

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012231.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 05:26
 Operator : YP\AJ
 Sample : 03308-22MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TPH-16MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 06:03:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 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...	15.000	1481329	11.110 ug/ml
Target Compounds			
1) N-OCTANE	2.028	1707683	12.279 ug/ml
2) N-DECANE	4.535	2437920	16.546 ug/ml
3) N-DODECANE	6.704	2650343	17.657 ug/ml
4) N-TETRADECANE	8.533	2589451	17.283 ug/ml
5) N-HEXADECANE	10.142	2735986	17.487 ug/ml
6) N-OCTADECANE	11.587	2884392	18.137 ug/ml
7) N-EICOSANE	12.899	2778175	17.507 ug/ml
8) N-DOCOSANE	14.099	2751138	18.006 ug/ml
10) N-TETRACOSANE	15.204	3849894	25.773 ug/ml
11) N-HEXACOSANE	16.227	2642188	18.657 ug/mlm
12) N-OCTACOSANE	17.178	2780613	20.540 ug/mlm
13) N-TRIACONTANE	18.068	2698042	20.363 ug/ml
14) N-DOTRIACONTANE	18.902	3264215	25.572 ug/ml
15) N-TETRATRIACONTANE	19.689	3448027	28.328 ug/ml
16) N-HEXATRIACONTANE	20.429	3879371	31.654 ug/mlm
17) N-OCTATRIACONTANE	21.168	4016532	31.481 ug/ml
18) N-TETRACONTANE	22.086	4044150	30.541 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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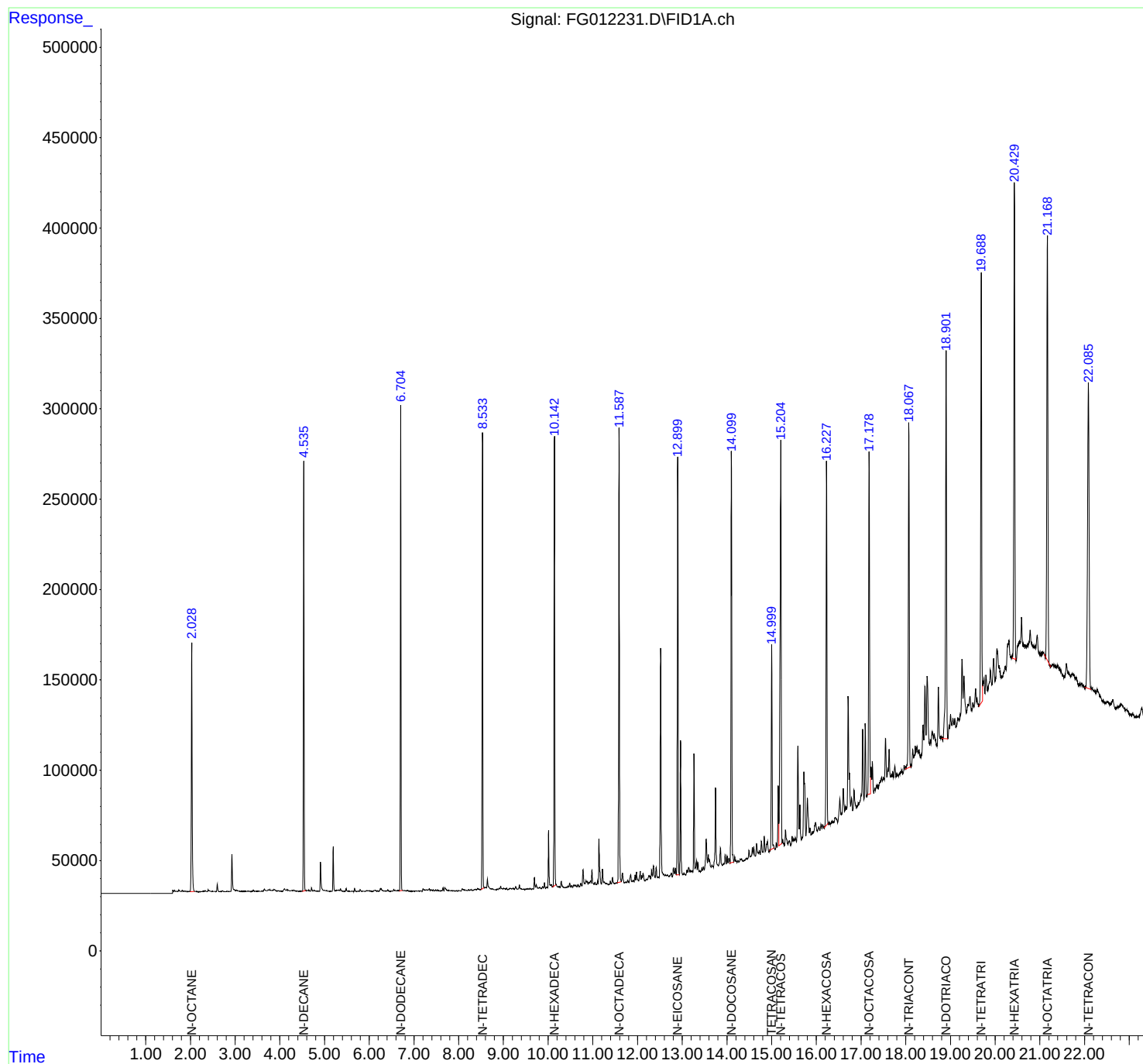
Instrument :
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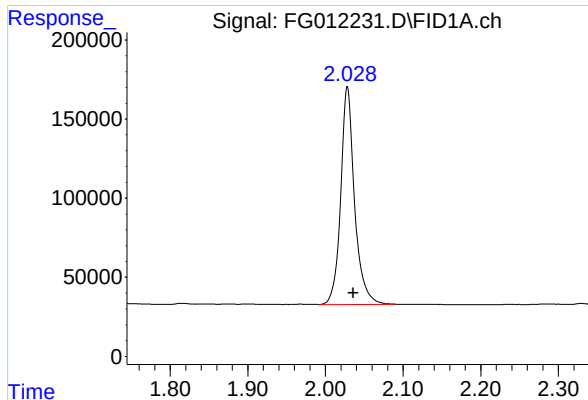
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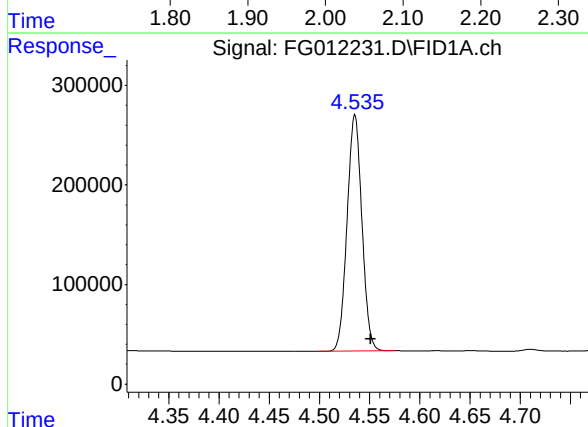
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.008 min
Response: 1707683
Conc: 12.28 ug/ml

