

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071725\
 Data File : FG016323.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2025 14:51
 Operator : YP\AJ
 Sample : Q2592-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-SOIL-20250711MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 18 02:56:32 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...	15.211	1983360	19.836 ug/mlm
Target Compounds			
1) N-OCTANE	2.117	978215	8.663 ug/ml
2) N-DECANE	4.668	1548128	13.442 ug/ml
3) N-DODECANE	6.851	1823776	15.730 ug/ml
4) N-TETRADECANE	8.691	1960209	16.607 ug/ml
5) N-HEXADECANE	10.311	1985658	17.167 ug/ml
6) N-OCTADECANE	11.768	2186084	18.624 ug/ml
7) N-EICOSANE	13.091	2514510	21.019 ug/mlm
8) N-DOCOSANE	14.302	2142765	18.594 ug/mlm
10) N-TETRACOSANE	15.408	4710392	41.228 ug/mlm
11) N-HEXACOSANE	16.450	2682131	24.374 ug/ml
12) N-OCTACOSANE	17.409	4222499	38.828 ug/mlm
13) N-TRIACONTANE	18.305	4222802	39.517 ug/ml
14) N-DOTRIACONTANE	19.144	3104812	30.704 ug/ml
15) N-TETRATRIACONTANE	19.934	2247899	24.706 ug/ml
16) N-HEXATRIACONTANE	20.680	1641289	21.794 ug/mlm
17) N-OCTATRIACONTANE	21.480	1448536	22.257 ug/mlm
18) N-TETRACONTANE	22.499	1872689	32.492 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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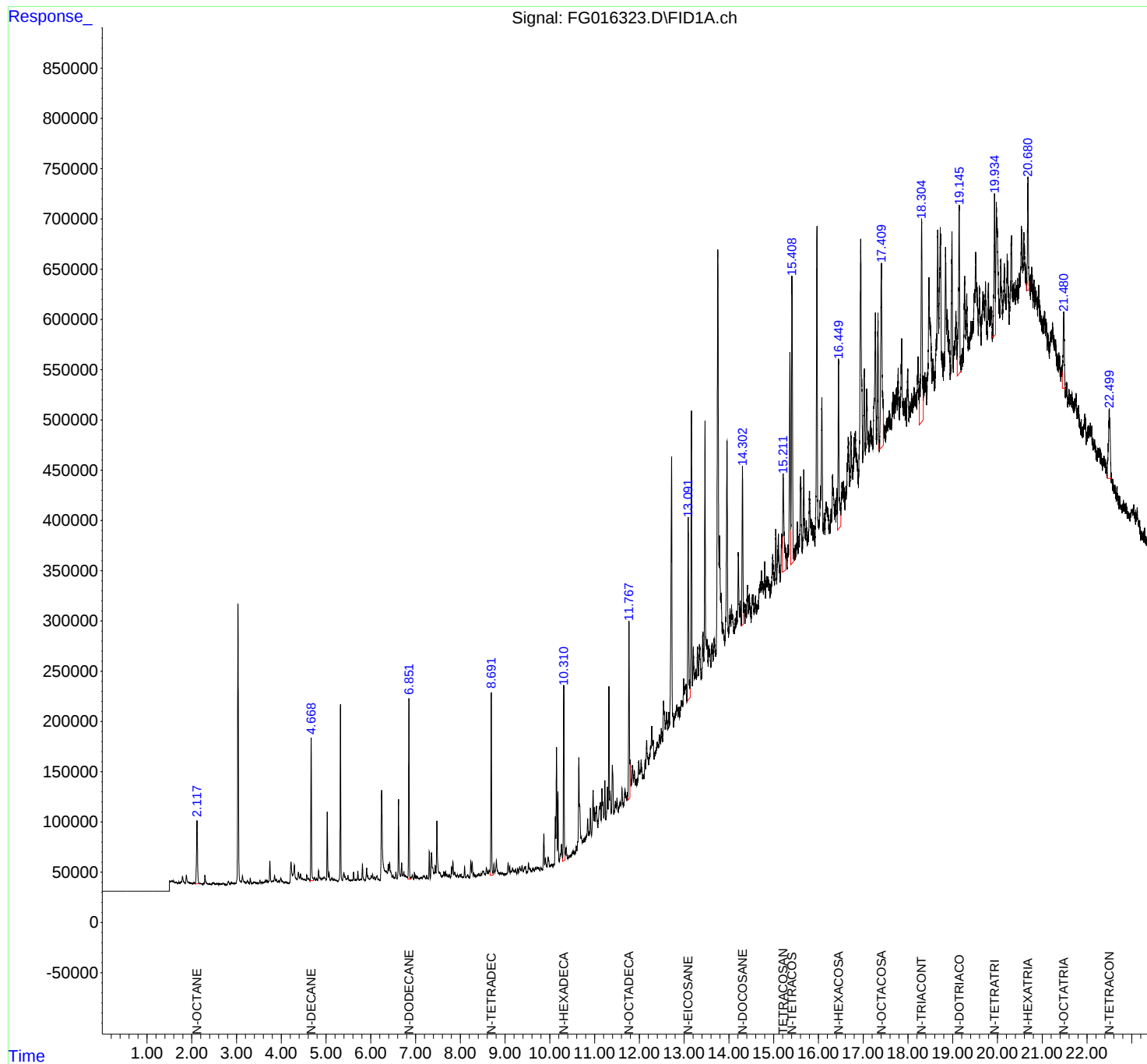
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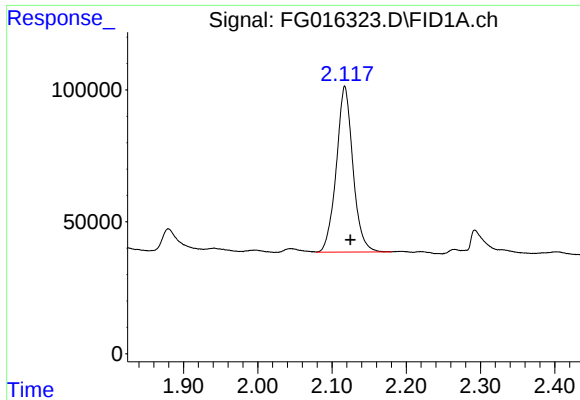
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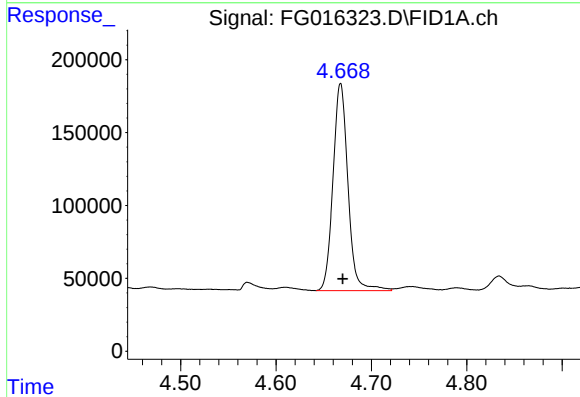
#1 N-OCTANE

