

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120224\
 Data File : FG014922.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 19:31
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e
 Quant Time: Dec 03 02:02:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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...	15.044	5976607	51.791 ug/ml
Target Compounds			
1) N-OCTANE	2.053	6615641	49.895 ug/ml
2) N-DECANE	4.567	6801502	50.970 ug/ml
3) N-DODECANE	6.740	6917023	50.271 ug/ml
4) N-TETRADECANE	8.572	6809689	51.080 ug/ml
5) N-HEXADECANE	10.183	6839517	50.818 ug/ml
6) N-OCTADECANE	11.630	6946482	50.599 ug/ml
7) N-EICOSANE	12.942	6831968	51.555 ug/ml
8) N-DOCOSANE	14.143	6614044	51.264 ug/ml
10) N-TETRACOSANE	15.248	6494395	51.283 ug/ml
11) N-HEXACOSANE	16.270	6323102	51.392 ug/ml
12) N-OCTACOSANE	17.220	6151227	50.845 ug/ml
13) N-TRIACONTANE	18.107	6056342	50.508 ug/ml
14) N-DOTRIACONTANE	18.942	5727924	49.244 ug/ml
15) N-TETRATRIACONTANE	19.724	4935488	48.933 ug/ml
16) N-HEXATRIACONTANE	20.462	4111736	50.703 ug/mlm
17) N-OCTATRIACONTANE	21.211	3729216	53.997 ug/ml
18) N-TETRACONTANE	22.144	3595380	58.282 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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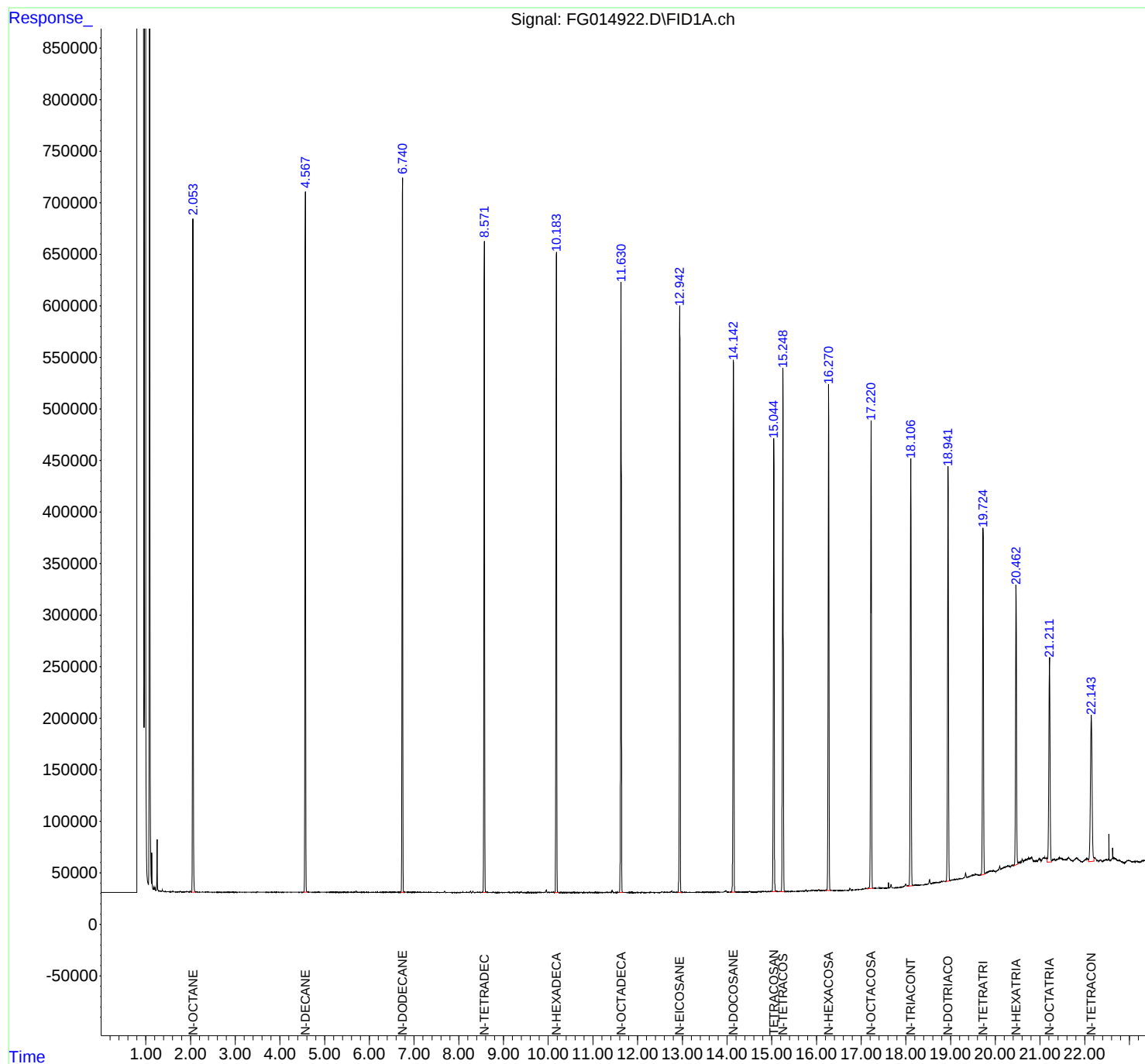
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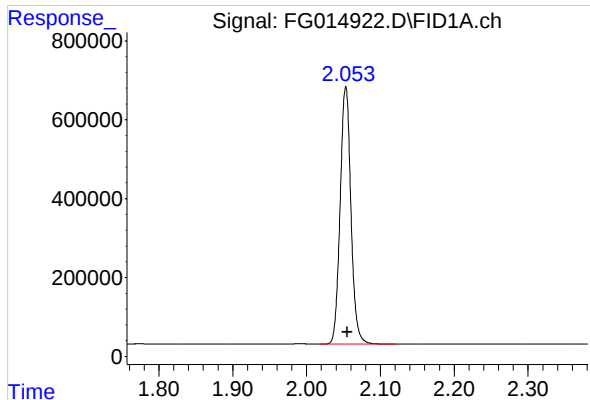
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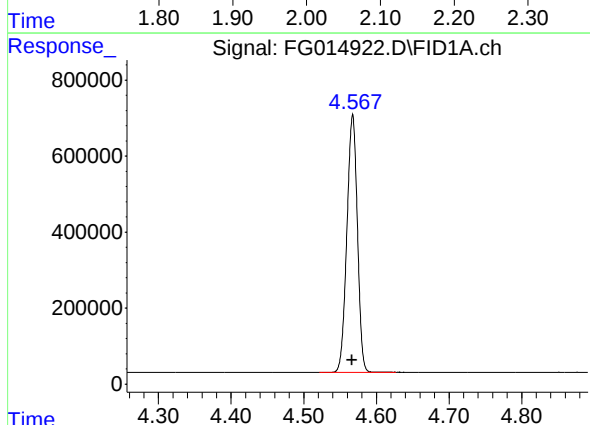
#1 N-OCTANE

