

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

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...	15.212	3248465	32.489 ug/ml
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	13.092	3482425	29.109 ug/ml
8) N-DOCOSANE	14.303	2975187	25.817 ug/ml
10) N-TETRACOSANE	15.408	5699812	49.887 ug/ml
11) N-HEXACOSANE	16.450	2682131	24.374 ug/ml
12) N-OCTACOSANE	17.409	6156284	56.610 ug/ml
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	20.681	1561220	20.731 ug/ml
17) N-OCTATRIACONTANE	21.435	315332	4.845 ug/ml
18) N-TETRACONTANE	22.412	213424	3.703 ug/ml

(f)=RT Delta > 1/2 Window

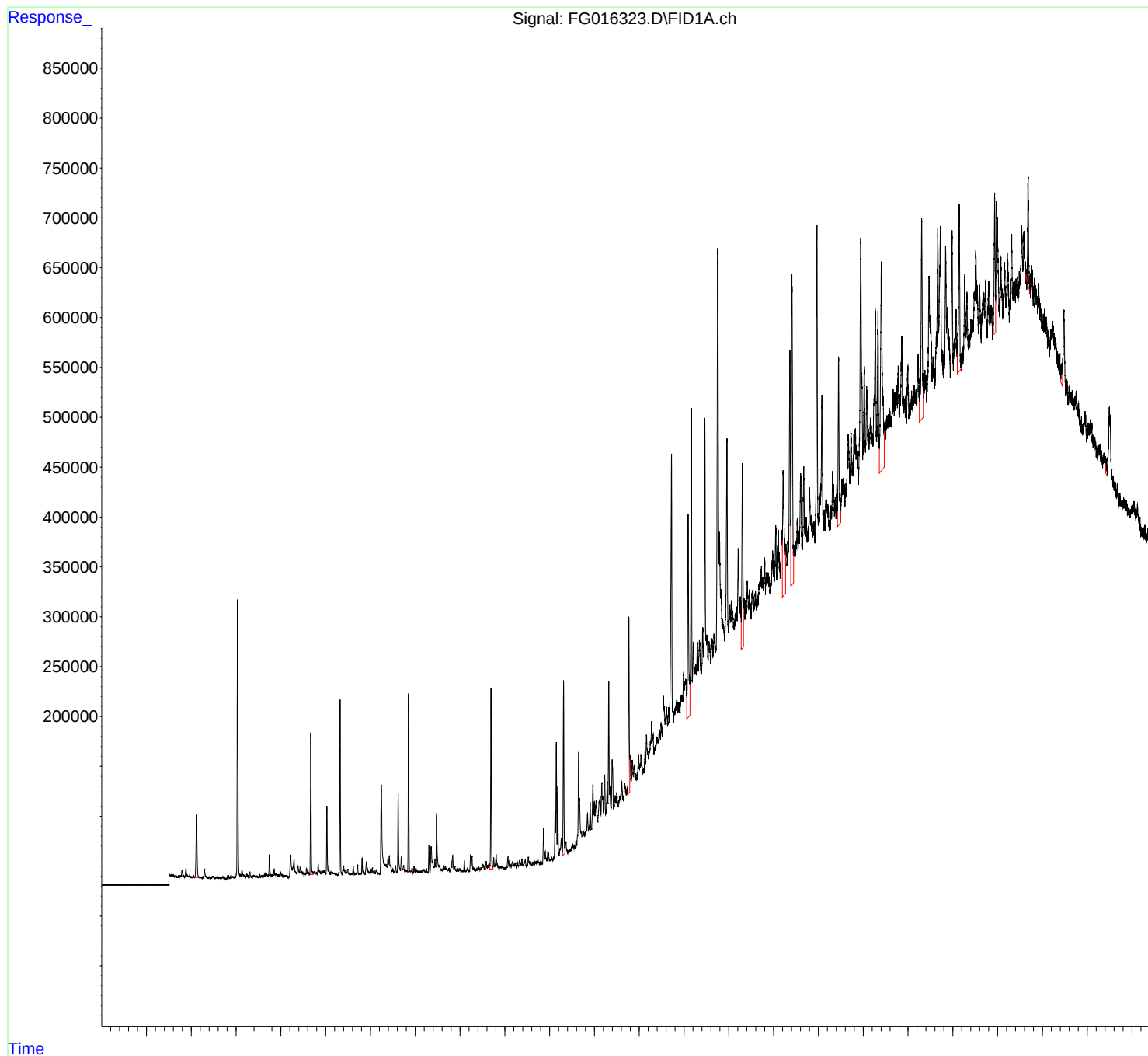
(m)=manual int.

