

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424\
 Data File : FE050638.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2024 14:20
 Operator : YP\AJ
 Sample : P4368-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-06-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 03:04:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.944	2396033	17.194 ug/ml
Target Compounds			
1) N-OCTANE	1.991	143121	0.956 ug/ml
2) N-DECANE	4.499	142457	0.921 ug/ml
3) N-DODECANE	6.667	148829	0.960 ug/mlm
4) N-TETRADECANE	8.495	158535	1.009 ug/mlm
5) N-HEXADECANE	10.102	168770	1.074 ug/mlm
6) N-OCTADECANE	11.542	169666	1.058 ug/mlm
7) N-EICOSANE	12.850	164399	1.017 ug/ml
8) N-DOCOSANE	14.045	165583	1.056 ug/ml
10) N-TETRACOSANE	15.147	169886	1.083 ug/ml
11) N-HEXACOSANE	16.167	171926	1.091 ug/ml
12) N-OCTACOSANE	17.115	195309	1.223 ug/ml
13) N-TRIACONTANE	18.002	241863	1.436 ug/ml
14) N-DOTRIACONTANE	18.833	249063	1.433 ug/ml
15) N-TETRATRIACONTANE	19.617	194446	1.098 ug/ml
16) N-HEXATRIACONTANE	20.356	139708	0.817 ug/ml
17) N-OCTATRIACONTANE	21.084	132244	0.785 ug/mlm
18) N-TETRACONTANE	21.968	275561	1.790 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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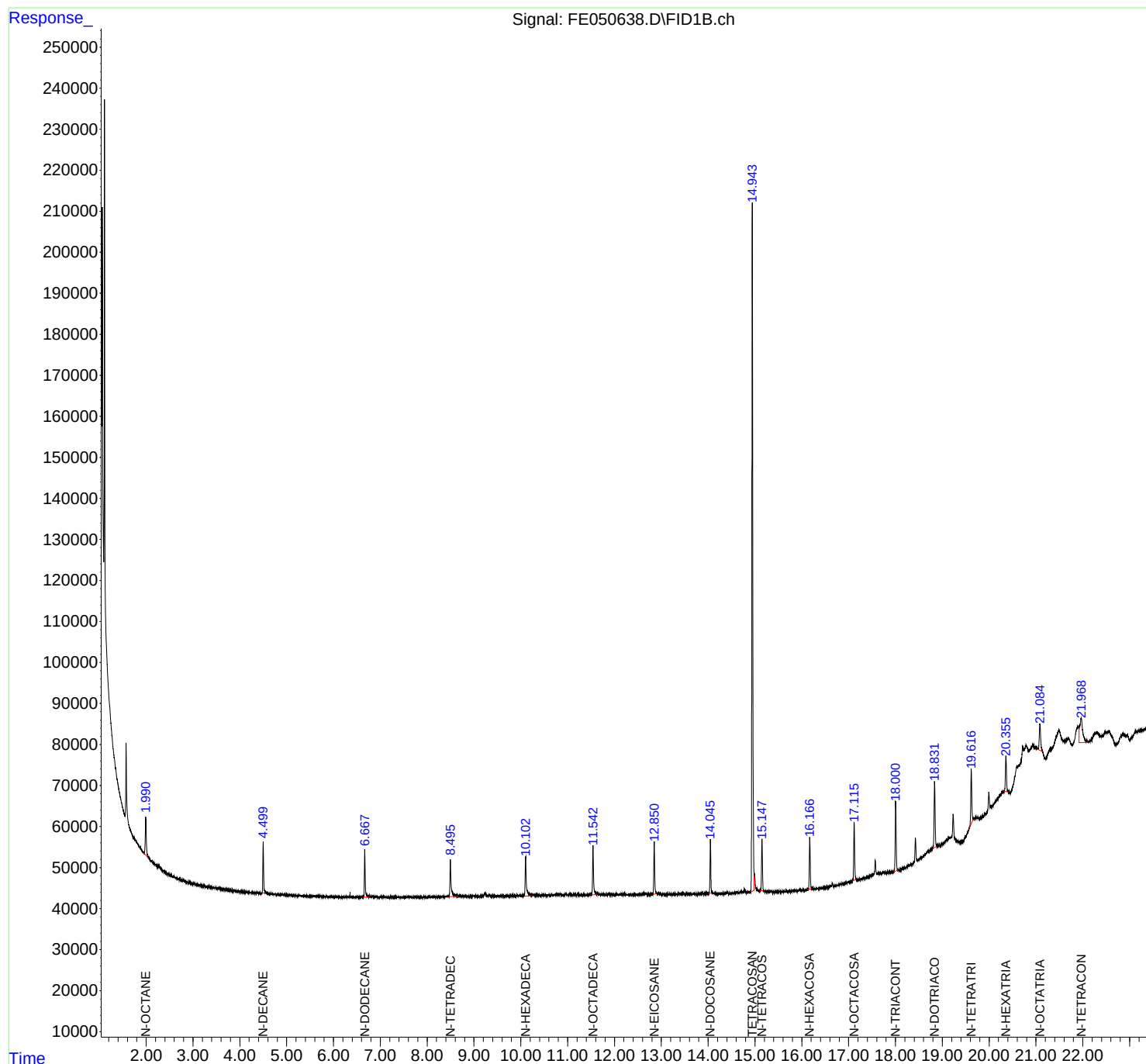
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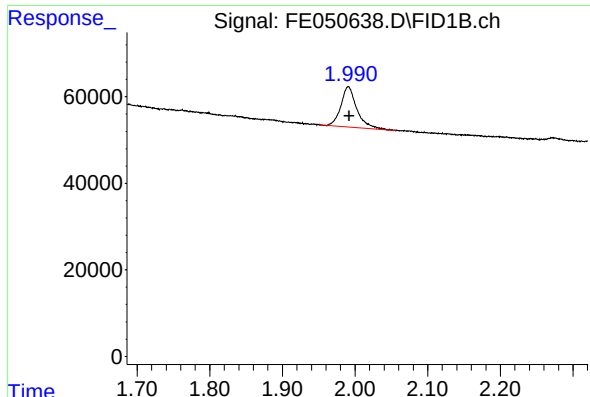
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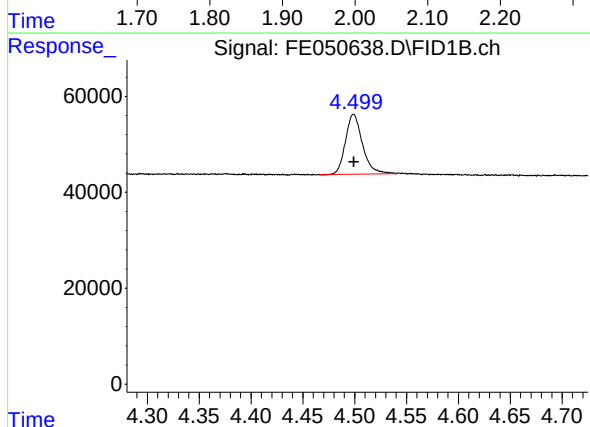
#1 N-OCTANE