Instrument :
FID_G
ClientSampleId :
TPH-16MSD

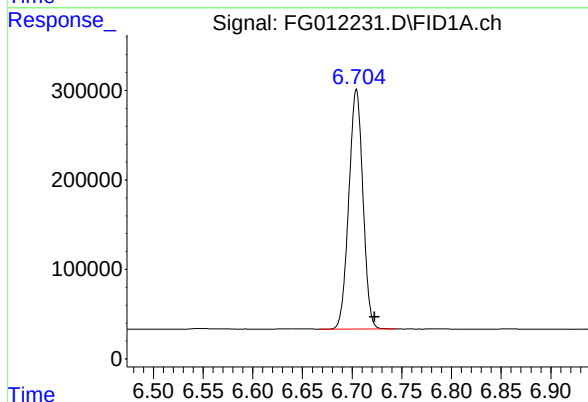
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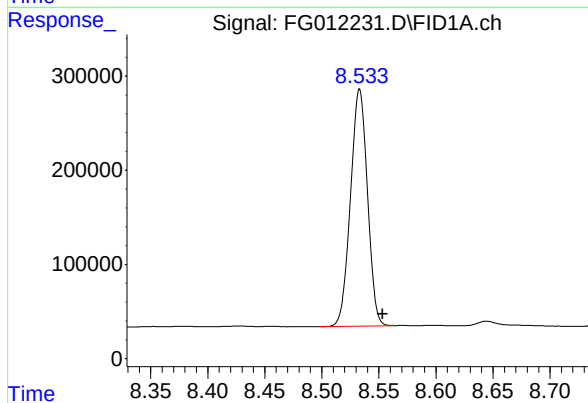
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.016 min
Response: 2437920
Conc: 16.55 ug/ml



