

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224\
 Data File : FE049415.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 01:58
 Operator : YP\AJ
 Sample : P3390-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 03 03:23:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:50:04 2024
 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...	14.986	2516473	19.679 ug/ml
Target Compounds			
1) N-OCTANE	2.020	179290	1.276 ug/ml
2) N-DECANE	4.535	201647	1.439 ug/ml
3) N-DODECANE	6.704	185282	1.304 ug/ml
4) N-TETRADECANE	8.531	218652	1.545 ug/ml
5) N-HEXADECANE	10.138	200451	1.423 ug/ml
6) N-OCTADECANE	11.580	210800	1.469 ug/ml
7) N-EICOSANE	12.888	225356	1.599 ug/ml
8) N-DOCOSANE	14.085	219597	1.578 ug/ml
10) N-TETRACOSANE	15.187	232757	1.670 ug/ml
11) N-HEXACOSANE	16.207	224138	1.606 ug/ml
12) N-OCTACOSANE	17.156	228087	1.625 ug/ml
13) N-TRIACONTANE	18.042	264695	1.855 ug/ml
14) N-DOTRIACONTANE	18.874	281045	2.001 ug/ml
15) N-TETRATRIACONTANE	19.657	253087	2.080 ug/ml
16) N-HEXATRIACONTANE	20.396	213100	2.080 ug/ml
17) N-OCTATRIACONTANE	21.126	192440	2.040 ug/ml
18) N-TETRACONTANE	22.027	223561	2.362 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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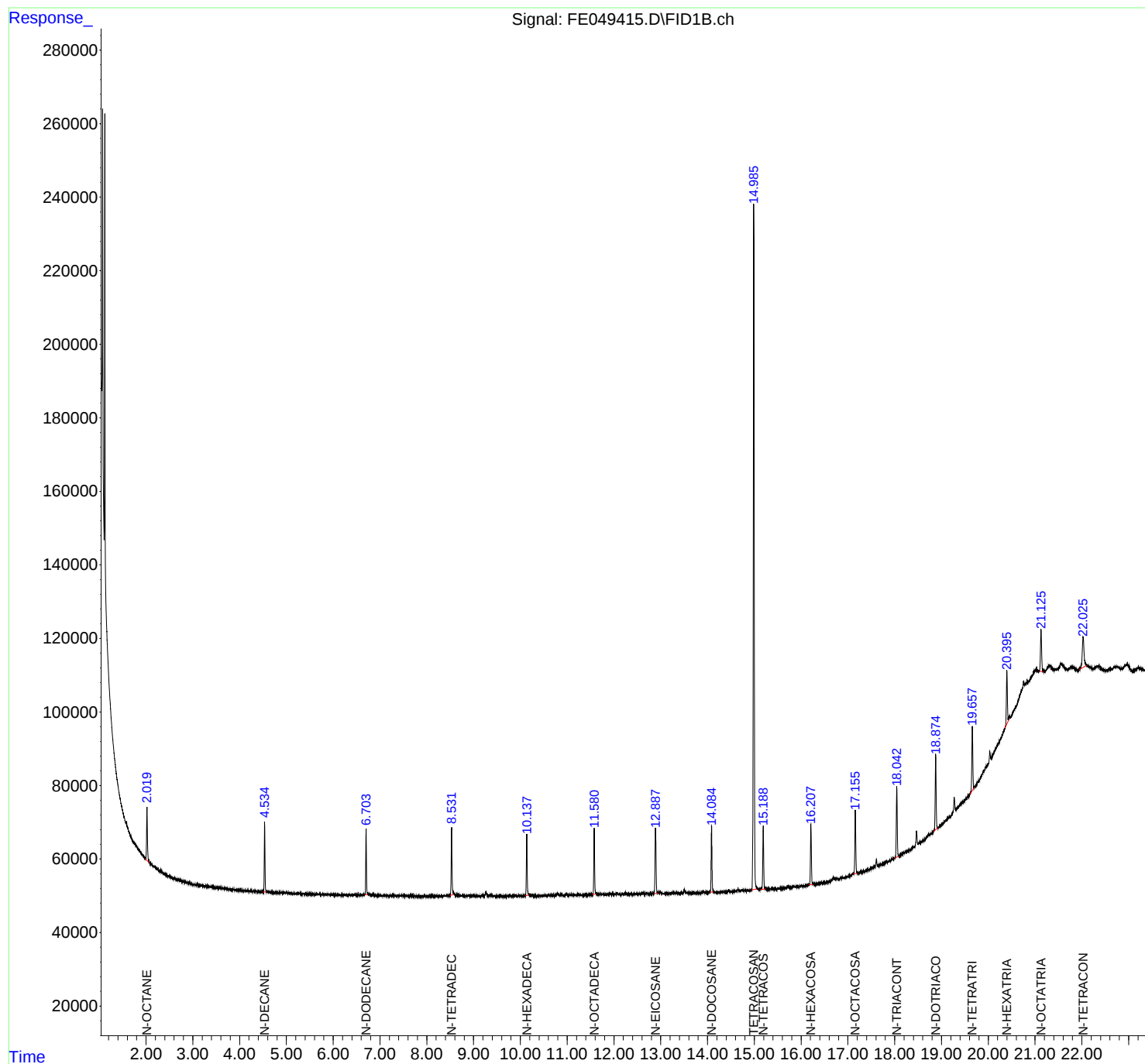
FID_E

