

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044059.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 13:51
 Operator : YP\AJ
 Sample : 03572-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:25:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 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...	15.026	2415231	16.474 ug/ml
Target Compounds			
1) N-OCTANE	2.045	136546	0.840 ug/ml
2) N-DECANE	4.572	150255	0.891 ug/ml
3) N-DODECANE	6.736	151301	0.888 ug/ml
4) N-TETRADECANE	8.563	159440	0.927 ug/ml
5) N-HEXADECANE	10.170	154583	0.896 ug/ml
6) N-OCTADECANE	11.615	157266	0.905 ug/ml
7) N-EICOSANE	12.925	156476	0.916 ug/ml
8) N-DOCOSANE	14.124	151399	0.901 ug/ml
10) N-TETRACOSANE	15.228	151022	0.915 ug/ml
11) N-HEXACOSANE	16.251	147959	0.920 ug/ml
12) N-OCTACOSANE	17.201	156628	1.002 ug/ml
13) N-TRIACONTANE	18.090	189764	1.268 ug/ml
14) N-DOTRIACONTANE	18.923	199830	1.469 ug/ml
15) N-TETRATRIACONTANE	19.707	176524	1.466 ug/ml
16) N-HEXATRIACONTANE	20.447	136071	1.281 ug/mlm
17) N-OCTATRIACONTANE	21.191	127346	1.276 ug/mlm
18) N-TETRACONTANE	22.111	112877	1.177 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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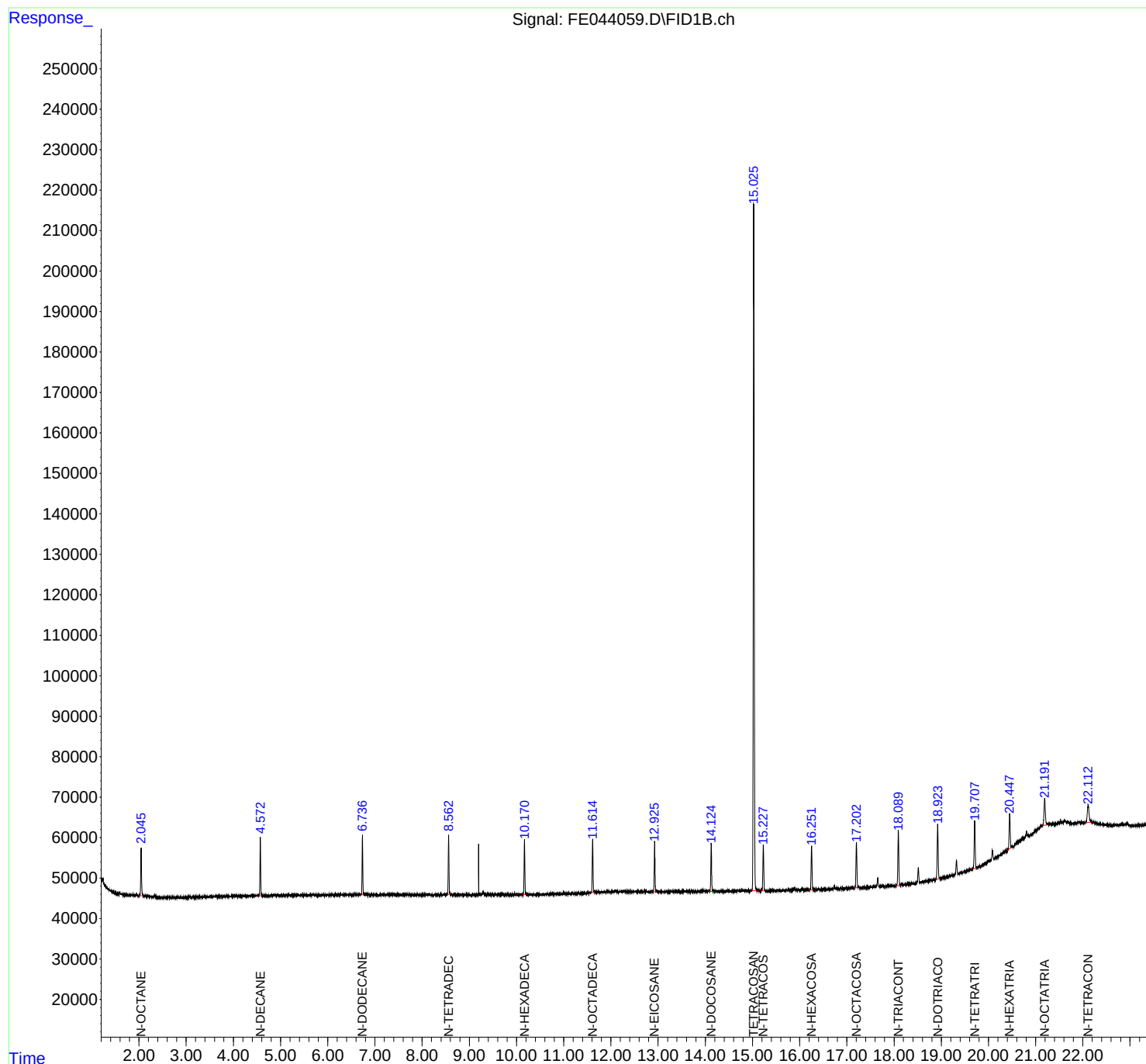
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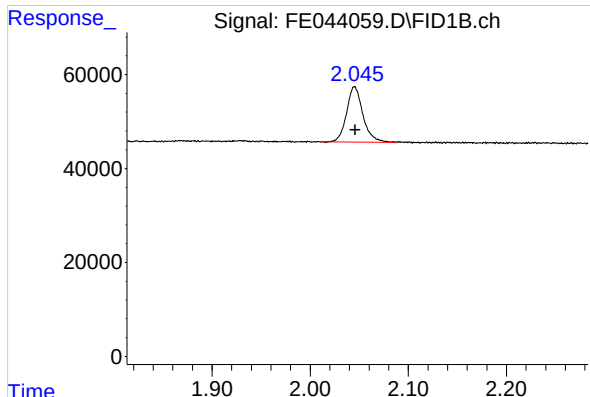
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Quant Title :
QLast Update : Thu Aug 31 02:43:19 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.045 min
Delta R.T.: 0.000 min
Response: 136546
Conc: 0.84 ug/ml

