

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083122\
 Data File : FE037356.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2022 14:42
 Operator : YP\AJ
 Sample : N3980-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-06-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 09:26:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE082922.M
 Quant Title :
 QLast Update : Mon Aug 29 16:06:19 2022
 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...	14.707	2468887	17.233 ug/ml
Target Compounds			
1) N-OCTANE	1.801	143144	0.942 ug/mlm
2) N-DECANE	4.303	118093	0.750 ug/mlm
3) N-DODECANE	6.475	80402	0.494 ug/mlm
4) N-TETRADECANE	8.290	145798	0.870 ug/mlm
5) N-HEXADECANE	9.889	138105	0.811 ug/mlm
6) N-OCTADECANE	11.320	139016	0.809 ug/mlm
7) N-EICOSANE	12.623	148049	0.870 ug/mlm
8) N-DOCOSANE	13.813	157575	0.952 ug/mlm
10) N-TETRACOSANE	14.910	168135	1.026 ug/ml
11) N-HEXACOSANE	15.924	153463	0.966 ug/ml
12) N-OCTACOSANE	16.869	174083	1.130 ug/ml
13) N-TRIACONTANE	17.752	234923	1.547 ug/ml
14) N-DOTRIACONTANE	18.578	279122	1.866 ug/ml
15) N-TETRATRIACONTANE	19.358	216492	1.489 ug/ml
16) N-HEXATRIACONTANE	20.093	169394	1.239 ug/ml
17) N-OCTATRIACONTANE	20.790	141887	1.065 ug/ml
18) N-TETRACONTANE	21.570	198968	1.445 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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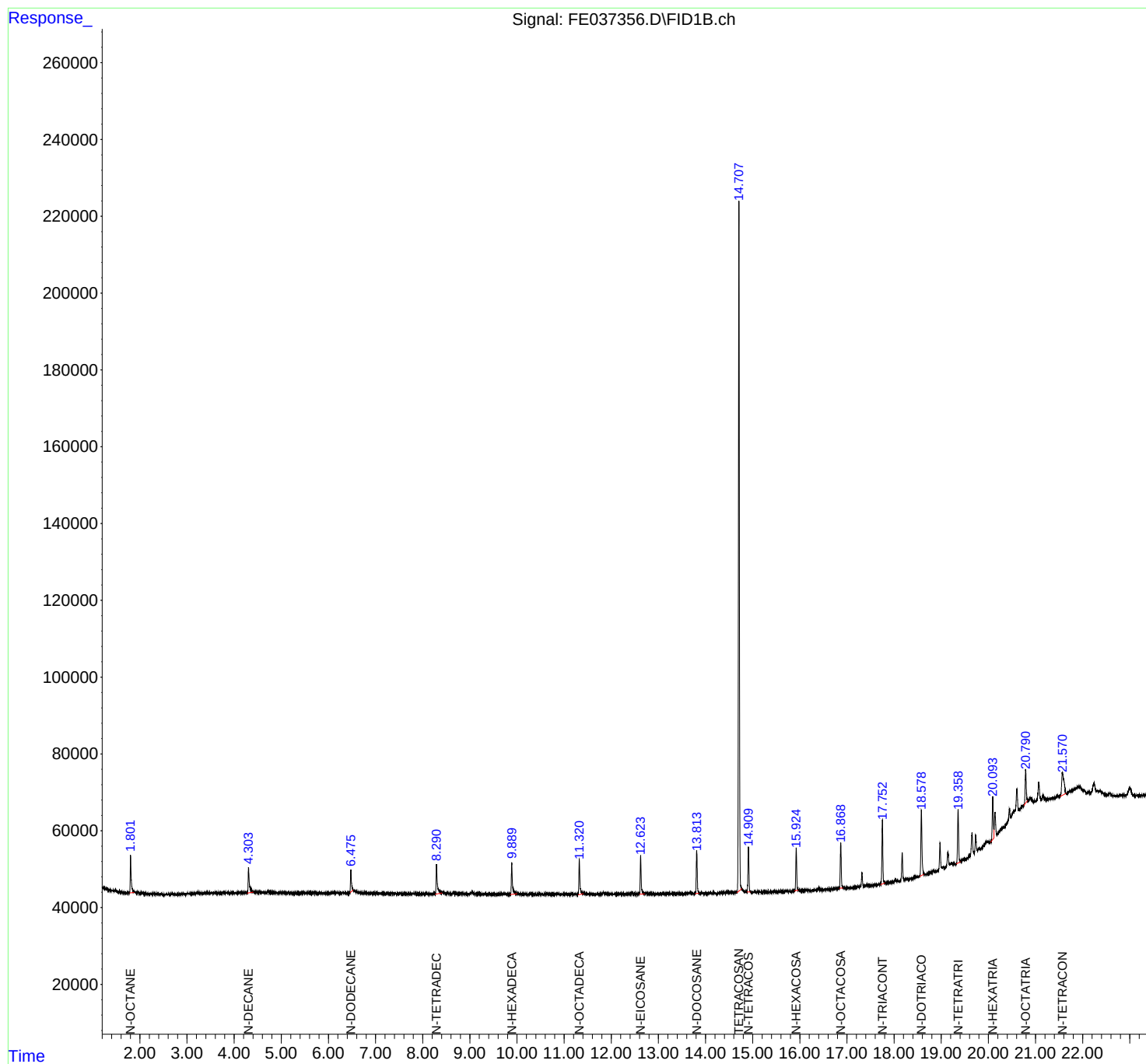
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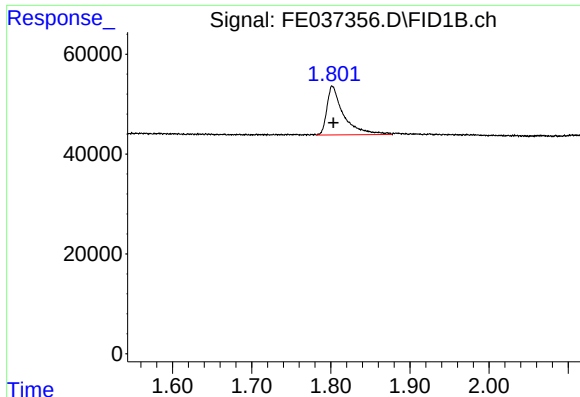
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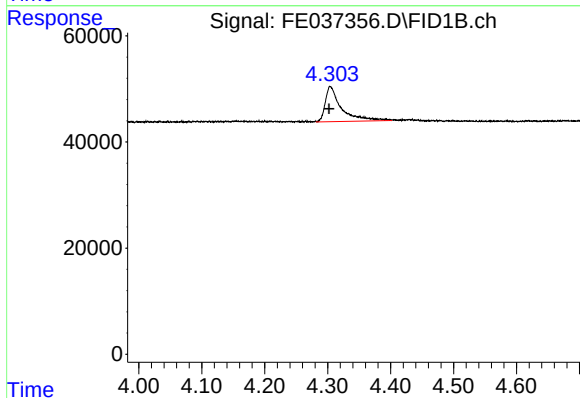
#1 N-OCTANE

