

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016342.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 15:51
 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: Jul 19 02:01:08 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...	15.212	4769042	47.697 ug/ml
Target Compounds			
1) N-OCTANE	2.120	4897603	43.371 ug/ml
2) N-DECANE	4.673	5253598	45.614 ug/ml
3) N-DODECANE	6.857	5372344	46.337 ug/ml
4) N-TETRADECANE	8.699	5475752	46.392 ug/ml
5) N-HEXADECANE	10.320	5529021	47.802 ug/ml
6) N-OCTADECANE	11.775	5665186	48.264 ug/ml
7) N-EICOSANE	13.096	5718873	47.804 ug/ml
8) N-DOCOSANE	14.305	5456486	47.349 ug/ml
10) N-TETRACOSANE	15.417	5537420	48.466 ug/ml
11) N-HEXACOSANE	16.447	5239579	47.615 ug/ml
12) N-OCTACOSANE	17.403	5209495	47.904 ug/ml
13) N-TRIACONTANE	18.298	5332718	49.904 ug/ml
14) N-DOTRIACONTANE	19.137	5292730	52.341 ug/ml
15) N-TETRATRIACONTANE	19.926	4844121	53.240 ug/ml
16) N-HEXATRIACONTANE	20.671	4256596	56.521 ug/ml
17) N-OCTATRIACONTANE	21.465	3939248	60.527 ug/ml
18) N-TETRACONTANE	22.478	3863052	67.026 ug/ml

(f)=RT Delta > 1/2 Window

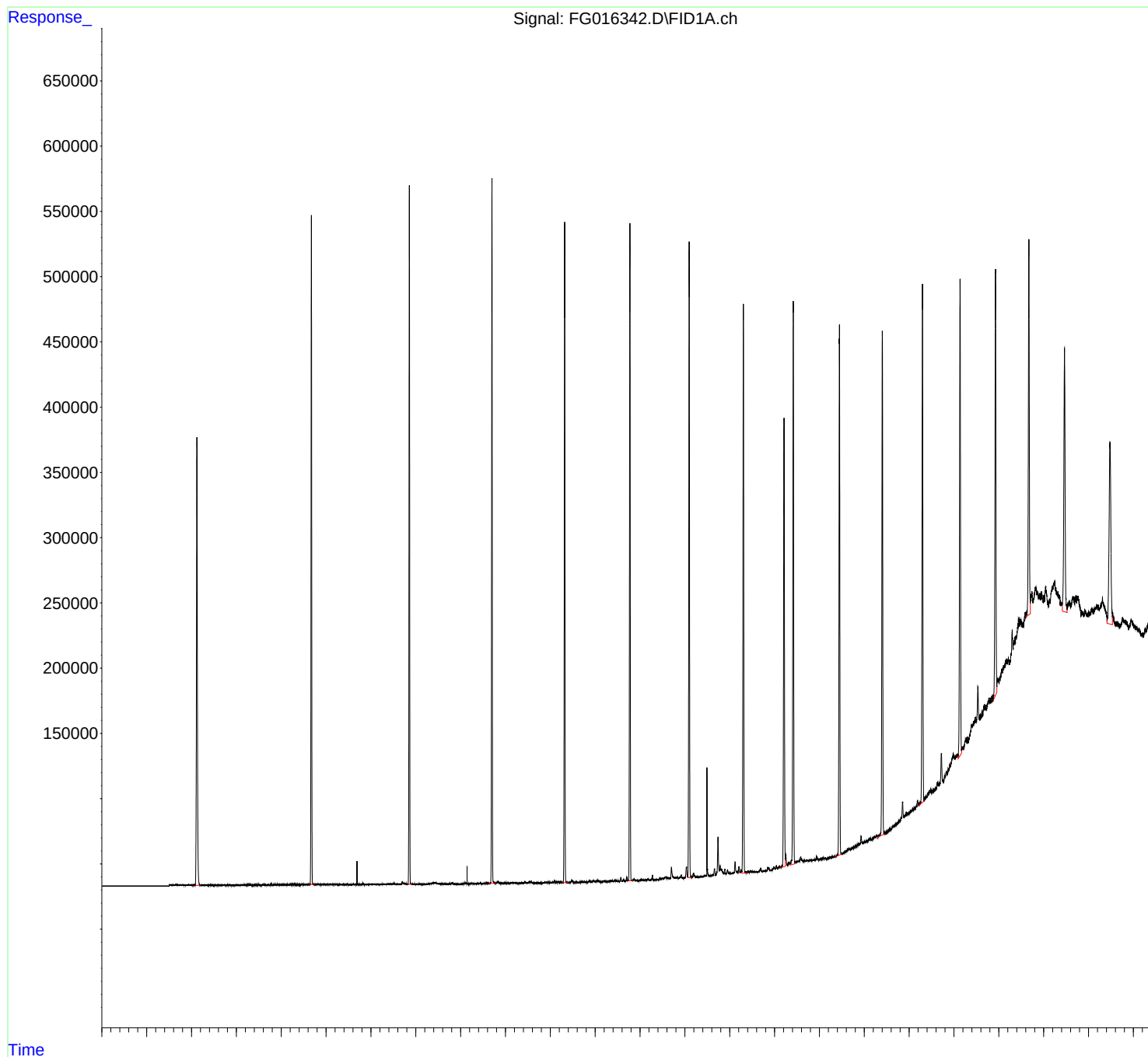
(m)=manual int.

