

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044056.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 12:20
 Operator : YP\AJ
 Sample : 03572-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-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 00:25:09 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	2418856	16.499 ug/ml
Target Compounds			
1) N-OCTANE	2.046	139624	0.859 ug/ml
2) N-DECANE	4.572	151876	0.901 ug/ml
3) N-DODECANE	6.737	153528	0.901 ug/ml
4) N-TETRADECANE	8.562	159511	0.927 ug/ml
5) N-HEXADECANE	10.171	154082	0.894 ug/ml
6) N-OCTADECANE	11.615	157364	0.906 ug/ml
7) N-EICOSANE	12.926	154059	0.902 ug/ml
8) N-DOCOSANE	14.124	152270	0.906 ug/ml
10) N-TETRACOSANE	15.228	149950	0.908 ug/ml
11) N-HEXACOSANE	16.250	147051	0.914 ug/ml
12) N-OCTACOSANE	17.201	155932	0.997 ug/ml
13) N-TRIACONTANE	18.089	182819	1.221 ug/ml
14) N-DOTRIACONTANE	18.925	190460	1.400 ug/ml
15) N-TETRATRIACONTANE	19.709	165961	1.378 ug/ml
16) N-HEXATRIACONTANE	20.450	123335	1.161 ug/ml
17) N-OCTATRIACONTANE	21.190	89131	0.893 ug/ml
18) N-TETRACONTANE	22.113	73487	0.766 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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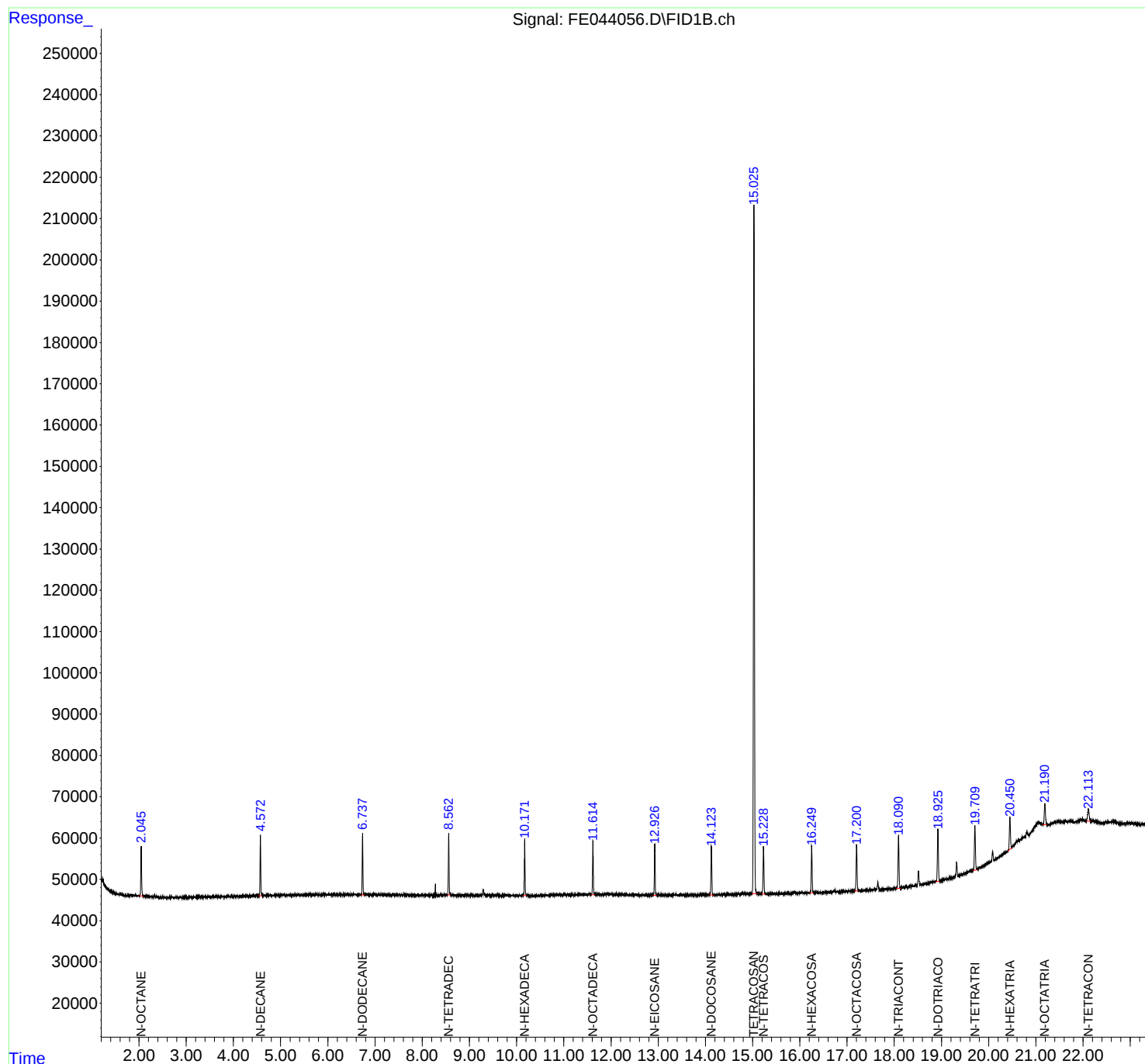
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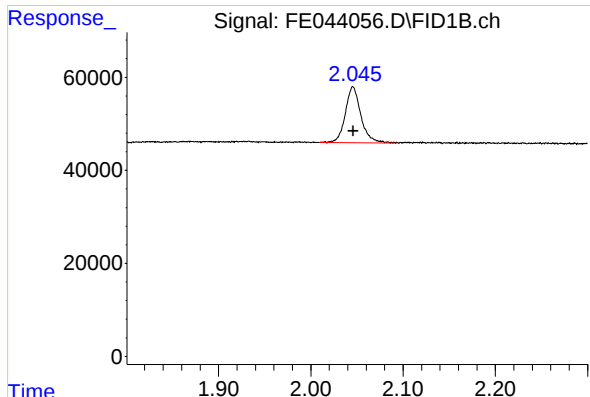
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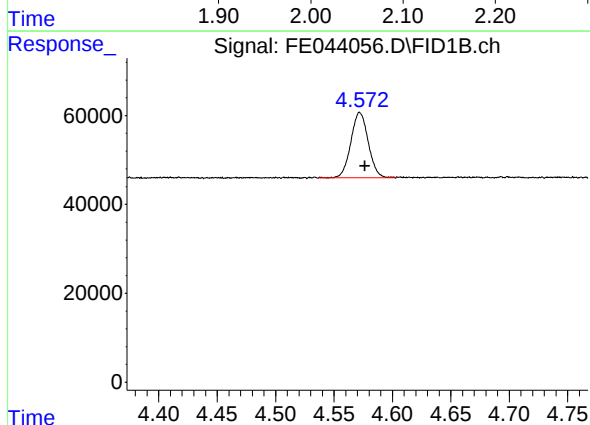
#1 N-OCTANE