Instrument :

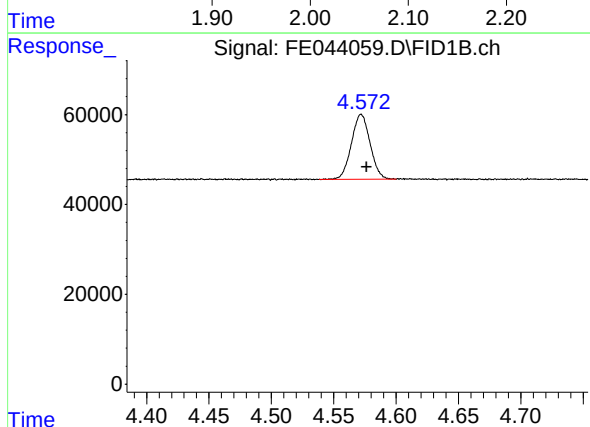
FID_E

ClientSampleId :

LOD-MDL-WATER-04-QT3-2023

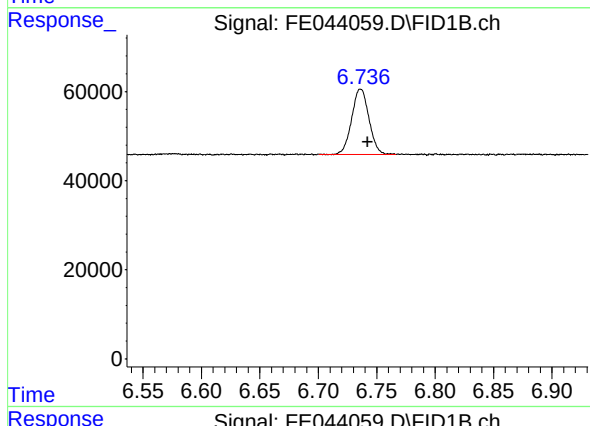
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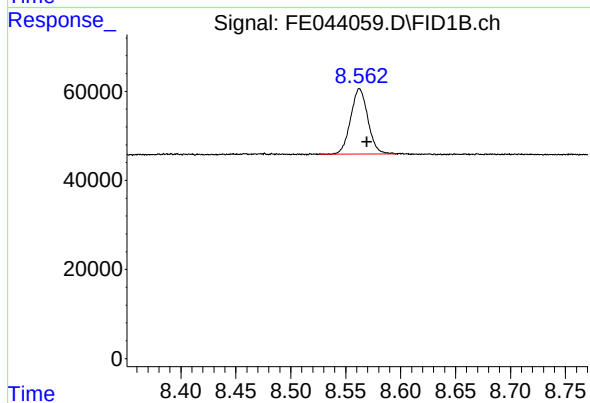
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 150255
Conc: 0.89 ug/ml