R.T.: 2.053 min
Delta R.T.: -0.002 min
Response: 6615641
Conc: 49.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

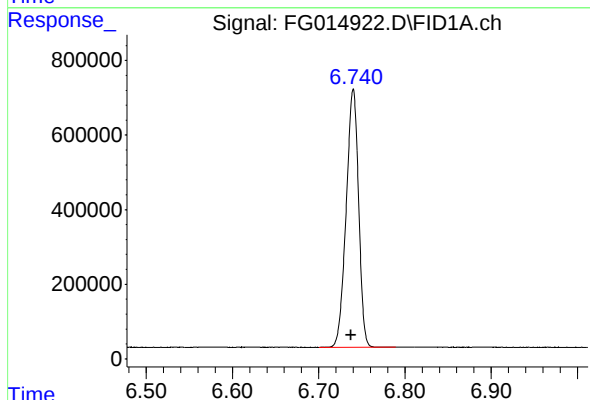
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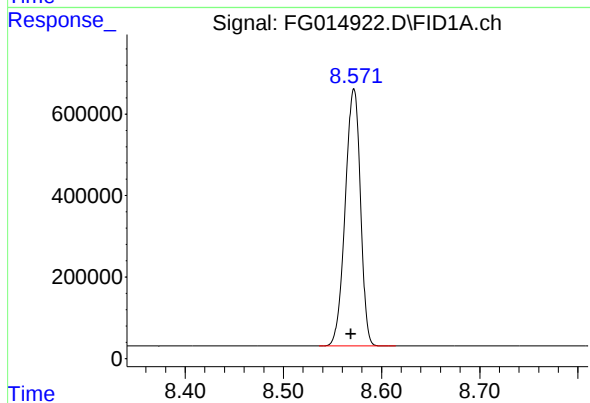
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 6801502
Conc: 50.97 ug/ml



