

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031025\
 Data File : FG015460.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2025 09:34
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 11 02:01:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.033	5370342	49.325 ug/ml
Target Compounds			
1) N-OCTANE	1.990	5330549	48.492 ug/ml
2) N-DECANE	4.530	5644174	50.723 ug/ml
3) N-DODECANE	6.713	6024607	51.839 ug/ml
4) N-TETRADECANE	8.550	6031856	52.347 ug/ml
5) N-HEXADECANE	10.165	6221434	52.417 ug/ml
6) N-OCTADECANE	11.613	6403928	51.709 ug/ml
7) N-EICOSANE	12.929	6192990	50.984 ug/ml
8) N-DOCOSANE	14.130	5994087	50.063 ug/ml
10) N-TETRACOSANE	15.238	5865061	49.115 ug/ml
11) N-HEXACOSANE	16.261	5684103	48.437 ug/ml
12) N-OCTACOSANE	17.215	5556116	48.000 ug/ml
13) N-TRIACONTANE	18.104	5517310	47.489 ug/ml
14) N-DOTRIACONTANE	18.939	5404652	46.845 ug/ml
15) N-TETRATRIACONTANE	19.723	4915014	45.765 ug/ml
16) N-HEXATRIACONTANE	20.463	4324685	45.111 ug/ml
17) N-OCTATRIACONTANE	21.209	3890164	43.589 ug/ml
18) N-TETRACONTANE	22.142	3611440	44.022 ug/ml

(f)=RT Delta > 1/2 Window

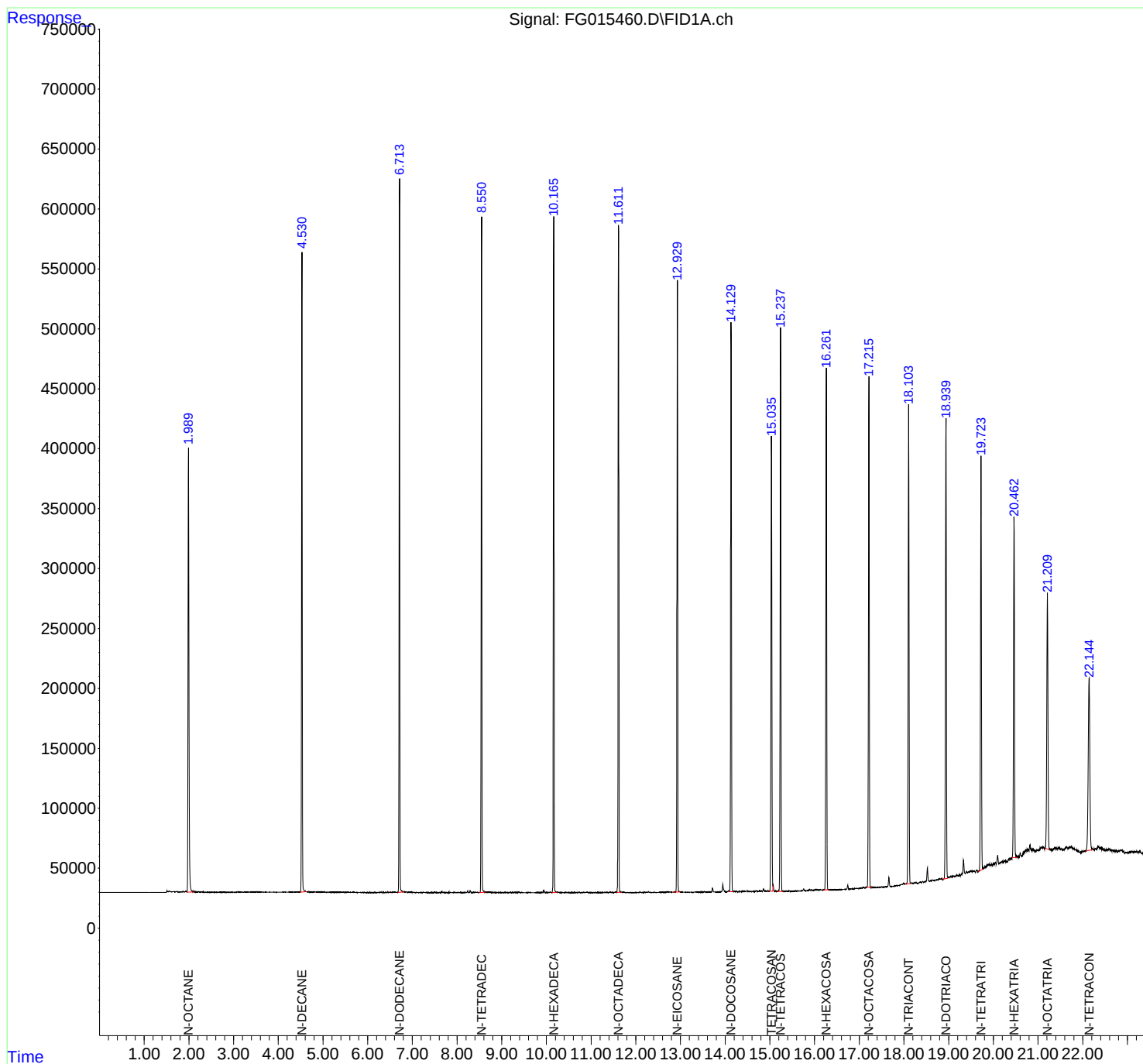
(m)=manual int.