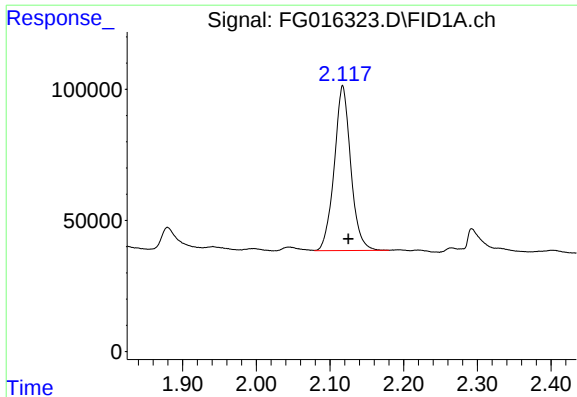
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

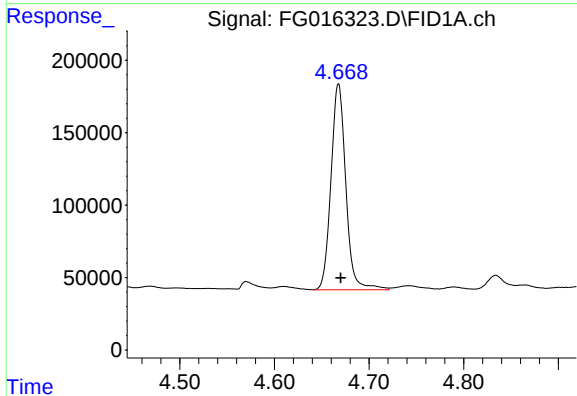




#1 N-OCTANE

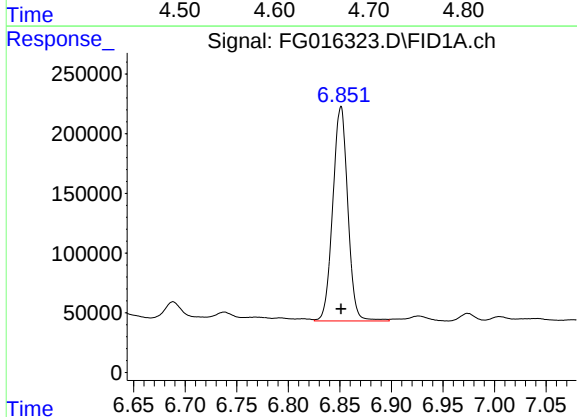
R.T.: 2.117 min
Delta R.T.: -0.008 min
Response: 978215
Conc: 8.66 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711MS



