

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050924\
 Data File : FG013772.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2024 17:48
 Operator : YP\AJ
 Sample : P2403-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 04:11:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
 Quant Title :
 QLast Update : Thu May 09 14:35:12 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...	15.067	1962210	16.843 ug/ml
Target Compounds			
1) N-OCTANE	2.058	105043	0.849 ug/ml
2) N-DECANE	4.581	123052	0.971 ug/ml
3) N-DODECANE	6.751	125304	0.972 ug/ml
4) N-TETRADECANE	8.585	127529	0.970 ug/ml
5) N-HEXADECANE	10.198	133233	0.999 ug/ml
6) N-OCTADECANE	11.646	134937	0.991 ug/ml
7) N-EICOSANE	12.960	139972	1.016 ug/ml
8) N-DOCOSANE	14.163	136764	1.031 ug/ml
10) N-TETRACOSANE	15.270	144089	1.092 ug/ml
11) N-HEXACOSANE	16.295	135782	1.046 ug/ml
12) N-OCTACOSANE	17.247	134146	1.057 ug/ml
13) N-TRIACONTANE	18.139	141868	1.118 ug/ml
14) N-DOTRIACONTANE	18.973	179171	1.408 ug/ml
15) N-TETRATRIACONTANE	19.757	165210	1.414 ug/ml
16) N-HEXATRIACONTANE	20.498	175976	1.597 ug/mlm
17) N-OCTATRIACONTANE	21.254	154276	1.547 ug/ml
18) N-TETRACONTANE	22.195	155827	1.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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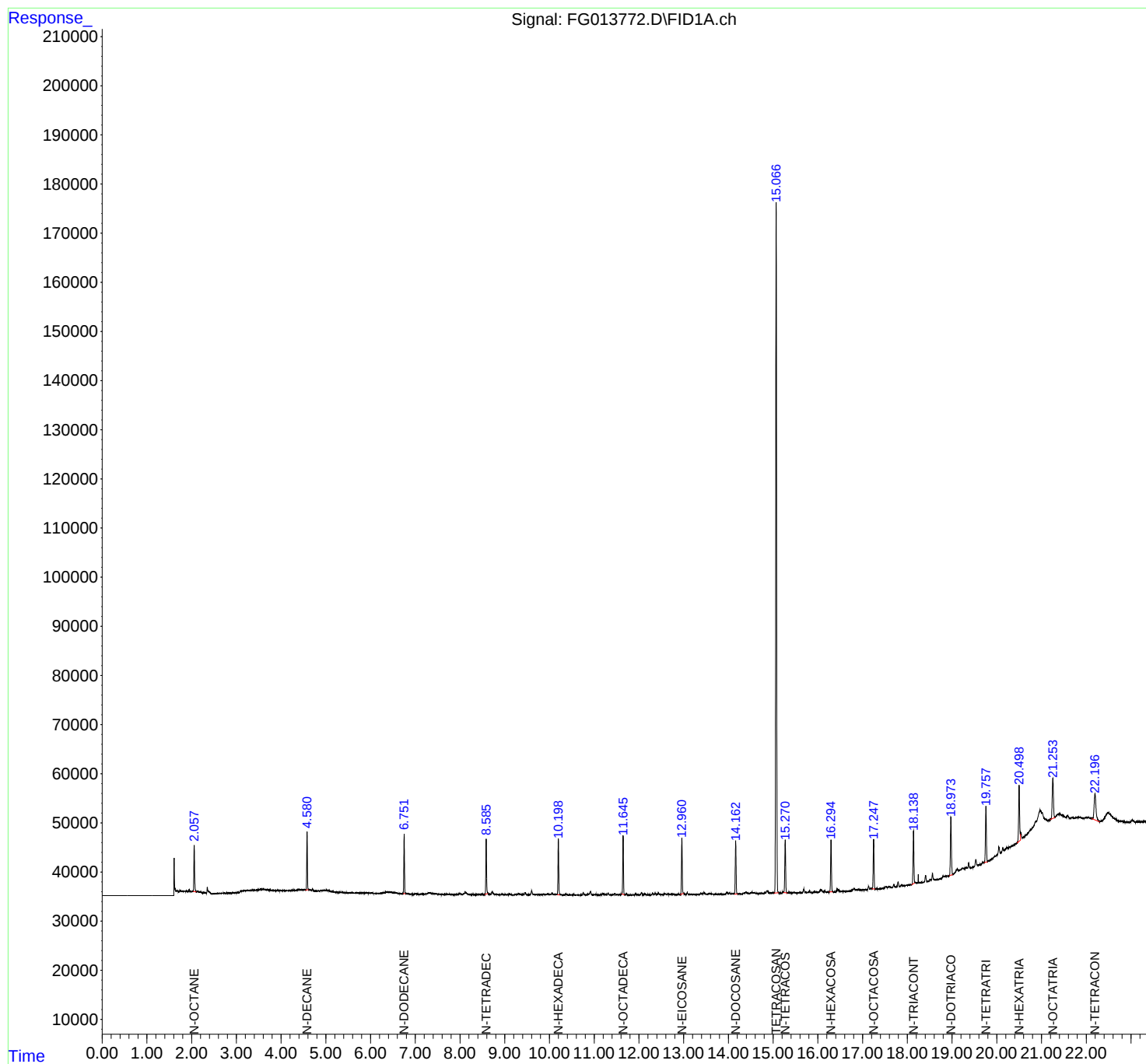
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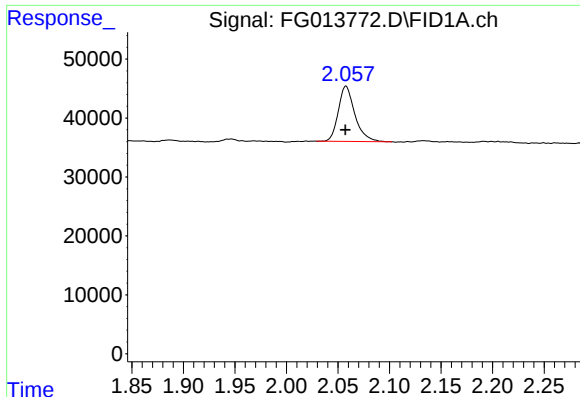
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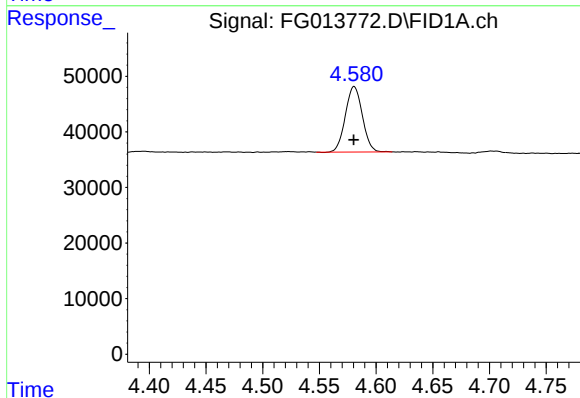
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 105043
Conc: 0.85 ug/ml

