

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF073124\
 Data File : FF014337.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 18:46
 Operator : YP\AJ
 Sample : P3390-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-05-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 02:21:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:21 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...	14.917	1542467	12.367 ug/ml
Target Compounds			
1) N-OCTANE	1.959	570600	4.525 ug/ml
2) N-DECANE	4.469	601750	4.643 ug/ml
3) N-DODECANE	6.634	588144	4.422 ug/ml
4) N-TETRADECANE	8.460	563051	4.329 ug/ml
5) N-HEXADECANE	10.067	551525	4.249 ug/ml
6) N-OCTADECANE	11.510	586740	4.269 ug/ml
7) N-EICOSANE	12.819	606051	4.446 ug/ml
8) N-DOCOSANE	14.016	588386	4.381 ug/ml
10) N-TETRACOSANE	15.121	578600	4.350 ug/ml
11) N-HEXACOSANE	16.142	555577	4.323 ug/ml
12) N-OCTACOSANE	17.093	541687	4.313 ug/ml
13) N-TRIACONTANE	17.982	529442	4.339 ug/ml
14) N-DOTRIACONTANE	18.815	461024	3.930 ug/ml
15) N-TETRATRIACONTANE	19.603	323021	3.393 ug/ml
16) N-HEXATRIACONTANE	20.348	214355	2.880 ug/ml
17) N-OCTATRIACONTANE	21.073	172734	2.560 ug/mlm
18) N-TETRACONTANE	21.979	96583	1.536 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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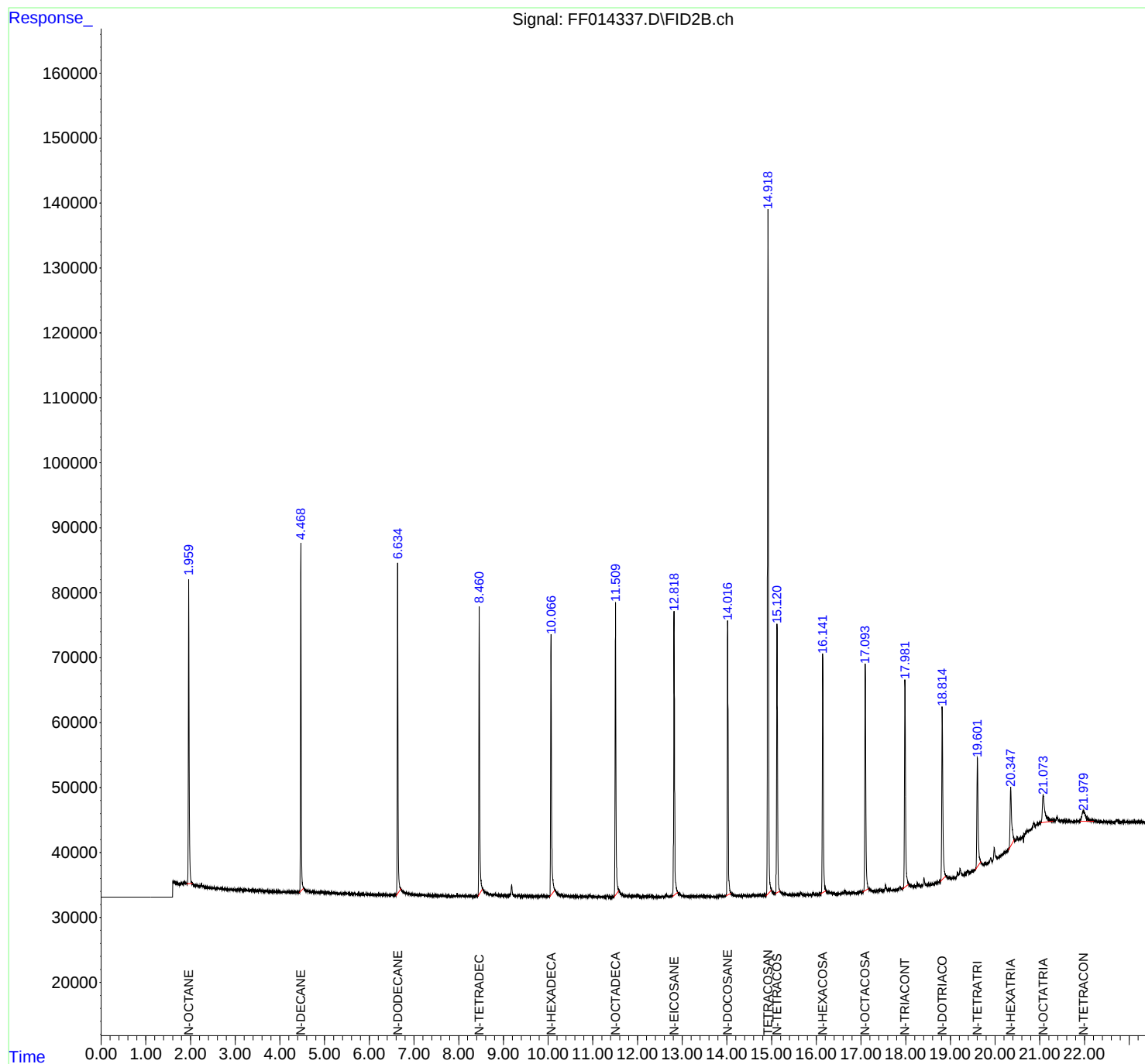
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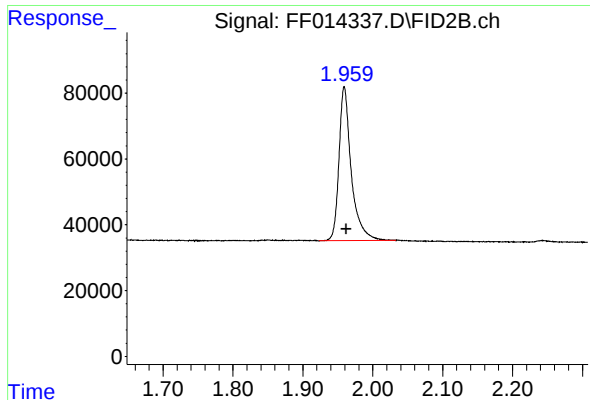
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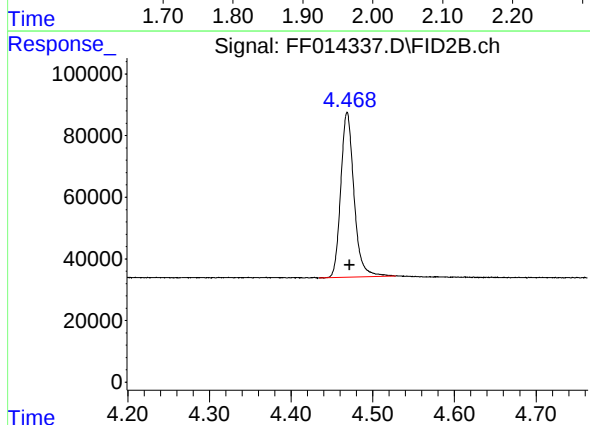
#1 N-OCTANE

