

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022223\
 Data File : FF012181.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 12:25
 Operator : YP\AJ
 Sample : 01627-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2023
 Supervised By :Ankita Jodhani 02/23/2023

Integration File: autoint1.e
 Quant Time: Feb 23 00:49:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF022123.M
 Quant Title :
 QLast Update : Tue Feb 21 16:12:39 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...	15.042	2263788	19.081 ug/ml
Target Compounds			
1) N-OCTANE	2.077	123625	0.928 ug/ml
2) N-DECANE	4.593	133643	0.997 ug/ml
3) N-DODECANE	6.757	120826	0.889 ug/ml
4) N-TETRADECANE	8.585	95434	0.686 ug/ml
5) N-HEXADECANE	10.193	136296	0.957 ug/ml
6) N-OCTADECANE	11.634	140497	0.988 ug/ml
7) N-EICOSANE	12.944	149366	1.059 ug/ml
8) N-DOCOSANE	14.141	141189	1.047 ug/ml
10) N-TETRACOSANE	15.245	142254	1.074 ug/ml
11) N-HEXACOSANE	16.265	135092	1.059 ug/ml
12) N-OCTACOSANE	17.214	141506	1.153 ug/ml
13) N-TRIACONTANE	18.102	160796	1.377 ug/ml
14) N-DOTRIACONTANE	18.934	245156	2.202 ug/ml
15) N-TETRATRIACONTANE	19.717	151315	1.529 ug/ml
16) N-HEXATRIACONTANE	20.458	161023	1.698 ug/mlm
17) N-OCTATRIACONTANE	21.195	110312	1.287 ug/ml
18) N-TETRACONTANE	22.119	200113	2.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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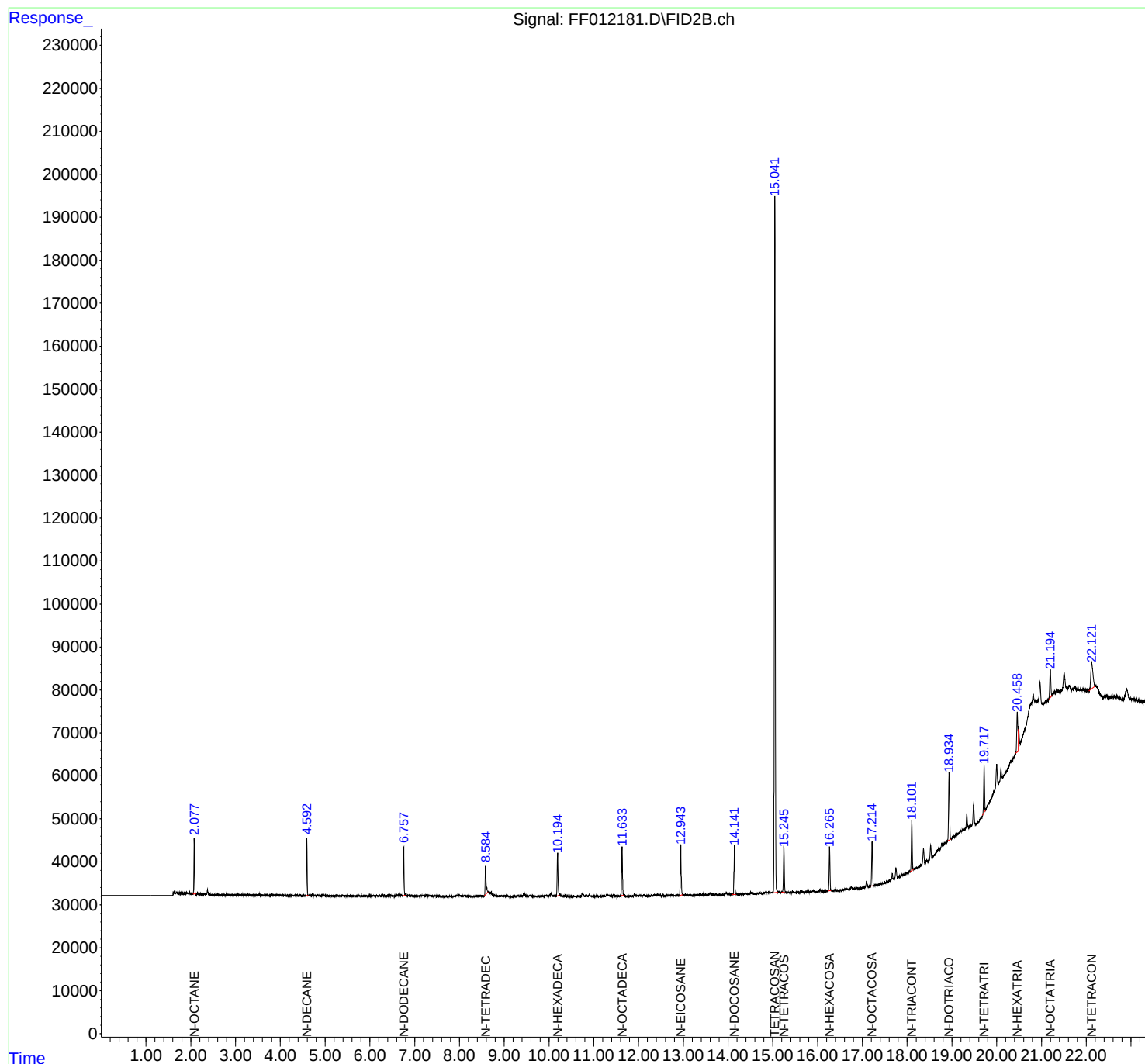
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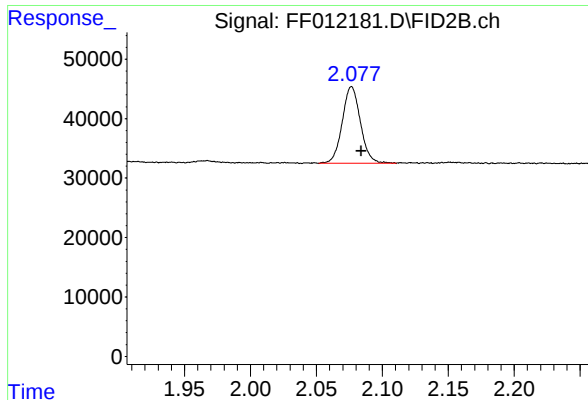
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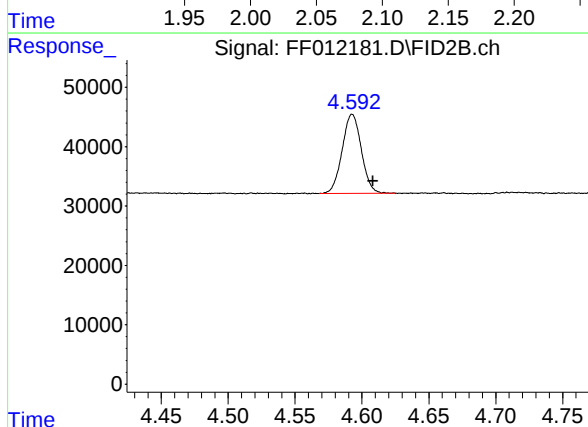
#1 N-OCTANE

