

DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: ALLI03
 ProjectID: NJ Soil PT
 Lab Code: CHEM Case No.: Q1872 SAS No.: Q1872 SDG No.: Q1872

Calibration Sequence : FG042425		Test : Diesel Range Organics	
Concentration (PPM)	Area Count	Reference Factor	File ID
1000	122641169	122641	FG015756.D
500	64139521	128279	FG015757.D
200	25210755	126054	FG015758.D
100	13317775	133178	FG015759.D
50	6223650	124473	FG015760.D
AVG RF : 126925		% RSD : 3.202	AVG RT : 15.0012

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015756.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 10:48
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 24 11:27:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 11:24:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.007	11104419	97.461 ug/ml
Target Compounds			
1) N-OCTANE	1.974	10996290	98.710 ug/ml
2) N-DECANE	4.505	11243230	98.740 ug/ml
3) N-DODECANE	6.689	11662485	98.467 ug/ml
4) N-TETRADECANE	8.526	11973700	97.938 ug/ml
5) N-HEXADECANE	10.140	12216508	97.599 ug/ml
6) N-OCTADECANE	11.589	12572177	97.463 ug/ml
7) N-EICOSANE	12.904	12823427	97.384 ug/ml
8) N-DOCOSANE	14.106	12541120	97.443 ug/ml
10) N-TETRACOSANE	15.213	12584383	97.592 ug/ml
11) N-HEXACOSANE	16.237	12562391	97.503 ug/ml
12) N-OCTACOSANE	17.189	12461748	97.586 ug/ml
13) N-TRIACONTANE	18.079	12549024	97.656 ug/ml
14) N-DOTRIACONTANE	18.913	12168396	97.077 ug/ml
15) N-TETRATRIACONTANE	19.697	10948623	96.599 ug/ml
16) N-HEXATRIACONTANE	20.437	9283927	95.058 ug/ml
17) N-OCTATRIACONTANE	21.177	7985569	93.305 ug/ml
18) N-TETRACONTANE	22.097	7362877	94.497 ug/ml

(f)=RT Delta > 1/2 Window

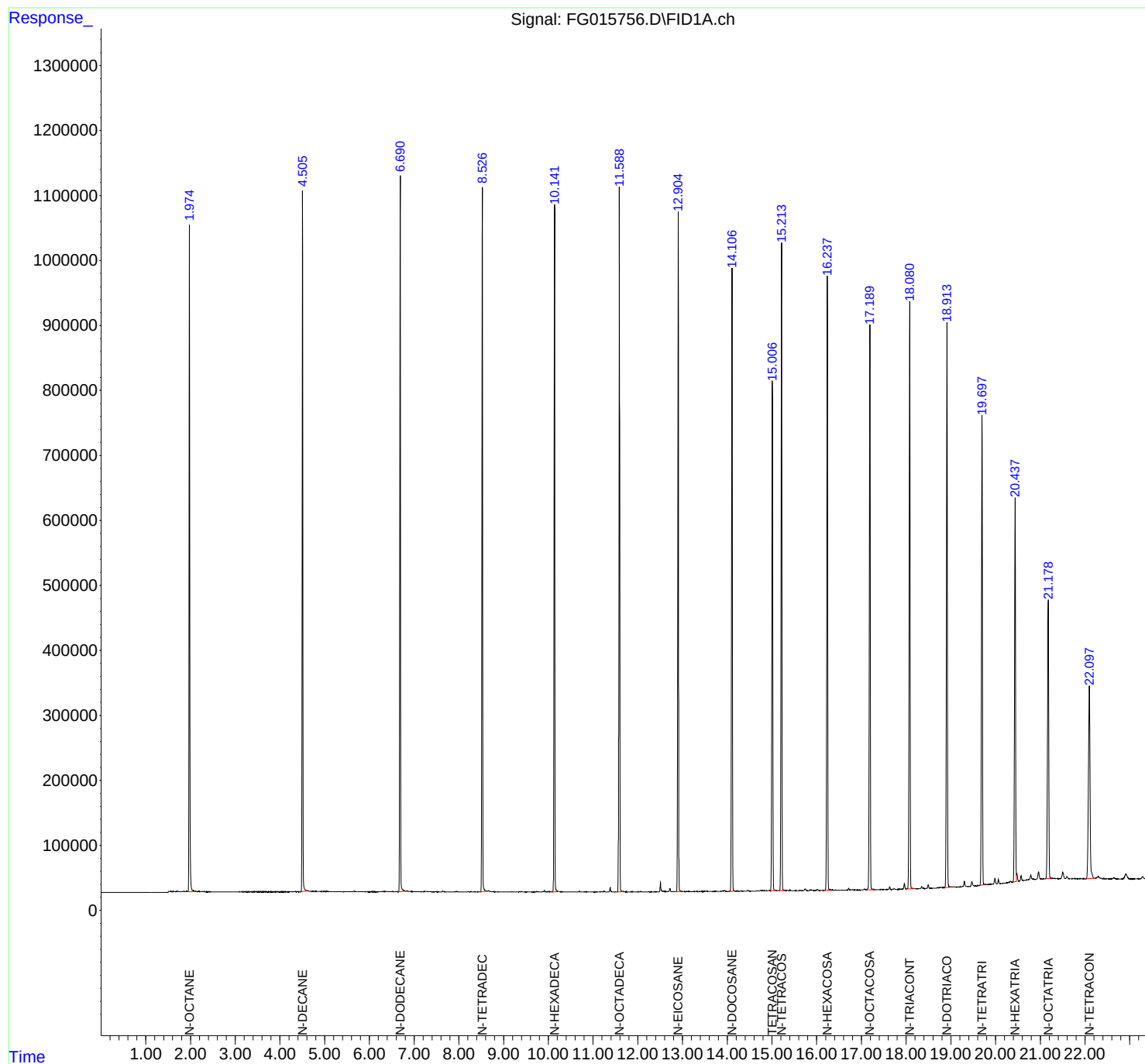
(m)=manual int.

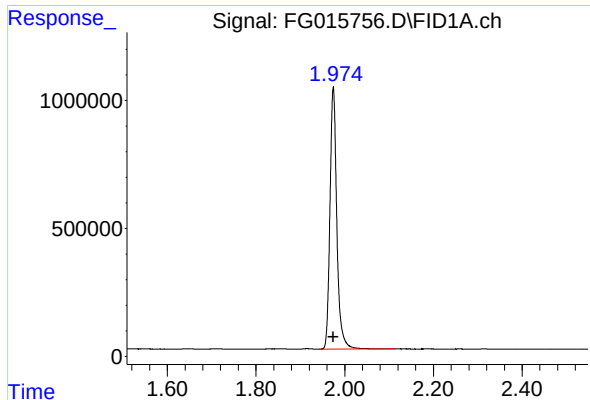
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015756.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 10:48
Operator : YP\AJ
Sample : 100 TRPH STD
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 TRPH STD

Integration File: autoint1.e
Quant Time: Apr 24 11:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 11:24:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

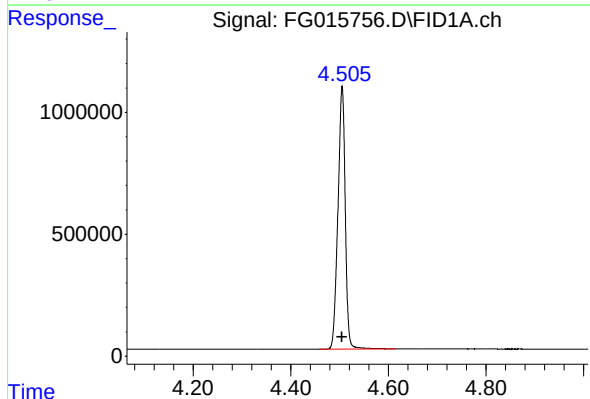




#1 N-OCTANE

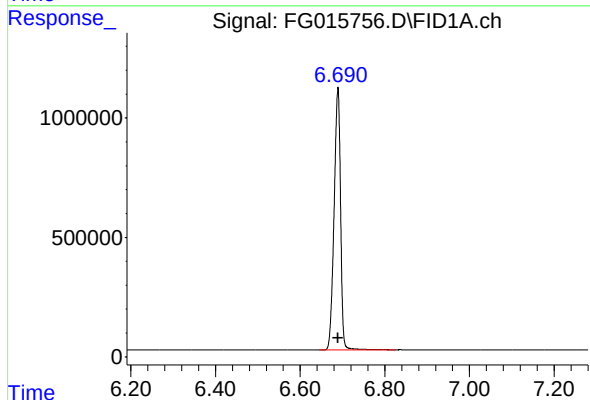
R.T.: 1.974 min
Delta R.T.: 0.000 min
Response: 10996290
Conc: 98.71 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



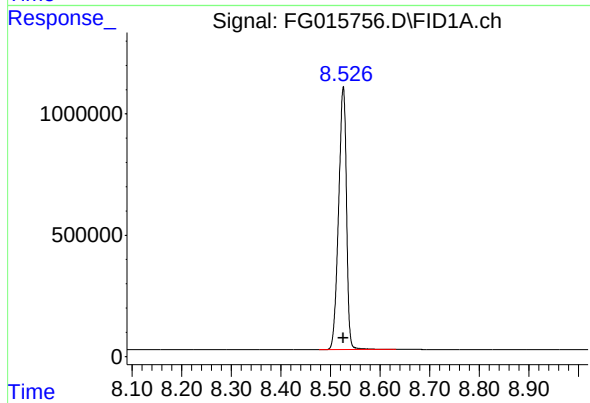
#2 N-DECANE

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 11243230
Conc: 98.74 ug/ml



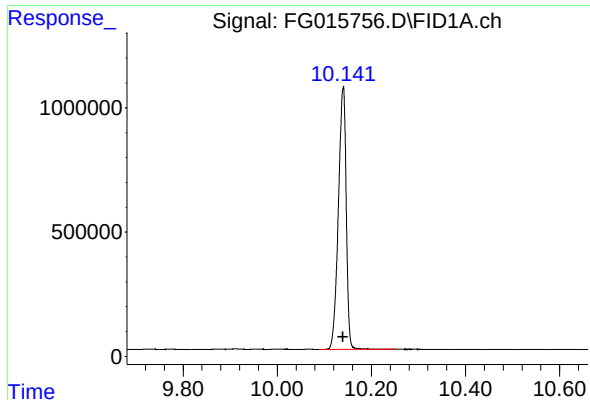
#3 N-DODECANE

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 11662485
Conc: 98.47 ug/ml



#4 N-TETRADECANE

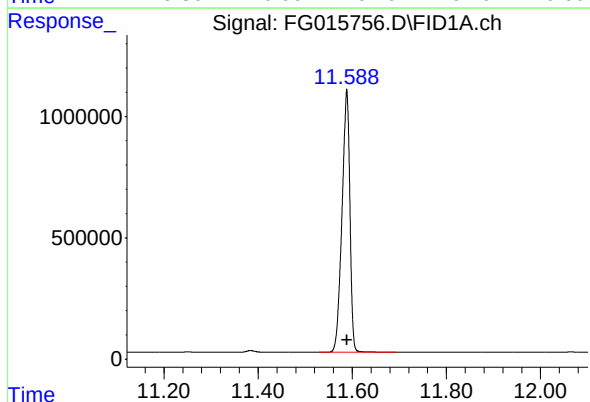
R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 11973700
Conc: 97.94 ug/ml



#5 N-HEXADECANE

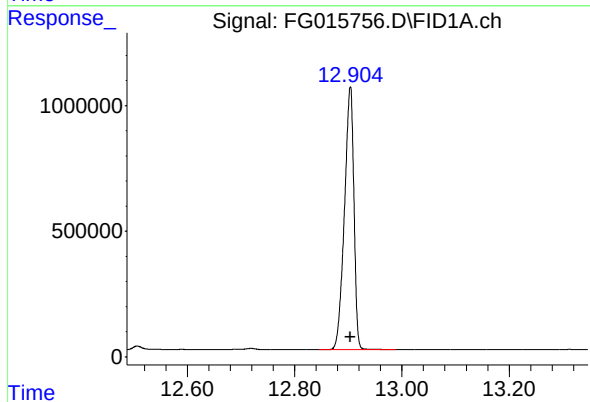
R.T.: 10.140 min
Delta R.T.: 0.000 min
Response: 12216508
Conc: 97.60 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



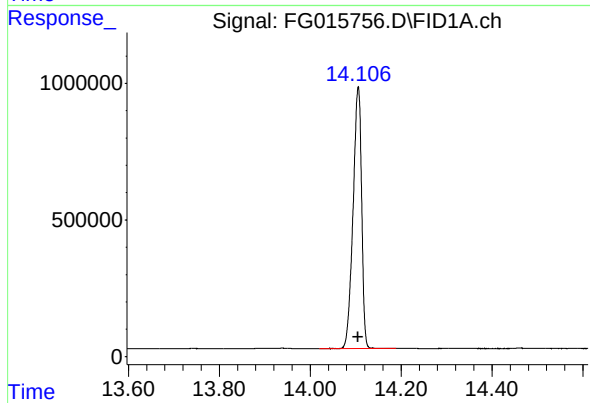
#6 N-OCTADECANE

R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 12572177
Conc: 97.46 ug/ml



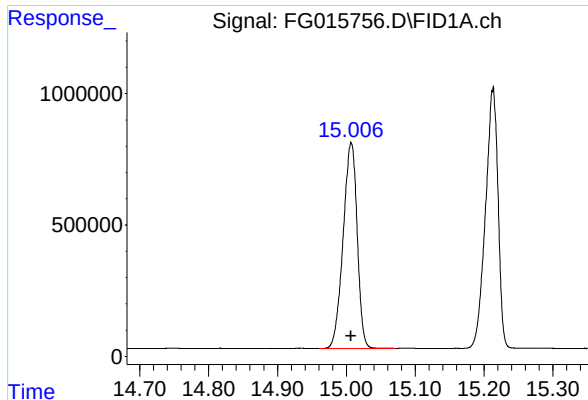
#7 N-EICOSANE

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 12823427
Conc: 97.38 ug/ml



#8 N-DOCOSANE

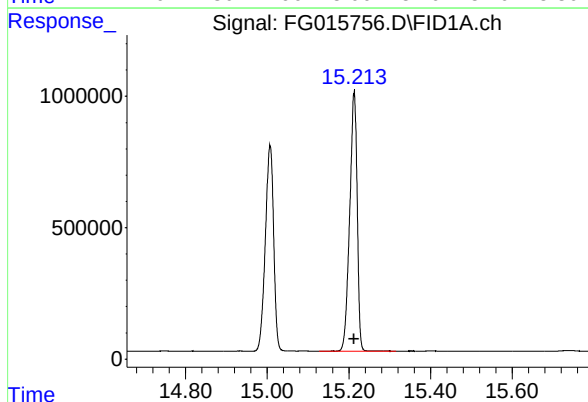
R.T.: 14.106 min
Delta R.T.: 0.000 min
Response: 12541120
Conc: 97.44 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

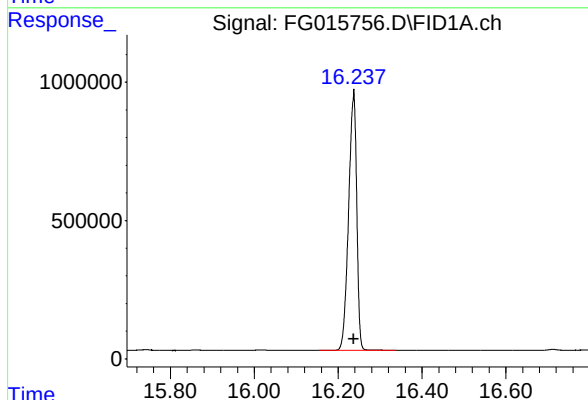
R.T.: 15.007 min
Delta R.T.: 0.000 min
Response: 11104419
Conc: 97.46 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



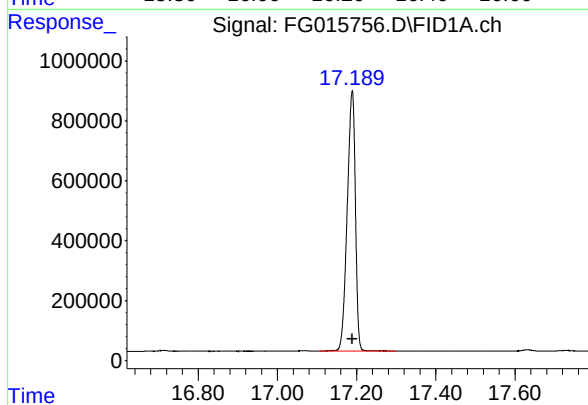
#10 N-TETRACOSANE

R.T.: 15.213 min
Delta R.T.: 0.000 min
Response: 12584383
Conc: 97.59 ug/ml



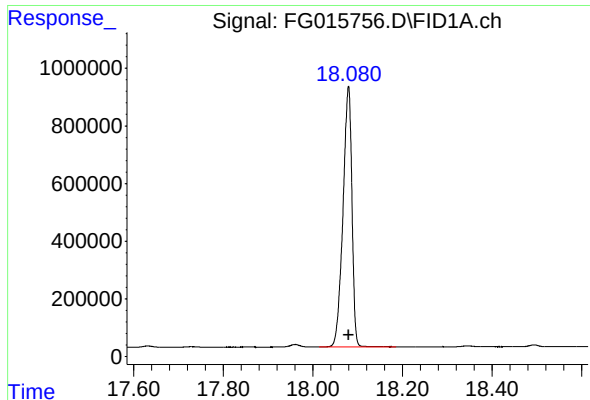
#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: 0.000 min
Response: 12562391
Conc: 97.50 ug/ml