R.T.: 1.991 min
Delta R.T.: -0.001 min
Response: 143121
Conc: 0.96 ug/ml

Instrument :
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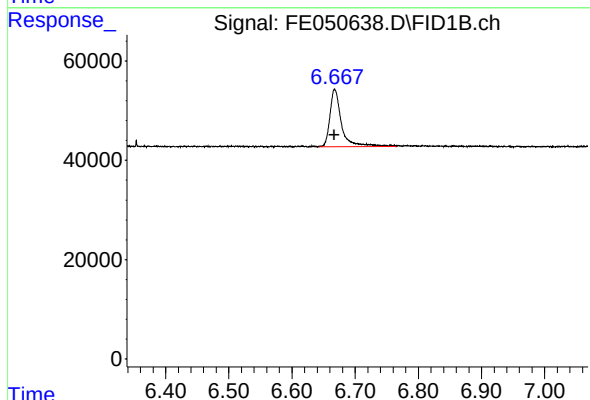
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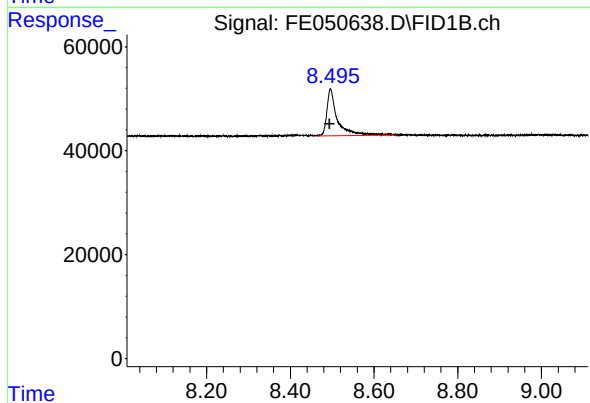
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 142457
Conc: 0.92 ug/ml



