

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF073124\
 Data File : FF014340.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 20:15
 Operator : YP\AJ
 Sample : P3390-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-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 02:22:48 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...	14.916	1608785	12.898 ug/ml
Target Compounds			
1) N-OCTANE	1.958	589853	4.678 ug/ml
2) N-DECANE	4.468	620938	4.791 ug/ml
3) N-DODECANE	6.633	607911	4.570 ug/ml
4) N-TETRADECANE	8.461	579692	4.457 ug/ml
5) N-HEXADECANE	10.066	582793	4.490 ug/ml
6) N-OCTADECANE	11.508	618577	4.500 ug/ml
7) N-EICOSANE	12.818	626847	4.599 ug/ml
8) N-DOCOSANE	14.016	611112	4.551 ug/ml
10) N-TETRACOSANE	15.120	606415	4.559 ug/ml
11) N-HEXACOSANE	16.143	578511	4.502 ug/ml
12) N-OCTACOSANE	17.092	568985	4.531 ug/ml
13) N-TRIACONTANE	17.981	557171	4.566 ug/ml
14) N-DOTRIACONTANE	18.817	489100	4.169 ug/ml
15) N-TETRATRIACONTANE	19.602	343713	3.610 ug/ml
16) N-HEXATRIACONTANE	20.347	201883	2.713 ug/ml
17) N-OCTATRIACONTANE	21.075	153895	2.281 ug/mlm
18) N-TETRACONTANE	21.985	85670	1.362 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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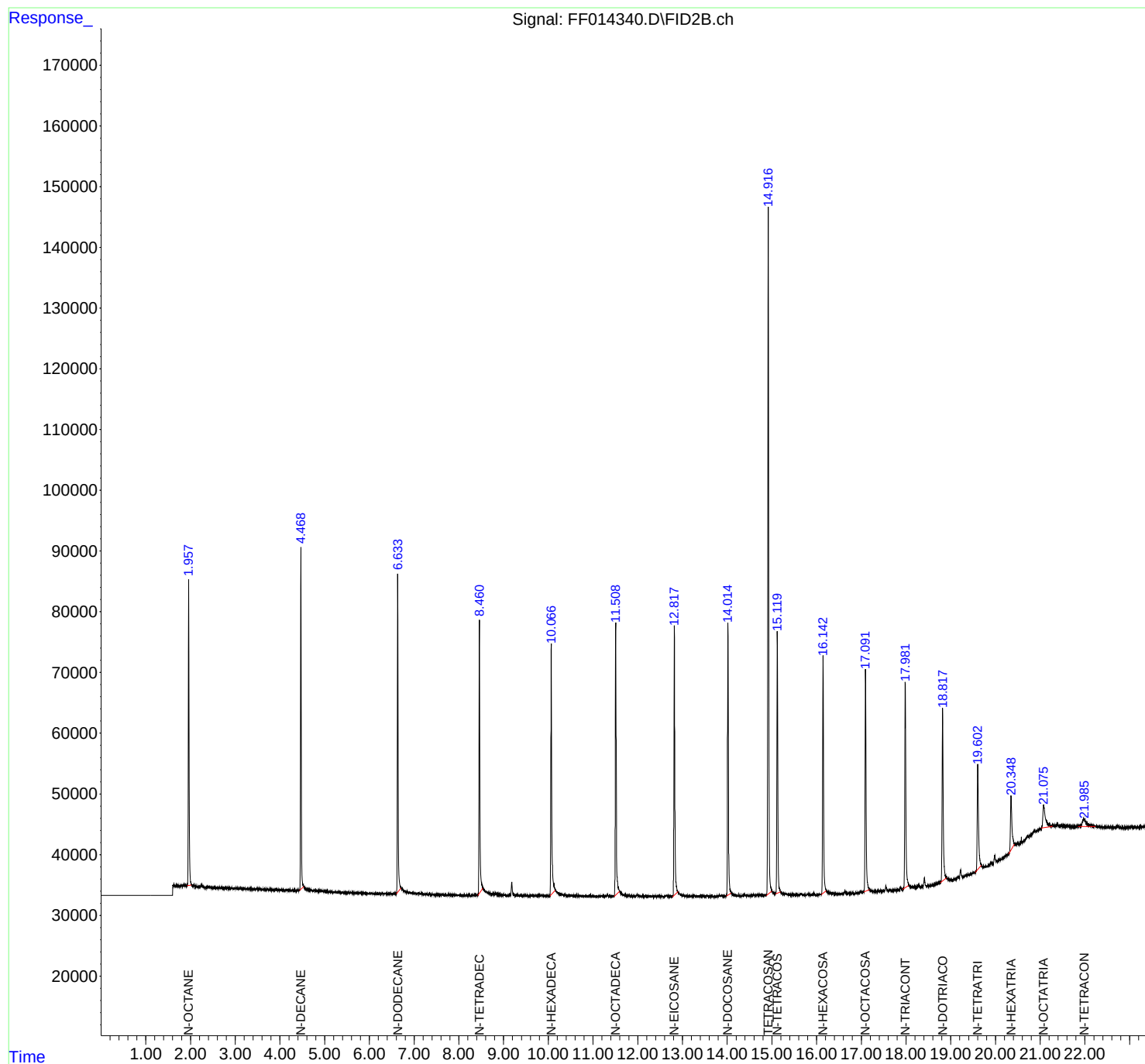
Instrument :
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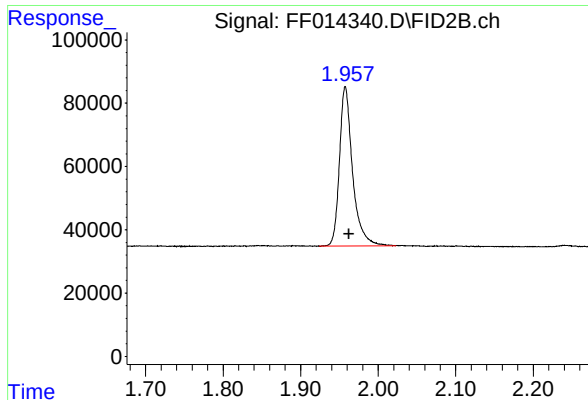
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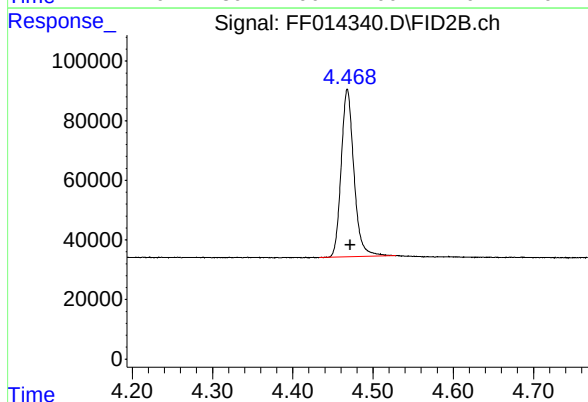
#1 N-OCTANE