Instrument :
FID_G
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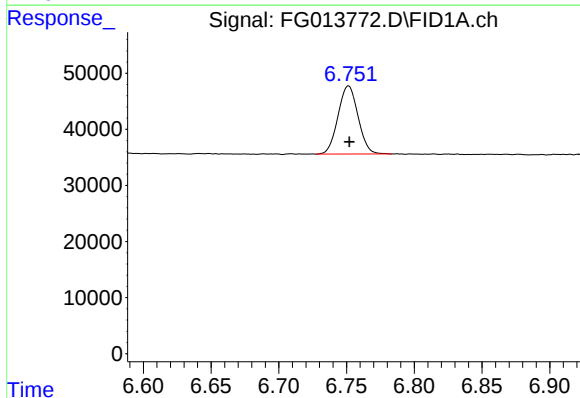
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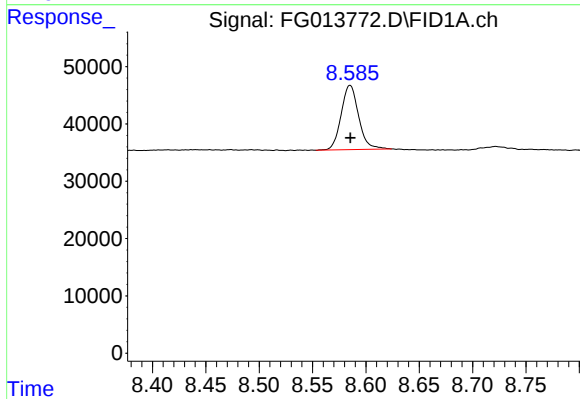
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 123052
Conc: 0.97 ug/ml