#12 N-OCTACOSANE

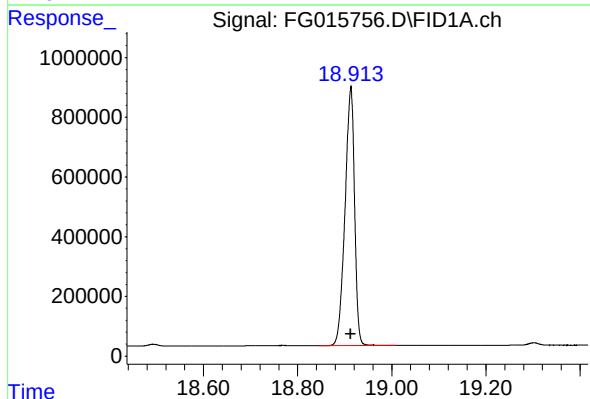
R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 12461748
Conc: 97.59 ug/ml



#13 N-TRIACONTANE

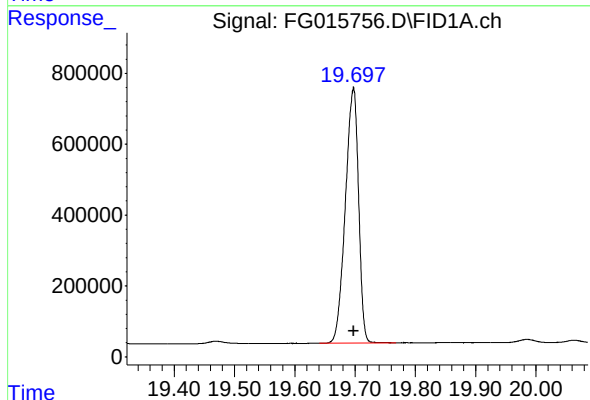
R.T.: 18.079 min
Delta R.T.: 0.000 min
Response: 12549024
Conc: 97.66 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



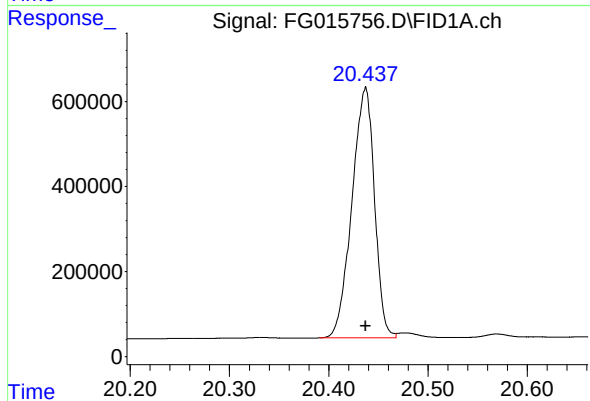
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: 0.000 min
Response: 12168396
Conc: 97.08 ug/ml



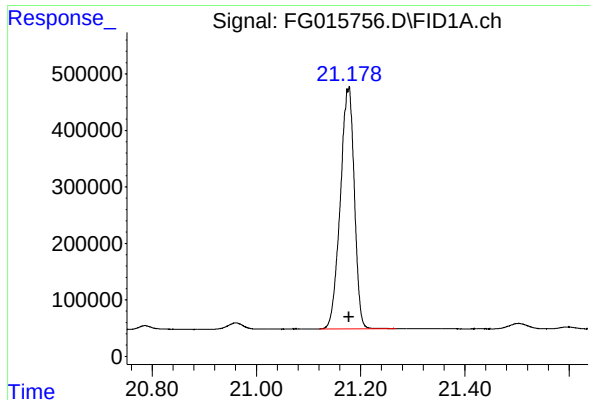
#15 N-TETRATRIACONTANE

R.T.: 19.697 min
Delta R.T.: 0.000 min
Response: 10948623
Conc: 96.60 ug/ml



#16 N-HEXATRIACONTANE

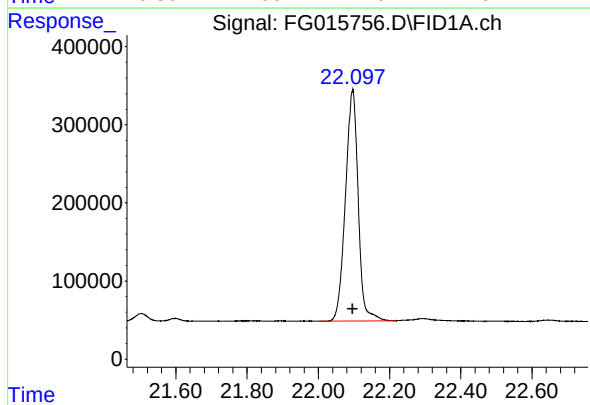
R.T.: 20.437 min
Delta R.T.: 0.000 min
Response: 9283927
Conc: 95.06 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 7985569
Conc: 93.30 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.097 min
Delta R.T.: 0.000 min
Response: 7362877
Conc: 94.50 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015756.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 10:48
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.974	1.942	2.115	PB	1024920	10996290	85.75%	5.363%
2	4.505	4.458	4.615	BV	1077976	11243230	87.68%	5.483%
3	6.689	6.645	6.826	BV	1098911	11662485	90.95%	5.688%
4	8.526	8.477	8.632	BV	1084475	11973700	93.37%	5.840%
5	10.140	10.089	10.252	BB	1053512	12216508	95.27%	5.958%
6	11.589	11.530	11.693	BB	1084929	12572177	98.04%	6.132%
7	12.904	12.845	12.989	BB	1045141	12823427	100.00%	6.254%
8	14.106	14.020	14.189	BB	958194	12541120	97.80%	6.116%
9	15.007	14.960	15.072	BV	782960	11104419	86.59%	5.416%
10	15.213	15.127	15.315	BB	983900	12584383	98.14%	6.138%
11	16.237	16.155	16.338	BB	936784	12562391	97.96%	6.127%
12	17.189	17.105	17.300	BB	869173	12461748	97.18%	6.078%
13	18.079	18.014	18.185	BB	903788	12549024	97.86%	6.120%
14	18.913	18.845	19.009	BB	864772	12168396	94.89%	5.935%
15	19.697	19.640	19.768	BV	722721	10948623	85.38%	5.340%
16	20.437	20.390	20.468	BV	587955	9283927	72.40%	4.528%
17	21.177	21.120	21.268	BB	425010	7985569	62.27%	3.895%
18	22.097	22.002	22.218	BV	294785	7362877	57.42%	3.591%

Sum of corrected areas: 205040295

FG042425.M Thu Apr 24 13:16:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015757.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 11:17
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 24 11:25:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 11:24:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.002	5841495	50.000 ug/ml
Target Compounds			
1) N-OCTANE	1.975	5641868	50.000 ug/ml
2) N-DECANE	4.503	5765123	50.000 ug/ml
3) N-DODECANE	6.686	6012868	50.000 ug/ml
4) N-TETRADECANE	8.522	6238947	50.000 ug/ml
5) N-HEXADECANE	10.136	6408748	50.000 ug/ml
6) N-OCTADECANE	11.584	6613302	50.000 ug/ml
7) N-EICOSANE	12.898	6756237	50.000 ug/ml
8) N-DOCOSANE	14.100	6599646	50.000 ug/ml
10) N-TETRACOSANE	15.207	6602706	50.000 ug/ml
11) N-HEXACOSANE	16.231	6602864	50.000 ug/ml
12) N-OCTACOSANE	17.184	6539080	50.000 ug/ml
13) N-TRIACONTANE	18.074	6575660	50.000 ug/ml
14) N-DOTRIACONTANE	18.908	6450543	50.000 ug/ml
15) N-TETRATRIACONTANE	19.692	5859842	50.000 ug/ml
16) N-HEXATRIACONTANE	20.433	5124615	50.000 ug/ml
17) N-OCTATRIACONTANE	21.173	4565784	50.000 ug/ml
18) N-TETRACONTANE	22.092	4110184	50.000 ug/ml

(f)=RT Delta > 1/2 Window

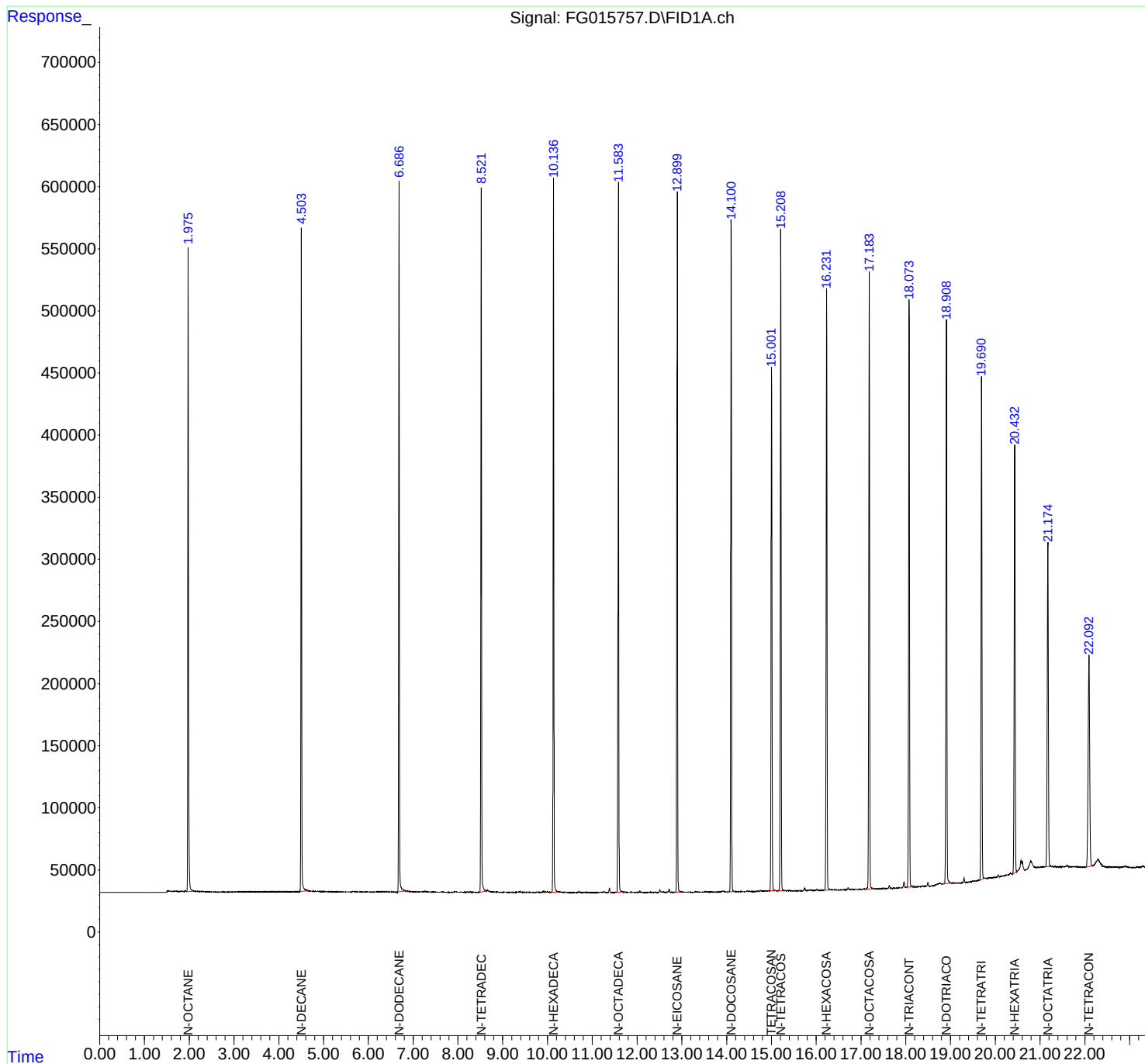
(m)=manual int.

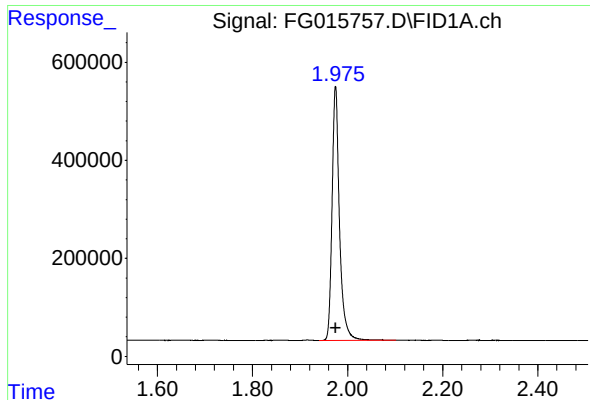
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015757.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 11:17
Operator : YP\AJ
Sample : 50 TRPH STD
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 TRPH STD

Integration File: autoint1.e
Quant Time: Apr 24 11:25:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 11:24:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

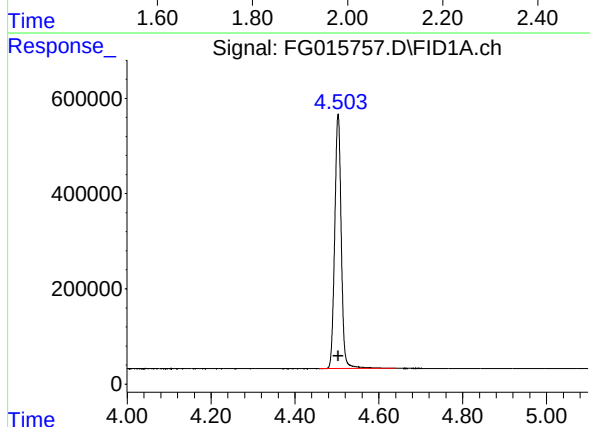




#1 N-OCTANE

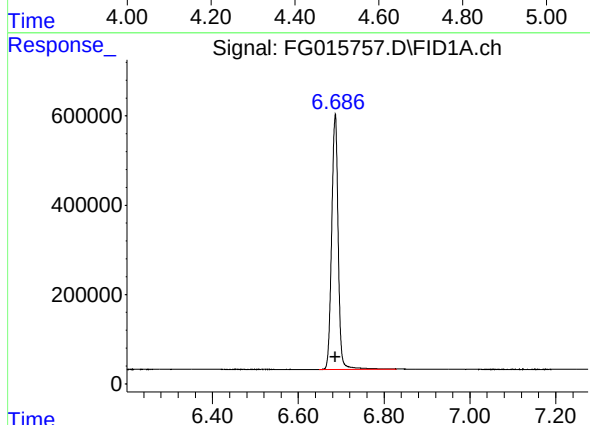
R.T.: 1.975 min
Delta R.T.: 0.000 min
Response: 5641868
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



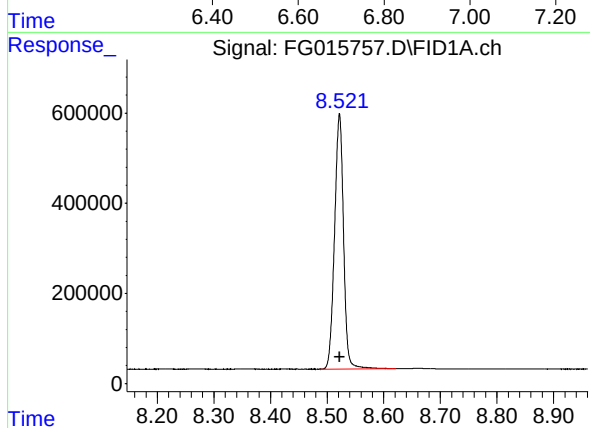
#2 N-DECANE

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5765123
Conc: 50.00 ug/ml



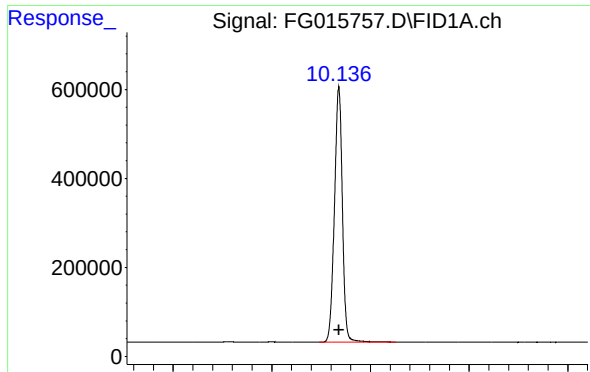
#3 N-DODECANE

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 6012868
Conc: 50.00 ug/ml



#4 N-TETRADECANE

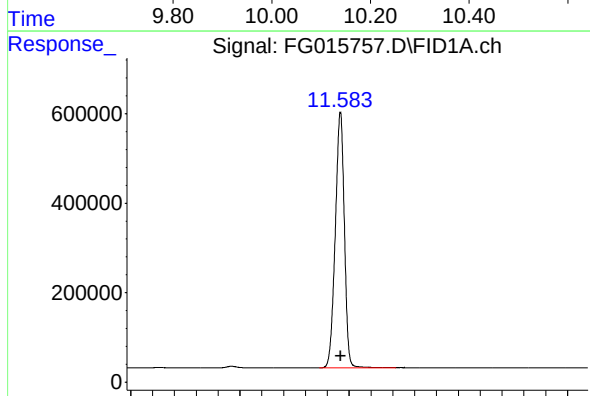
R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 6238947
Conc: 50.00 ug/ml



#5 N-HEXADECANE

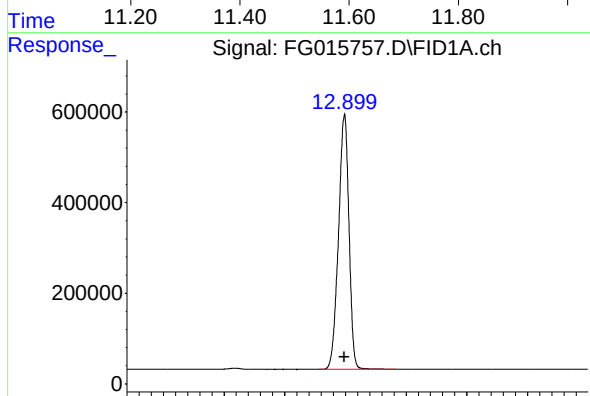
R.T.: 10.136 min
Delta R.T.: 0.000 min
Response: 6408748
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



