

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924\
 Data File : FE051704.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2024 10:00
 Operator : YP\AJ
 Sample : P5279-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ROCKAWAY-PARKMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2024
 Supervised By :Ankita Jodhani 12/20/2024

Integration File: Sample.e
 Quant Time: Dec 20 02:43:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE121824.M
 Quant Title :
 QLast Update : Thu Dec 19 02:46:15 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...	15.073	1781888	14.458 ug/mlm
Target Compounds			
1) N-OCTANE	2.214	1366394	12.592 ug/ml
2) N-DECANE	4.716	1697382	14.688 ug/ml
3) N-DODECANE	6.854	2676414	21.365 ug/ml
4) N-TETRADECANE	8.665	2940474	23.142 ug/ml
5) N-HEXADECANE	10.259	2468633	18.491 ug/ml
6) N-OCTADECANE	11.692	2591439	18.393 ug/ml
7) N-EICOSANE	12.992	3001943	21.527 ug/ml
8) N-DOCOSANE	14.182	2610661	18.926 ug/ml
10) N-TETRACOSANE	15.272	4476242	32.766 ug/ml
11) N-HEXACOSANE	16.291	2427289	18.228 ug/mlm
12) N-OCTACOSANE	17.234	2590231	19.867 ug/mlm
13) N-TRIACONTANE	18.115	2658385	20.641 ug/ml
14) N-DOTRIACONTANE	18.940	2294820	18.249 ug/ml
15) N-TETRATRIACONTANE	19.717	1987228	17.257 ug/ml
16) N-HEXATRIACONTANE	20.450	2001609	19.577 ug/ml
17) N-OCTATRIACONTANE	21.186	1937292	19.954 ug/mlm
18) N-TETRACONTANE	22.110	1993860	20.478 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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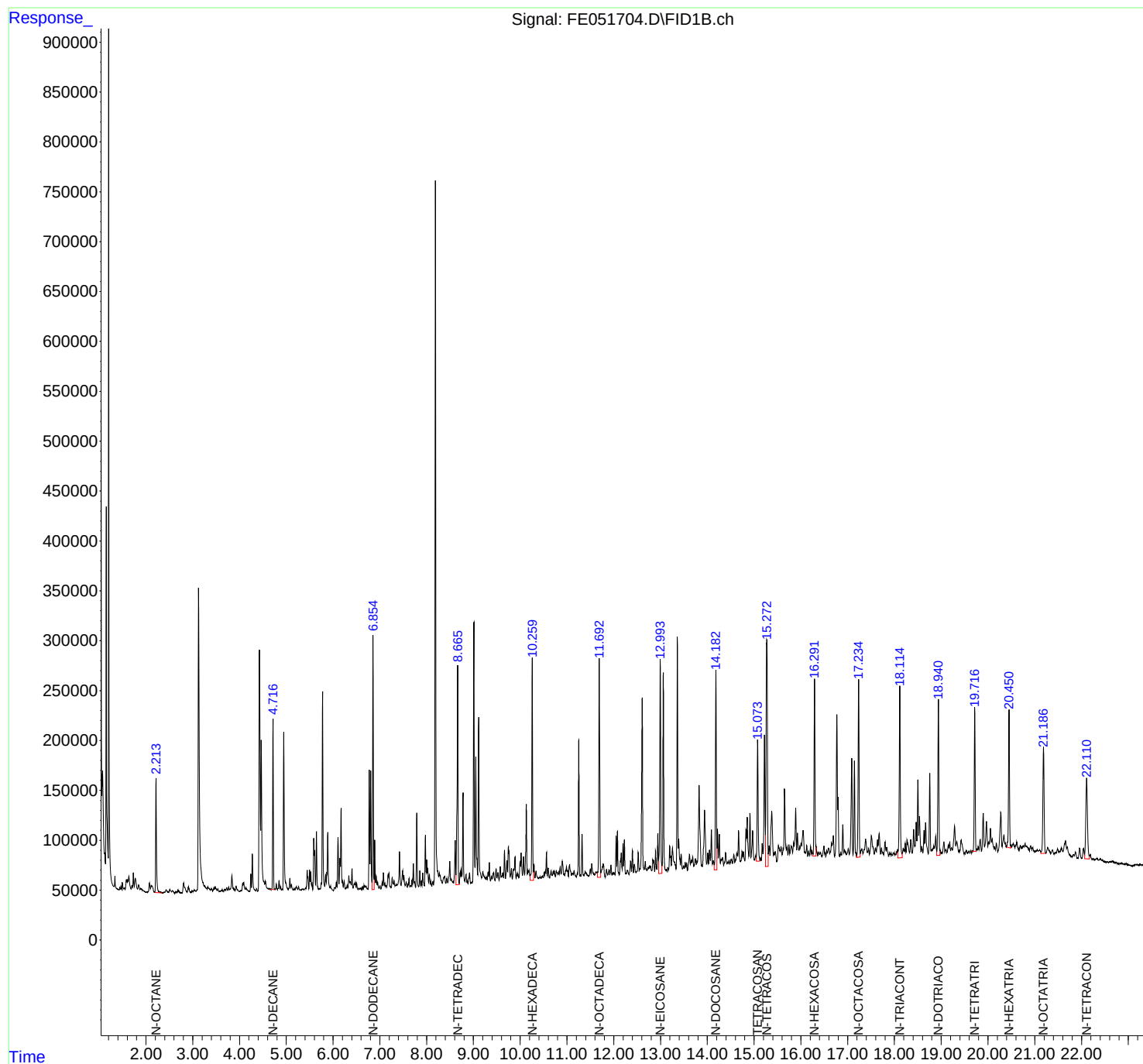
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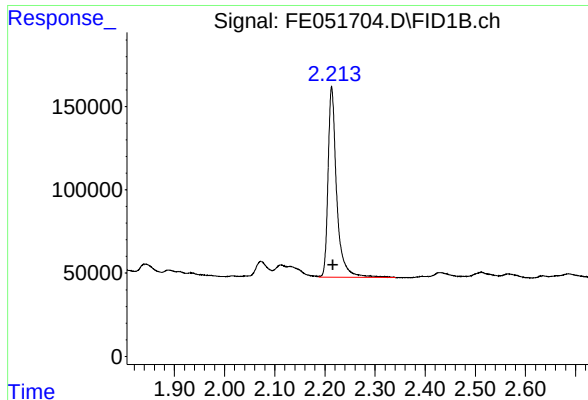
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.214 min
Delta R.T.: -0.002 min
Response: 1366394
Conc: 12.59 ug/ml