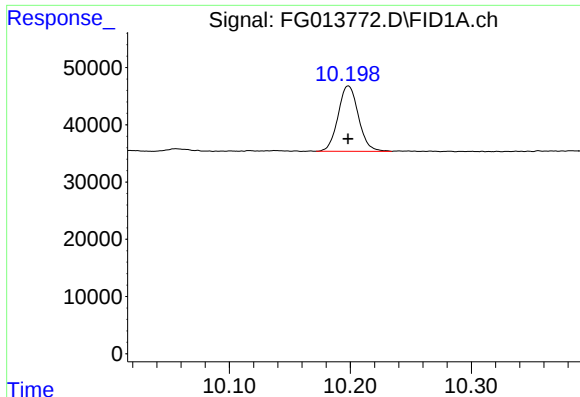
#3 N-DODECANE

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 125304
Conc: 0.97 ug/ml



#4 N-TETRADECANE

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 127529
Conc: 0.97 ug/ml



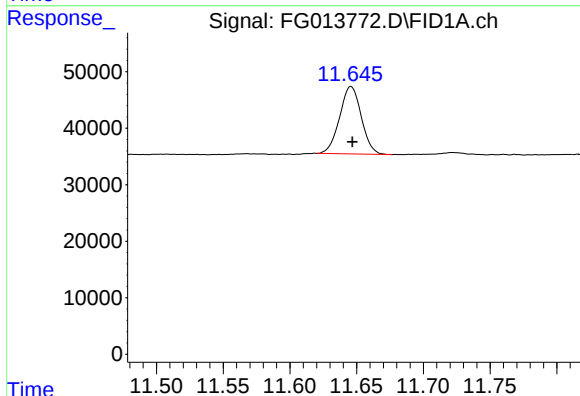
#5 N-HEXADECANE

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 133233
Conc: 1.00 ug/ml

Instrument :
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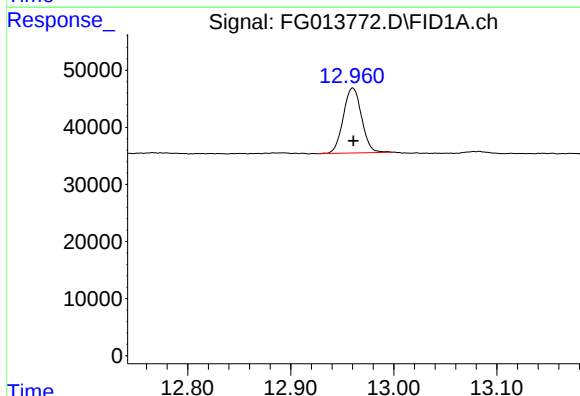
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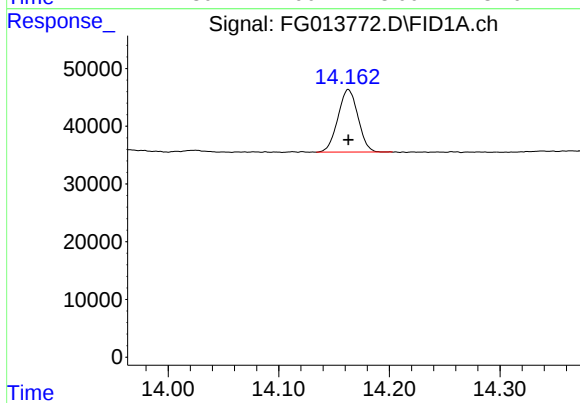
#6 N-OCTADECANE

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 134937
Conc: 0.99 ug/ml



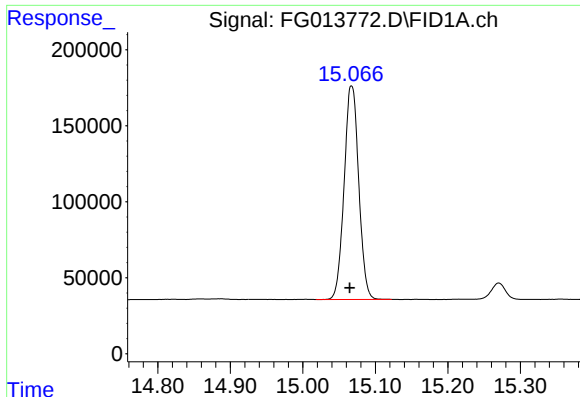
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 139972
Conc: 1.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.163 min
Delta R.T.: 0.000 min
Response: 136764
Conc: 1.03 ug/ml



