

TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: PARS02

ProjectID: Con Edison - East River Site 2

Lab Code: ACE

SDG No.: Q2592

Calibration Sequence : FG070925		Test : TPH GC	
Concentration (PPM)	Area Count	Reference Factor	File ID
1700	164717398	96893	FG016264.D
850	83171210	97848	FG016265.D
340	35101863	103241	FG016266.D
170	18639349	109643	FG016267.D
85	9352448	110029	FG016268.D
AVG RF : 103531		% RSD : 6.032	AVG RT : 15.201

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016264.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 10:02
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 11:31:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 11:29:23 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...	15.206	9405279	100.082 ug/ml
Target Compounds			
1) N-OCTANE	2.122	10513227	99.450 ug/ml
2) N-DECANE	4.674	10702599	99.406 ug/ml
3) N-DODECANE	6.857	10800733	99.625 ug/ml
4) N-TETRADECANE	8.698	10882051	99.537 ug/ml
5) N-HEXADECANE	10.318	10797207	99.753 ug/ml
6) N-OCTADECANE	11.772	10989703	99.792 ug/ml
7) N-EICOSANE	13.092	11210686	99.913 ug/ml
8) N-DOCOSANE	14.300	10833018	100.014 ug/ml
10) N-TETRACOSANE	15.413	10713606	99.998 ug/ml
11) N-HEXACOSANE	16.440	10326014	100.102 ug/ml
12) N-OCTACOSANE	17.396	10201832	100.042 ug/ml
13) N-TRIACONTANE	18.289	9982115	99.871 ug/ml
14) N-DOTRIACONTANE	19.126	9429909	99.711 ug/ml
15) N-TETRATRIACONTANE	19.914	8543544	99.113 ug/ml
16) N-HEXATRIACONTANE	20.657	7167275	98.469 ug/ml
17) N-OCTATRIACONTANE	21.447	6145879	97.425 ug/ml
18) N-TETRACONTANE	22.451	5478000	97.074 ug/ml

(f)=RT Delta > 1/2 Window

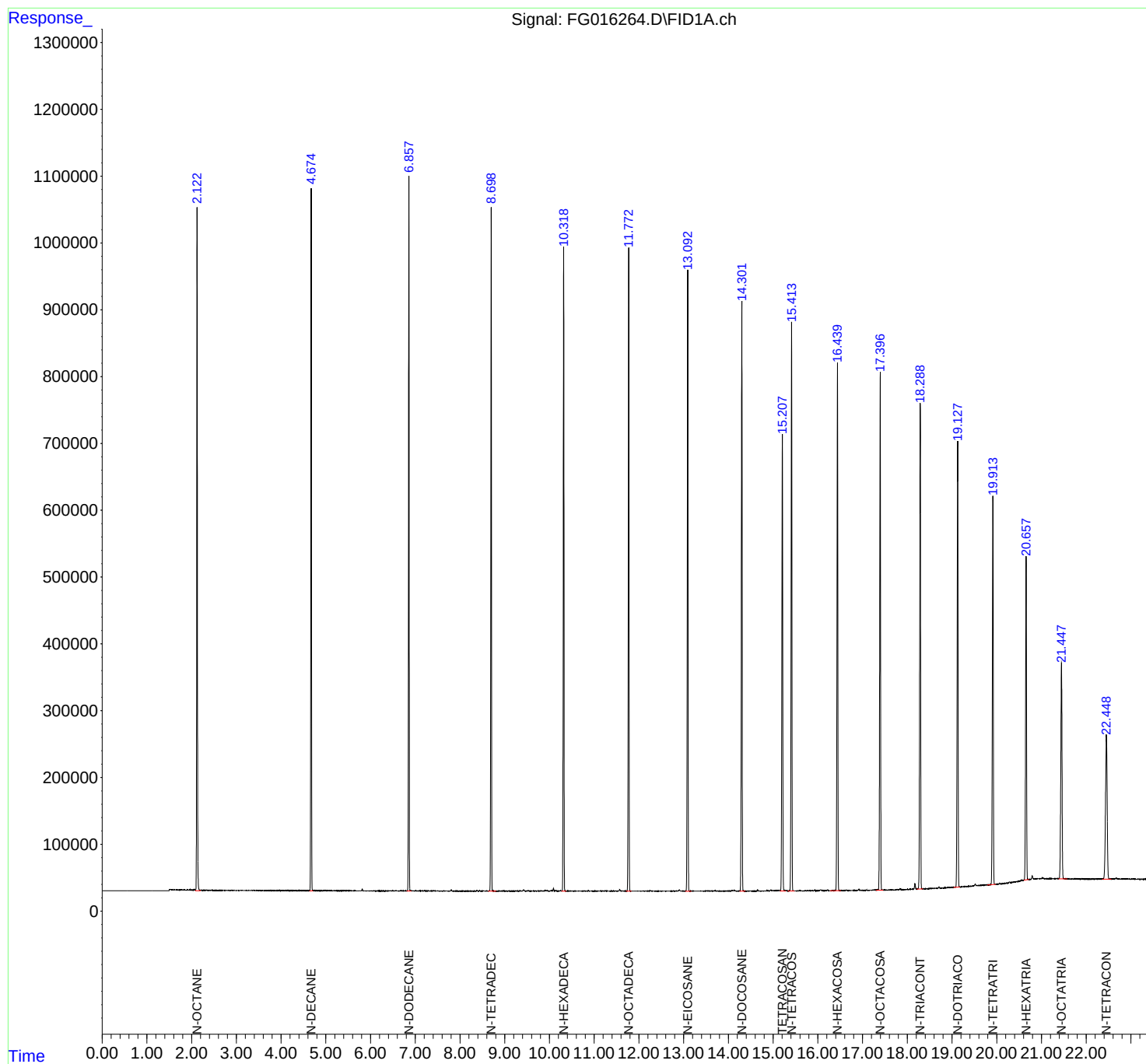
(m)=manual int.

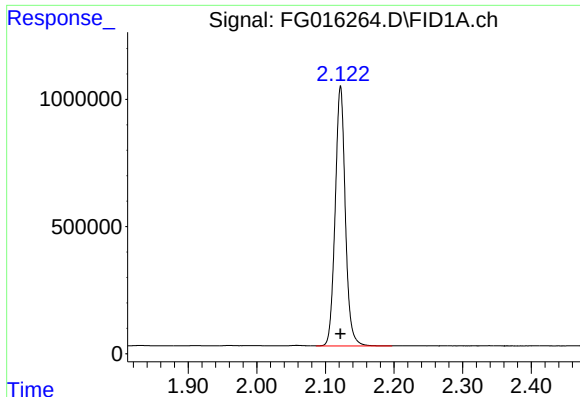
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016264.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 10:02
Operator : YP\AJ
Sample : 100 TRPH STD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 11:31:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 11:29:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

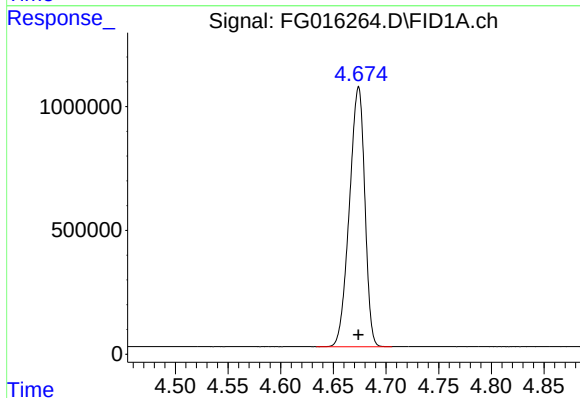




#1 N-OCTANE

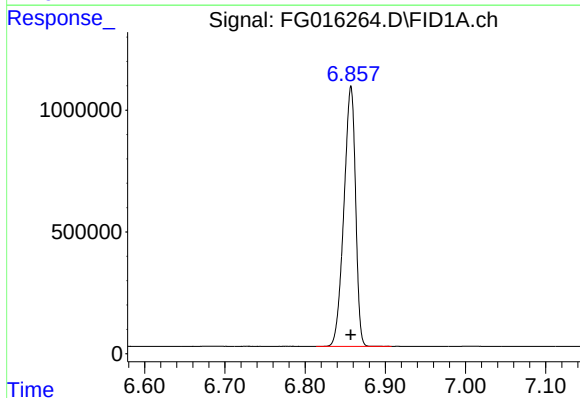
R.T.: 2.122 min
Delta R.T.: 0.000 min
Response: 10513227
Conc: 99.45 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



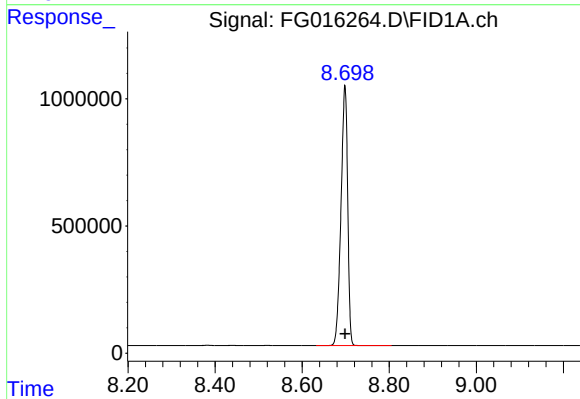
#2 N-DECANE

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 10702599
Conc: 99.41 ug/ml



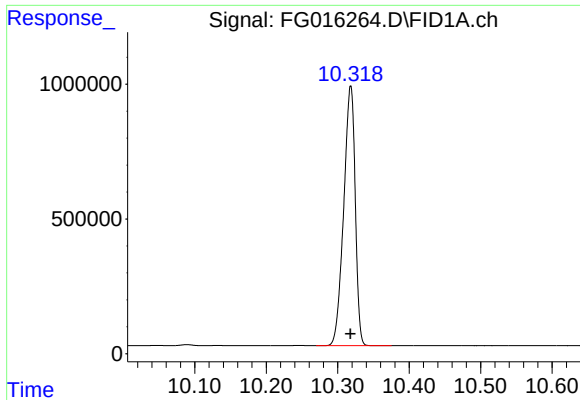
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 10800733
Conc: 99.62 ug/ml



#4 N-TETRADECANE

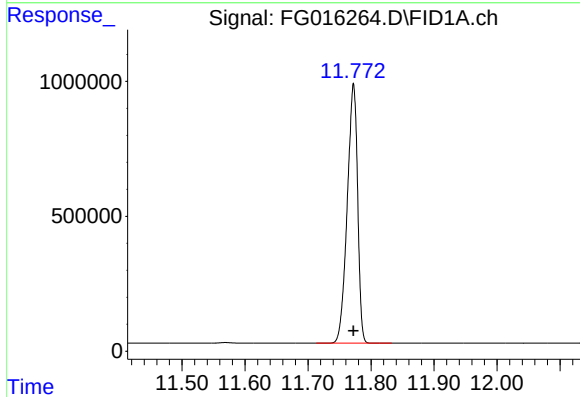
R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 10882051
Conc: 99.54 ug/ml



#5 N-HEXADECANE

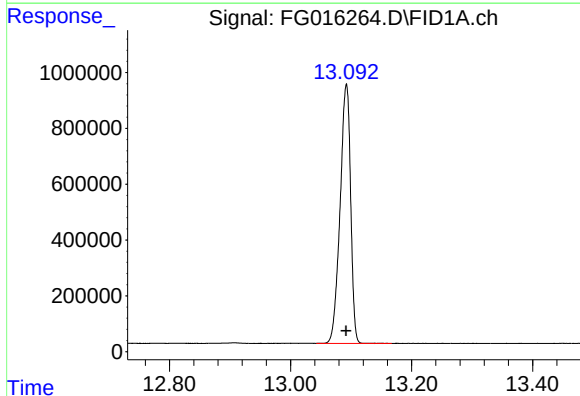
R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 10797207
Conc: 99.75 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



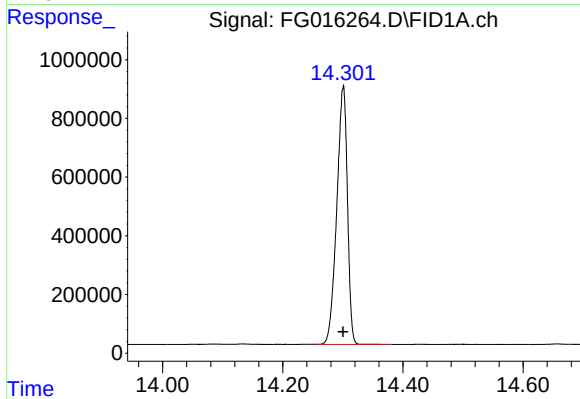
#6 N-OCTADECANE

R.T.: 11.772 min
Delta R.T.: 0.000 min
Response: 10989703
Conc: 99.79 ug/ml



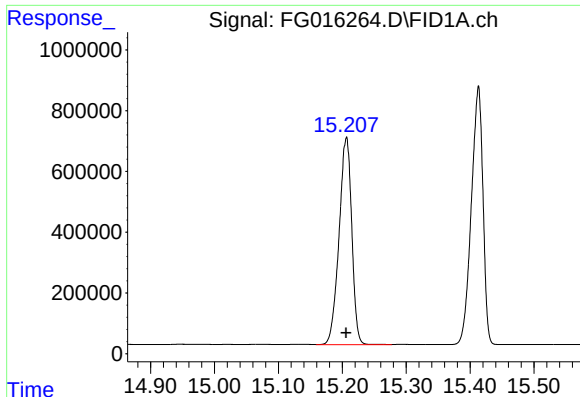
#7 N-EICOSANE

R.T.: 13.092 min
Delta R.T.: 0.000 min
Response: 11210686
Conc: 99.91 ug/ml



#8 N-DOCOSANE

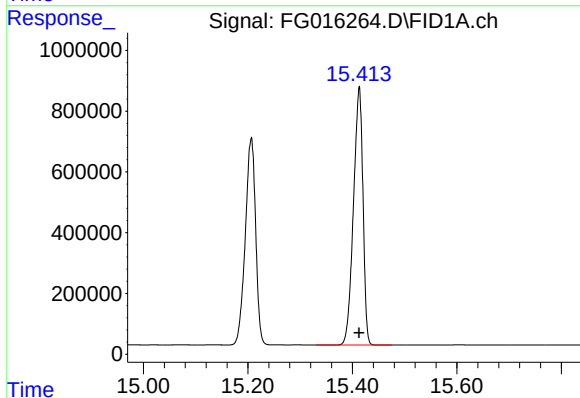
R.T.: 14.300 min
Delta R.T.: 0.000 min
Response: 10833018
Conc: 100.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

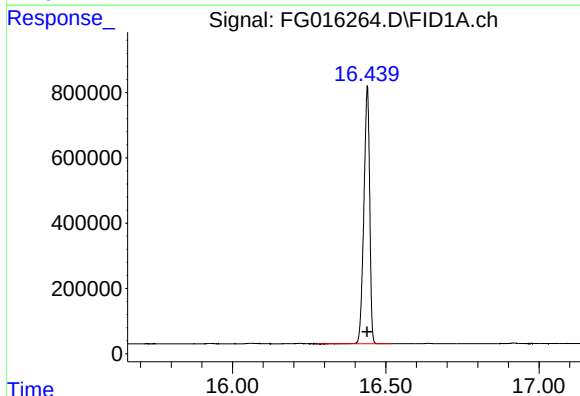
R.T.: 15.206 min
Delta R.T.: 0.000 min
Response: 9405279
Conc: 100.08 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



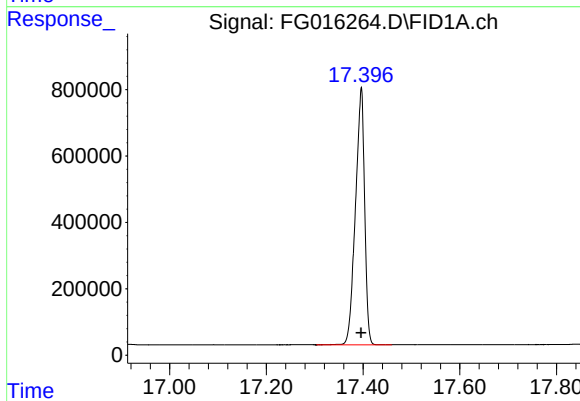
#10 N-TETRACOSANE

R.T.: 15.413 min
Delta R.T.: 0.000 min
Response: 10713606
Conc: 100.00 ug/ml



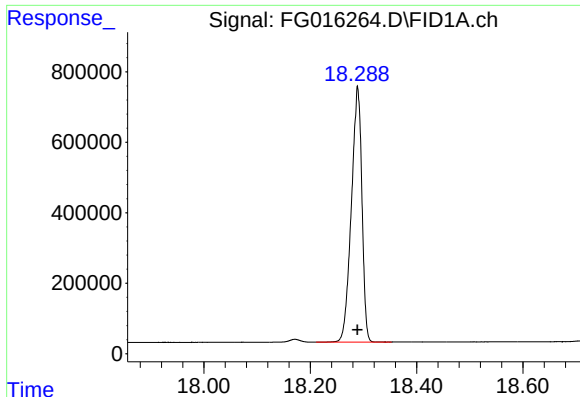
#11 N-HEXACOSANE

R.T.: 16.440 min
Delta R.T.: 0.000 min
Response: 10326014
Conc: 100.10 ug/ml



#12 N-OCTACOSANE

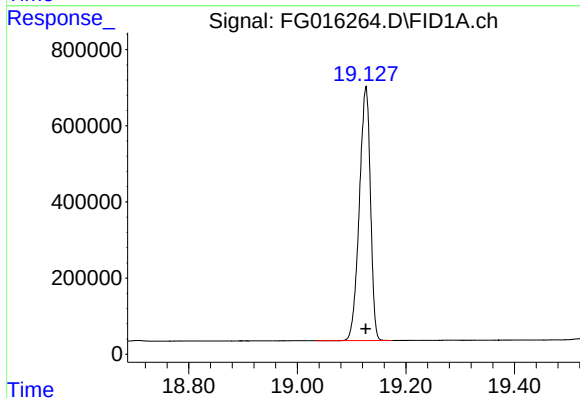
R.T.: 17.396 min
Delta R.T.: 0.000 min
Response: 10201832
Conc: 100.04 ug/ml



