

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050593.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 16:28
 Operator : YP\AJ
 Sample : P4368-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 03:20:19 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...	14.942	2376315	17.053 ug/ml
Target Compounds			
1) N-OCTANE	1.991	115694	0.773 ug/ml
2) N-DECANE	4.500	134365	0.869 ug/mlm
3) N-DODECANE	6.668	133273	0.859 ug/mlm
4) N-TETRADECANE	8.496	139914	0.890 ug/mlm
5) N-HEXADECANE	10.104	151372	0.963 ug/mlm
6) N-OCTADECANE	11.542	161386	1.006 ug/mlm
7) N-EICOSANE	12.847	163980	1.014 ug/mlm
8) N-DOCOSANE	14.043	157794	1.006 ug/ml
10) N-TETRACOSANE	15.144	161022	1.026 ug/ml
11) N-HEXACOSANE	16.166	160286	1.017 ug/ml
12) N-OCTACOSANE	17.114	165127	1.034 ug/ml
13) N-TRIACONTANE	17.999	173196	1.029 ug/ml
14) N-DOTRIACONTANE	18.831	160591	0.924 ug/ml
15) N-TETRATRIACONTANE	19.613	129141	0.729 ug/ml
16) N-HEXATRIACONTANE	20.352	94104	0.550 ug/ml
17) N-OCTATRIACONTANE	21.078	104876	0.623 ug/mlm
18) N-TETRACONTANE	21.960	103998	0.675 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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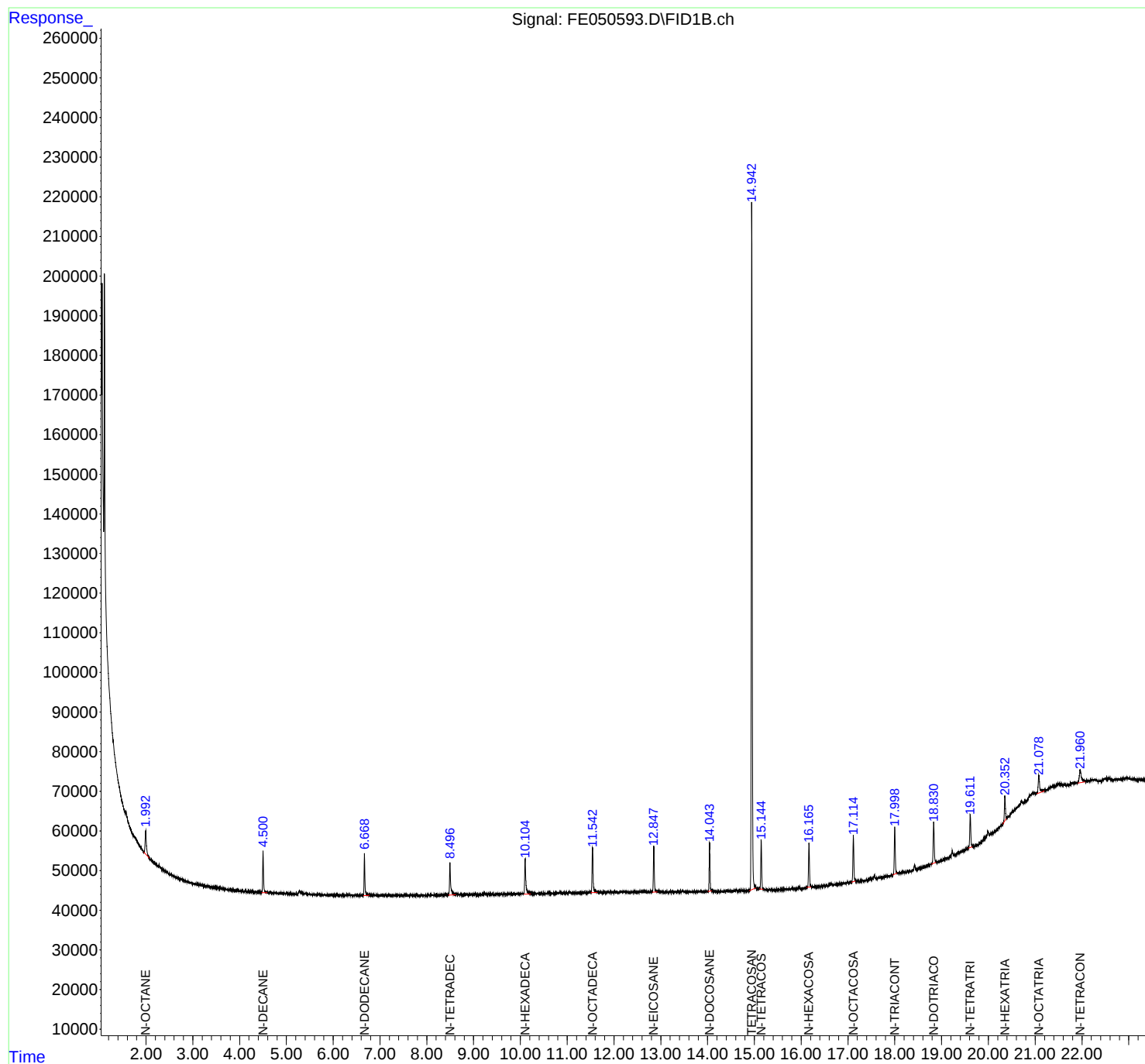
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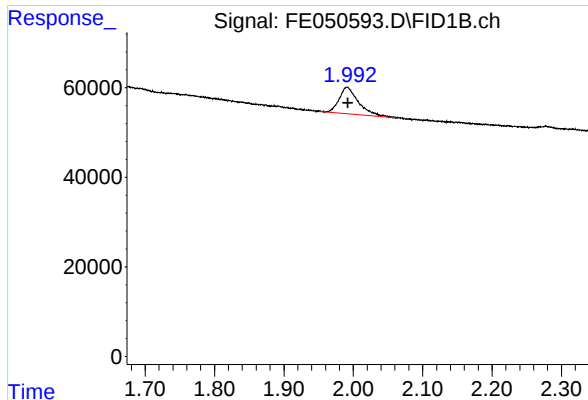
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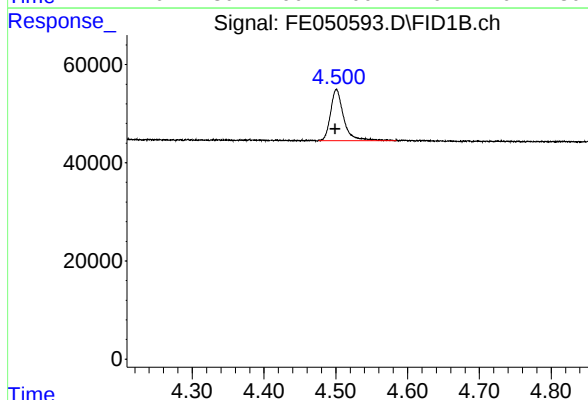
#1 N-OCTANE

