

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122623\
 Data File : FG013313.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 12:56
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:28:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 2023
 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...	15.078	5713131	53.219 ug/ml
Target Compounds			
1) N-OCTANE	2.055	5208206	42.694 ug/mlm
2) N-DECANE	4.586	6044131	47.816 ug/ml
3) N-DODECANE	6.763	6240241	49.684 ug/ml
4) N-TETRADECANE	8.597	6315638	52.317 ug/ml
5) N-HEXADECANE	10.211	6505586	53.523 ug/ml
6) N-OCTADECANE	11.660	6516071	54.219 ug/ml
7) N-EICOSANE	12.975	6429510	54.410 ug/ml
8) N-DOCOSANE	14.177	6139712	54.129 ug/ml
10) N-TETRACOSANE	15.284	6076347	52.174 ug/ml
11) N-HEXACOSANE	16.307	5830904	52.358 ug/ml
12) N-OCTACOSANE	17.259	5710983	51.749 ug/ml
13) N-TRIACONTANE	18.148	5649411	51.440 ug/ml
14) N-DOTRIACONTANE	18.982	5410027	50.577 ug/ml
15) N-TETRATRIACONTANE	19.766	4603179	49.000 ug/ml
16) N-HEXATRIACONTANE	20.507	3591723	46.315 ug/mlm
17) N-OCTATRIACONTANE	21.260	3097624	44.823 ug/ml
18) N-TETRACONTANE	22.209	2795437	38.573 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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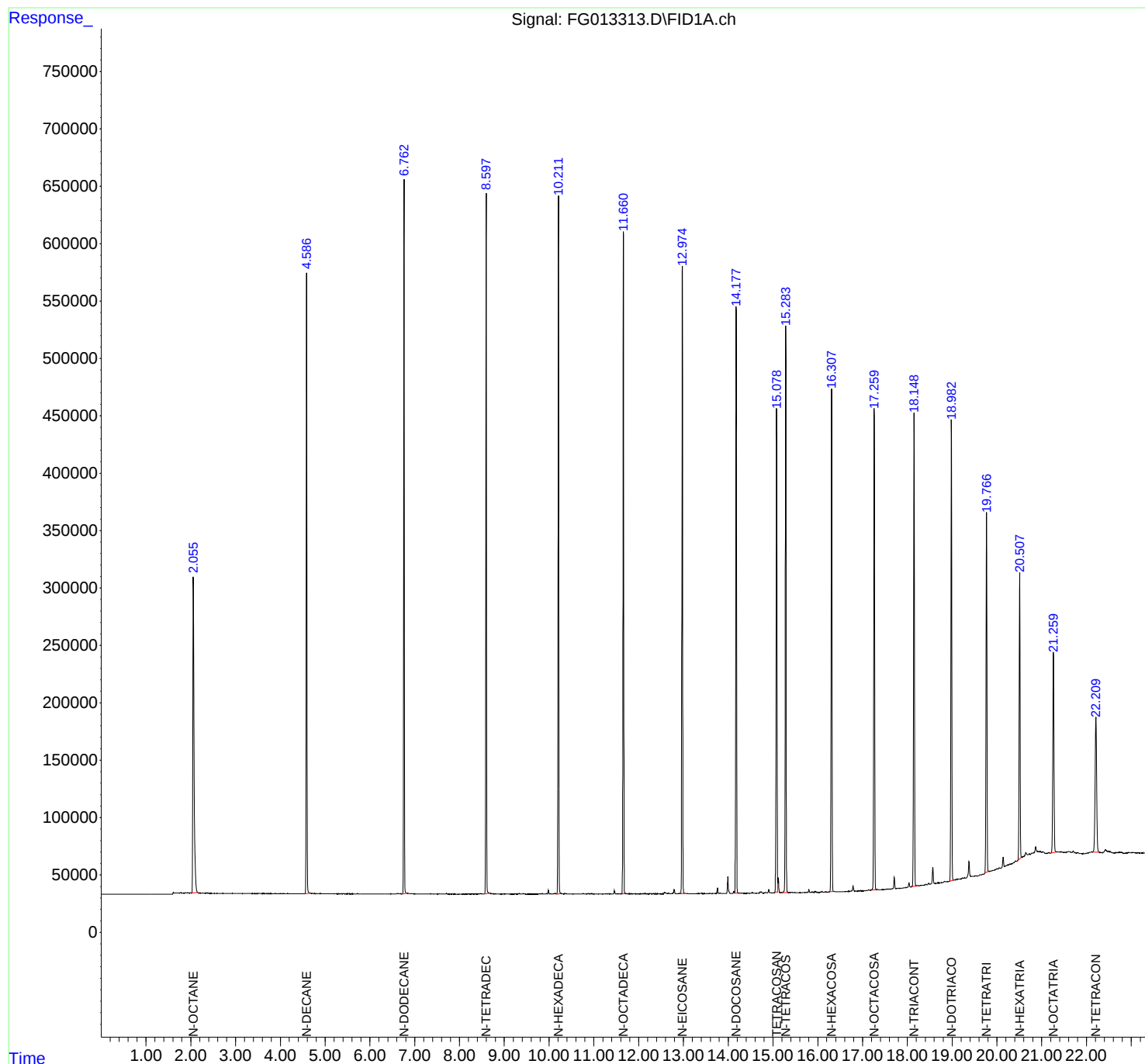
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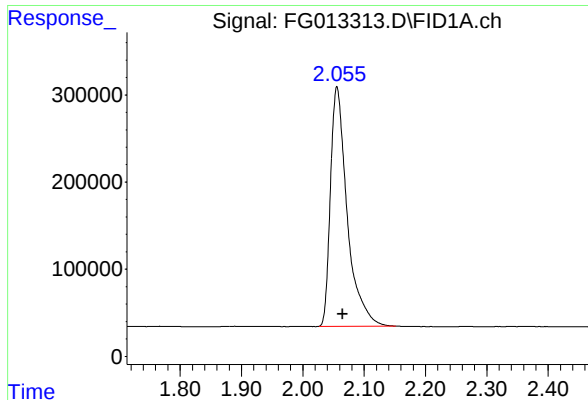
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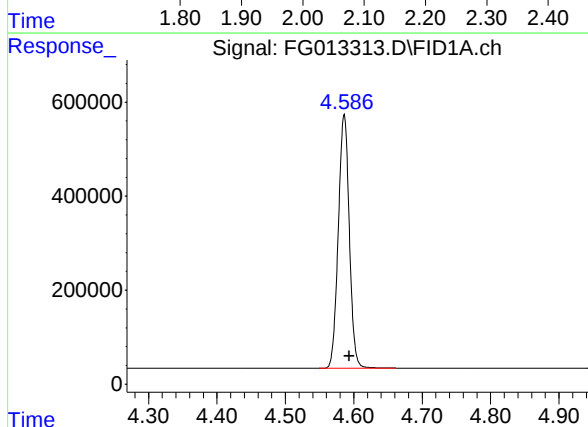
#1 N-OCTANE