R.T.: 1.958 min
Delta R.T.: -0.004 min
Response: 589853
Conc: 4.68 ug/ml

Instrument :
FID_F
ClientSampleId :
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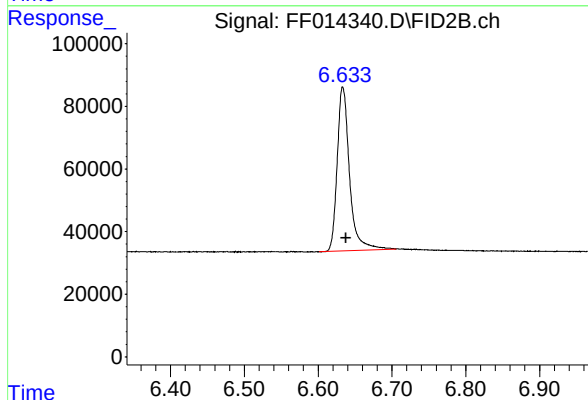
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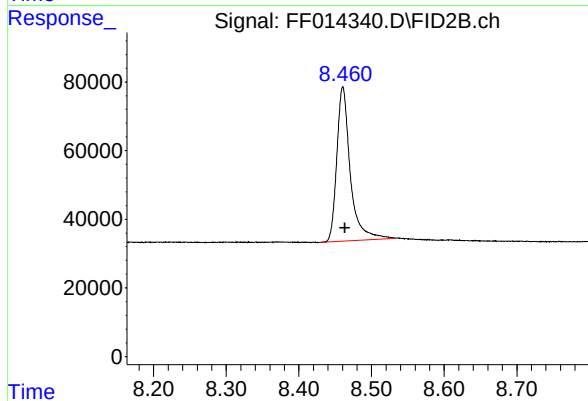
#2 N-DECANE