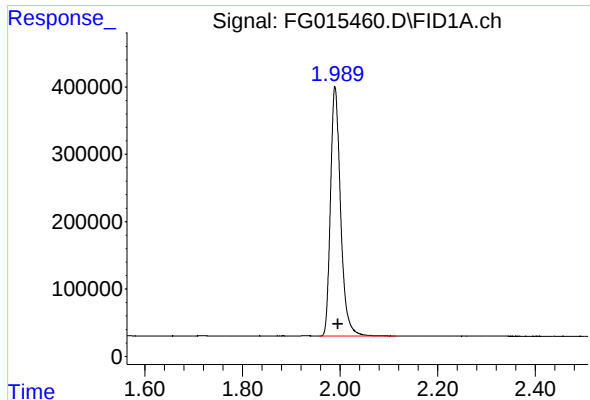
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031025\
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

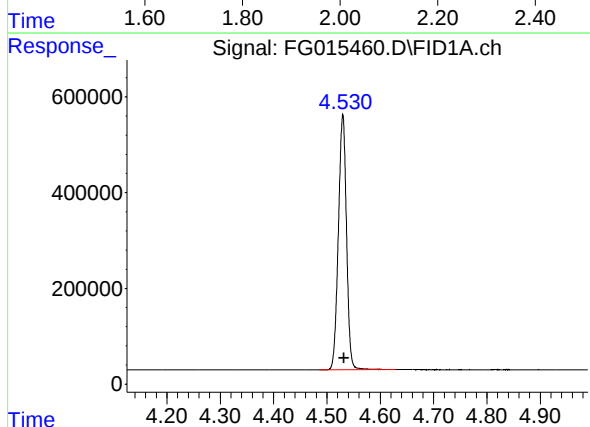




#1 N-OCTANE

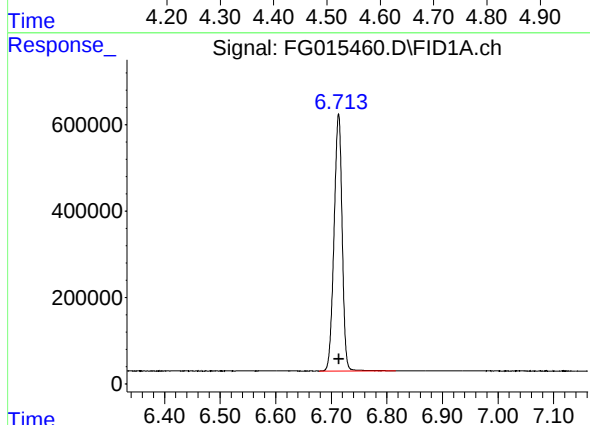
R.T.: 1.990 min
Delta R.T.: -0.006 min
Response: 5330549
Conc: 48.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