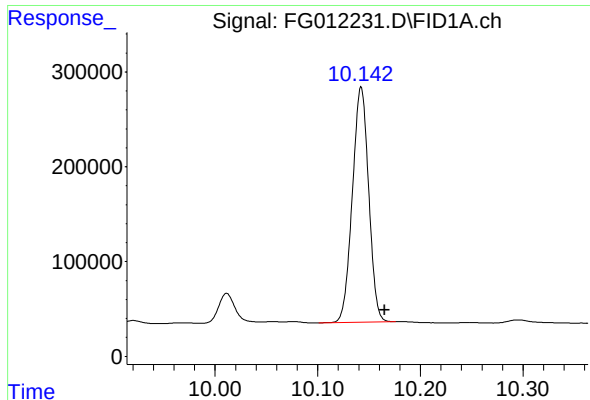
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.019 min
Response: 2650343
Conc: 17.66 ug/ml



#4 N-TETRADECANE

R.T.: 8.533 min
Delta R.T.: -0.020 min
Response: 2589451
Conc: 17.28 ug/ml



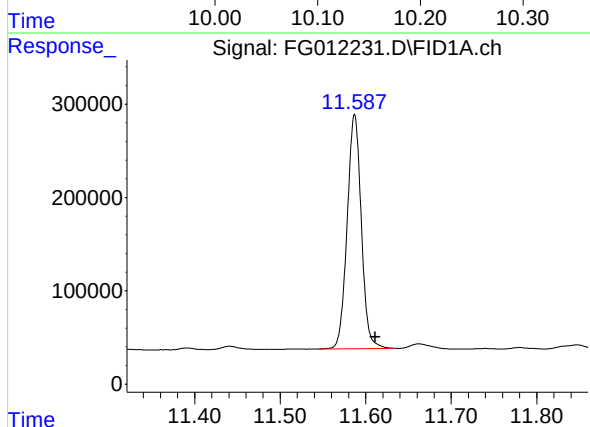
#5 N-HEXADECANE

R.T.: 10.142 min
Delta R.T.: -0.023 min
Response: 2735986
Conc: 17.49 ug/ml

Instrument :
FID_G
ClientSampleId :
TPH-16MSD

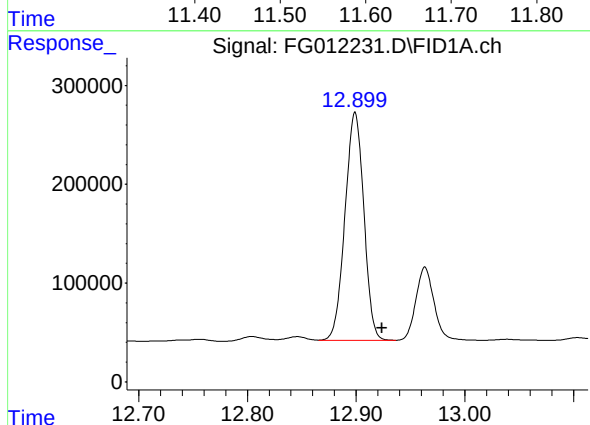
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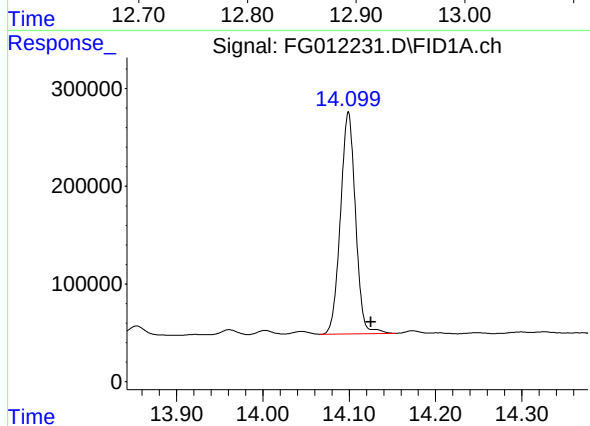
#6 N-OCTADECANE

