

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073124\
 Data File : FG013987.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 11:23
 Operator : YP\AJ
 Sample : P3390-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-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 03:02:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.952	1641582	13.571 ug/ml
Target Compounds			
1) N-OCTANE	1.967	172604	1.434 ug/ml
2) N-DECANE	4.472	187468	1.504 ug/ml
3) N-DODECANE	6.644	184588	1.399 ug/ml
4) N-TETRADECANE	8.477	201877	1.544 ug/ml
5) N-HEXADECANE	10.087	193379	1.451 ug/ml
6) N-OCTADECANE	11.534	196760	1.440 ug/ml
7) N-EICOSANE	12.847	199279	1.491 ug/ml
8) N-DOCOSANE	14.049	199301	1.514 ug/ml
10) N-TETRACOSANE	15.155	195633	1.499 ug/ml
11) N-HEXACOSANE	16.180	196630	1.531 ug/ml
12) N-OCTACOSANE	17.132	198016	1.561 ug/ml
13) N-TRIACONTANE	18.022	215798	1.716 ug/ml
14) N-DOTRIACONTANE	18.856	220460	1.807 ug/ml
15) N-TETRATRIACONTANE	19.642	191437	1.902 ug/ml
16) N-HEXATRIACONTANE	20.383	141001	1.688 ug/ml
17) N-OCTATRIACONTANE	21.117	143097	1.919 ug/mlm
18) N-TETRACONTANE	22.020	122588	1.769 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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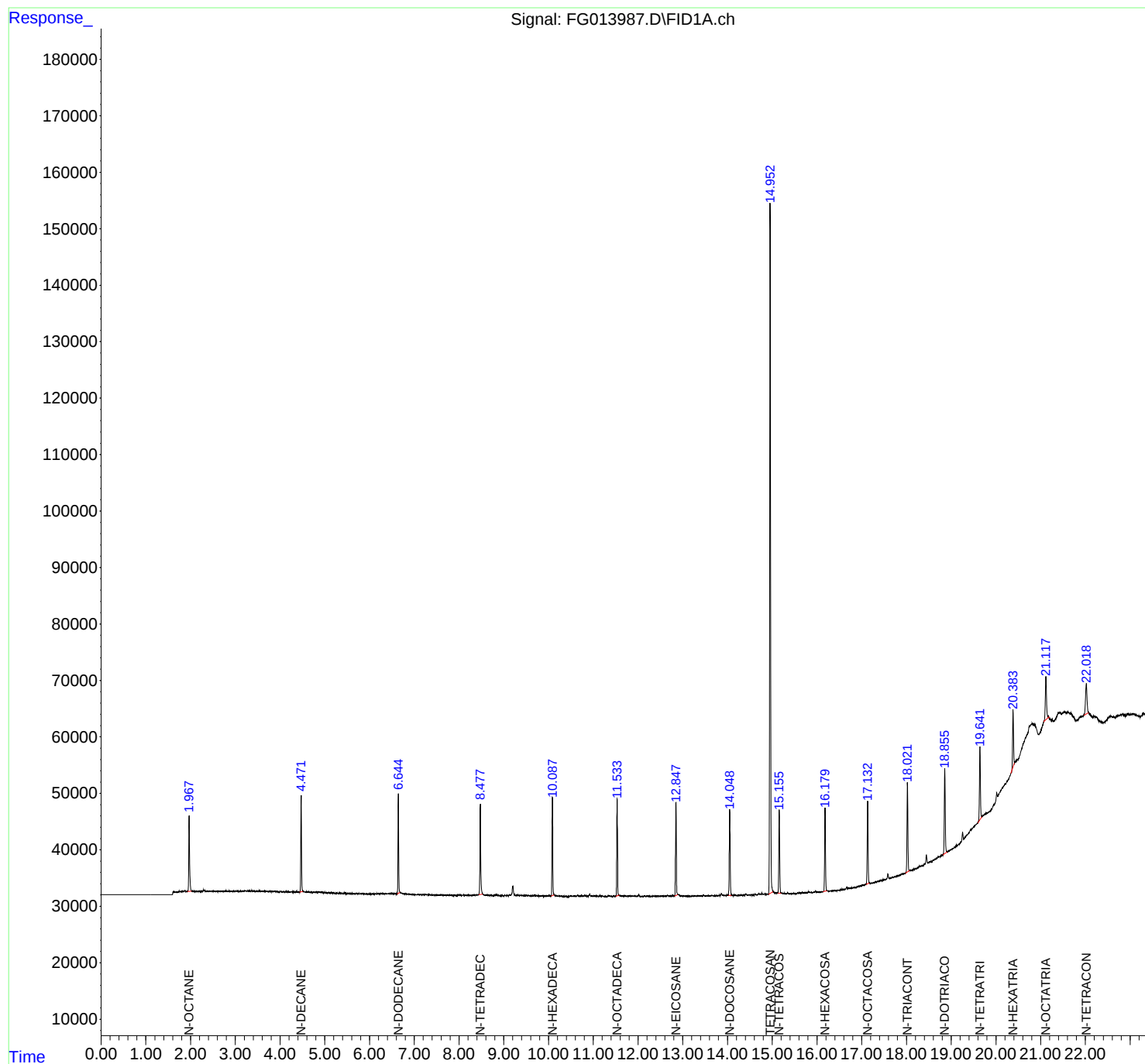
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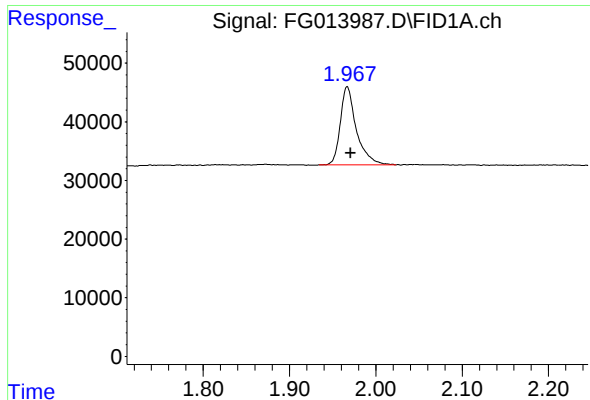
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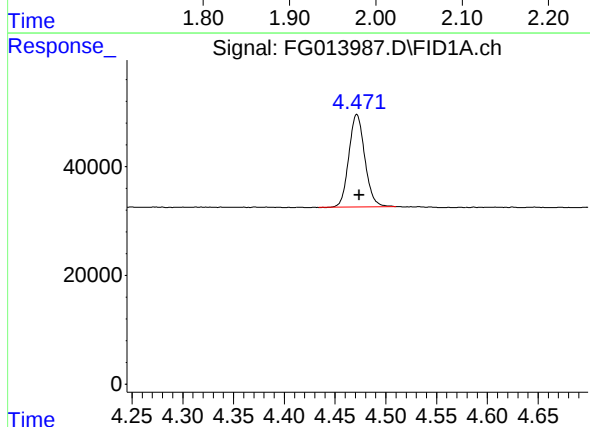
#1 N-OCTANE