#13 N-TRIACONTANE

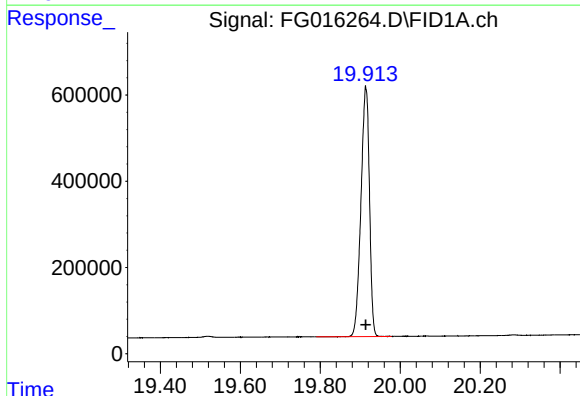
R.T.: 18.289 min
Delta R.T.: 0.000 min
Response: 9982115
Conc: 99.87 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



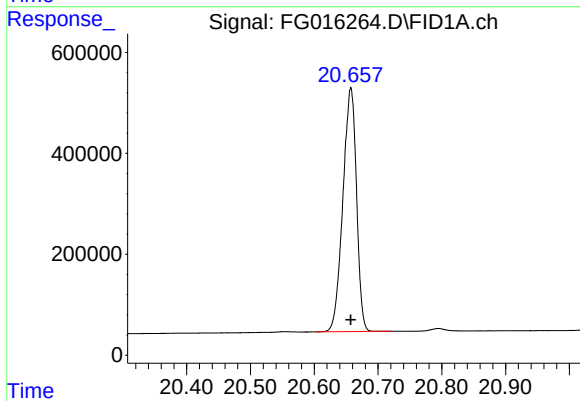
#14 N-DOTRIACONTANE

R.T.: 19.126 min
Delta R.T.: 0.000 min
Response: 9429909
Conc: 99.71 ug/ml



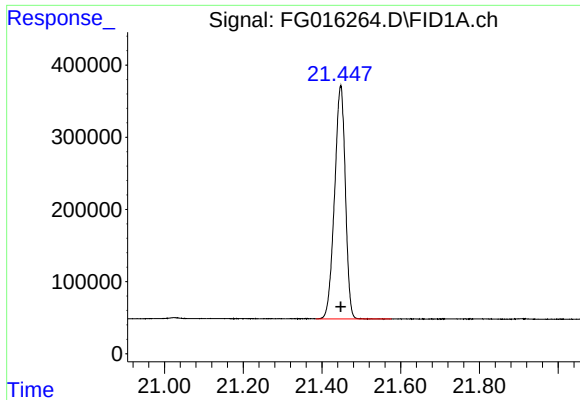
#15 N-TETRATRIACONTANE

R.T.: 19.914 min
Delta R.T.: 0.000 min
Response: 8543544
Conc: 99.11 ug/ml



#16 N-HEXATRIACONTANE

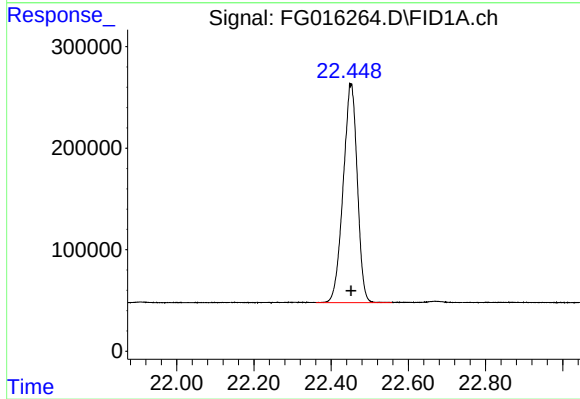
R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 7167275
Conc: 98.47 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.447 min
Delta R.T.: 0.000 min
Response: 6145879
Conc: 97.42 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.451 min
Delta R.T.: 0.000 min
Response: 5478000
Conc: 97.07 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016264.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 10:02
Sample : 100 TRPH STD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.122	2.087	2.197	BV	1020910	10466520	93.45%	6.019%
2	4.674	4.634	4.729	BB	1051157	10691060	95.46%	6.149%
3	6.857	6.813	6.906	BB	1070106	10787023	96.31%	6.204%
4	8.698	8.636	8.749	BB	1021475	10860671	96.97%	6.246%
5	10.318	10.272	10.372	BB	963509	10793384	96.37%	6.207%
6	11.772	11.719	11.816	BB	961958	10981588	98.05%	6.316%
7	13.092	13.039	13.143	BB	929619	11199918	100.00%	6.441%
8	14.301	14.218	14.357	BB	878478	10822522	96.63%	6.224%
9	15.207	15.162	15.275	BV	682427	9383425	83.78%	5.397%
10	15.413	15.355	15.468	BB	852505	10701717	95.55%	6.155%
11	16.440	16.368	16.498	BB	788812	10314448	92.09%	5.932%
12	17.396	17.306	17.461	BB	776135	10189144	90.98%	5.860%
13	18.289	18.221	18.352	BB	722627	9979216	89.10%	5.739%
14	19.126	19.061	19.172	BB	668235	9425243	84.15%	5.421%
15	19.914	19.831	19.957	BB	576345	8531462	76.17%	4.907%
16	20.657	20.600	20.718	BB	483955	7166469	63.99%	4.122%
17	21.448	21.377	21.534	BB	322275	6133886	54.77%	3.528%
18	22.452	22.359	22.539	BV	215235	5450683	48.67%	3.135%
Sum of corrected areas:						173878379		

FG070925.M Wed Jul 09 12:54:07 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016265.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 11:05
 Operator : YP\AJ
 Sample : 50 TRPH STD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 11:29:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 11:29:23 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...	15.203	4694890	50.000 ug/ml
Target Compounds			
1) N-OCTANE	2.121	5314789	50.000 ug/ml
2) N-DECANE	4.672	5415291	50.000 ug/ml
3) N-DODECANE	6.854	5441040	50.000 ug/ml
4) N-TETRADECANE	8.696	5491667	50.000 ug/ml
5) N-HEXADECANE	10.316	5425386	50.000 ug/ml
6) N-OCTADECANE	11.770	5517704	50.000 ug/ml
7) N-EICOSANE	13.089	5615135	50.000 ug/ml
8) N-DOCOSANE	14.297	5414999	50.000 ug/ml
10) N-TETRACOSANE	15.408	5357048	50.000 ug/ml
11) N-HEXACOSANE	16.437	5152435	50.000 ug/ml
12) N-OCTACOSANE	17.393	5096594	50.000 ug/ml
13) N-TRIACONTANE	18.286	5003991	50.000 ug/ml
14) N-DOTRIACONTANE	19.123	4742292	50.000 ug/ml
15) N-TETRATRIACONTANE	19.911	4348240	50.000 ug/ml
16) N-HEXATRIACONTANE	20.654	3695076	50.000 ug/ml
17) N-OCTATRIACONTANE	21.445	3235381	50.000 ug/ml
18) N-TETRACONTANE	22.452	2904142	50.000 ug/ml

(f)=RT Delta > 1/2 Window

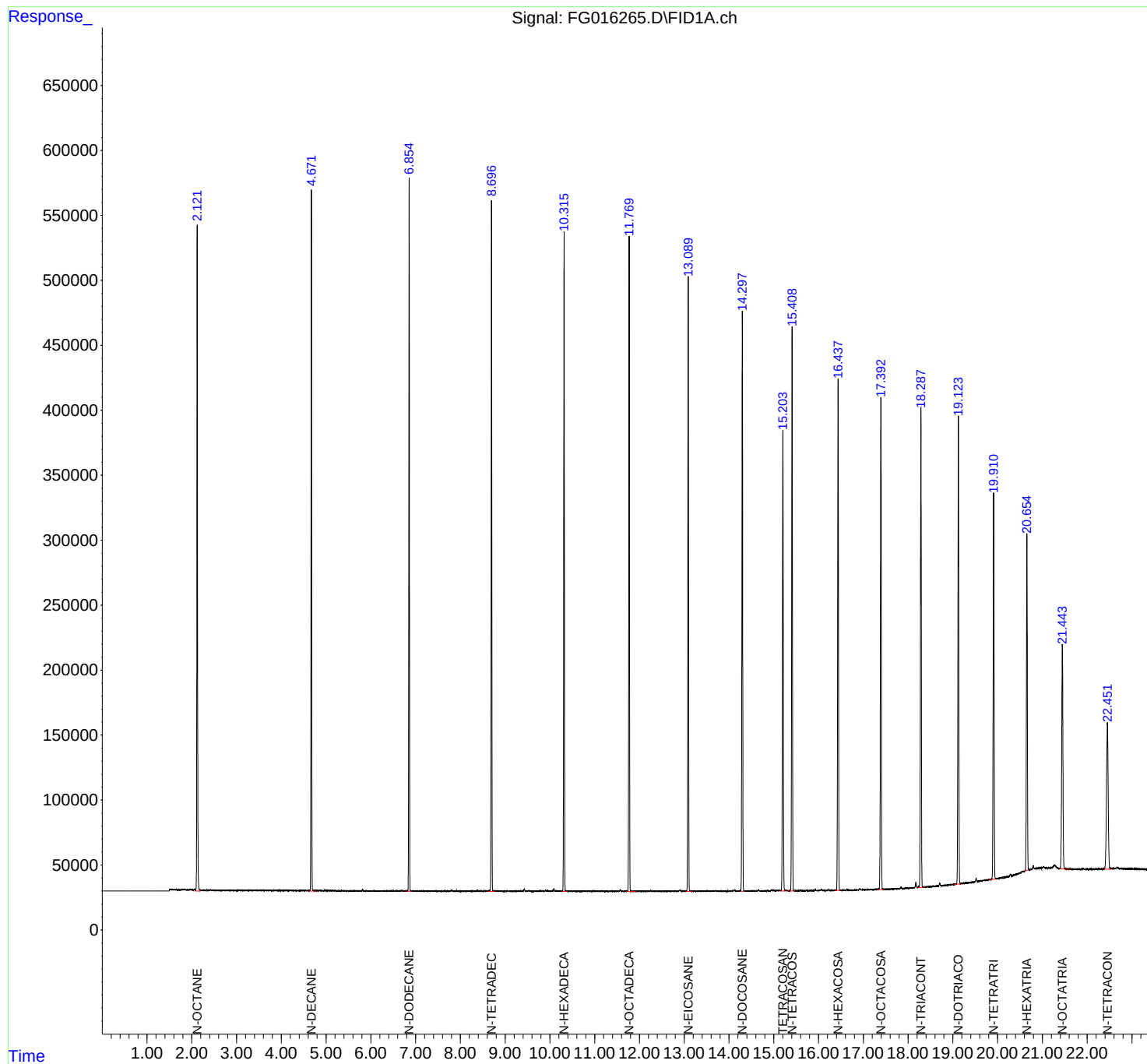
(m)=manual int.

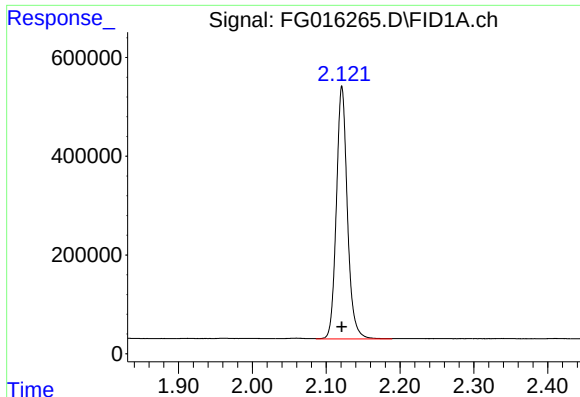
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016265.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 11:05
Operator : YP\AJ
Sample : 50 TRPH STD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 11:29:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 11:29:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

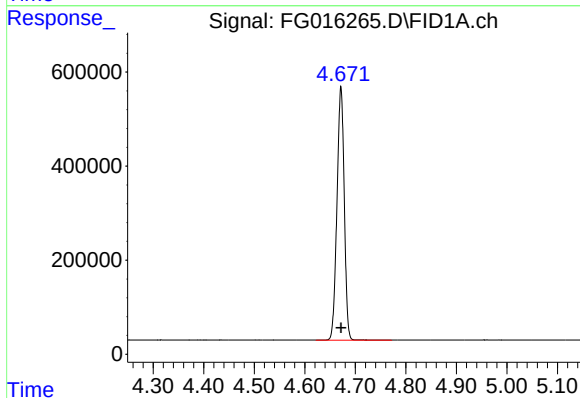




#1 N-OCTANE

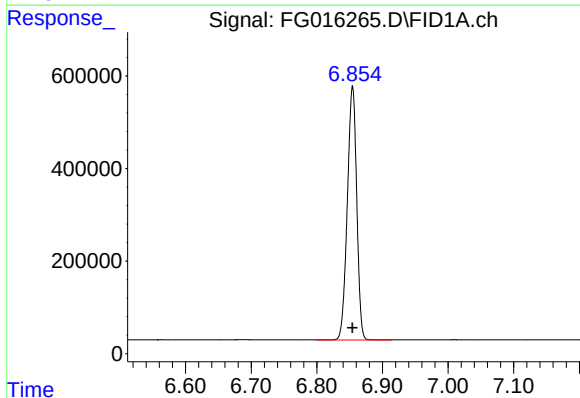
R.T.: 2.121 min
Delta R.T.: 0.000 min
Response: 5314789
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



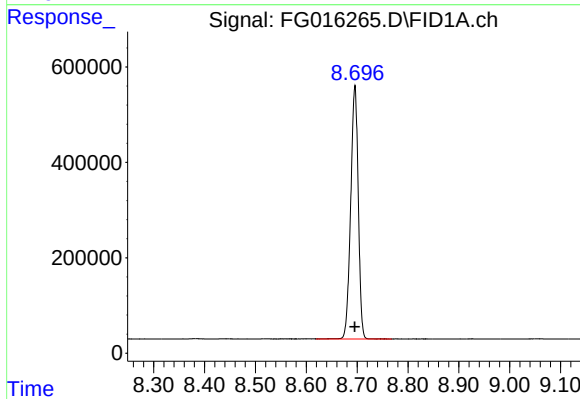
#2 N-DECANE

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 5415291
Conc: 50.00 ug/ml



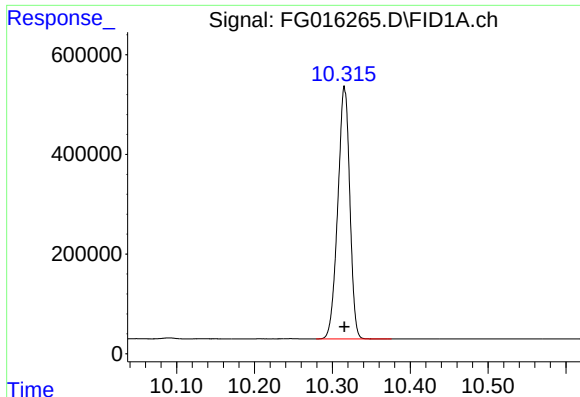
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 5441040
Conc: 50.00 ug/ml



#4 N-TETRADECANE

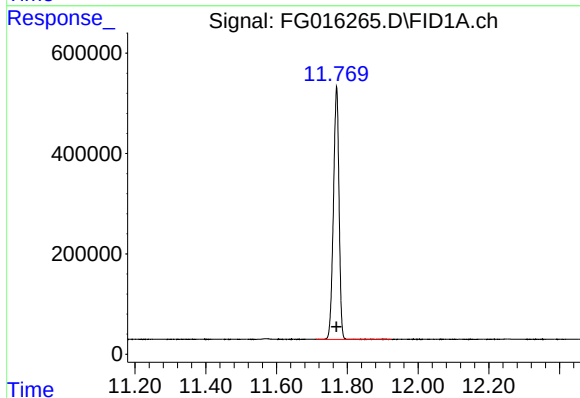
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 5491667
Conc: 50.00 ug/ml



#5 N-HEXADECANE

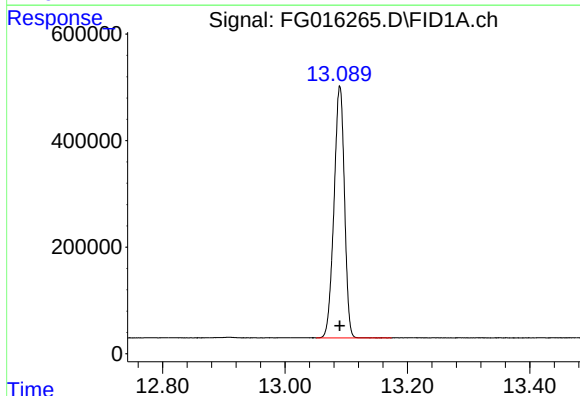
R.T.: 10.316 min
Delta R.T.: 0.000 min
Response: 5425386
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



