

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050596.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 17:59
 Operator : YP\AJ
 Sample : P4368-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-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 03:20:52 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	2316114	16.621 ug/ml
Target Compounds			
1) N-OCTANE	1.991	122967	0.821 ug/ml
2) N-DECANE	4.500	123620	0.799 ug/ml
3) N-DODECANE	6.668	123507	0.796 ug/mlm
4) N-TETRADECANE	8.495	132958	0.846 ug/mlm
5) N-HEXADECANE	10.102	143977	0.916 ug/mlm
6) N-OCTADECANE	11.542	158258	0.987 ug/mlm
7) N-EICOSANE	12.848	151899	0.939 ug/ml
8) N-DOCOSANE	14.043	153788	0.981 ug/ml
10) N-TETRACOSANE	15.145	158242	1.009 ug/ml
11) N-HEXACOSANE	16.165	153658	0.975 ug/ml
12) N-OCTACOSANE	17.113	159749	1.000 ug/ml
13) N-TRIACONTANE	17.998	171617	1.019 ug/ml
14) N-DOTRIACONTANE	18.830	153842	0.885 ug/ml
15) N-TETRATRIACONTANE	19.613	121820	0.688 ug/ml
16) N-HEXATRIACONTANE	20.353	92026	0.538 ug/ml
17) N-OCTATRIACONTANE	21.078	78947	0.469 ug/mlm
18) N-TETRACONTANE	21.958	102112	0.663 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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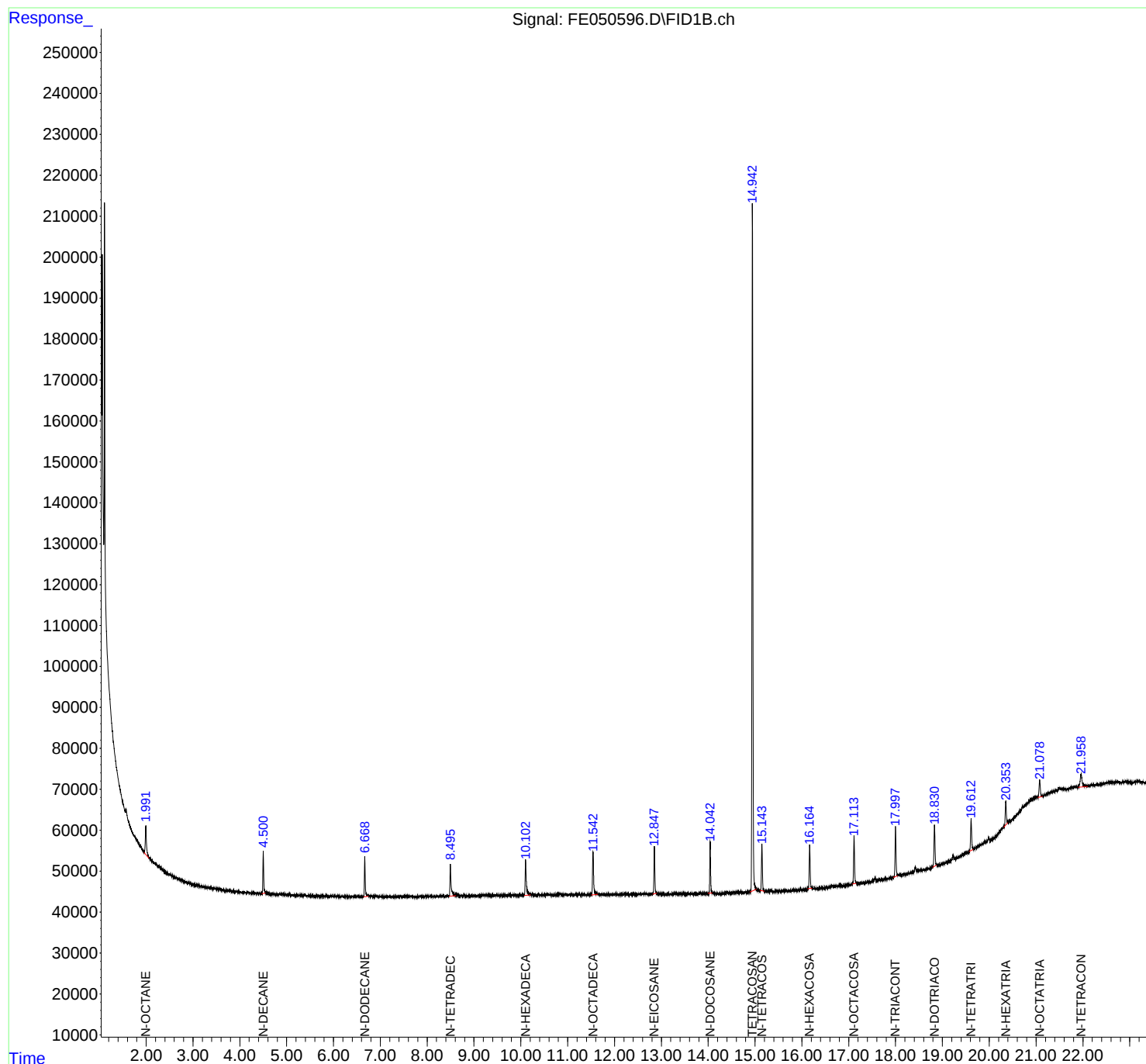
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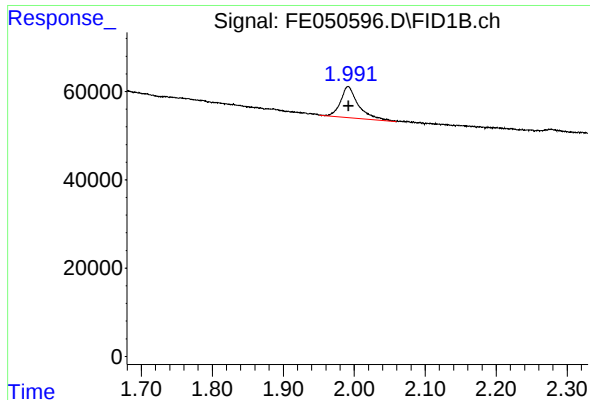
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#1 N-OCTANE