R.T.: 1.959 min
Delta R.T.: -0.003 min
Response: 570600
Conc: 4.53 ug/ml

Instrument :
FID_F
ClientSampleId :
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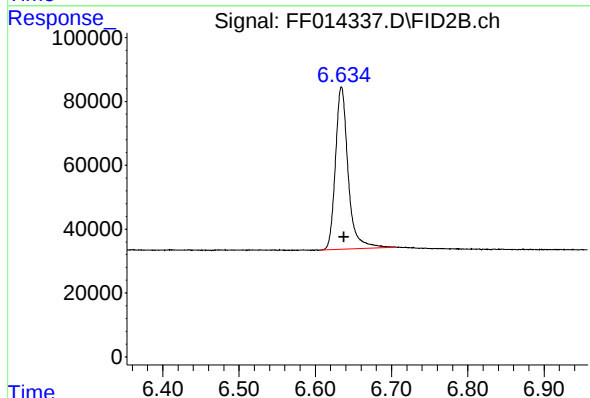
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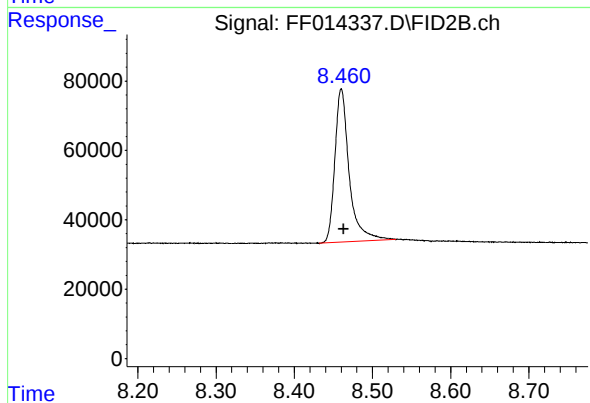
#2 N-DECANE