Instrument :

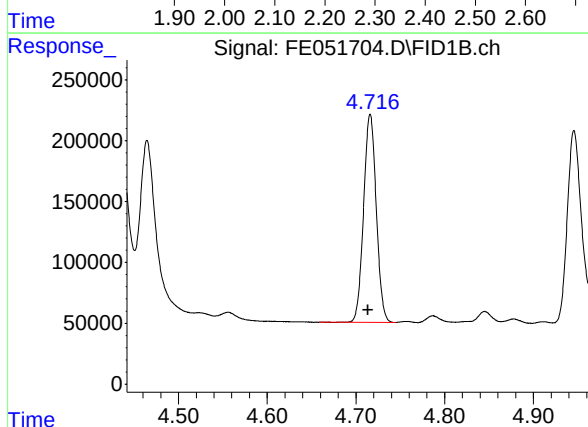
FID_E

ClientSampleId :

ROCKAWAY-PARKMS

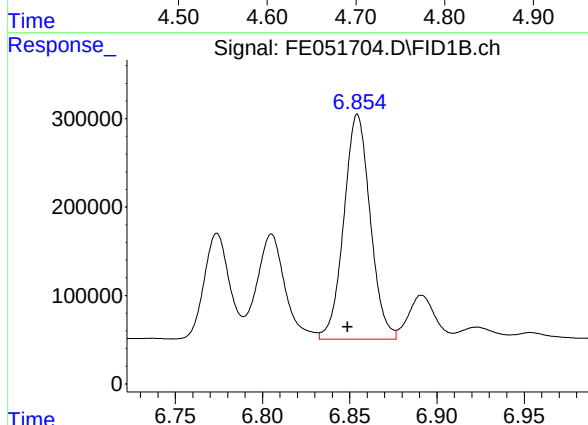
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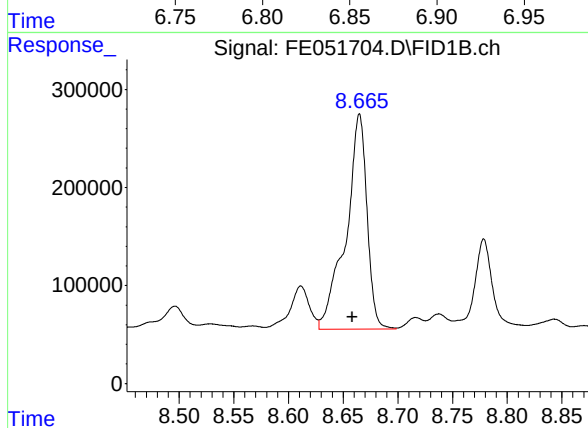
#2 N-DECANE

R.T.: 4.716 min
Delta R.T.: 0.003 min
Response: 1697382
Conc: 14.69 ug/ml



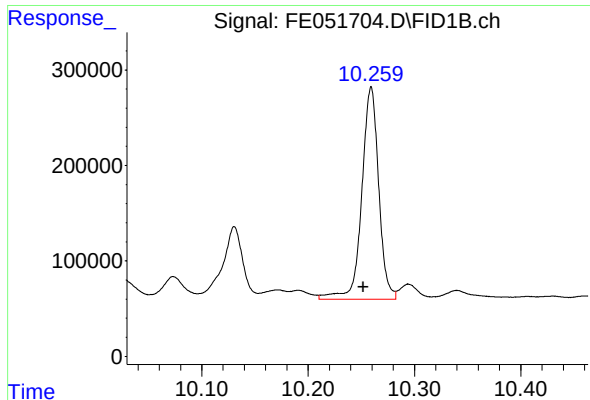
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.006 min
Response: 2676414
Conc: 21.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.665 min
Delta R.T.: 0.007 min
Response: 2940474
Conc: 23.14 ug/ml