R.T.: 2.077 min
Delta R.T.: -0.007 min
Response: 123625
Conc: 0.93 ug/ml

Instrument : FID_F
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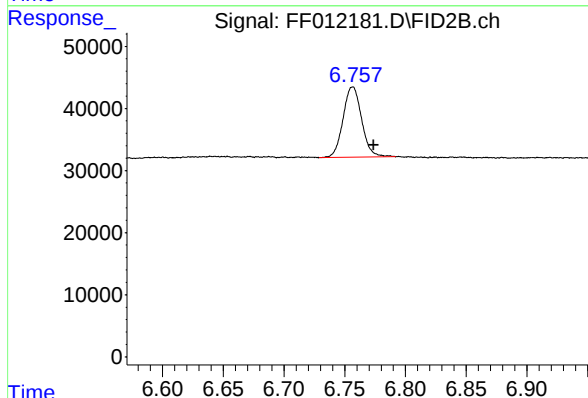
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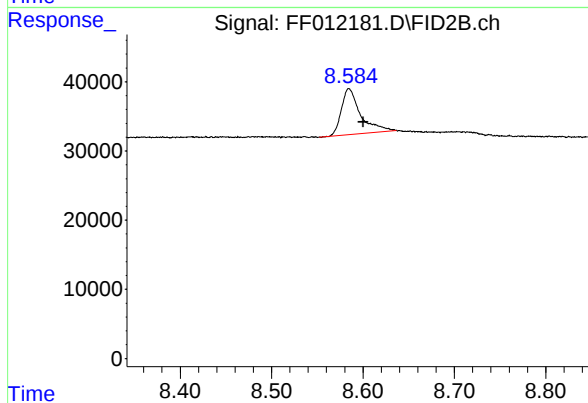
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.015 min
Response: 133643
Conc: 1.00 ug/ml