R.T.: 4.468 min
Delta R.T.: -0.004 min
Response: 620938
Conc: 4.79 ug/ml



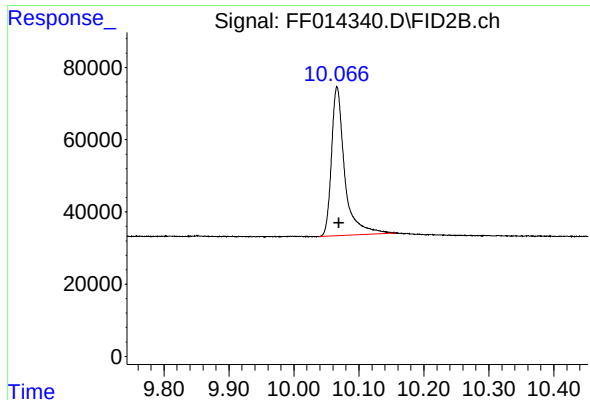
#3 N-DODECANE

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 607911
Conc: 4.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.461 min
Delta R.T.: -0.003 min
Response: 579692
Conc: 4.46 ug/ml



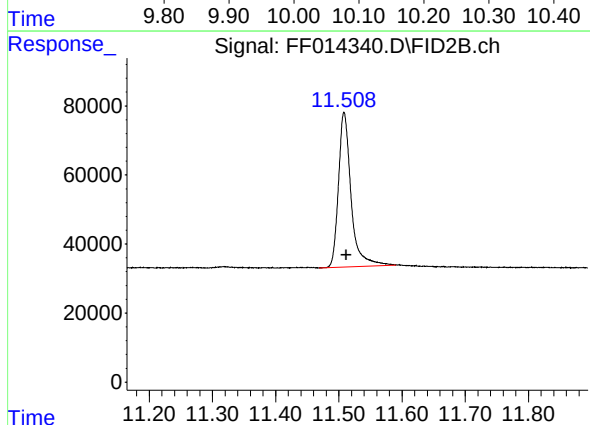
#5 N-HEXADECANE

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 582793
Conc: 4.49 ug/ml

Instrument :
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ClientSampleId :
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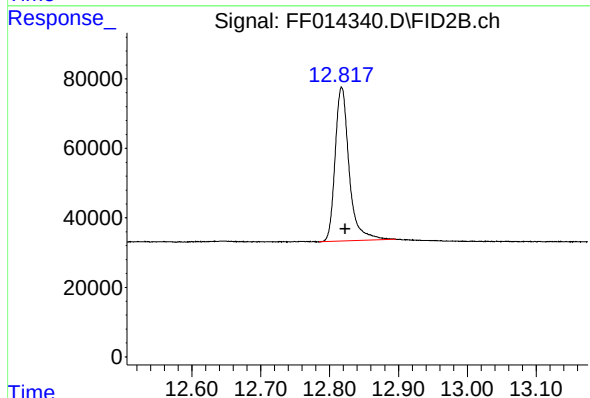
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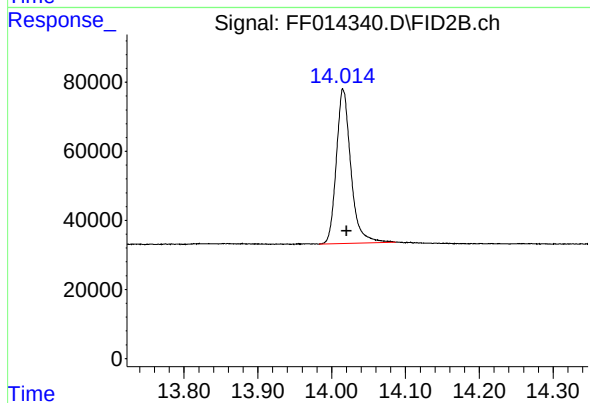
#6 N-OCTADECANE