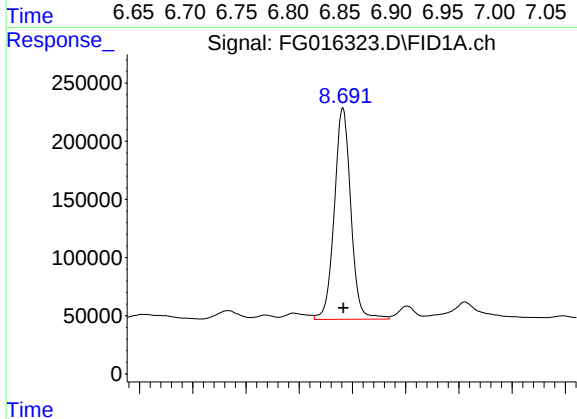
#2 N-DECANE

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



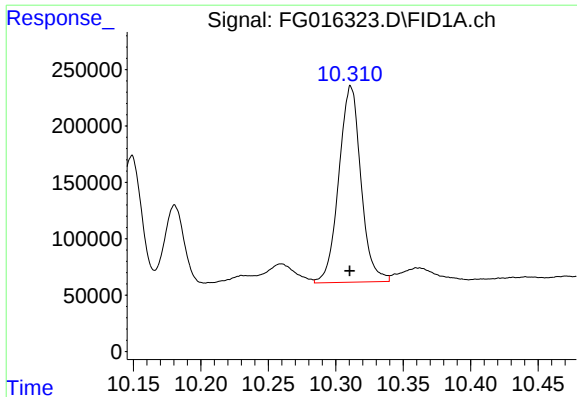
#3 N-DODECANE

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



#4 N-TETRADECANE

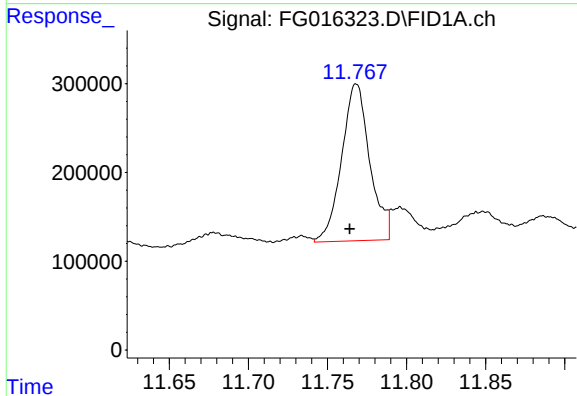
R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 1960209
Conc: 16.61 ug/ml



#5 N-HEXADECANE

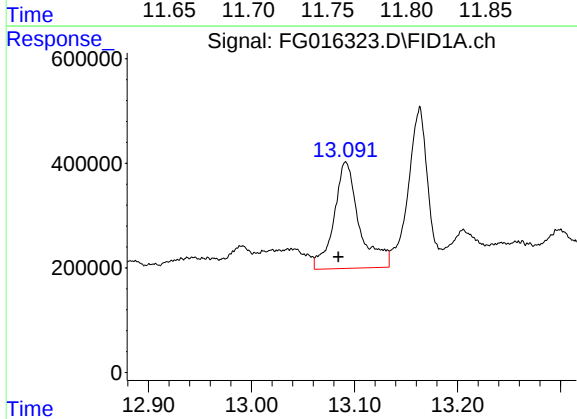
R.T.: 10.311 min
Delta R.T.: 0.000 min
Response: 1985658
Conc: 17.17 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711MS