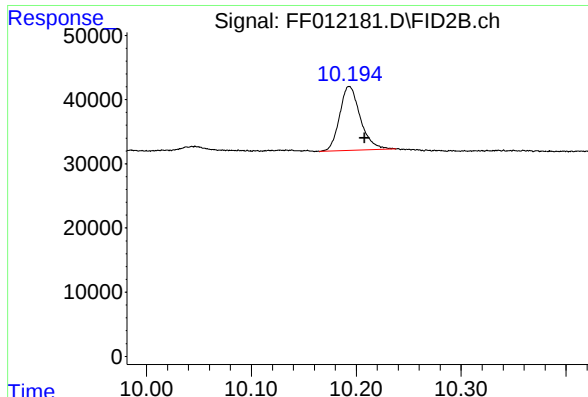
#3 N-DODECANE

R.T.: 6.757 min
Delta R.T.: -0.017 min
Response: 120826
Conc: 0.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.585 min
Delta R.T.: -0.016 min
Response: 95434
Conc: 0.69 ug/ml



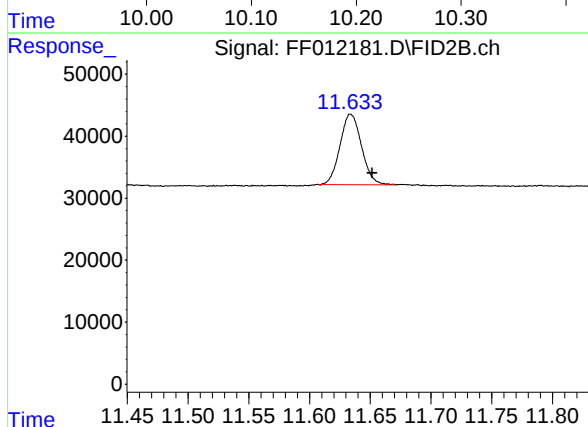
#5 N-HEXADECANE

R.T.: 10.193 min
Delta R.T.: -0.015 min
Response: 136296
Conc: 0.96 ug/ml

Instrument : FID_F
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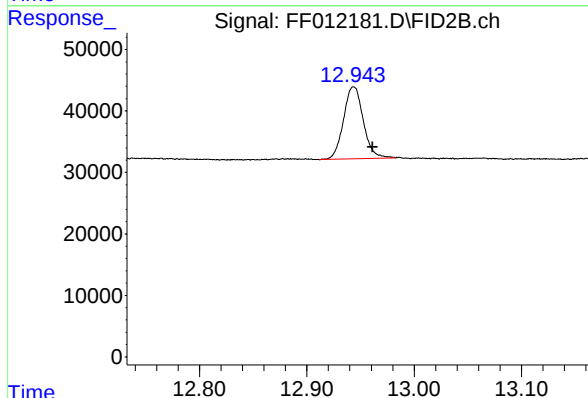
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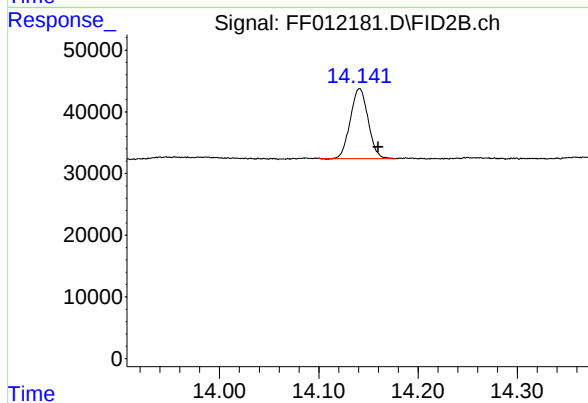
#6 N-OCTADECANE

R.T.: 11.634 min
Delta R.T.: -0.018 min
Response: 140497
Conc: 0.99 ug/ml



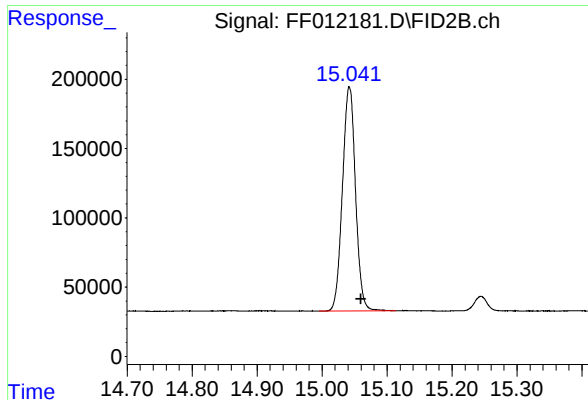
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: -0.018 min
Response: 149366
Conc: 1.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: -0.019 min
Response: 141189
Conc: 1.05 ug/ml