R.T.: 11.587 min
Delta R.T.: -0.024 min
Response: 2884392
Conc: 18.14 ug/ml



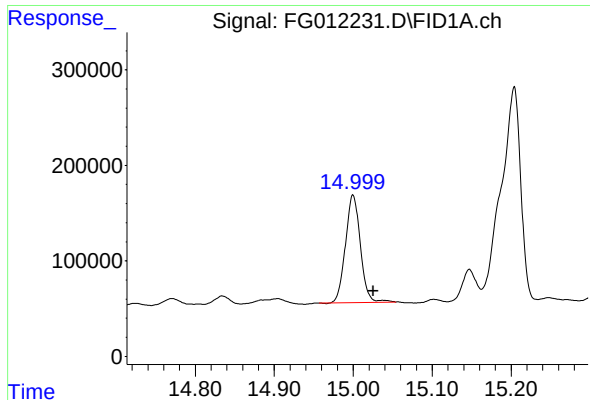
#7 N-EICOSANE

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 2778175
Conc: 17.51 ug/ml



#8 N-DOCOSANE

R.T.: 14.099 min
Delta R.T.: -0.026 min
Response: 2751138
Conc: 18.01 ug/ml



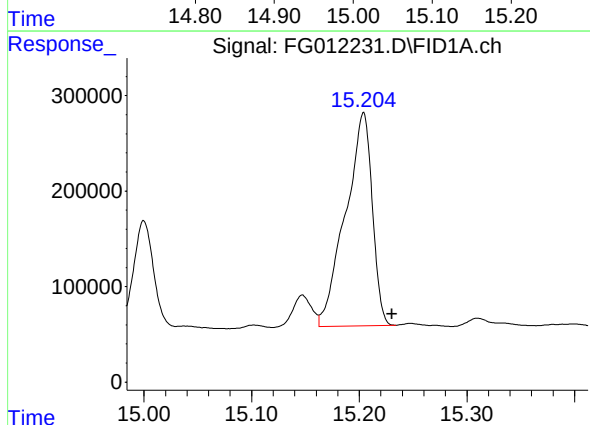
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.000 min
Delta R.T.: -0.025 min
Response: 1481329
Conc: 11.11 ug/ml

Instrument :
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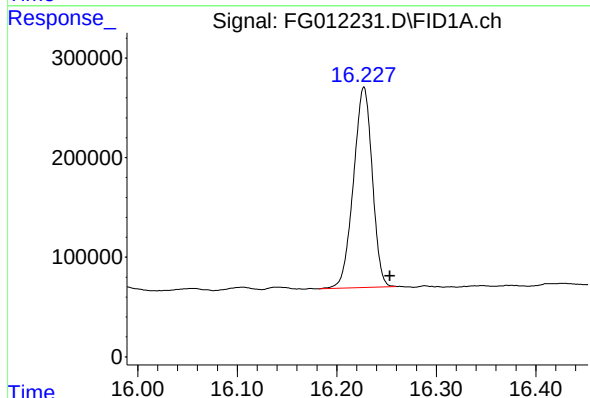
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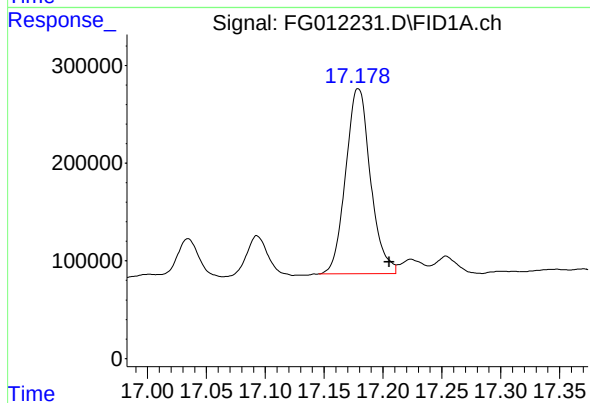
#10 N-TETRACOSANE

R.T.: 15.204 min
Delta R.T.: -0.027 min
Response: 3849894
Conc: 25.77 ug/ml



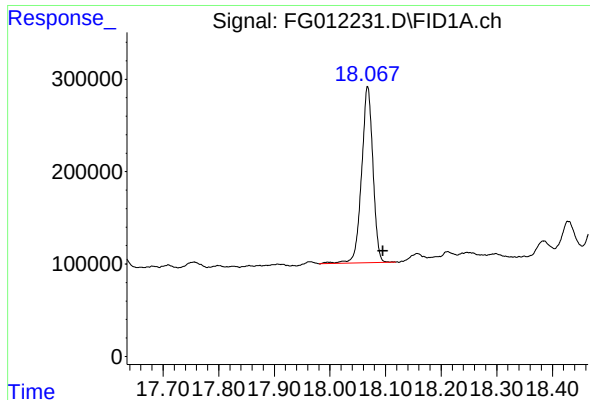
#11 N-HEXACOSANE

R.T.: 16.227 min
Delta R.T.: -0.027 min
Response: 2642188
Conc: 18.66 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.178 min
Delta R.T.: -0.027 min
Response: 2780613
Conc: 20.54 ug/ml m