R.T.: 1.991 min
Delta R.T.: 0.000 min
Response: 115694
Conc: 0.77 ug/ml

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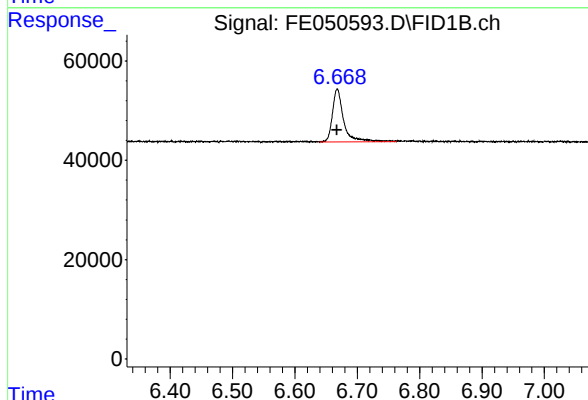
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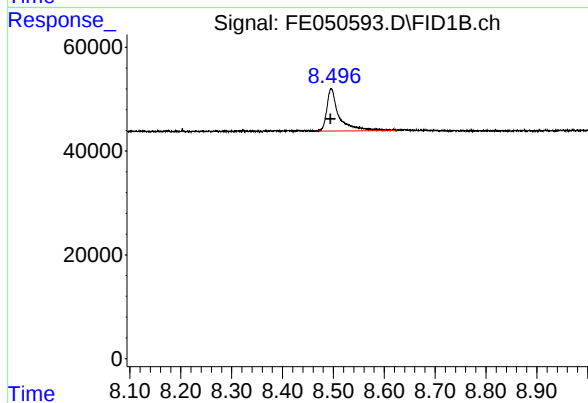
#2 N-DECANE