R.T.: 2.046 min
Delta R.T.: 0.000 min
Response: 139624
Conc: 0.86 ug/ml

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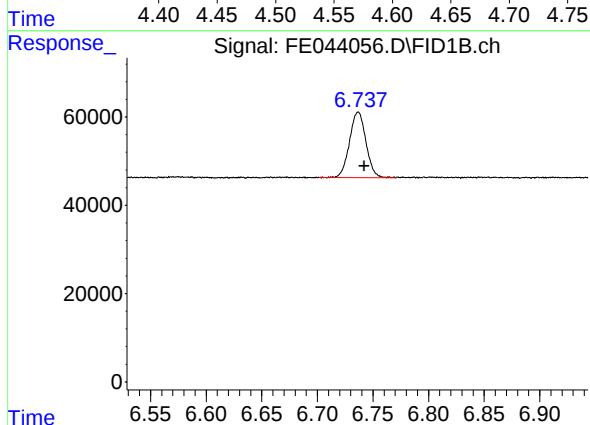
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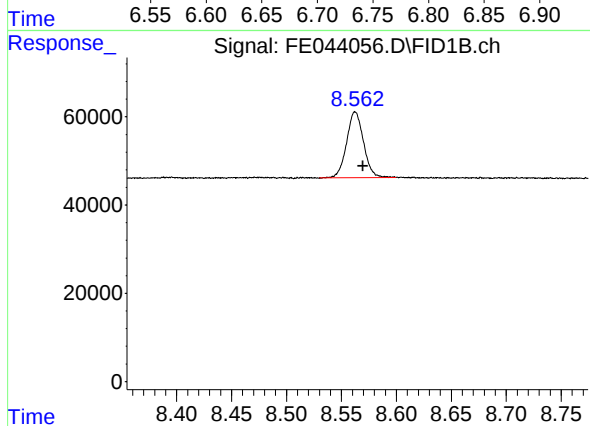
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 151876
Conc: 0.90 ug/ml



