

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072922\
 Data File : FE036761.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2022 20:04
 Operator : YP\AJ
 Sample : N3914-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 METRO-DISPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e
 Quant Time: Jul 28 21:32:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072822.M
 Quant Title :
 QLast Update : Thu Jul 28 04:33:35 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...	14.918	6389710	52.336 ug/mlm
Target Compounds			
1) N-OCTANE	1.951	2006234	14.819 ug/ml
2) N-DECANE	4.484	2825195	21.296 ug/ml
3) N-DODECANE	6.654	3751328	27.610 ug/mlm
4) N-TETRADECANE	8.488	4589269	33.353 ug/mlm
5) N-HEXADECANE	10.105	12105982	87.287 ug/mlm
6) N-OCTADECANE	11.539	4811438	34.144 ug/mlm
7) N-EICOSANE	12.817	16354004	115.327 ug/mlm
8) N-DOCOSANE	14.052	4503088	32.357 ug/mlm
10) N-TETRACOSANE	15.176	93987726	671.165 ug/mlm
11) N-HEXACOSANE	16.175	5382828	39.660 ug/mlm
12) N-OCTACOSANE	17.148	65415988	493.987 ug/mlm
13) N-TRIACONTANE	18.011	5949539	45.847 ug/mlm
14) N-DOTRIACONTANE	18.842	3779546	29.784 ug/mlm
15) N-TETRATRIACONTANE	19.629	1860552	15.096 ug/mlm
16) N-HEXATRIACONTANE	20.315	29962458	263.398 ug/mlm
17) N-OCTATRIACONTANE	21.090	1375964	12.160 ug/mlm
18) N-TETRACONTANE	21.978	3256862	26.131 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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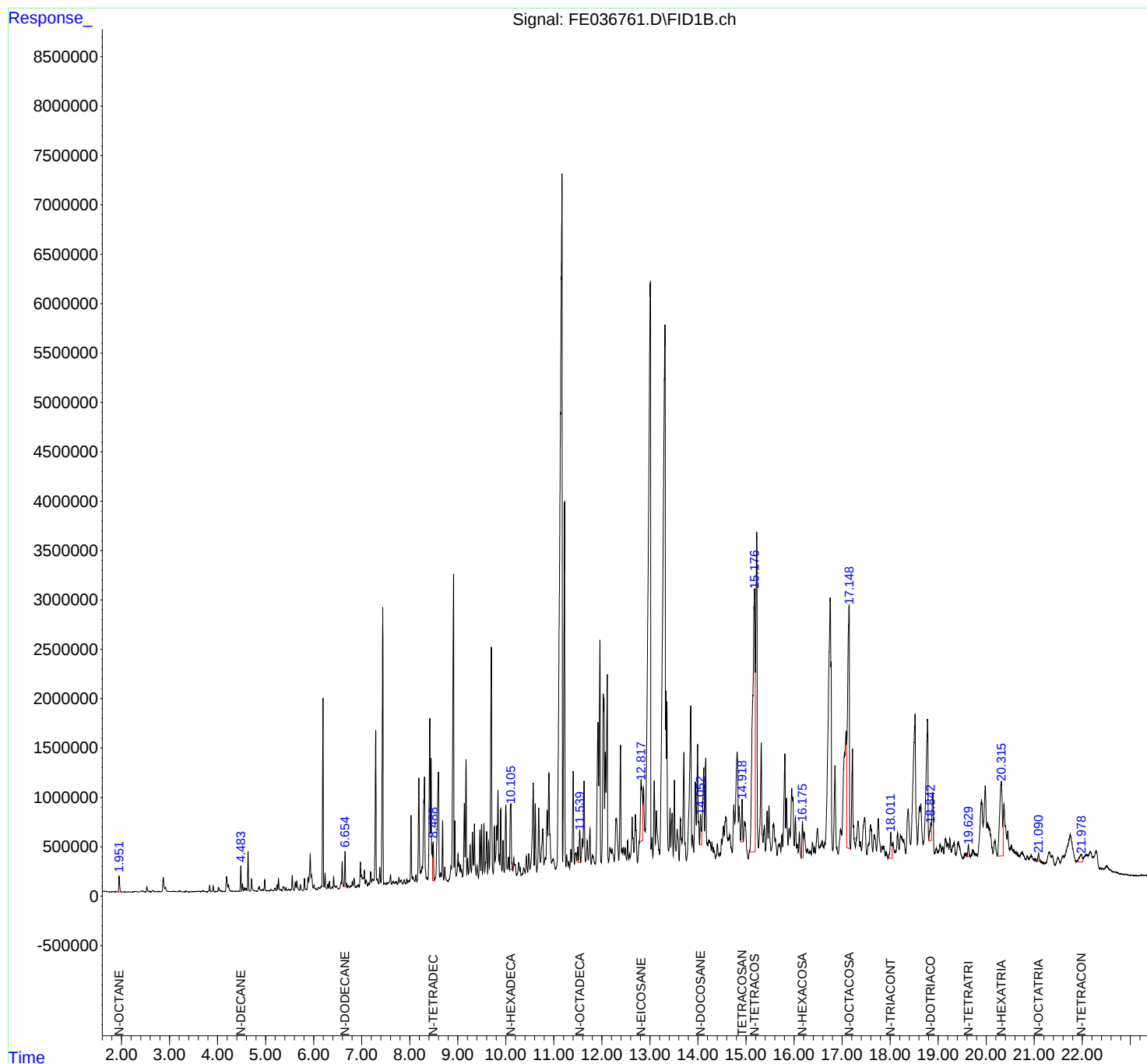
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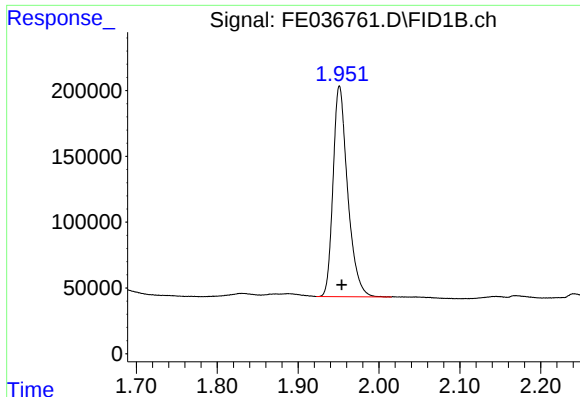
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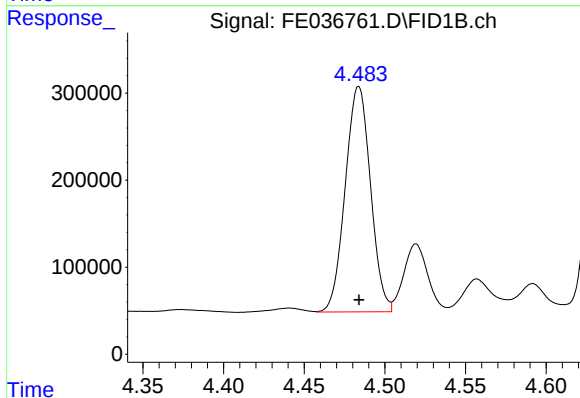
#1 N-OCTANE