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 601750
Conc: 4.64 ug/ml



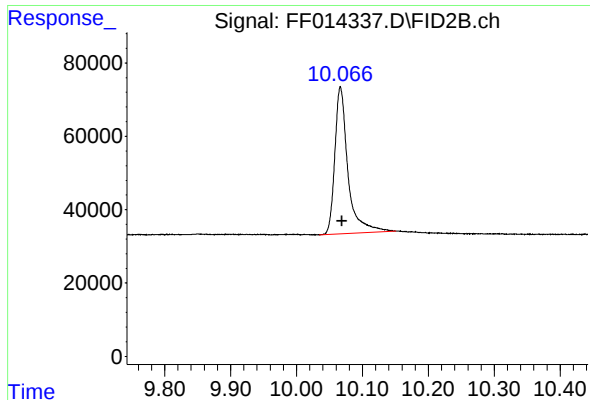
#3 N-DODECANE

R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 588144
Conc: 4.42 ug/ml



#4 N-TETRADECANE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 563051
Conc: 4.33 ug/ml



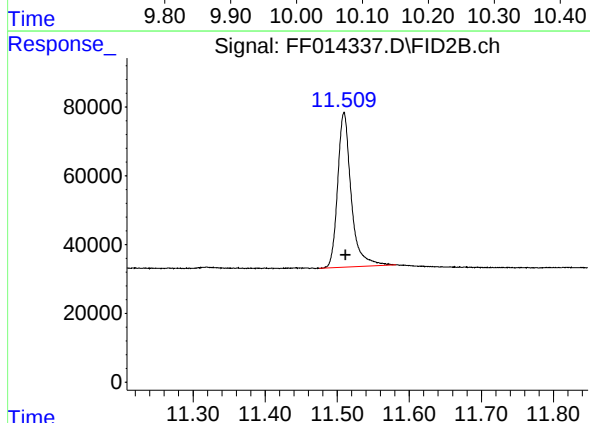
#5 N-HEXADECANE

R.T.: 10.067 min
Delta R.T.: -0.003 min
Response: 551525
Conc: 4.25 ug/ml

Instrument :
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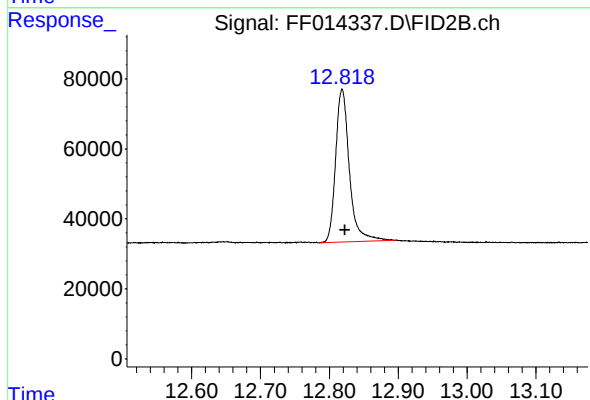
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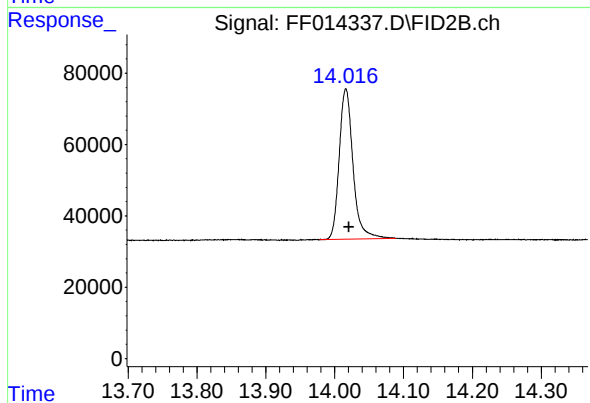
#6 N-OCTADECANE