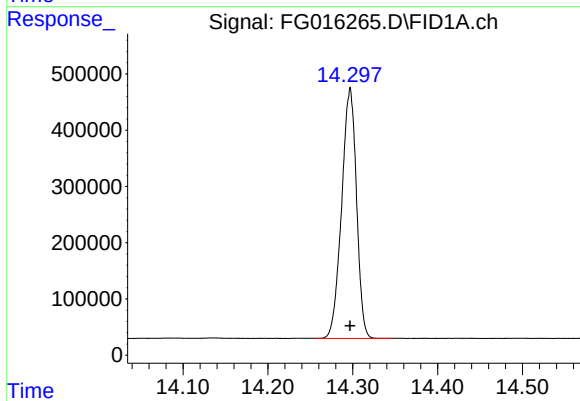
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.000 min
Response: 5517704
Conc: 50.00 ug/ml



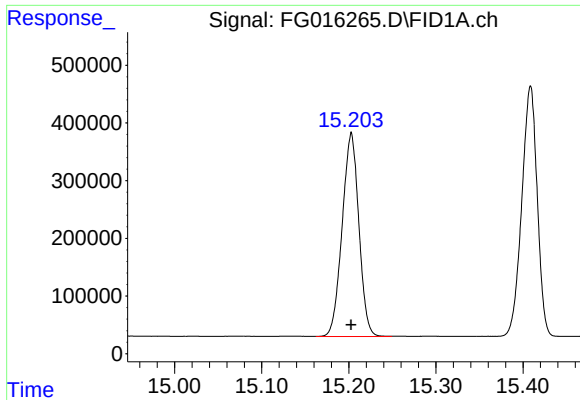
#7 N-EICOSANE

R.T.: 13.089 min
Delta R.T.: 0.000 min
Response: 5615135
Conc: 50.00 ug/ml



#8 N-DOCOSANE

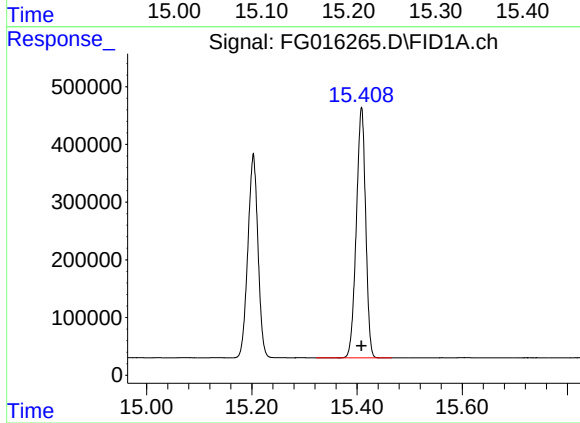
R.T.: 14.297 min
Delta R.T.: 0.000 min
Response: 5414999
Conc: 50.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

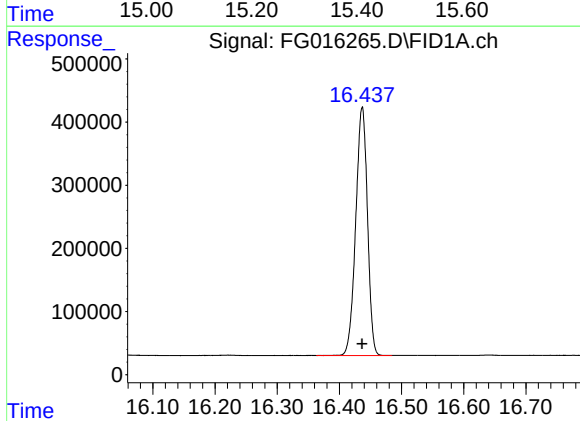
R.T.: 15.203 min
Delta R.T.: 0.000 min
Response: 4694890
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



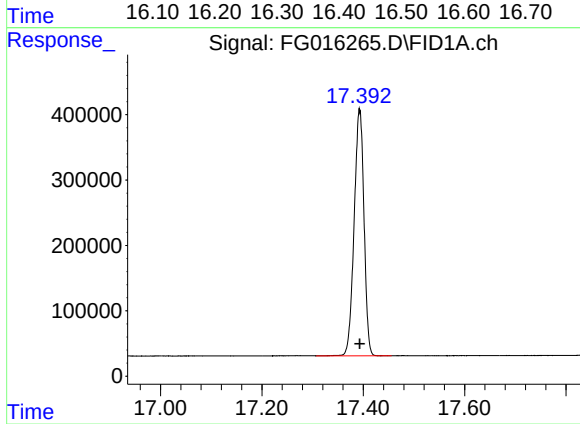
#10 N-TETRACOSANE

R.T.: 15.408 min
Delta R.T.: 0.000 min
Response: 5357048
Conc: 50.00 ug/ml



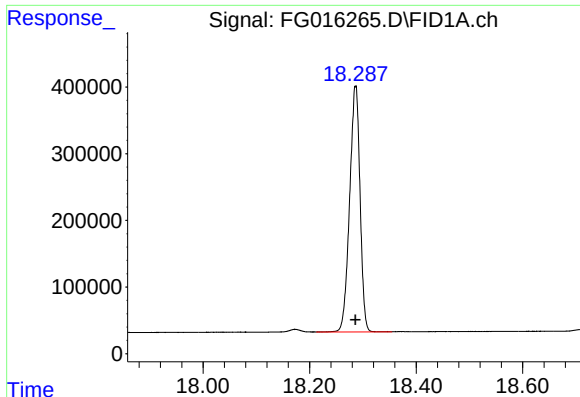
#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: 0.000 min
Response: 5152435
Conc: 50.00 ug/ml



#12 N-OCTACOSANE

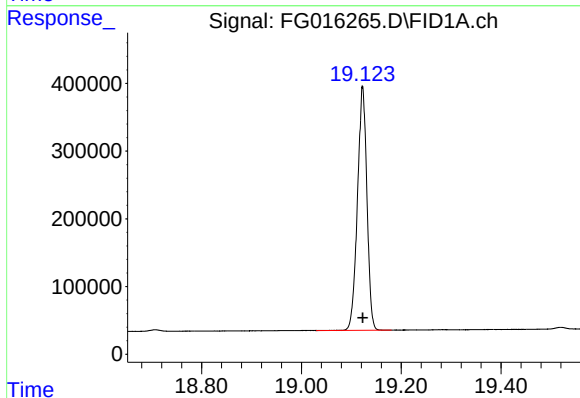
R.T.: 17.393 min
Delta R.T.: 0.000 min
Response: 5096594
Conc: 50.00 ug/ml



#13 N-TRIACONTANE

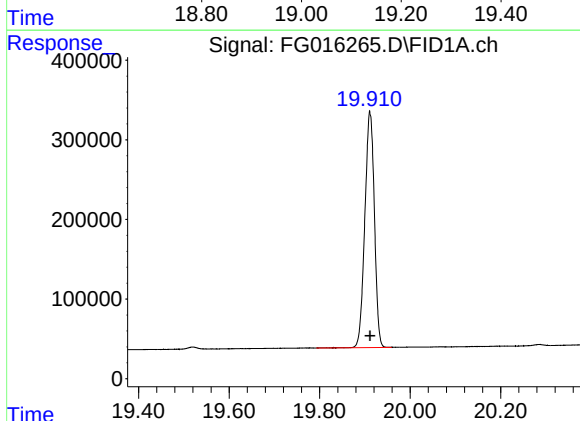
R.T.: 18.286 min
Delta R.T.: 0.000 min
Response: 5003991
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



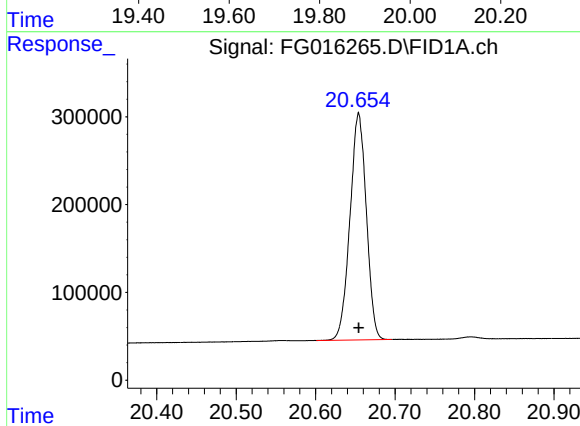
#14 N-DOTRIACONTANE

R.T.: 19.123 min
Delta R.T.: 0.000 min
Response: 4742292
Conc: 50.00 ug/ml



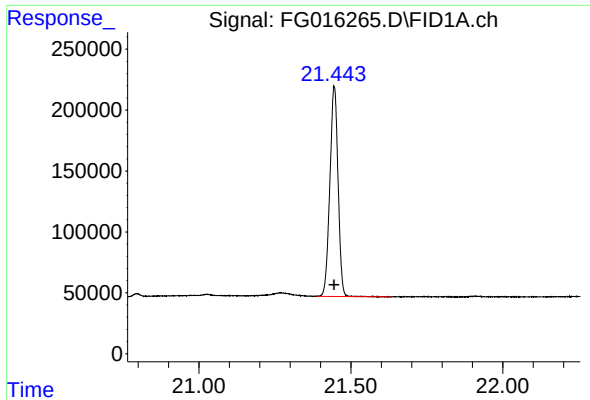
#15 N-TETRATRIACONTANE

R.T.: 19.911 min
Delta R.T.: 0.000 min
Response: 4348240
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

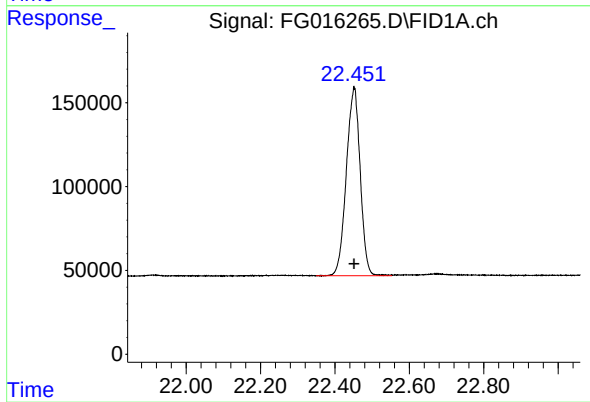
R.T.: 20.654 min
Delta R.T.: 0.000 min
Response: 3695076
Conc: 50.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.445 min
Delta R.T.: 0.000 min
Response: 3235381
Conc: 50.00 ug/ml

Instrument :
FID_G
ClientSampleId :
50 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.452 min
Delta R.T.: 0.000 min
Response: 2904142
Conc: 50.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016265.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 11:05
Sample : 50 TRPH STD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.121	2.081	2.202	BB	511513	5271107	93.98%	6.015%
2	4.672	4.630	4.724	BB	537754	5379771	95.92%	6.139%
3	6.855	6.820	6.905	BB	547985	5427628	96.77%	6.194%
4	8.696	8.626	8.735	BB	532283	5474141	97.60%	6.247%
5	10.316	10.270	10.364	BB	506213	5420530	96.64%	6.186%
6	11.770	11.721	11.819	BB	502750	5507884	98.20%	6.285%
7	13.090	13.051	13.139	BB	472496	5608809	100.00%	6.401%
8	14.297	14.225	14.338	BB	446753	5411561	96.48%	6.175%
9	15.203	15.158	15.276	BB	354031	4687245	83.57%	5.349%
10	15.409	15.356	15.465	BB	434164	5344665	95.29%	6.099%
11	16.437	16.371	16.480	BB	393464	5145455	91.74%	5.872%
12	17.393	17.307	17.456	BB	373316	5089293	90.74%	5.808%
13	18.286	18.215	18.339	BB	367267	4990371	88.97%	5.695%
14	19.123	19.066	19.174	BB	359898	4735791	84.43%	5.404%
15	19.911	19.747	19.959	BB	294760	4333586	77.26%	4.945%
16	20.654	20.600	20.694	BB	258414	3694574	65.87%	4.216%
17	21.445	21.370	21.554	BB	171854	3223241	57.47%	3.678%
18	22.452	22.357	22.541	BB	111362	2884716	51.43%	3.292%
Sum of corrected areas:							87630369	

FG070925.M Wed Jul 09 12:53:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016266.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 11:34
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 11:52:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 11:52:16 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...	15.198	1995225	20.804 ug/ml
Target Compounds			
1) N-OCTANE	2.123	2289458	21.075 ug/ml
2) N-DECANE	4.670	2316024	20.983 ug/ml
3) N-DODECANE	6.852	2334563	20.997 ug/ml
4) N-TETRADECANE	8.693	2348376	20.963 ug/ml
5) N-HEXADECANE	10.312	2315857	20.909 ug/ml
6) N-OCTADECANE	11.765	2351653	20.883 ug/ml
7) N-EICOSANE	13.086	2391656	20.858 ug/ml
8) N-DOCOSANE	14.293	2303271	20.826 ug/ml
10) N-TETRACOSANE	15.403	2278488	20.827 ug/ml
11) N-HEXACOSANE	16.432	2194457	20.831 ug/ml
12) N-OCTACOSANE	17.388	2169947	20.835 ug/ml
13) N-TRIACONTANE	18.281	2139871	20.918 ug/ml
14) N-DOTRIACONTANE	19.119	2026483	20.930 ug/ml
15) N-TETRATRIACONTANE	19.908	1802309	20.597 ug/ml
16) N-HEXATRIACONTANE	20.652	1470221	20.132 ug/ml
17) N-OCTATRIACONTANE	21.442	1262549	20.009 ug/ml
18) N-TETRACONTANE	22.445	1106680	19.739 ug/ml

(f)=RT Delta > 1/2 Window

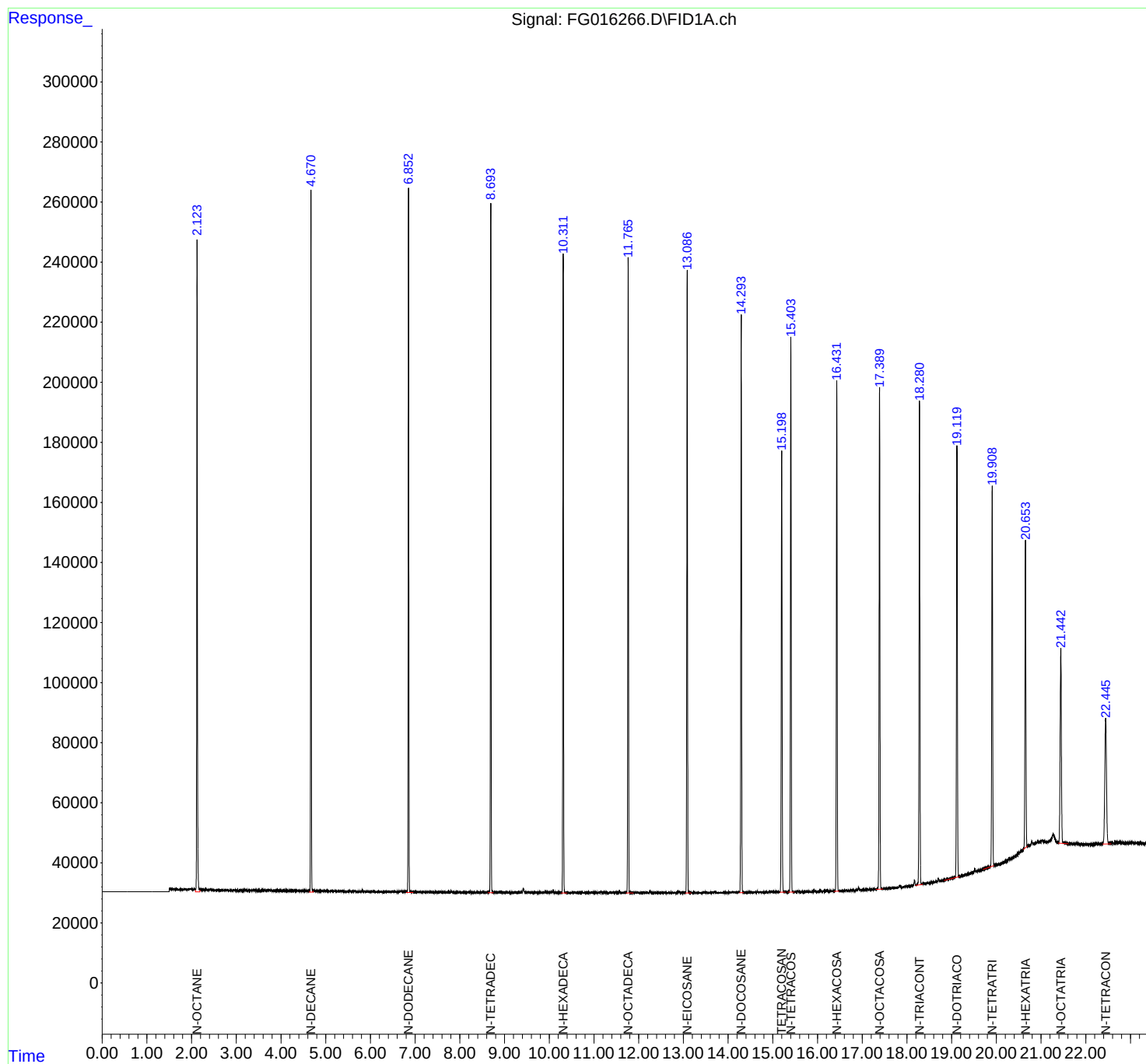
(m)=manual int.