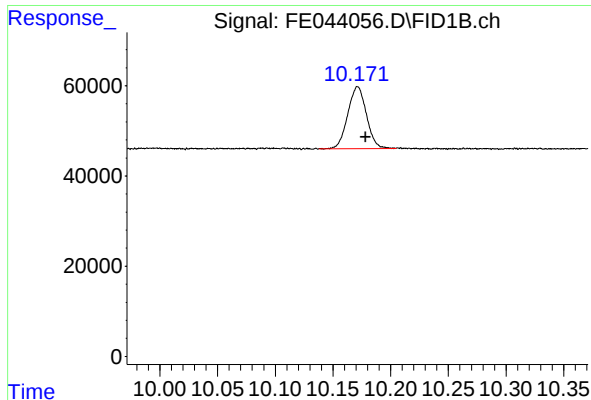
#3 N-DODECANE

R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 153528
Conc: 0.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.562 min
Delta R.T.: -0.007 min
Response: 159511
Conc: 0.93 ug/ml



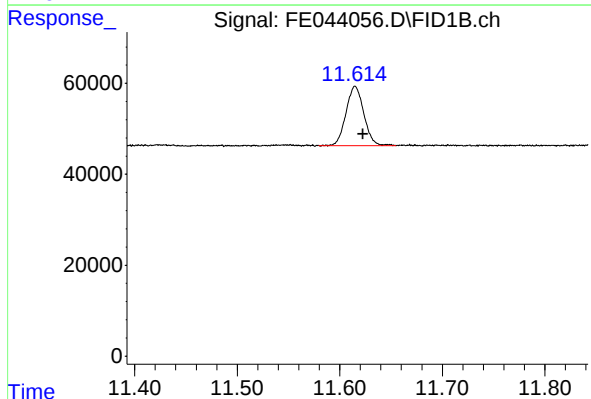
#5 N-HEXADECANE

R.T.: 10.171 min
Delta R.T.: -0.007 min
Response: 154082
Conc: 0.89 ug/ml

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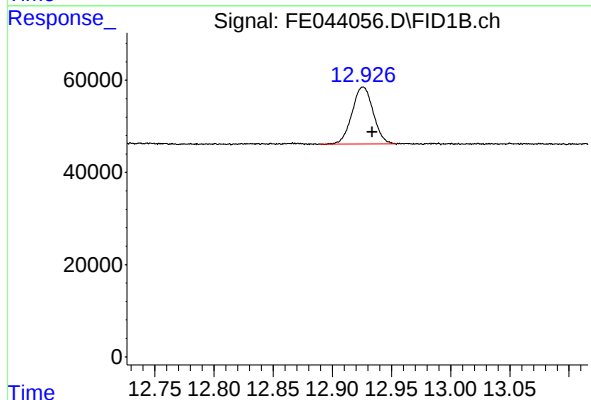
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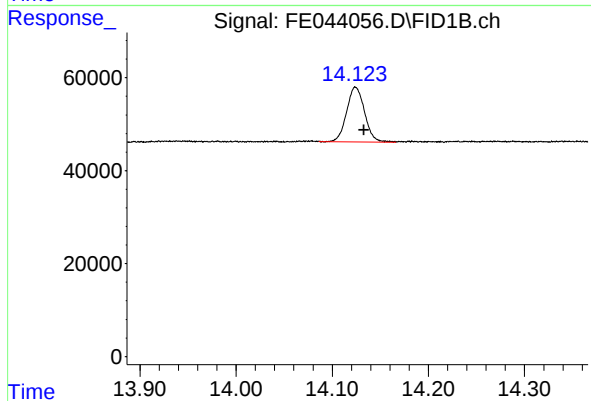
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: -0.008 min
Response: 157364
Conc: 0.91 ug/ml



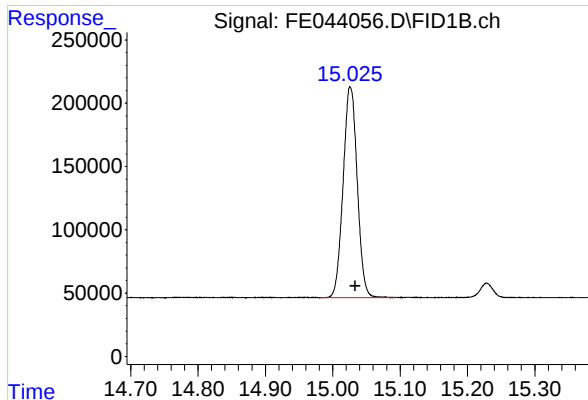
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: -0.008 min
Response: 154059
Conc: 0.90 ug/ml