R.T.: 1.801 min
Delta R.T.: -0.002 min
Response: 143144
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-SOIL-06-QT3-2022

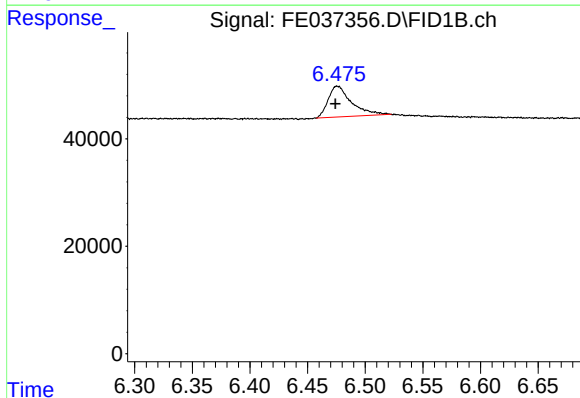
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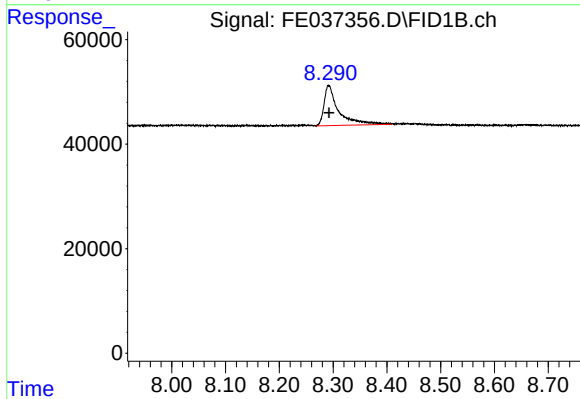
#2 N-DECANE

