

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016212.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 23:02
 Operator : YP\AJ
 Sample : Q2893-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-05-QT3-2025

Integration File: autoint1.e
 Quant Time: Aug 26 04:27:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.079	2361123	21.153 ug/ml
Target Compounds			
1) N-OCTANE	2.061	583121	5.126 ug/ml
2) N-DECANE	4.598	636330	5.466 ug/ml
3) N-DODECANE	6.776	647874	5.484 ug/ml
4) N-TETRADECANE	8.609	671628	5.555 ug/ml
5) N-HEXADECANE	10.217	674810	5.552 ug/ml
6) N-OCTADECANE	11.663	696521	5.565 ug/ml
7) N-EICOSANE	12.976	716365	5.536 ug/ml
8) N-DOCOSANE	14.176	697627	5.518 ug/ml
10) N-TETRACOSANE	15.281	697838	5.506 ug/ml
11) N-HEXACOSANE	16.305	671733	5.426 ug/ml
12) N-OCTACOSANE	17.257	677144	5.410 ug/ml
13) N-TRIACONTANE	18.148	686671	5.376 ug/ml
14) N-DOTRIACONTANE	18.984	654271	5.257 ug/ml
15) N-TETRATRIACONTANE	19.768	564146	5.041 ug/ml
16) N-HEXATRIACONTANE	20.511	456985	4.966 ug/ml
17) N-OCTATRIACONTANE	21.271	403654	5.284 ug/ml
18) N-TETRACONTANE	22.226	368560	5.610 ug/ml

(f)=RT Delta > 1/2 Window

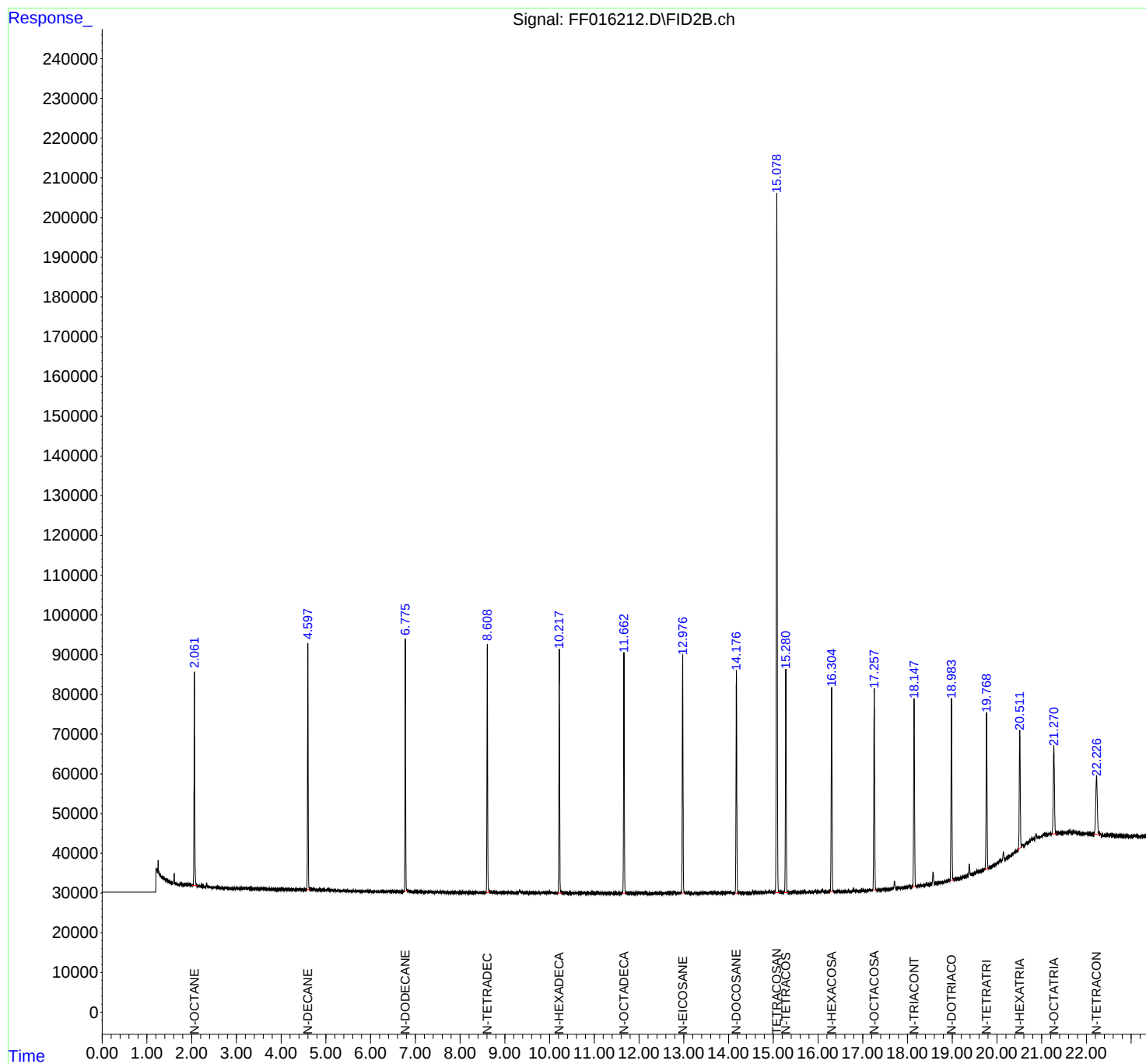
(m)=manual int.