R.T.: 11.508 min
Delta R.T.: -0.004 min
Response: 618577
Conc: 4.50 ug/ml



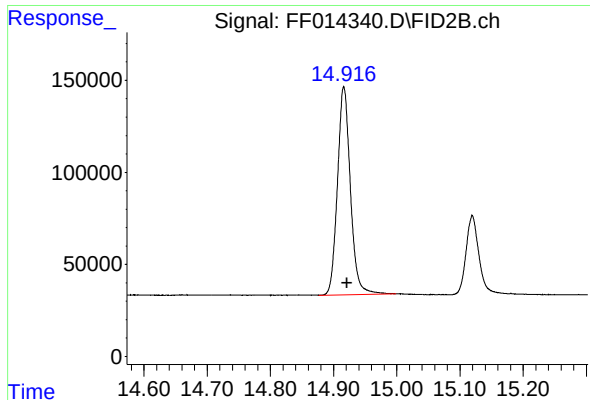
#7 N-EICOSANE

R.T.: 12.818 min
Delta R.T.: -0.005 min
Response: 626847
Conc: 4.60 ug/ml



#8 N-DOCOSANE

R.T.: 14.016 min
Delta R.T.: -0.005 min
Response: 611112
Conc: 4.55 ug/ml



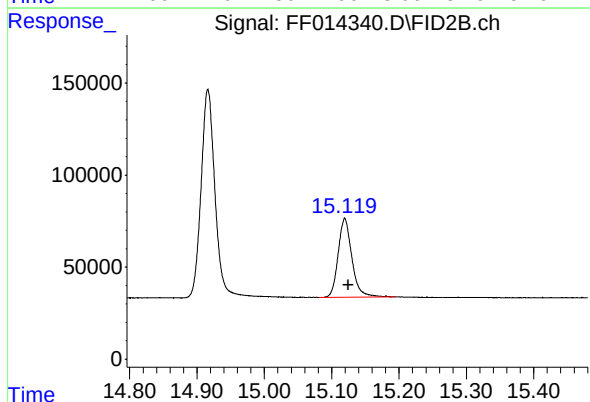
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.916 min
Delta R.T.: -0.005 min
Response: 1608785
Conc: 12.90 ug/ml

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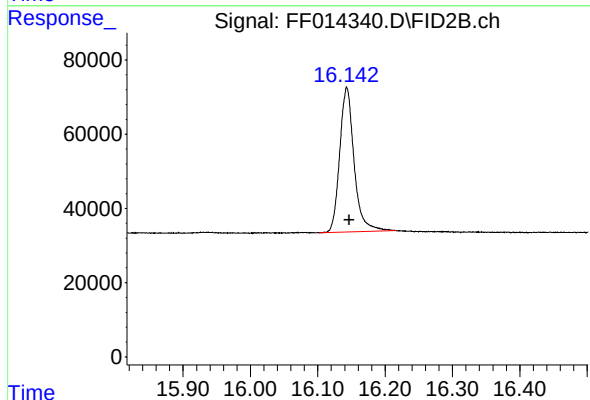
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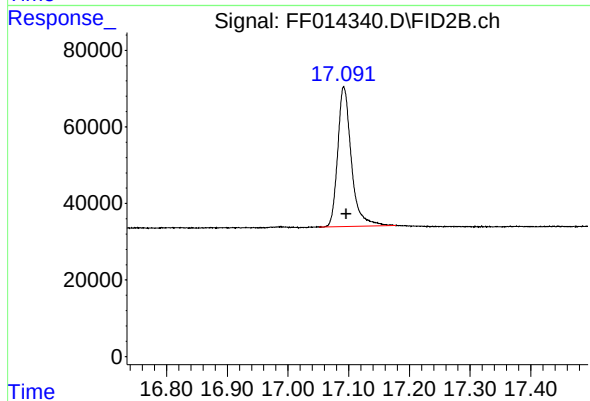
#10 N-TETRACOSANE