R.T.: 1.967 min
Delta R.T.: -0.004 min
Response: 172604
Conc: 1.43 ug/ml

Instrument :
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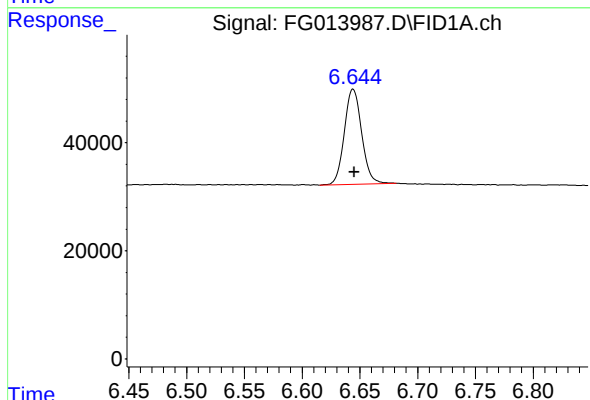
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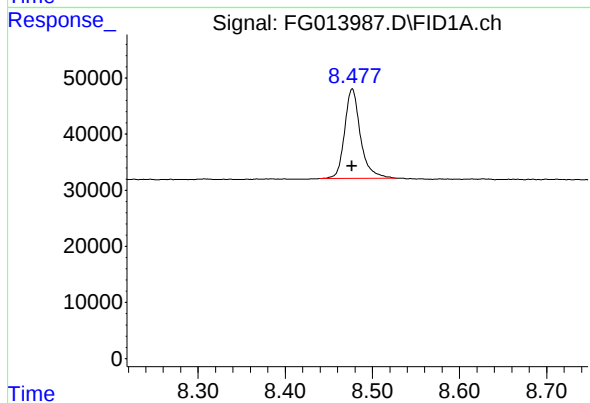
#2 N-DECANE