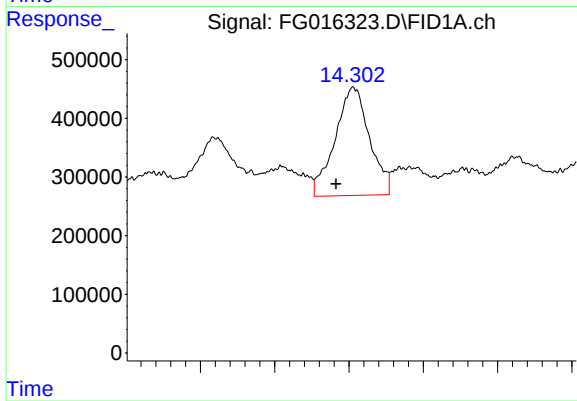
#6 N-OCTADECANE

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



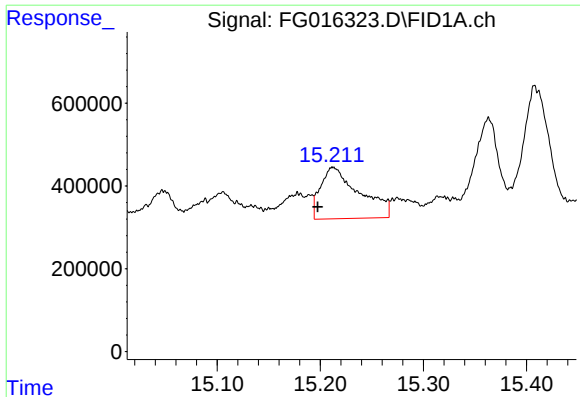
#7 N-EICOSANE

R.T.: 13.092 min
Delta R.T.: 0.007 min
Response: 3482425
Conc: 29.11 ug/ml



#8 N-DOCOSANE

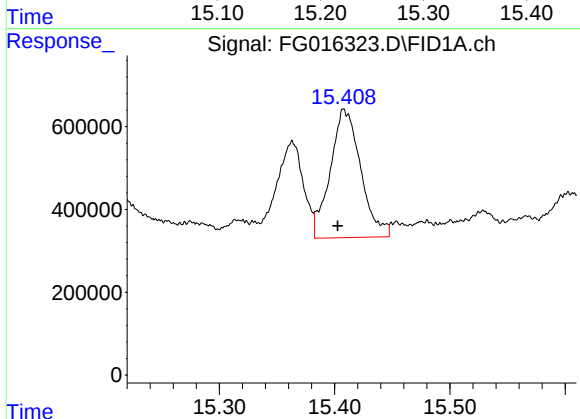
R.T.: 14.303 min
Delta R.T.: 0.012 min
Response: 2975187
Conc: 25.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

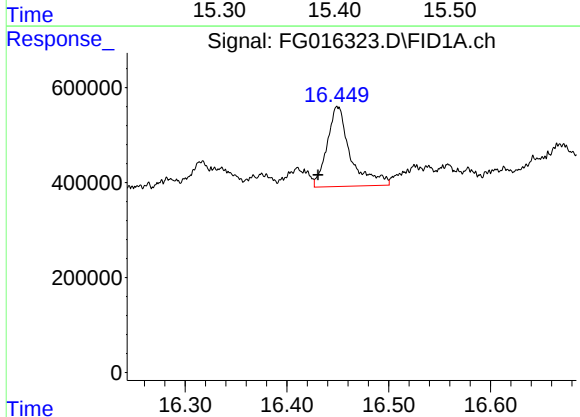
R.T.: 15.212 min
Delta R.T.: 0.015 min
Response: 3248465
Conc: 32.49 ug/ml

Instrument :
FID_G
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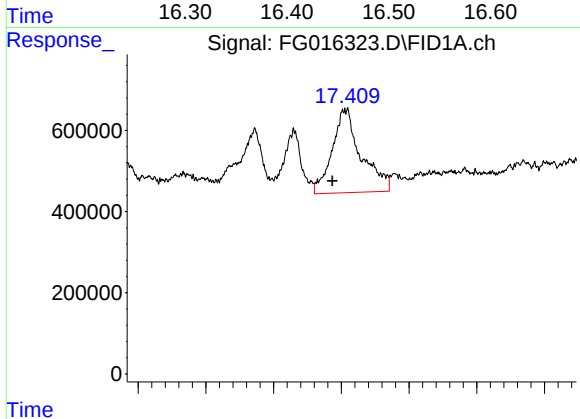
#10 N-TETRACOSANE

R.T.: 15.408 min
Delta R.T.: 0.005 min
Response: 5699812
Conc: 49.89 ug/ml



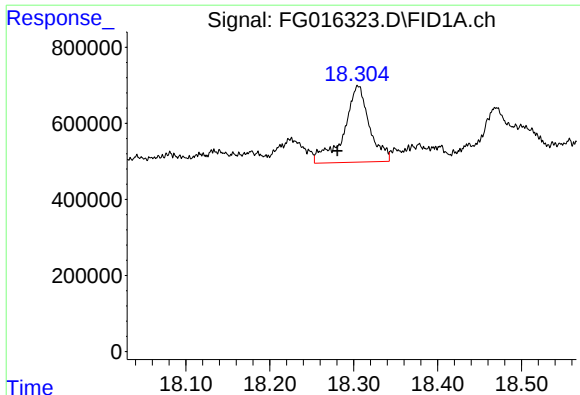
#11 N-HEXACOSANE

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



#12 N-OCTACOSANE

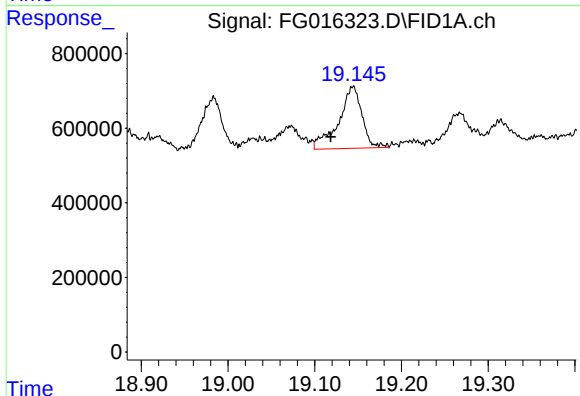
R.T.: 17.409 min
Delta R.T.: 0.022 min
Response: 6156284
Conc: 56.61 ug/ml