#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: -0.009 min
Response: 152270
Conc: 0.91 ug/ml



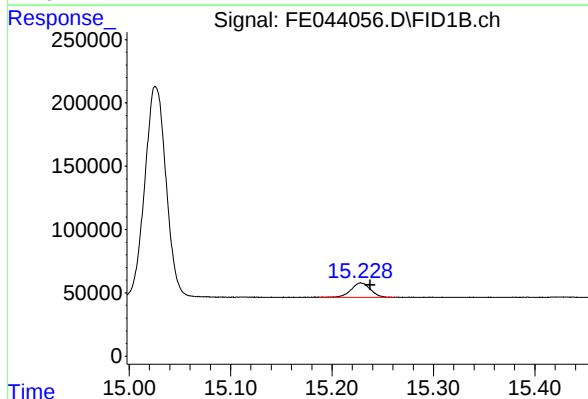
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.026 min
Delta R.T.: -0.007 min
Response: 2418856
Conc: 16.50 ug/ml

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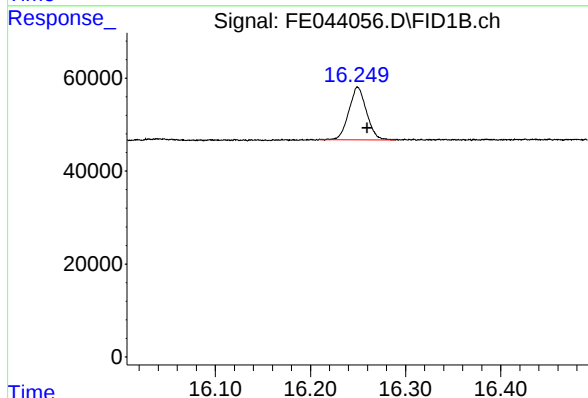
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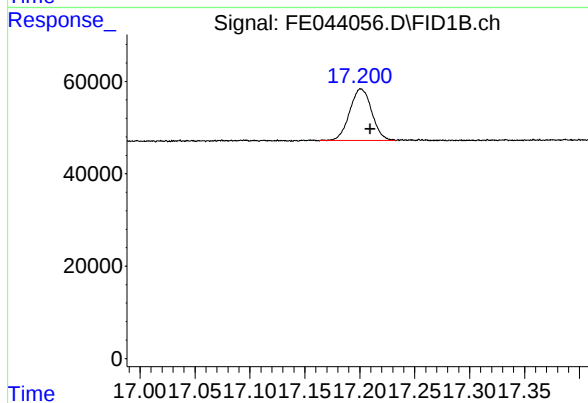
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: -0.009 min
Response: 149950
Conc: 0.91 ug/ml



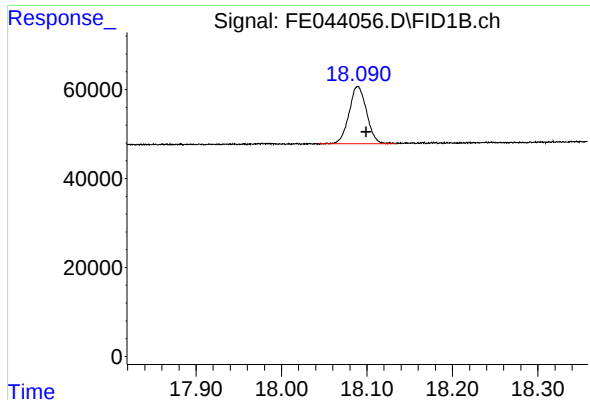
#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: -0.010 min
Response: 147051
Conc: 0.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.201 min
Delta R.T.: -0.009 min
Response: 155932
Conc: 1.00 ug/ml