R.T.: 4.500 min
Delta R.T.: 0.001 min
Response: 134365
Conc: 0.87 ug/ml m



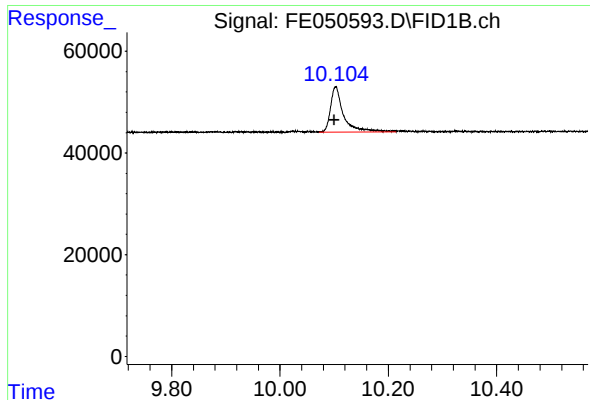
#3 N-DODECANE

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 133273
Conc: 0.86 ug/ml m



#4 N-TETRADECANE

R.T.: 8.496 min
Delta R.T.: 0.002 min
Response: 139914
Conc: 0.89 ug/ml m



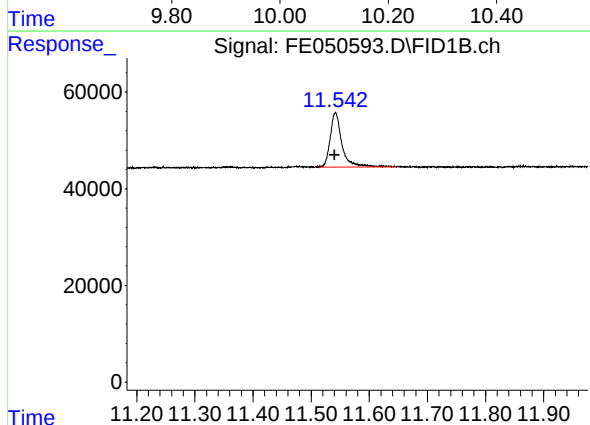
#5 N-HEXADECANE

R.T.: 10.104 min
Delta R.T.: 0.003 min
Response: 151372
Conc: 0.96 ug/ml

Instrument :
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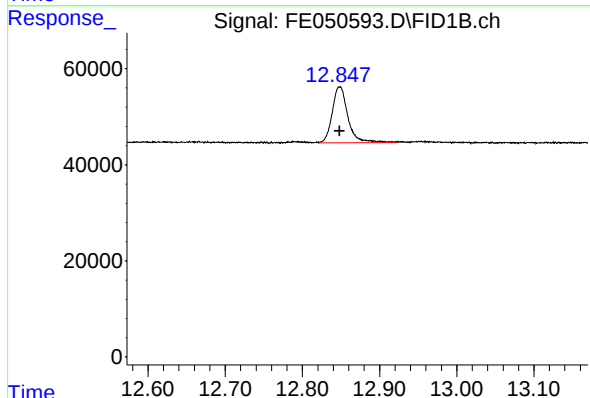
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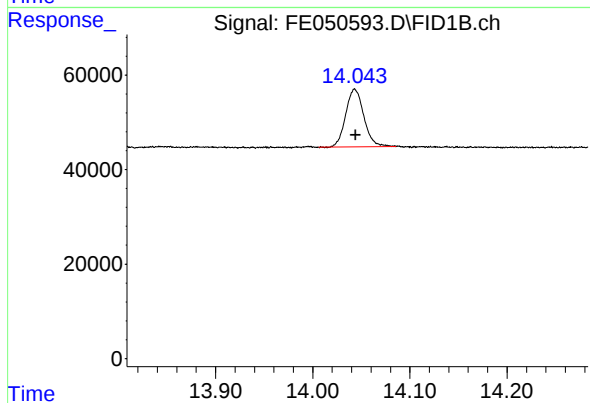
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: 0.001 min
Response: 161386
Conc: 1.01 ug/ml m



