

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083122\
 Data File : FE037357.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2022 15:13
 Operator : YP\AJ
 Sample : N3980-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-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 09:26:30 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...	14.705	2249235	15.700 ug/ml
Target Compounds			
1) N-OCTANE	1.802	130834	0.861 ug/mlm
2) N-DECANE	4.304	96721	0.614 ug/mlm
3) N-DODECANE	6.473	85830	0.527 ug/mlm
4) N-TETRADECANE	8.290	126261	0.753 ug/mlm
5) N-HEXADECANE	9.889	120611	0.708 ug/mlm
6) N-OCTADECANE	11.320	126013	0.734 ug/mlm
7) N-EICOSANE	12.622	135344	0.795 ug/mlm
8) N-DOCOSANE	13.812	146738	0.886 ug/ml
10) N-TETRACOSANE	14.908	157831	0.964 ug/ml
11) N-HEXACOSANE	15.922	147565	0.929 ug/ml
12) N-OCTACOSANE	16.868	163433	1.061 ug/ml
13) N-TRIACONTANE	17.750	223795	1.474 ug/ml
14) N-DOTRIACONTANE	18.579	364297	2.436 ug/ml
15) N-TETRATRIACONTANE	19.358	211131	1.452 ug/ml
16) N-HEXATRIACONTANE	20.094	163958	1.200 ug/ml
17) N-OCTATRIACONTANE	20.791	144156	1.082 ug/ml
18) N-TETRACONTANE	21.604	1026420	7.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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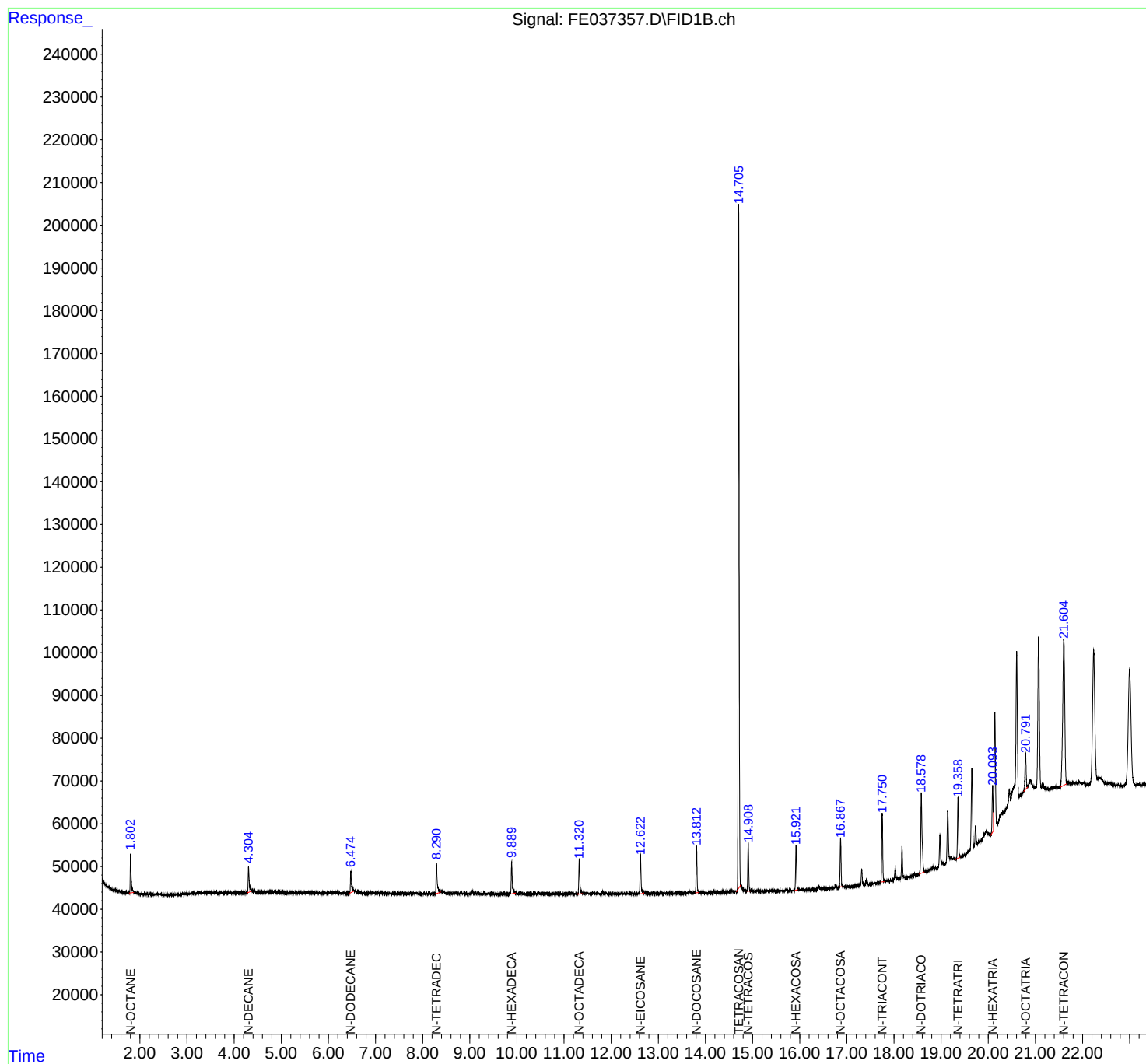
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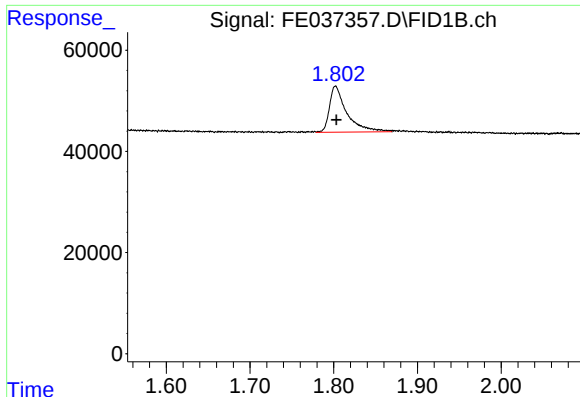
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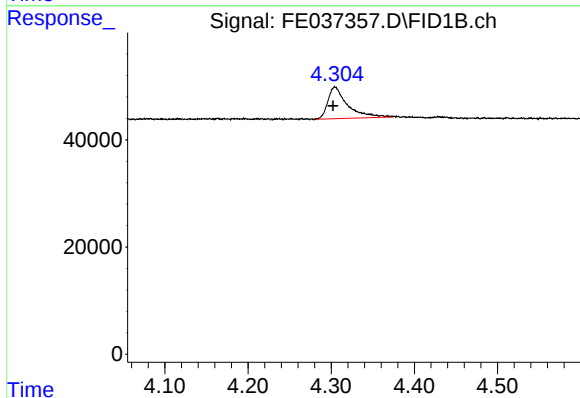
#1 N-OCTANE