R.T.: 15.120 min
Delta R.T.: -0.005 min
Response: 606415
Conc: 4.56 ug/ml



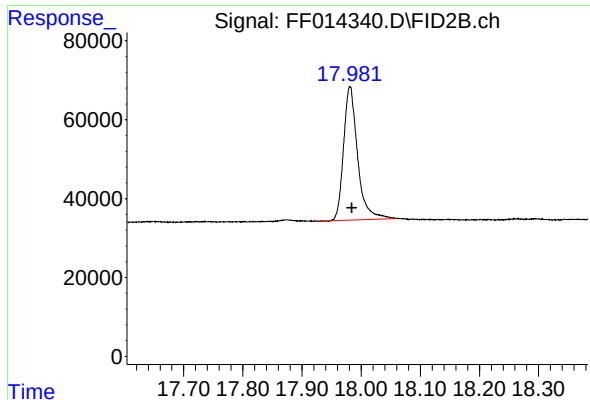
#11 N-HEXACOSANE

R.T.: 16.143 min
Delta R.T.: -0.004 min
Response: 578511
Conc: 4.50 ug/ml



#12 N-OCTACOSANE

R.T.: 17.092 min
Delta R.T.: -0.004 min
Response: 568985
Conc: 4.53 ug/ml



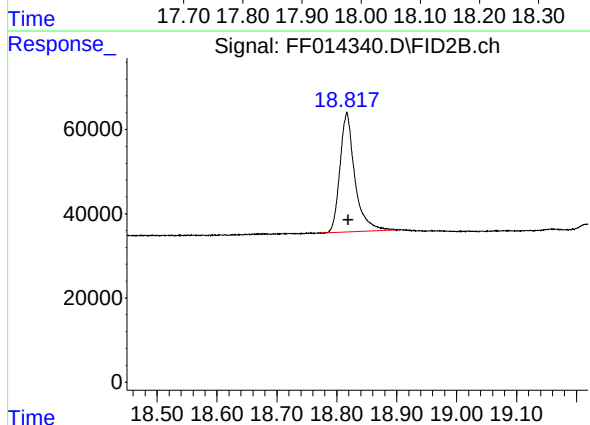
#13 N-TRIACONTANE

R.T.: 17.981 min
Delta R.T.: -0.004 min
Response: 557171
Conc: 4.57 ug/ml

Instrument :
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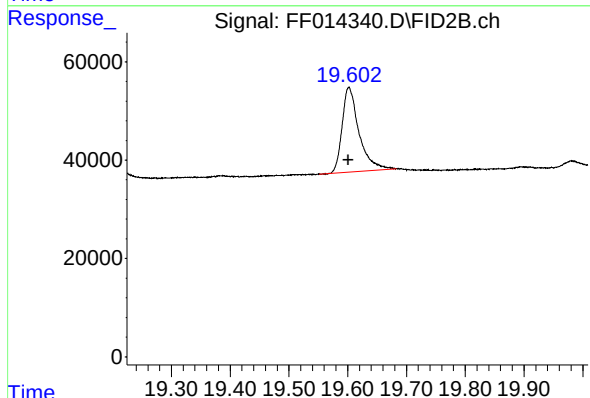
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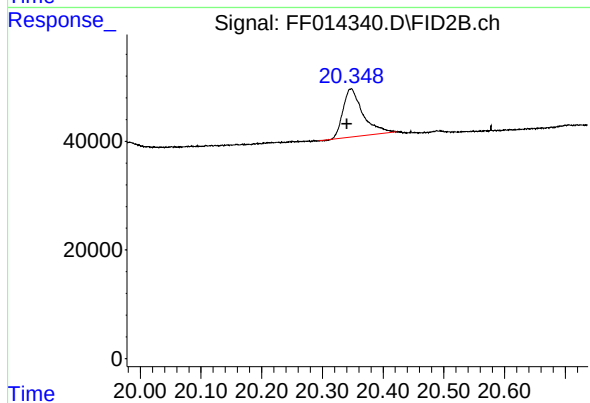
#14 N-DOTRIACONTANE

R.T.: 18.817 min
Delta R.T.: -0.002 min
Response: 489100
Conc: 4.17 ug/ml



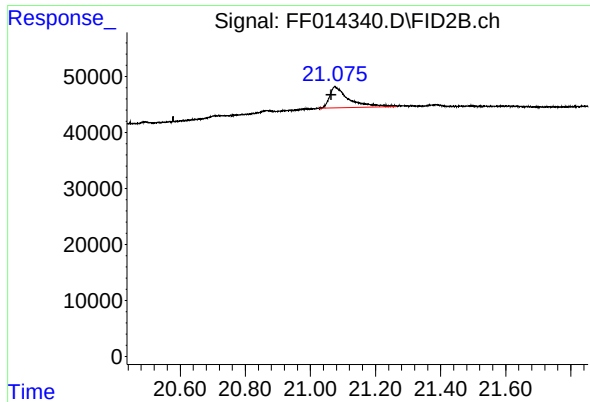
#15 N-TETRATRIACONTANE

R.T.: 19.602 min
Delta R.T.: 0.001 min
Response: 343713
Conc: 3.61 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.347 min
Delta R.T.: 0.007 min
Response: 201883
Conc: 2.71 ug/ml



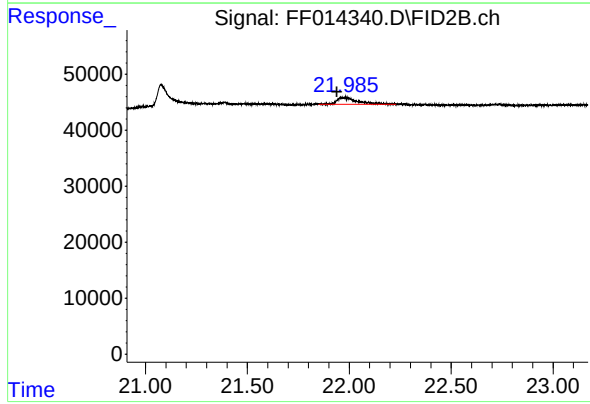
#17 N-OCTATRIACONTANE

R.T.: 21.075 min
Delta R.T.: 0.011 min
Response: 153895
Conc: 2.28 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.985 min
Delta R.T.: 0.045 min
Response: 85670
Conc: 1.36 ug/ml m