R.T.: 1.991 min
Delta R.T.: 0.000 min
Response: 122967
Conc: 0.82 ug/ml

Instrument :

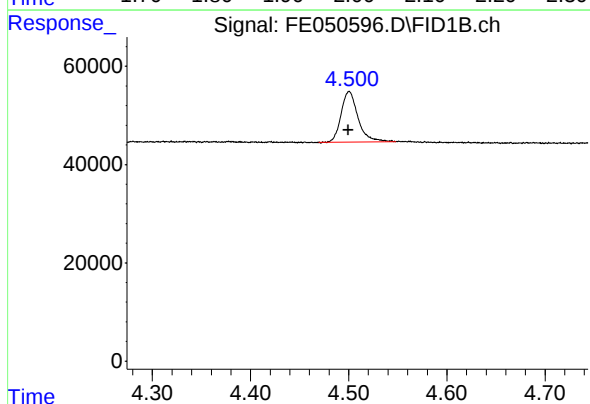
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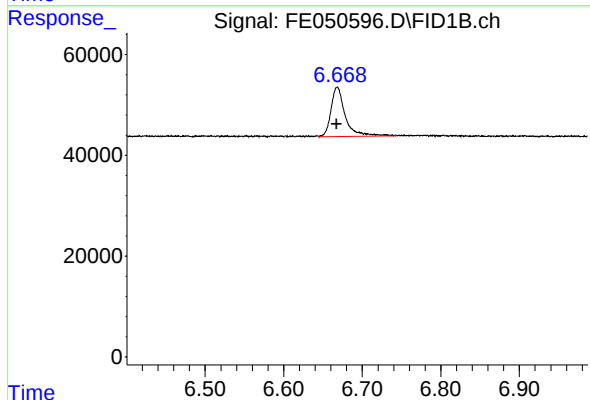
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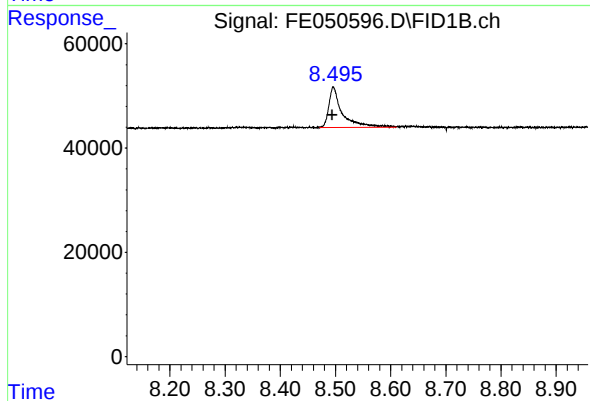
#2 N-DECANE

