

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050123\
 Data File : FF012554.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 15:04
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 02 01:14:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041323.M
 Quant Title :
 QLast Update : Thu Apr 13 15:26:28 2023
 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...	15.012	5094101	42.379 ug/ml
Target Compounds			
1) N-OCTANE	2.056	5055587	40.624 ug/ml
2) N-DECANE	4.573	5775338	46.349 ug/ml
3) N-DODECANE	6.736	5854827	47.405 ug/ml
4) N-TETRADECANE	8.561	5857432	45.663 ug/ml
5) N-HEXADECANE	10.166	6033007	45.184 ug/ml
6) N-OCTADECANE	11.608	6084185	44.601 ug/ml
7) N-EICOSANE	12.917	6039468	43.858 ug/ml
8) N-DOCOSANE	14.114	5817745	43.219 ug/ml
10) N-TETRACOSANE	15.216	5768053	42.642 ug/ml
11) N-HEXACOSANE	16.236	5591717	41.993 ug/ml
12) N-OCTACOSANE	17.185	5505881	41.747 ug/ml
13) N-TRIACONTANE	18.072	5501757	42.163 ug/ml
14) N-DOTRIACONTANE	18.905	5307121	42.070 ug/ml
15) N-TETRATRIACONTANE	19.687	4881950	43.049 ug/ml
16) N-HEXATRIACONTANE	20.427	4459620	43.673 ug/mlm
17) N-OCTATRIACONTANE	21.161	4632456	47.537 ug/ml
18) N-TETRACONTANE	22.066	4471110	46.233 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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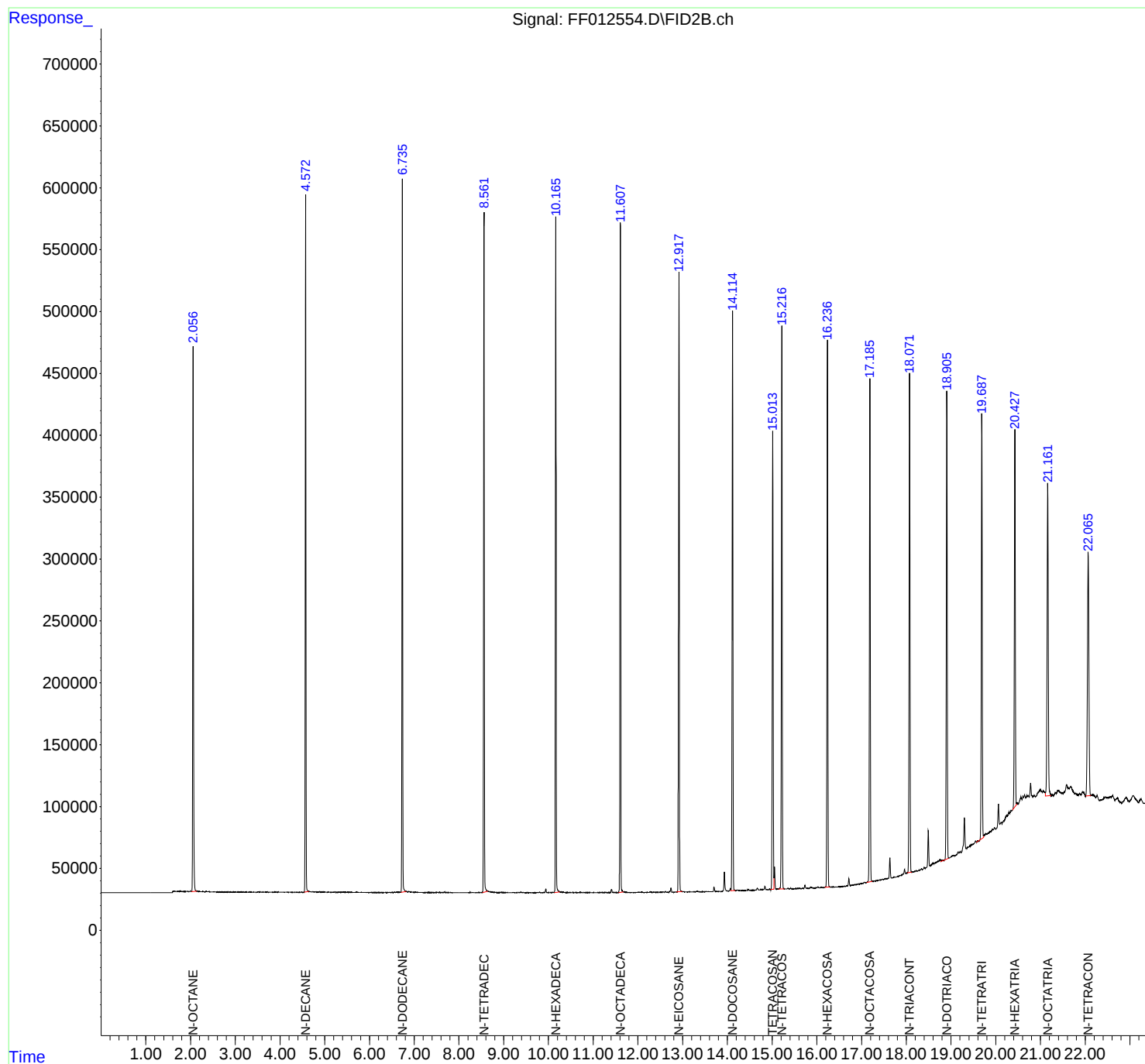
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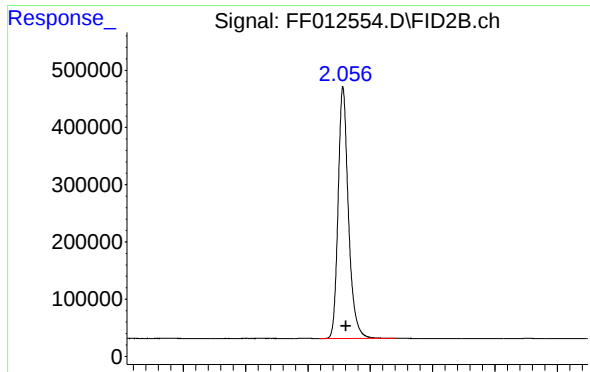
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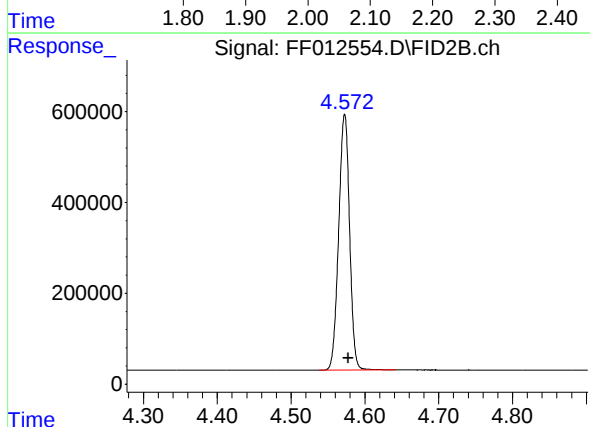
#1 N-OCTANE