R.T.: 11.510 min
Delta R.T.: -0.002 min
Response: 586740
Conc: 4.27 ug/ml



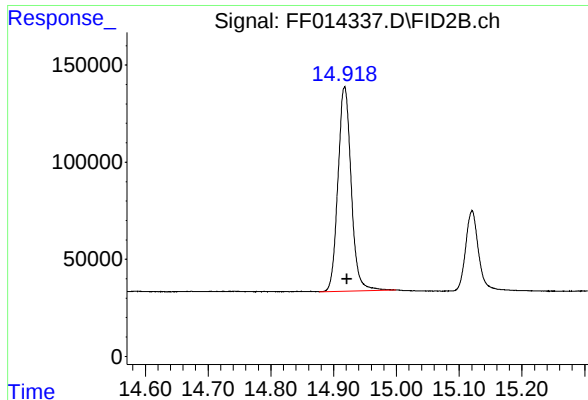
#7 N-EICOSANE

R.T.: 12.819 min
Delta R.T.: -0.004 min
Response: 606051
Conc: 4.45 ug/ml



#8 N-DOCOSANE

R.T.: 14.016 min
Delta R.T.: -0.004 min
Response: 588386
Conc: 4.38 ug/ml



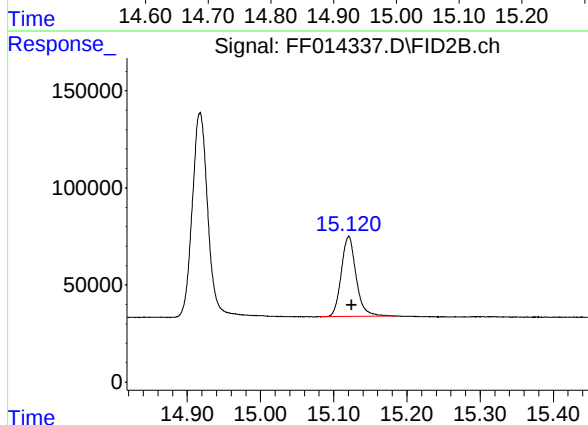
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.917 min
Delta R.T.: -0.004 min
Response: 1542467
Conc: 12.37 ug/ml

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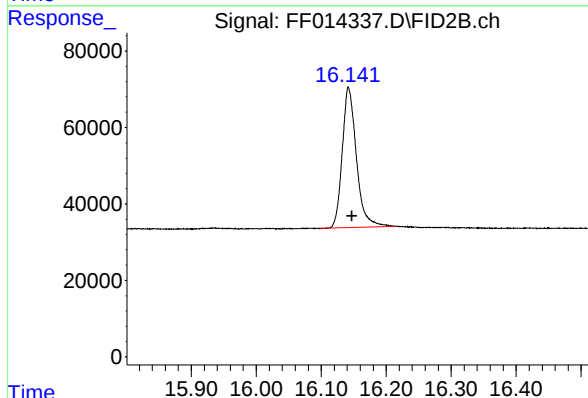
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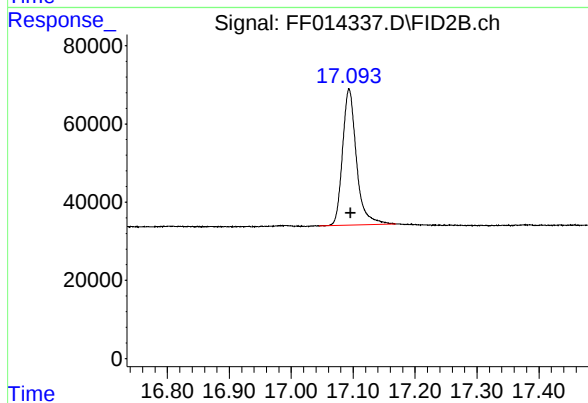
#10 N-TETRACOSANE