R.T.: 4.472 min
Delta R.T.: -0.003 min
Response: 187468
Conc: 1.50 ug/ml



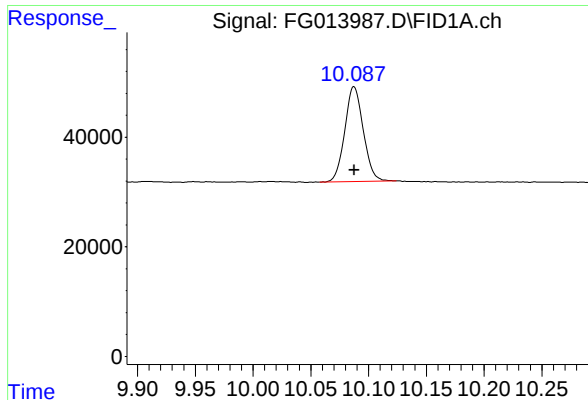
#3 N-DODECANE

R.T.: 6.644 min
Delta R.T.: -0.001 min
Response: 184588
Conc: 1.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 201877
Conc: 1.54 ug/ml



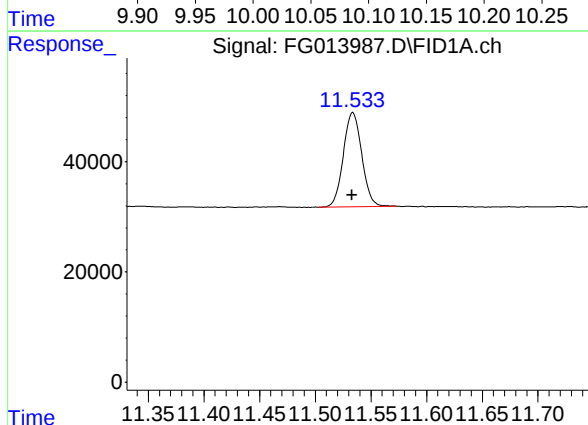
#5 N-HEXADECANE

R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 193379
Conc: 1.45 ug/ml

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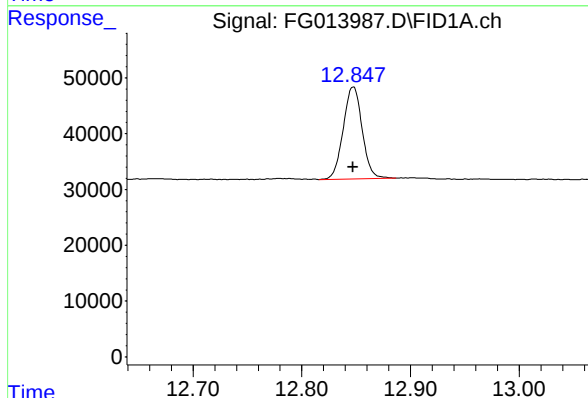
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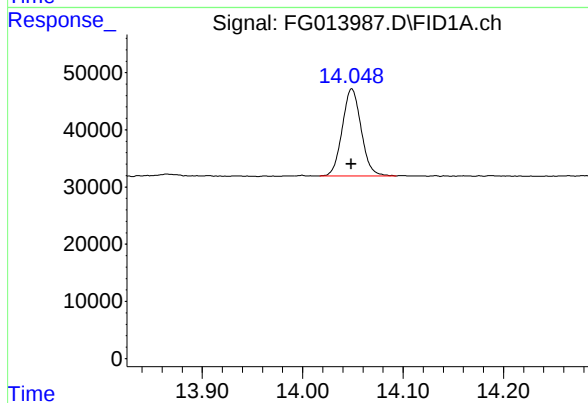
#6 N-OCTADECANE