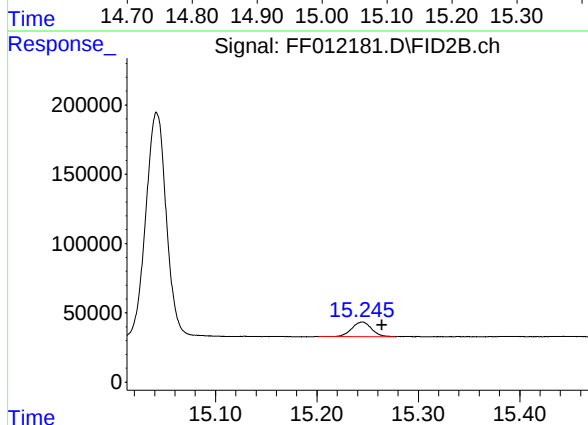
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: -0.018 min
Response: 2263788
Conc: 19.08 ug/ml

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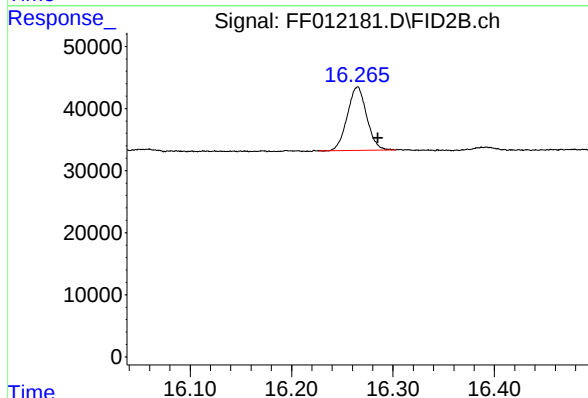
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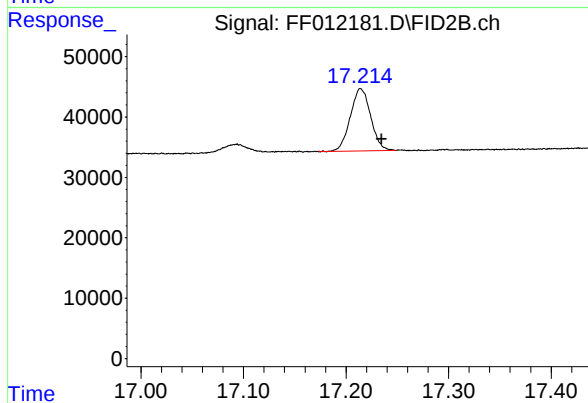
#10 N-TETRACOSANE

R.T.: 15.245 min
Delta R.T.: -0.020 min
Response: 142254
Conc: 1.07 ug/ml



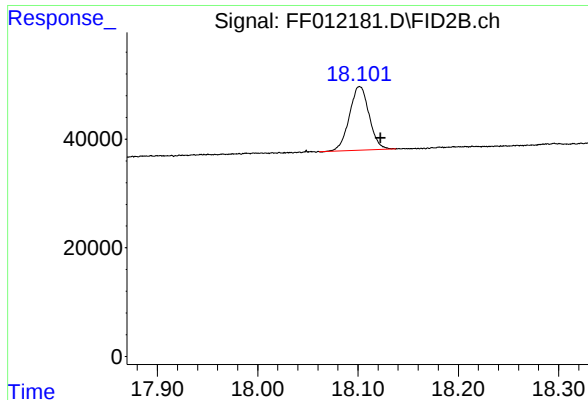
#11 N-HEXACOSANE

R.T.: 16.265 min
Delta R.T.: -0.020 min
Response: 135092
Conc: 1.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.214 min
Delta R.T.: -0.020 min
Response: 141506
Conc: 1.15 ug/ml