R.T.: 15.121 min
Delta R.T.: -0.004 min
Response: 578600
Conc: 4.35 ug/ml



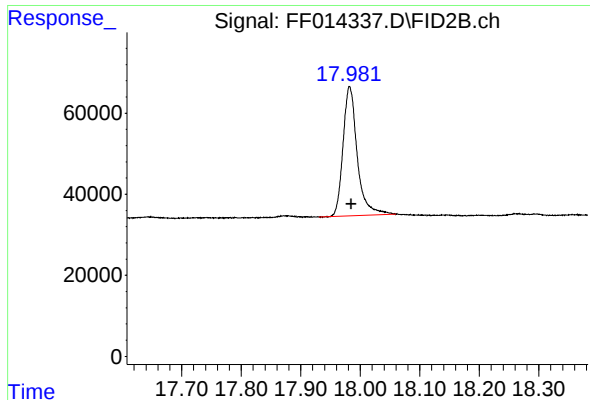
#11 N-HEXACOSANE

R.T.: 16.142 min
Delta R.T.: -0.005 min
Response: 555577
Conc: 4.32 ug/ml



#12 N-OCTACOSANE

R.T.: 17.093 min
Delta R.T.: -0.003 min
Response: 541687
Conc: 4.31 ug/ml



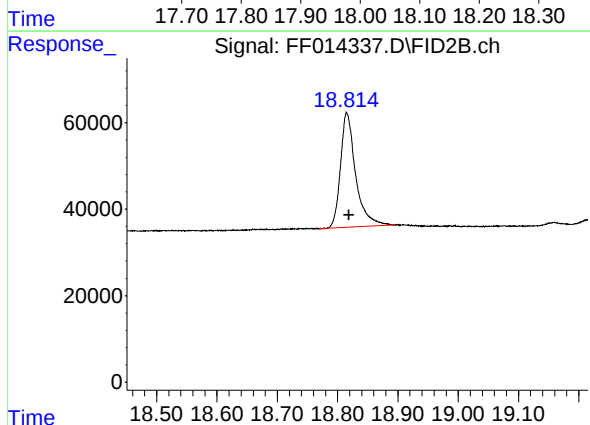
#13 N-TRIACONTANE

R.T.: 17.982 min
Delta R.T.: -0.003 min
Response: 529442
Conc: 4.34 ug/ml

Instrument :
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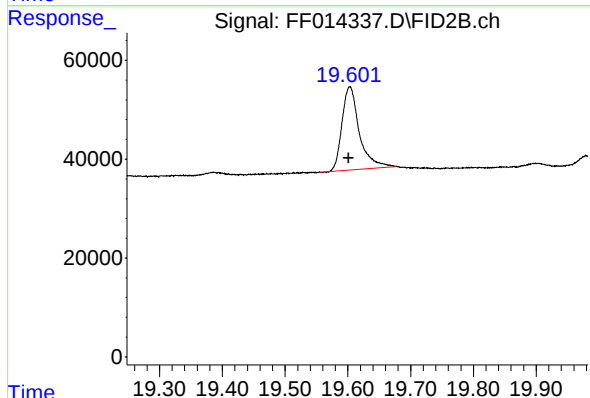
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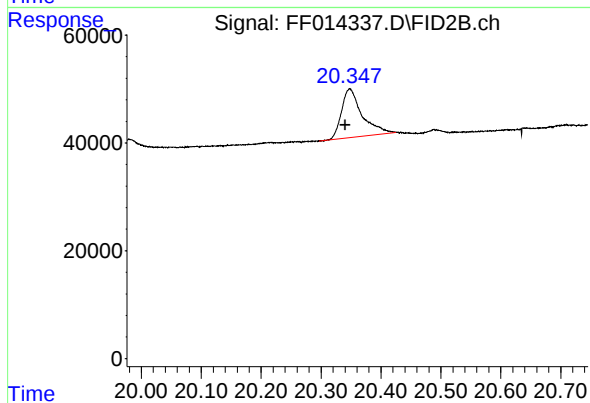
#14 N-DOTRIACONTANE

R.T.: 18.815 min
Delta R.T.: -0.004 min
Response: 461024
Conc: 3.93 ug/ml



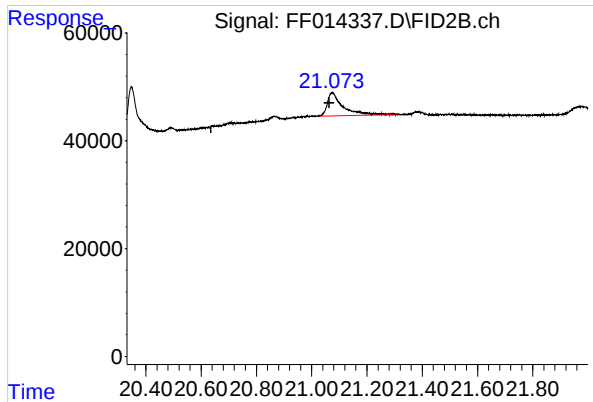
#15 N-TETRATRIACONTANE

R.T.: 19.603 min
Delta R.T.: 0.002 min
Response: 323021
Conc: 3.39 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.348 min
Delta R.T.: 0.008 min
Response: 214355
Conc: 2.88 ug/ml



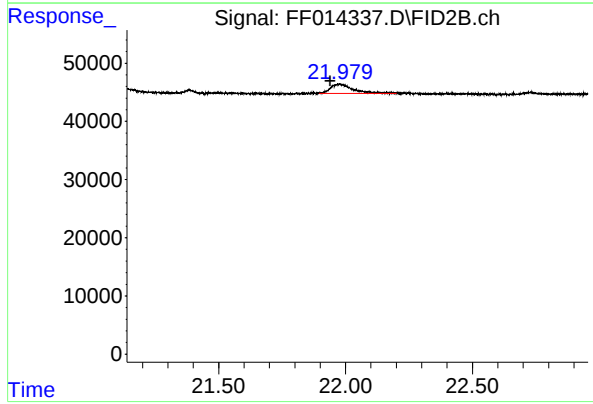
#17 N-OCTATRIACONTANE

R.T.: 21.073 min
Delta R.T.: 0.008 min
Response: 172734
Conc: 2.56 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.979 min
Delta R.T.: 0.039 min
Response: 96583
Conc: 1.54 ug/ml m