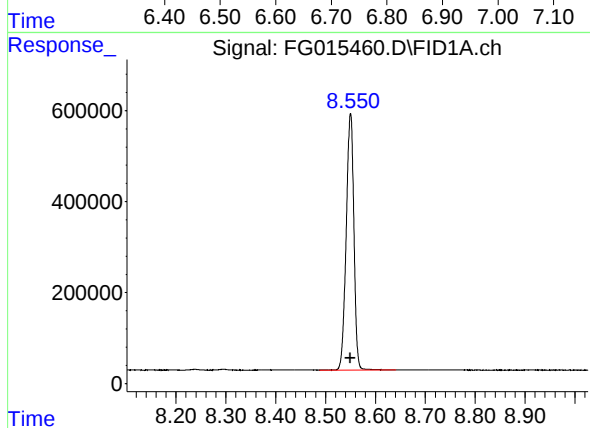
#2 N-DECANE

R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 5644174
Conc: 50.72 ug/ml



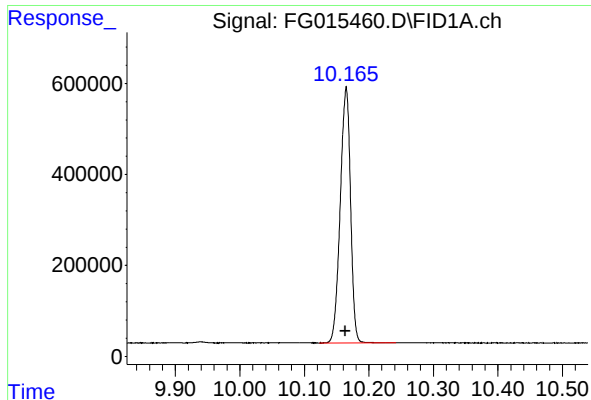
#3 N-DODECANE

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 6024607
Conc: 51.84 ug/ml



#4 N-TETRADECANE

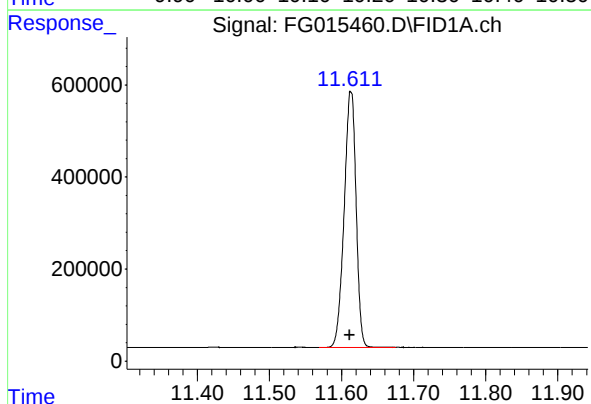
R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 6031856
Conc: 52.35 ug/ml



#5 N-HEXADECANE

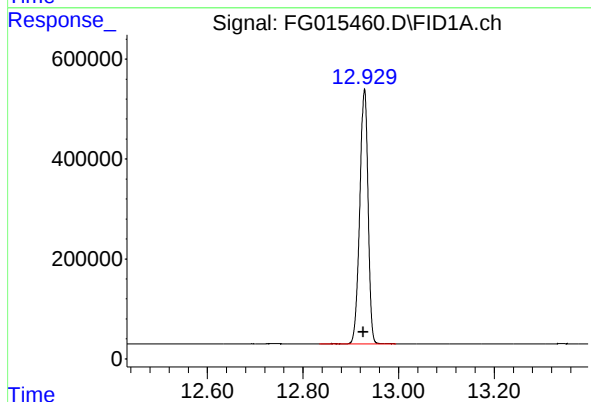
R.T.: 10.165 min
Delta R.T.: 0.001 min
Response: 6221434
Conc: 52.42 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



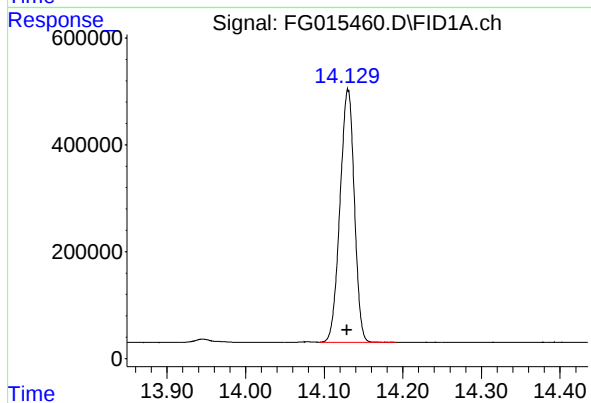
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: 0.002 min
Response: 6403928
Conc: 51.71 ug/ml