R.T.: 2.056 min
Delta R.T.: -0.005 min
Response: 5055587
Conc: 40.62 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

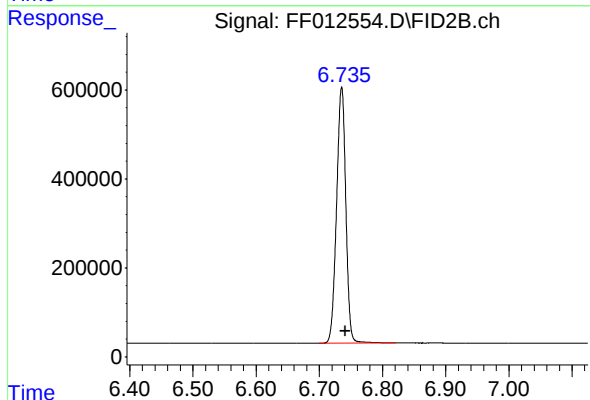
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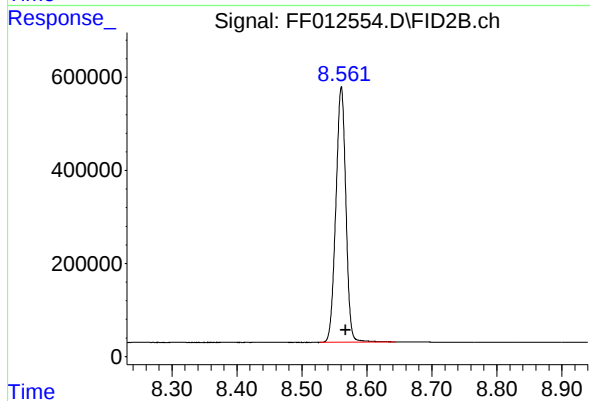
#2 N-DECANE