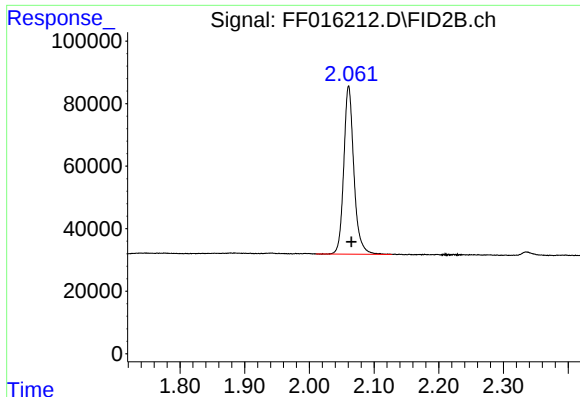
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

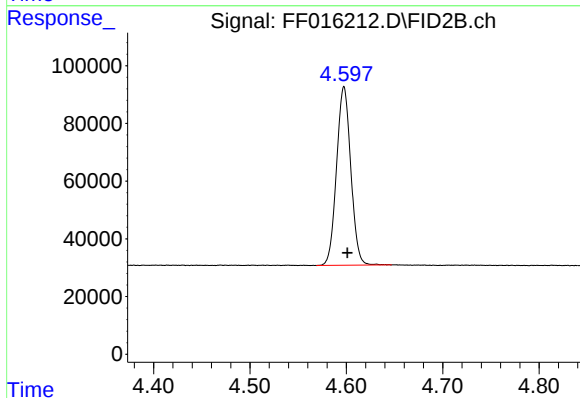




#1 N-OCTANE

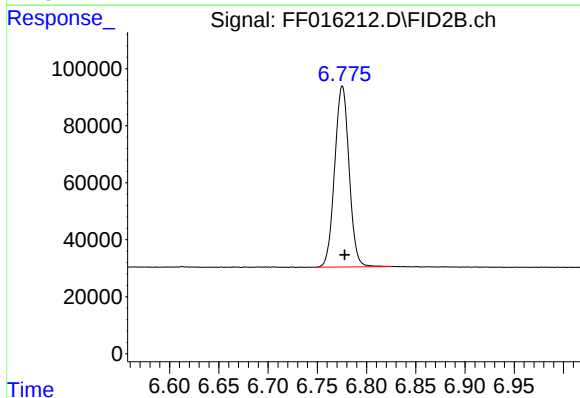
R.T.: 2.061 min
Delta R.T.: -0.004 min
Response: 583121
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-05-QT3-2025



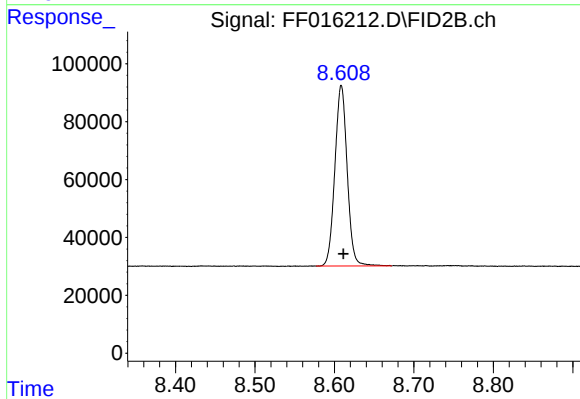
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 636330
Conc: 5.47 ug/ml