R.T.: 2.117 min
Delta R.T.: -0.008 min
Response: 978215
Conc: 8.66 ug/ml

Instrument :
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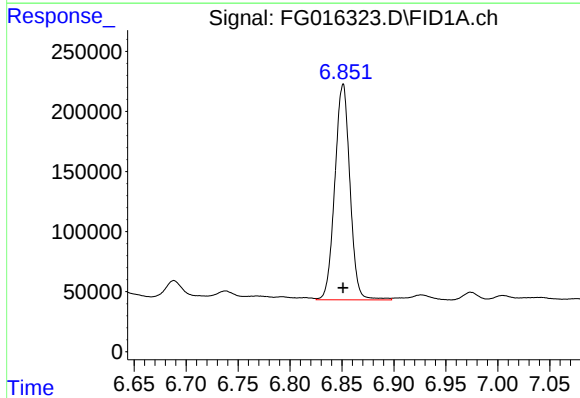
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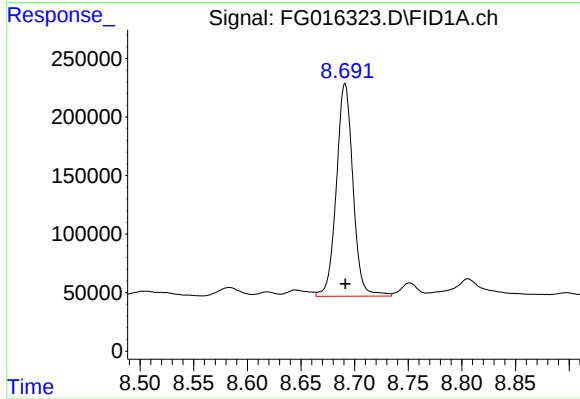
#2 N-DECANE