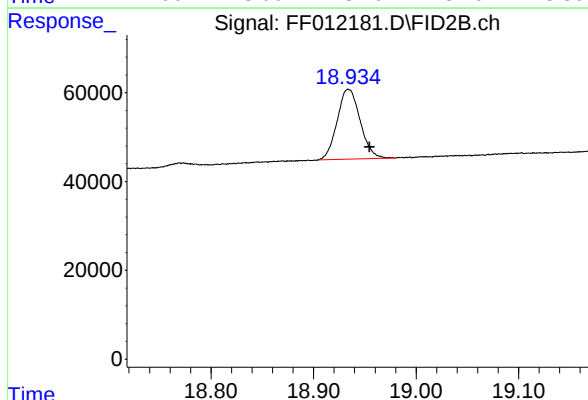
#13 N-TRIACONTANE

R.T.: 18.102 min
Delta R.T.: -0.021 min
Response: 160796
Conc: 1.38 ug/ml

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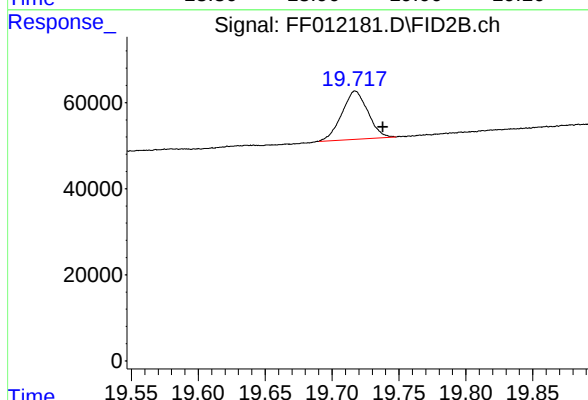
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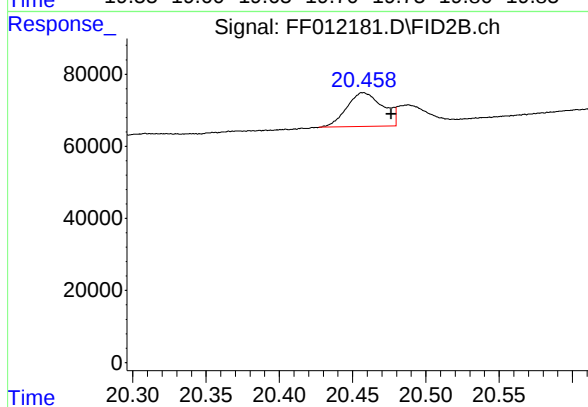
#14 N-DOTRIACONTANE

R.T.: 18.934 min
Delta R.T.: -0.021 min
Response: 245156
Conc: 2.20 ug/ml



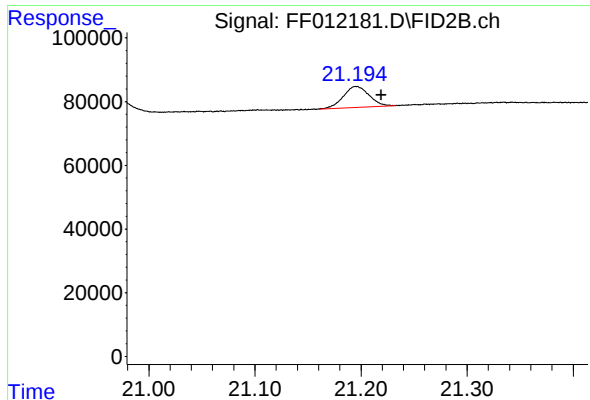
#15 N-TETRATRIACONTANE

R.T.: 19.717 min
Delta R.T.: -0.021 min
Response: 151315
Conc: 1.53 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.458 min
Delta R.T.: -0.019 min
Response: 161023
Conc: 1.70 ug/ml m



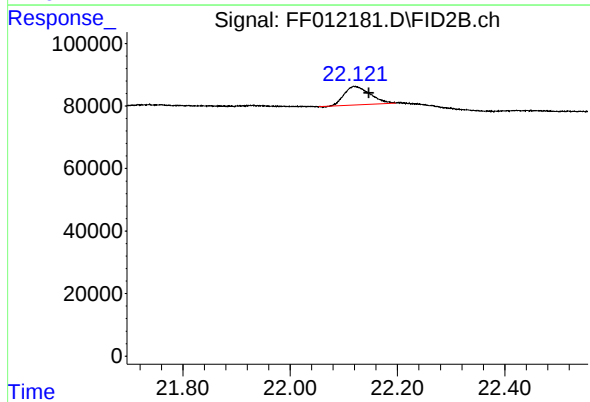
#17 N-OCTATRIACONTANE

R.T.: 21.195 min
Delta R.T.: -0.024 min
Response: 110312
Conc: 1.29 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.119 min
Delta R.T.: -0.028 min
Response: 200113
Conc: 2.20 ug/ml