R.T.: 4.573 min
Delta R.T.: -0.005 min
Response: 5775338
Conc: 46.35 ug/ml



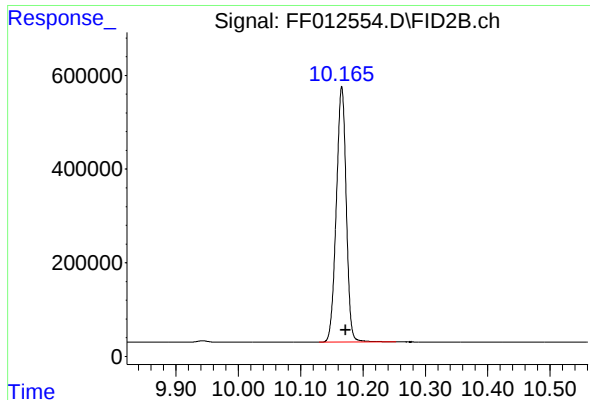
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 5854827
Conc: 47.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 5857432
Conc: 45.66 ug/ml



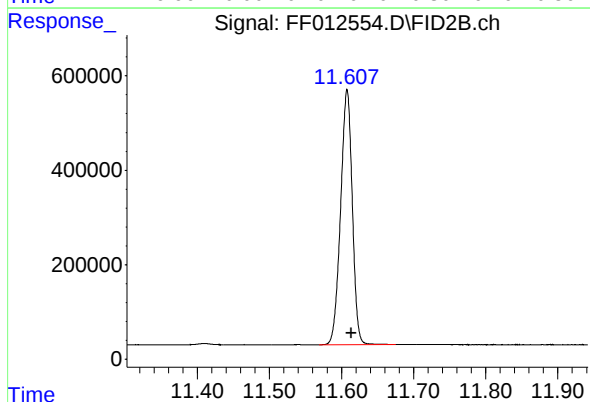
#5 N-HEXADECANE

R.T.: 10.166 min
Delta R.T.: -0.006 min
Response: 6033007
Conc: 45.18 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

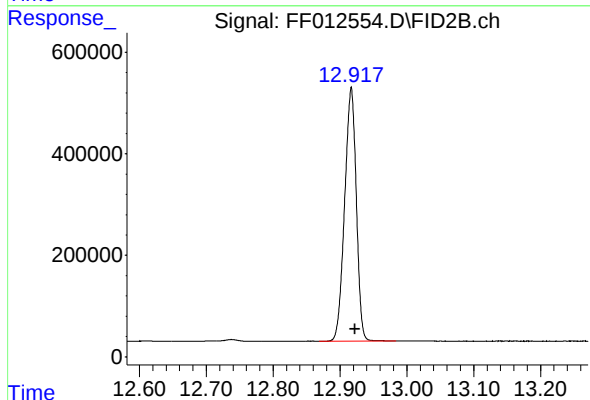
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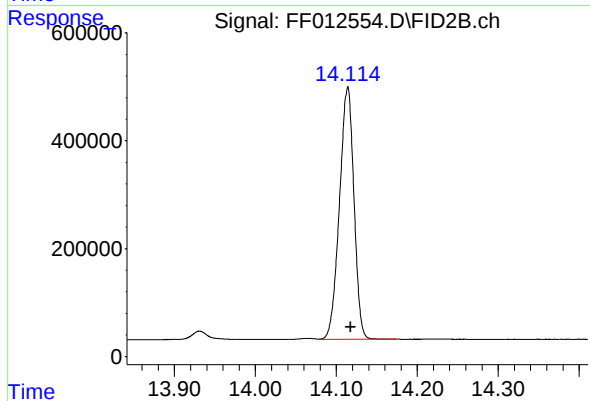
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: -0.006 min
Response: 6084185
Conc: 44.60 ug/ml