R.T.: 4.500 min
Delta R.T.: 0.001 min
Response: 123620
Conc: 0.80 ug/ml



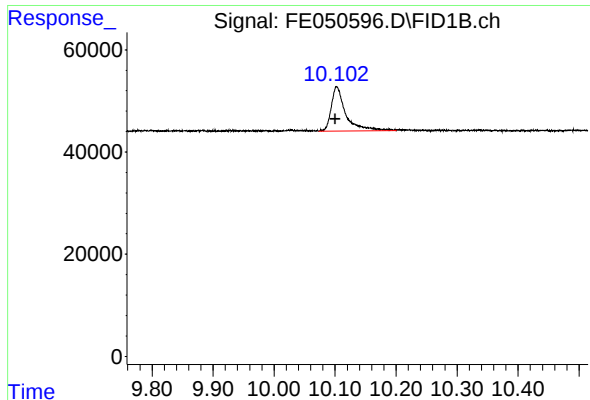
#3 N-DODECANE

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 123507
Conc: 0.80 ug/ml m



#4 N-TETRADECANE

R.T.: 8.495 min
Delta R.T.: 0.001 min
Response: 132958
Conc: 0.85 ug/ml m



#5 N-HEXADECANE

R.T.: 10.102 min
Delta R.T.: 0.002 min
Response: 143977
Conc: 0.92 ug/ml

Instrument :

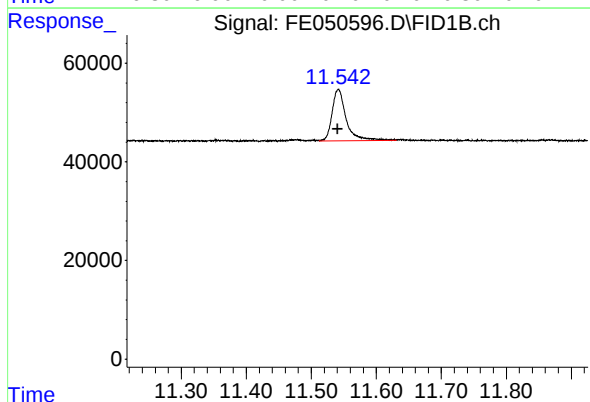
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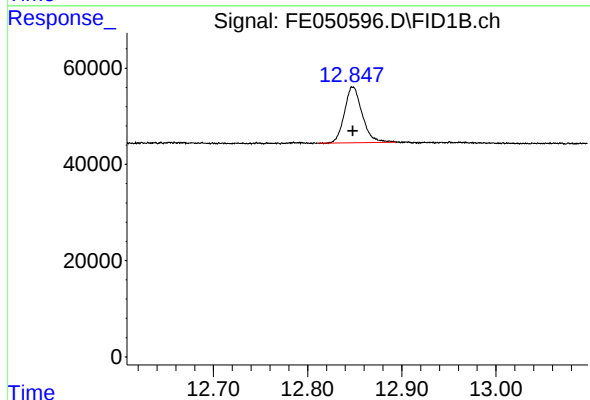
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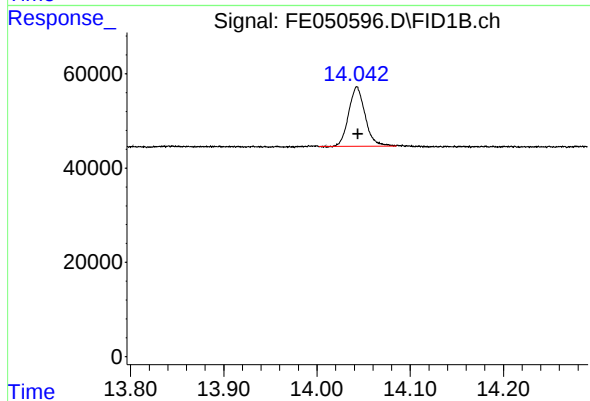
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: 0.001 min
Response: 158258
Conc: 0.99 ug/ml m