R.T.: 11.534 min
Delta R.T.: 0.000 min
Response: 196760
Conc: 1.44 ug/ml



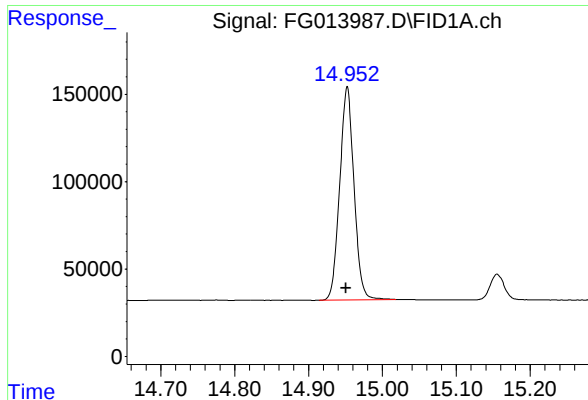
#7 N-EICOSANE

R.T.: 12.847 min
Delta R.T.: 0.000 min
Response: 199279
Conc: 1.49 ug/ml



#8 N-DOCOSANE

R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 199301
Conc: 1.51 ug/ml



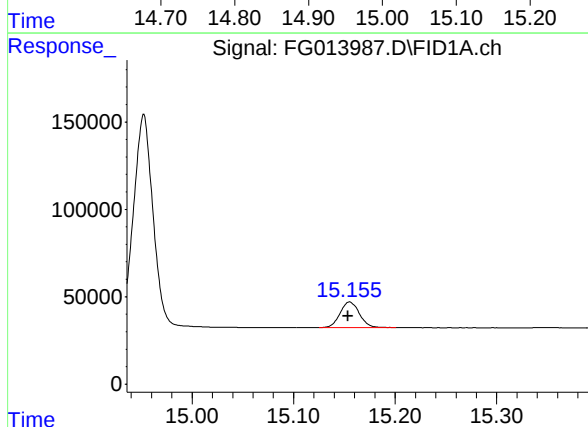
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.952 min
Delta R.T.: 0.002 min
Response: 1641582
Conc: 13.57 ug/ml

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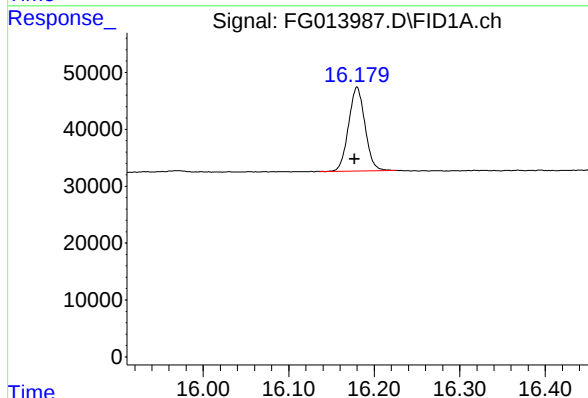
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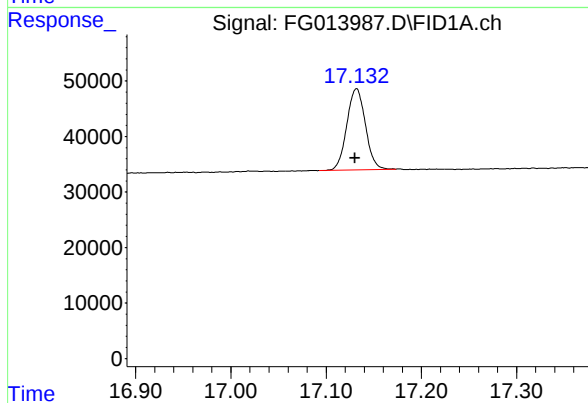
#10 N-TETRACOSANE