R.T.: 1.802 min
Delta R.T.: 0.000 min
Response: 130834
Conc: 0.86 ug/ml

Instrument :
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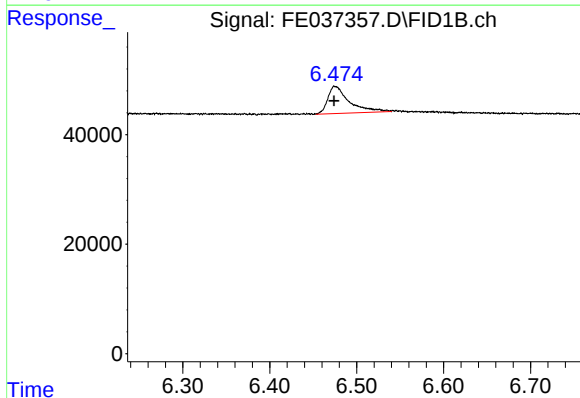
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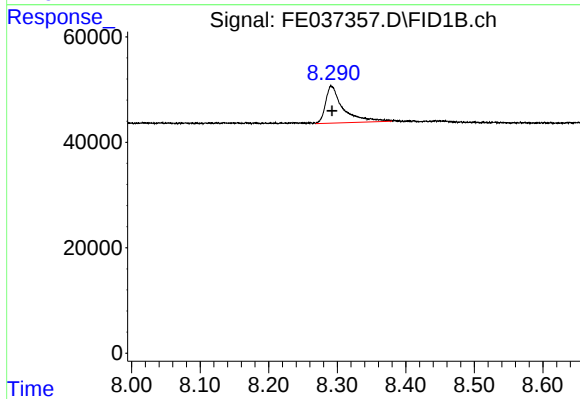
#2 N-DECANE

