

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048061.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 00:26
 Operator : YP\AJ
 Sample : P2403-04
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 01:57:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 01:45:53 2024
 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...	15.049	2592954	22.492 ug/ml
Target Compounds			
1) N-OCTANE	2.078	371910	2.634 ug/ml
2) N-DECANE	4.598	418358	3.012 ug/ml
3) N-DODECANE	6.764	407047	2.965 ug/ml
4) N-TETRADECANE	8.592	411520	3.026 ug/ml
5) N-HEXADECANE	10.198	387859	2.891 ug/ml
6) N-OCTADECANE	11.641	393453	2.914 ug/ml
7) N-EICOSANE	12.951	409501	2.997 ug/ml
8) N-DOCOSANE	14.149	410477	3.118 ug/ml
10) N-TETRACOSANE	15.252	417501	3.189 ug/ml
11) N-HEXACOSANE	16.272	411570	3.163 ug/ml
12) N-OCTACOSANE	17.222	430172	3.330 ug/ml
13) N-TRIACONTANE	18.108	513242	3.861 ug/ml
14) N-DOTRIACONTANE	18.941	679259	4.736 ug/ml
15) N-TETRATRIACONTANE	19.723	641423	4.750 ug/ml
16) N-HEXATRIACONTANE	20.463	684992	5.173 ug/mlm
17) N-OCTATRIACONTANE	21.202	664378	5.347 ug/ml
18) N-TETRACONTANE	22.126	677263	5.369 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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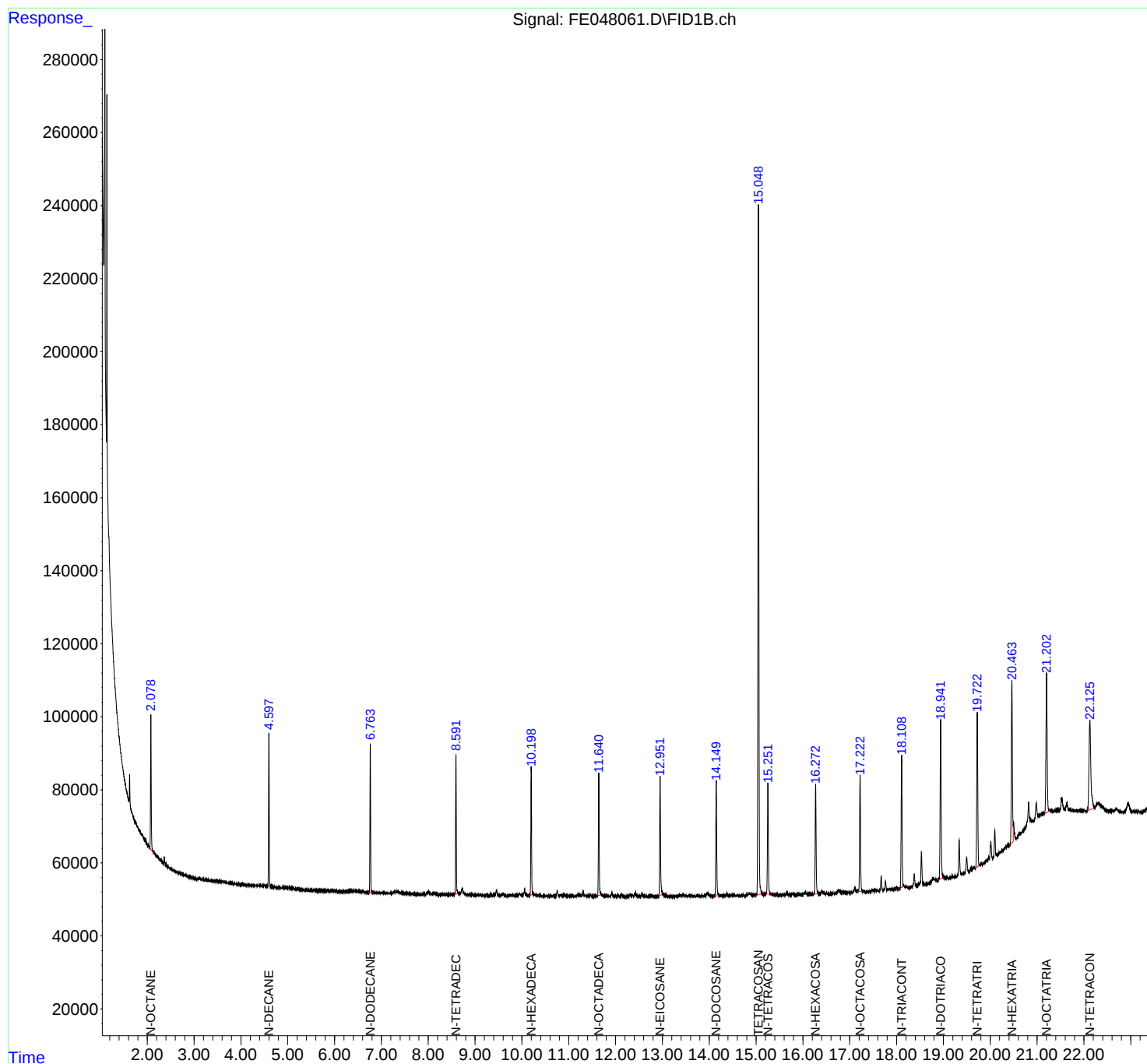
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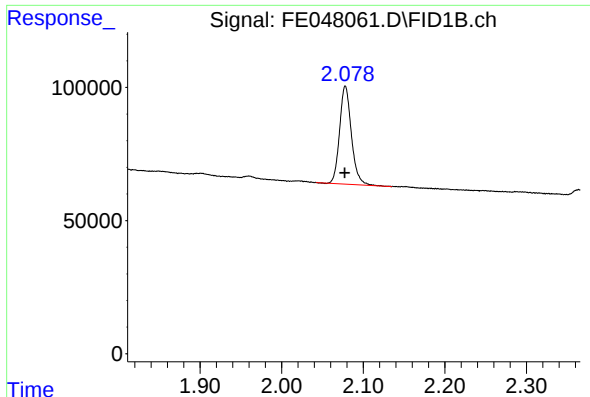
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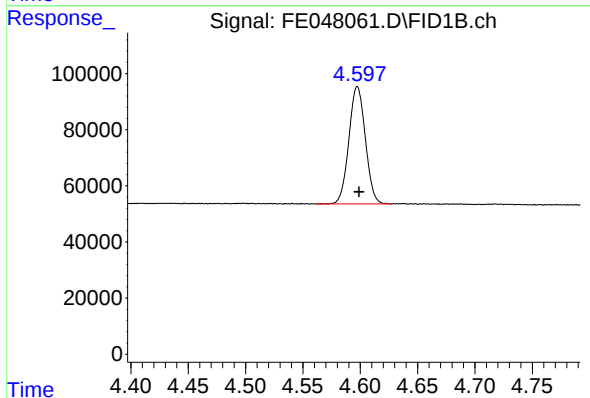
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.001 min
Response: 371910
Conc: 2.63 ug/ml