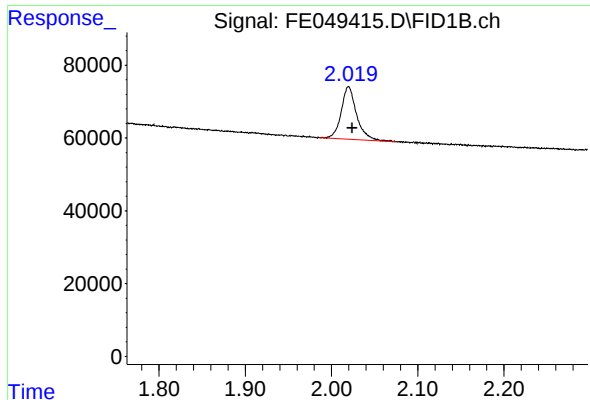
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

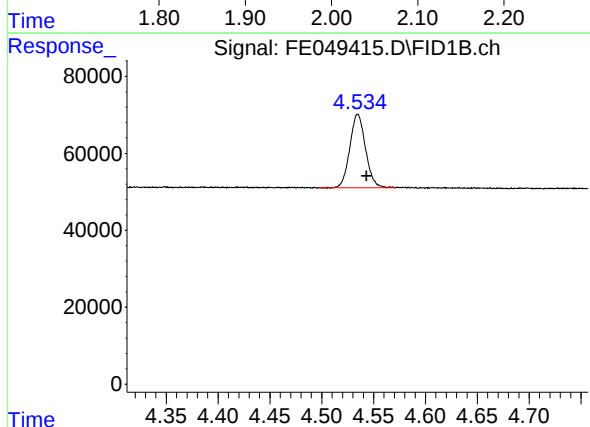
R.T.: 2.020 min
Delta R.T.: -0.004 min
Response: 179290
Conc: 1.28 ug/ml

Instrument :

FID_E

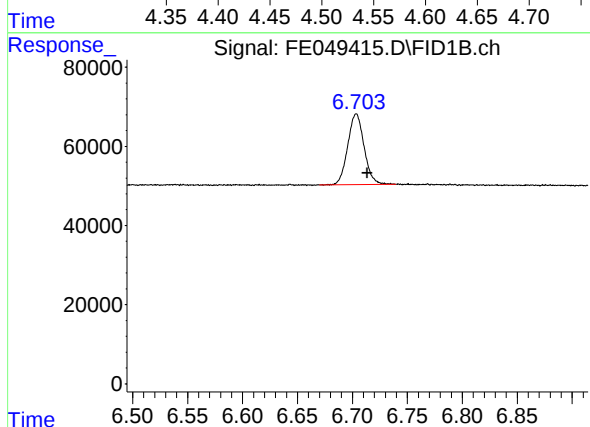
ClientSampleId :

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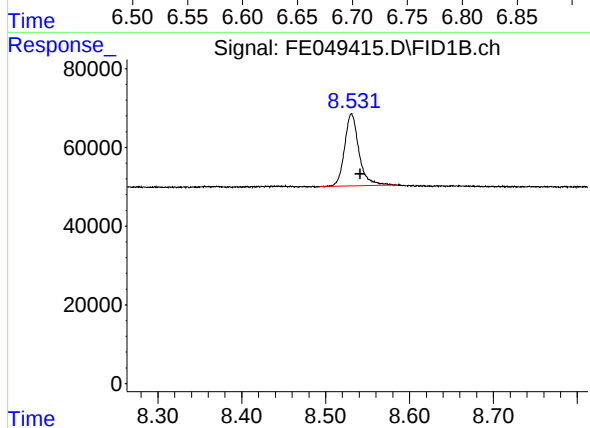
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 201647
Conc: 1.44 ug/ml