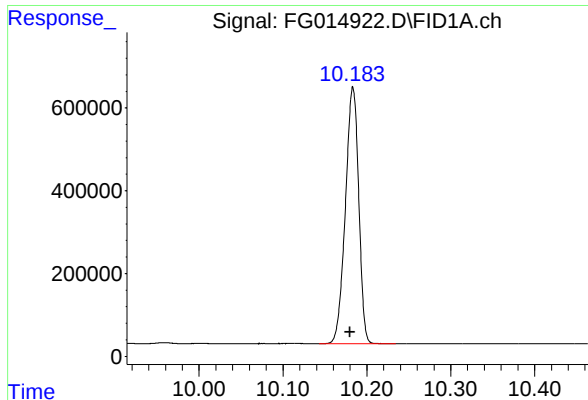
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: 0.003 min
Response: 6917023
Conc: 50.27 ug/ml



#4 N-TETRADECANE

R.T.: 8.572 min
Delta R.T.: 0.003 min
Response: 6809689
Conc: 51.08 ug/ml



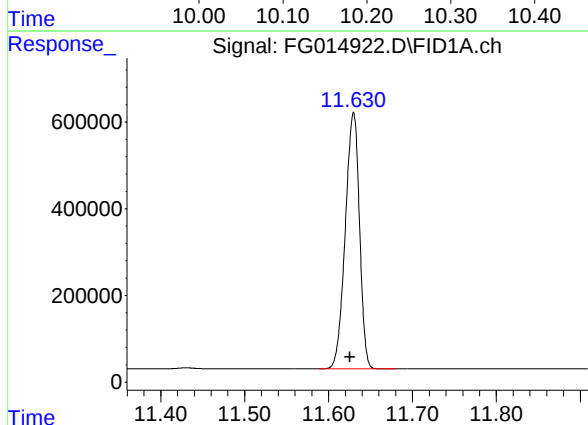
#5 N-HEXADECANE

R.T.: 10.183 min
Delta R.T.: 0.004 min
Response: 6839517
Conc: 50.82 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

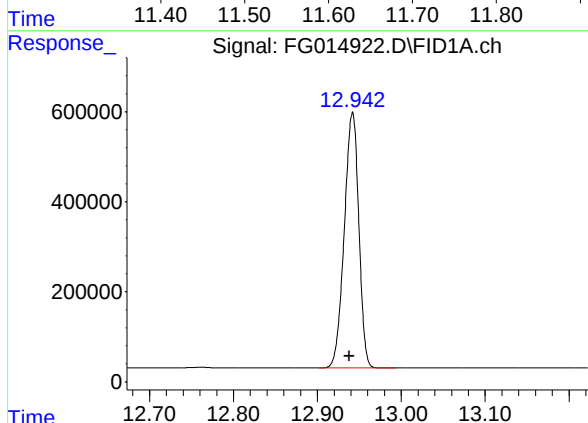
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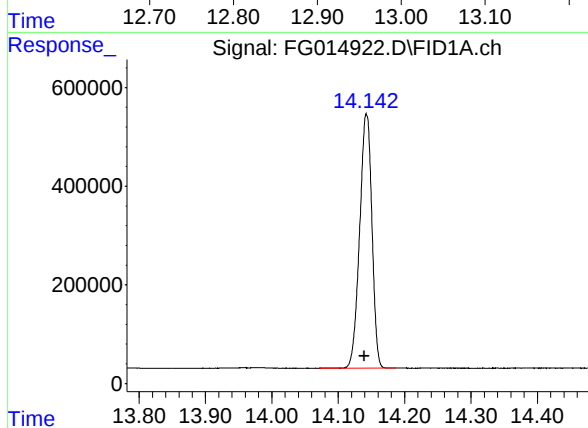
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: 0.004 min
Response: 6946482
Conc: 50.60 ug/ml



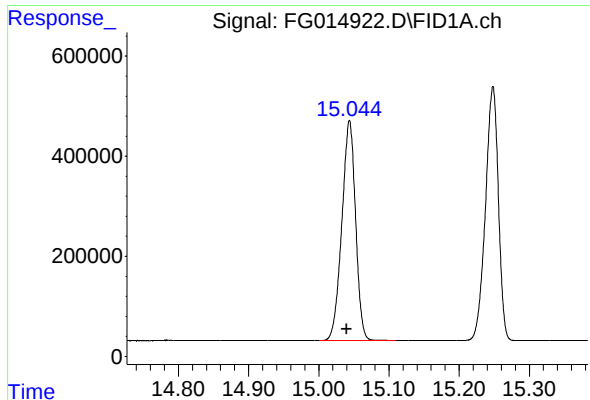
#7 N-EICOSANE

R.T.: 12.942 min
Delta R.T.: 0.004 min
Response: 6831968
Conc: 51.55 ug/ml



#8 N-DOCOSANE

R.T.: 14.143 min
Delta R.T.: 0.004 min
Response: 6614044
Conc: 51.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.044 min
Delta R.T.: 0.004 min
Response: 5976607
Conc: 51.79 ug/ml