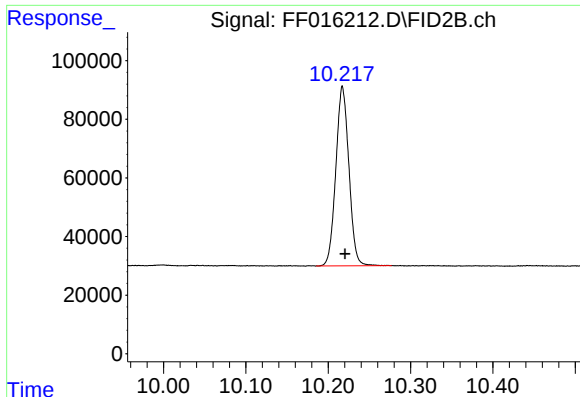
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 647874
Conc: 5.48 ug/ml



#4 N-TETRADECANE

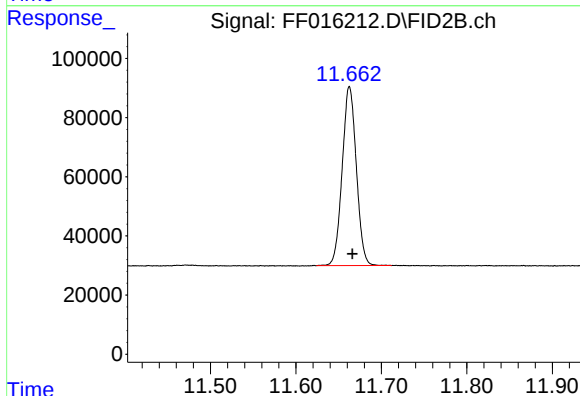
R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 671628
Conc: 5.56 ug/ml



#5 N-HEXADECANE

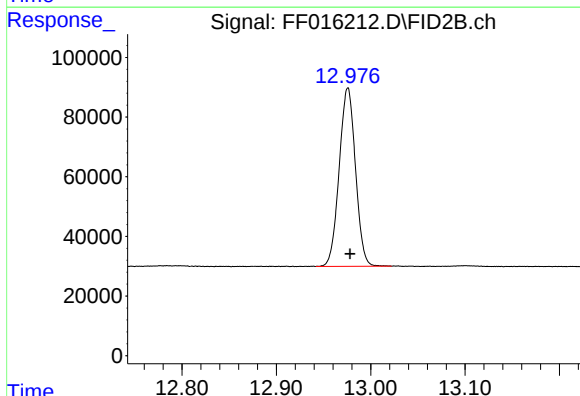
R.T.: 10.217 min
Delta R.T.: -0.003 min
Response: 674810
Conc: 5.55 ug/ml

Instrument :
FID_F
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LOQ-SOIL-05-QT3-2025



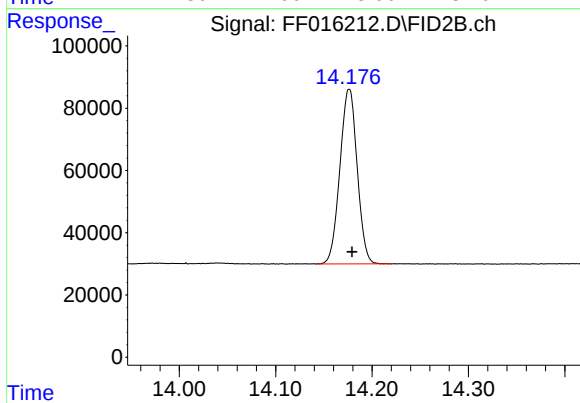
#6 N-OCTADECANE

R.T.: 11.663 min
Delta R.T.: -0.003 min
Response: 696521
Conc: 5.57 ug/ml



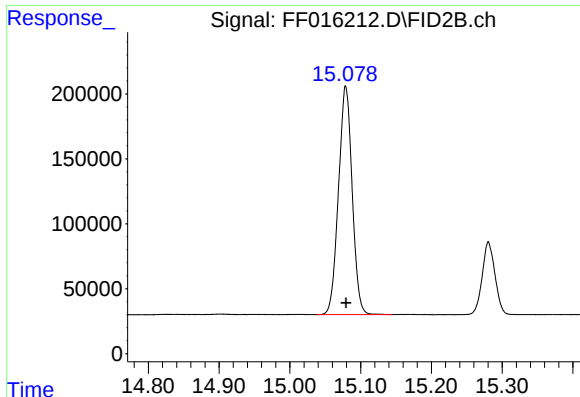
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.002 min
Response: 716365
Conc: 5.54 ug/ml