R.T.: 4.304 min
Delta R.T.: 0.001 min
Response: 96721
Conc: 0.61 ug/ml m



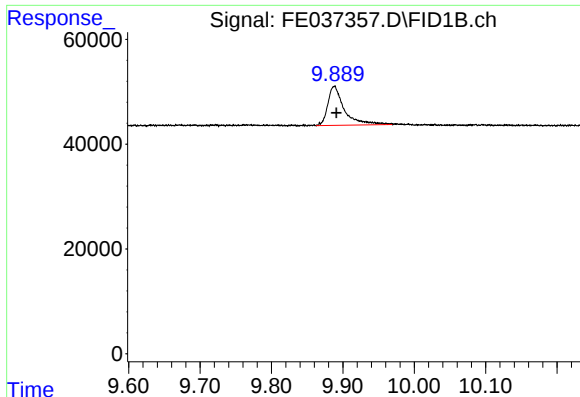
#3 N-DODECANE

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 85830
Conc: 0.53 ug/ml m



#4 N-TETRADECANE

R.T.: 8.290 min
Delta R.T.: -0.002 min
Response: 126261
Conc: 0.75 ug/ml m



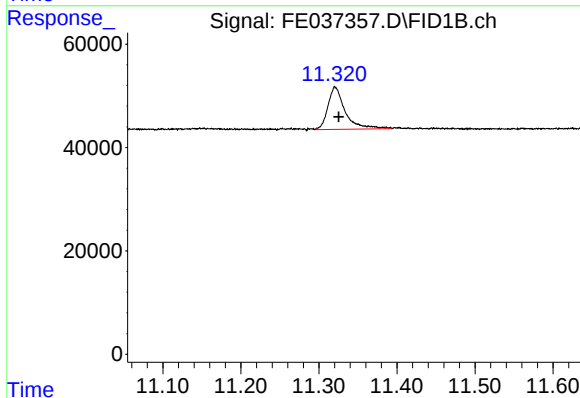
#5 N-HEXADECANE

R.T.: 9.889 min
Delta R.T.: -0.002 min
Response: 120611
Conc: 0.71 ug/ml

Instrument :
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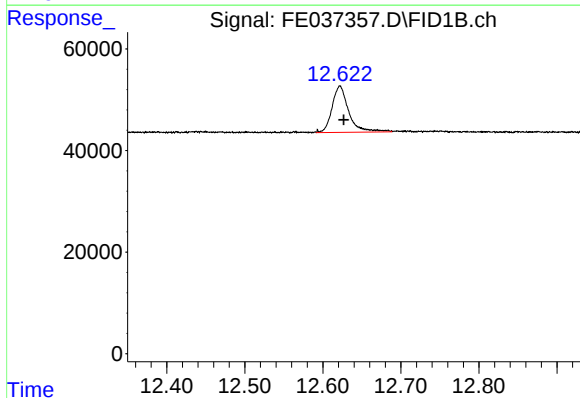
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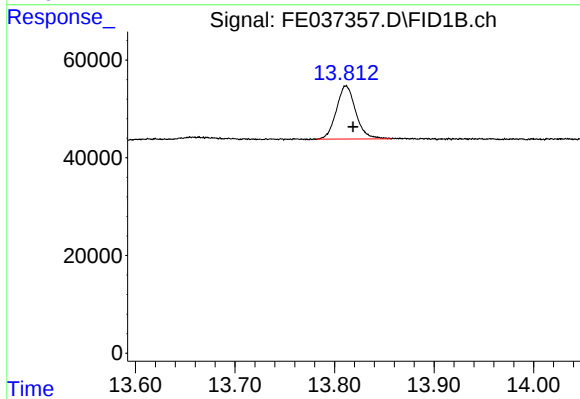
#6 N-OCTADECANE