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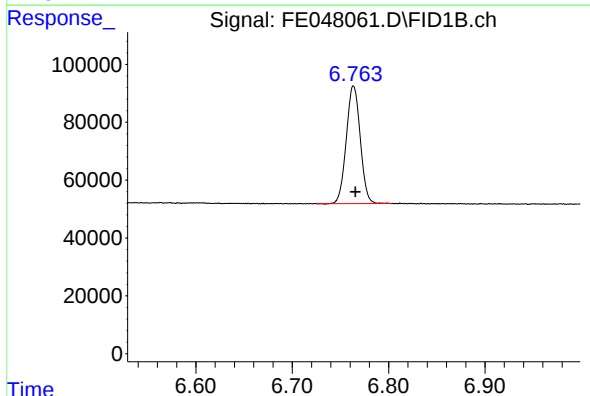
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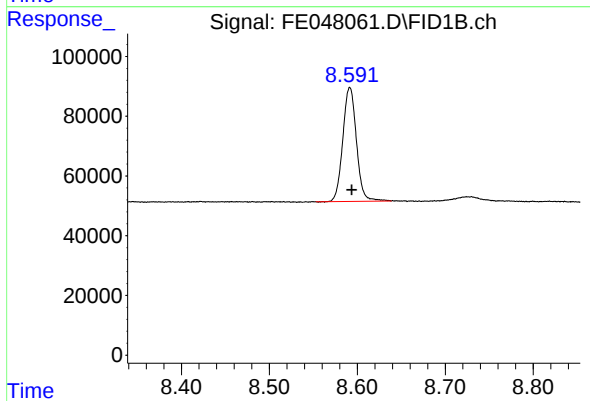
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 418358
Conc: 3.01 ug/ml