#8 N-DOCOSANE

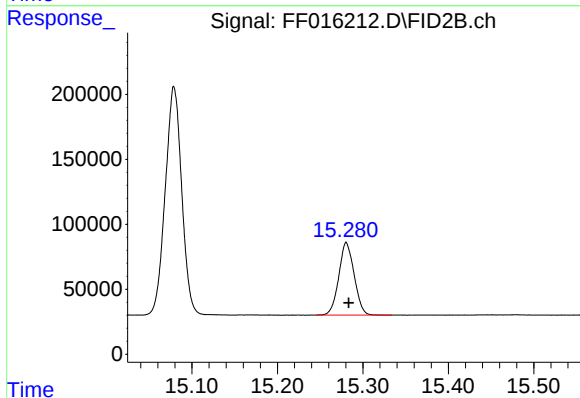
R.T.: 14.176 min
Delta R.T.: -0.003 min
Response: 697627
Conc: 5.52 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

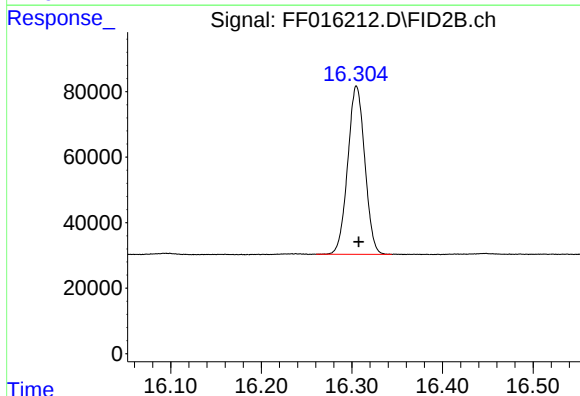
R.T.: 15.079 min
Delta R.T.: 0.000 min
Response: 2361123
Conc: 21.15 ug/ml

Instrument :
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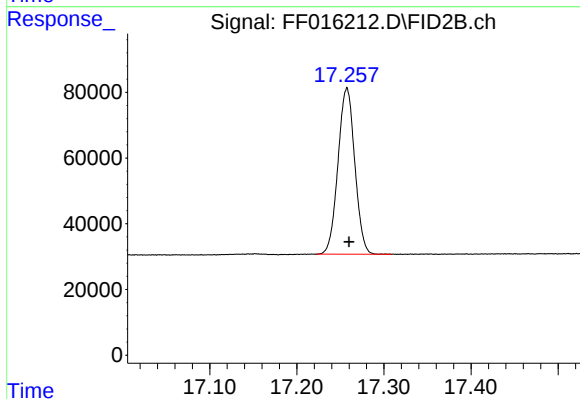
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.003 min
Response: 697838
Conc: 5.51 ug/ml



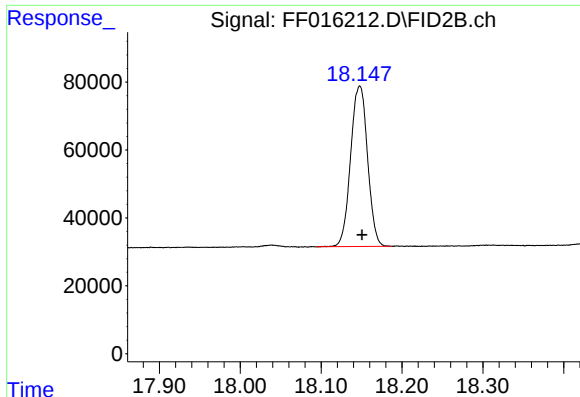
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.002 min
Response: 671733
Conc: 5.43 ug/ml



#12 N-OCTACOSANE

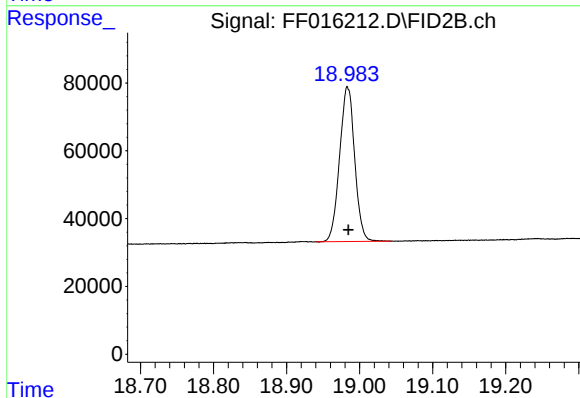
R.T.: 17.257 min
Delta R.T.: -0.002 min
Response: 677144
Conc: 5.41 ug/ml