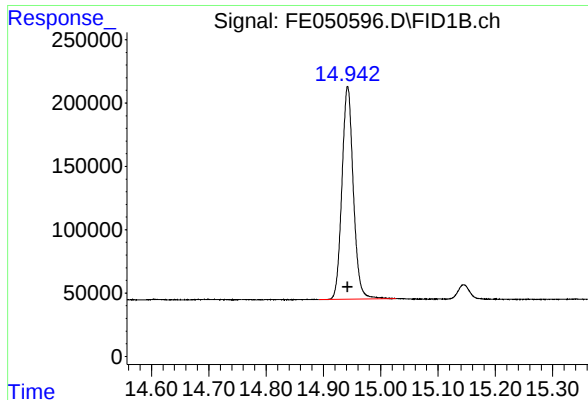
#7 N-EICOSANE

R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 151899
Conc: 0.94 ug/ml



#8 N-DOCOSANE

R.T.: 14.043 min
Delta R.T.: -0.001 min
Response: 153788
Conc: 0.98 ug/ml



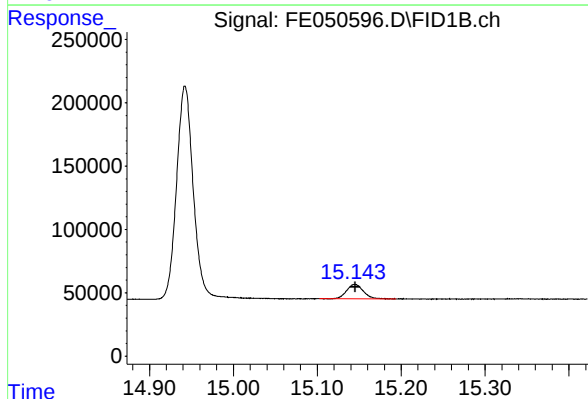
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.942 min
Delta R.T.: 0.000 min
Response: 2316114
Conc: 16.62 ug/ml

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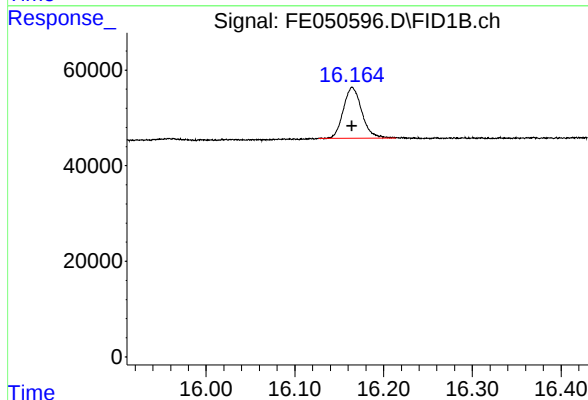
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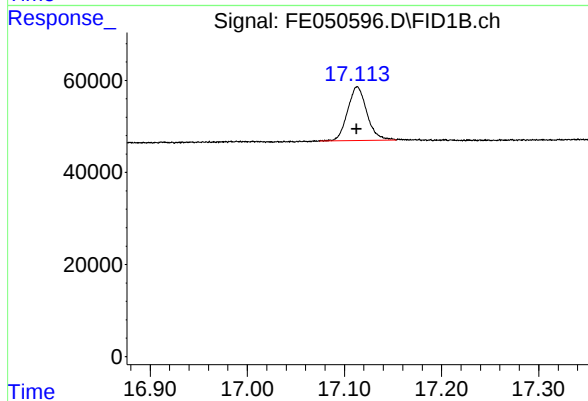
#10 N-TETRACOSANE

R.T.: 15.145 min
Delta R.T.: 0.000 min
Response: 158242
Conc: 1.01 ug/ml



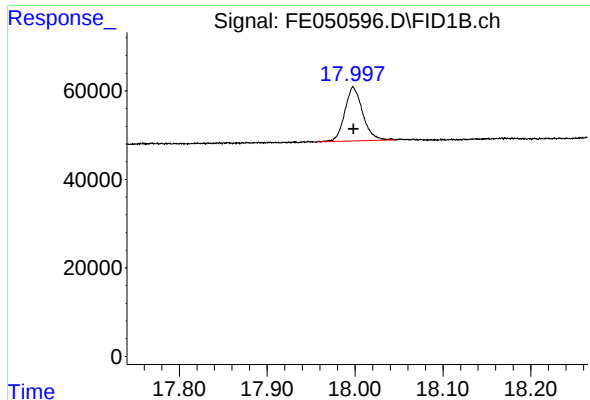
#11 N-HEXACOSANE

R.T.: 16.165 min
Delta R.T.: 0.000 min
Response: 153658
Conc: 0.97 ug/ml



#12 N-OCTACOSANE

R.T.: 17.113 min
Delta R.T.: 0.000 min
Response: 159749
Conc: 1.00 ug/ml



#13 N-TRIACONTANE

R.T.: 17.998 min
Delta R.T.: 0.000 min
Response: 171617
Conc: 1.02 ug/ml

Instrument :