R.T.: 2.055 min
Delta R.T.: -0.010 min
Response: 5208206
Conc: 42.69 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

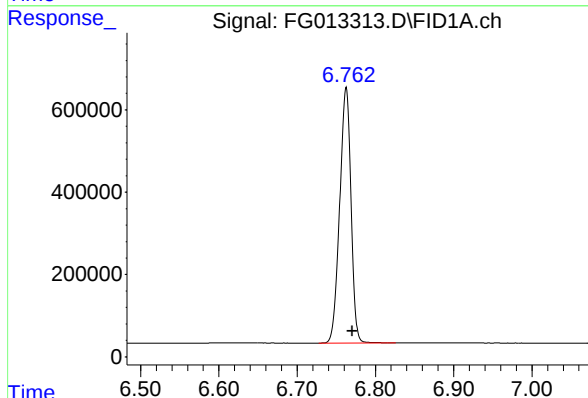
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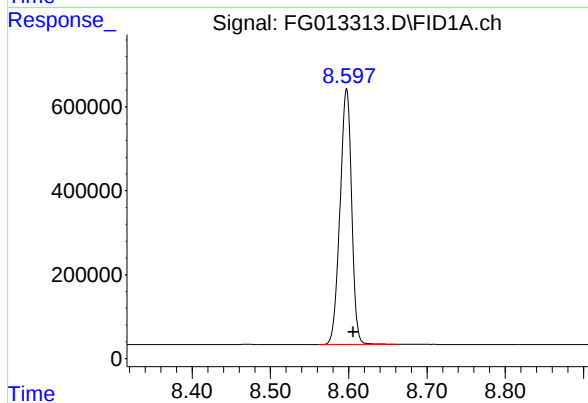
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: -0.007 min
Response: 6044131
Conc: 47.82 ug/ml