R.T.: 1.951 min
Delta R.T.: -0.003 min
Response: 2006234
Conc: 14.82 ug/ml

Instrument :
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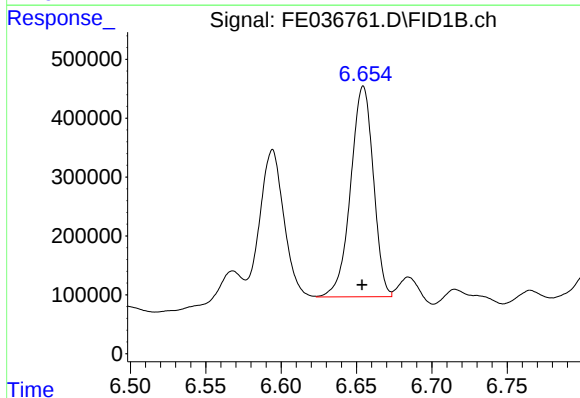
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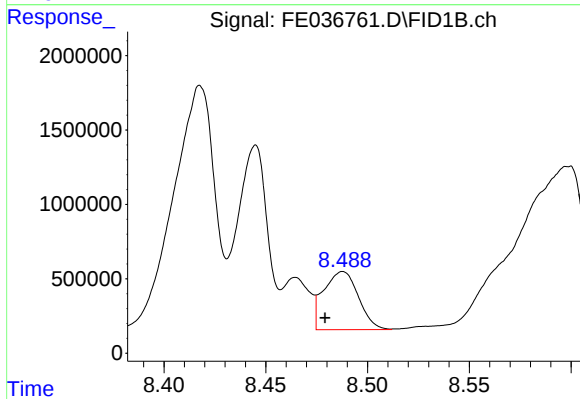
#2 N-DECANE