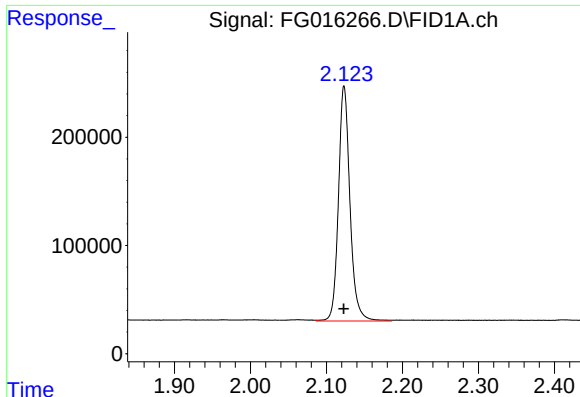
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016266.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 11:34
Operator : YP\AJ
Sample : 20 TRPH STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 11:52:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 11:52:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

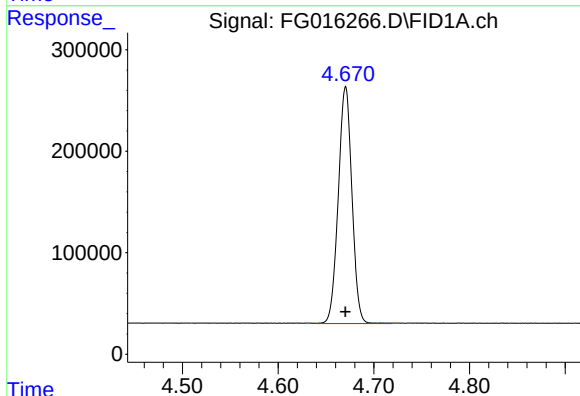




#1 N-OCTANE

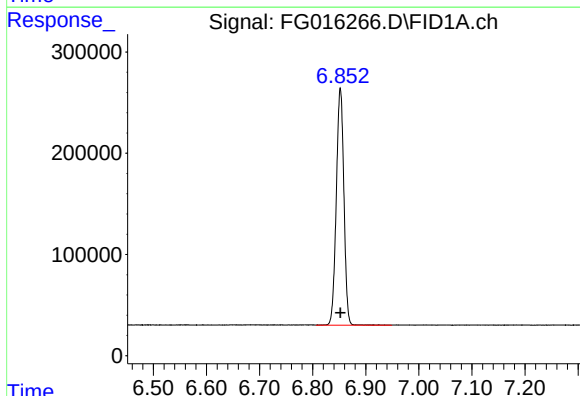
R.T.: 2.123 min
Delta R.T.: 0.000 min
Response: 2289458
Conc: 21.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



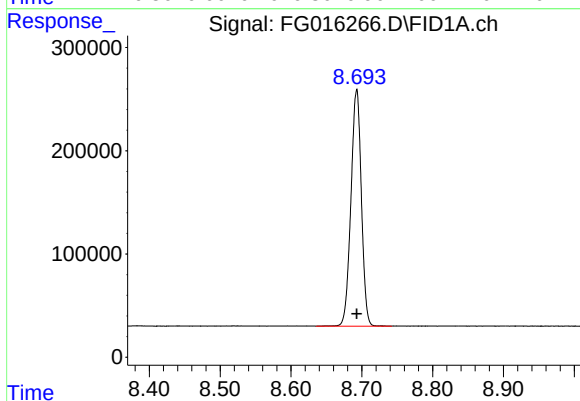
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 2316024
Conc: 20.98 ug/ml



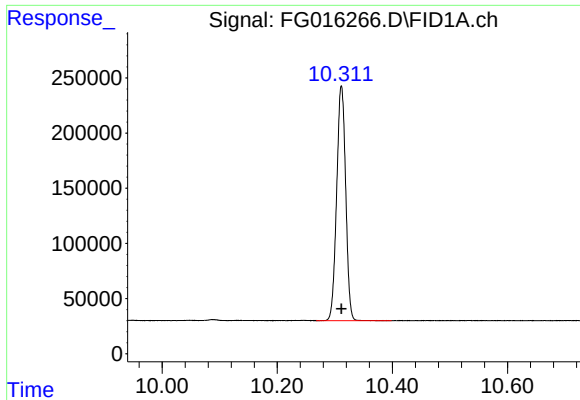
#3 N-DODECANE

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 2334563
Conc: 21.00 ug/ml



#4 N-TETRADECANE

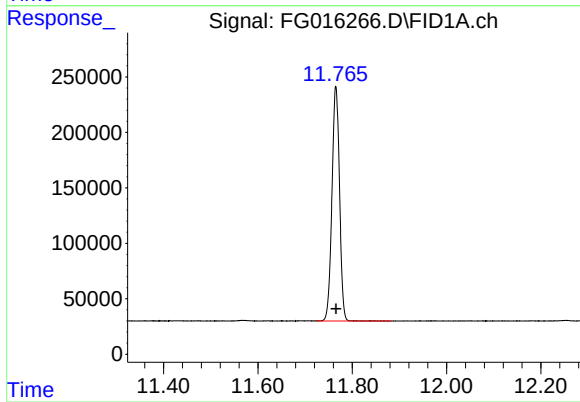
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 2348376
Conc: 20.96 ug/ml



#5 N-HEXADECANE

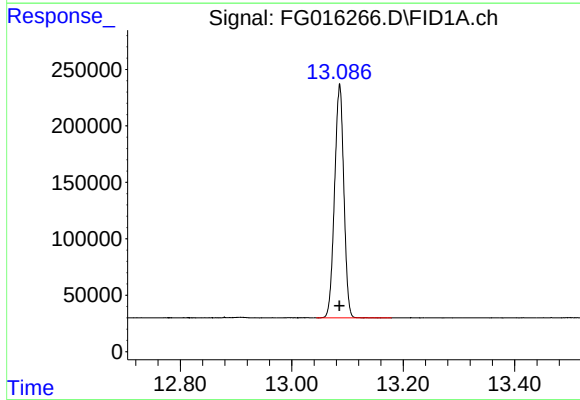
R.T.: 10.312 min
Delta R.T.: 0.000 min
Response: 2315857
Conc: 20.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



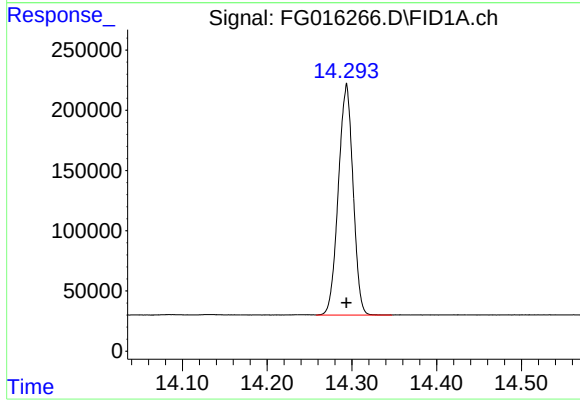
#6 N-OCTADECANE

R.T.: 11.765 min
Delta R.T.: 0.000 min
Response: 2351653
Conc: 20.88 ug/ml



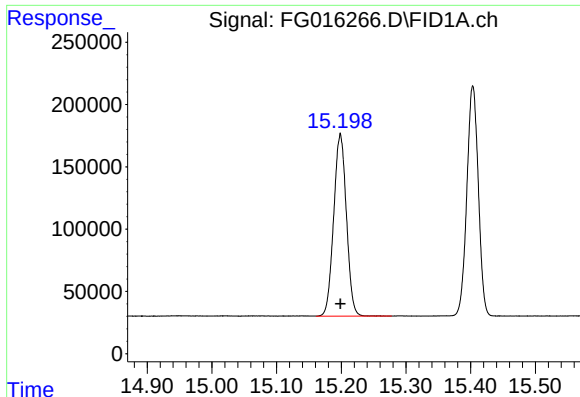
#7 N-EICOSANE

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2391656
Conc: 20.86 ug/ml



#8 N-DOCOSANE

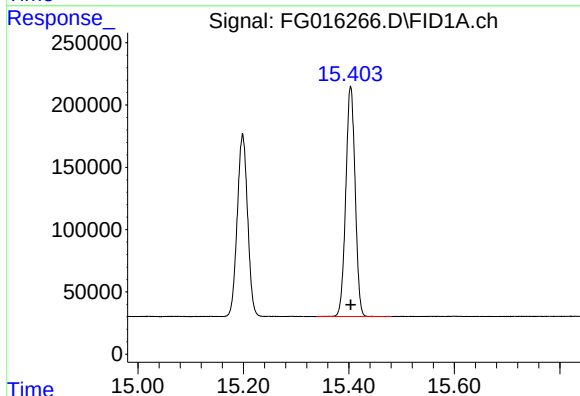
R.T.: 14.293 min
Delta R.T.: 0.000 min
Response: 2303271
Conc: 20.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

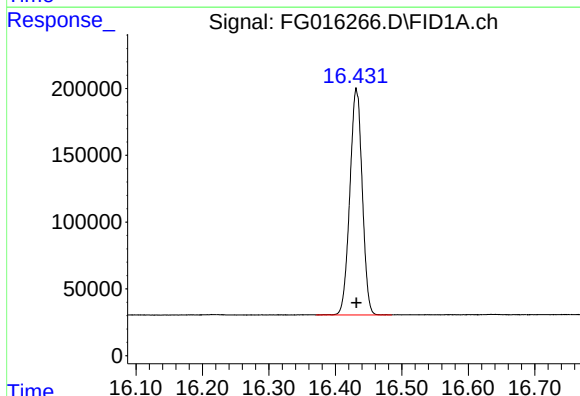
R.T.: 15.198 min
Delta R.T.: 0.000 min
Response: 1995225
Conc: 20.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



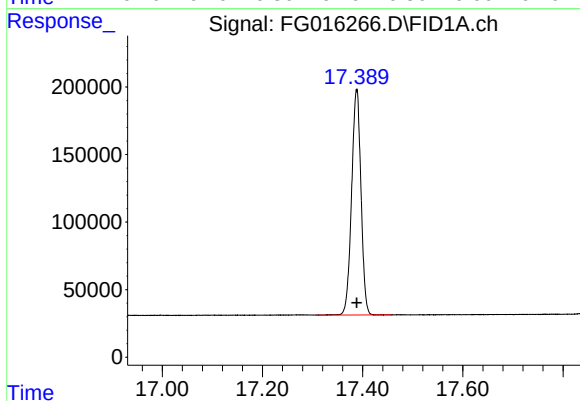
#10 N-TETRACOSANE

R.T.: 15.403 min
Delta R.T.: 0.000 min
Response: 2278488
Conc: 20.83 ug/ml



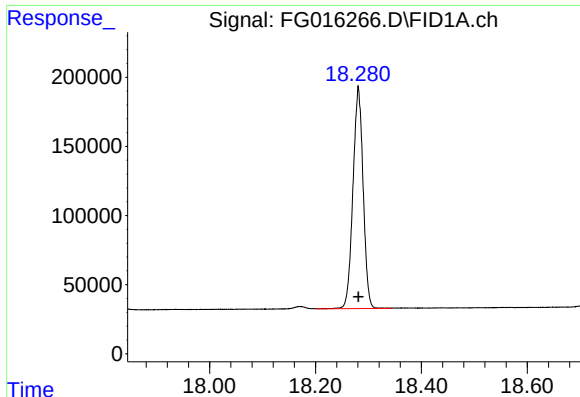
#11 N-HEXACOSANE

R.T.: 16.432 min
Delta R.T.: 0.000 min
Response: 2194457
Conc: 20.83 ug/ml



#12 N-OCTACOSANE

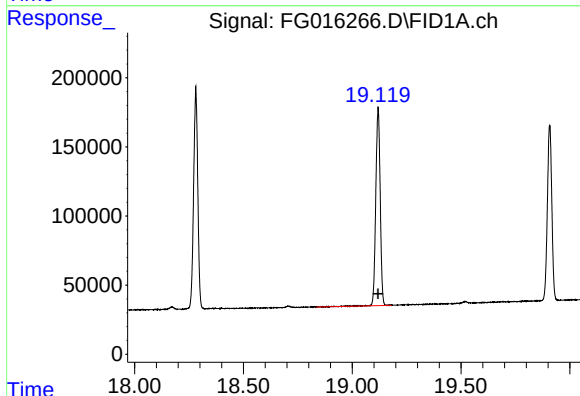
R.T.: 17.388 min
Delta R.T.: 0.000 min
Response: 2169947
Conc: 20.83 ug/ml



#13 N-TRIACONTANE

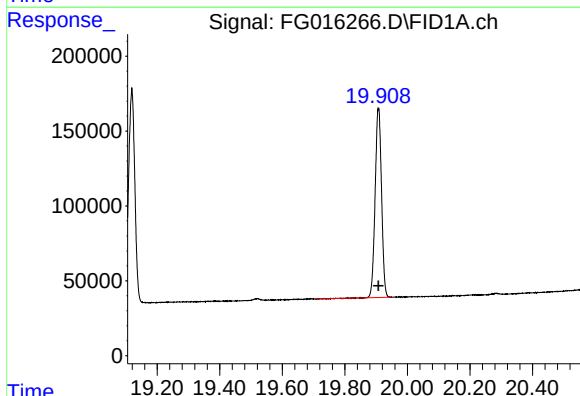
R.T.: 18.281 min
Delta R.T.: 0.000 min
Response: 2139871
Conc: 20.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



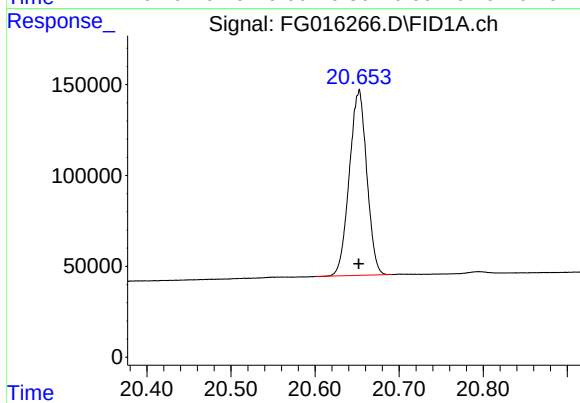
#14 N-DOTRIACONTANE

R.T.: 19.119 min
Delta R.T.: 0.000 min
Response: 2026483
Conc: 20.93 ug/ml



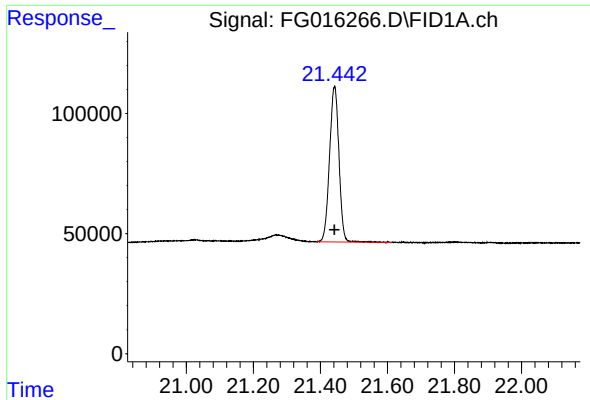
#15 N-TETRATRIACONTANE

R.T.: 19.908 min
Delta R.T.: 0.000 min
Response: 1802309
Conc: 20.60 ug/ml



#16 N-HEXATRIACONTANE

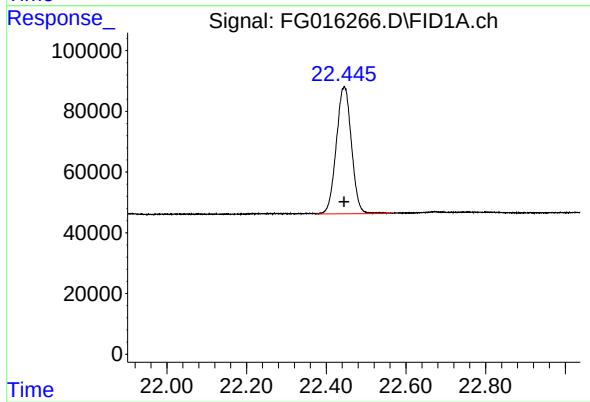
R.T.: 20.652 min
Delta R.T.: 0.000 min
Response: 1470221
Conc: 20.13 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.442 min
Delta R.T.: 0.000 min
Response: 1262549
Conc: 20.01 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.445 min
Delta R.T.: 0.000 min
Response: 1106680
Conc: 19.74 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016266.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 11:34
Sample : 20 TRPH STD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.123	2.083	2.185	BB	216409	2250251	94.38%	6.096%
2	4.671	4.628	4.703	BB	233350	2293684	96.20%	6.214%
3	6.852	6.817	6.897	BB	233496	2313347	97.02%	6.267%
4	8.693	8.653	8.739	BB	228547	2336813	98.01%	6.331%
5	10.311	10.270	10.361	BB	212848	2309608	96.87%	6.257%
6	11.765	11.723	11.817	BB	211549	2344818	98.34%	6.352%
7	13.086	13.040	13.138	BB	206960	2384319	100.00%	6.459%
8	14.294	14.257	14.344	BB	192340	2300336	96.48%	6.232%
9	15.199	15.161	15.254	BB	146774	1990073	83.47%	5.391%
10	15.403	15.359	15.450	BB	184693	2273035	95.33%	6.158%
11	16.432	16.385	16.485	BB	169092	2186806	91.72%	5.924%
12	17.388	17.318	17.442	BB	166298	2166344	90.86%	5.869%
13	18.281	18.219	18.332	BB	160412	2127450	89.23%	5.764%
14	19.119	19.063	19.168	BB	143501	2012759	84.42%	5.453%
15	19.908	19.858	19.949	BB	126100	1800636	75.52%	4.878%
16	20.652	20.600	20.692	BV	102298	1478657	62.02%	4.006%
17	21.442	21.368	21.522	BB	64664	1249767	52.42%	3.386%
18	22.445	22.367	22.554	BB	41890	1093330	45.86%	2.962%
Sum of corrected areas:							36912033	