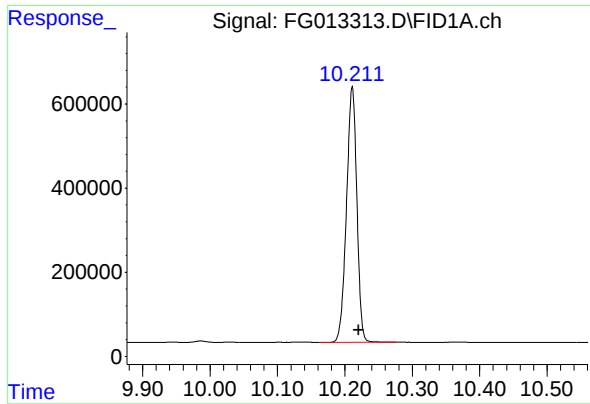
#3 N-DODECANE

R.T.: 6.763 min
Delta R.T.: -0.008 min
Response: 6240241
Conc: 49.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.597 min
Delta R.T.: -0.009 min
Response: 6315638
Conc: 52.32 ug/ml



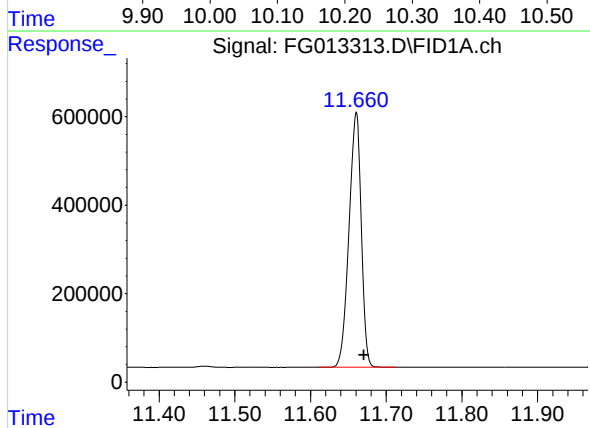
#5 N-HEXADECANE

R.T.: 10.211 min
Delta R.T.: -0.009 min
Response: 6505586
Conc: 53.52 ug/ml

Instrument :
FID_G
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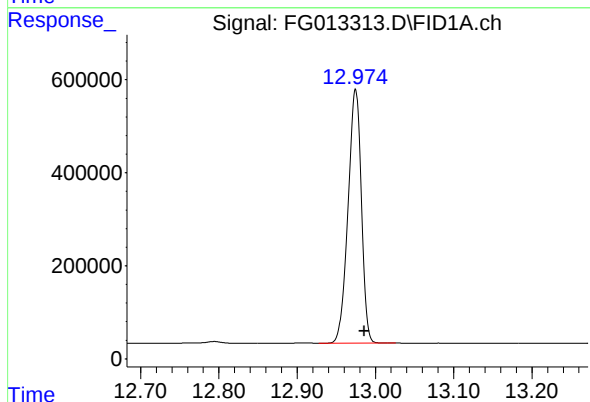
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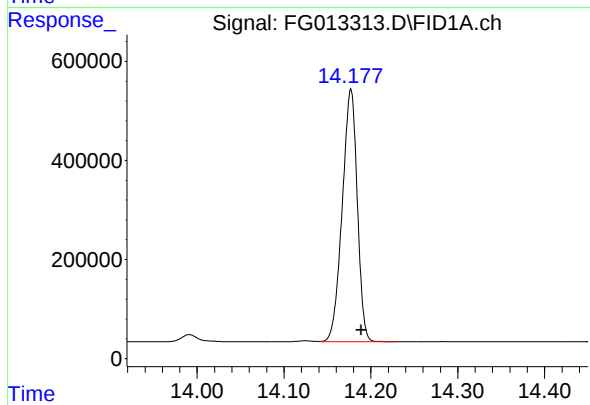
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.010 min
Response: 6516071
Conc: 54.22 ug/ml



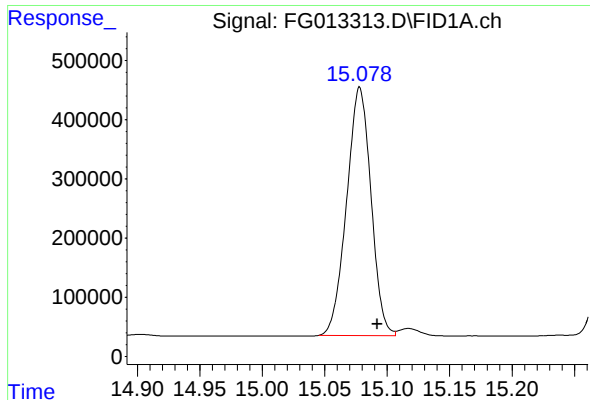
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.011 min
Response: 6429510
Conc: 54.41 ug/ml