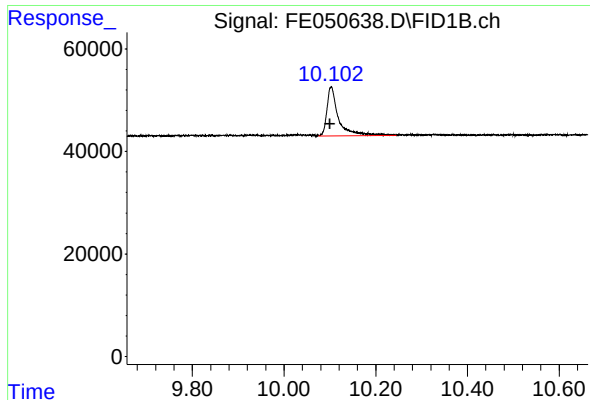
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 148829
Conc: 0.96 ug/ml m



#4 N-TETRADECANE

R.T.: 8.495 min
Delta R.T.: 0.001 min
Response: 158535
Conc: 1.01 ug/ml m



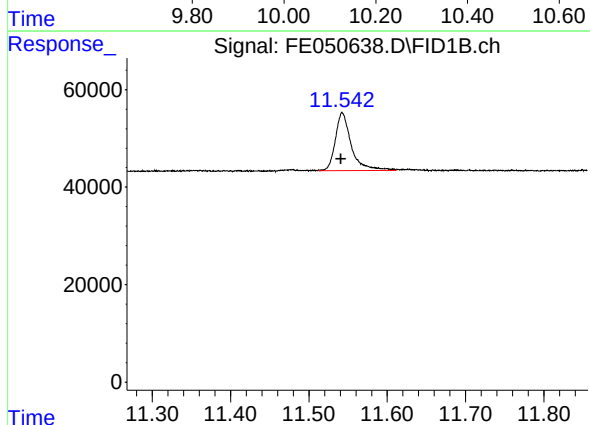
#5 N-HEXADECANE

R.T.: 10.102 min
Delta R.T.: 0.002 min
Response: 168770
Conc: 1.07 ug/ml

Instrument :
FID_E
ClientSampleId :
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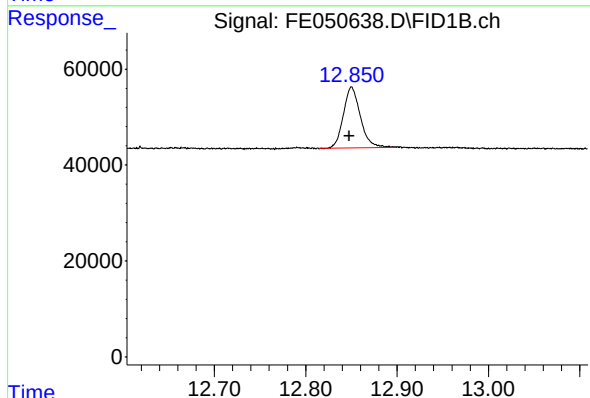
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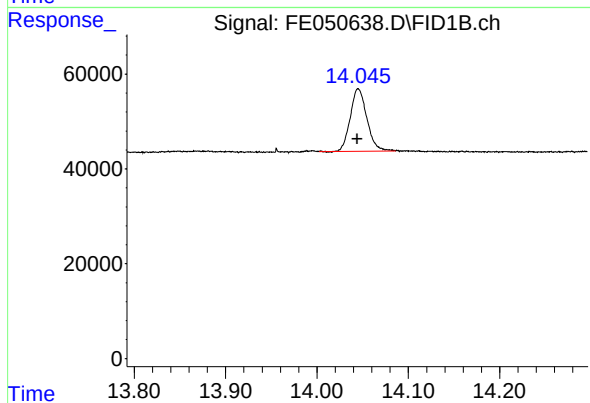
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: 0.001 min
Response: 169666
Conc: 1.06 ug/ml m



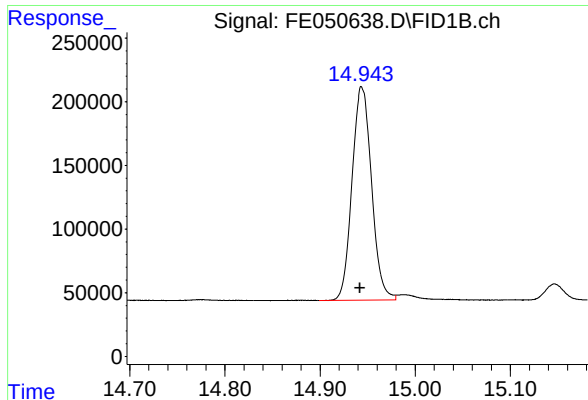
#7 N-EICOSANE

R.T.: 12.850 min
Delta R.T.: 0.002 min
Response: 164399
Conc: 1.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.045 min
Delta R.T.: 0.001 min
Response: 165583
Conc: 1.06 ug/ml