#13 N-TRIACONTANE

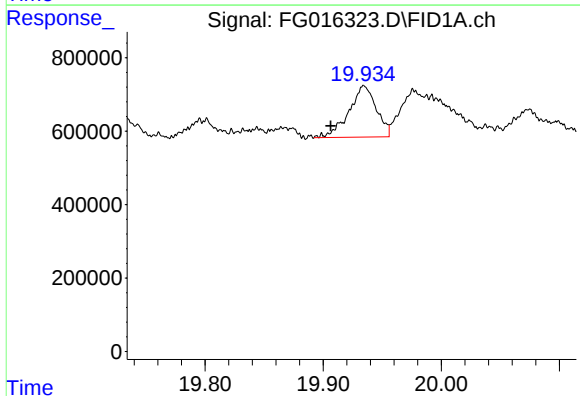
R.T.: 18.305 min
Delta R.T.: 0.025 min
Response: 4222802
Conc: 39.52 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711MS



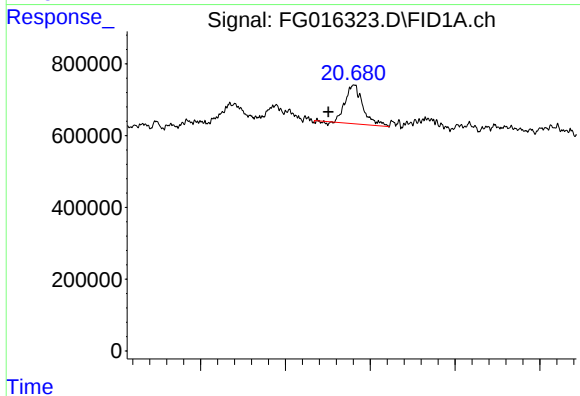
#14 N-DOTRIACONTANE

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



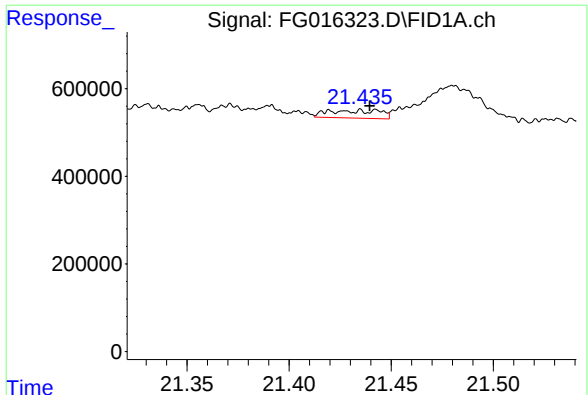
#15 N-TETRATRIACONTANE

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



#16 N-HEXATRIACONTANE

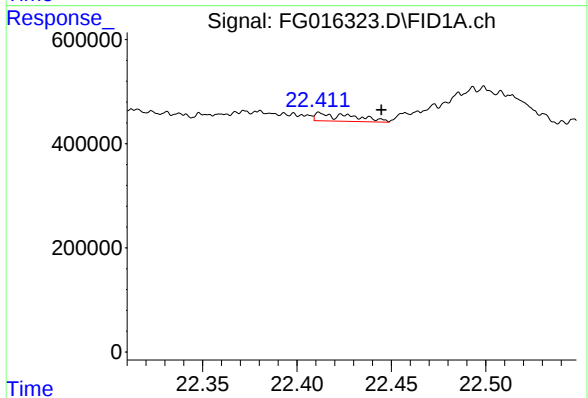
R.T.: 20.681 min
Delta R.T.: 0.030 min
Response: 1561220
Conc: 20.73 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.435 min
Delta R.T.: -0.004 min
Response: 315332
Conc: 4.85 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-SOIL-20250711MS



#18 N-TETRACONTANE

R.T.: 22.412 min
Delta R.T.: -0.033 min
Response: 213424
Conc: 3.70 ug/ml