#8 N-DOCOSANE

R.T.: 14.177 min
Delta R.T.: -0.012 min
Response: 6139712
Conc: 54.13 ug/ml



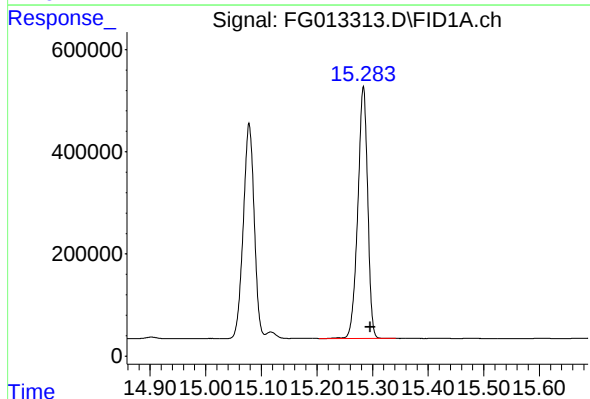
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min
Delta R.T.: -0.014 min
Response: 5713131
Conc: 53.22 ug/ml

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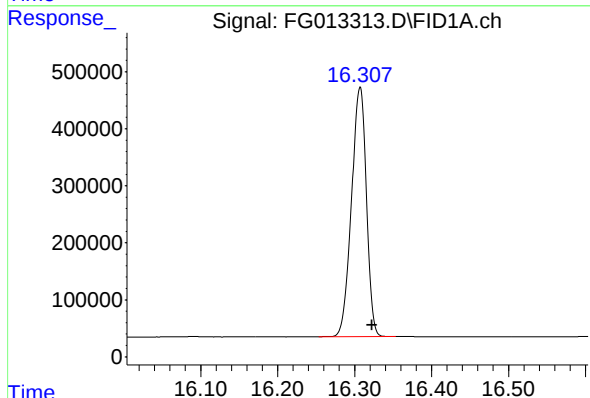
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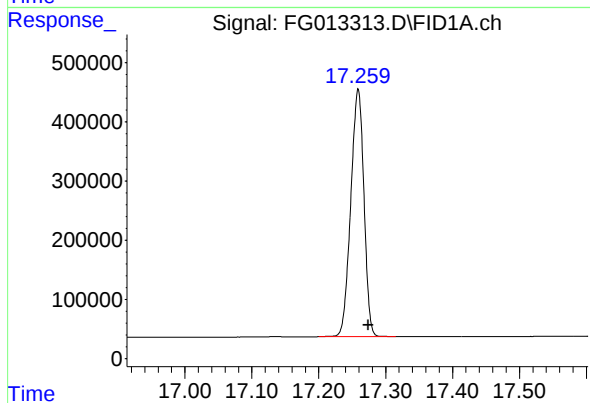
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: -0.013 min
Response: 6076347
Conc: 52.17 ug/ml



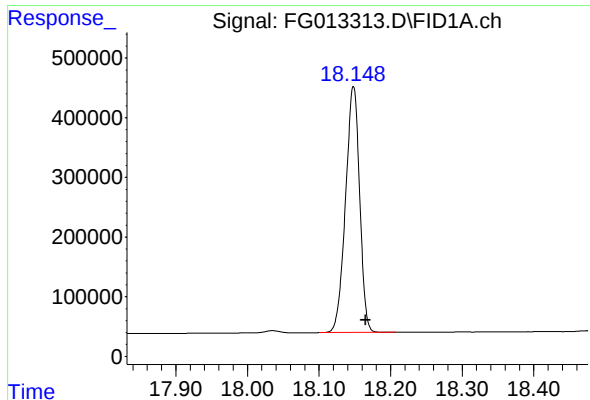
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: -0.016 min
Response: 5830904
Conc: 52.36 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: -0.015 min
Response: 5710983
Conc: 51.75 ug/ml



#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: -0.017 min
Response: 5649411
Conc: 51.44 ug/ml

Instrument :