R.T.: 11.320 min
Delta R.T.: -0.006 min
Response: 126013
Conc: 0.73 ug/ml m



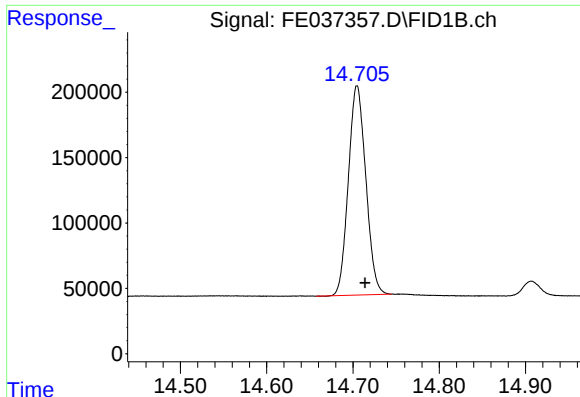
#7 N-EICOSANE

R.T.: 12.622 min
Delta R.T.: -0.005 min
Response: 135344
Conc: 0.80 ug/ml m



#8 N-DOCOSANE

R.T.: 13.812 min
Delta R.T.: -0.006 min
Response: 146738
Conc: 0.89 ug/ml



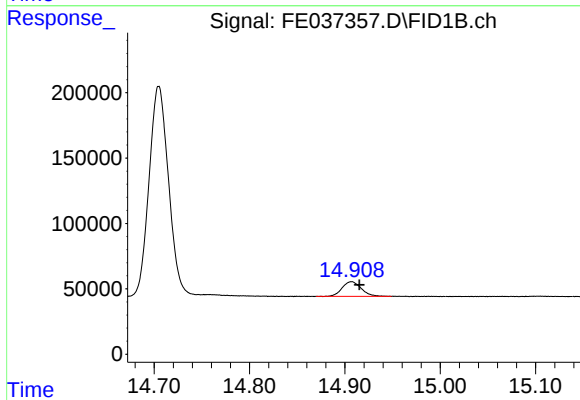
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.705 min
Delta R.T.: -0.009 min
Response: 2249235
Conc: 15.70 ug/ml

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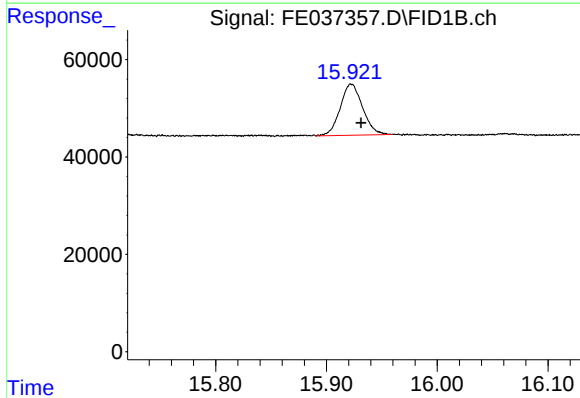
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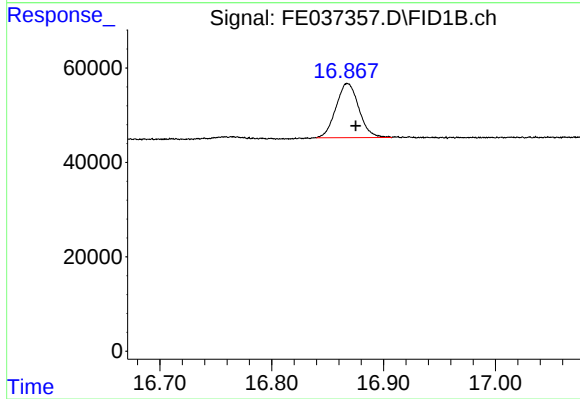
#10 N-TETRACOSANE