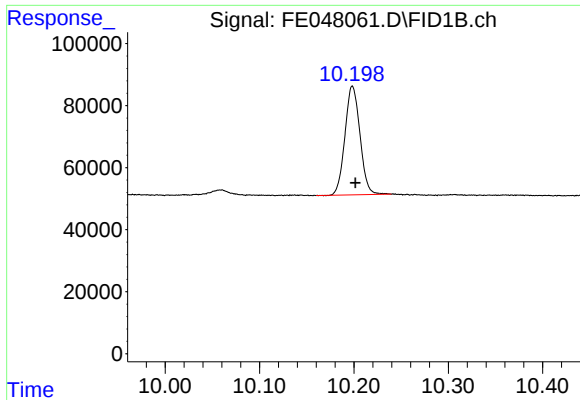
#3 N-DODECANE

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 407047
Conc: 2.96 ug/ml



#4 N-TETRADECANE

R.T.: 8.592 min
Delta R.T.: -0.002 min
Response: 411520
Conc: 3.03 ug/ml



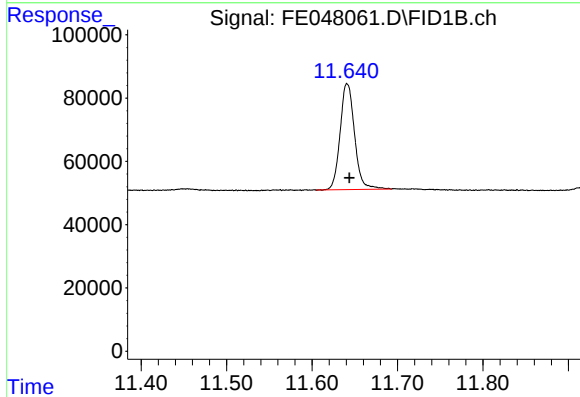
#5 N-HEXADECANE

R.T.: 10.198 min
Delta R.T.: -0.003 min
Response: 387859
Conc: 2.89 ug/ml

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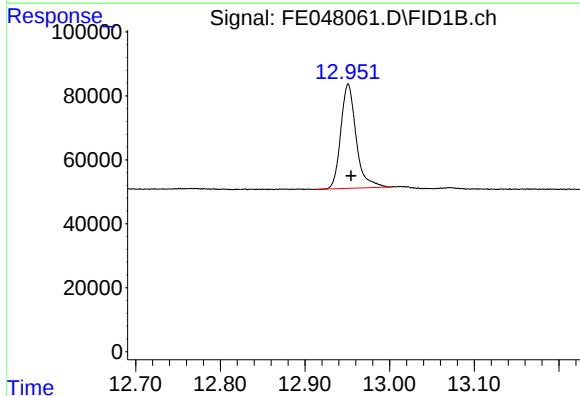
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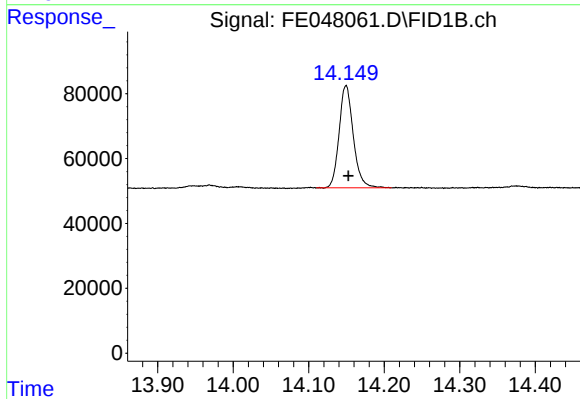
#6 N-OCTADECANE