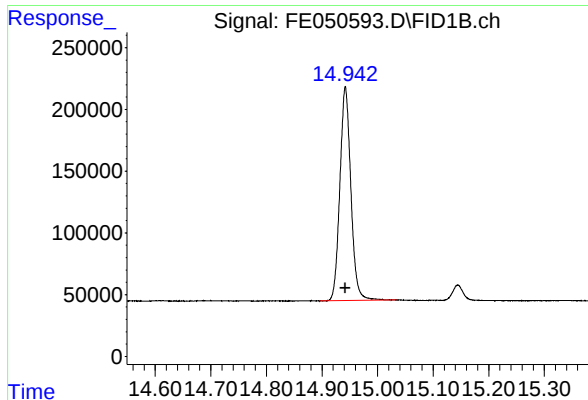
#7 N-EICOSANE

R.T.: 12.847 min
Delta R.T.: -0.001 min
Response: 163980
Conc: 1.01 ug/ml m



#8 N-DOCOSANE

R.T.: 14.043 min
Delta R.T.: 0.000 min
Response: 157794
Conc: 1.01 ug/ml



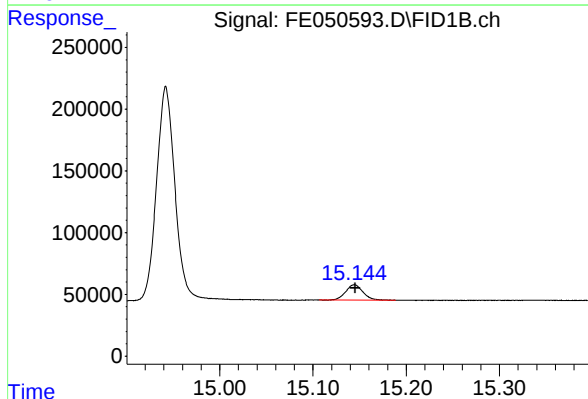
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.942 min
Delta R.T.: 0.000 min
Response: 2376315
Conc: 17.05 ug/ml

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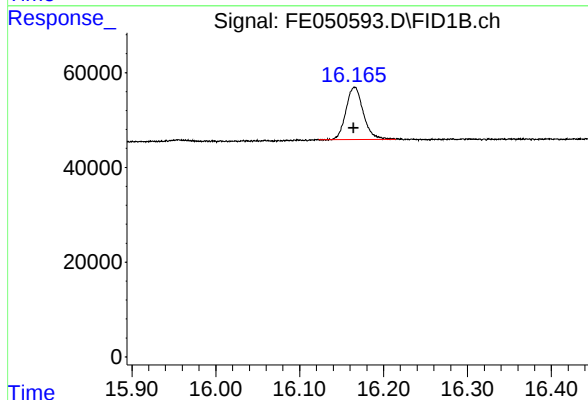
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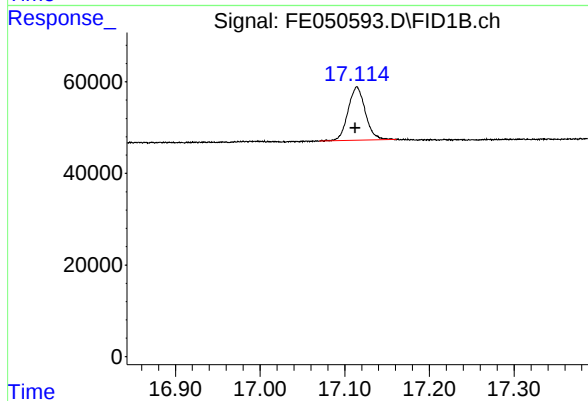
#10 N-TETRACOSANE