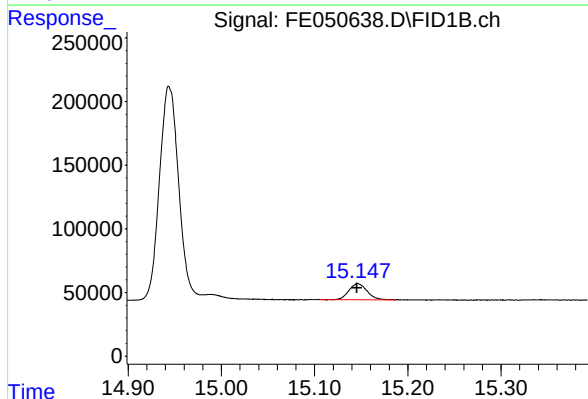
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.944 min
Delta R.T.: 0.002 min
Response: 2396033
Conc: 17.19 ug/ml

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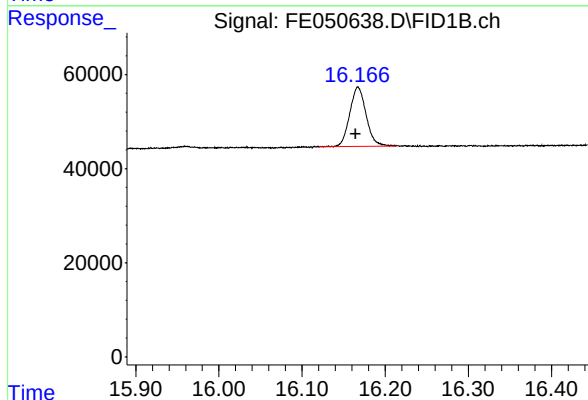
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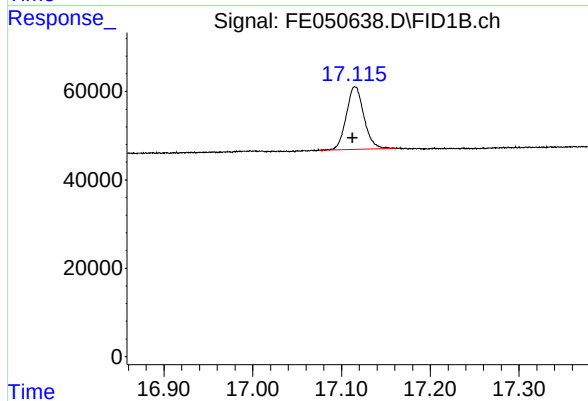
#10 N-TETRACOSANE