FID_G

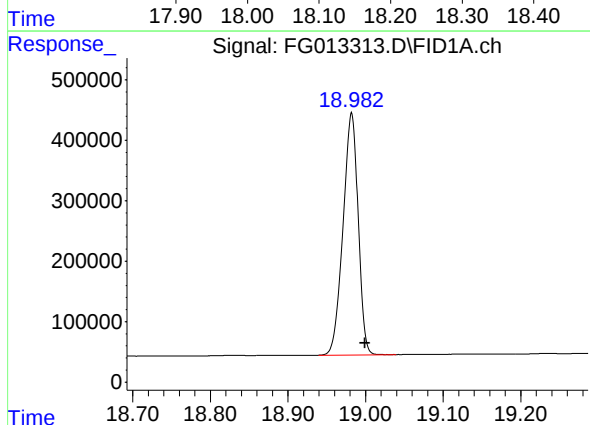
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

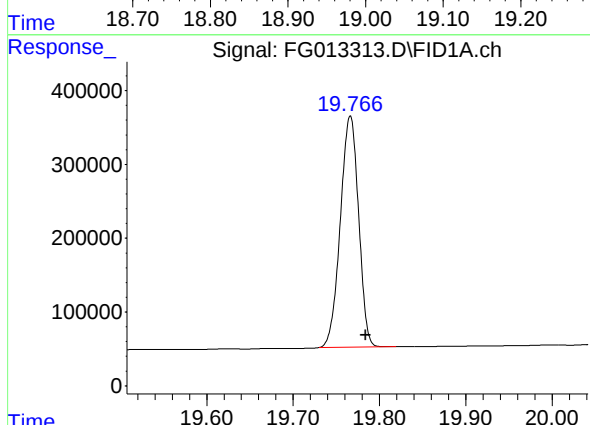
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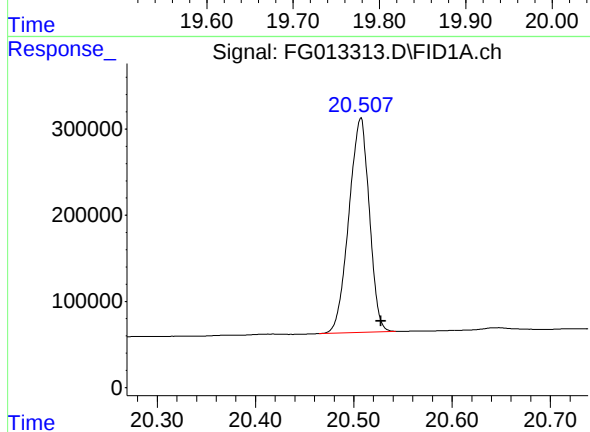
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: -0.017 min
Response: 5410027
Conc: 50.58 ug/ml



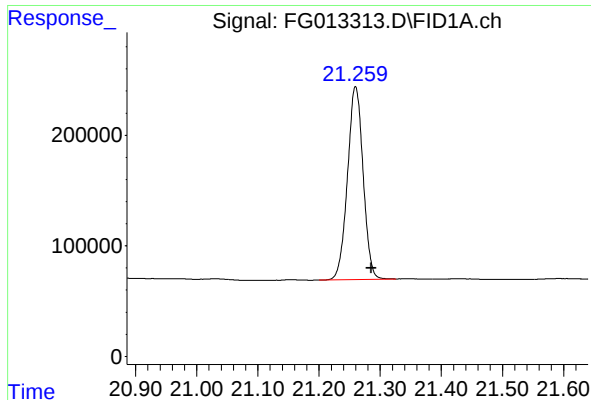
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: -0.018 min
Response: 4603179
Conc: 49.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.507 min
Delta R.T.: -0.020 min
Response: 3591723
Conc: 46.32 ug/ml m



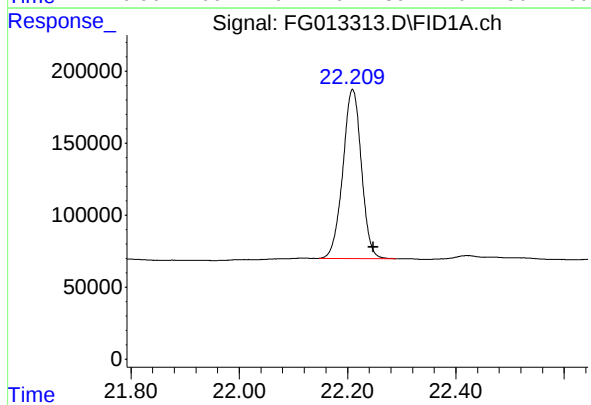
#17 N-OCTATRIACONTANE

R.T.: 21.260 min
Delta R.T.: -0.026 min
Response: 3097624
Conc: 44.82 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.209 min
Delta R.T.: -0.039 min
Response: 2795437
Conc: 38.57 ug/ml m