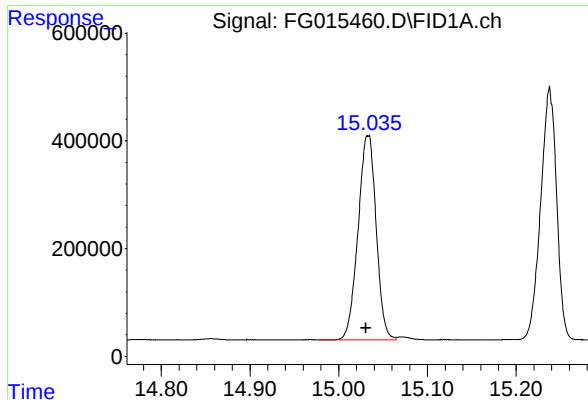
#7 N-EICOSANE

R.T.: 12.929 min
Delta R.T.: 0.003 min
Response: 6192990
Conc: 50.98 ug/ml



#8 N-DOCOSANE

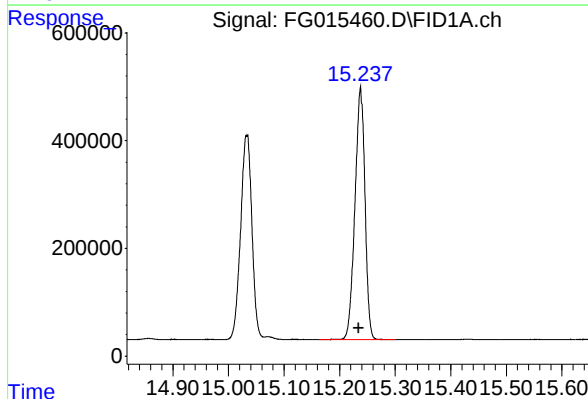
R.T.: 14.130 min
Delta R.T.: 0.001 min
Response: 5994087
Conc: 50.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

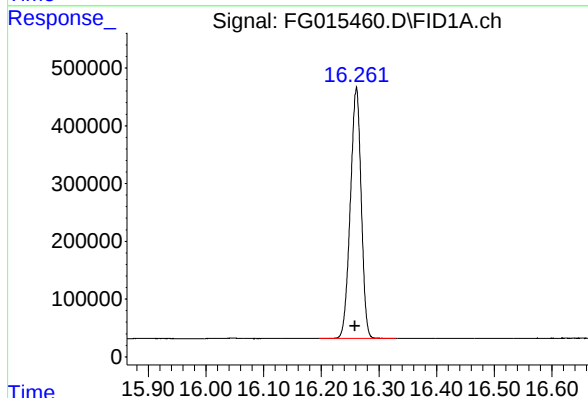
R.T.: 15.033 min
Delta R.T.: 0.002 min
Response: 5370342
Conc: 49.32 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



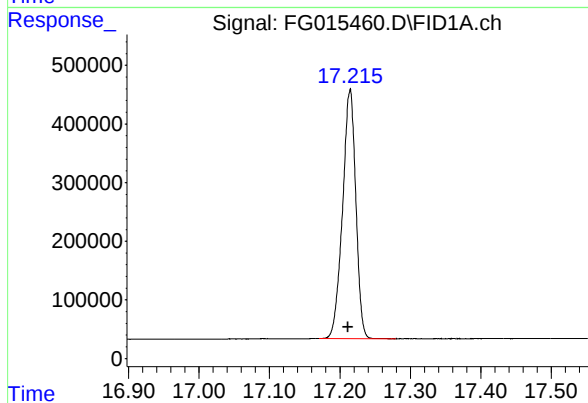
#10 N-TETRACOSANE

R.T.: 15.238 min
Delta R.T.: 0.003 min
Response: 5865061
Conc: 49.12 ug/ml



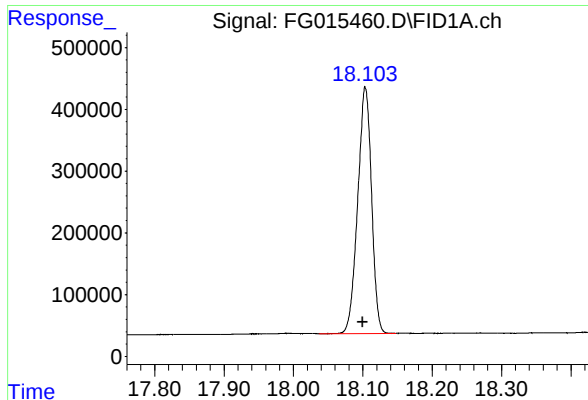
#11 N-HEXACOSANE

R.T.: 16.261 min
Delta R.T.: 0.003 min
Response: 5684103
Conc: 48.44 ug/ml



#12 N-OCTACOSANE

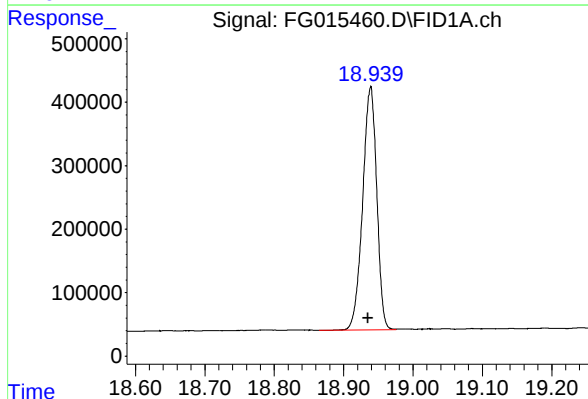
R.T.: 17.215 min
Delta R.T.: 0.003 min
Response: 5556116
Conc: 48.00 ug/ml