R.T.: 15.144 min
Delta R.T.: 0.000 min
Response: 161022
Conc: 1.03 ug/ml



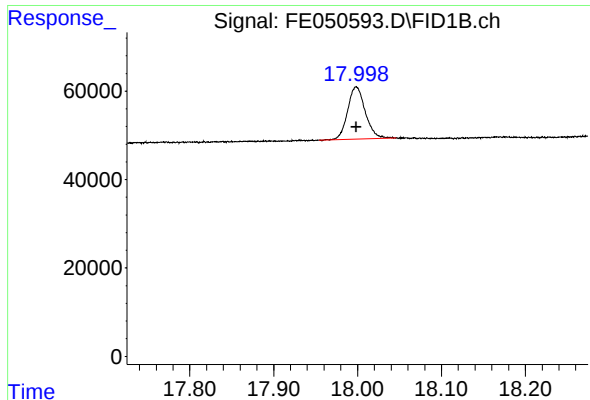
#11 N-HEXACOSANE

R.T.: 16.166 min
Delta R.T.: 0.001 min
Response: 160286
Conc: 1.02 ug/ml



#12 N-OCTACOSANE

R.T.: 17.114 min
Delta R.T.: 0.002 min
Response: 165127
Conc: 1.03 ug/ml



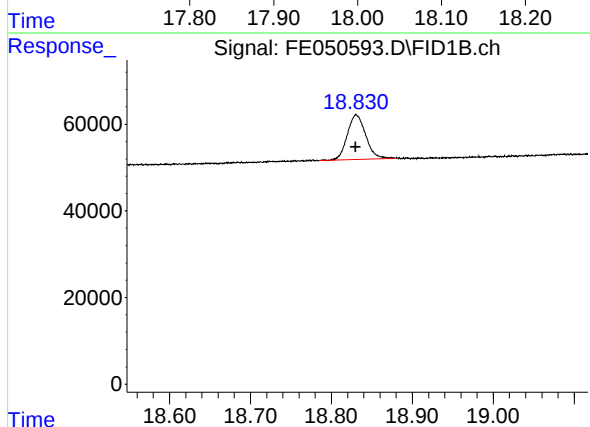
#13 N-TRIACONTANE

R.T.: 17.999 min
Delta R.T.: 0.000 min
Response: 173196
Conc: 1.03 ug/ml

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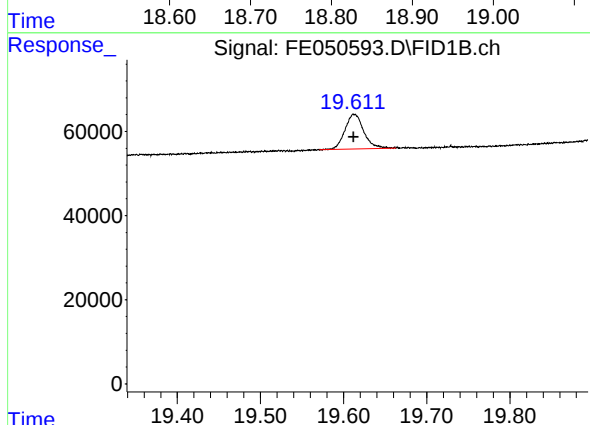
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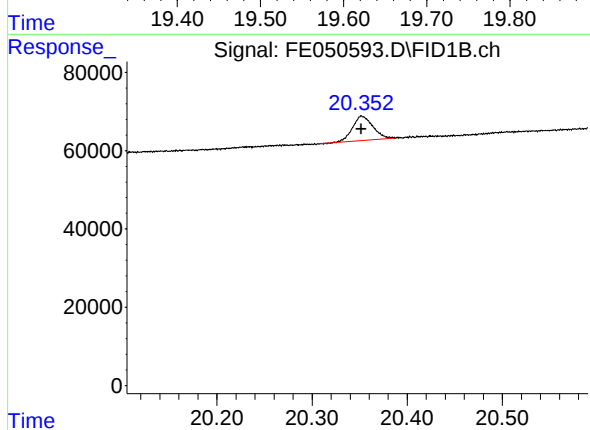
#14 N-DOTRIACONTANE

R.T.: 18.831 min
Delta R.T.: 0.000 min
Response: 160591
Conc: 0.92 ug/ml



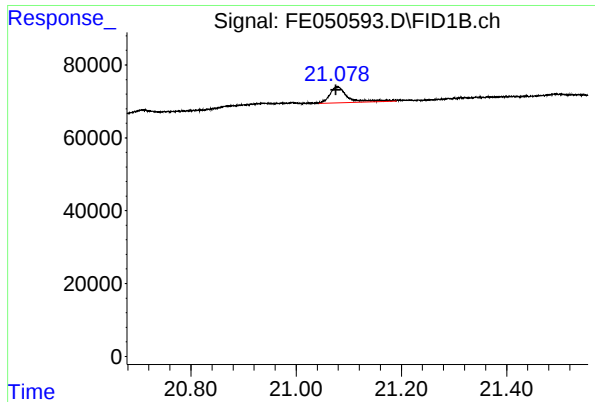
#15 N-TETRATRIACONTANE

R.T.: 19.613 min
Delta R.T.: 0.000 min
Response: 129141
Conc: 0.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.352 min
Delta R.T.: 0.000 min
Response: 94104
Conc: 0.55 ug/ml



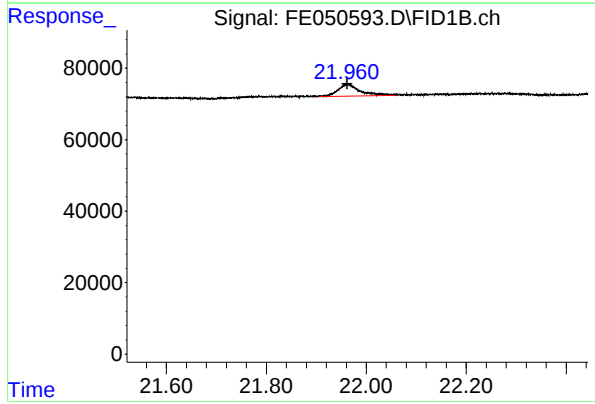
#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: 0.002 min
Response: 104876
Conc: 0.62 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.960 min
Delta R.T.: -0.001 min
Response: 103998
Conc: 0.68 ug/ml m