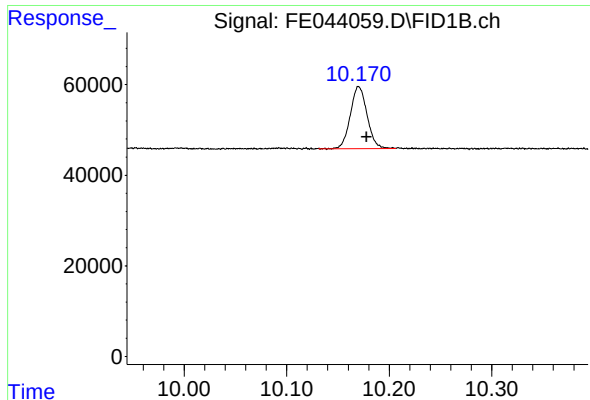
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 151301
Conc: 0.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.563 min
Delta R.T.: -0.007 min
Response: 159440
Conc: 0.93 ug/ml



#5 N-HEXADECANE

R.T.: 10.170 min
Delta R.T.: -0.008 min
Response: 154583
Conc: 0.90 ug/ml

Instrument :

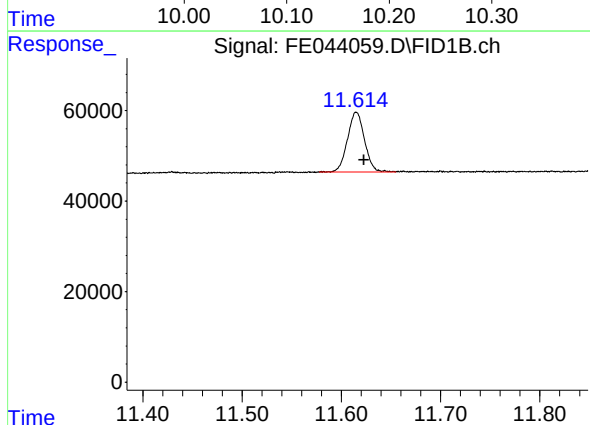
FID_E

ClientSampleId :

LOD-MDL-WATER-04-QT3-2023

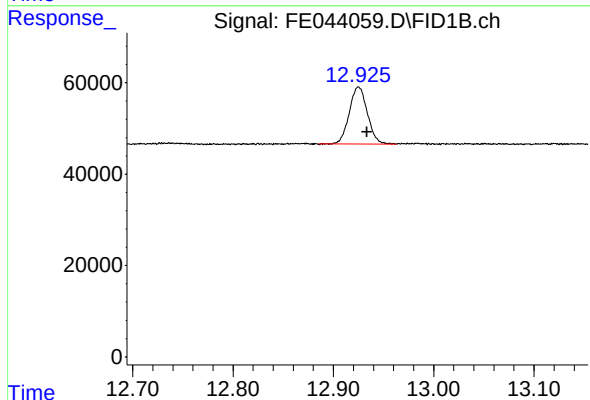
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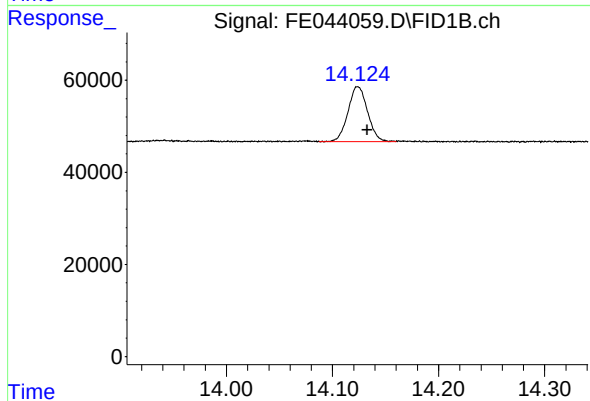
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: -0.008 min
Response: 157266
Conc: 0.91 ug/ml