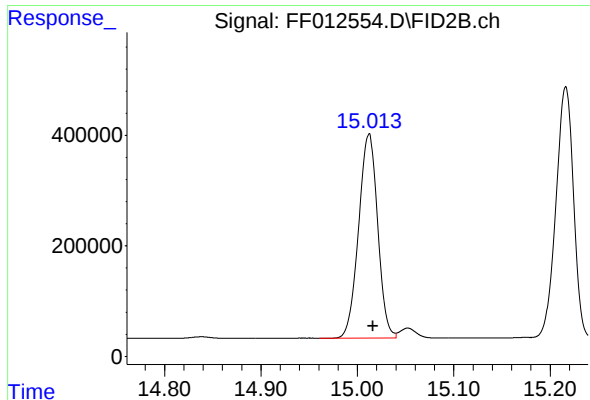
#7 N-EICOSANE

R.T.: 12.917 min
Delta R.T.: -0.006 min
Response: 6039468
Conc: 43.86 ug/ml



#8 N-DOCOSANE

R.T.: 14.114 min
Delta R.T.: -0.004 min
Response: 5817745
Conc: 43.22 ug/ml



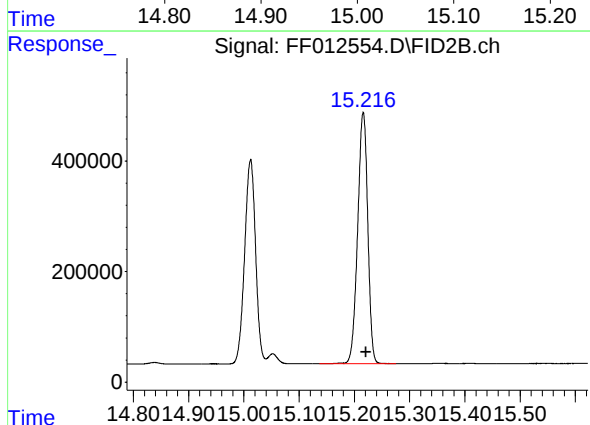
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.012 min
Delta R.T.: -0.004 min
Response: 5094101
Conc: 42.38 ug/ml

Instrument :
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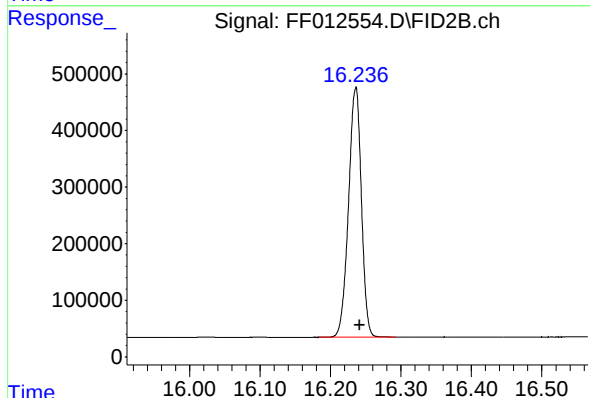
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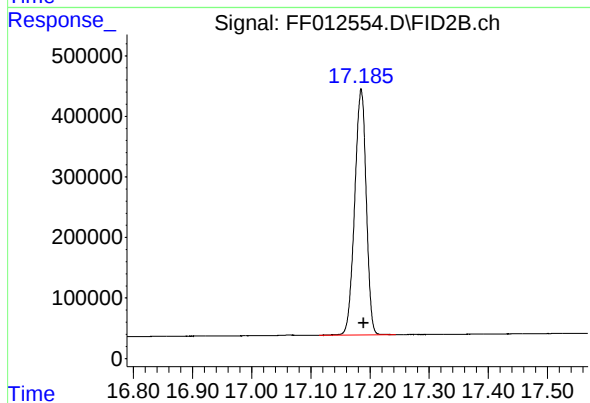
#10 N-TETRACOSANE