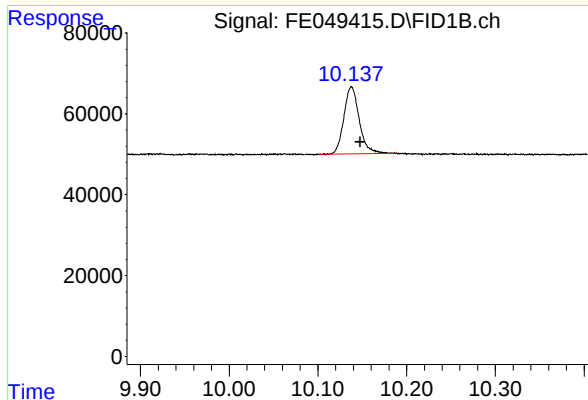
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.010 min
Response: 185282
Conc: 1.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.531 min
Delta R.T.: -0.011 min
Response: 218652
Conc: 1.54 ug/ml



#5 N-HEXADECANE

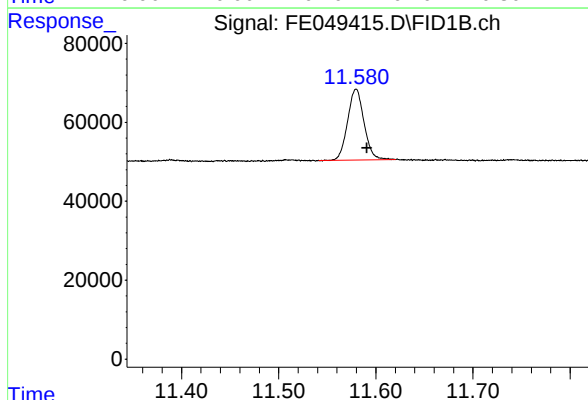
R.T.: 10.138 min
Delta R.T.: -0.010 min
Response: 200451
Conc: 1.42 ug/ml

Instrument :

FID_E

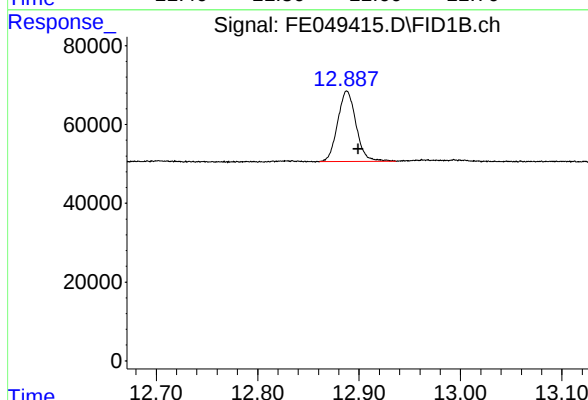
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



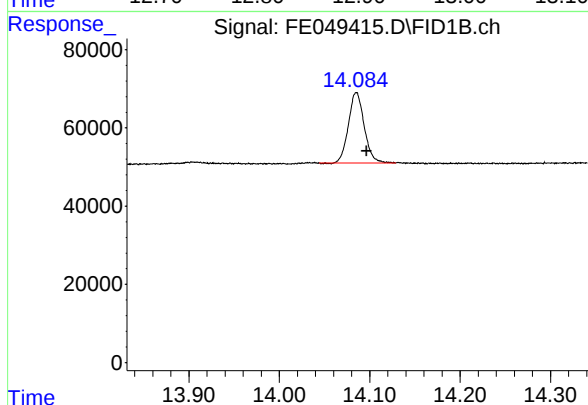
#6 N-OCTADECANE

R.T.: 11.580 min
Delta R.T.: -0.011 min
Response: 210800
Conc: 1.47 ug/ml



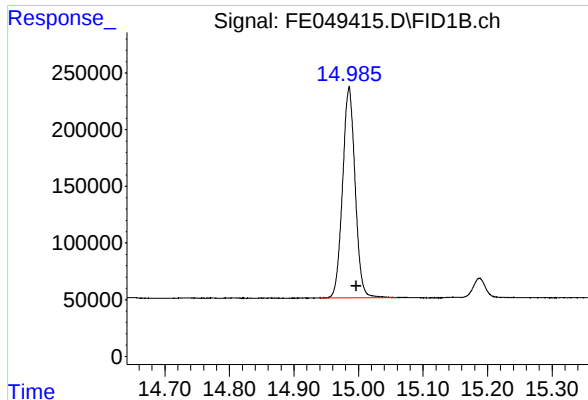
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.011 min
Response: 225356
Conc: 1.60 ug/ml