FID_E

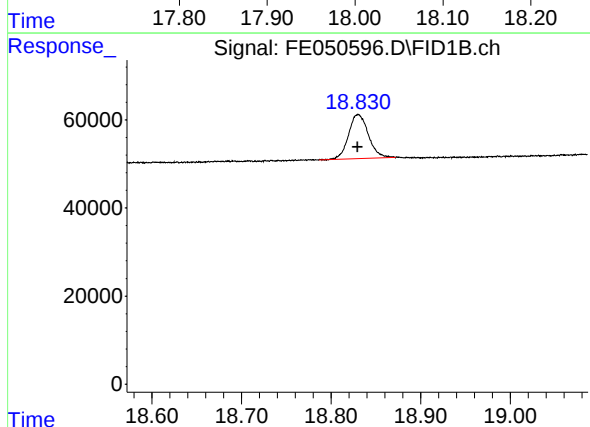
ClientSampleId :

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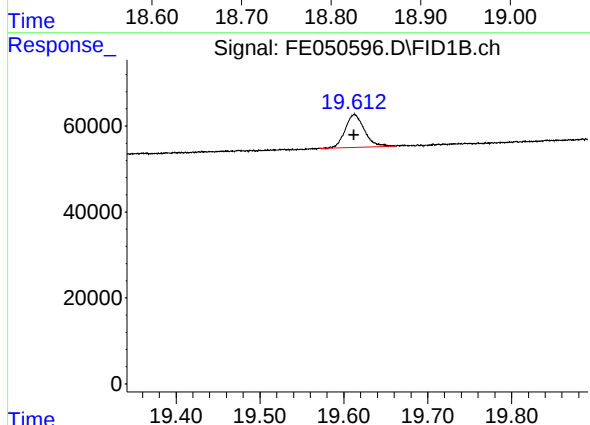
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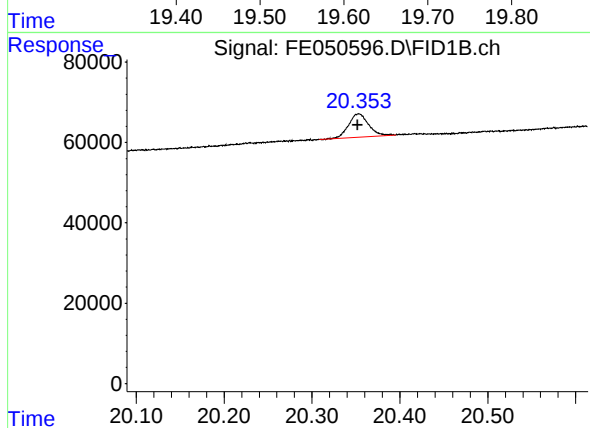
#14 N-DOTRIACONTANE

R.T.: 18.830 min
Delta R.T.: 0.000 min
Response: 153842
Conc: 0.88 ug/ml



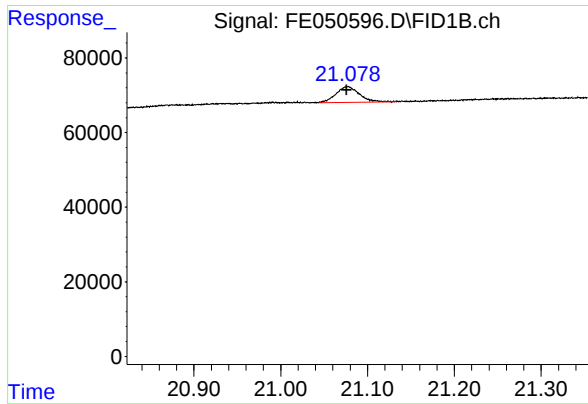
#15 N-TETRATRIACONTANE

R.T.: 19.613 min
Delta R.T.: 0.000 min
Response: 121820
Conc: 0.69 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.353 min
Delta R.T.: 0.002 min
Response: 92026
Conc: 0.54 ug/ml



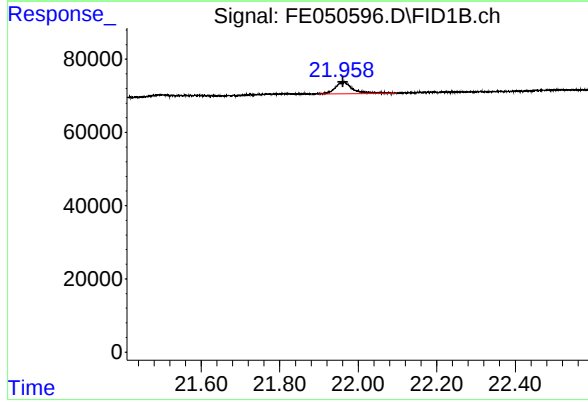
#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: 0.002 min
Response: 78947
Conc: 0.47 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.958 min
Delta R.T.: -0.004 min
Response: 102112
Conc: 0.66 ug/ml m