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 393453
Conc: 2.91 ug/ml



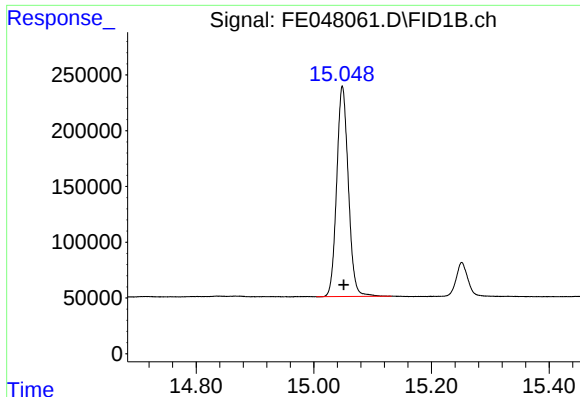
#7 N-EICOSANE

R.T.: 12.951 min
Delta R.T.: -0.003 min
Response: 409501
Conc: 3.00 ug/ml



#8 N-DOCOSANE

R.T.: 14.149 min
Delta R.T.: -0.003 min
Response: 410477
Conc: 3.12 ug/ml



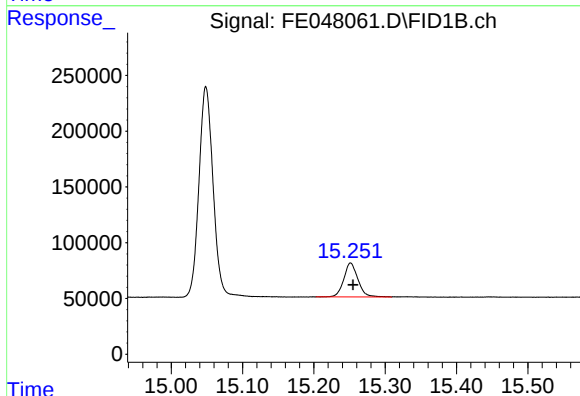
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.049 min
Delta R.T.: -0.002 min
Response: 2592954
Conc: 22.49 ug/ml

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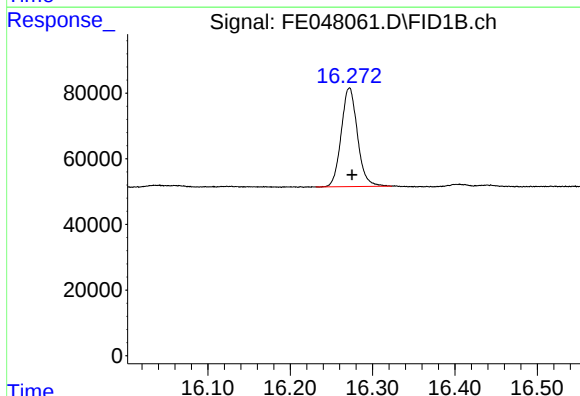
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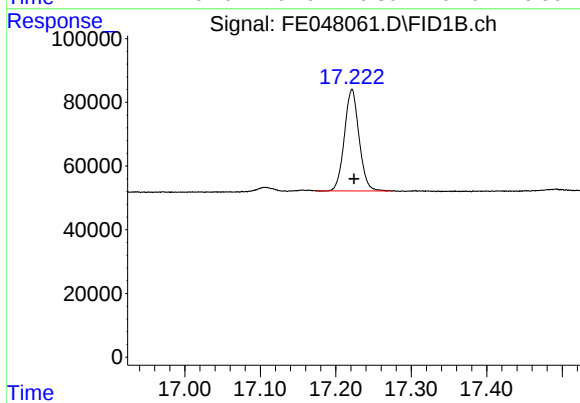
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.003 min
Response: 417501
Conc: 3.19 ug/ml



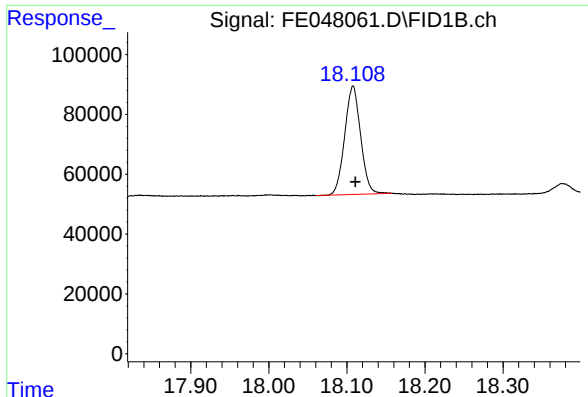
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: -0.003 min
Response: 411570
Conc: 3.16 ug/ml