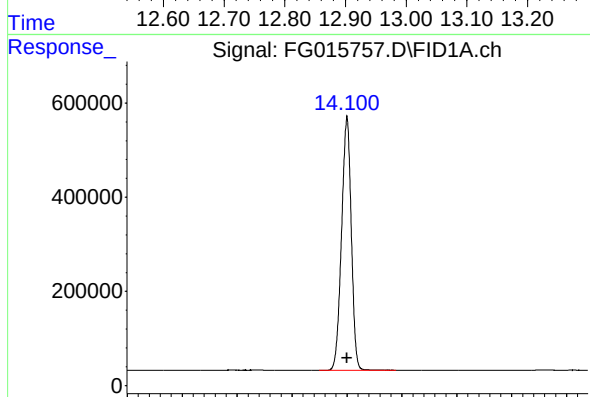
#6 N-OCTADECANE

R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 6613302
Conc: 50.00 ug/ml



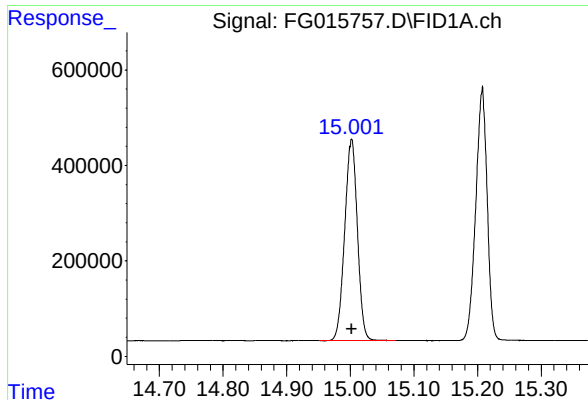
#7 N-EICOSANE

R.T.: 12.898 min
Delta R.T.: 0.000 min
Response: 6756237
Conc: 50.00 ug/ml



#8 N-DOCOSANE

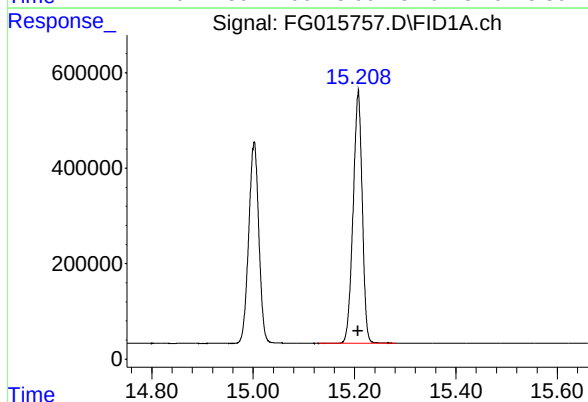
R.T.: 14.100 min
Delta R.T.: 0.000 min
Response: 6599646
Conc: 50.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

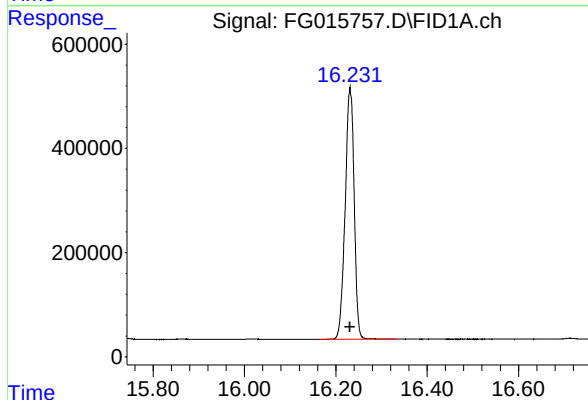
R.T.: 15.002 min
Delta R.T.: 0.000 min
Response: 5841495
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



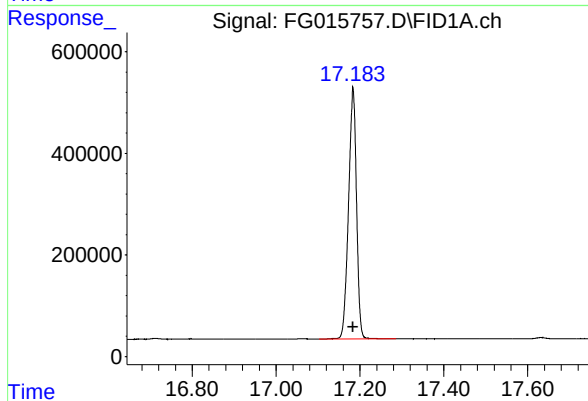
#10 N-TETRACOSANE

R.T.: 15.207 min
Delta R.T.: 0.000 min
Response: 6602706
Conc: 50.00 ug/ml



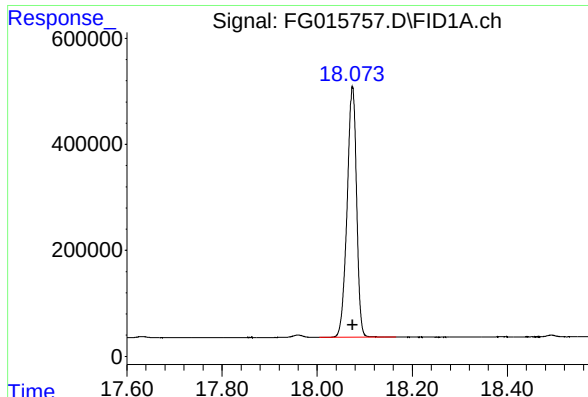
#11 N-HEXACOSANE

R.T.: 16.231 min
Delta R.T.: 0.000 min
Response: 6602864
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

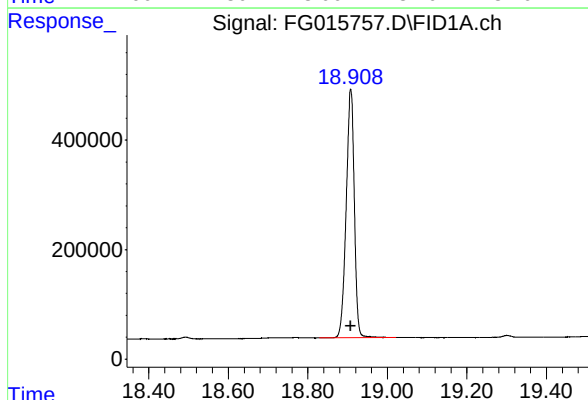
R.T.: 17.184 min
Delta R.T.: 0.000 min
Response: 6539080
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

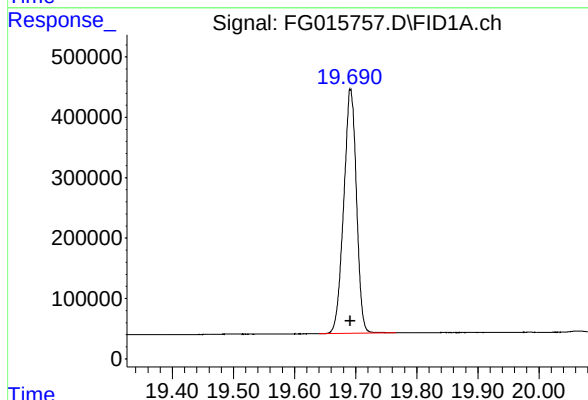
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 6575660
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



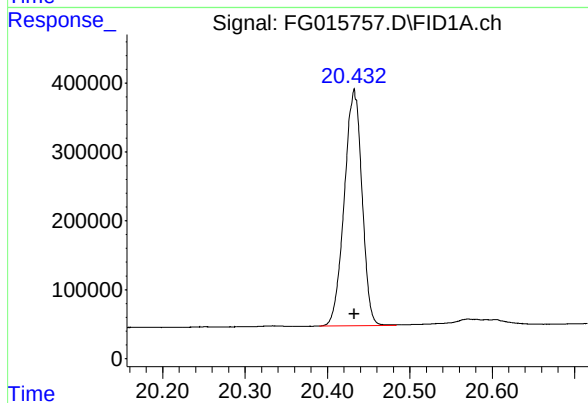
#14 N-DOTRIACONTANE

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 6450543
Conc: 50.00 ug/ml



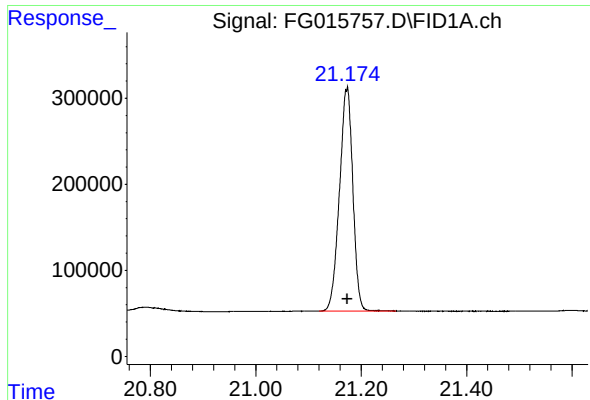
#15 N-TETRATRIACONTANE

R.T.: 19.692 min
Delta R.T.: 0.000 min
Response: 5859842
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

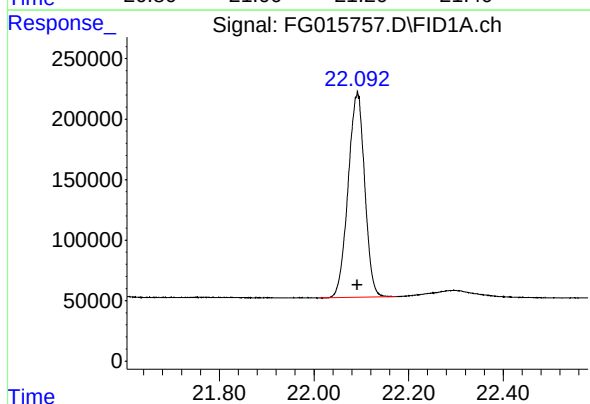
R.T.: 20.433 min
Delta R.T.: 0.000 min
Response: 5124615
Conc: 50.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.173 min
Delta R.T.: 0.000 min
Response: 4565784
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.092 min
Delta R.T.: 0.000 min
Response: 4110184
Conc: 50.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015757.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 11:17
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.975	1.940	2.102	PB	518391	5641868	83.51%	5.209%
2	4.503	4.458	4.641	BB	534310	5765123	85.33%	5.323%
3	6.686	6.648	6.828	BV	569163	6012868	89.00%	5.552%
4	8.522	8.486	8.622	BV	566758	6238947	92.34%	5.760%
5	10.136	10.096	10.252	BB	572817	6408748	94.86%	5.917%
6	11.584	11.545	11.686	BB	570837	6613302	97.88%	6.106%
7	12.898	12.857	12.983	BB	561391	6756237	100.00%	6.238%
8	14.100	14.049	14.189	BB	540265	6599646	97.68%	6.093%
9	15.002	14.951	15.072	BV	421352	5841495	86.46%	5.393%
10	15.207	15.130	15.282	BB	528649	6602706	97.73%	6.096%
11	16.231	16.163	16.332	BB	484089	6602864	97.73%	6.096%
12	17.184	17.102	17.286	BB	494986	6539080	96.79%	6.037%
13	18.074	18.004	18.166	BB	471435	6575660	97.33%	6.071%
14	18.908	18.828	19.022	BB	453993	6450543	95.48%	5.956%
15	19.692	19.640	19.766	BB	402842	5859842	86.73%	5.410%
16	20.433	20.390	20.483	BV	343234	5124615	75.85%	4.731%
17	21.173	21.120	21.266	BB	258145	4565784	67.58%	4.215%
18	22.092	22.011	22.173	BV	170162	4110184	60.84%	3.795%
Sum of corrected areas:						108309511		

FG042425.M Thu Apr 24 13:17:40 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015758.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 11:46
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 24 11:54:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 11:54:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.000	2321990	20.251 ug/ml
Target Compounds			
1) N-OCTANE	1.974	2237524	20.057 ug/ml
2) N-DECANE	4.502	2238396	19.771 ug/ml
3) N-DODECANE	6.684	2319481	19.720 ug/ml
4) N-TETRADECANE	8.520	2417851	19.851 ug/ml
5) N-HEXADECANE	10.134	2497764	19.970 ug/ml
6) N-OCTADECANE	11.582	2589337	20.049 ug/ml
7) N-EICOSANE	12.895	2668069	20.174 ug/ml
8) N-DOCOSANE	14.098	2616865	20.221 ug/ml
10) N-TETRACOSANE	15.204	2622580	20.224 ug/ml
11) N-HEXACOSANE	16.229	2625744	20.252 ug/ml
12) N-OCTACOSANE	17.181	2614668	20.314 ug/ml
13) N-TRIACONTANE	18.070	2657089	20.447 ug/ml
14) N-DOTRIACONTANE	18.904	2600271	20.490 ug/ml
15) N-TETRATRIACONTANE	19.689	2454733	21.076 ug/ml
16) N-HEXATRIACONTANE	20.430	2212619	21.695 ug/ml
17) N-OCTATRIACONTANE	21.168	2053554	22.497 ug/ml
18) N-TETRACONTANE	22.089	1847089	22.327 ug/ml

(f)=RT Delta > 1/2 Window

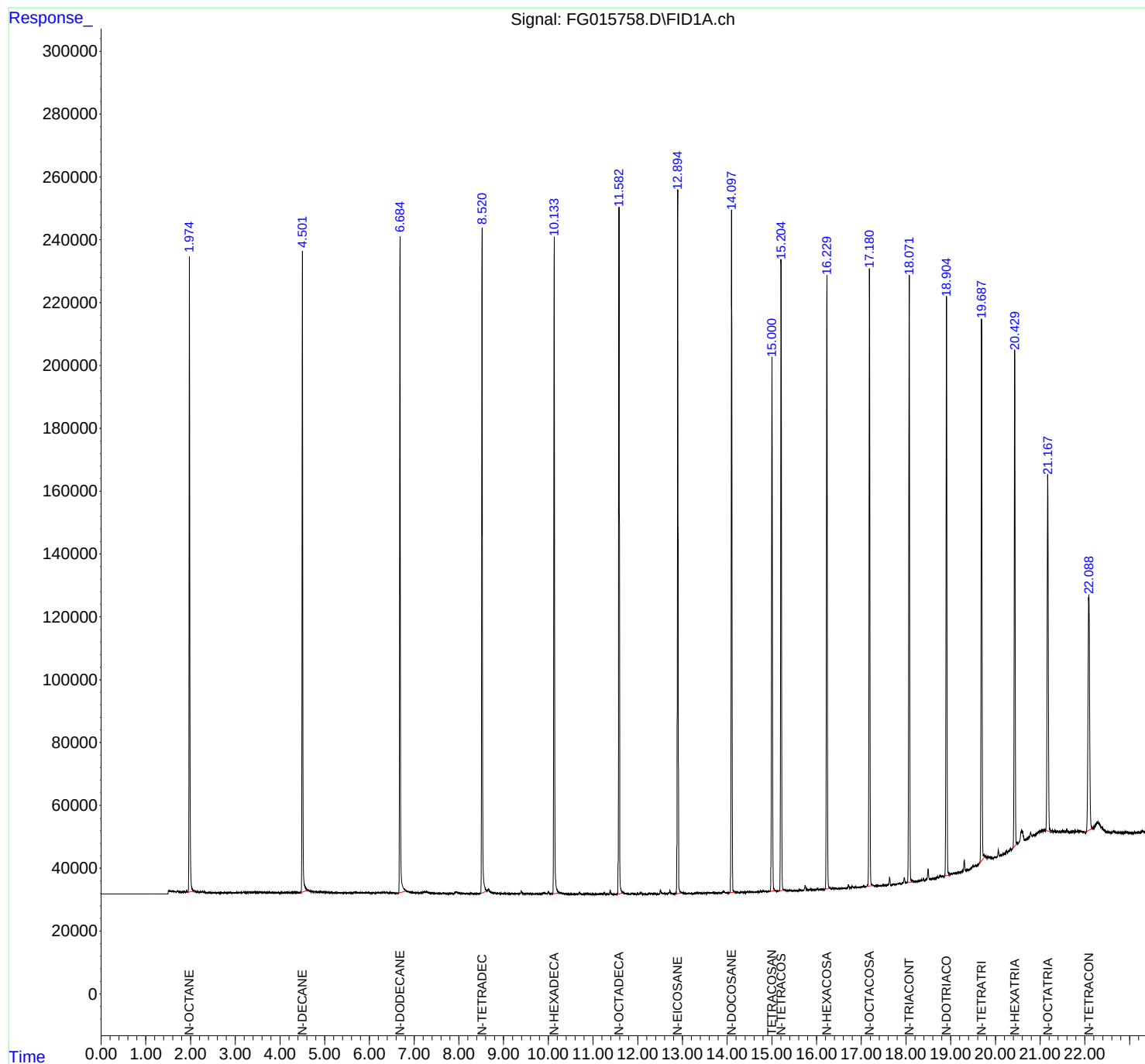
(m)=manual int.