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 1548128
Conc: 13.44 ug/ml



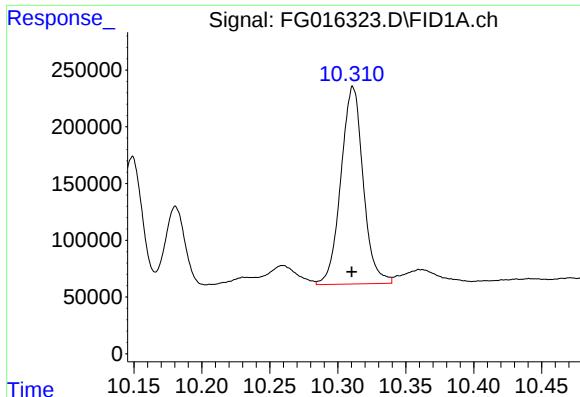
#3 N-DODECANE

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 1823776
Conc: 15.73 ug/ml



#4 N-TETRADECANE

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 1960209
Conc: 16.61 ug/ml



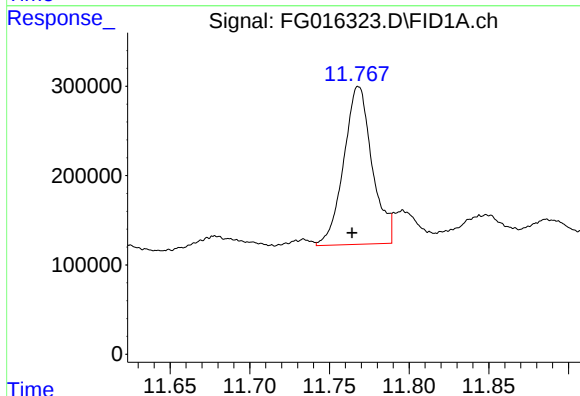
#5 N-HEXADECANE

R.T.: 10.311 min
Delta R.T.: 0.000 min
Response: 1985658
Conc: 17.17 ug/ml

Instrument :
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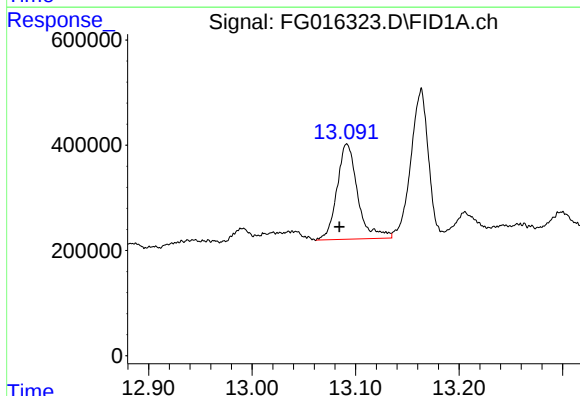
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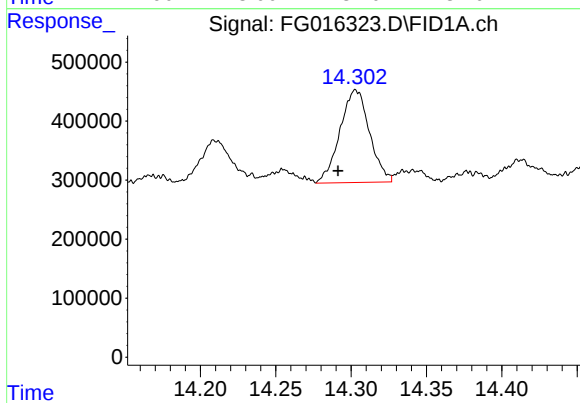
#6 N-OCTADECANE