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 118093
Conc: 0.75 ug/ml m



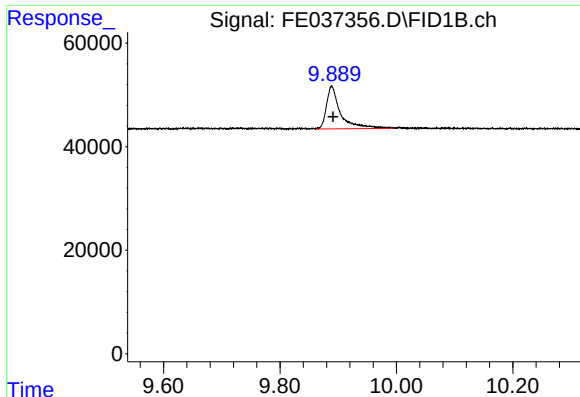
#3 N-DODECANE

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 80402
Conc: 0.49 ug/ml m



#4 N-TETRADECANE

R.T.: 8.290 min
Delta R.T.: -0.002 min
Response: 145798
Conc: 0.87 ug/ml m



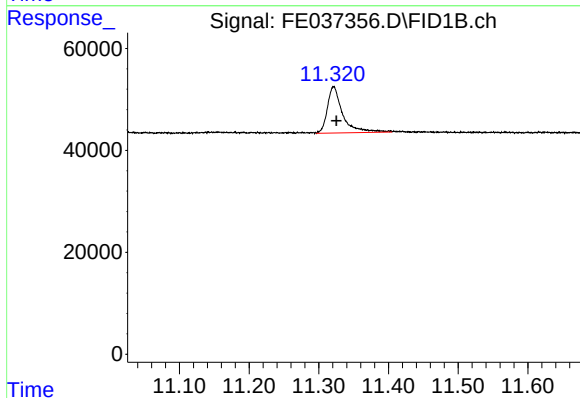
#5 N-HEXADECANE

R.T.: 9.889 min
Delta R.T.: -0.002 min
Response: 138105
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :
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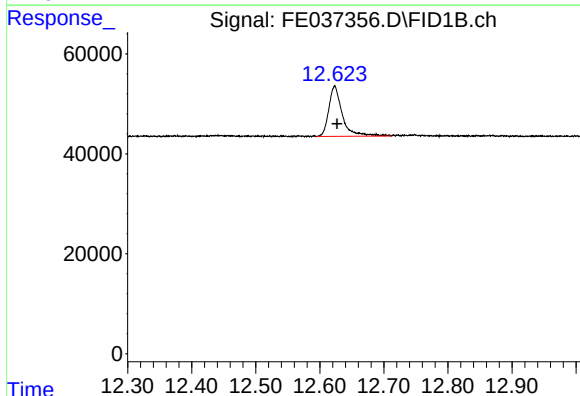
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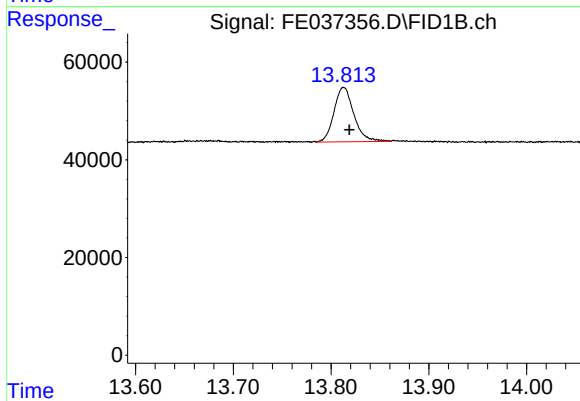
#6 N-OCTADECANE