R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 2825195
Conc: 21.30 ug/ml



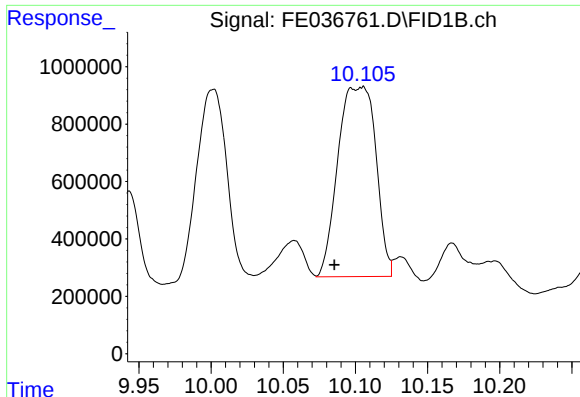
#3 N-DODECANE

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 3751328
Conc: 27.61 ug/ml m



#4 N-TETRADECANE

R.T.: 8.488 min
Delta R.T.: 0.008 min
Response: 4589269
Conc: 33.35 ug/ml m



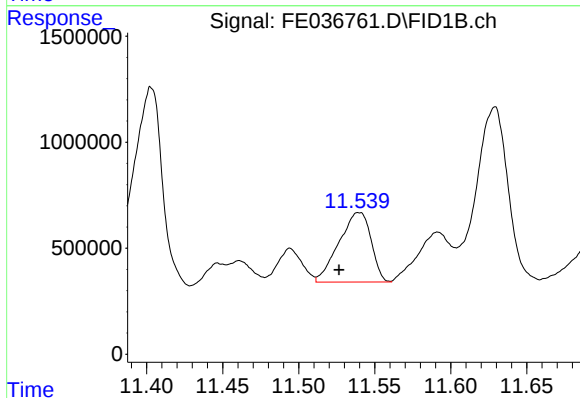
#5 N-HEXADECANE

R.T.: 10.105 min
Delta R.T.: 0.020 min
Response: 12105982
Conc: 87.29 ug/ml

Instrument :
FID_E
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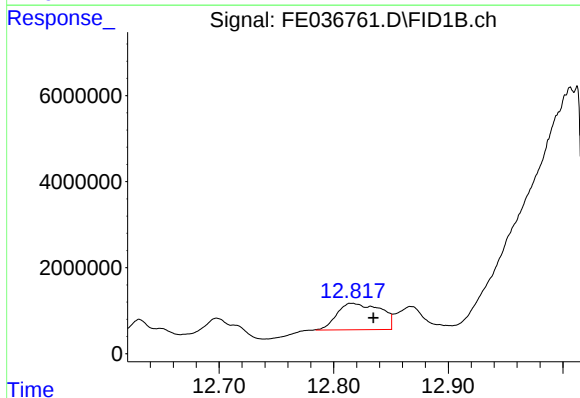
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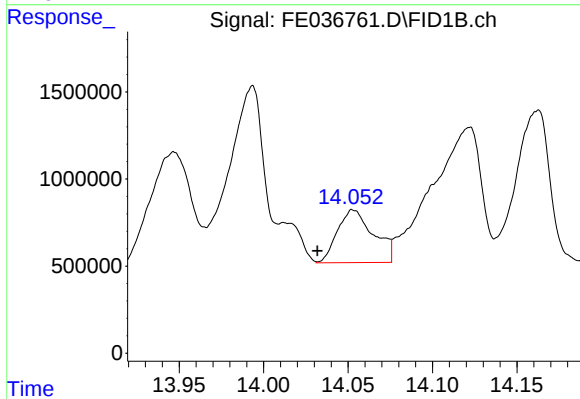
#6 N-OCTADECANE