R.T.: 15.147 min
Delta R.T.: 0.001 min
Response: 169886
Conc: 1.08 ug/ml



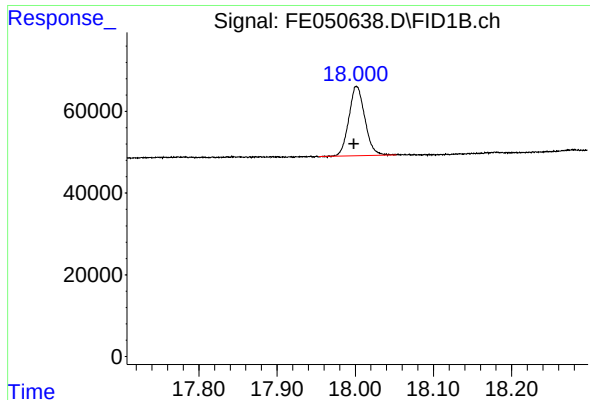
#11 N-HEXACOSANE

R.T.: 16.167 min
Delta R.T.: 0.003 min
Response: 171926
Conc: 1.09 ug/ml



#12 N-OCTACOSANE

R.T.: 17.115 min
Delta R.T.: 0.003 min
Response: 195309
Conc: 1.22 ug/ml



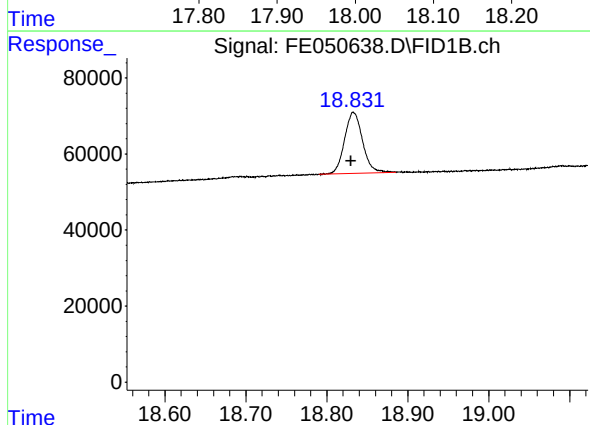
#13 N-TRIACONTANE

R.T.: 18.002 min
Delta R.T.: 0.003 min
Response: 241863
Conc: 1.44 ug/ml

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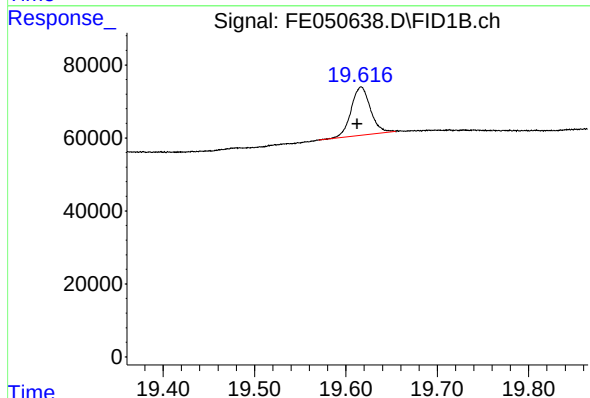
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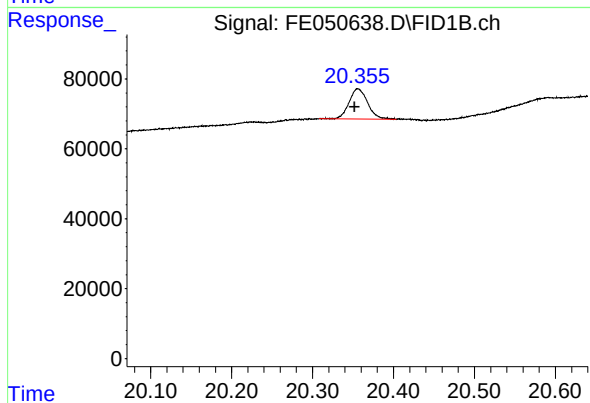
#14 N-DOTRIACONTANE

R.T.: 18.833 min
Delta R.T.: 0.003 min
Response: 249063
Conc: 1.43 ug/ml



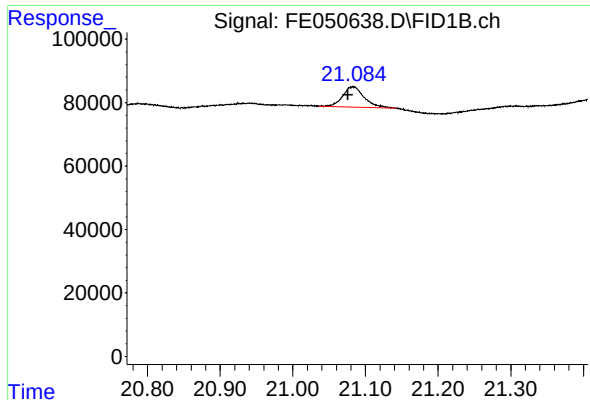
#15 N-TETRATRIACONTANE

R.T.: 19.617 min
Delta R.T.: 0.005 min
Response: 194446
Conc: 1.10 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.356 min
Delta R.T.: 0.004 min
Response: 139708
Conc: 0.82 ug/ml



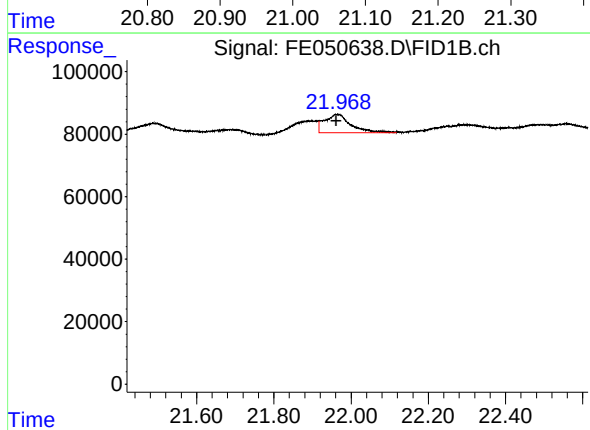
#17 N-OCTATRIACONTANE

R.T.: 21.084 min
Delta R.T.: 0.008 min
Response: 132244
Conc: 0.79 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.968 min
Delta R.T.: 0.006 min
Response: 275561
Conc: 1.79 ug/ml m