R.T.: 11.320 min
Delta R.T.: -0.005 min
Response: 139016
Conc: 0.81 ug/ml m



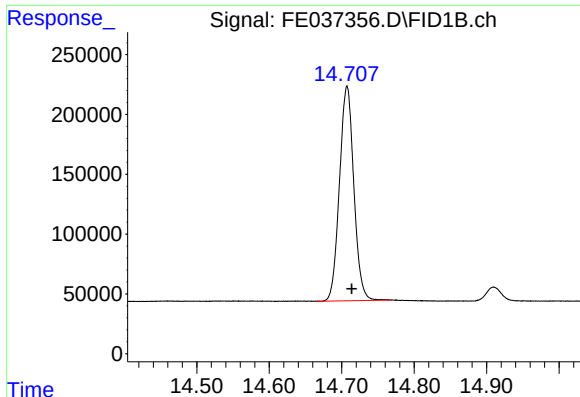
#7 N-EICOSANE

R.T.: 12.623 min
Delta R.T.: -0.003 min
Response: 148049
Conc: 0.87 ug/ml m



#8 N-DOCOSANE

R.T.: 13.813 min
Delta R.T.: -0.006 min
Response: 157575
Conc: 0.95 ug/ml m



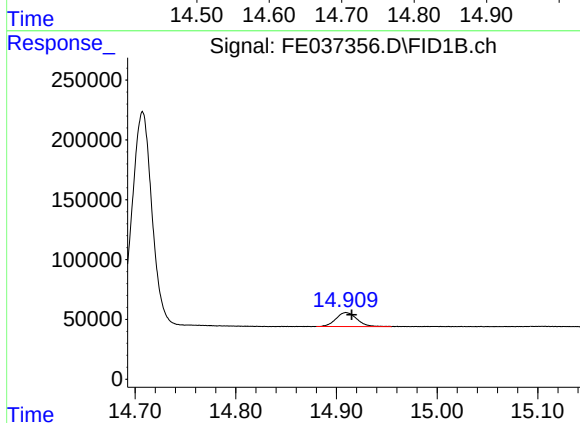
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.707 min
Delta R.T.: -0.006 min
Response: 2468887
Conc: 17.23 ug/ml

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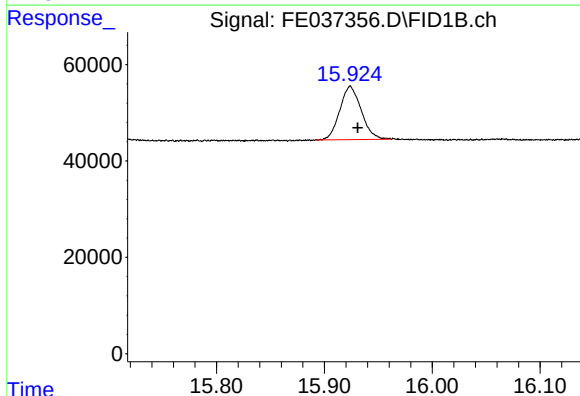
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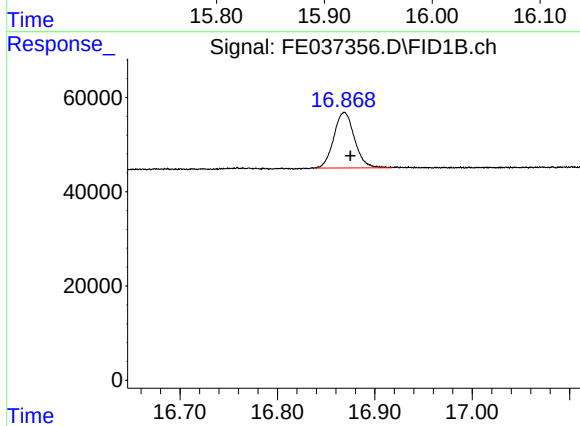
#10 N-TETRACOSANE