R.T.: 11.539 min
Delta R.T.: 0.012 min
Response: 4811438
Conc: 34.14 ug/ml m



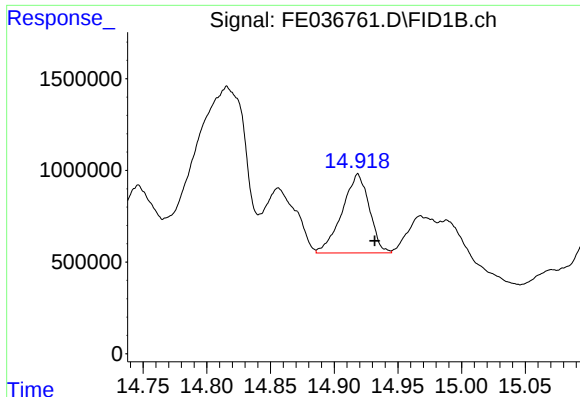
#7 N-EICOSANE

R.T.: 12.817 min
Delta R.T.: -0.018 min
Response: 16354004
Conc: 115.33 ug/ml m



#8 N-DOCOSANE

R.T.: 14.052 min
Delta R.T.: 0.020 min
Response: 4503088
Conc: 32.36 ug/ml m



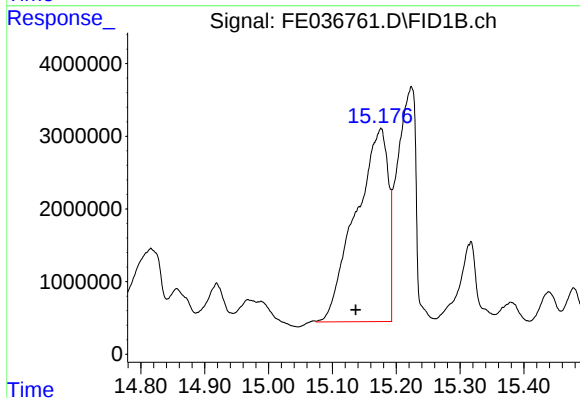
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.918 min
Delta R.T.: -0.013 min
Response: 6389710
Conc: 52.34 ug/ml

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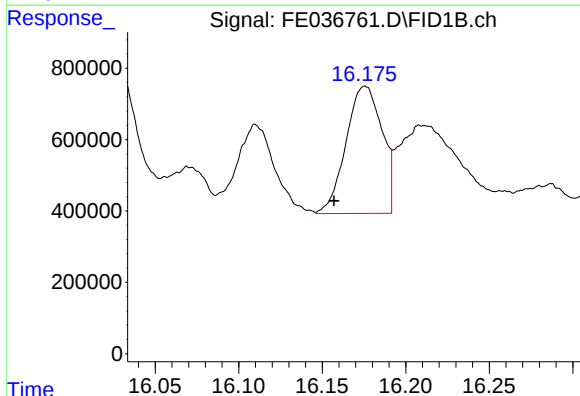
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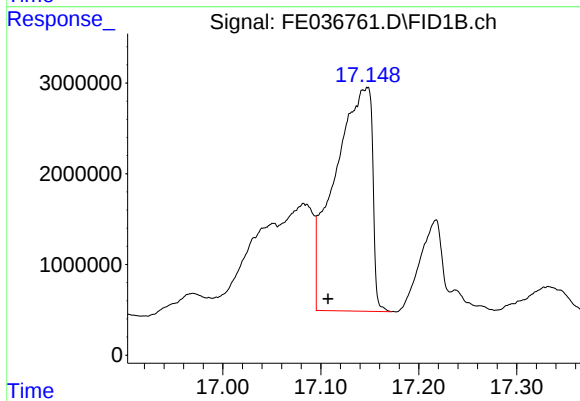
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: 0.039 min
Response: 93987726
Conc: 671.16 ug/ml m



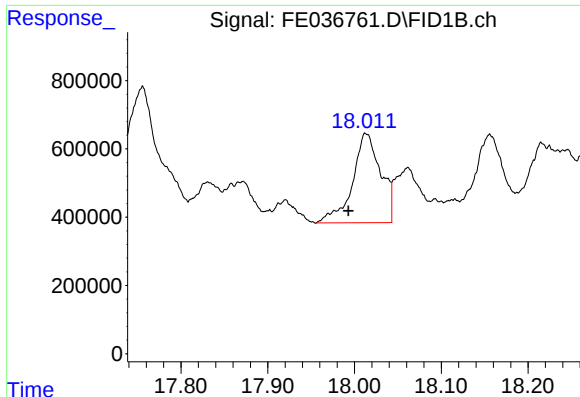
#11 N-HEXACOSANE

R.T.: 16.175 min
Delta R.T.: 0.018 min
Response: 5382828
Conc: 39.66 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.148 min
Delta R.T.: 0.041 min
Response: 65415988
Conc: 493.99 ug/ml m