#12 N-OCTACOSANE

R.T.: 17.222 min
Delta R.T.: -0.003 min
Response: 430172
Conc: 3.33 ug/ml



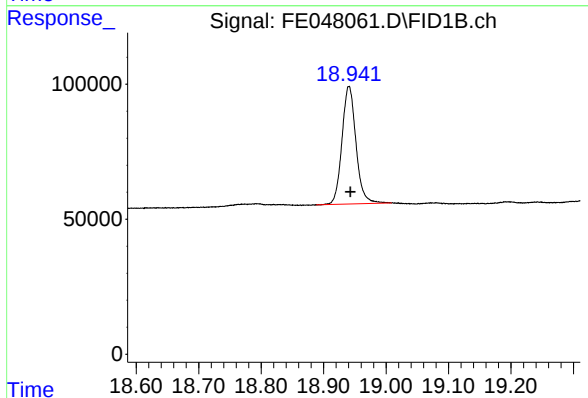
#13 N-TRIACONTANE

R.T.: 18.108 min
Delta R.T.: -0.003 min
Response: 513242
Conc: 3.86 ug/ml

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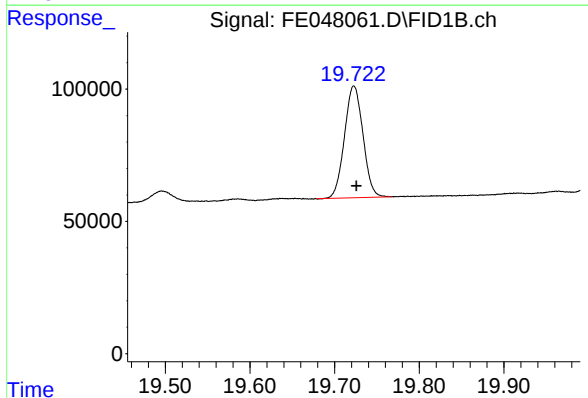
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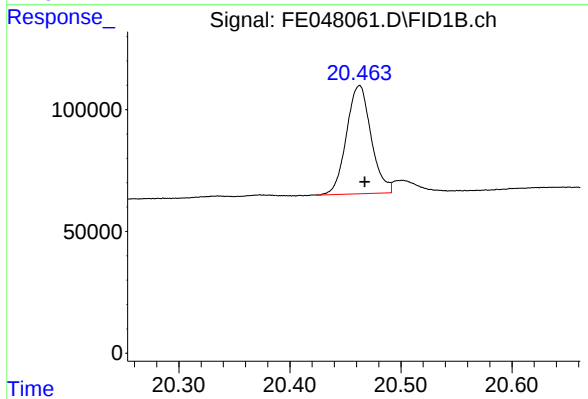
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: -0.003 min
Response: 679259
Conc: 4.74 ug/ml



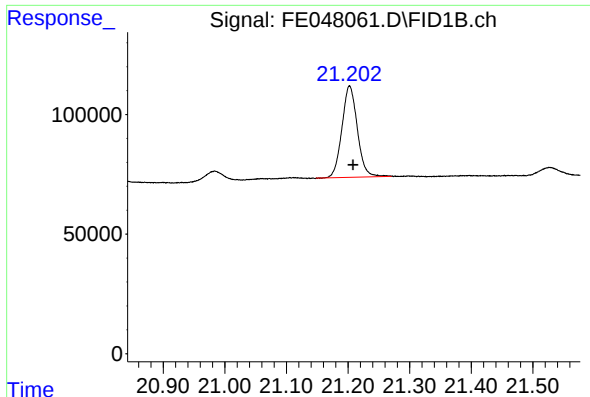
#15 N-TETRATRIACONTANE

R.T.: 19.723 min
Delta R.T.: -0.003 min
Response: 641423
Conc: 4.75 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.463 min
Delta R.T.: -0.004 min
Response: 684992
Conc: 5.17 ug/ml m



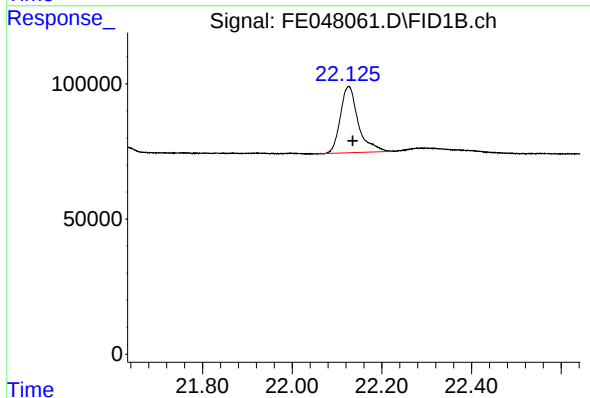
#17 N-OCTATRIACONTANE

R.T.: 21.202 min
Delta R.T.: -0.006 min
Response: 664378
Conc: 5.35 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.126 min
Delta R.T.: -0.009 min
Response: 677263
Conc: 5.37 ug/ml