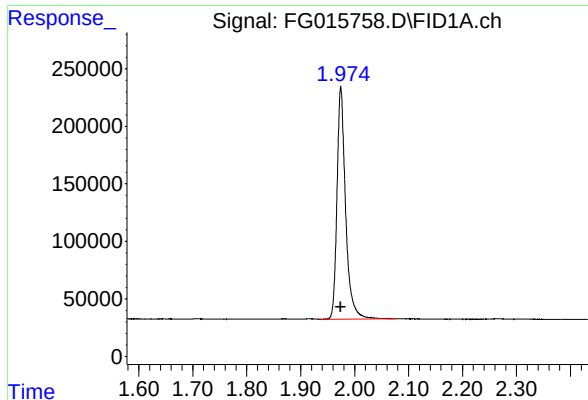
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015758.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 11:46
Operator : YP\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

Integration File: autoint1.e
Quant Time: Apr 24 11:54:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 11:54:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

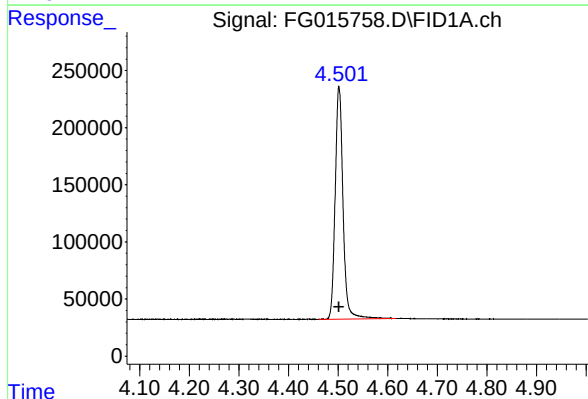




#1 N-OCTANE

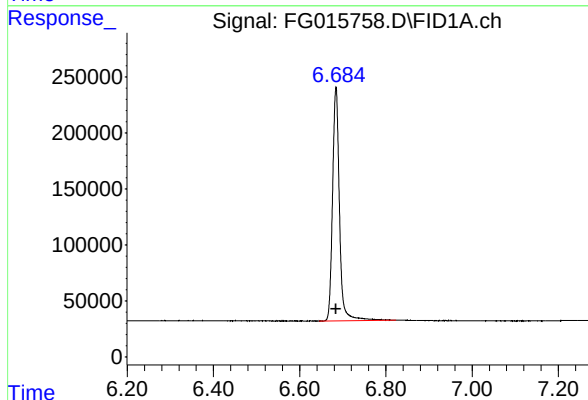
R.T.: 1.974 min
Delta R.T.: 0.000 min
Response: 2237524
Conc: 20.06 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



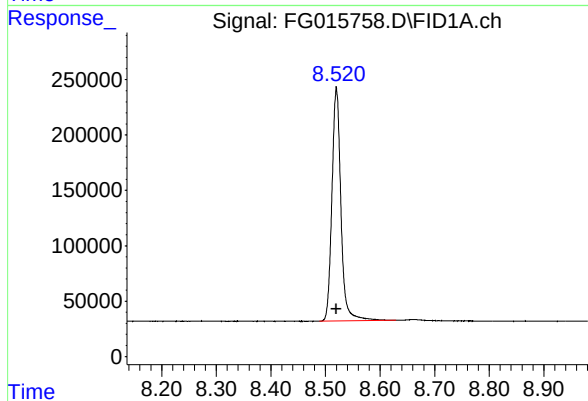
#2 N-DECANE

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 2238396
Conc: 19.77 ug/ml



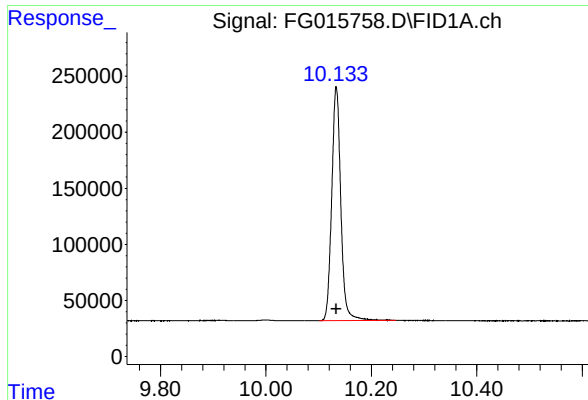
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 2319481
Conc: 19.72 ug/ml



#4 N-TETRADECANE

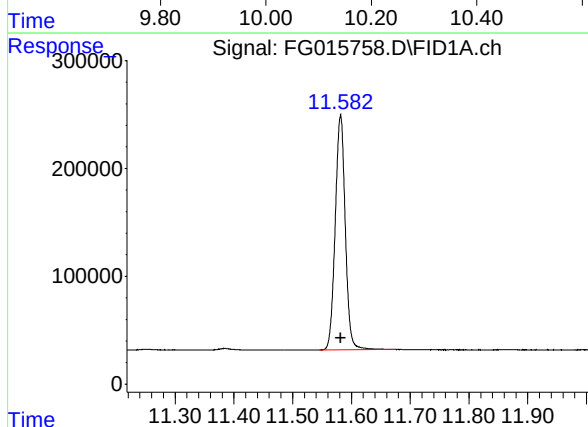
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 2417851
Conc: 19.85 ug/ml



#5 N-HEXADECANE

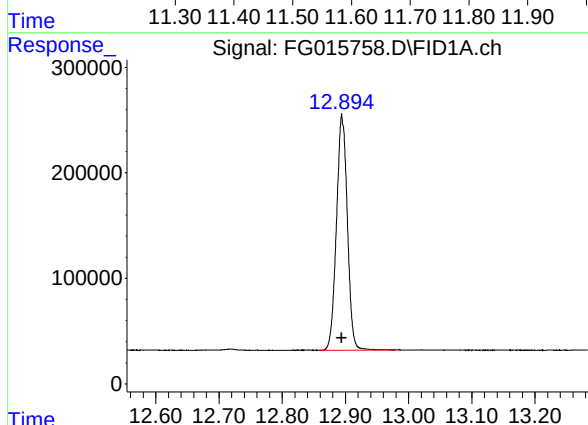
R.T.: 10.134 min
Delta R.T.: 0.000 min
Response: 2497764
Conc: 19.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



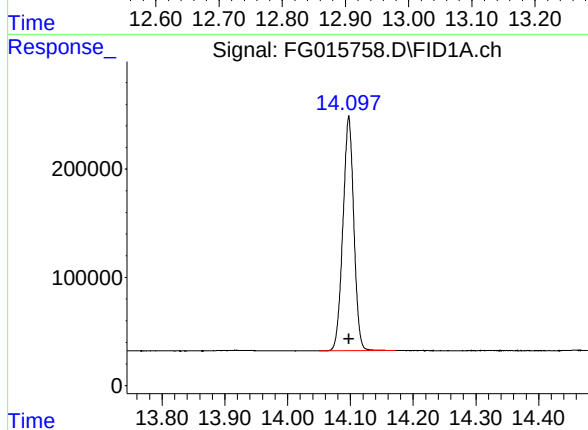
#6 N-OCTADECANE

R.T.: 11.582 min
Delta R.T.: 0.000 min
Response: 2589337
Conc: 20.05 ug/ml



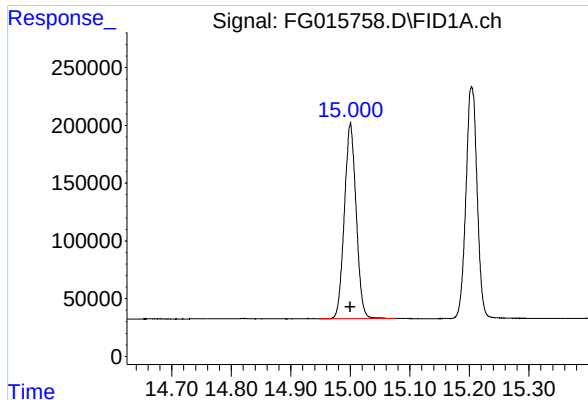
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2668069
Conc: 20.17 ug/ml



#8 N-DOCOSANE

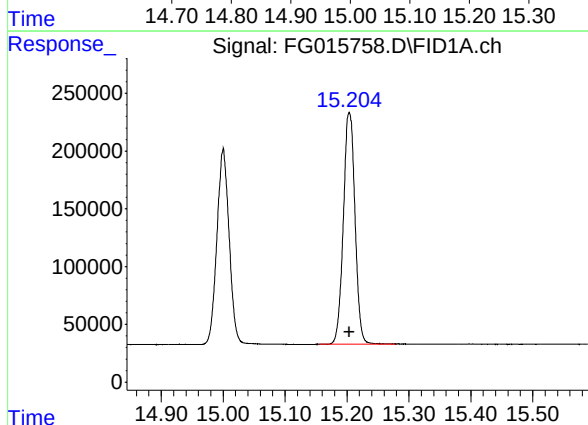
R.T.: 14.098 min
Delta R.T.: 0.000 min
Response: 2616865
Conc: 20.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

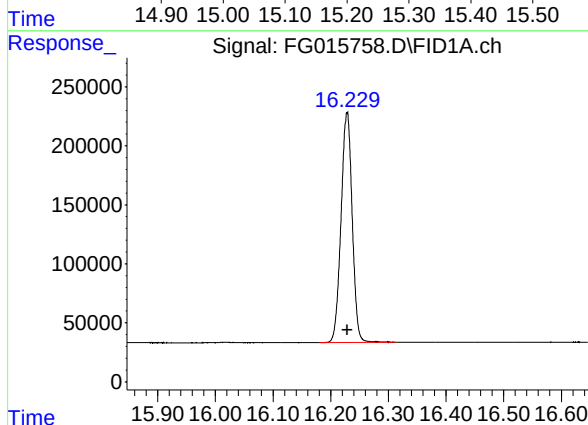
R.T.: 15.000 min
Delta R.T.: 0.000 min
Response: 2321990
Conc: 20.25 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



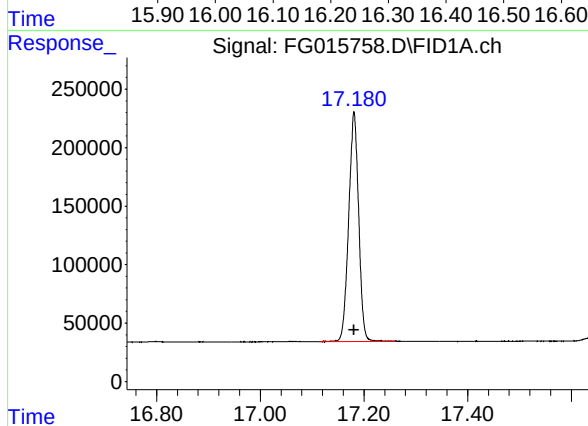
#10 N-TETRACOSANE

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 2622580
Conc: 20.22 ug/ml



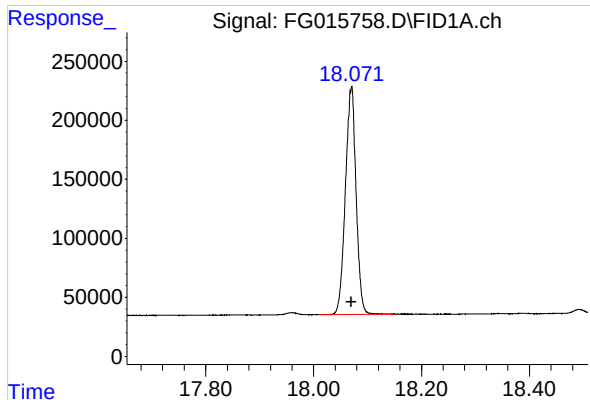
#11 N-HEXACOSANE

R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2625744
Conc: 20.25 ug/ml



#12 N-OCTACOSANE

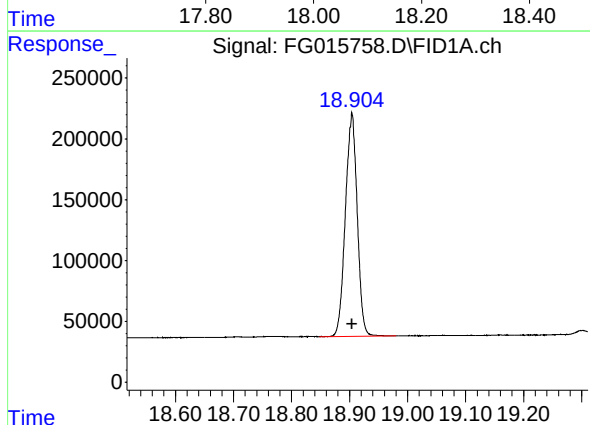
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2614668
Conc: 20.31 ug/ml



#13 N-TRIACONTANE

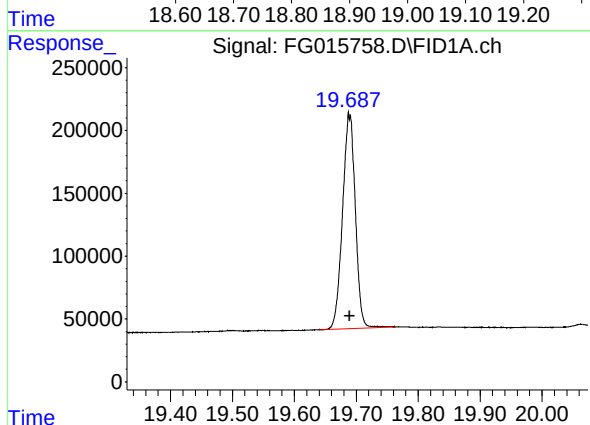
R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 2657089
Conc: 20.45 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



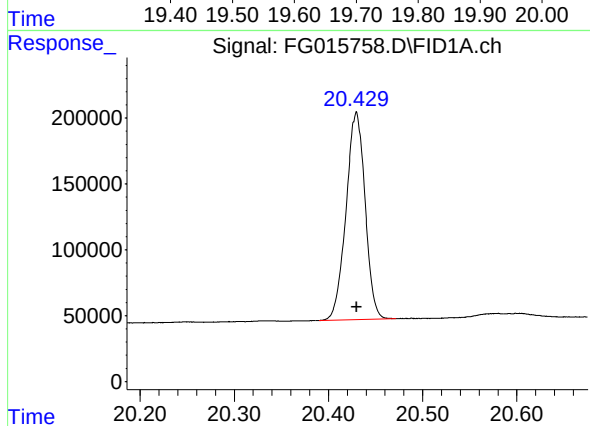
#14 N-DOTRIACONTANE

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 2600271
Conc: 20.49 ug/ml



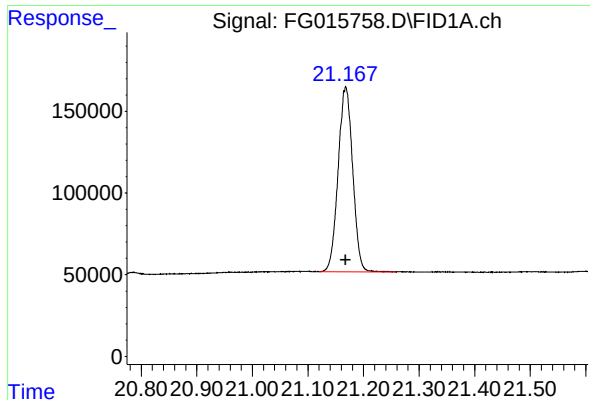
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 2454733
Conc: 21.08 ug/ml



#16 N-HEXATRIACONTANE

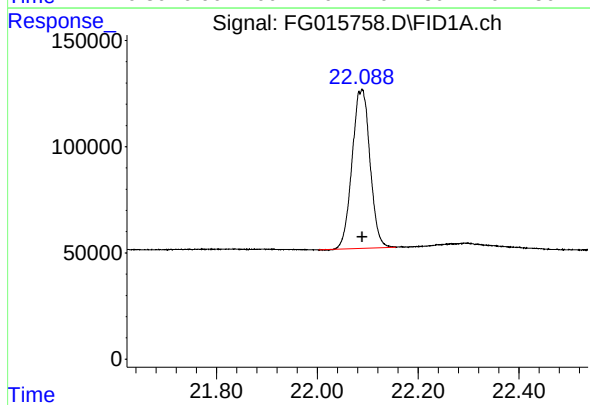
R.T.: 20.430 min
Delta R.T.: 0.000 min
Response: 2212619
Conc: 21.69 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 2053554
Conc: 22.50 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.089 min
Delta R.T.: 0.000 min
Response: 1847089
Conc: 22.33 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015758.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 11:46
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.975	1.934	2.077	BB	201920	2237524	83.86%	5.132%
2	4.502	4.462	4.617	BB	203820	2238396	83.90%	5.134%
3	6.684	6.645	6.823	BB	208563	2319481	86.93%	5.320%
4	8.520	8.488	8.629	BB	211119	2417851	90.62%	5.546%
5	10.134	10.101	10.247	BB	208652	2497764	93.62%	5.729%
6	11.582	11.545	11.676	BB	218192	2589337	97.05%	5.939%
7	12.895	12.858	12.980	BB	223239	2668069	100.00%	6.120%
8	14.098	14.050	14.173	BB	216965	2616865	98.08%	6.003%
9	15.000	14.948	15.077	BB	168988	2321990	87.03%	5.326%
10	15.204	15.155	15.279	BB	200433	2622580	98.30%	6.016%
11	16.229	16.180	16.313	BB	194531	2625744	98.41%	6.023%
12	17.181	17.113	17.262	BB	196368	2614668	98.00%	5.998%
13	18.070	18.010	18.153	BB	192263	2657089	99.59%	6.095%
14	18.904	18.848	18.980	BB	183783	2600271	97.46%	5.965%
15	19.689	19.640	19.764	BB	166134	2454733	92.00%	5.631%
16	20.430	20.390	20.472	BB	158134	2212619	82.93%	5.075%
17	21.168	21.120	21.258	BB	113394	2053554	76.97%	4.710%
18	22.089	22.003	22.156	BB	74811	1847089	69.23%	4.237%
Sum of corrected areas:							43595624	