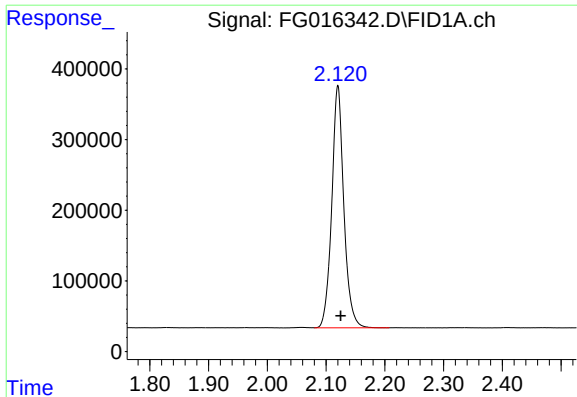
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

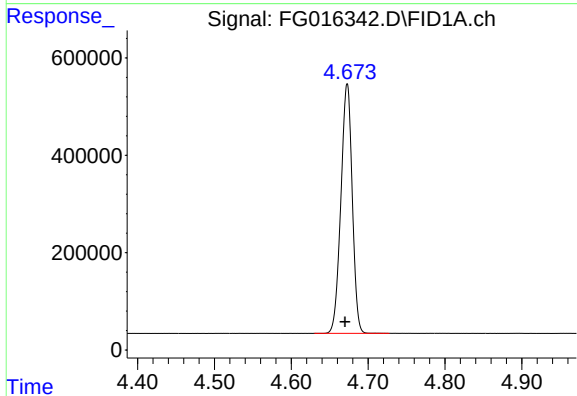




#1 N-OCTANE

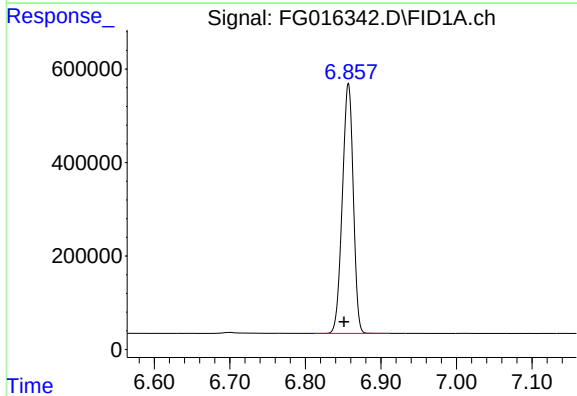
R.T.: 2.120 min
Delta R.T.: -0.005 min
Response: 4897603
Conc: 43.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