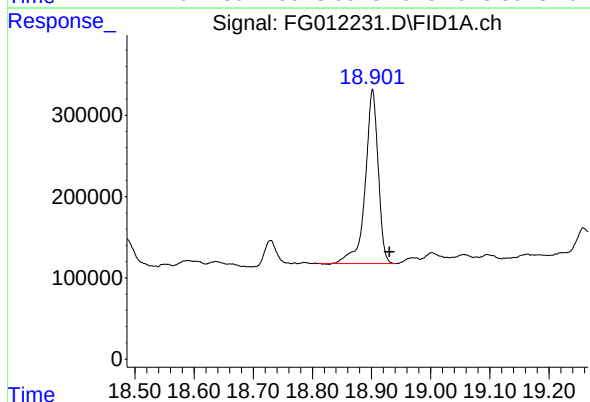
#13 N-TRIACONTANE

R.T.: 18.068 min
Delta R.T.: -0.027 min
Response: 2698042
Conc: 20.36 ug/ml

Instrument :
FID_G
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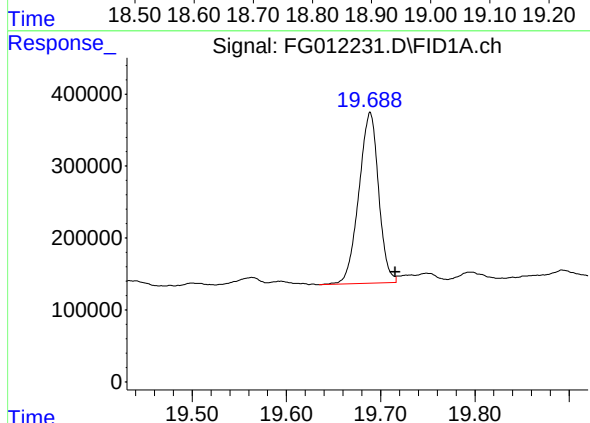
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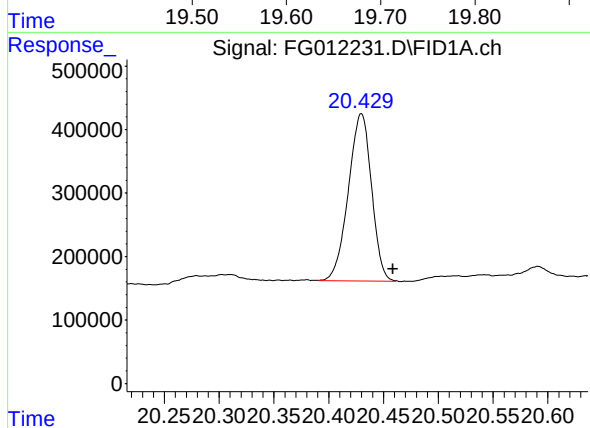
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: -0.029 min
Response: 3264215
Conc: 25.57 ug/ml



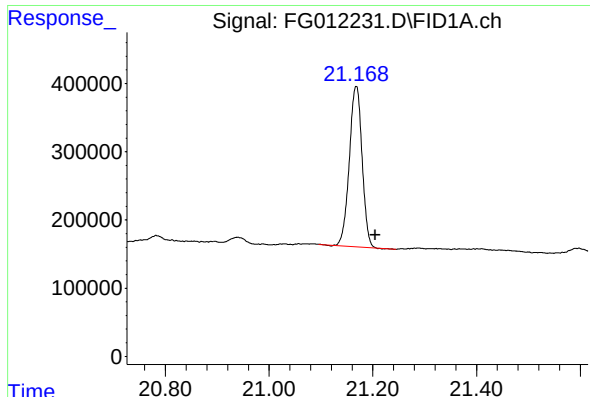
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: -0.027 min
Response: 3448027
Conc: 28.33 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.429 min
Delta R.T.: -0.029 min
Response: 3879371
Conc: 31.65 ug/ml m



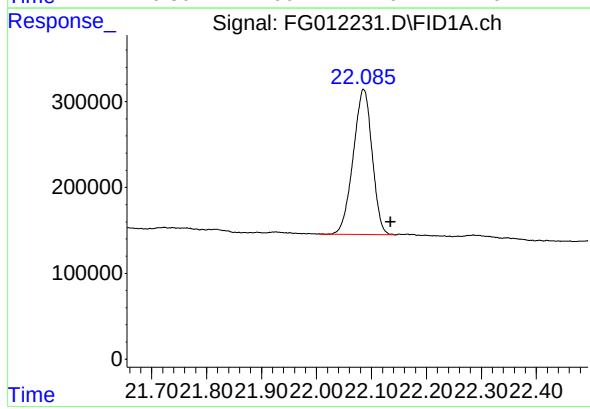
#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: -0.037 min
Response: 4016532
Conc: 31.48 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: -0.050 min
Response: 4044150
Conc: 30.54 ug/ml