#8 N-DOCOSANE

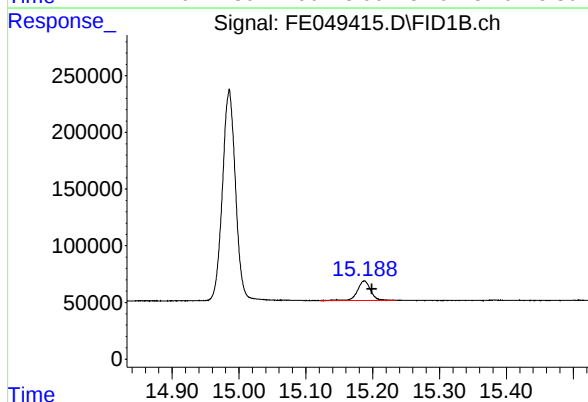
R.T.: 14.085 min
Delta R.T.: -0.011 min
Response: 219597
Conc: 1.58 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

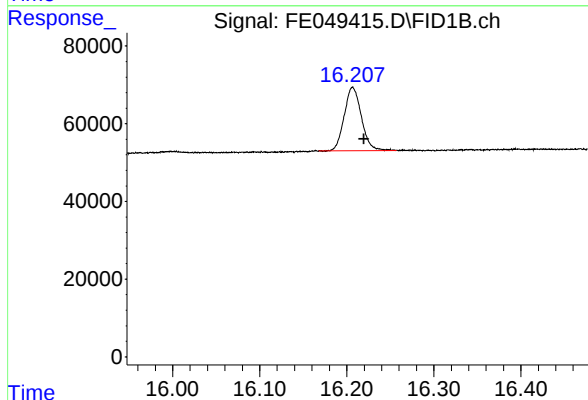
R.T.: 14.986 min
Delta R.T.: -0.011 min
Response: 2516473
Conc: 19.68 ug/ml

Instrument :
FID_E
ClientSampleId :
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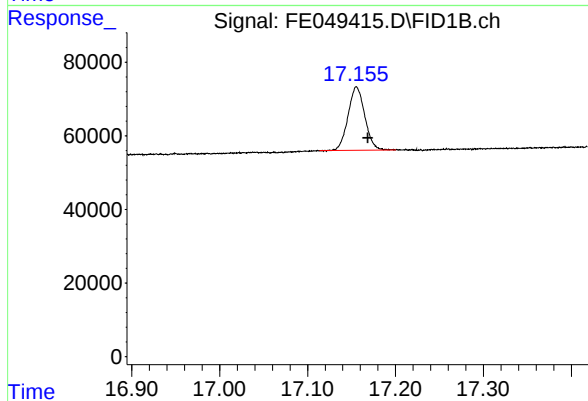
#10 N-TETRACOSANE

R.T.: 15.187 min
Delta R.T.: -0.011 min
Response: 232757
Conc: 1.67 ug/ml



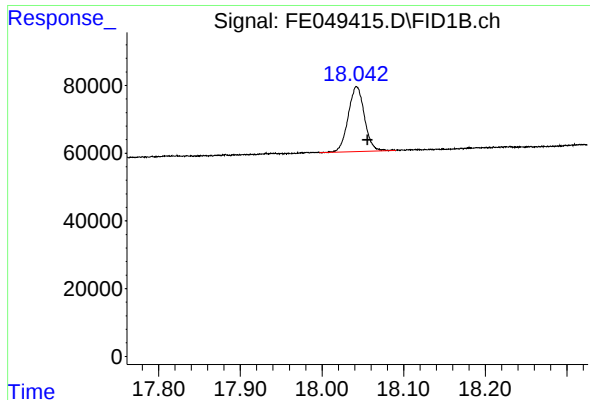
#11 N-HEXACOSANE

R.T.: 16.207 min
Delta R.T.: -0.013 min
Response: 224138
Conc: 1.61 ug/ml



#12 N-OCTACOSANE

R.T.: 17.156 min
Delta R.T.: -0.013 min
Response: 228087
Conc: 1.63 ug/ml



#13 N-TRIACONTANE

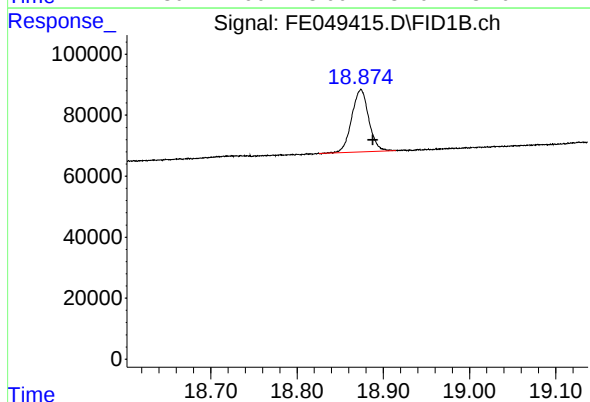
R.T.: 18.042 min
Delta R.T.: -0.014 min
Response: 264695
Conc: 1.85 ug/ml