R.T.: 11.768 min
Delta R.T.: 0.004 min
Response: 2186084
Conc: 18.62 ug/ml



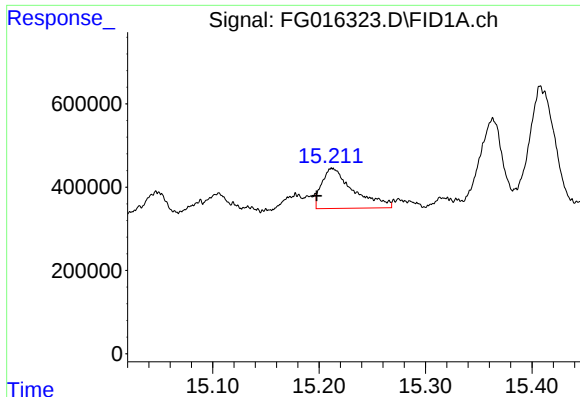
#7 N-EICOSANE

R.T.: 13.091 min
Delta R.T.: 0.007 min
Response: 2514510
Conc: 21.02 ug/ml m



#8 N-DOCOSANE

R.T.: 14.302 min
Delta R.T.: 0.011 min
Response: 2142765
Conc: 18.59 ug/ml m



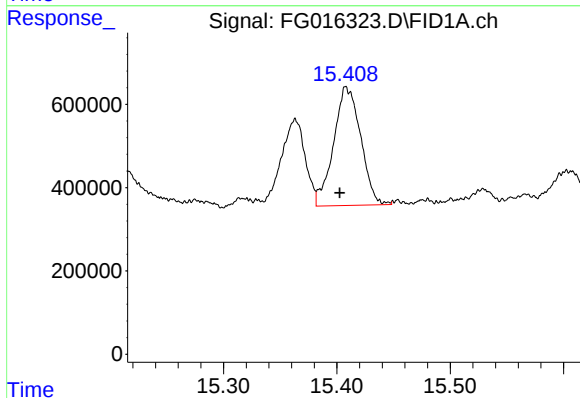
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.211 min
Delta R.T.: 0.014 min
Response: 1983360
Conc: 19.84 ug/ml

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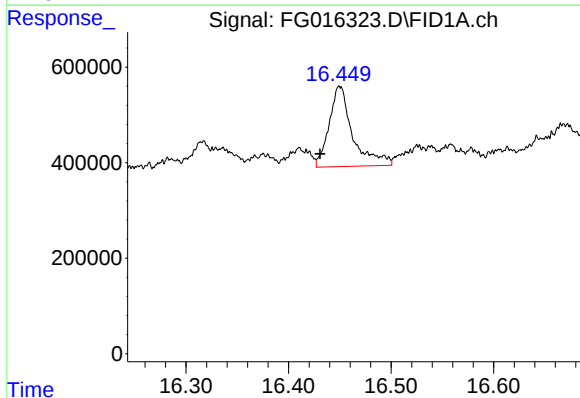
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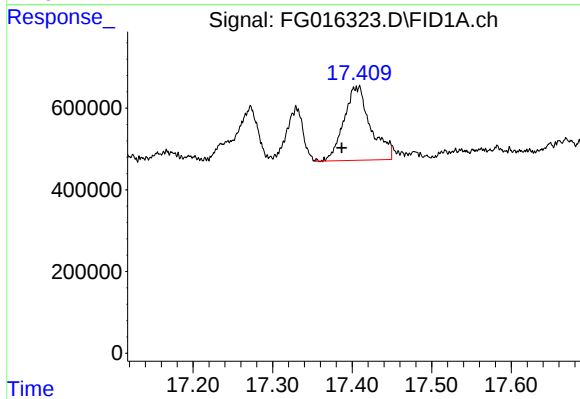
#10 N-TETRACOSANE