FG070925.M Wed Jul 09 12:52:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016267.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 12:04
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 12:14:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:14:13 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...	15.198	1073359	10.868 ug/ml
Target Compounds			
1) N-OCTANE	2.124	1201761	10.776 ug/ml
2) N-DECANE	4.670	1227865	10.820 ug/ml
3) N-DODECANE	6.851	1238160	10.828 ug/ml
4) N-TETRADECANE	8.692	1270412	10.973 ug/ml
5) N-HEXADECANE	10.310	1238623	10.862 ug/ml
6) N-OCTADECANE	11.764	1257535	10.850 ug/ml
7) N-EICOSANE	13.085	1283180	10.867 ug/ml
8) N-DOCOSANE	14.292	1233639	10.841 ug/ml
10) N-TETRACOSANE	15.403	1225880	10.878 ug/ml
11) N-HEXACOSANE	16.431	1180144	10.876 ug/ml
12) N-OCTACOSANE	17.387	1164005	10.857 ug/ml
13) N-TRIACONTANE	18.281	1140440	10.837 ug/ml
14) N-DOTRIACONTANE	19.118	1073316	10.793 ug/ml
15) N-TETRATRIACONTANE	19.907	946293	10.598 ug/ml
16) N-HEXATRIACONTANE	20.651	757419	10.276 ug/ml
17) N-OCTATRIACONTANE	21.440	642497	10.136 ug/ml
18) N-TETRACONTANE	22.442	558180	9.967 ug/ml

(f)=RT Delta > 1/2 Window

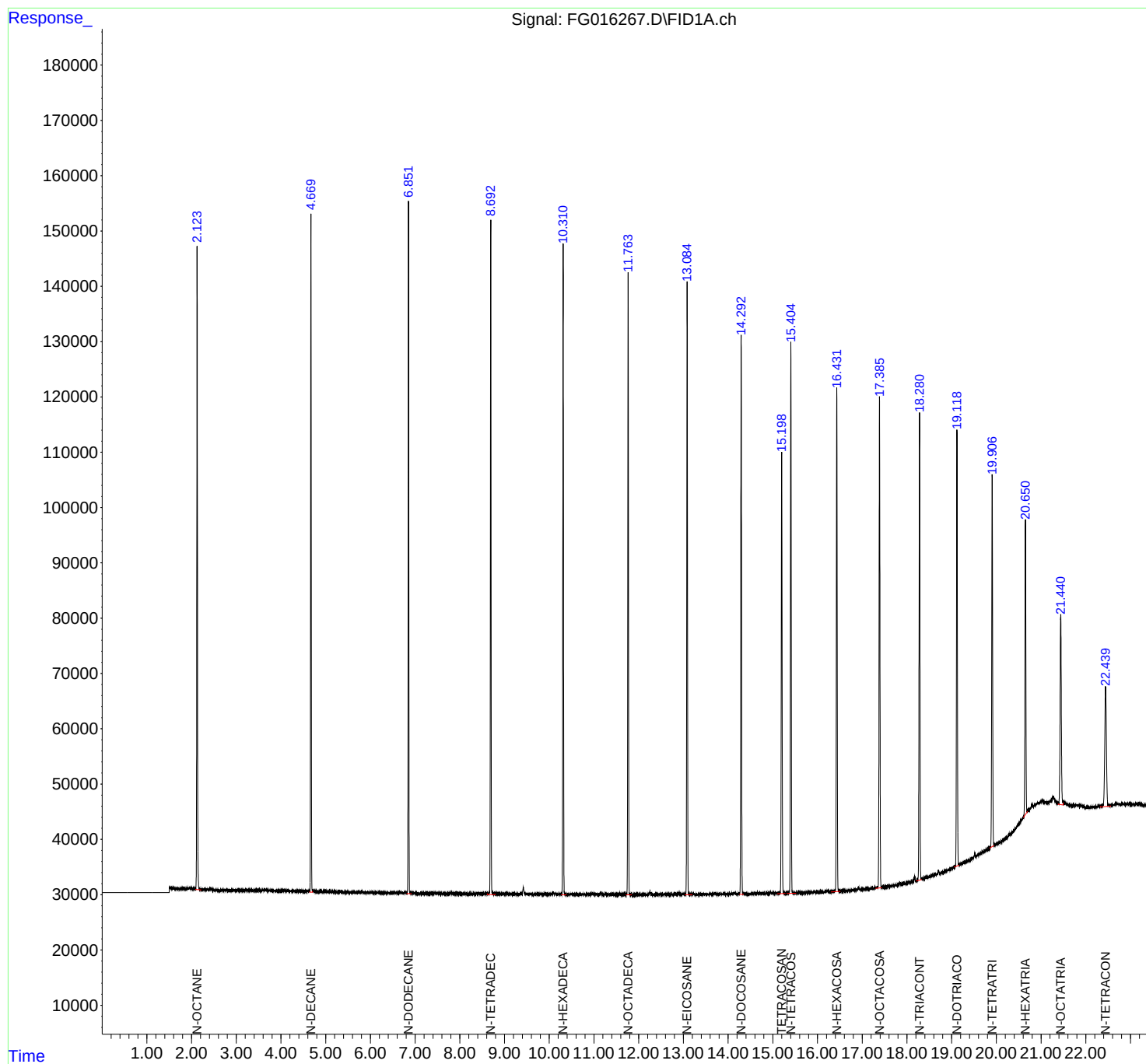
(m)=manual int.

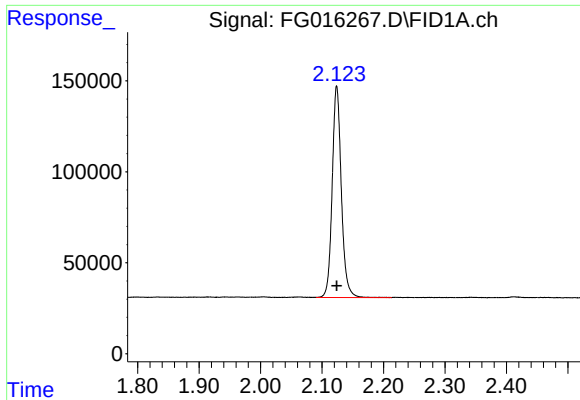
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016267.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 12:04
Operator : YP\AJ
Sample : 10 TRPH STD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 12:14:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:14:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

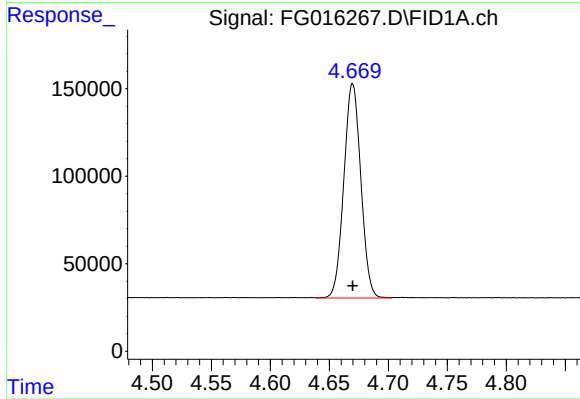




#1 N-OCTANE

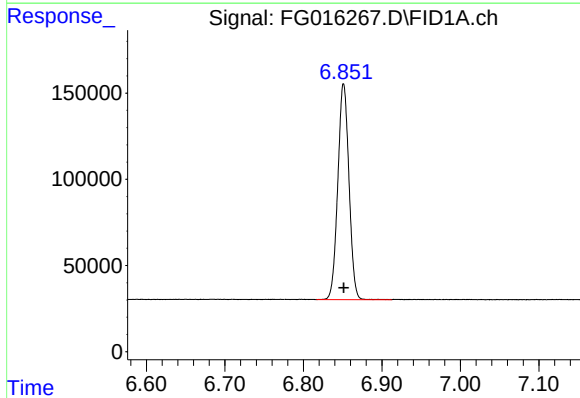
R.T.: 2.124 min
Delta R.T.: 0.000 min
Response: 1201761
Conc: 10.78 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



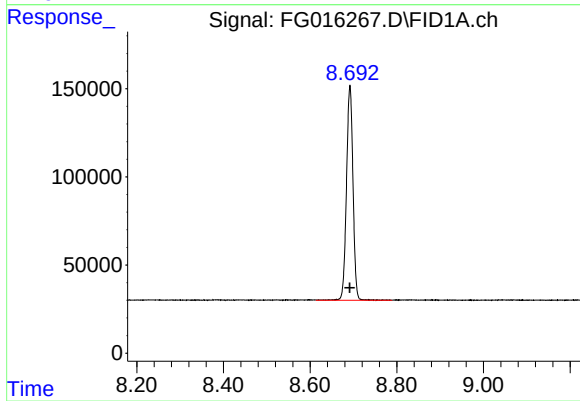
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 1227865
Conc: 10.82 ug/ml



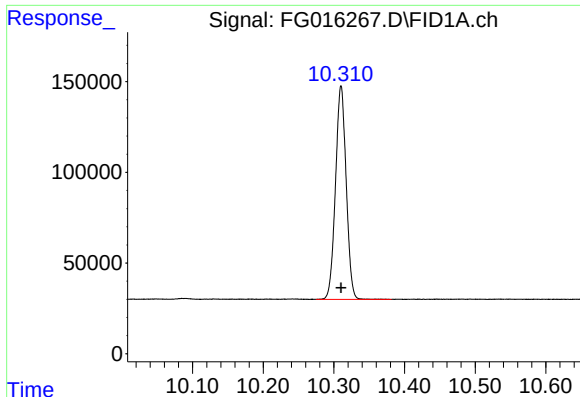
#3 N-DODECANE

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 1238160
Conc: 10.83 ug/ml



#4 N-TETRADECANE

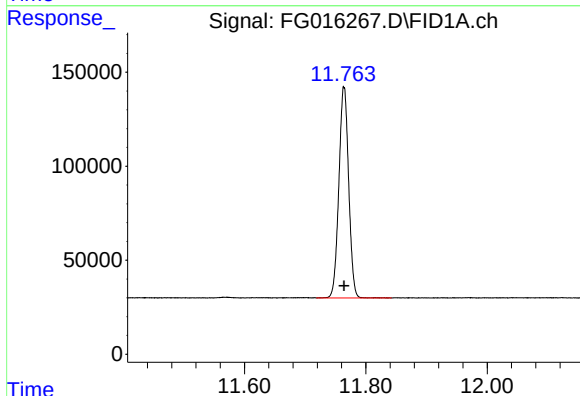
R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 1270412
Conc: 10.97 ug/ml



#5 N-HEXADECANE

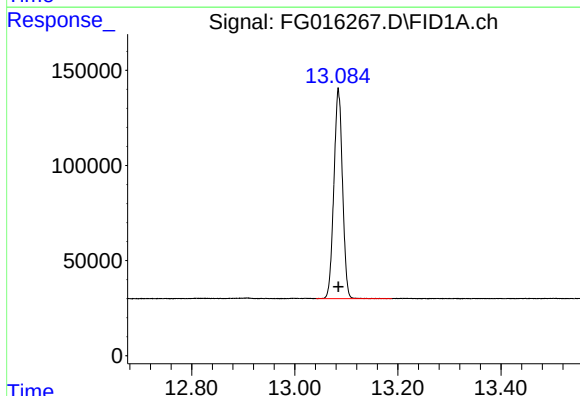
R.T.: 10.310 min
Delta R.T.: 0.000 min
Response: 1238623
Conc: 10.86 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



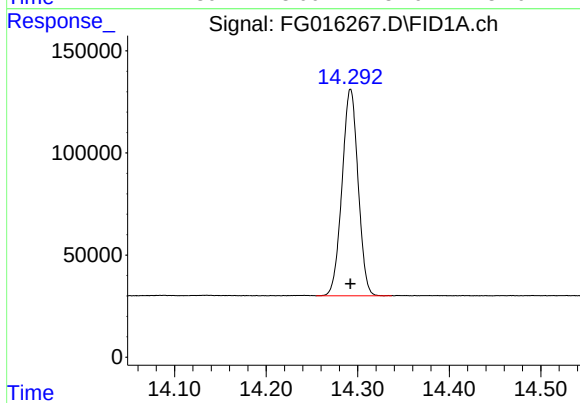
#6 N-OCTADECANE

R.T.: 11.764 min
Delta R.T.: 0.000 min
Response: 1257535
Conc: 10.85 ug/ml



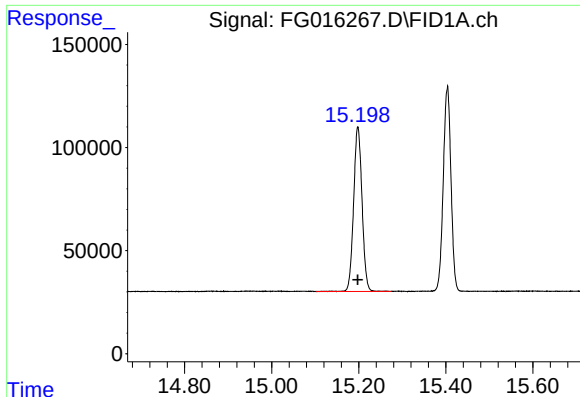
#7 N-EICOSANE

R.T.: 13.085 min
Delta R.T.: 0.000 min
Response: 1283180
Conc: 10.87 ug/ml



#8 N-DOCOSANE

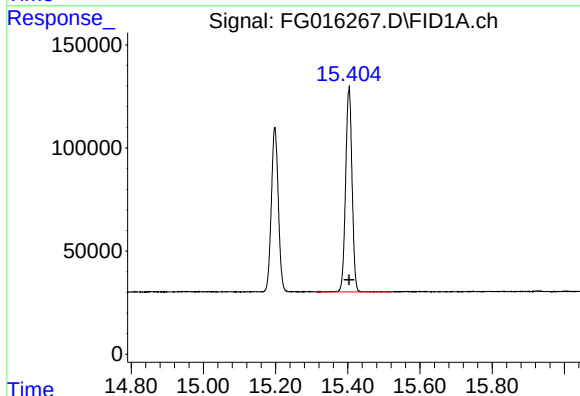
R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 1233639
Conc: 10.84 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

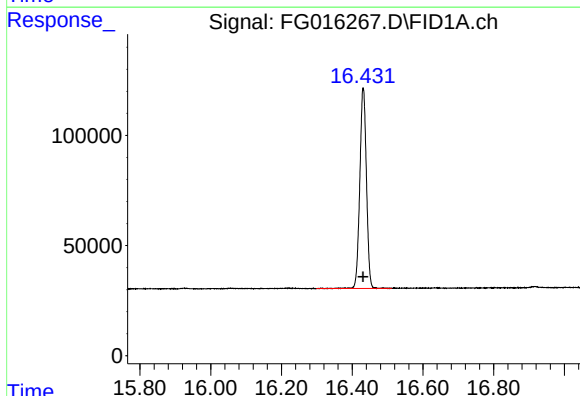
R.T.: 15.198 min
Delta R.T.: 0.000 min
Response: 1073359
Conc: 10.87 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



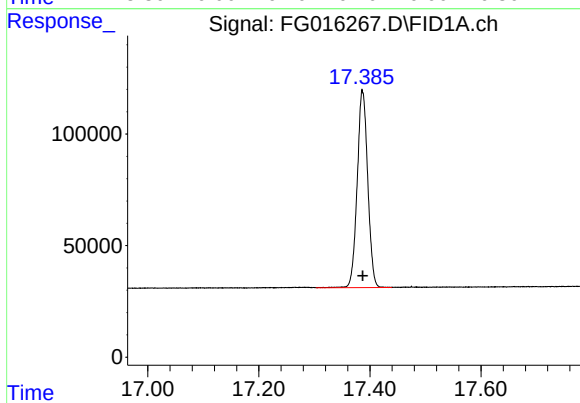
#10 N-TETRACOSANE

R.T.: 15.403 min
Delta R.T.: 0.000 min
Response: 1225880
Conc: 10.88 ug/ml



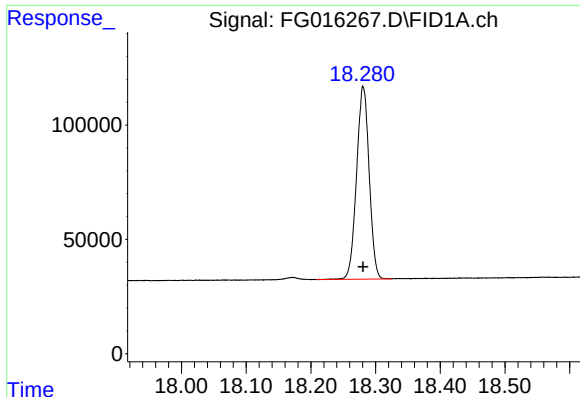
#11 N-HEXACOSANE

R.T.: 16.431 min
Delta R.T.: 0.000 min
Response: 1180144
Conc: 10.88 ug/ml



#12 N-OCTACOSANE

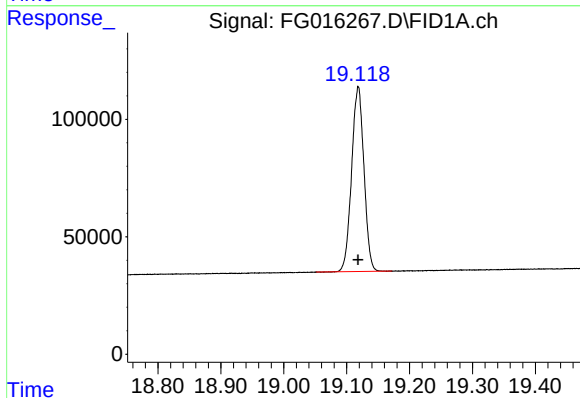
R.T.: 17.387 min
Delta R.T.: 0.000 min
Response: 1164005
Conc: 10.86 ug/ml