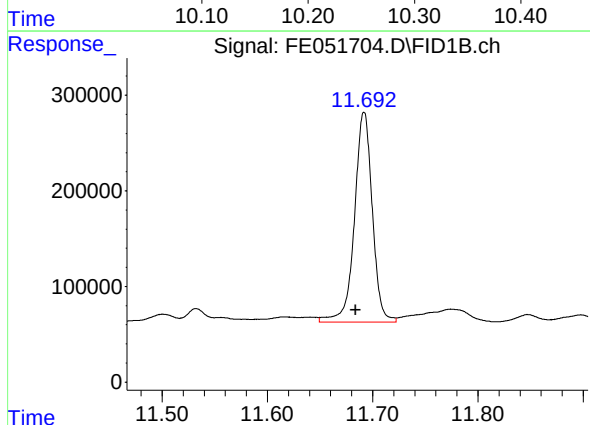
#5 N-HEXADECANE

R.T.: 10.259 min
Delta R.T.: 0.007 min
Response: 2468633
Conc: 18.49 ug/ml

Instrument :
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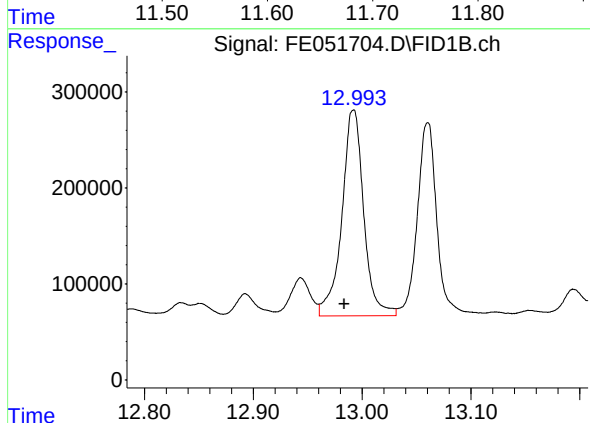
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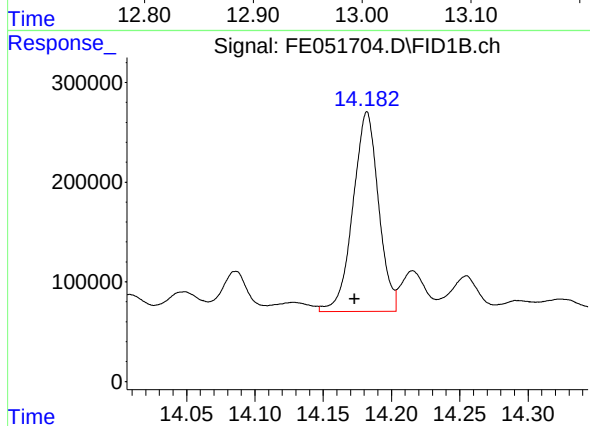
#6 N-OCTADECANE

R.T.: 11.692 min
Delta R.T.: 0.008 min
Response: 2591439
Conc: 18.39 ug/ml



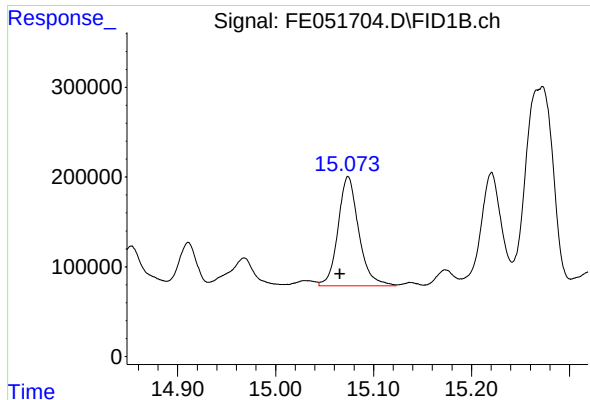
#7 N-EICOSANE

R.T.: 12.992 min
Delta R.T.: 0.008 min
Response: 3001943
Conc: 21.53 ug/ml



#8 N-DOCOSANE

R.T.: 14.182 min
Delta R.T.: 0.009 min
Response: 2610661
Conc: 18.93 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.073 min
Delta R.T.: 0.008 min
Response: 1781888
Conc: 14.46 ug/ml

Instrument :

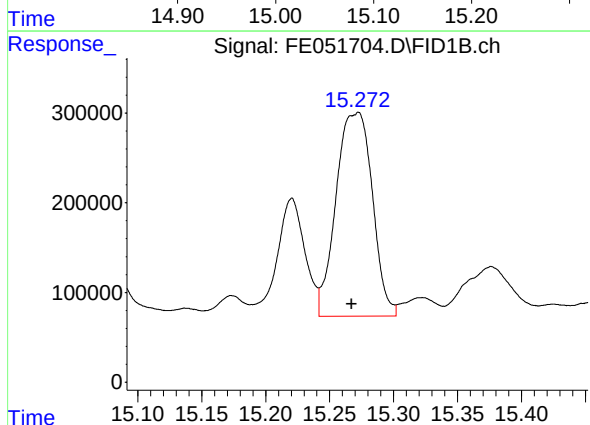
FID_E

ClientSampleId :