#13 N-TRIACONTANE

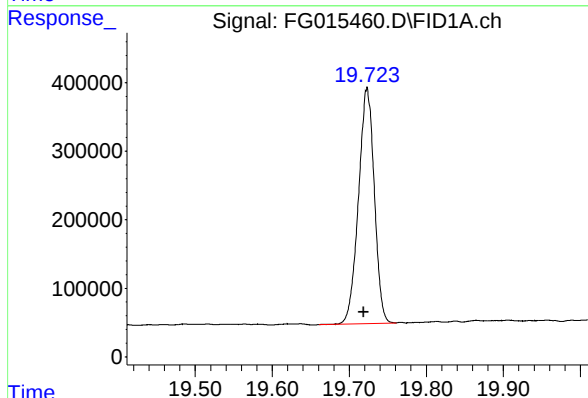
R.T.: 18.104 min
Delta R.T.: 0.004 min
Response: 5517310
Conc: 47.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



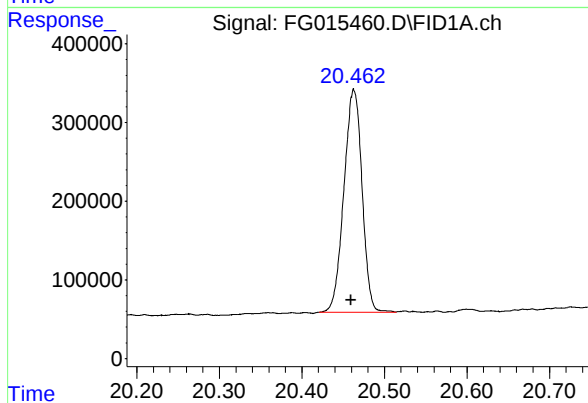
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: 0.004 min
Response: 5404652
Conc: 46.85 ug/ml



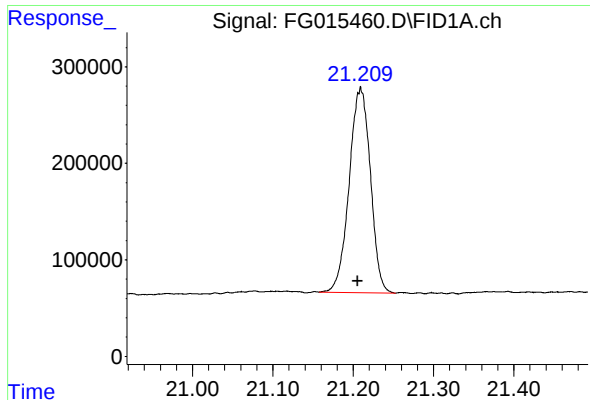
#15 N-TETRATRIACONTANE

R.T.: 19.723 min
Delta R.T.: 0.004 min
Response: 4915014
Conc: 45.77 ug/ml



#16 N-HEXATRIACONTANE

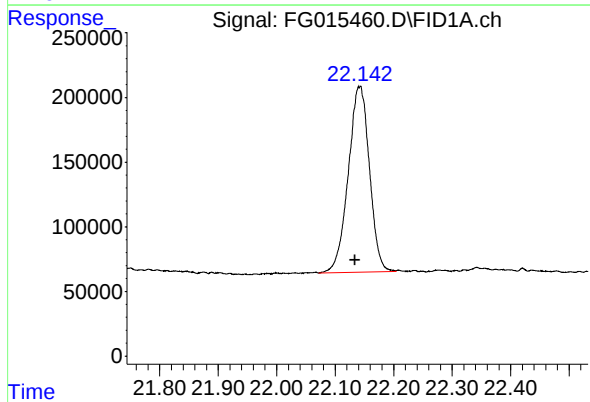
R.T.: 20.463 min
Delta R.T.: 0.003 min
Response: 4324685
Conc: 45.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.209 min
Delta R.T.: 0.004 min
Response: 3890164
Conc: 43.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.142 min
Delta R.T.: 0.009 min
Response: 3611440
Conc: 44.02 ug/ml