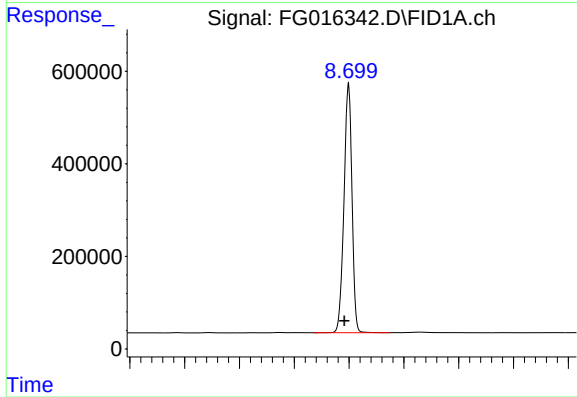
#2 N-DECANE

R.T.: 4.673 min
Delta R.T.: 0.003 min
Response: 5253598
Conc: 45.61 ug/ml



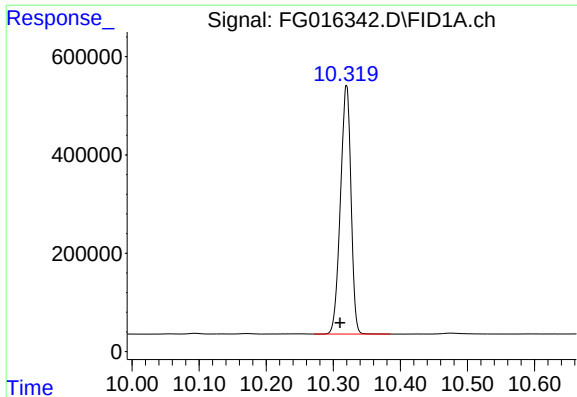
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.006 min
Response: 5372344
Conc: 46.34 ug/ml



#4 N-TETRADECANE

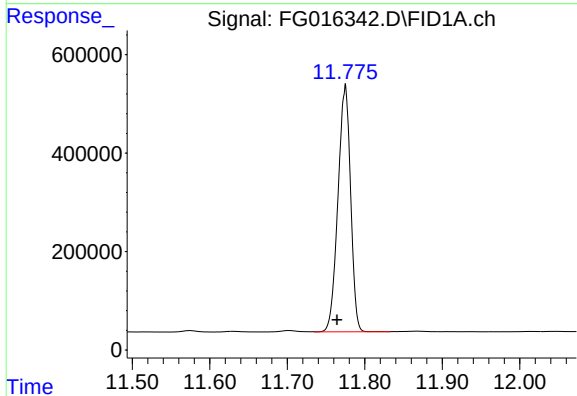
R.T.: 8.699 min
Delta R.T.: 0.007 min
Response: 5475752
Conc: 46.39 ug/ml



#5 N-HEXADECANE

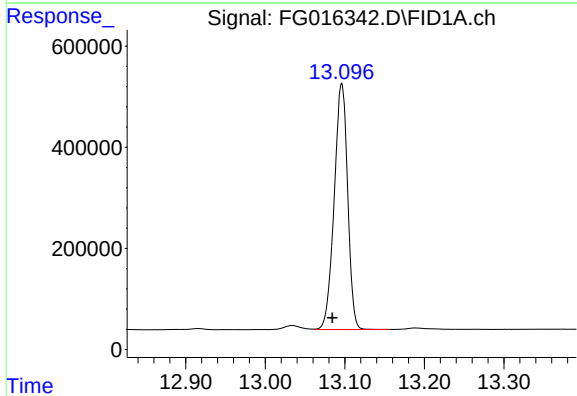
R.T.: 10.320 min
Delta R.T.: 0.009 min
Response: 5529021
Conc: 47.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