#13 N-TRIACONTANE

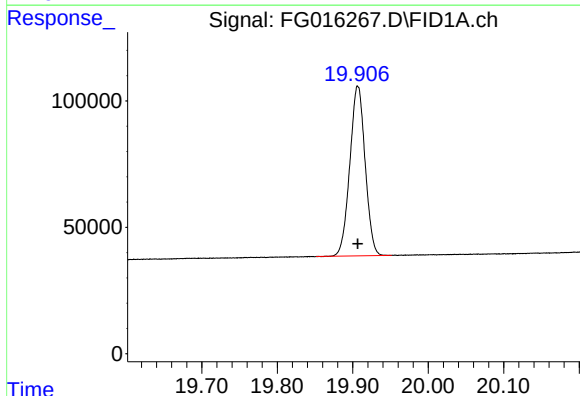
R.T.: 18.281 min
Delta R.T.: 0.000 min
Response: 1140440
Conc: 10.84 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



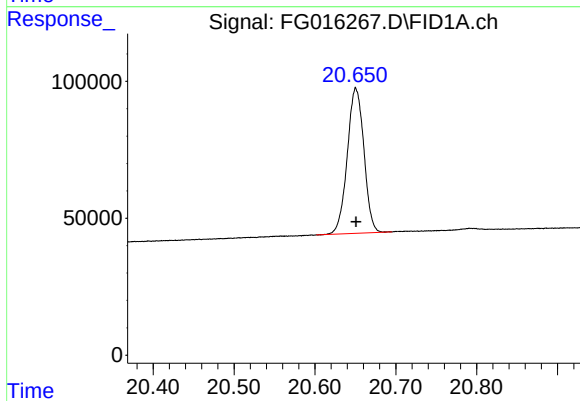
#14 N-DOTRIACONTANE

R.T.: 19.118 min
Delta R.T.: 0.000 min
Response: 1073316
Conc: 10.79 ug/ml



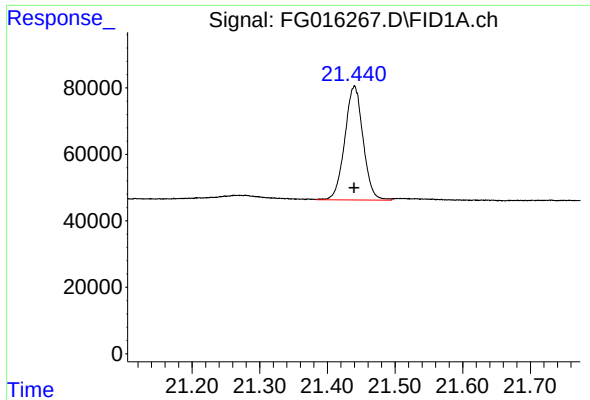
#15 N-TETRATRIACONTANE

R.T.: 19.907 min
Delta R.T.: 0.000 min
Response: 946293
Conc: 10.60 ug/ml



#16 N-HEXATRIACONTANE

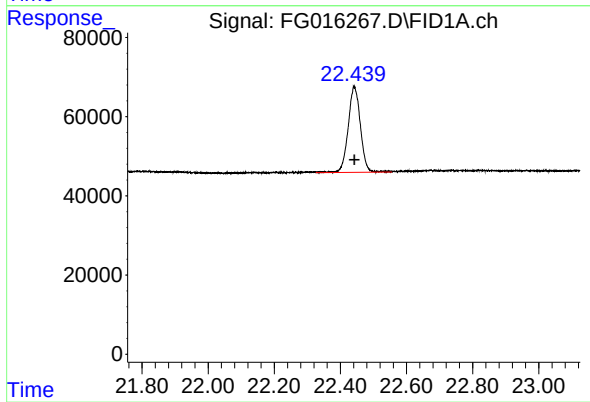
R.T.: 20.651 min
Delta R.T.: 0.000 min
Response: 757419
Conc: 10.28 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.440 min
Delta R.T.: 0.000 min
Response: 642497
Conc: 10.14 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.442 min
Delta R.T.: 0.000 min
Response: 558180
Conc: 9.97 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016267.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 12:04
Sample : 10 TRPH STD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.124	2.084	2.190	BB	116277	1196846	93.76%	6.109%
2	4.670	4.630	4.717	BB	122448	1222050	95.73%	6.237%
3	6.851	6.816	6.890	BB	125149	1232265	96.53%	6.289%
4	8.692	8.655	8.739	BB	121709	1251223	98.02%	6.386%
5	10.310	10.270	10.356	BB	117684	1233959	96.67%	6.298%
6	11.764	11.723	11.803	BB	111634	1253935	98.23%	6.400%
7	13.085	13.045	13.135	BB	110237	1276504	100.00%	6.515%
8	14.292	14.255	14.329	BB	101174	1232526	96.55%	6.291%
9	15.198	15.152	15.242	BB	79673	1065086	83.44%	5.436%
10	15.404	15.362	15.451	BB	98544	1217635	95.39%	6.215%
11	16.431	16.384	16.473	BB	90799	1171680	91.79%	5.980%
12	17.387	17.337	17.425	BB	87534	1156788	90.62%	5.904%
13	18.281	18.227	18.326	BB	83873	1136308	89.02%	5.800%
14	19.119	19.069	19.162	BB	78594	1074197	84.15%	5.483%
15	19.907	19.842	19.948	BB	67019	946073	74.11%	4.829%
16	20.651	20.600	20.687	BV	53270	758962	59.46%	3.874%
17	21.440	21.380	21.496	BB	34069	625072	48.97%	3.190%
18	22.441	22.370	22.520	BB	21295	541338	42.41%	2.763%
Sum of corrected areas:							19592447	

FG070925.M Wed Jul 09 12:51:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016268.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 12:34
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 12:45:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:45:41 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...	15.198	524416	5.245 ug/ml
Target Compounds			
1) N-OCTANE	2.125	592672	5.248 ug/ml
2) N-DECANE	4.670	609750	5.294 ug/ml
3) N-DODECANE	6.851	611660	5.276 ug/ml
4) N-TETRADECANE	8.691	635255	5.382 ug/ml
5) N-HEXADECANE	10.310	610961	5.282 ug/ml
6) N-OCTADECANE	11.764	616548	5.253 ug/ml
7) N-EICOSANE	13.084	629250	5.260 ug/ml
8) N-DOCOSANE	14.291	605205	5.252 ug/ml
10) N-TETRACOSANE	15.403	602389	5.272 ug/ml
11) N-HEXACOSANE	16.431	580761	5.278 ug/ml
12) N-OCTACOSANE	17.387	574471	5.283 ug/ml
13) N-TRIACONTANE	18.281	566811	5.304 ug/ml
14) N-DOTRIACONTANE	19.119	539011	5.330 ug/ml
15) N-TETRATRIACONTANE	19.906	488951	5.374 ug/ml
16) N-HEXATRIACONTANE	20.651	408608	5.426 ug/ml
17) N-OCTATRIACONTANE	21.439	359344	5.521 ug/ml
18) N-TETRACONTANE	22.445	320801	5.566 ug/ml

(f)=RT Delta > 1/2 Window

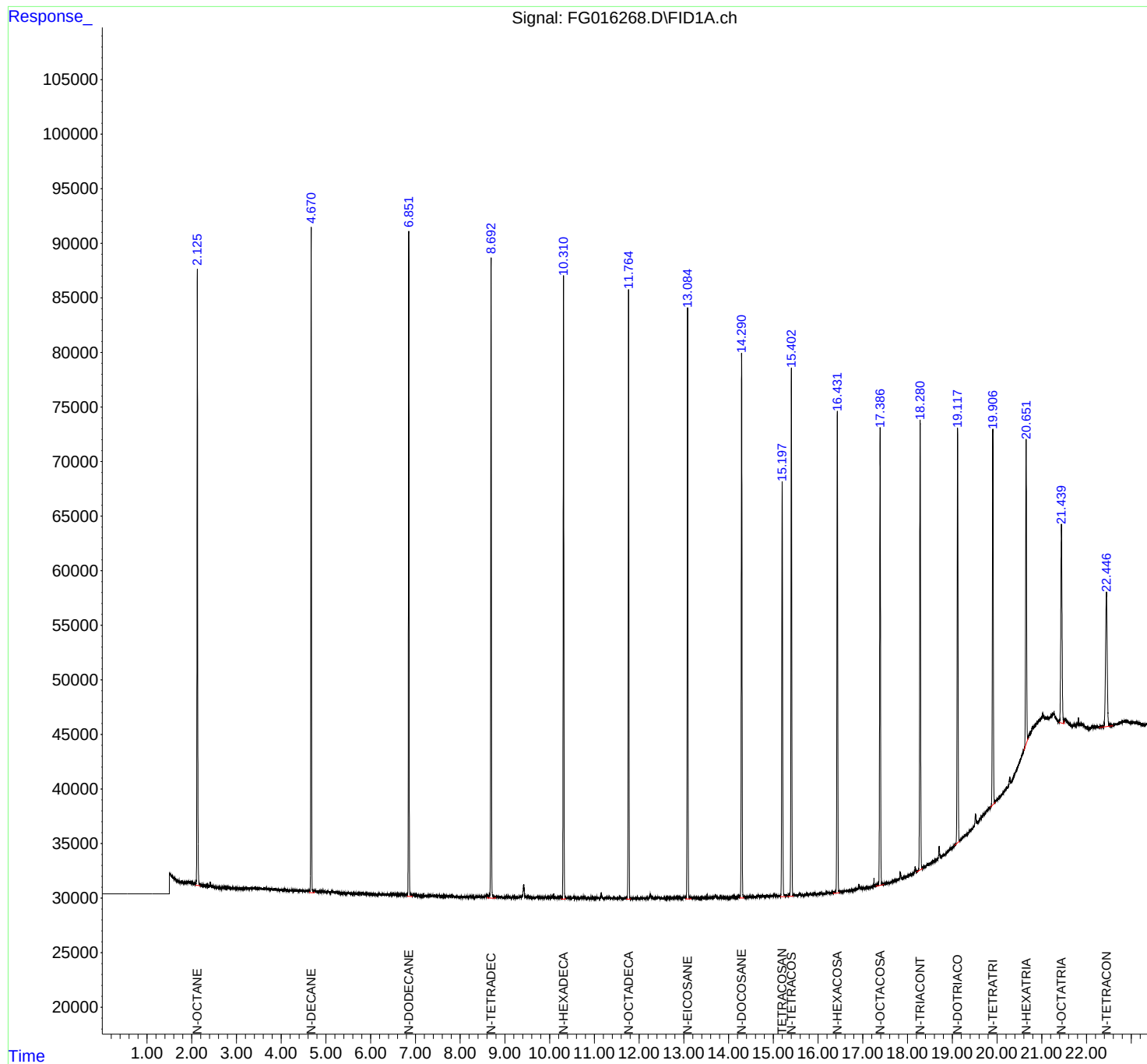
(m)=manual int.

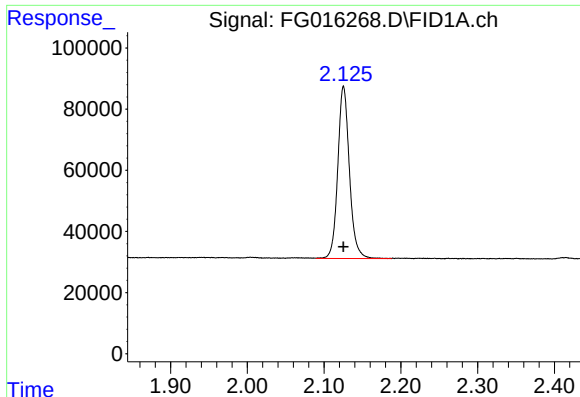
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016268.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 12:34
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

Integration File: autoint1.e
Quant Time: Jul 09 12:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:45:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

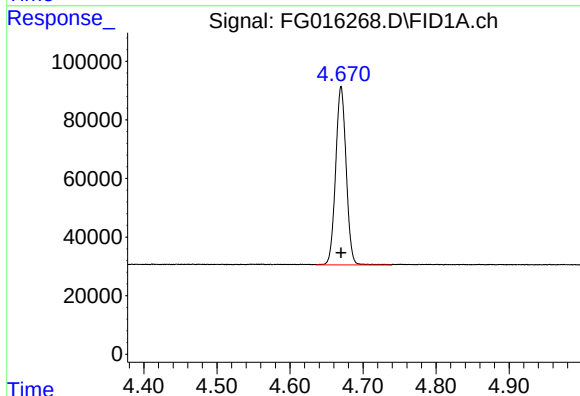




#1 N-OCTANE

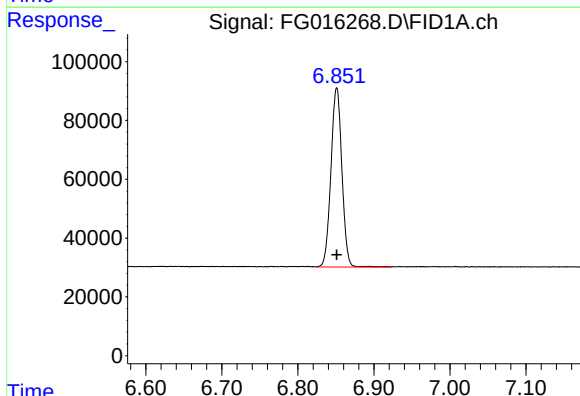
R.T.: 2.125 min
Delta R.T.: 0.000 min
Response: 592672
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



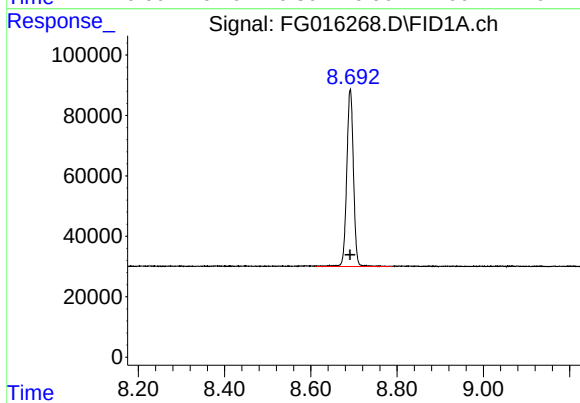
#2 N-DECANE

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 609750
Conc: 5.29 ug/ml



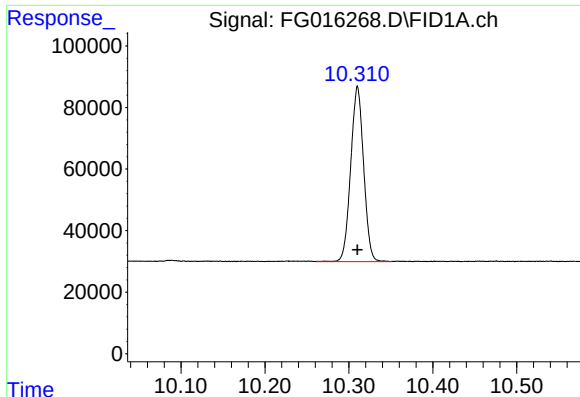
#3 N-DODECANE

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 611660
Conc: 5.28 ug/ml



#4 N-TETRADECANE

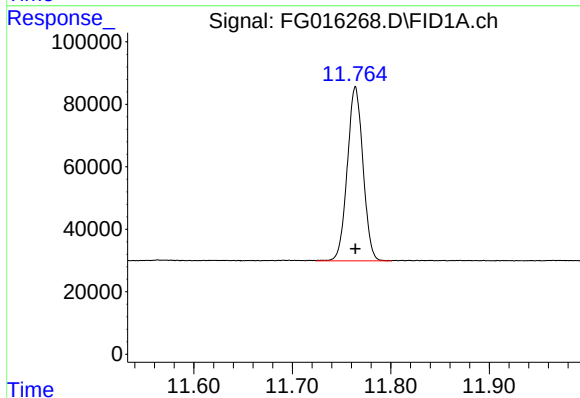
R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 635255
Conc: 5.38 ug/ml



#5 N-HEXADECANE

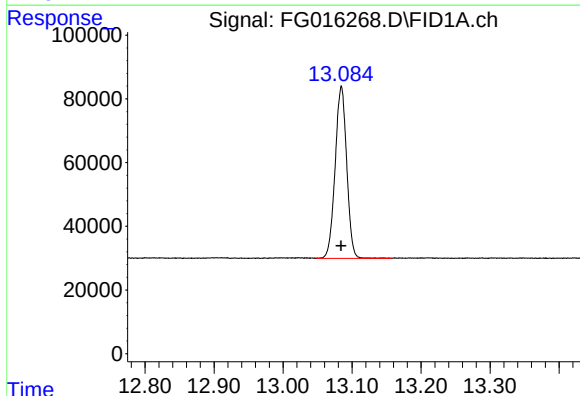
R.T.: 10.310 min
Delta R.T.: 0.000 min
Response: 610961
Conc: 5.28 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