R.T.: 14.910 min
Delta R.T.: -0.006 min
Response: 168135
Conc: 1.03 ug/ml



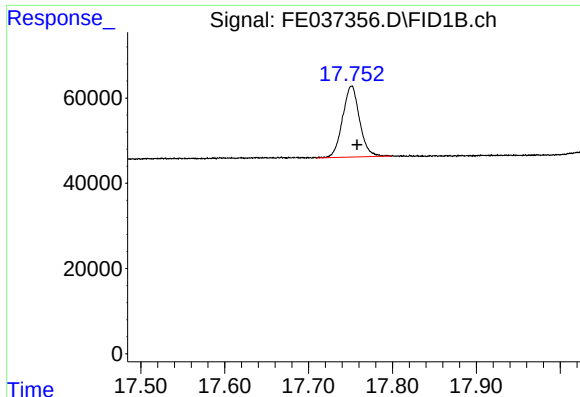
#11 N-HEXACOSANE

R.T.: 15.924 min
Delta R.T.: -0.007 min
Response: 153463
Conc: 0.97 ug/ml



#12 N-OCTACOSANE

R.T.: 16.869 min
Delta R.T.: -0.006 min
Response: 174083
Conc: 1.13 ug/ml



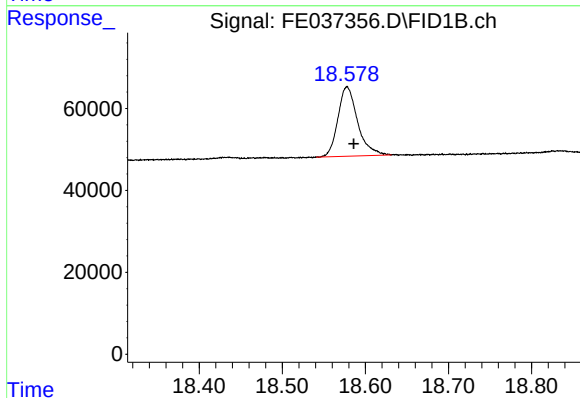
#13 N-TRIACONTANE

R.T.: 17.752 min
Delta R.T.: -0.005 min
Response: 234923
Conc: 1.55 ug/ml

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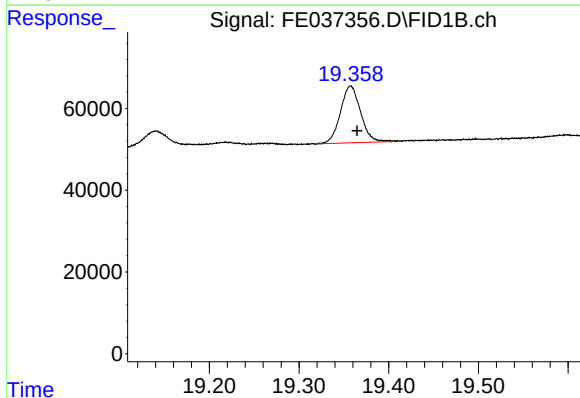
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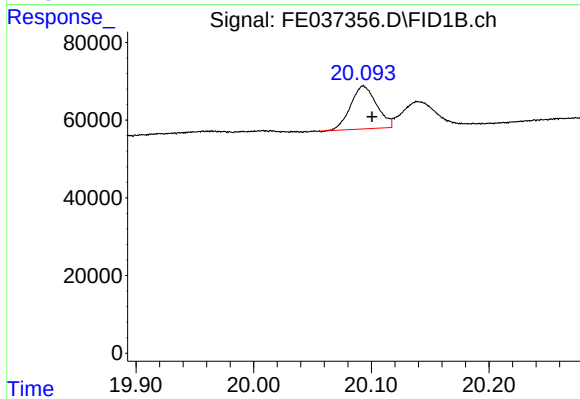
#14 N-DOTRIACONTANE

R.T.: 18.578 min
Delta R.T.: -0.008 min
Response: 279122
Conc: 1.87 ug/ml



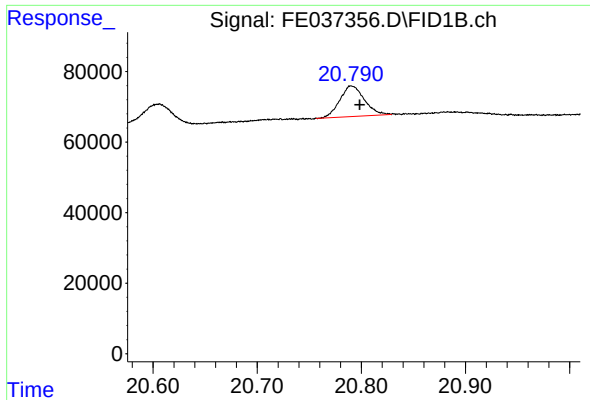
#15 N-TETRATRIACONTANE

R.T.: 19.358 min
Delta R.T.: -0.007 min
Response: 216492
Conc: 1.49 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.093 min
Delta R.T.: -0.007 min
Response: 169394
Conc: 1.24 ug/ml



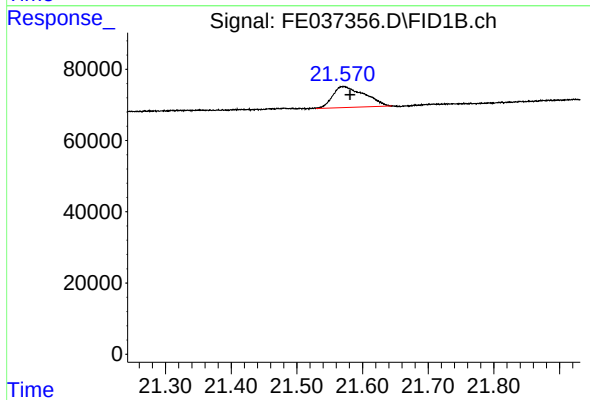
#17 N-OCTATRIACONTANE

R.T.: 20.790 min
Delta R.T.: -0.008 min
Response: 141887
Conc: 1.06 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.570 min
Delta R.T.: -0.011 min
Response: 198968
Conc: 1.44 ug/ml m