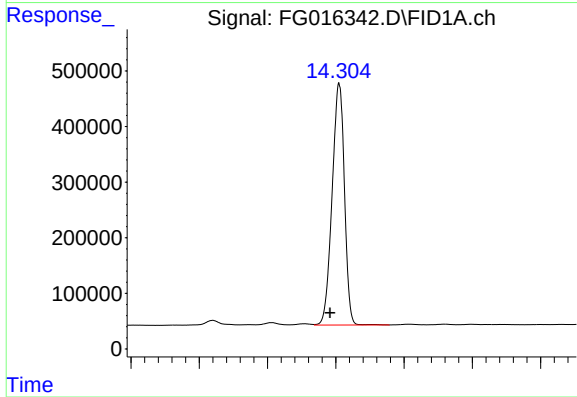
#6 N-OCTADECANE

R.T.: 11.775 min
Delta R.T.: 0.011 min
Response: 5665186
Conc: 48.26 ug/ml



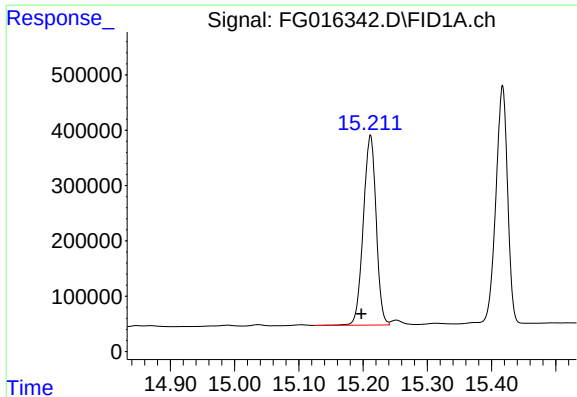
#7 N-EICOSANE

R.T.: 13.096 min
Delta R.T.: 0.012 min
Response: 5718873
Conc: 47.80 ug/ml



#8 N-DOCOSANE

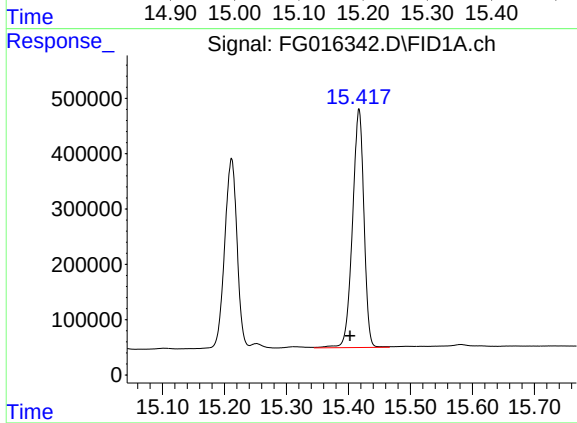
R.T.: 14.305 min
Delta R.T.: 0.014 min
Response: 5456486
Conc: 47.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

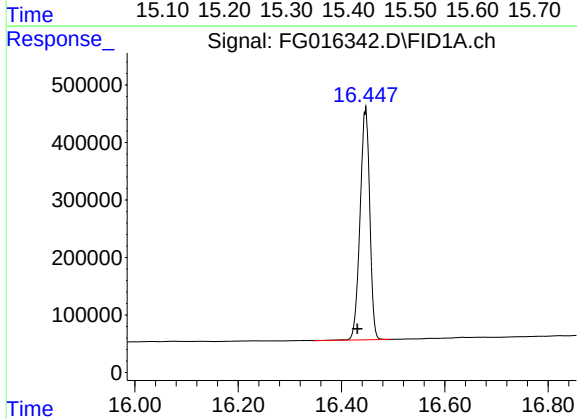
R.T.: 15.212 min
Delta R.T.: 0.014 min
Response: 4769042
Conc: 47.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



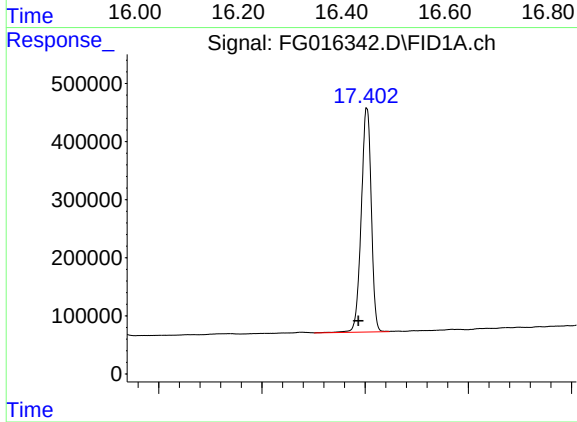
#10 N-TETRACOSANE

R.T.: 15.417 min
Delta R.T.: 0.015 min
Response: 5537420
Conc: 48.47 ug/ml



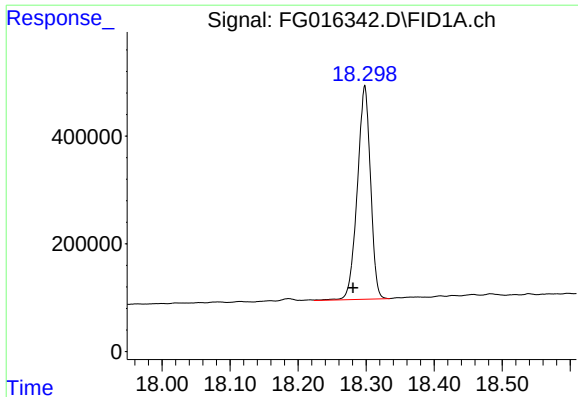
#11 N-HEXACOSANE

R.T.: 16.447 min
Delta R.T.: 0.016 min
Response: 5239579
Conc: 47.62 ug/ml



#12 N-OCTACOSANE

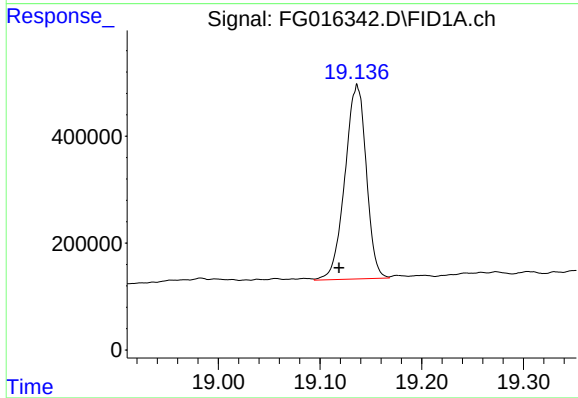
R.T.: 17.403 min
Delta R.T.: 0.016 min
Response: 5209495
Conc: 47.90 ug/ml