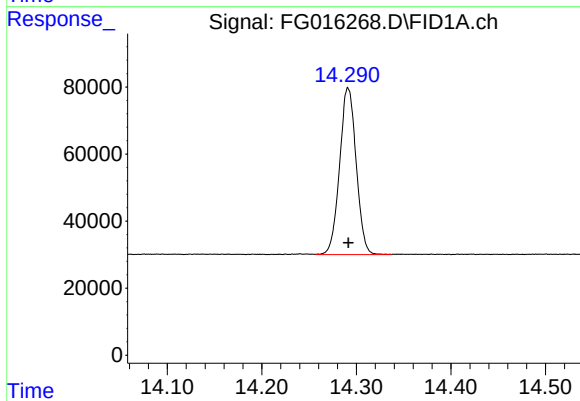
#6 N-OCTADECANE

R.T.: 11.764 min
Delta R.T.: 0.000 min
Response: 616548
Conc: 5.25 ug/ml



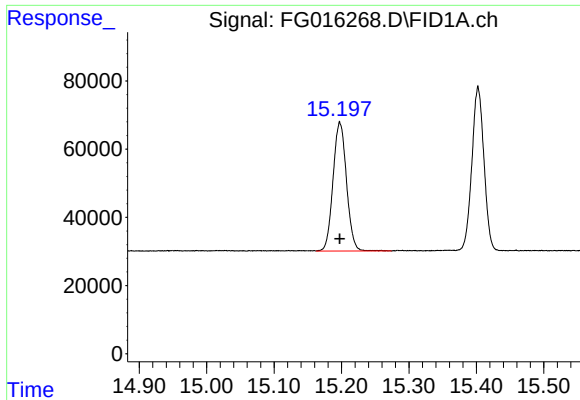
#7 N-EICOSANE

R.T.: 13.084 min
Delta R.T.: 0.000 min
Response: 629250
Conc: 5.26 ug/ml



#8 N-DOCOSANE

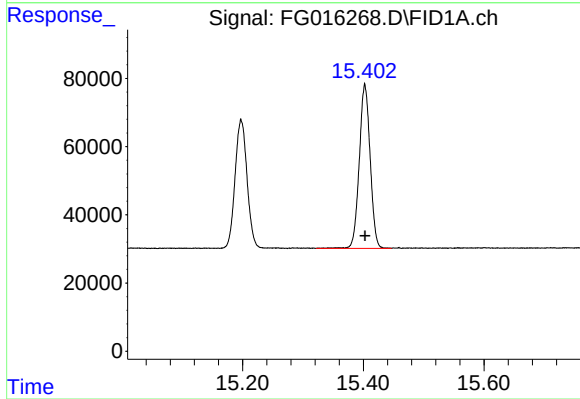
R.T.: 14.291 min
Delta R.T.: 0.000 min
Response: 605205
Conc: 5.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

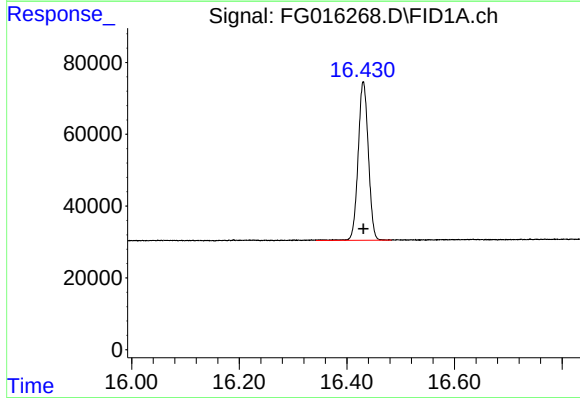
R.T.: 15.198 min
Delta R.T.: 0.000 min
Response: 524416
Conc: 5.24 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



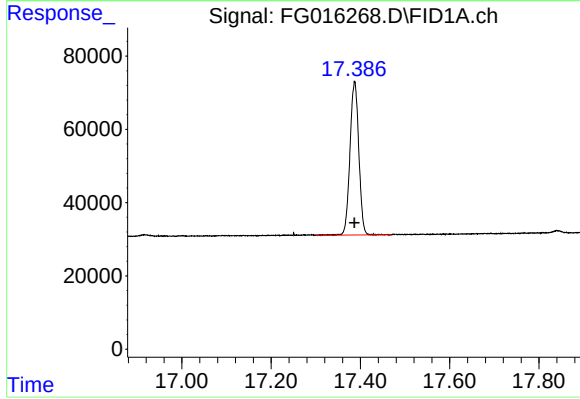
#10 N-TETRACOSANE

R.T.: 15.403 min
Delta R.T.: 0.000 min
Response: 602389
Conc: 5.27 ug/ml



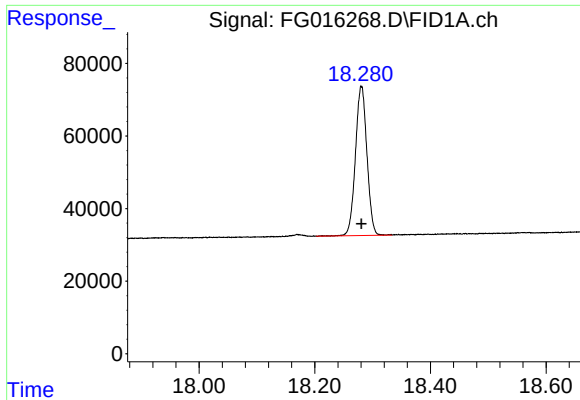
#11 N-HEXACOSANE

R.T.: 16.431 min
Delta R.T.: 0.000 min
Response: 580761
Conc: 5.28 ug/ml



#12 N-OCTACOSANE

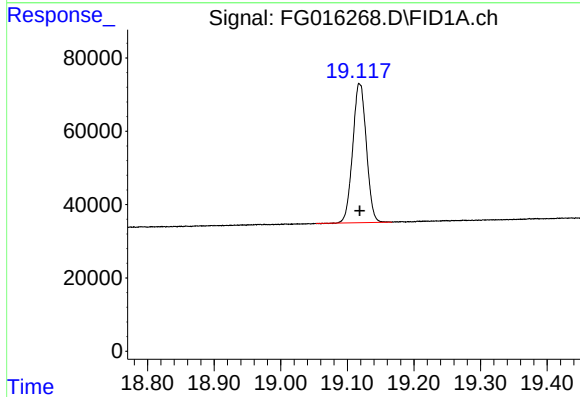
R.T.: 17.387 min
Delta R.T.: 0.000 min
Response: 574471
Conc: 5.28 ug/ml



#13 N-TRIACONTANE

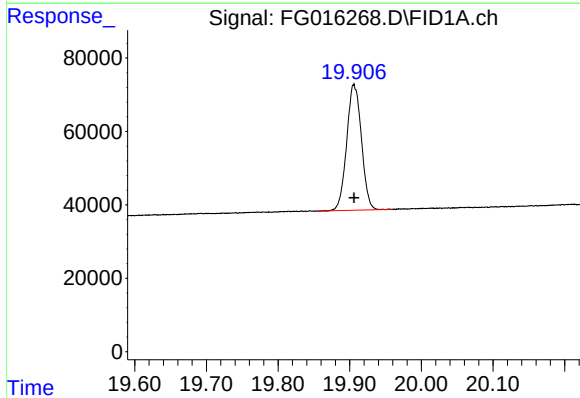
R.T.: 18.281 min
Delta R.T.: 0.000 min
Response: 566811
Conc: 5.30 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



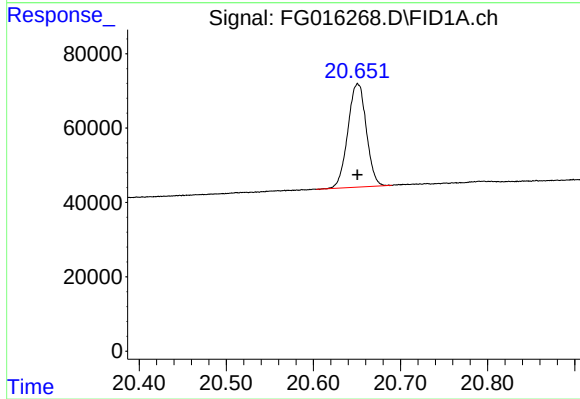
#14 N-DOTRIACONTANE

R.T.: 19.119 min
Delta R.T.: 0.000 min
Response: 539011
Conc: 5.33 ug/ml



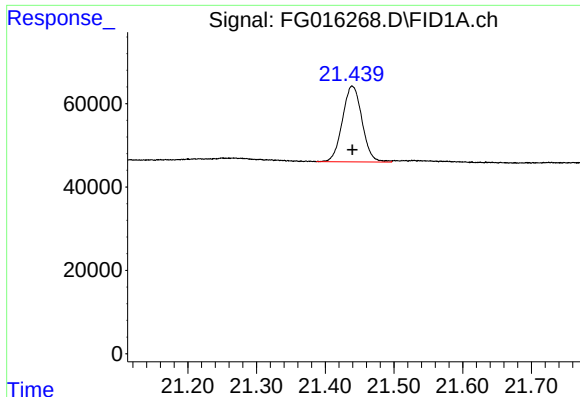
#15 N-TETRATRIACONTANE

R.T.: 19.906 min
Delta R.T.: 0.000 min
Response: 488951
Conc: 5.37 ug/ml



#16 N-HEXATRIACONTANE

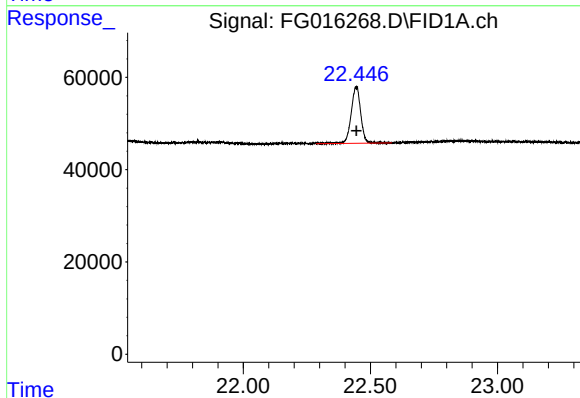
R.T.: 20.651 min
Delta R.T.: 0.000 min
Response: 408608
Conc: 5.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.439 min
Delta R.T.: 0.000 min
Response: 359344
Conc: 5.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.445 min
Delta R.T.: 0.000 min
Response: 320801
Conc: 5.57 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016268.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 12:34
Sample : 5 TRPH STD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.125	2.085	2.184	BB	56336	588969	94.37%	6.022%
2	4.670	4.634	4.716	BB	60943	602422	96.53%	6.159%
3	6.851	6.824	6.886	BB	60872	604847	96.92%	6.184%
4	8.691	8.649	8.738	BB	58344	618559	99.11%	6.324%
5	10.310	10.270	10.349	BB	56988	605877	97.08%	6.194%
6	11.764	11.722	11.797	BB	55713	613150	98.25%	6.269%
7	13.085	13.041	13.127	BB	54099	624092	100.00%	6.381%
8	14.291	14.223	14.334	BB	49698	603319	96.67%	6.168%
9	15.198	15.162	15.240	BB	37580	519085	83.17%	5.307%
10	15.403	15.370	15.447	BB	48119	596151	95.52%	6.095%
11	16.431	16.385	16.474	BB	44039	572096	91.67%	5.849%
12	17.387	17.343	17.437	BB	41719	569147	91.20%	5.819%
13	18.281	18.231	18.325	BB	40861	564066	90.38%	5.767%
14	19.118	19.069	19.166	BB	37809	540450	86.60%	5.526%
15	19.906	19.851	19.951	BB	34458	490050	78.52%	5.010%
16	20.651	20.600	20.689	BV	27787	407589	65.31%	4.167%
17	21.439	21.380	21.491	BB	18035	348976	55.92%	3.568%
18	22.446	22.274	22.514	BV	12192	312176	50.02%	3.192%
Sum of corrected areas:						9781019		

FG070925.M Wed Jul 09 12:52:05 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016269.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 13:04
 Operator : YP\AJ
 Sample : FG070925ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG070925ICV

Integration File: autoint1.e
 Quant Time: Jul 09 13:17:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.201	4821262	48.219 ug/ml
Target Compounds			
1) N-OCTANE	2.123	5319853	47.111 ug/ml
2) N-DECANE	4.672	5441176	47.243 ug/ml
3) N-DODECANE	6.854	5503513	47.468 ug/ml
4) N-TETRADECANE	8.695	5554254	47.057 ug/ml
5) N-HEXADECANE	10.314	5523804	47.757 ug/ml
6) N-OCTADECANE	11.768	5625909	47.929 ug/ml
7) N-EICOSANE	13.089	5742018	47.997 ug/ml
8) N-DOCOSANE	14.295	5556394	48.216 ug/ml
10) N-TETRACOSANE	15.406	5504955	48.182 ug/ml
11) N-HEXACOSANE	16.435	5298642	48.152 ug/ml
12) N-OCTACOSANE	17.391	5242933	48.212 ug/ml
13) N-TRIACONTANE	18.285	5135626	48.059 ug/ml
14) N-DOTRIACONTANE	19.122	4824505	47.710 ug/ml
15) N-TETRATRIACONTANE	19.910	4244625	46.651 ug/ml
16) N-HEXATRIACONTANE	20.653	3386630	44.969 ug/ml
17) N-OCTATRIACONTANE	21.442	2764288	42.474 ug/ml
18) N-TETRACONTANE	22.445	2379471	41.285 ug/ml

(f)=RT Delta > 1/2 Window

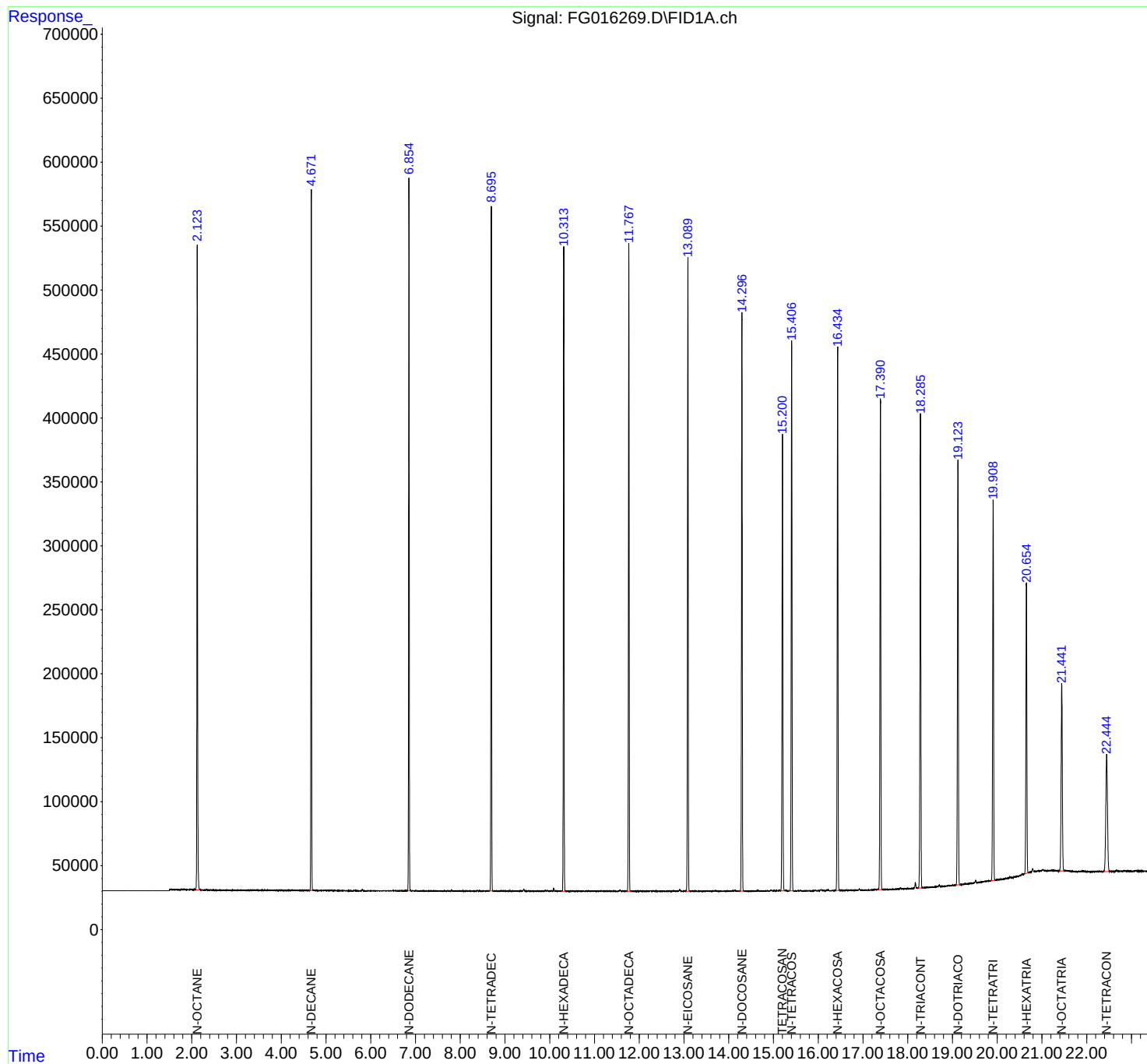
(m)=manual int.