R.T.: 15.408 min
Delta R.T.: 0.005 min
Response: 4710392
Conc: 41.23 ug/ml m



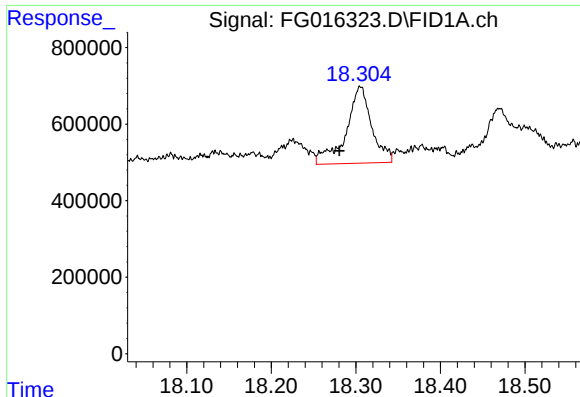
#11 N-HEXACOSANE

R.T.: 16.450 min
Delta R.T.: 0.019 min
Response: 2682131
Conc: 24.37 ug/ml



#12 N-OCTACOSANE

R.T.: 17.409 min
Delta R.T.: 0.022 min
Response: 4222499
Conc: 38.83 ug/ml m



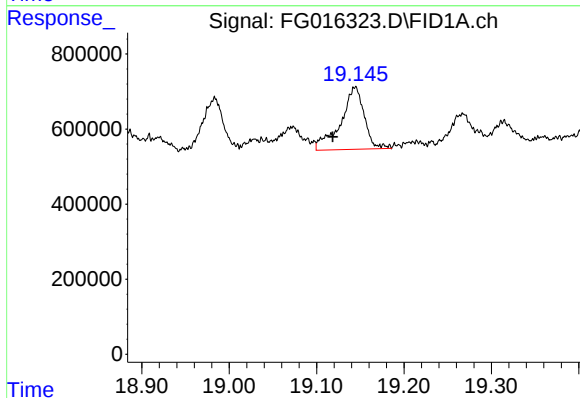
#13 N-TRIACONTANE

R.T.: 18.305 min
Delta R.T.: 0.025 min
Response: 4222802
Conc: 39.52 ug/ml

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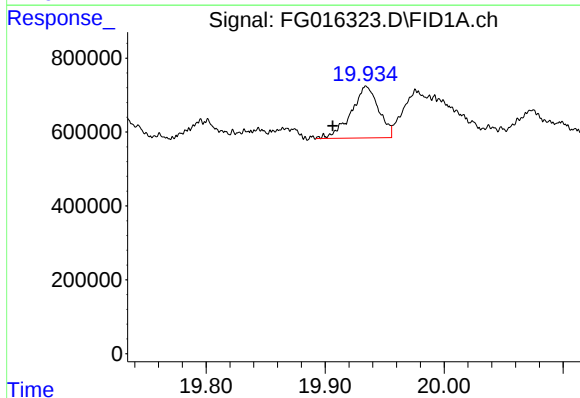
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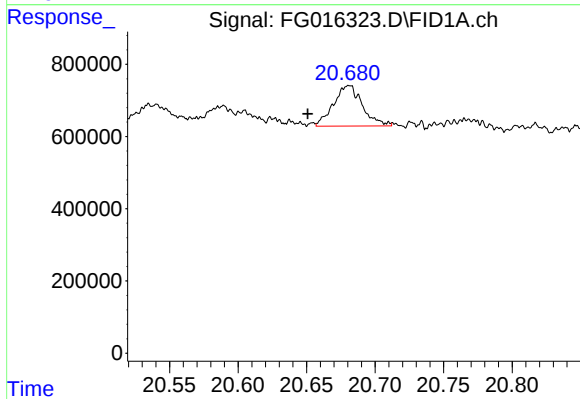
#14 N-DOTRIACONTANE

R.T.: 19.144 min
Delta R.T.: 0.026 min
Response: 3104812
Conc: 30.70 ug/ml



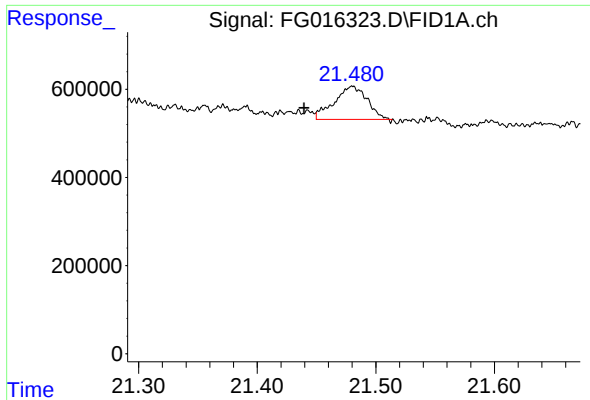
#15 N-TETRATRIACONTANE

R.T.: 19.934 min
Delta R.T.: 0.028 min
Response: 2247899
Conc: 24.71 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.680 min
Delta R.T.: 0.029 min
Response: 1641289
Conc: 21.79 ug/ml m



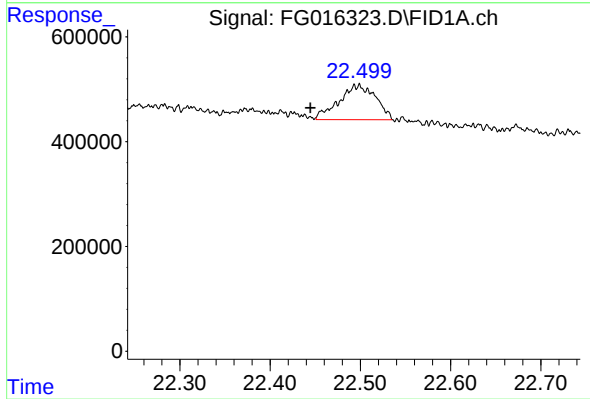
#17 N-OCTATRIACONTANE

R.T.: 21.480 min
Delta R.T.: 0.040 min
Response: 1448536
Conc: 22.26 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.499 min
Delta R.T.: 0.054 min
Response: 1872689
Conc: 32.49 ug/ml m