#13 N-TRIACONTANE

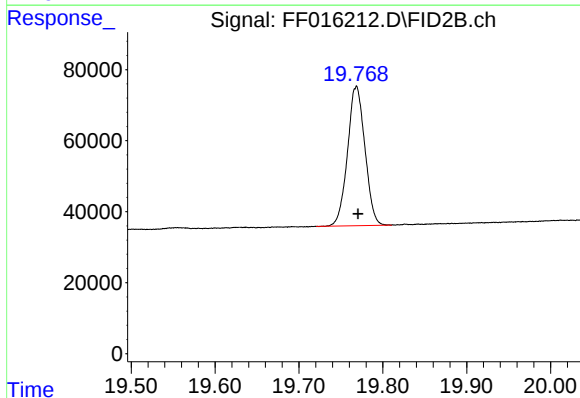
R.T.: 18.148 min
Delta R.T.: -0.003 min
Response: 686671
Conc: 5.38 ug/ml

Instrument :
FID_F
ClientSampleId :
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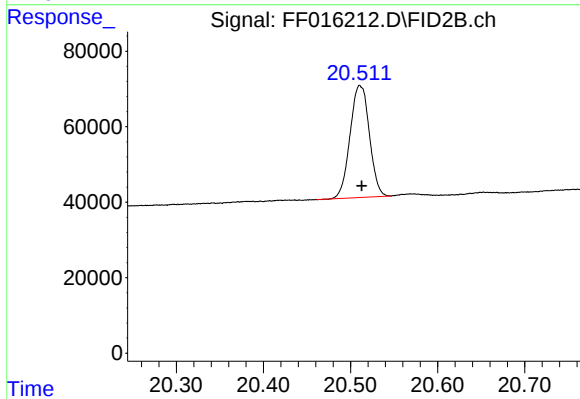
#14 N-DOTRIACONTANE

R.T.: 18.984 min
Delta R.T.: 0.000 min
Response: 654271
Conc: 5.26 ug/ml



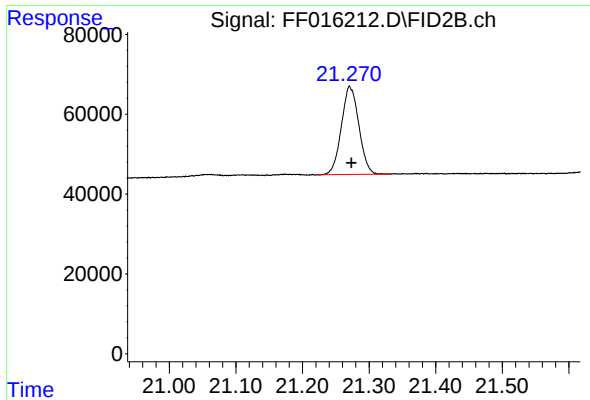
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: -0.002 min
Response: 564146
Conc: 5.04 ug/ml



#16 N-HEXATRIACONTANE

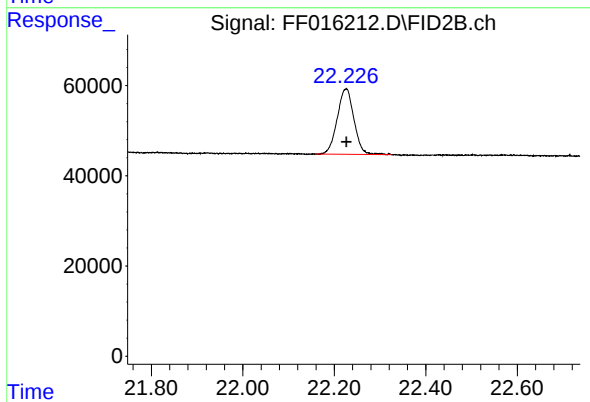
R.T.: 20.511 min
Delta R.T.: -0.002 min
Response: 456985
Conc: 4.97 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.271 min
Delta R.T.: -0.003 min
Response: 403654
Conc: 5.28 ug/ml

Instrument :
FID_F
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.226 min
Delta R.T.: 0.000 min
Response: 368560
Conc: 5.61 ug/ml