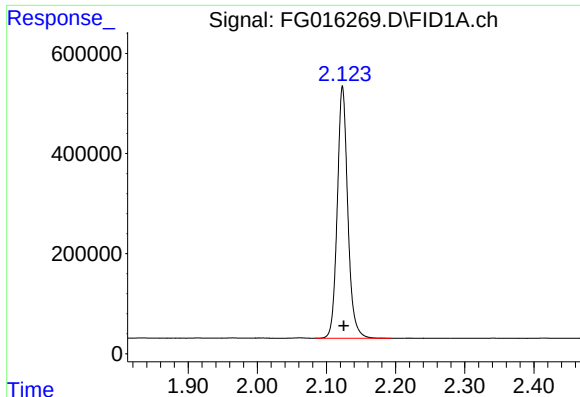
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016269.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 13:04
Operator : YP\AJ
Sample : FG070925ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
FG070925ICV

Integration File: autoint1.e
Quant Time: Jul 09 13:17:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Quant Title :
QLast Update : Wed Jul 09 12:46:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

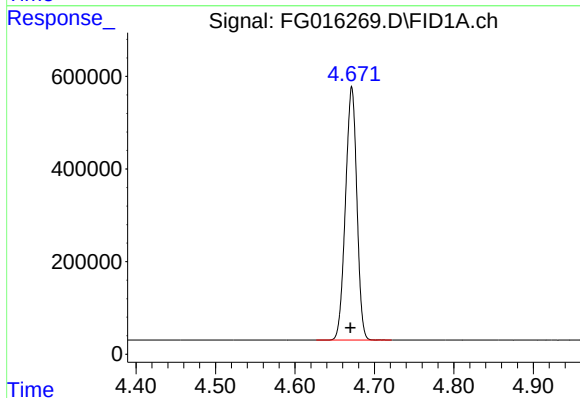




#1 N-OCTANE

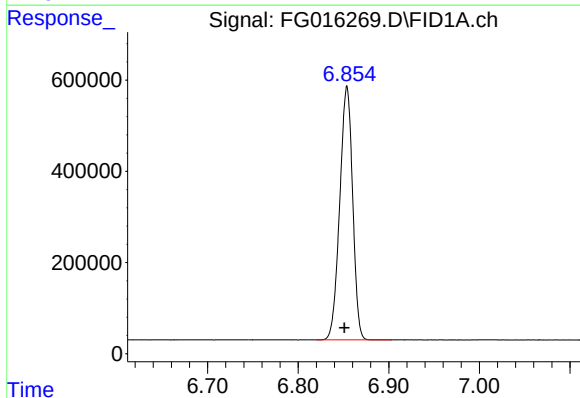
R.T.: 2.123 min
Delta R.T.: -0.002 min
Response: 5319853
Conc: 47.11 ug/ml

Instrument :
FID_G
ClientSampleId :
FG070925ICV



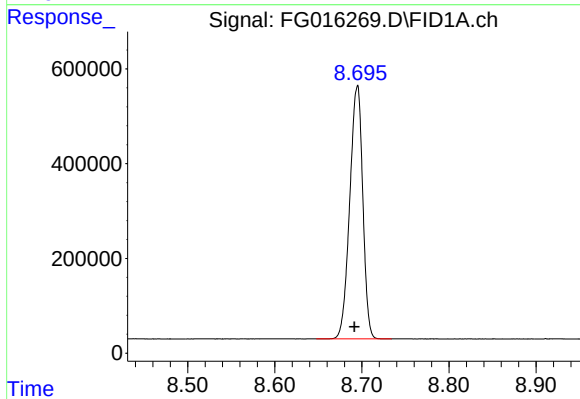
#2 N-DECANE

R.T.: 4.672 min
Delta R.T.: 0.002 min
Response: 5441176
Conc: 47.24 ug/ml



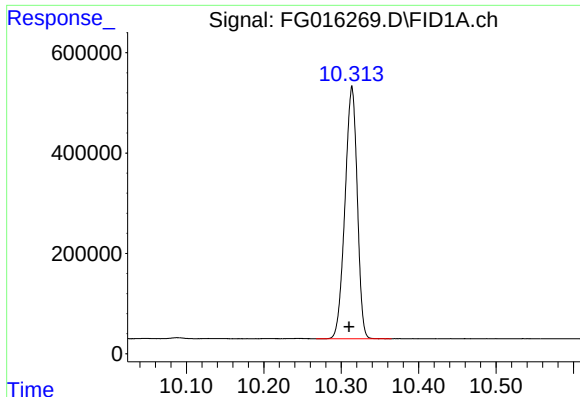
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.003 min
Response: 5503513
Conc: 47.47 ug/ml



#4 N-TETRADECANE

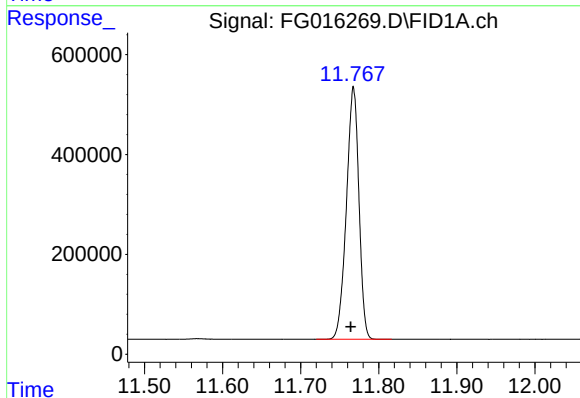
R.T.: 8.695 min
Delta R.T.: 0.003 min
Response: 5554254
Conc: 47.06 ug/ml



#5 N-HEXADECANE

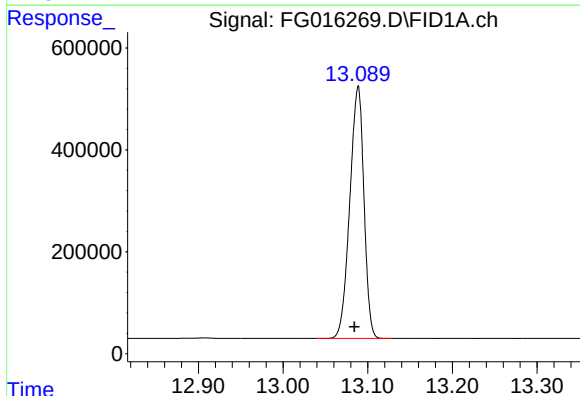
R.T.: 10.314 min
Delta R.T.: 0.004 min
Response: 5523804
Conc: 47.76 ug/ml

Instrument :
FID_G
ClientSampleId :
FG070925ICV



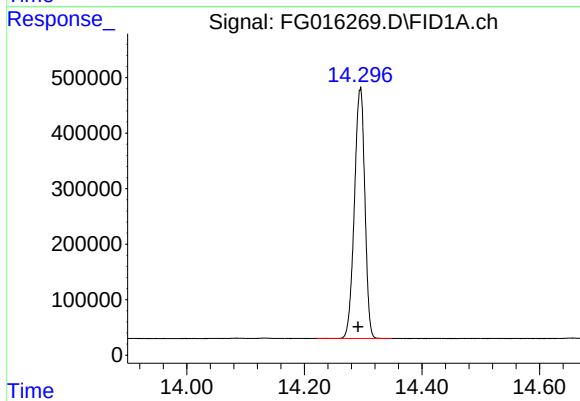
#6 N-OCTADECANE

R.T.: 11.768 min
Delta R.T.: 0.004 min
Response: 5625909
Conc: 47.93 ug/ml



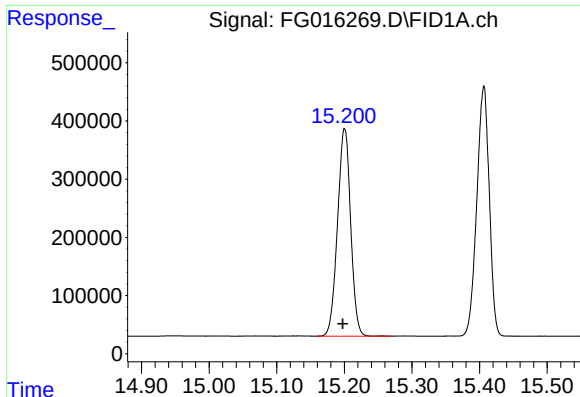
#7 N-EICOSANE

R.T.: 13.089 min
Delta R.T.: 0.004 min
Response: 5742018
Conc: 48.00 ug/ml



#8 N-DOCOSANE

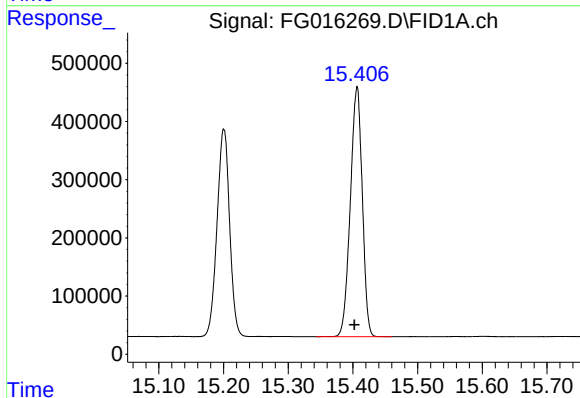
R.T.: 14.295 min
Delta R.T.: 0.004 min
Response: 5556394
Conc: 48.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

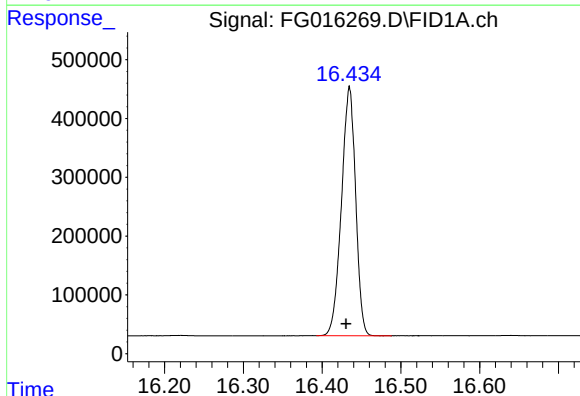
R.T.: 15.201 min
Delta R.T.: 0.003 min
Response: 4821262
Conc: 48.22 ug/ml

Instrument :
FID_G
ClientSampleId :
FG070925ICV



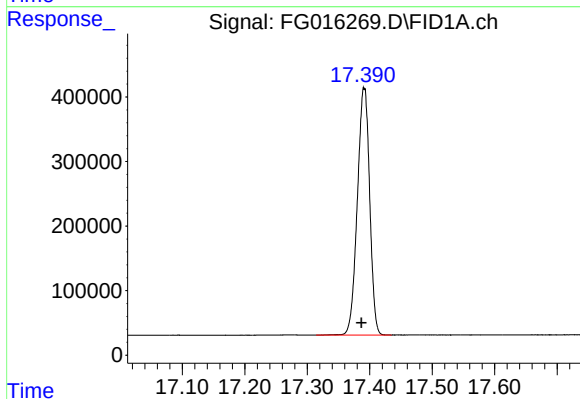
#10 N-TETRACOSANE

R.T.: 15.406 min
Delta R.T.: 0.004 min
Response: 5504955
Conc: 48.18 ug/ml



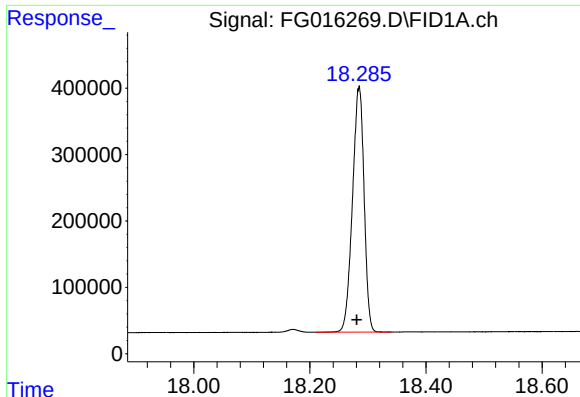
#11 N-HEXACOSANE

R.T.: 16.435 min
Delta R.T.: 0.004 min
Response: 5298642
Conc: 48.15 ug/ml



#12 N-OCTACOSANE

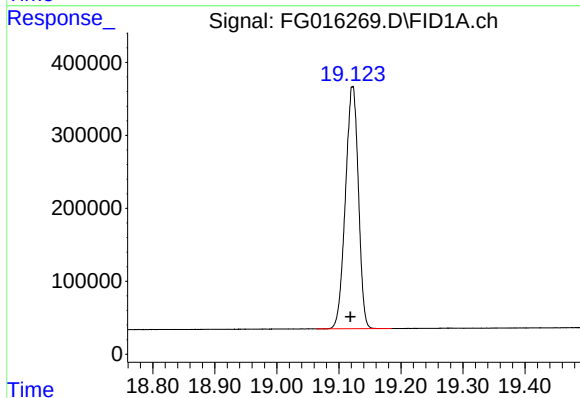
R.T.: 17.391 min
Delta R.T.: 0.004 min
Response: 5242933
Conc: 48.21 ug/ml



#13 N-TRIACONTANE

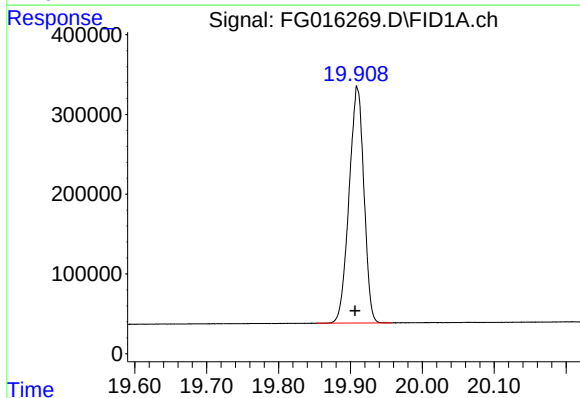
R.T.: 18.285 min
Delta R.T.: 0.004 min
Response: 5135626
Conc: 48.06 ug/ml

Instrument :
FID_G
ClientSampleId :
FG070925ICV



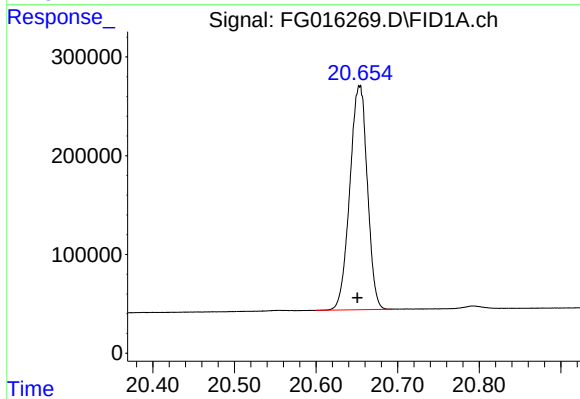
#14 N-DOTRIACONTANE

R.T.: 19.122 min
Delta R.T.: 0.004 min
Response: 4824505
Conc: 47.71 ug/ml



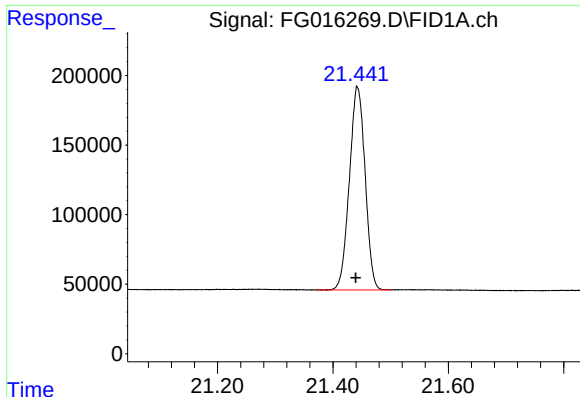
#15 N-TETRATRIACONTANE

R.T.: 19.910 min
Delta R.T.: 0.003 min
Response: 4244625
Conc: 46.65 ug/ml



#16 N-HEXATRIACONTANE

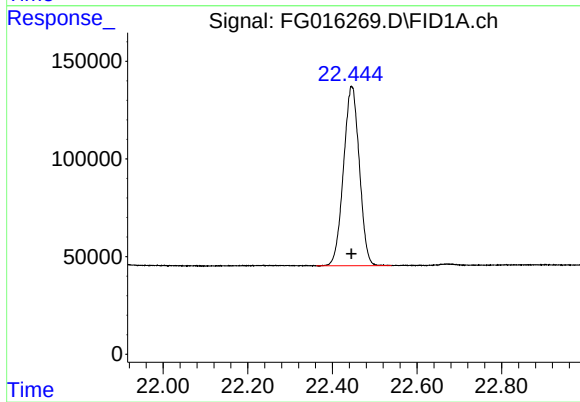
R.T.: 20.653 min
Delta R.T.: 0.003 min
Response: 3386630
Conc: 44.97 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.442 min
Delta R.T.: 0.003 min
Response: 2764288
Conc: 42.47 ug/ml

Instrument :
FID_G
ClientSampleId :
FG070925ICV



#18 N-TETRACONTANE

R.T.: 22.445 min
Delta R.T.: 0.000 min
Response: 2379471
Conc: 41.29 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
Data File : FG016269.D
Signal(s) : FID1A.ch
Acq On : 09 Jul 2025 13:04
Sample : FG070925ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.123	2.085	2.194	BB	503992	5319853	92.65%	6.054%
2	4.672	4.627	4.722	BB	547077	5441176	94.76%	6.192%
3	6.854	6.820	6.903	BB	557081	5503513	95.85%	6.263%
4	8.695	8.648	8.734	BB	534500	5554254	96.73%	6.321%
5	10.314	10.268	10.365	BB	503427	5523804	96.20%	6.286%
6	11.768	11.720	11.817	BB	505639	5625909	97.98%	6.403%
7	13.089	13.039	13.128	BB	496984	5742018	100.00%	6.535%
8	14.295	14.220	14.348	BB	448830	5556394	96.77%	6.323%
9	15.201	15.158	15.270	BB	355647	4821262	83.96%	5.487%
10	15.407	15.343	15.460	BB	430336	5504955	95.87%	6.265%
11	16.435	16.393	16.488	BB	422924	5298642	92.28%	6.030%
12	17.391	17.314	17.435	BB	381328	5242933	91.31%	5.967%
13	18.285	18.211	18.341	BB	370847	5135626	89.44%	5.845%
14	19.122	19.063	19.185	BB	331526	4824505	84.02%	5.491%
15	19.910	19.853	19.958	BB	293903	4244625	73.92%	4.831%
16	20.653	20.600	20.693	BB	225738	3386630	58.98%	3.854%
17	21.442	21.371	21.502	BB	145879	2764288	48.14%	3.146%
18	22.445	22.362	22.540	BB	91624	2379471	41.44%	2.708%
Sum of corrected areas:							87869857	

FG070925.M Wed Jul 09 14:42:10 2025