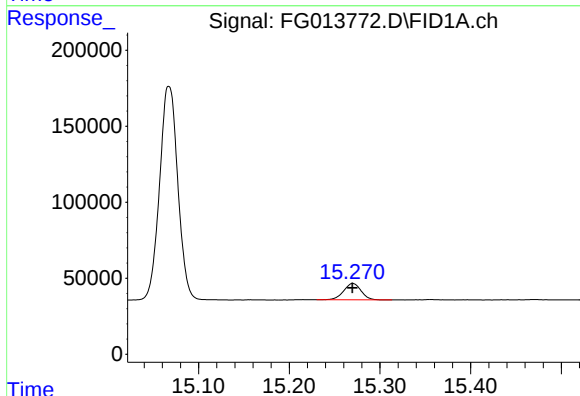
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.067 min
Delta R.T.: 0.002 min
Response: 1962210
Conc: 16.84 ug/ml

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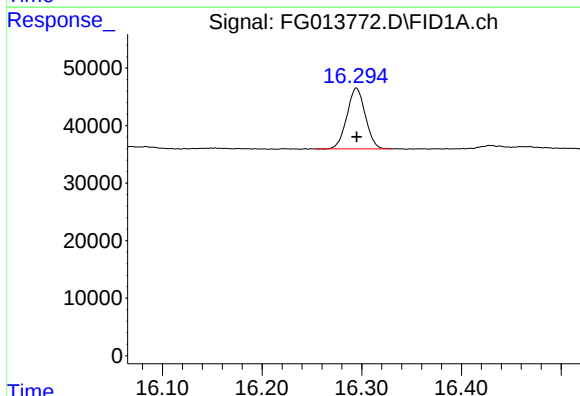
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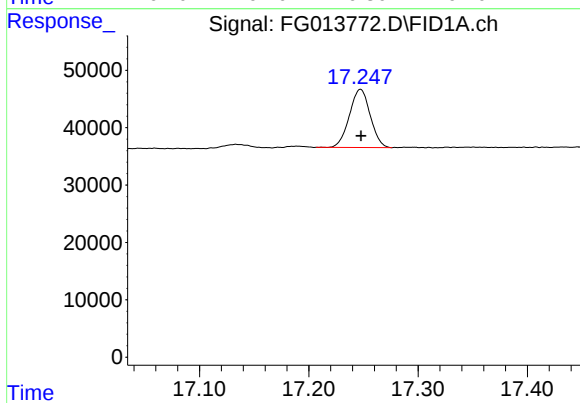
#10 N-TETRACOSANE

R.T.: 15.270 min
Delta R.T.: 0.000 min
Response: 144089
Conc: 1.09 ug/ml



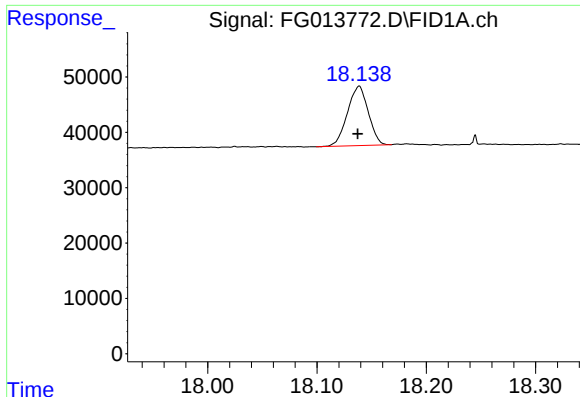
#11 N-HEXACOSANE

R.T.: 16.295 min
Delta R.T.: 0.000 min
Response: 135782
Conc: 1.05 ug/ml



#12 N-OCTACOSANE

R.T.: 17.247 min
Delta R.T.: 0.000 min
Response: 134146
Conc: 1.06 ug/ml



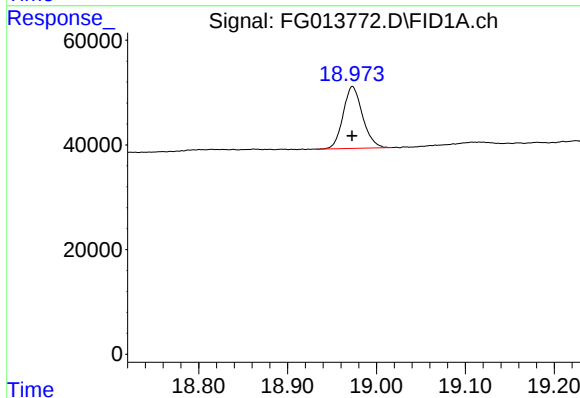
#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: 0.001 min
Response: 141868
Conc: 1.12 ug/ml