Instrument :

FID_G

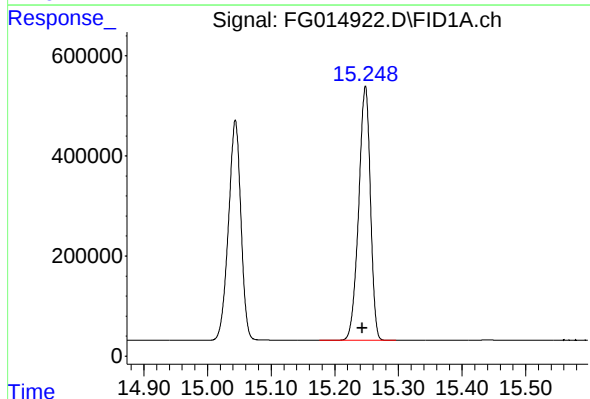
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

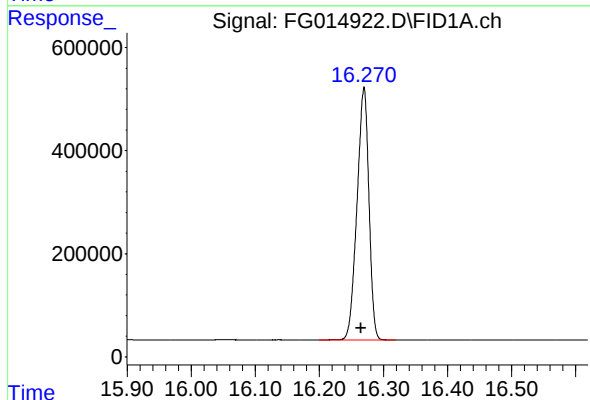
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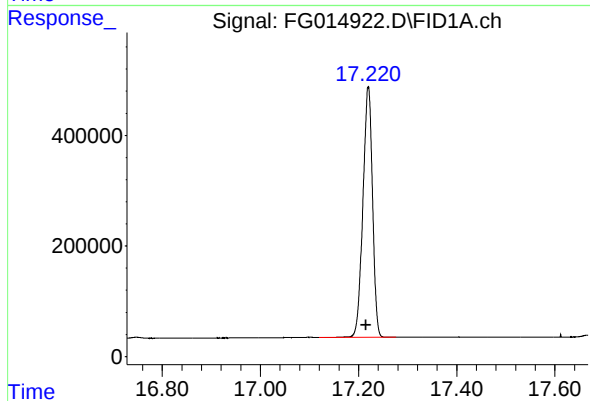
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: 0.005 min
Response: 6494395
Conc: 51.28 ug/ml



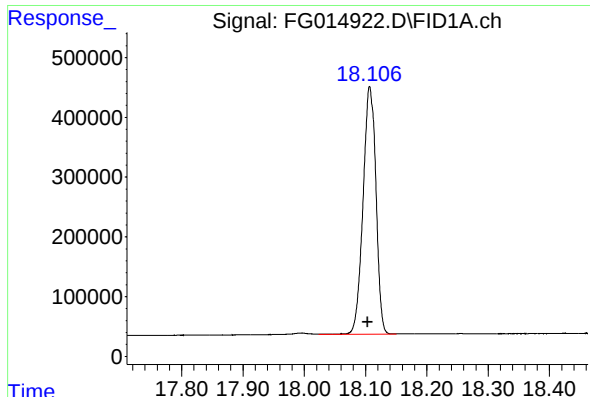
#11 N-HEXACOSANE

R.T.: 16.270 min
Delta R.T.: 0.005 min
Response: 6323102
Conc: 51.39 ug/ml



#12 N-OCTACOSANE

R.T.: 17.220 min
Delta R.T.: 0.005 min
Response: 6151227
Conc: 50.85 ug/ml



#13 N-TRIACONTANE

R.T.: 18.107 min
Delta R.T.: 0.003 min
Response: 6056342
Conc: 50.51 ug/ml

Instrument :