FG042425.M Thu Apr 24 13:18:10 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015759.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 12:16
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 24 12:30:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:30:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.999	1251163	10.669 ug/ml
Target Compounds			
1) N-OCTANE	1.975	1185572	10.463 ug/ml
2) N-DECANE	4.502	1151939	10.130 ug/ml
3) N-DODECANE	6.684	1187117	10.070 ug/ml
4) N-TETRADECANE	8.520	1261201	10.264 ug/ml
5) N-HEXADECANE	10.134	1314900	10.380 ug/ml
6) N-OCTADECANE	11.581	1372556	10.463 ug/ml
7) N-EICOSANE	12.894	1428003	10.586 ug/ml
8) N-DOCOSANE	14.097	1398103	10.591 ug/ml
10) N-TETRACOSANE	15.204	1402010	10.597 ug/ml
11) N-HEXACOSANE	16.227	1402199	10.599 ug/ml
12) N-OCTACOSANE	17.179	1399747	10.642 ug/ml
13) N-TRIACONTANE	18.068	1412539	10.638 ug/ml
14) N-DOTRIACONTANE	18.903	1413302	10.829 ug/ml
15) N-TETRATRIACONTANE	19.688	1328246	11.017 ug/ml
16) N-HEXATRIACONTANE	20.429	1238523	11.526 ug/ml
17) N-OCTATRIACONTANE	21.168	1158527	11.891 ug/ml
18) N-TETRACONTANE	22.088	1119497	12.434 ug/ml

(f)=RT Delta > 1/2 Window

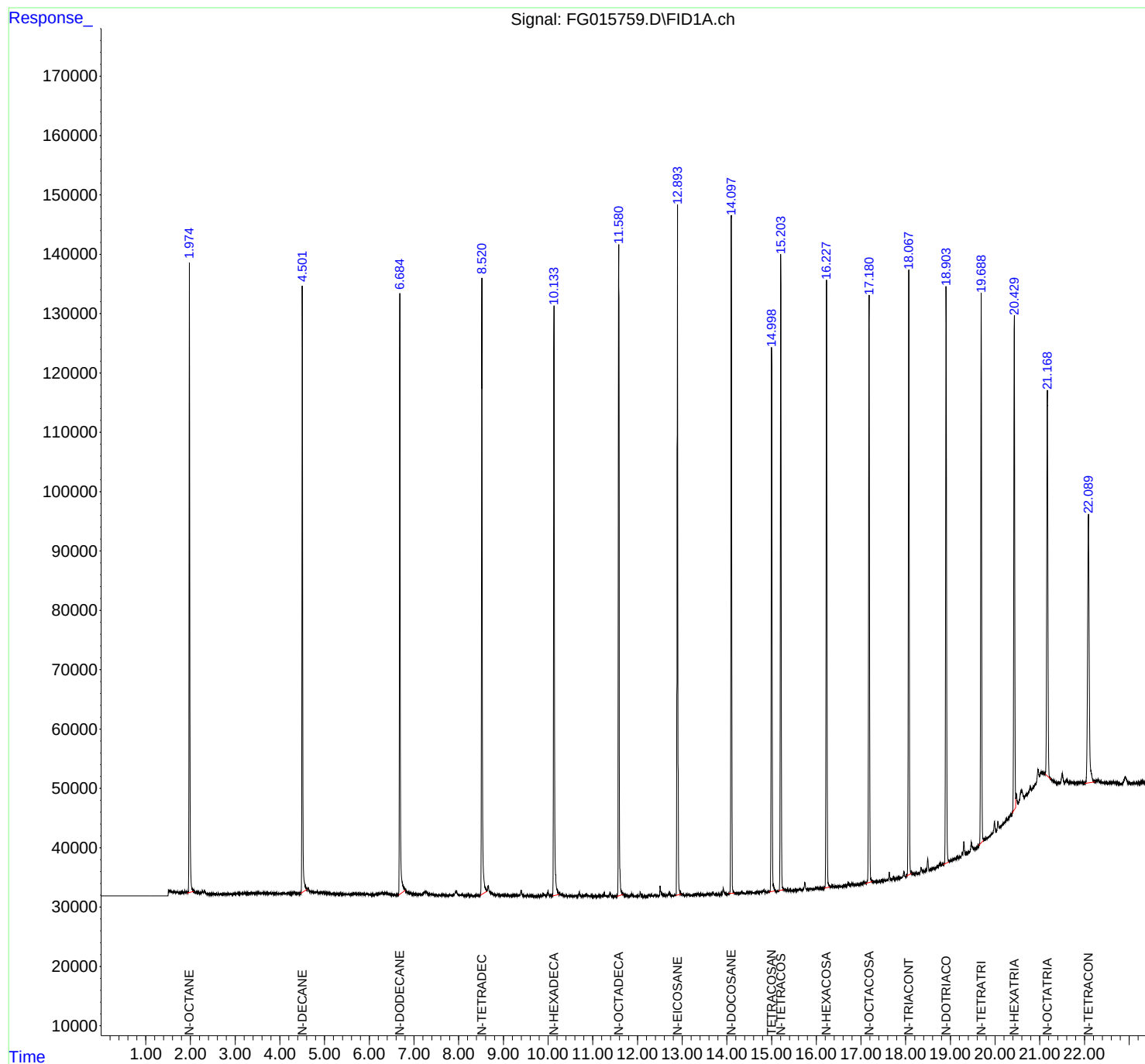
(m)=manual int.

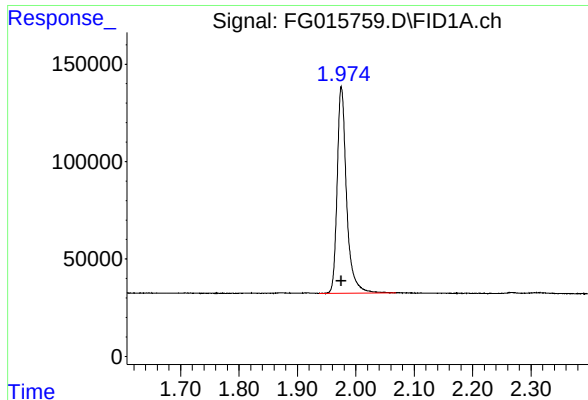
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015759.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 12:16
Operator : YP\AJ
Sample : 10 TRPH STD
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

Integration File: autoint1.e
Quant Time: Apr 24 12:30:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:30:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

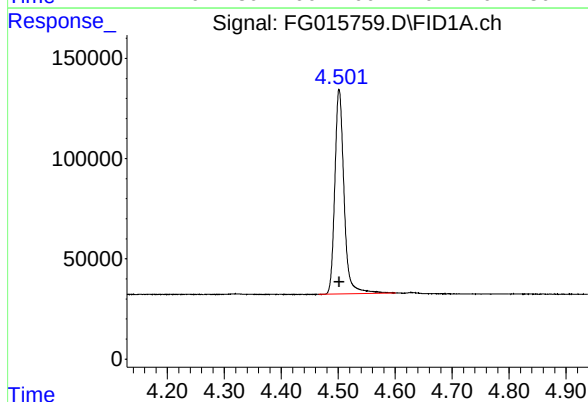




#1 N-OCTANE

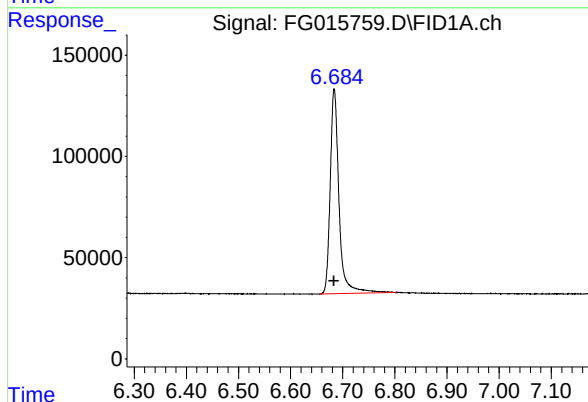
R.T.: 1.975 min
Delta R.T.: 0.000 min
Response: 1185572
Conc: 10.46 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



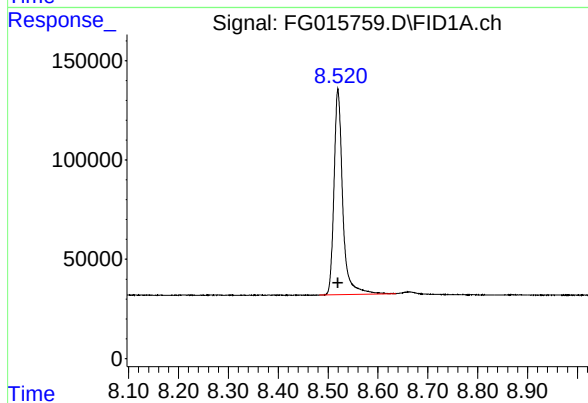
#2 N-DECANE

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 1151939
Conc: 10.13 ug/ml



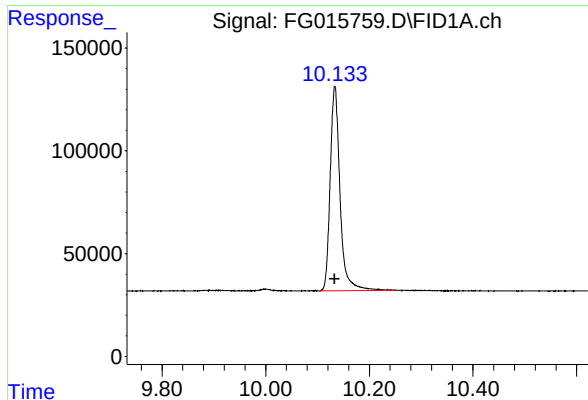
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 1187117
Conc: 10.07 ug/ml



#4 N-TETRADECANE

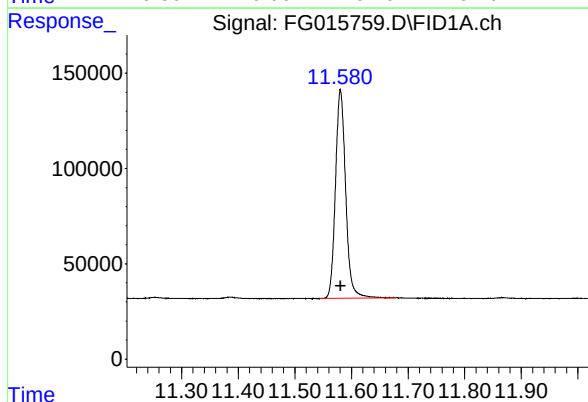
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 1261201
Conc: 10.26 ug/ml



#5 N-HEXADECANE

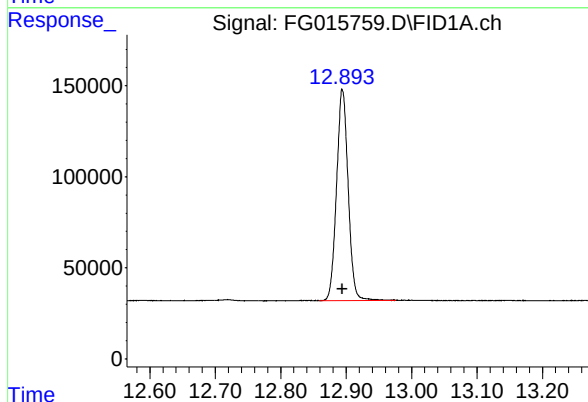
R.T.: 10.134 min
Delta R.T.: 0.000 min
Response: 1314900
Conc: 10.38 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



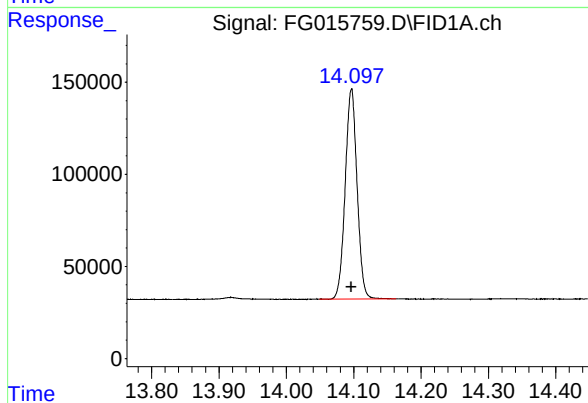
#6 N-OCTADECANE

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 1372556
Conc: 10.46 ug/ml



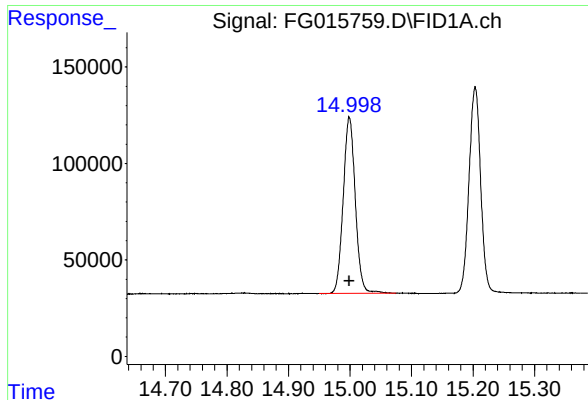
#7 N-EICOSANE

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 1428003
Conc: 10.59 ug/ml



#8 N-DOCOSANE

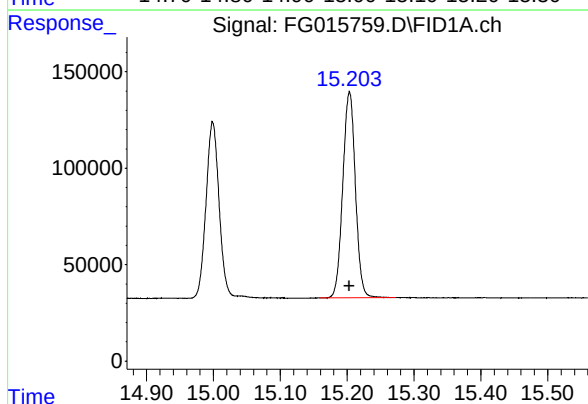
R.T.: 14.097 min
Delta R.T.: 0.000 min
Response: 1398103
Conc: 10.59 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

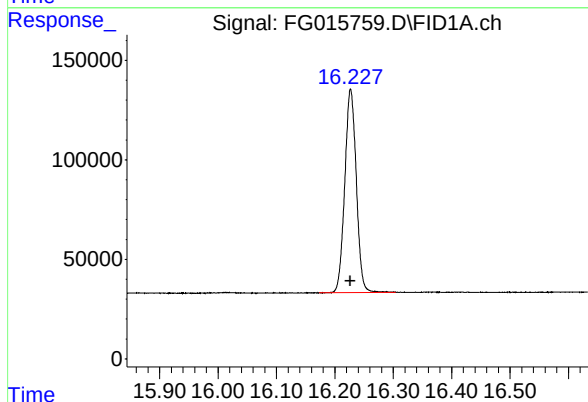
R.T.: 14.999 min
Delta R.T.: 0.000 min
Response: 1251163
Conc: 10.67 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



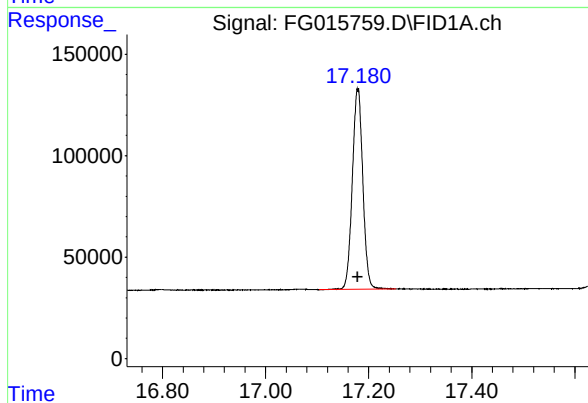
#10 N-TETRACOSANE

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 1402010
Conc: 10.60 ug/ml



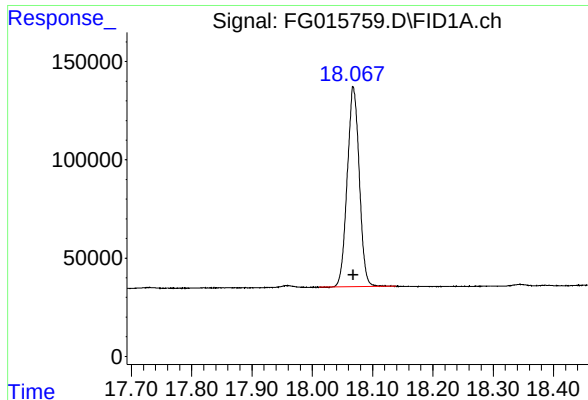
#11 N-HEXACOSANE

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 1402199
Conc: 10.60 ug/ml



#12 N-OCTACOSANE

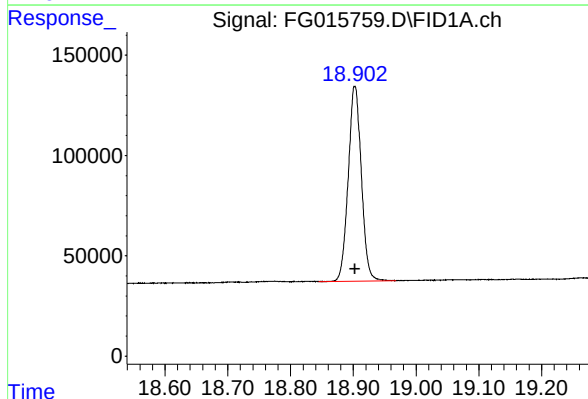
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 1399747
Conc: 10.64 ug/ml