ROCKAWAY-PARKMS

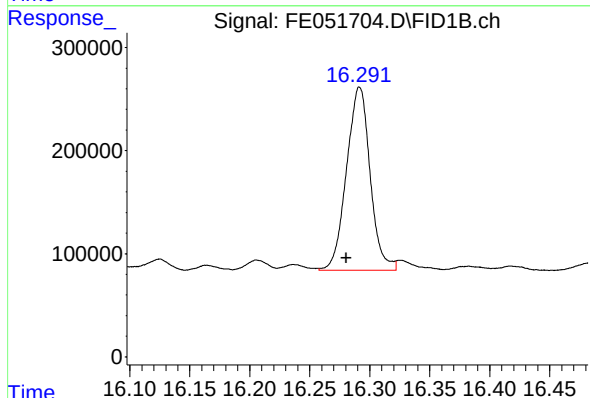
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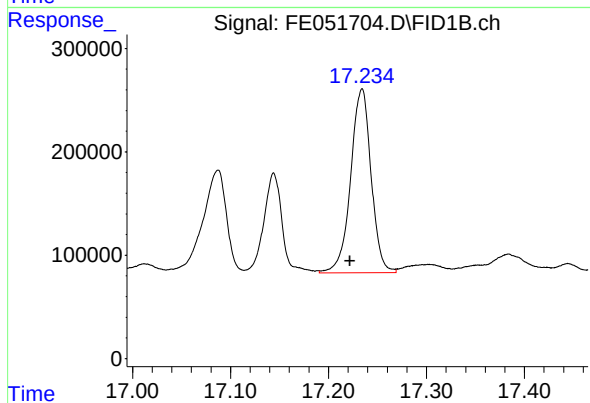
#10 N-TETRACOSANE

R.T.: 15.272 min
Delta R.T.: 0.005 min
Response: 4476242
Conc: 32.77 ug/ml



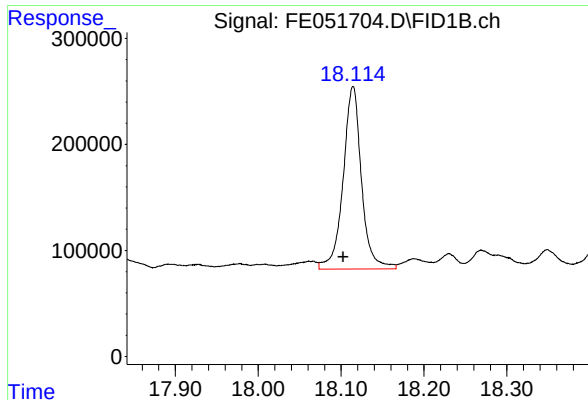
#11 N-HEXACOSANE

R.T.: 16.291 min
Delta R.T.: 0.010 min
Response: 2427289
Conc: 18.23 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.234 min
Delta R.T.: 0.012 min
Response: 2590231
Conc: 19.87 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.115 min
Delta R.T.: 0.012 min
Response: 2658385
Conc: 20.64 ug/ml

Instrument :

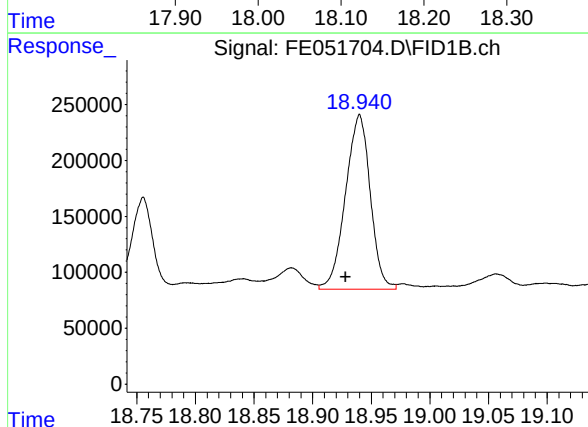
FID_E

ClientSampleId :