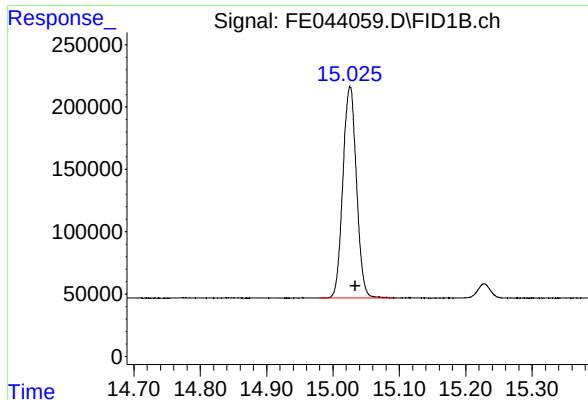
#7 N-EICOSANE

R.T.: 12.925 min
Delta R.T.: -0.009 min
Response: 156476
Conc: 0.92 ug/ml



#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: -0.009 min
Response: 151399
Conc: 0.90 ug/ml



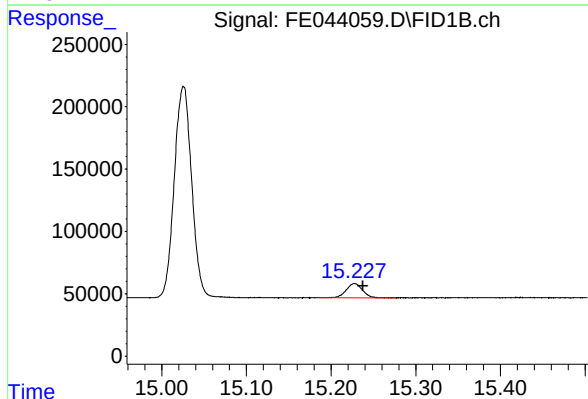
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.026 min
Delta R.T.: -0.008 min
Response: 2415231
Conc: 16.47 ug/ml

Instrument : FID_E
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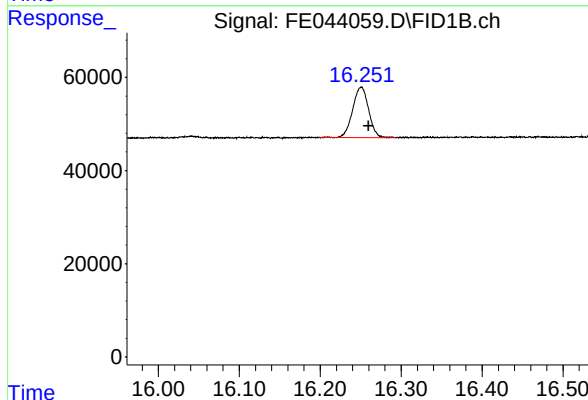
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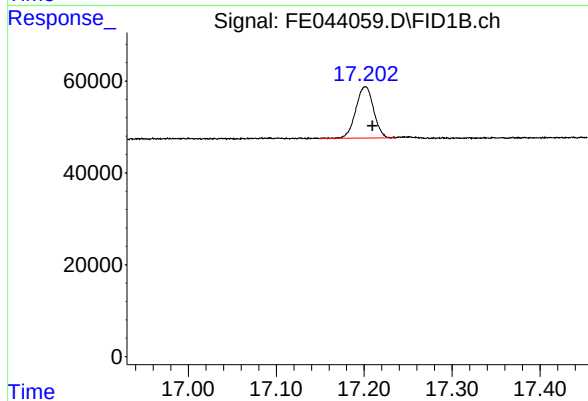
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: -0.010 min
Response: 151022
Conc: 0.91 ug/ml



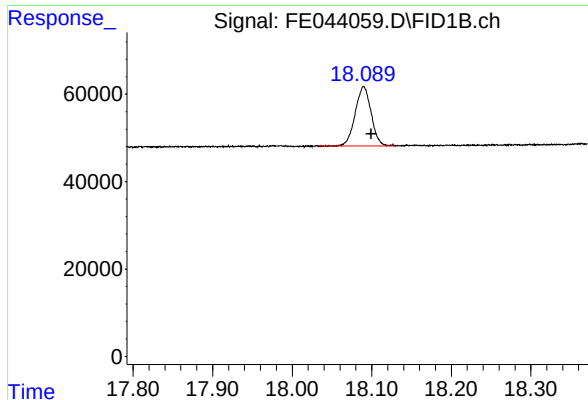
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 147959
Conc: 0.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.201 min
Delta R.T.: -0.008 min
Response: 156628
Conc: 1.00 ug/ml



#13 N-TRIACONTANE

R.T.: 18.090 min
Delta R.T.: -0.010 min
Response: 189764
Conc: 1.27 ug/ml

Instrument :

FID_E

ClientSampleId :