R.T.: 15.155 min
Delta R.T.: 0.002 min
Response: 195633
Conc: 1.50 ug/ml



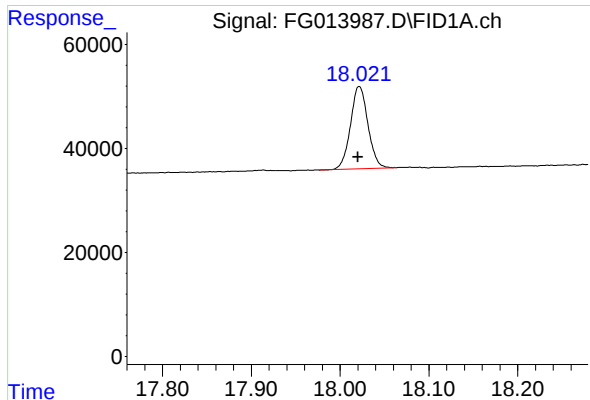
#11 N-HEXACOSANE

R.T.: 16.180 min
Delta R.T.: 0.003 min
Response: 196630
Conc: 1.53 ug/ml



#12 N-OCTACOSANE

R.T.: 17.132 min
Delta R.T.: 0.002 min
Response: 198016
Conc: 1.56 ug/ml



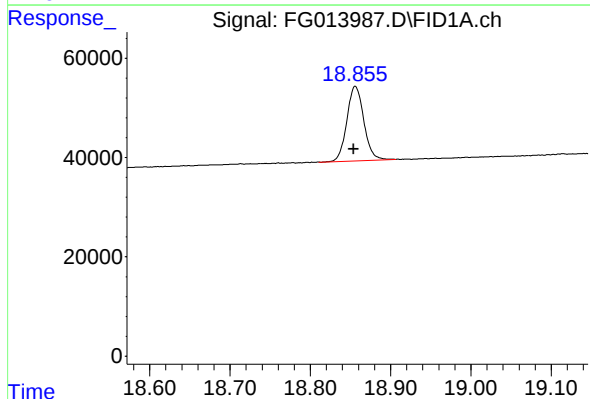
#13 N-TRIACONTANE

R.T.: 18.022 min
Delta R.T.: 0.001 min
Response: 215798
Conc: 1.72 ug/ml

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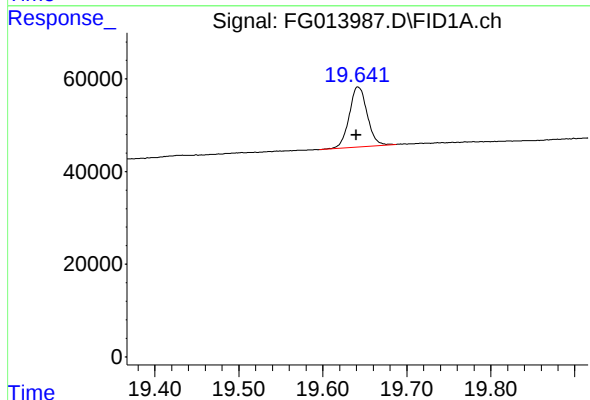
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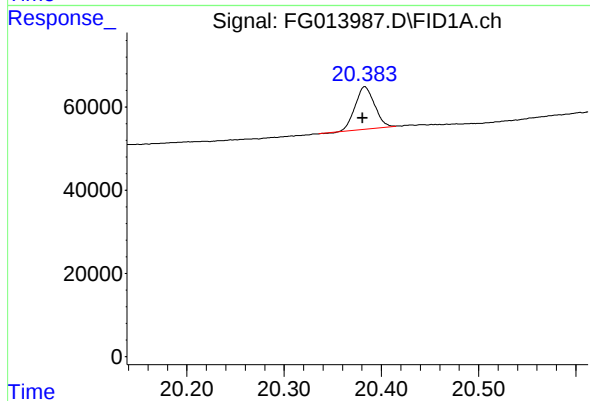
#14 N-DOTRIACONTANE

R.T.: 18.856 min
Delta R.T.: 0.002 min
Response: 220460
Conc: 1.81 ug/ml



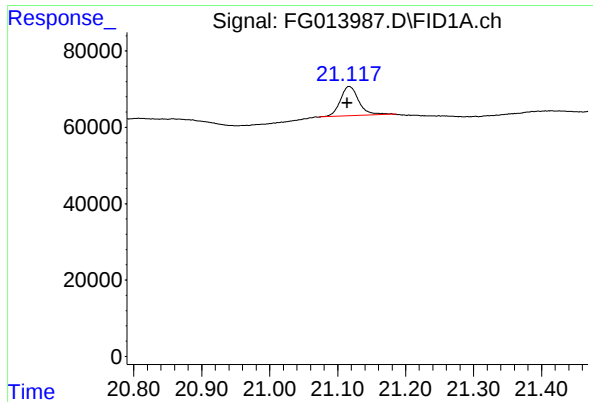
#15 N-TETRATRIACONTANE

R.T.: 19.642 min
Delta R.T.: 0.002 min
Response: 191437
Conc: 1.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.383 min
Delta R.T.: 0.002 min
Response: 141001
Conc: 1.69 ug/ml



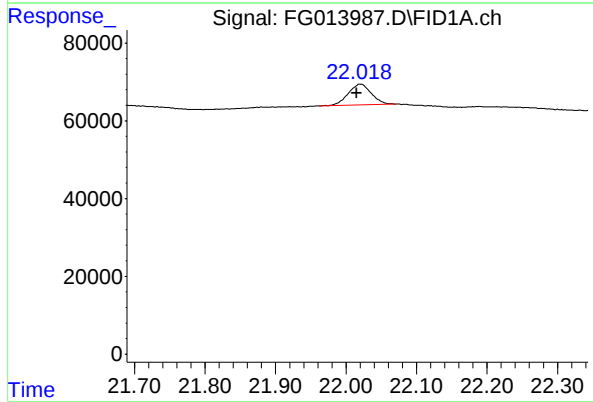
#17 N-OCTATRIACONTANE

R.T.: 21.117 min
Delta R.T.: 0.002 min
Response: 143097
Conc: 1.92 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.020 min
Delta R.T.: 0.005 min
Response: 122588
Conc: 1.77 ug/ml