ROCKAWAY-PARKMS

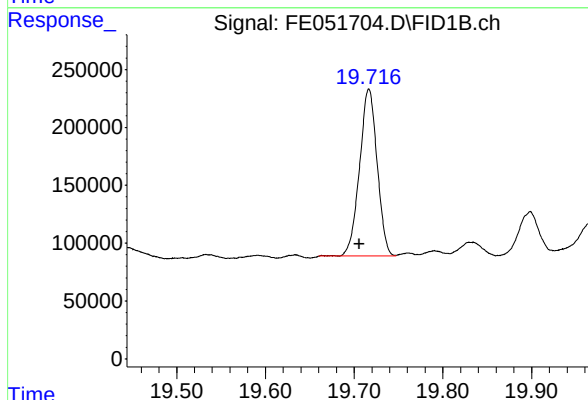
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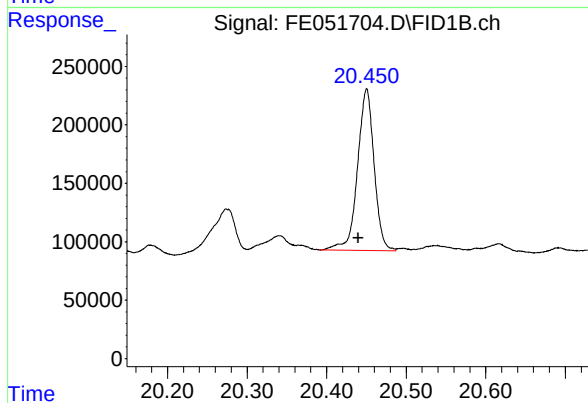
#14 N-DOTRIACONTANE

R.T.: 18.940 min
Delta R.T.: 0.012 min
Response: 2294820
Conc: 18.25 ug/ml



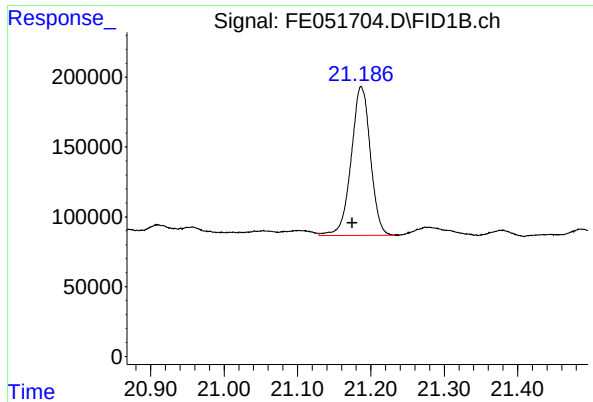
#15 N-TETRATRIACONTANE

R.T.: 19.717 min
Delta R.T.: 0.011 min
Response: 1987228
Conc: 17.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.450 min
Delta R.T.: 0.011 min
Response: 2001609
Conc: 19.58 ug/ml



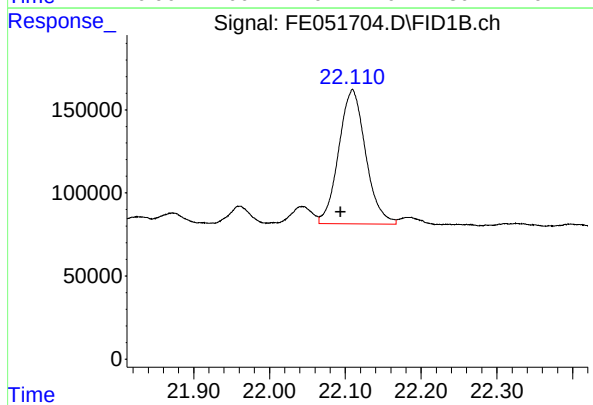
#17 N-OCTATRIACONTANE

R.T.: 21.186 min
Delta R.T.: 0.012 min
Response: 1937292
Conc: 19.95 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.110 min
Delta R.T.: 0.016 min
Response: 1993860
Conc: 20.48 ug/ml