Instrument :

FID_E

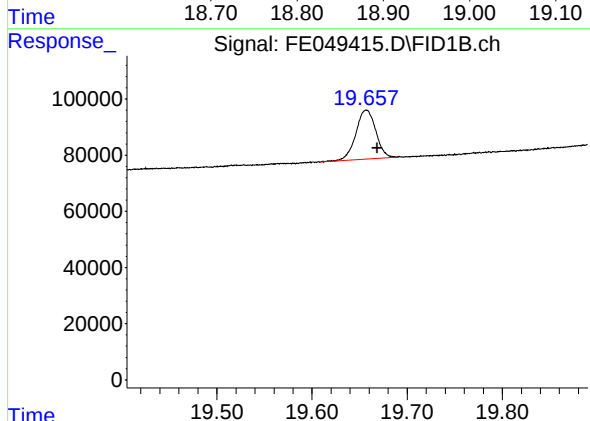
ClientSampleId :

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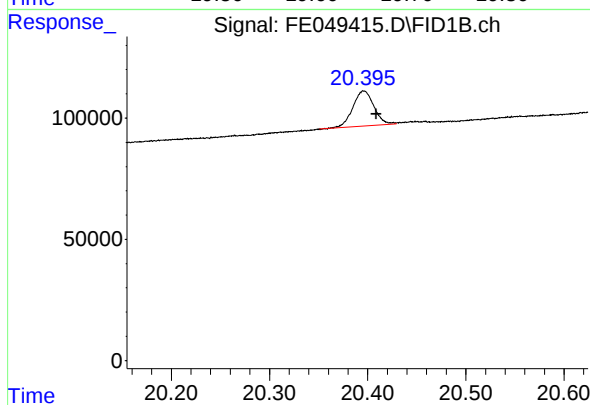
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.014 min
Response: 281045
Conc: 2.00 ug/ml



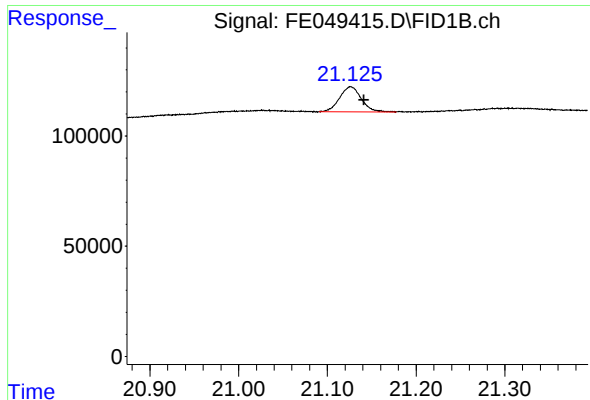
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.011 min
Response: 253087
Conc: 2.08 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.396 min
Delta R.T.: -0.013 min
Response: 213100
Conc: 2.08 ug/ml



#17 N-OCTATRIACONTANE

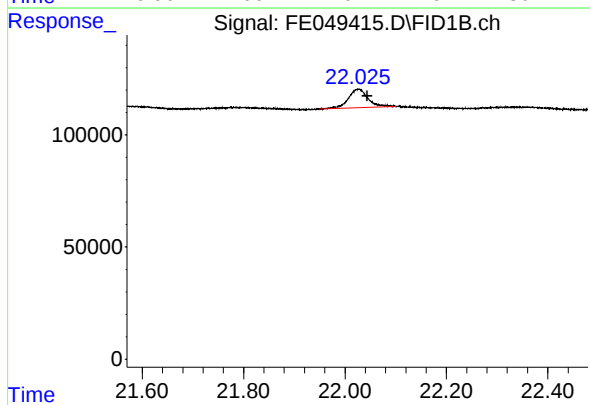
R.T.: 21.126 min
Delta R.T.: -0.015 min
Response: 192440
Conc: 2.04 ug/ml

Instrument :

FID_E

ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.027 min
Delta R.T.: -0.017 min
Response: 223561
Conc: 2.36 ug/ml