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 157831
Conc: 0.96 ug/ml



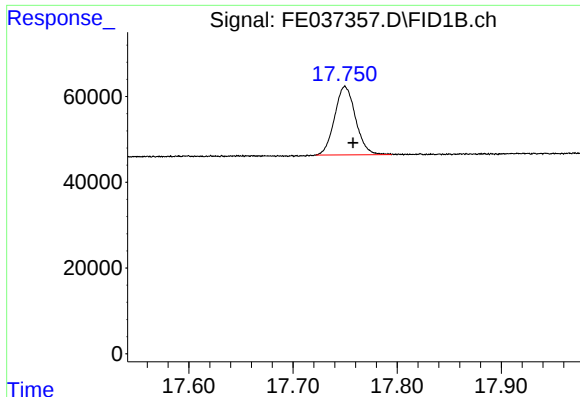
#11 N-HEXACOSANE

R.T.: 15.922 min
Delta R.T.: -0.009 min
Response: 147565
Conc: 0.93 ug/ml



#12 N-OCTACOSANE

R.T.: 16.868 min
Delta R.T.: -0.007 min
Response: 163433
Conc: 1.06 ug/ml



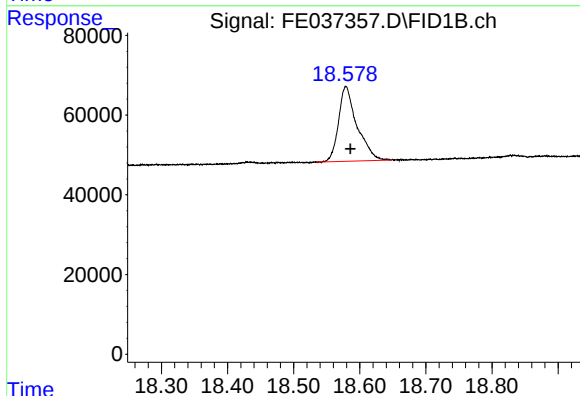
#13 N-TRIACONTANE

R.T.: 17.750 min
Delta R.T.: -0.008 min
Response: 223795
Conc: 1.47 ug/ml

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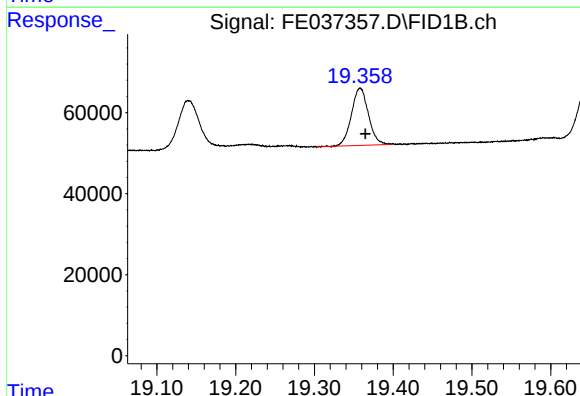
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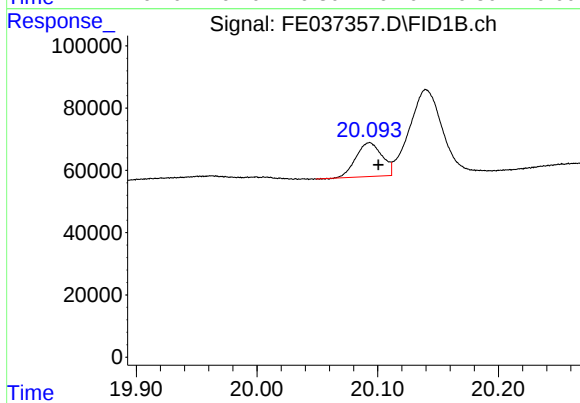
#14 N-DOTRIACONTANE

R.T.: 18.579 min
Delta R.T.: -0.007 min
Response: 364297
Conc: 2.44 ug/ml



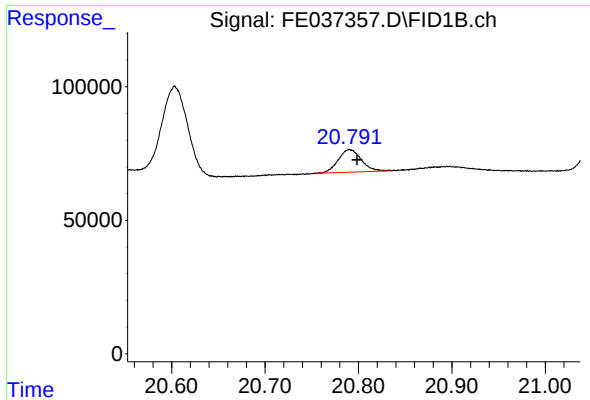
#15 N-TETRATRIACONTANE

R.T.: 19.358 min
Delta R.T.: -0.007 min
Response: 211131
Conc: 1.45 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.094 min
Delta R.T.: -0.007 min
Response: 163958
Conc: 1.20 ug/ml



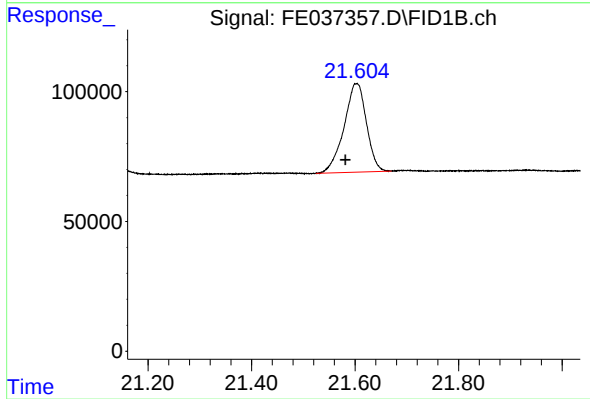
#17 N-OCTATRIACONTANE

R.T.: 20.791 min
Delta R.T.: -0.008 min
Response: 144156
Conc: 1.08 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.604 min
Delta R.T.: 0.023 min
Response: 1026420
Conc: 7.45 ug/ml