#13 N-TRIACONTANE

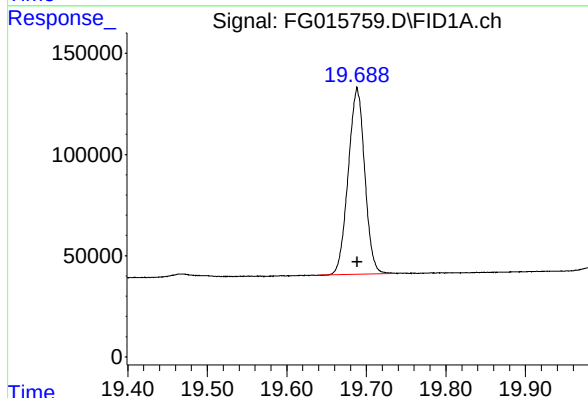
R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 1412539
Conc: 10.64 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



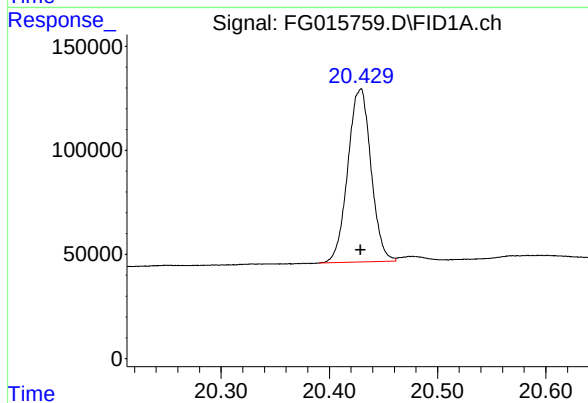
#14 N-DOTRIACONTANE

R.T.: 18.903 min
Delta R.T.: 0.000 min
Response: 1413302
Conc: 10.83 ug/ml



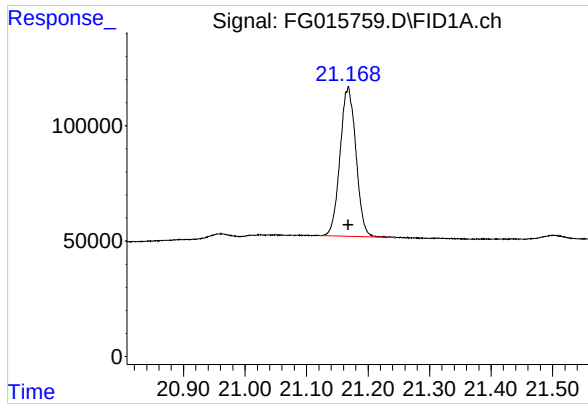
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 1328246
Conc: 11.02 ug/ml



#16 N-HEXATRIACONTANE

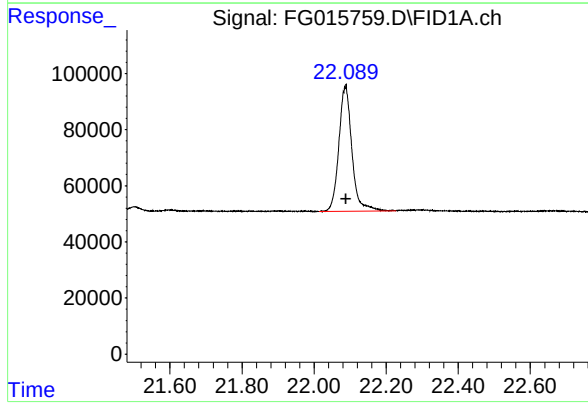
R.T.: 20.429 min
Delta R.T.: 0.000 min
Response: 1238523
Conc: 11.53 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 1158527
Conc: 11.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.088 min
Delta R.T.: 0.000 min
Response: 1119497
Conc: 12.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015759.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 12:16
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.975	1.937	2.069	BB	105583	1185572	83.02%	5.061%
2	4.502	4.466	4.601	BB	102001	1151939	80.67%	4.918%
3	6.684	6.655	6.802	BB	101210	1187117	83.13%	5.068%
4	8.520	8.482	8.636	BB	103482	1261201	88.32%	5.384%
5	10.134	10.103	10.251	BB	99417	1314900	92.08%	5.613%
6	11.581	11.543	11.679	BB	109455	1372556	96.12%	5.859%
7	12.894	12.859	12.976	BB	115658	1428003	100.00%	6.096%
8	14.097	14.049	14.163	BB	114084	1398103	97.91%	5.968%
9	14.999	14.950	15.075	BB	91364	1251163	87.62%	5.341%
10	15.204	15.158	15.273	BB	106974	1402010	98.18%	5.985%
11	16.227	16.173	16.305	BB	102334	1402199	98.19%	5.986%
12	17.179	17.104	17.253	BB	97529	1399747	98.02%	5.975%
13	18.068	18.011	18.139	BB	101750	1412539	98.92%	6.030%
14	18.903	18.845	18.968	BB	97211	1413302	98.97%	6.033%
15	19.688	19.640	19.737	BB	92505	1328246	93.01%	5.670%
16	20.429	20.390	20.461	BV	83009	1238523	86.73%	5.287%
17	21.168	21.120	21.245	BB	64968	1158527	81.13%	4.946%
18	22.088	22.014	22.227	BB	45168	1119497	78.40%	4.779%
Sum of corrected areas:							23425144	

FG042425.M Thu Apr 24 13:18:46 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015760.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 12:45
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 24 12:53:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:53:03 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.998	597973	5.079 ug/ml
Target Compounds			
1) N-OCTANE	1.977	551237	4.891 ug/ml
2) N-DECANE	4.503	509093	4.573 ug/ml
3) N-DODECANE	6.684	507207	4.426 ug/ml
4) N-TETRADECANE	8.520	571671	4.718 ug/ml
5) N-HEXADECANE	10.135	604971	4.819 ug/ml
6) N-OCTADECANE	11.581	652759	4.981 ug/ml
7) N-EICOSANE	12.895	691598	5.101 ug/ml
8) N-DOCOSANE	14.096	675439	5.093 ug/ml
10) N-TETRACOSANE	15.202	676031	5.087 ug/ml
11) N-HEXACOSANE	16.227	669566	5.049 ug/ml
12) N-OCTACOSANE	17.179	665315	5.047 ug/ml
13) N-TRIACONTANE	18.069	677422	5.081 ug/ml
14) N-DOTRIACONTANE	18.902	685497	5.200 ug/ml
15) N-TETRATRIACONTANE	19.688	612187	5.062 ug/ml
16) N-HEXATRIACONTANE	20.429	531350	4.956 ug/ml
17) N-OCTATRIACONTANE	21.169	459713	4.772 ug/ml
18) N-TETRACONTANE	22.088	425456	4.778 ug/ml

(f)=RT Delta > 1/2 Window

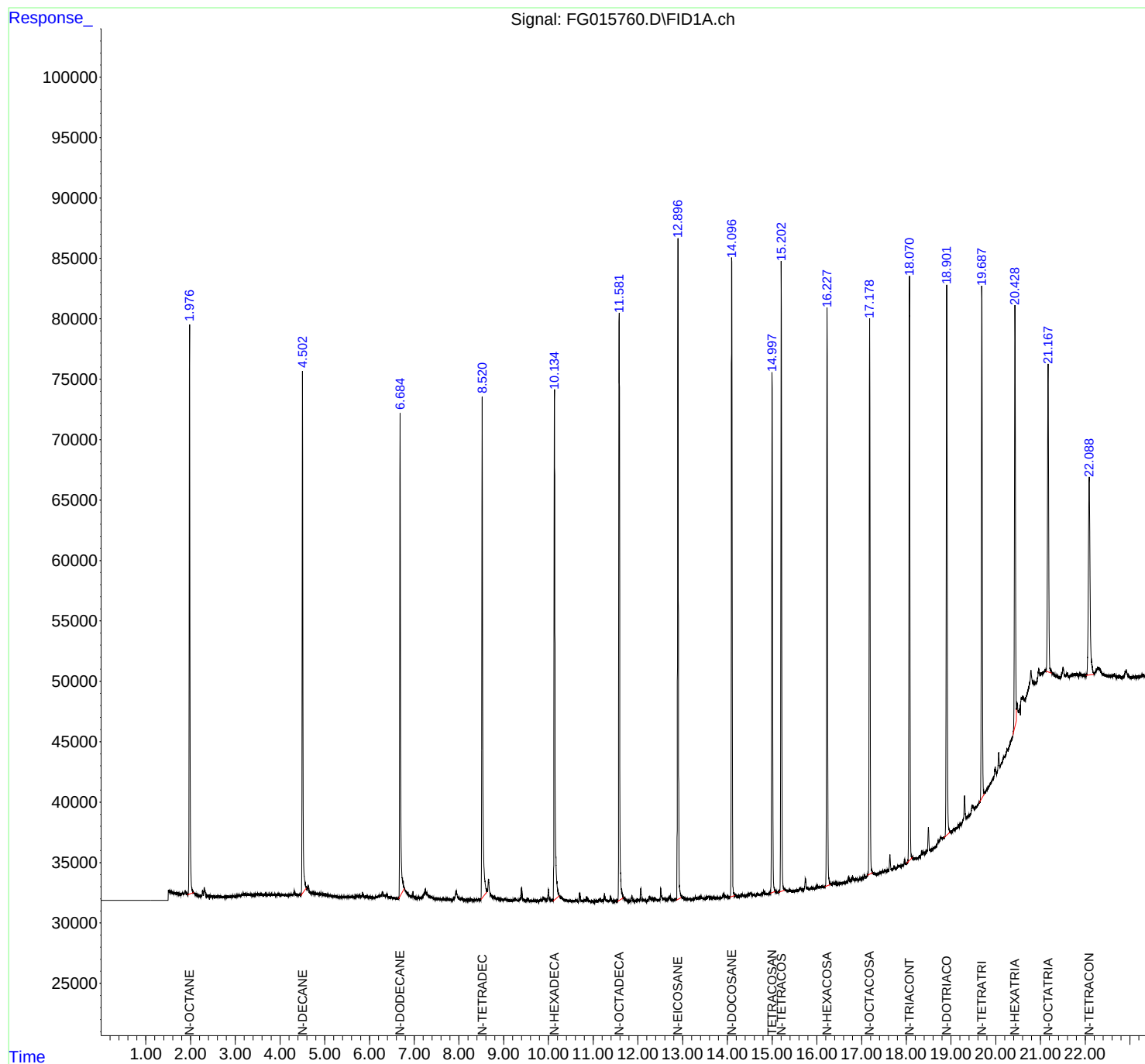
(m)=manual int.

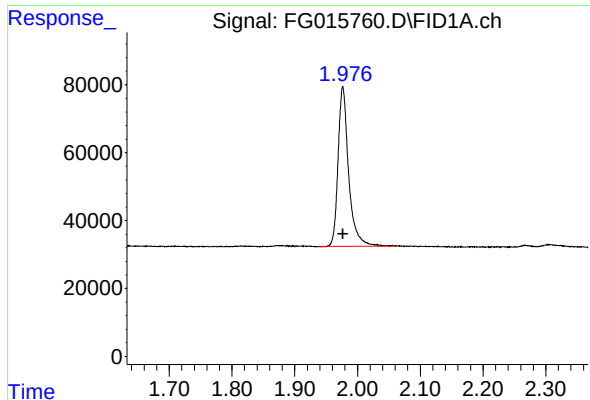
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015760.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 12:45
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

Integration File: autoint1.e
Quant Time: Apr 24 12:53:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:53:03 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

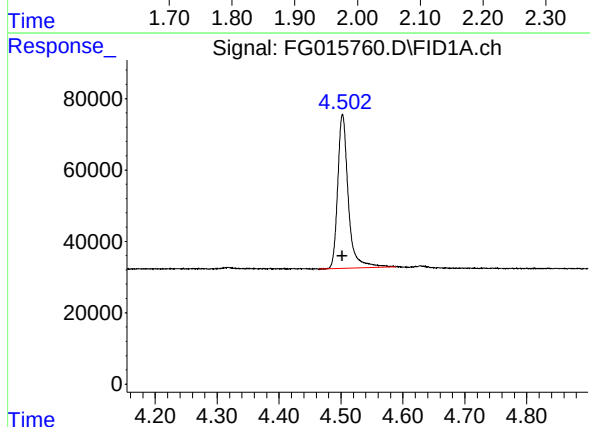




#1 N-OCTANE

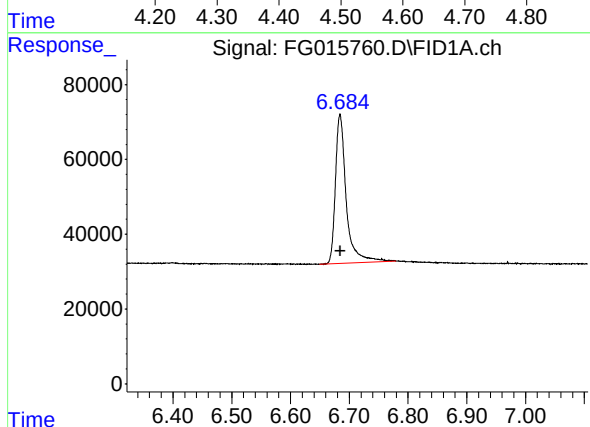
R.T.: 1.977 min
Delta R.T.: 0.000 min
Response: 551237
Conc: 4.89 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



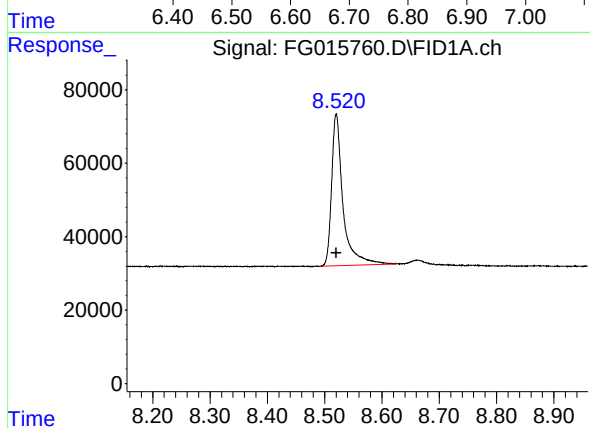
#2 N-DECANE

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 509093
Conc: 4.57 ug/ml



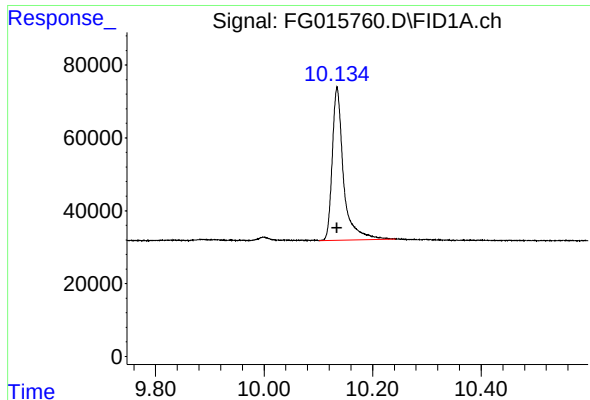
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 507207
Conc: 4.43 ug/ml



#4 N-TETRADECANE

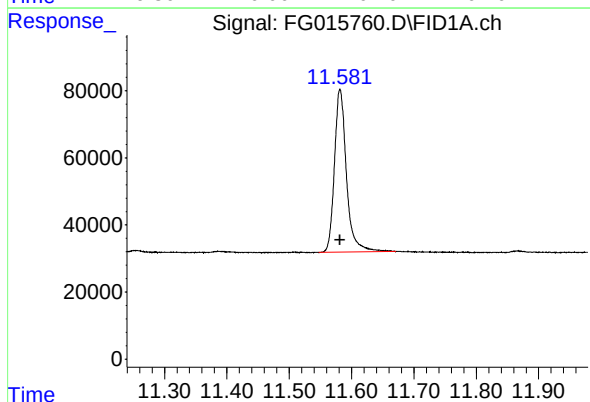
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 571671
Conc: 4.72 ug/ml



#5 N-HEXADECANE

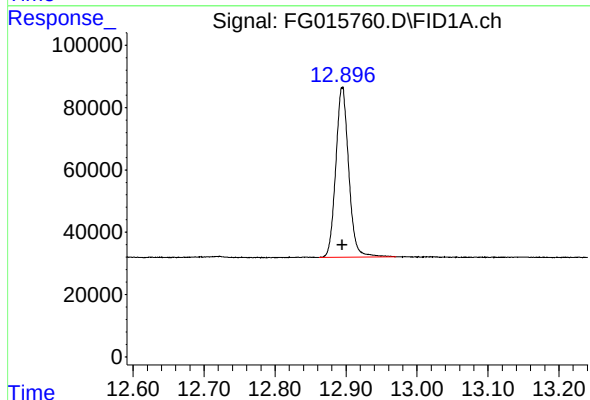
R.T.: 10.135 min
Delta R.T.: 0.000 min
Response: 604971
Conc: 4.82 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



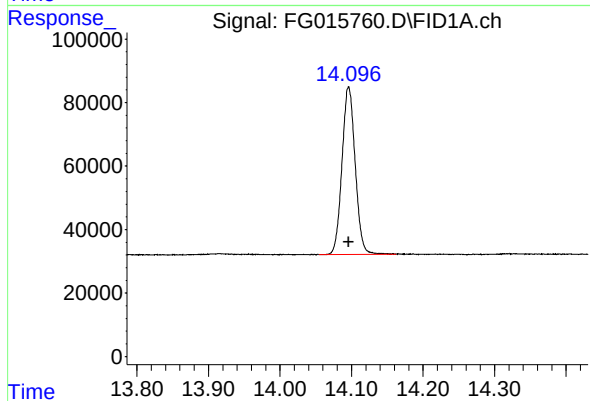
#6 N-OCTADECANE

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 652759
Conc: 4.98 ug/ml



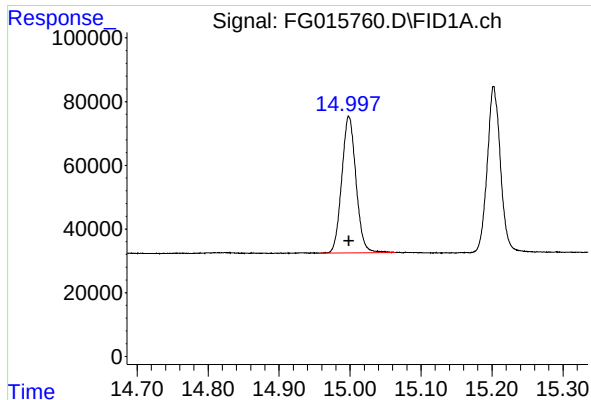
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 691598
Conc: 5.10 ug/ml