FID_G

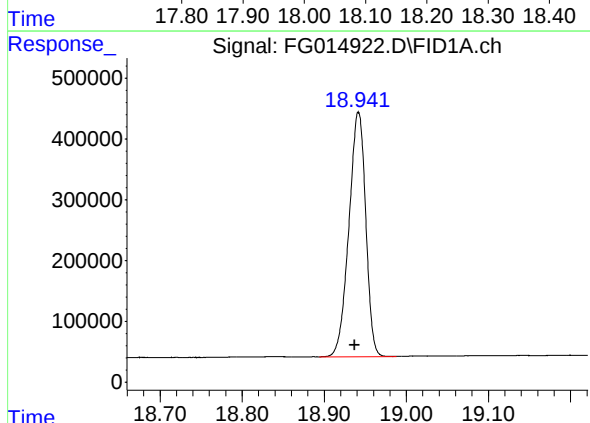
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

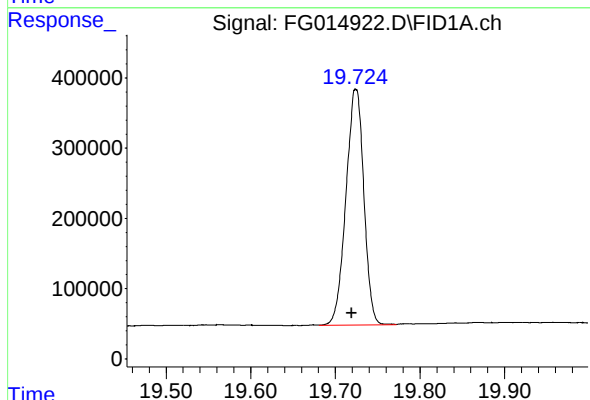
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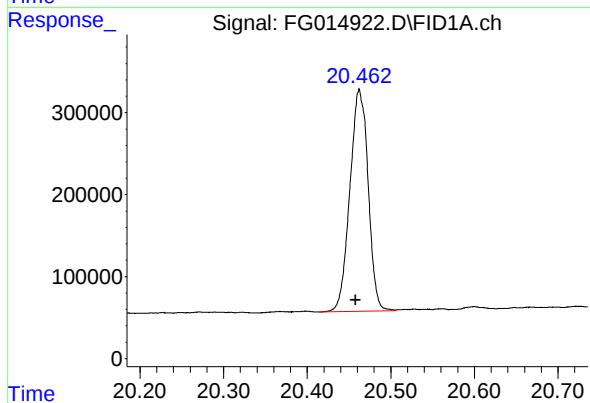
#14 N-DOTRIACONTANE

R.T.: 18.942 min
Delta R.T.: 0.005 min
Response: 5727924
Conc: 49.24 ug/ml



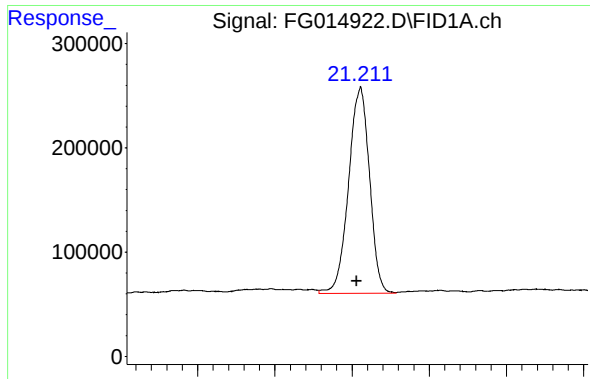
#15 N-TETRATRIACONTANE

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 4935488
Conc: 48.93 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.462 min
Delta R.T.: 0.004 min
Response: 4111736
Conc: 50.70 ug/ml m



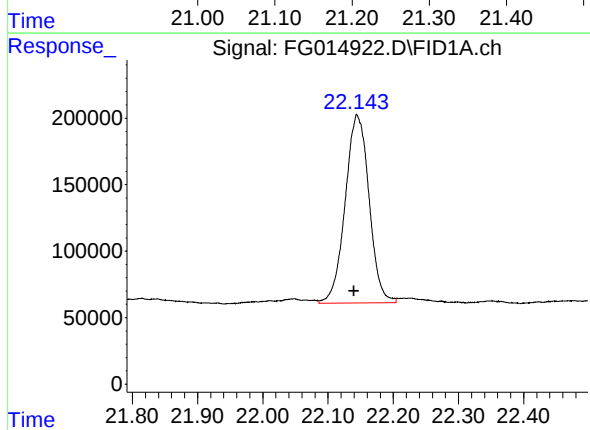
#17 N-OCTATRIACONTANE

R.T.: 21.211 min
Delta R.T.: 0.005 min
Response: 3729216
Conc: 54.00 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.144 min
Delta R.T.: 0.004 min
Response: 3595380
Conc: 58.28 ug/ml