

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070119\
 Data File : FG005275.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2019 15:11
 Operator : DD\AJ
 Sample : K3532-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TRIANGLE-AREA-SOIL-AMS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 02 07:44:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060719.M
 Quant Title :
 QLast Update : Mon Jun 10 08:32:25 2019
 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...	14.798	3058235	23.204 ug/mlm
Target Compounds			
1) N-OCTANE	2.353	1498498	10.665 ug/ml
2) N-DECANE	4.476	2410253	16.651 ug/ml
3) N-DODECANE	6.508	2608525	17.554 ug/ml
4) N-TETRADECANE	8.314	2830897	18.881 ug/ml
5) N-HEXADECANE	9.922	2451148	16.113 ug/mlm
6) N-OCTADECANE	11.374	2948787	19.507 ug/mlm
7) N-EICOSANE	12.664	6256165	41.058 ug/mlm
8) N-DOCOSANE	13.888	1456904	9.674 ug/mlm
10) N-TETRACOSANE	14.996	38988797	262.025 ug/ml
11) N-HEXACOSANE	16.021	5588135	38.365 ug/ml
12) N-OCTACOSANE	16.947	12990623	91.328 ug/ml
13) N-TRIACONTANE	17.867	4401643	31.449 ug/ml
14) N-DOTRIACONTANE	18.703	3962726	29.458 ug/ml
15) N-TETRATRIACONTANE	19.492	2166616	16.900 ug/ml
16) N-HEXATRIACONTANE	20.236	2210156	18.554 ug/ml
17) N-OCTATRIACONTANE	21.009	1499077	14.138 ug/mlm
18) N-TETRACONTANE	21.983f	1829895	17.515 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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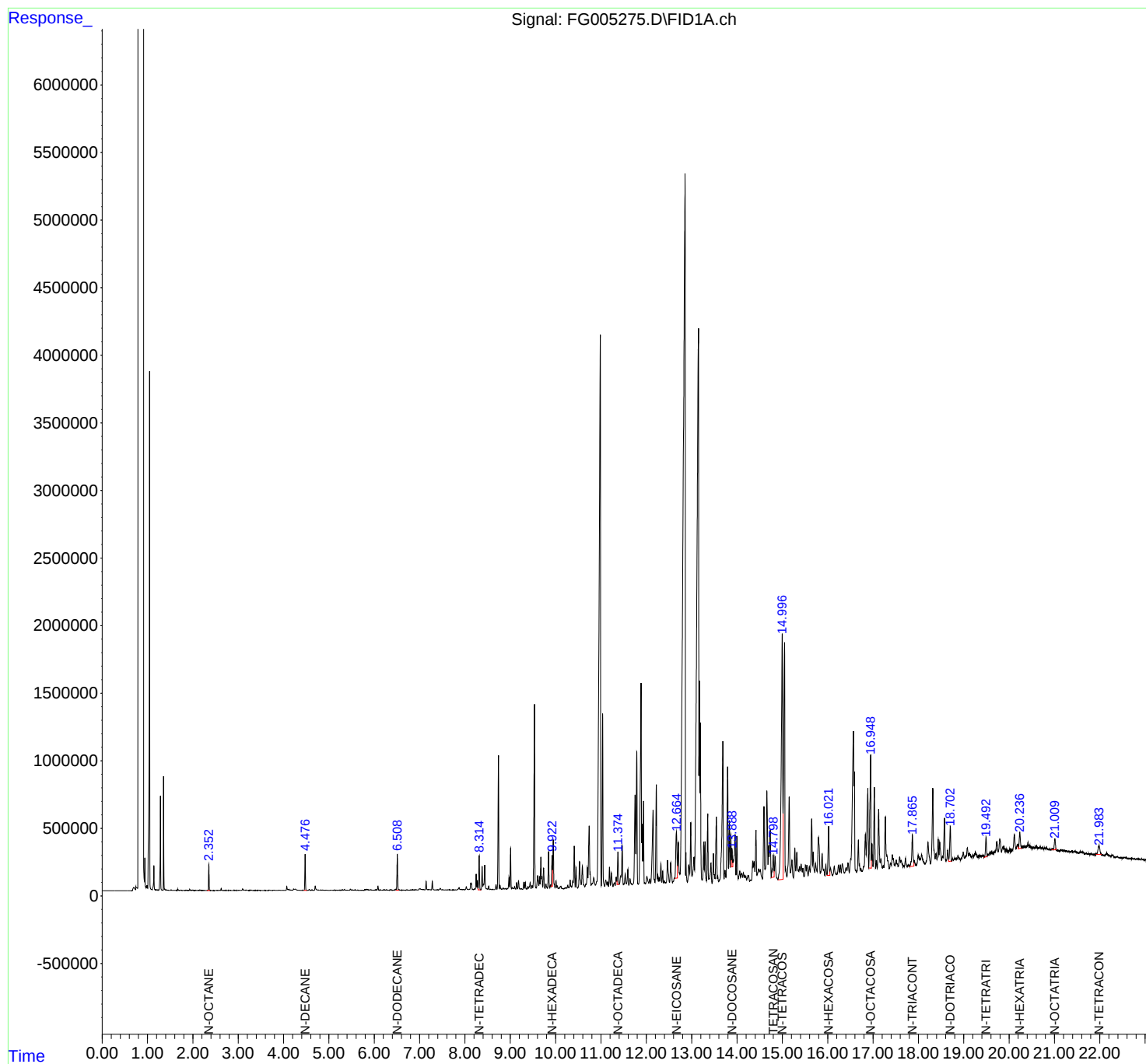
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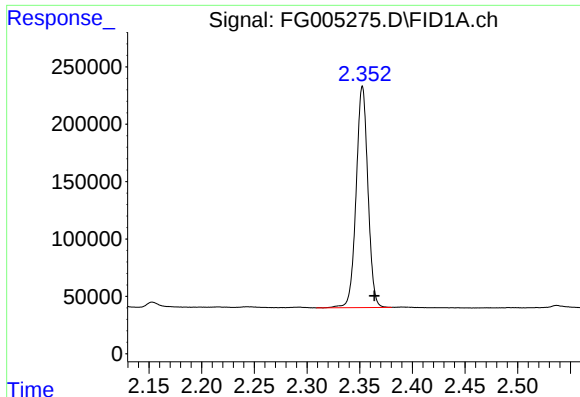
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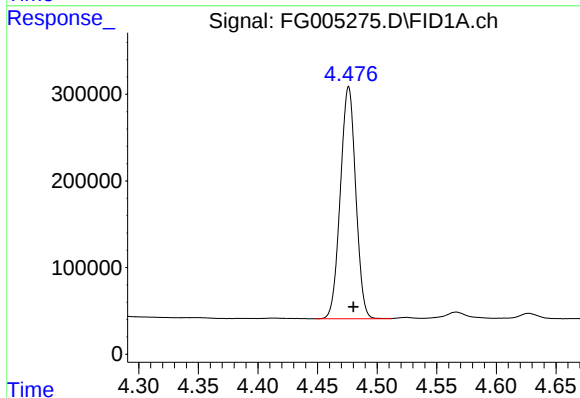
#1 N-OCTANE