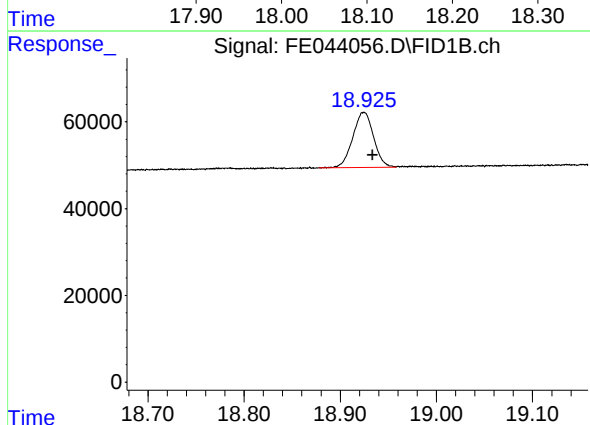
#13 N-TRIACONTANE

R.T.: 18.089 min
Delta R.T.: -0.010 min
Response: 182819
Conc: 1.22 ug/ml

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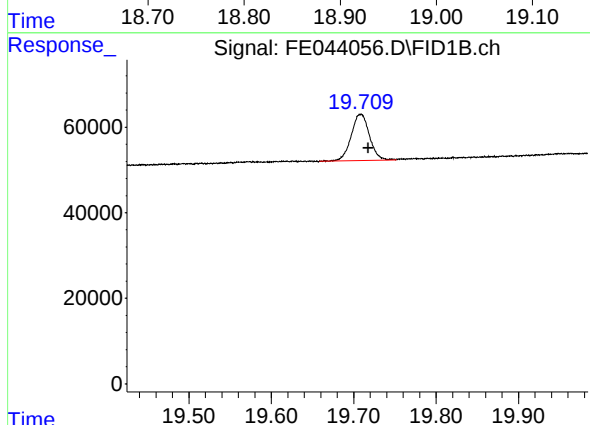
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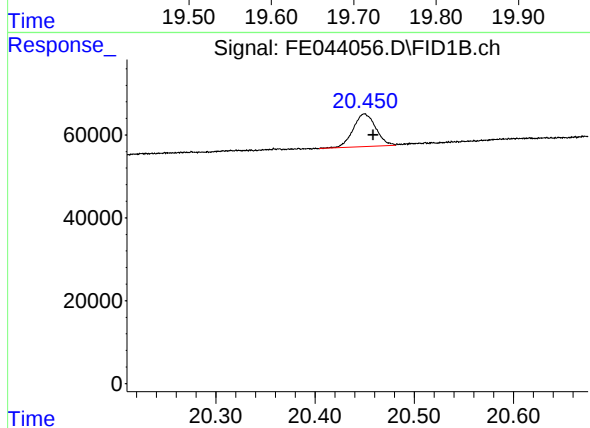
#14 N-DOTRIACONTANE

R.T.: 18.925 min
Delta R.T.: -0.009 min
Response: 190460
Conc: 1.40 ug/ml



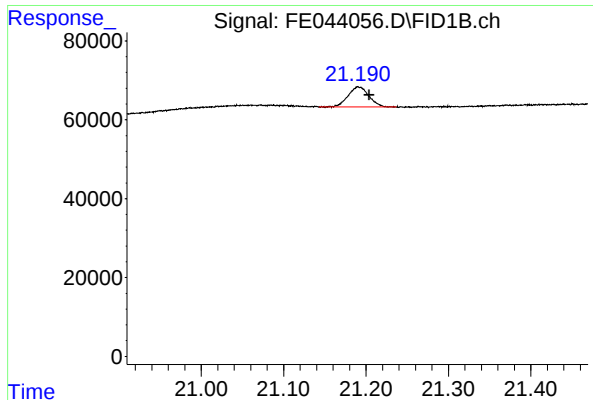
#15 N-TETRATRIACONTANE

R.T.: 19.709 min
Delta R.T.: -0.009 min
Response: 165961
Conc: 1.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.450 min
Delta R.T.: -0.009 min
Response: 123335
Conc: 1.16 ug/ml



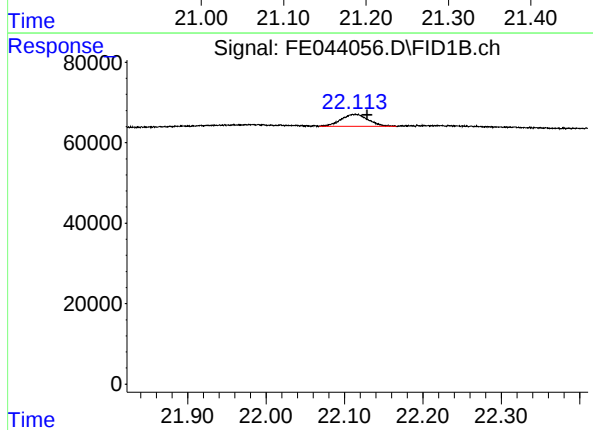
#17 N-OCTATRIACONTANE

R.T.: 21.190 min
Delta R.T.: -0.013 min
Response: 89131
Conc: 0.89 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.113 min
Delta R.T.: -0.017 min
Response: 73487
Conc: 0.77 ug/ml m