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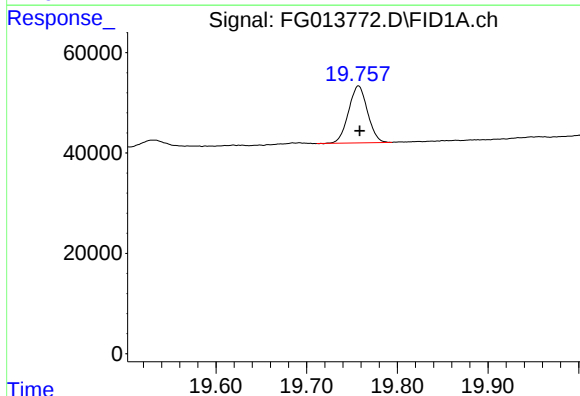
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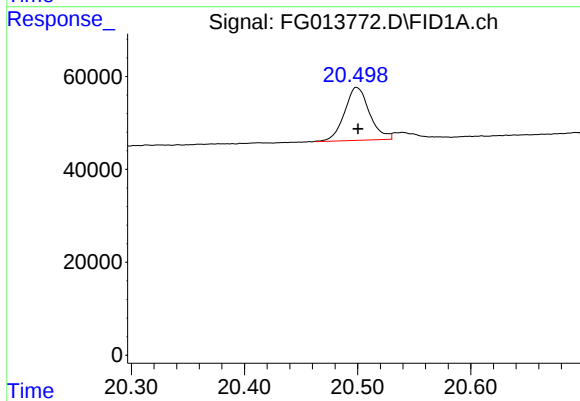
#14 N-DOTRIACONTANE

R.T.: 18.973 min
Delta R.T.: 0.000 min
Response: 179171
Conc: 1.41 ug/ml



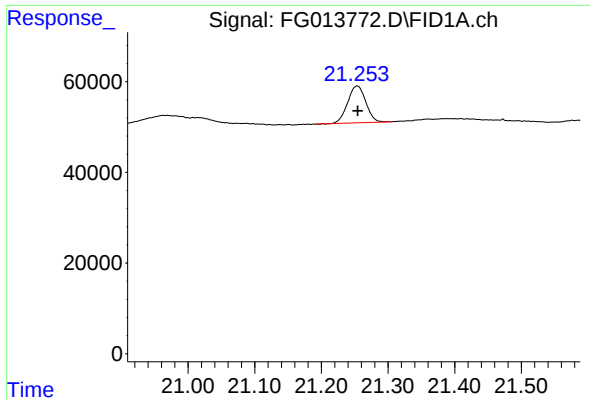
#15 N-TETRATRIACONTANE

R.T.: 19.757 min
Delta R.T.: -0.001 min
Response: 165210
Conc: 1.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.498 min
Delta R.T.: -0.002 min
Response: 175976
Conc: 1.60 ug/ml m



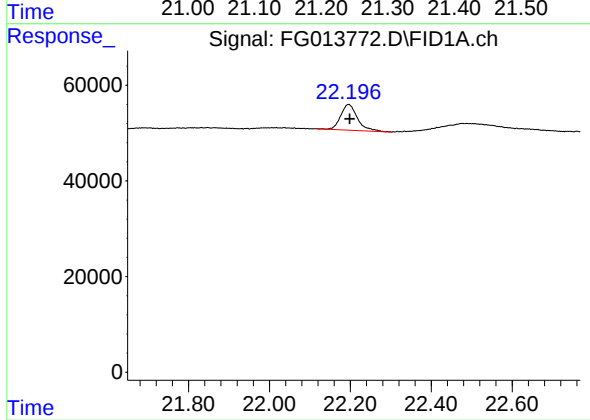
#17 N-OCTATRIACONTANE

R.T.: 21.254 min
Delta R.T.: -0.001 min
Response: 154276
Conc: 1.55 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.195 min
Delta R.T.: -0.003 min
Response: 155827
Conc: 1.58 ug/ml