#13 N-TRIACONTANE

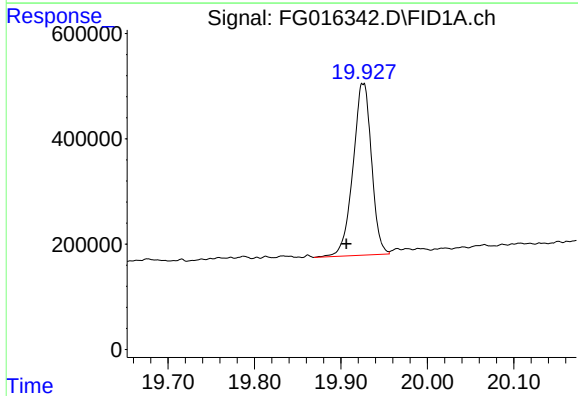
R.T.: 18.298 min
Delta R.T.: 0.017 min
Response: 5332718
Conc: 49.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



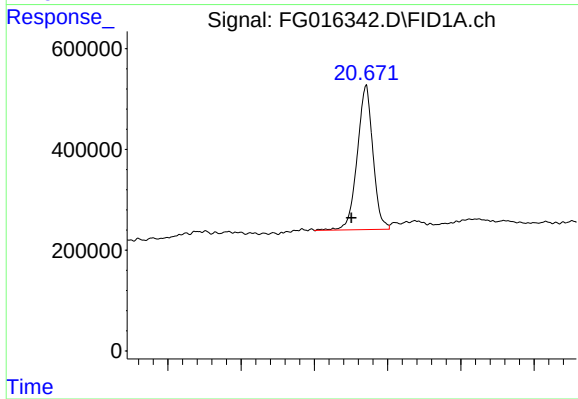
#14 N-DOTRIACONTANE

R.T.: 19.137 min
Delta R.T.: 0.018 min
Response: 5292730
Conc: 52.34 ug/ml



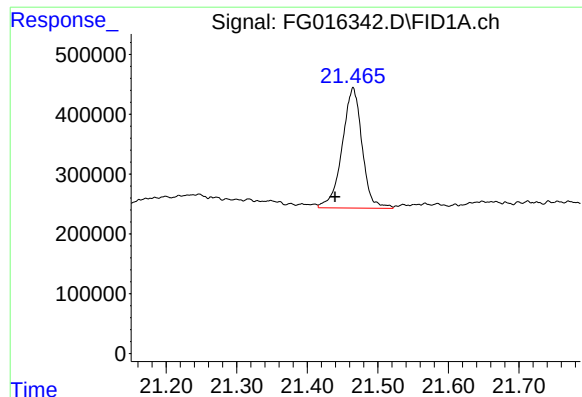
#15 N-TETRATRIACONTANE

R.T.: 19.926 min
Delta R.T.: 0.019 min
Response: 4844121
Conc: 53.24 ug/ml



#16 N-HEXATRIACONTANE

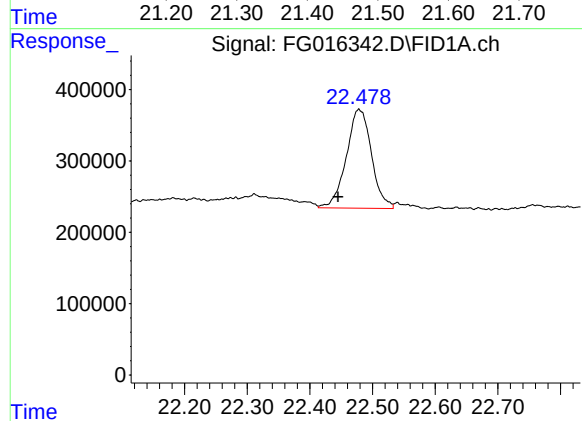
R.T.: 20.671 min
Delta R.T.: 0.020 min
Response: 4256596
Conc: 56.52 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.465 min
Delta R.T.: 0.026 min
Response: 3939248
Conc: 60.53 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.478 min
Delta R.T.: 0.033 min
Response: 3863052
Conc: 67.03 ug/ml