R.T.: 15.216 min
Delta R.T.: -0.005 min
Response: 5768053
Conc: 42.64 ug/ml



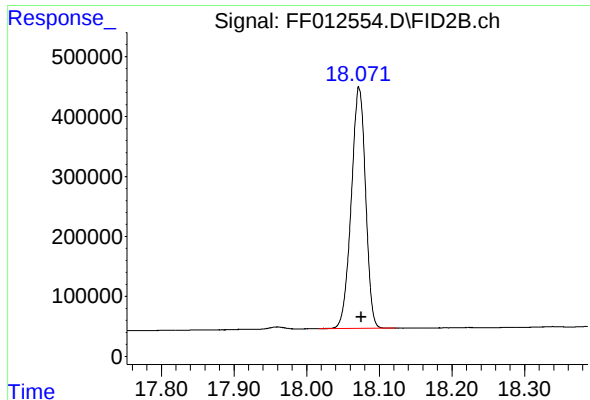
#11 N-HEXACOSANE

R.T.: 16.236 min
Delta R.T.: -0.005 min
Response: 5591717
Conc: 41.99 ug/ml



#12 N-OCTACOSANE

R.T.: 17.185 min
Delta R.T.: -0.004 min
Response: 5505881
Conc: 41.75 ug/ml



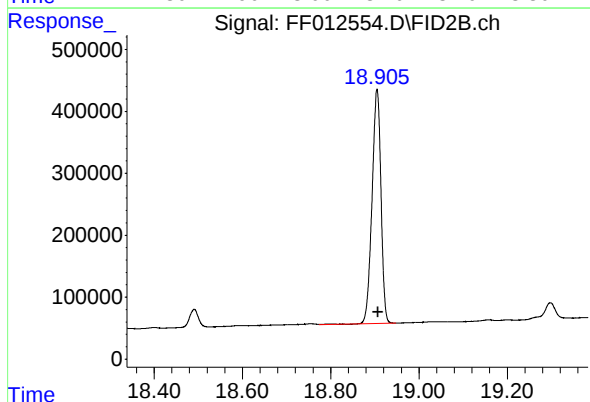
#13 N-TRIACONTANE

R.T.: 18.072 min
Delta R.T.: -0.003 min
Response: 5501757
Conc: 42.16 ug/ml

Instrument :
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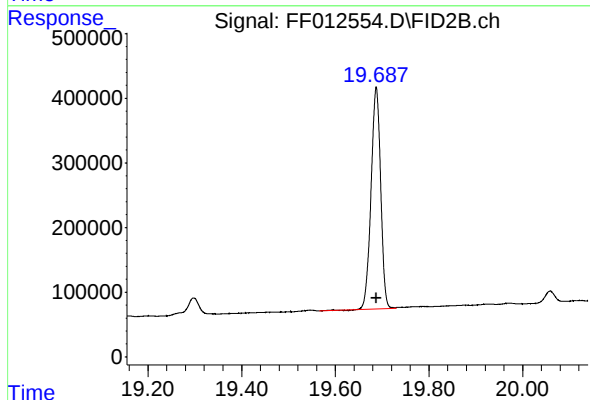
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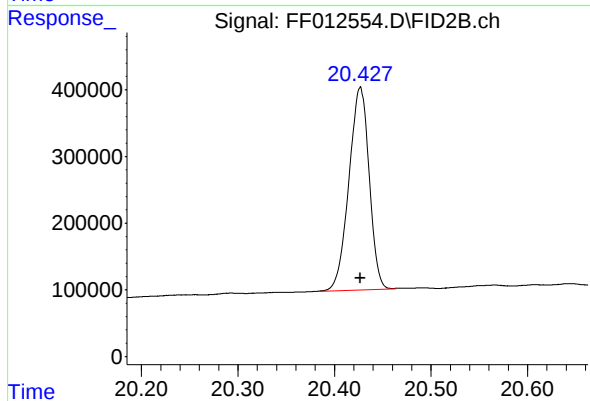
#14 N-DOTRIACONTANE

R.T.: 18.905 min
Delta R.T.: -0.002 min
Response: 5307121
Conc: 42.07 ug/ml



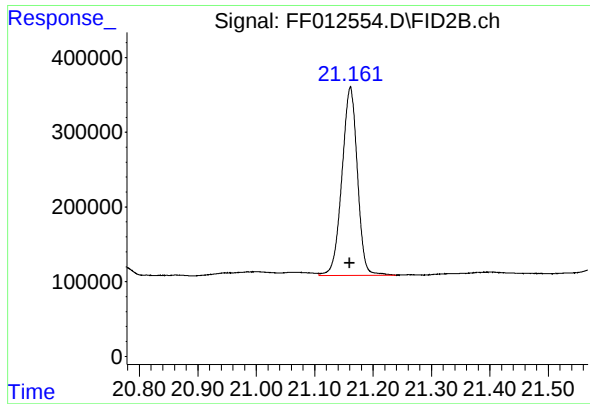
#15 N-TETRATRIACONTANE

R.T.: 19.687 min
Delta R.T.: 0.000 min
Response: 4881950
Conc: 43.05 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 4459620
Conc: 43.67 ug/ml m



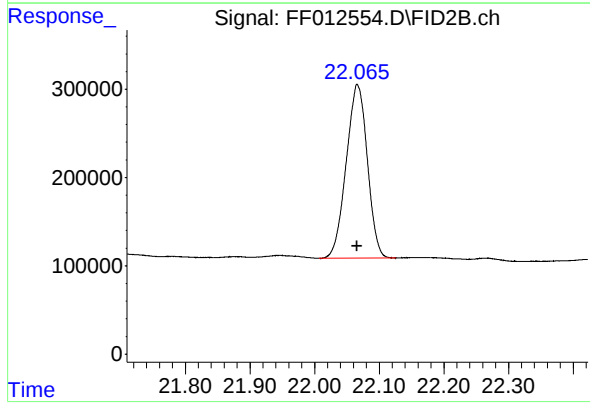
#17 N-OCTATRIACONTANE

R.T.: 21.161 min
Delta R.T.: 0.000 min
Response: 4632456
Conc: 47.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.066 min
Delta R.T.: 0.001 min
Response: 4471110
Conc: 46.23 ug/ml