#8 N-DOCOSANE

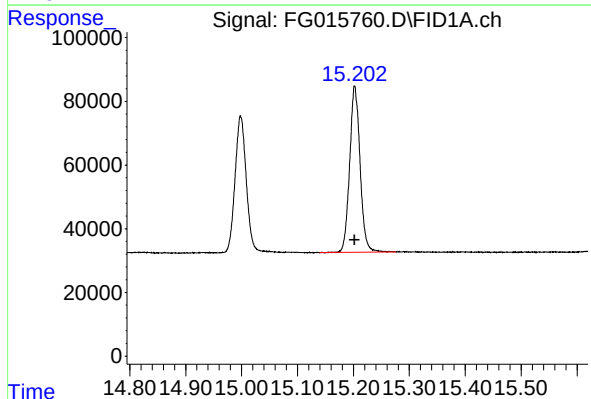
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 675439
Conc: 5.09 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

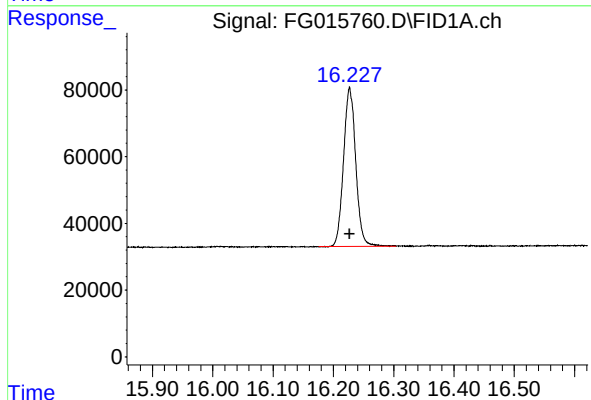
R.T.: 14.998 min
Delta R.T.: 0.000 min
Response: 597973
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



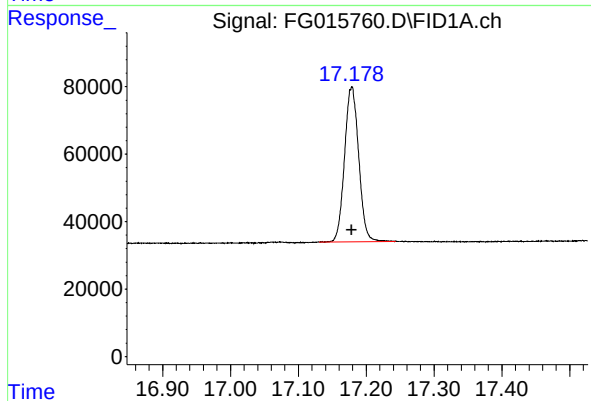
#10 N-TETRACOSANE

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 676031
Conc: 5.09 ug/ml



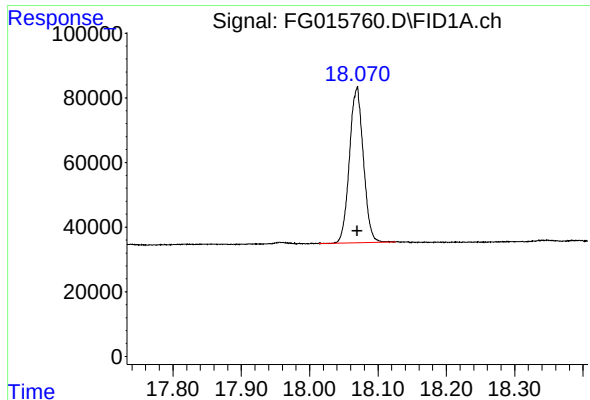
#11 N-HEXACOSANE

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 669566
Conc: 5.05 ug/ml



#12 N-OCTACOSANE

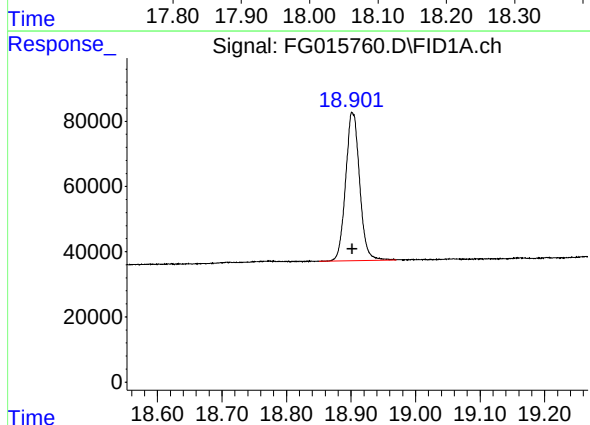
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 665315
Conc: 5.05 ug/ml



#13 N-TRIACONTANE

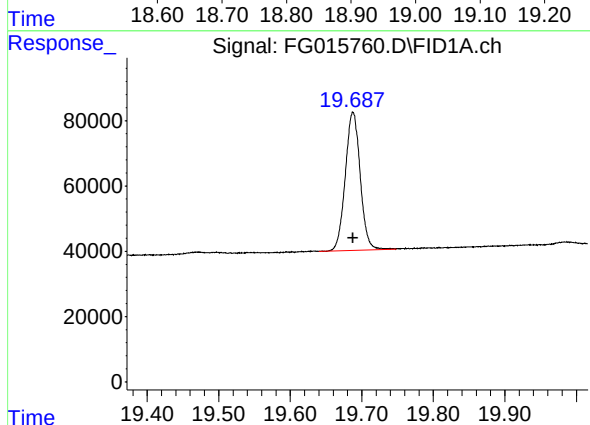
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 677422
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



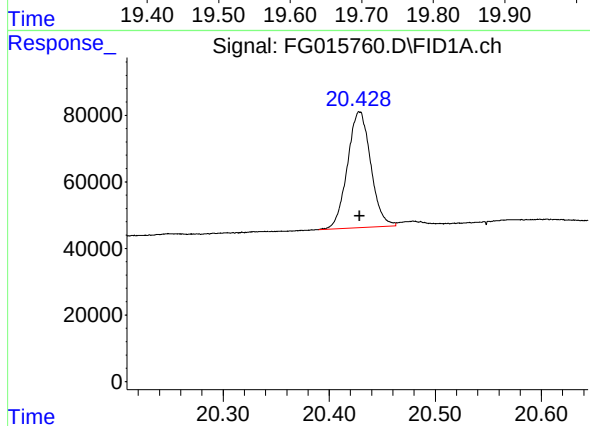
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 685497
Conc: 5.20 ug/ml



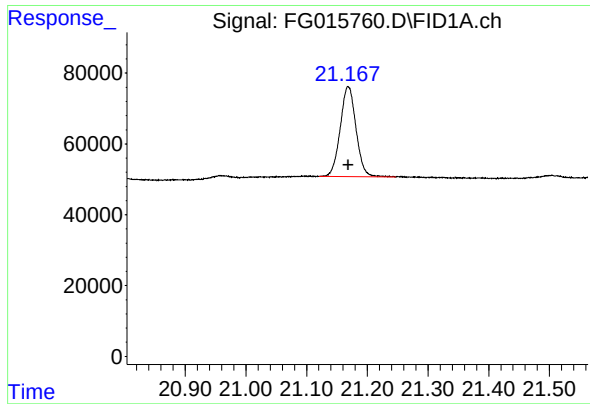
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 612187
Conc: 5.06 ug/ml



#16 N-HEXATRIACONTANE

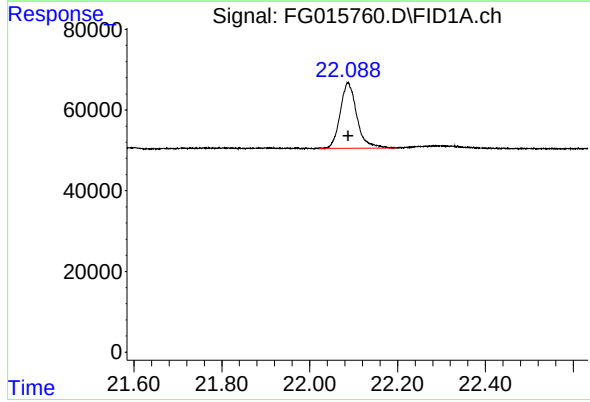
R.T.: 20.429 min
Delta R.T.: 0.000 min
Response: 531350
Conc: 4.96 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.169 min
Delta R.T.: 0.000 min
Response: 459713
Conc: 4.77 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.088 min
Delta R.T.: 0.000 min
Response: 425456
Conc: 4.78 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015760.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 12:45
Sample : 5 TRPH STD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.977	1.939	2.061	BB	47137	551237	79.70%	5.121%
2	4.503	4.465	4.589	BB	43181	509093	73.61%	4.729%
3	6.684	6.649	6.780	BB	39956	507207	73.34%	4.712%
4	8.520	8.490	8.624	BB	41407	571671	82.66%	5.311%
5	10.135	10.101	10.243	BB	42133	604971	87.47%	5.620%
6	11.581	11.548	11.671	BB	48580	652759	94.38%	6.064%
7	12.895	12.862	12.970	BB	54237	691598	100.00%	6.425%
8	14.096	14.055	14.162	BB	52891	675439	97.66%	6.275%
9	14.998	14.956	15.065	BB	42665	597973	86.46%	5.555%
10	15.202	15.139	15.276	BB	52148	676031	97.75%	6.280%
11	16.227	16.176	16.304	BB	47808	669566	96.81%	6.220%
12	17.179	17.130	17.244	BB	45997	665315	96.20%	6.181%
13	18.069	18.014	18.126	BB	47882	677422	97.95%	6.293%
14	18.902	18.850	18.970	BB	45364	685497	99.12%	6.368%
15	19.688	19.640	19.748	BB	42275	612187	88.52%	5.687%
16	20.429	20.390	20.463	BV	34740	531350	76.83%	4.936%
17	21.169	21.120	21.247	BB	25451	459713	66.47%	4.271%
18	22.088	22.021	22.196	BB	16340	425456	61.52%	3.952%
Sum of corrected areas:							10764484	

FG042425.M Thu Apr 24 13:19:16 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015761.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 13:14
 Operator : YP\AJ
 Sample : FG042225ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG042225ICV

Integration File: autoint1.e
 Quant Time: Apr 24 13:22:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.002	5703592	48.444 ug/ml
Target Compounds			
1) N-OCTANE	1.974	5510430	48.896 ug/ml
2) N-DECANE	4.503	5641970	50.676 ug/ml
3) N-DODECANE	6.686	5866110	51.187 ug/ml
4) N-TETRADECANE	8.522	6094657	50.297 ug/ml
5) N-HEXADECANE	10.136	6265761	49.909 ug/ml
6) N-OCTADECANE	11.584	6463057	49.317 ug/ml
7) N-EICOSANE	12.898	6595058	48.645 ug/ml
8) N-DOCOSANE	14.101	6445107	48.595 ug/ml
10) N-TETRACOSANE	15.207	6455131	48.576 ug/ml
11) N-HEXACOSANE	16.231	6437369	48.540 ug/ml
12) N-OCTACOSANE	17.184	6356430	48.215 ug/ml
13) N-TRIACONTANE	18.074	6379777	47.853 ug/ml
14) N-DOTRIACONTANE	18.907	6133852	46.529 ug/ml
15) N-TETRATRIACONTANE	19.693	5542426	45.829 ug/ml
16) N-HEXATRIACONTANE	20.432	4717169	43.996 ug/ml
17) N-OCTATRIACONTANE	21.170	4060290	42.150 ug/ml
18) N-TETRACONTANE	22.087	3600811	40.438 ug/ml

(f)=RT Delta > 1/2 Window

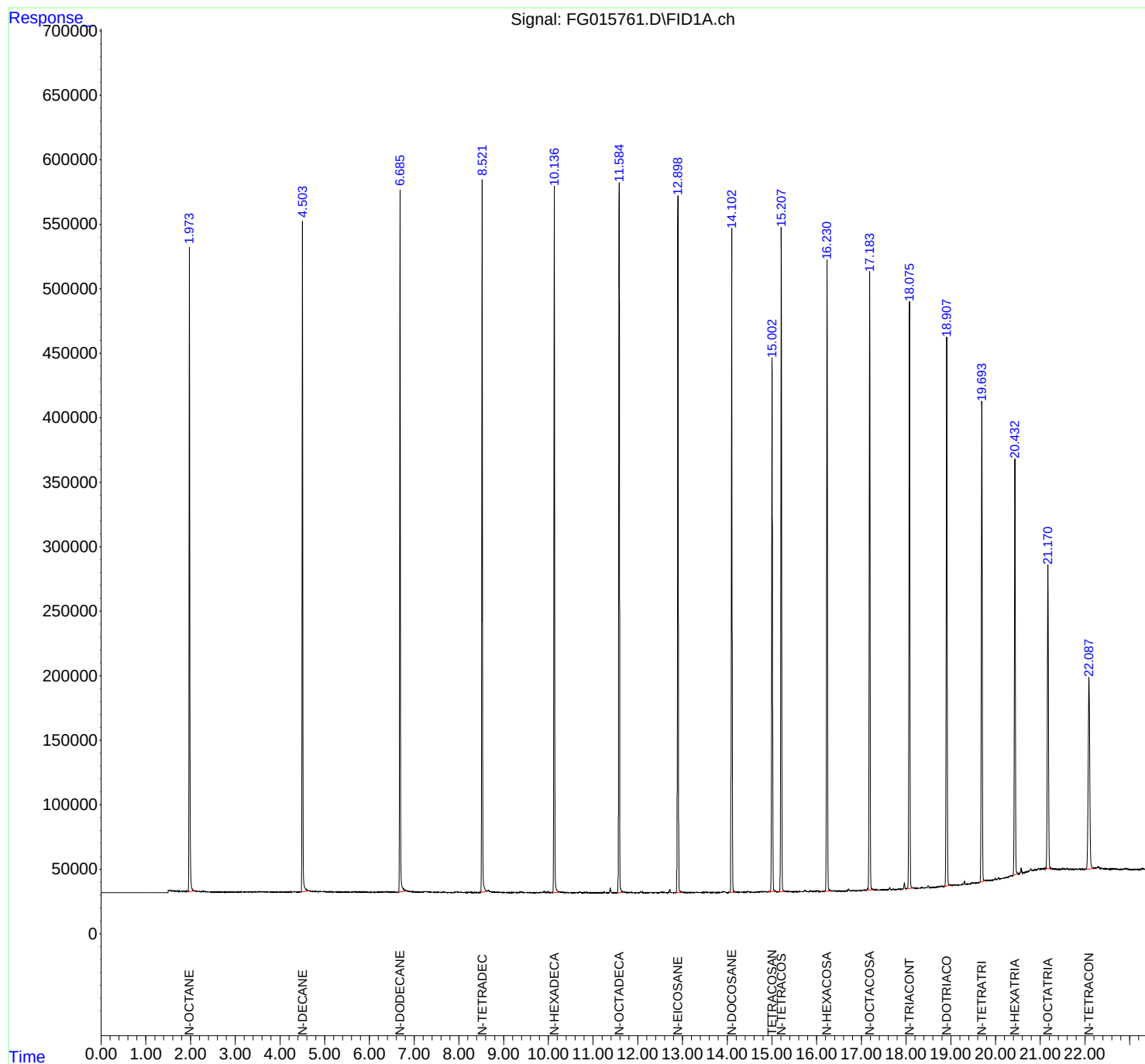
(m)=manual int.