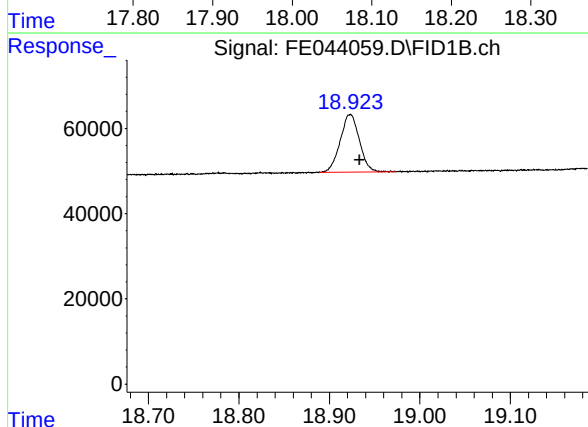
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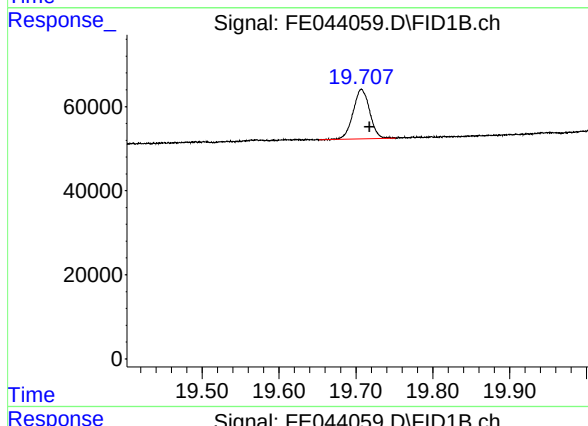
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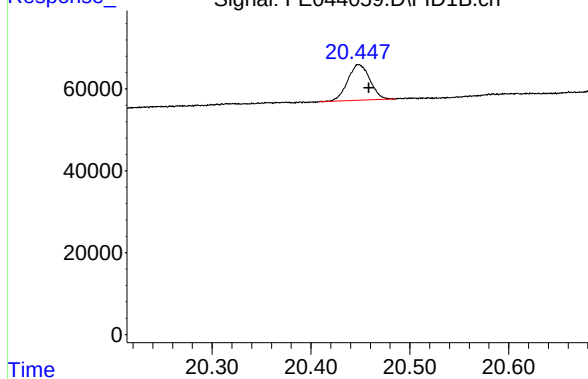
#14 N-DOTRIACONTANE

R.T.: 18.923 min
Delta R.T.: -0.011 min
Response: 199830
Conc: 1.47 ug/ml



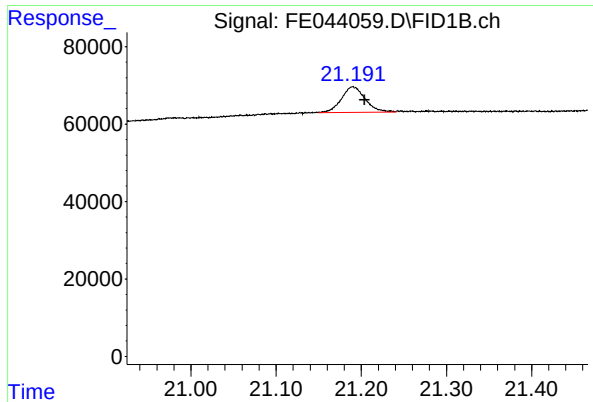
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.011 min
Response: 176524
Conc: 1.47 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.447 min
Delta R.T.: -0.011 min
Response: 136071
Conc: 1.28 ug/ml m



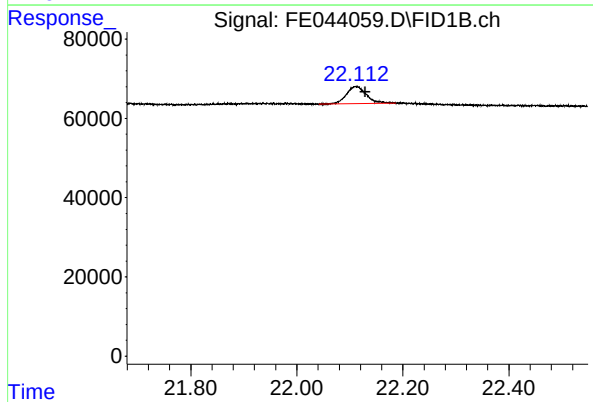
#17 N-OCTATRIACONTANE

R.T.: 21.191 min
Delta R.T.: -0.013 min
Response: 127346
Conc: 1.28 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.111 min
Delta R.T.: -0.018 min
Response: 112877
Conc: 1.18 ug/ml