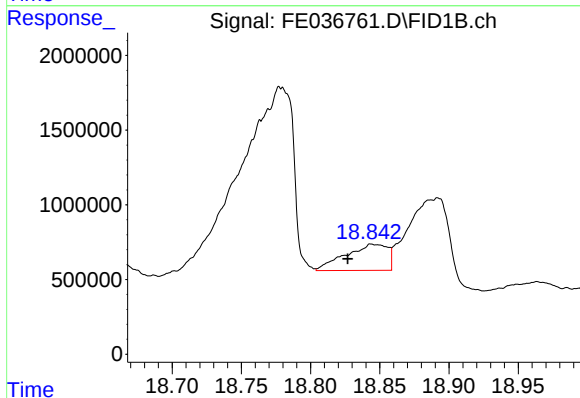
#13 N-TRIACONTANE

R.T.: 18.011 min
Delta R.T.: 0.019 min
Response: 5949539
Conc: 45.85 ug/ml

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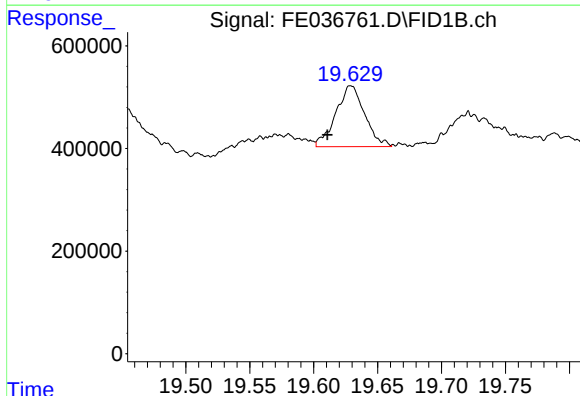
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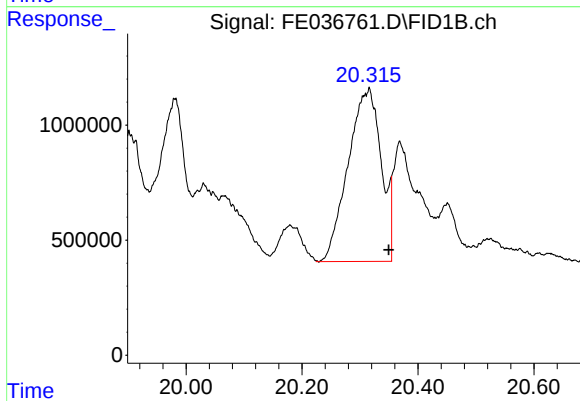
#14 N-DOTRIACONTANE

R.T.: 18.842 min
Delta R.T.: 0.016 min
Response: 3779546
Conc: 29.78 ug/ml m



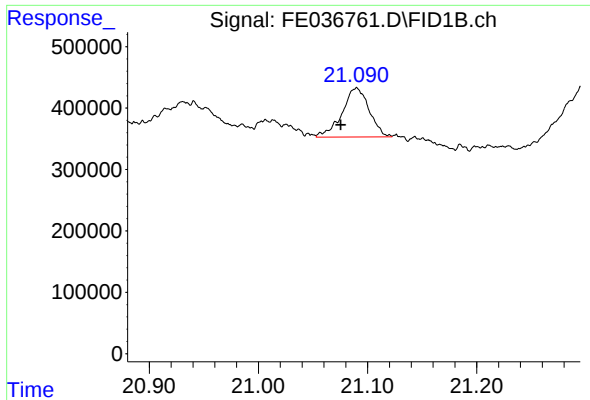
#15 N-TETRATRIACONTANE

R.T.: 19.629 min
Delta R.T.: 0.018 min
Response: 1860552
Conc: 15.10 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.315 min
Delta R.T.: -0.034 min
Response: 29962458
Conc: 263.40 ug/ml m



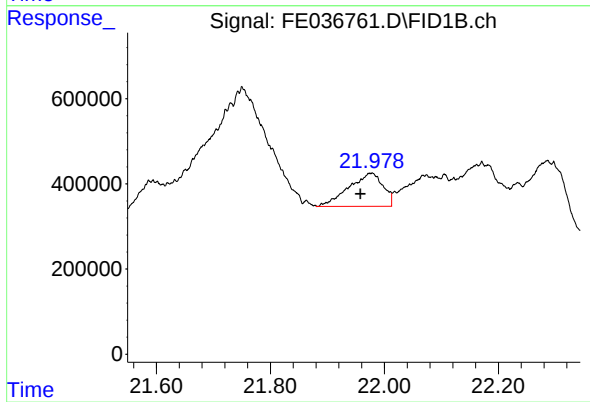
#17 N-OCTATRIACONTANE

R.T.: 21.090 min
Delta R.T.: 0.014 min
Response: 1375964
Conc: 12.16 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.978 min
Delta R.T.: 0.020 min
Response: 3256862
Conc: 26.13 ug/ml m