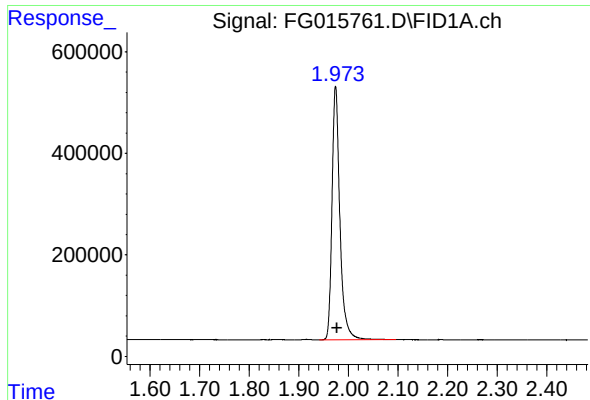
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015761.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 13:14
Operator : YP\AJ
Sample : FG042225ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
FG042225ICV

Integration File: autoint1.e
Quant Time: Apr 24 13:22:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Quant Title :
QLast Update : Thu Apr 24 12:54:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

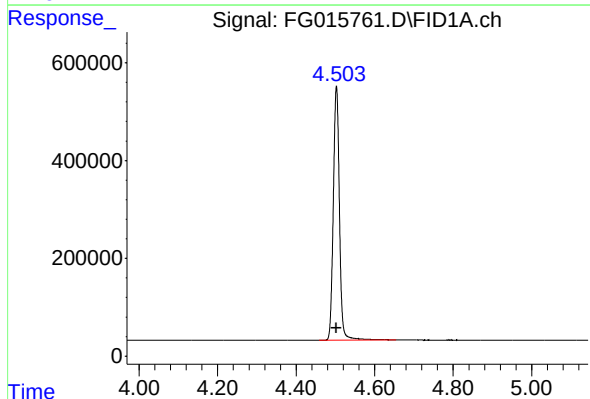




#1 N-OCTANE

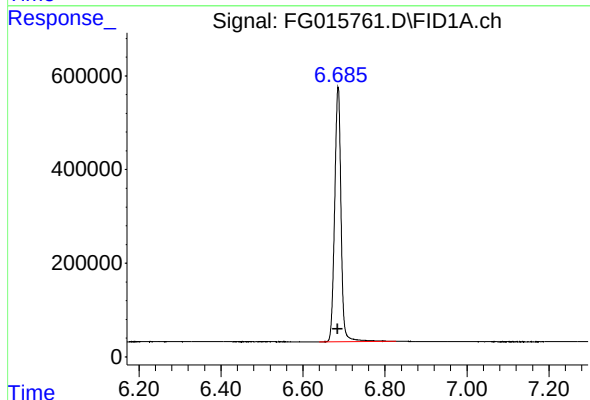
R.T.: 1.974 min
Delta R.T.: -0.003 min
Response: 5510430
Conc: 48.90 ug/ml

Instrument :
FID_G
ClientSampleId :
FG042225ICV



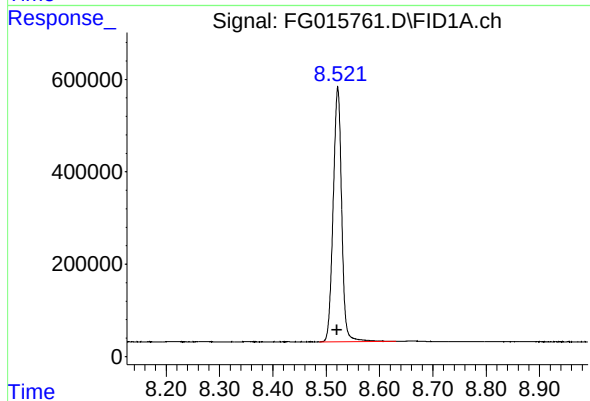
#2 N-DECANE

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5641970
Conc: 50.68 ug/ml



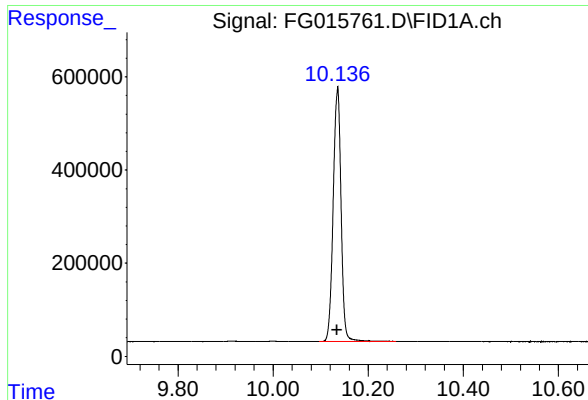
#3 N-DODECANE

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 5866110
Conc: 51.19 ug/ml



#4 N-TETRADECANE

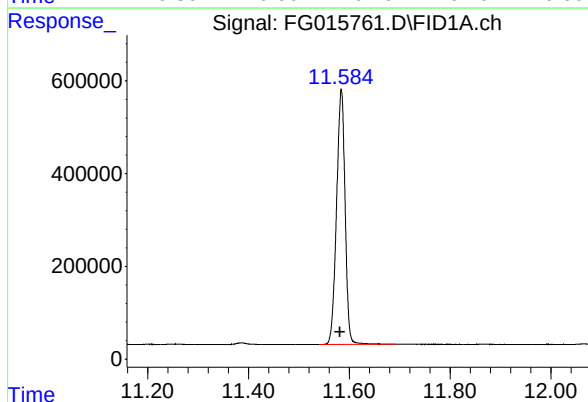
R.T.: 8.522 min
Delta R.T.: 0.001 min
Response: 6094657
Conc: 50.30 ug/ml



#5 N-HEXADECANE

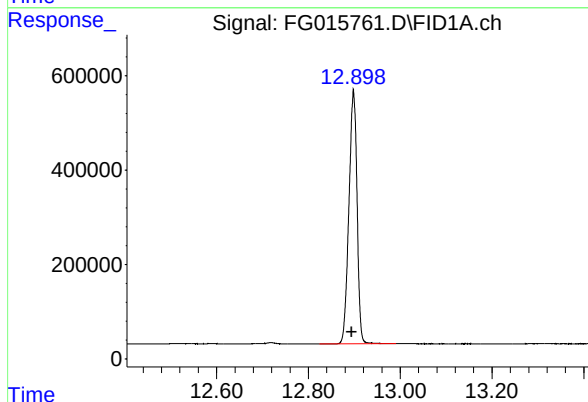
R.T.: 10.136 min
Delta R.T.: 0.001 min
Response: 6265761
Conc: 49.91 ug/ml

Instrument :
FID_G
ClientSampleId :
FG042225ICV



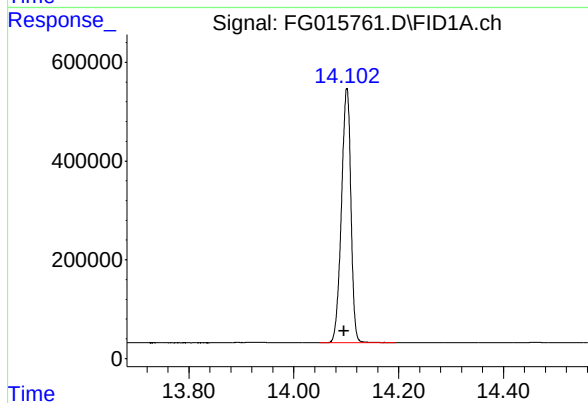
#6 N-OCTADECANE

R.T.: 11.584 min
Delta R.T.: 0.003 min
Response: 6463057
Conc: 49.32 ug/ml



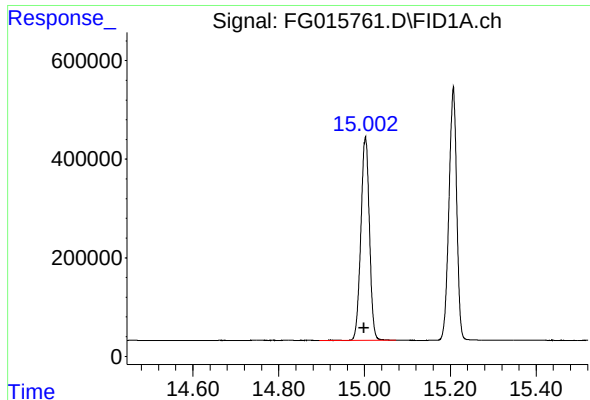
#7 N-EICOSANE

R.T.: 12.898 min
Delta R.T.: 0.004 min
Response: 6595058
Conc: 48.64 ug/ml



#8 N-DOCOSANE

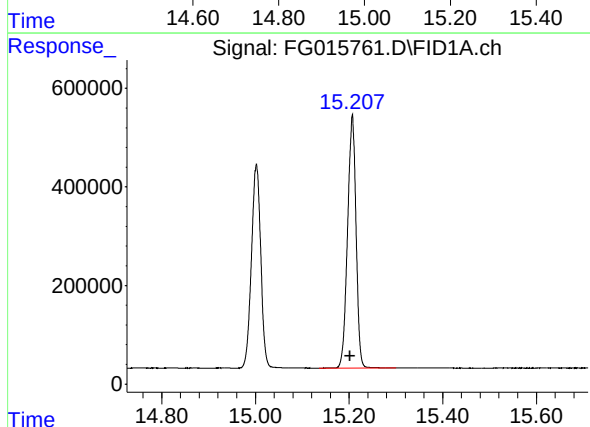
R.T.: 14.101 min
Delta R.T.: 0.005 min
Response: 6445107
Conc: 48.59 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

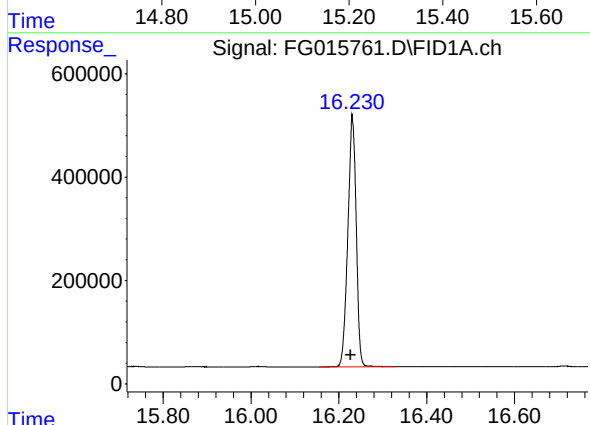
R.T.: 15.002 min
Delta R.T.: 0.004 min
Response: 5703592
Conc: 48.44 ug/ml

Instrument :
FID_G
ClientSampleId :
FG042225ICV



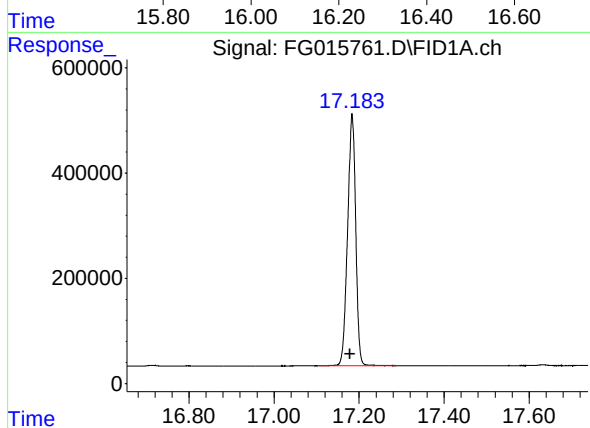
#10 N-TETRACOSANE

R.T.: 15.207 min
Delta R.T.: 0.005 min
Response: 6455131
Conc: 48.58 ug/ml



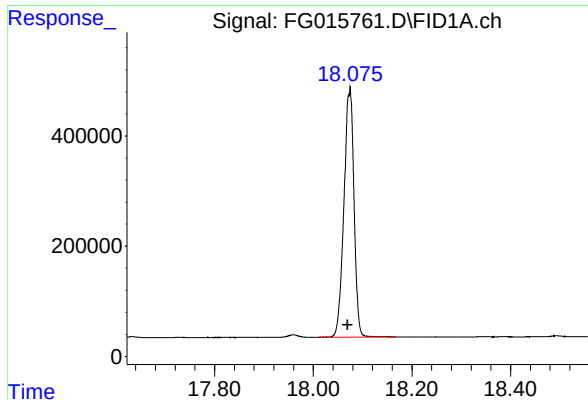
#11 N-HEXACOSANE

R.T.: 16.231 min
Delta R.T.: 0.004 min
Response: 6437369
Conc: 48.54 ug/ml



#12 N-OCTACOSANE

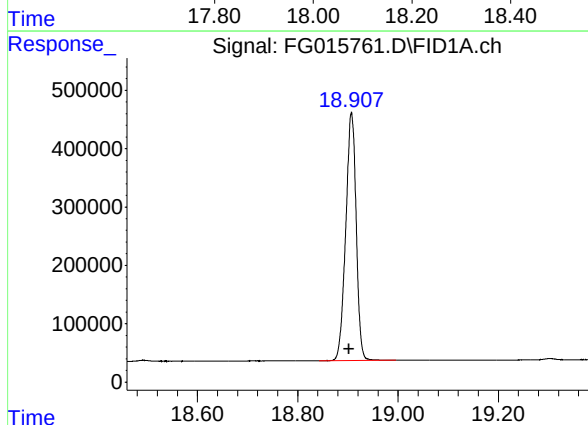
R.T.: 17.184 min
Delta R.T.: 0.005 min
Response: 6356430
Conc: 48.22 ug/ml



#13 N-TRIACONTANE

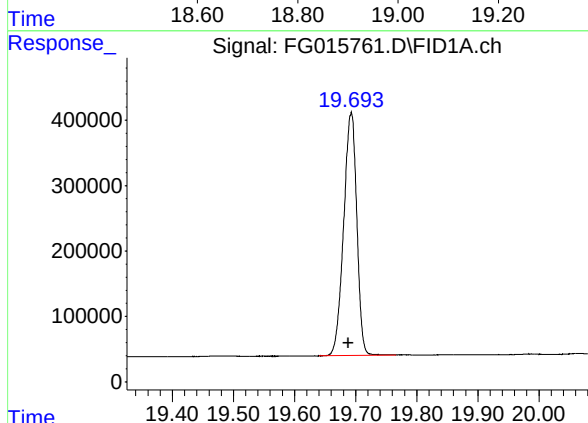
R.T.: 18.074 min
Delta R.T.: 0.005 min
Response: 6379777
Conc: 47.85 ug/ml

Instrument :
FID_G
ClientSampleId :
FG042225ICV



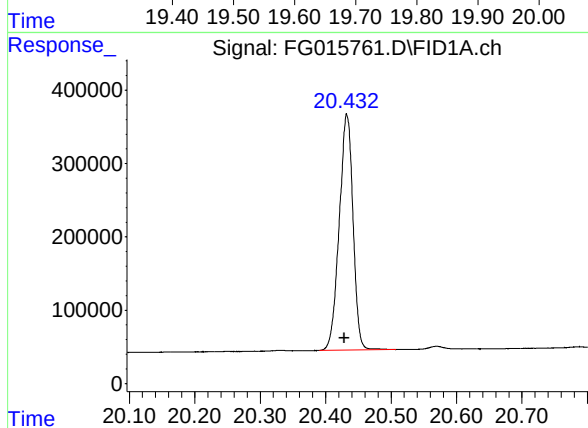
#14 N-DOTRIACONTANE

R.T.: 18.907 min
Delta R.T.: 0.005 min
Response: 6133852
Conc: 46.53 ug/ml



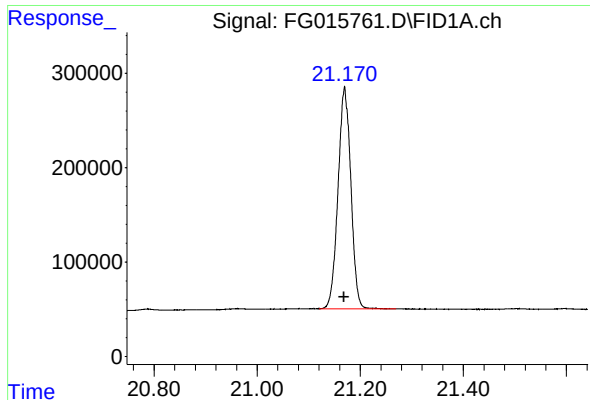
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: 0.005 min
Response: 5542426
Conc: 45.83 ug/ml



#16 N-HEXATRIACONTANE

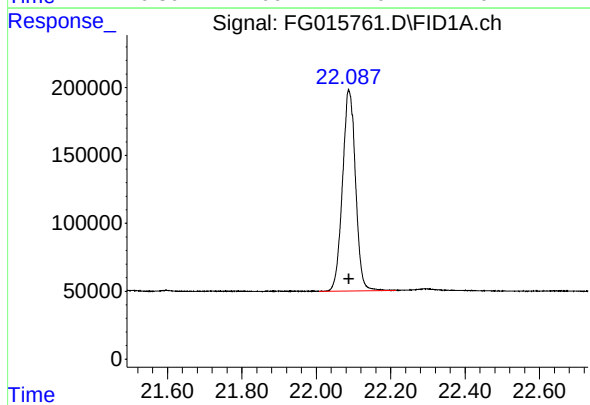
R.T.: 20.432 min
Delta R.T.: 0.004 min
Response: 4717169
Conc: 44.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.170 min
Delta R.T.: 0.001 min
Response: 4060290
Conc: 42.15 ug/ml

Instrument :
FID_G
ClientSampleId :
FG042225ICV



#18 N-TETRACONTANE

R.T.: 22.087 min
Delta R.T.: 0.000 min
Response: 3600811
Conc: 40.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
Data File : FG015761.D
Signal(s) : FID1A.ch
Acq On : 24 Apr 2025 13:14
Sample : FG042225ICV
Misc :
ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.974	1.941	2.096	BB	498673	5510430	83.55%	5.285%
2	4.503	4.458	4.654	BB	519614	5641970	85.55%	5.411%
3	6.686	6.639	6.827	BB	542865	5866110	88.95%	5.626%
4	8.522	8.487	8.631	BV	551733	6094657	92.41%	5.845%
5	10.136	10.097	10.258	BB	545251	6265761	95.01%	6.009%
6	11.584	11.540	11.693	BB	548843	6463057	98.00%	6.198%
7	12.898	12.823	12.991	BB	538074	6595058	100.00%	6.325%
8	14.101	14.048	14.195	BB	513981	6445107	97.73%	6.181%
9	15.002	14.894	15.073	BV	414129	5703592	86.48%	5.470%
10	15.207	15.136	15.300	BB	515504	6455131	97.88%	6.191%
11	16.231	16.155	16.330	BB	485122	6437369	97.61%	6.174%
12	17.184	17.106	17.287	BB	479206	6356430	96.38%	6.096%
13	18.074	18.012	18.168	BB	447217	6379777	96.74%	6.119%
14	18.907	18.843	18.996	BB	423311	6133852	93.01%	5.883%
15	19.693	19.640	19.766	BB	371183	5542426	84.04%	5.316%
16	20.432	20.390	20.508	BB	321020	4717169	71.53%	4.524%
17	21.170	21.120	21.269	BB	234910	4060290	61.57%	3.894%
18	22.087	22.008	22.214	BB	148215	3600811	54.60%	3.453%
Sum of corrected areas:						104268994		

FG042425.M Thu Apr 24 14:33:53 2025