R.T.: 2.353 min
Delta R.T.: -0.011 min
Response: 1498498
Conc: 10.67 ug/ml

Instrument :
FID_G
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TRIANGLE-AREA-SOIL-AMS

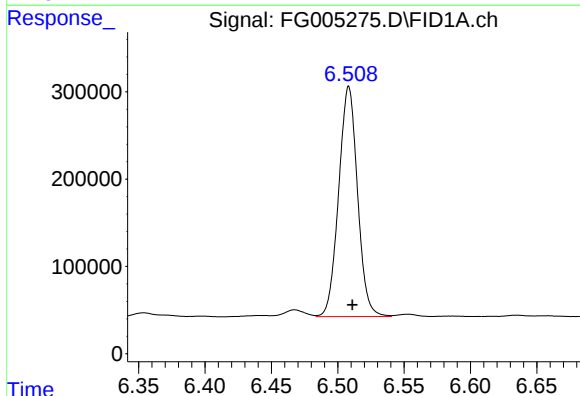
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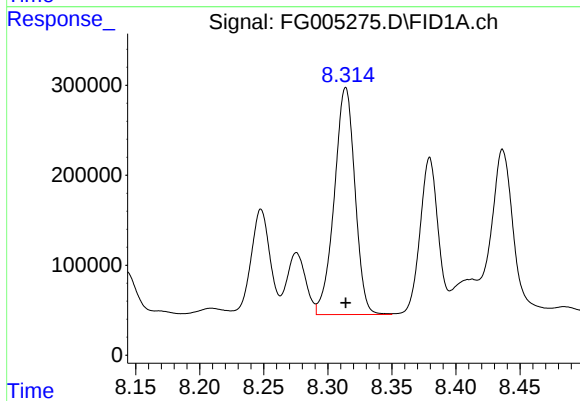
#2 N-DECANE

R.T.: 4.476 min
Delta R.T.: -0.004 min
Response: 2410253
Conc: 16.65 ug/ml



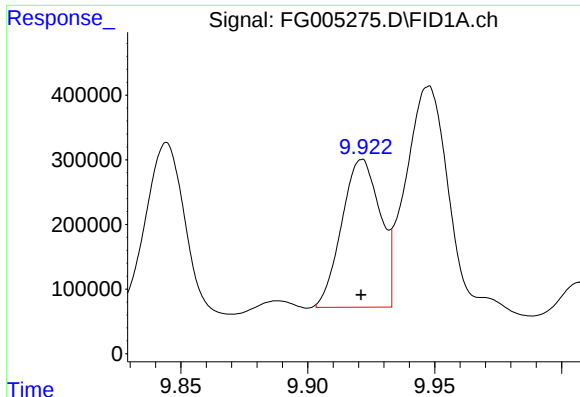
#3 N-DODECANE

R.T.: 6.508 min
Delta R.T.: -0.003 min
Response: 2608525
Conc: 17.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2830897
Conc: 18.88 ug/ml



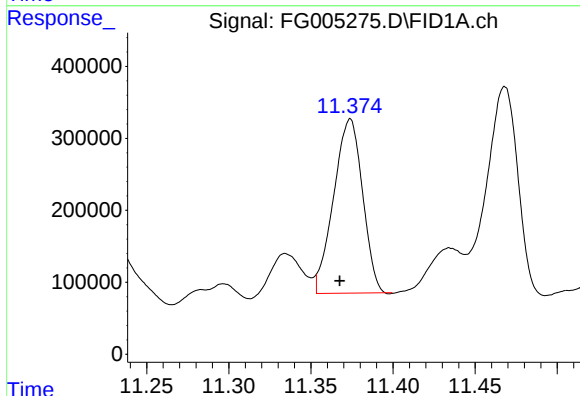
#5 N-HEXADECANE

R.T.: 9.922 min
Delta R.T.: 0.000 min
Response: 2451148
Conc: 16.11 ug/ml m

Instrument :
FID_G
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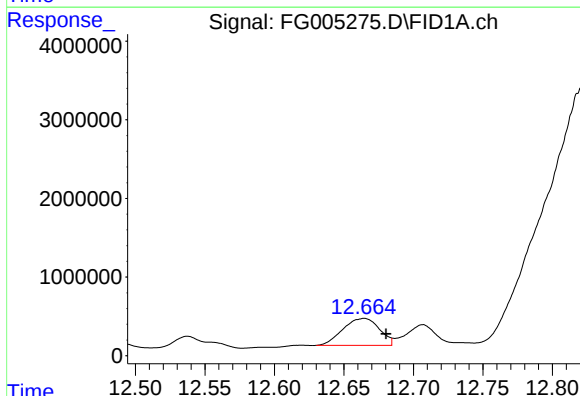
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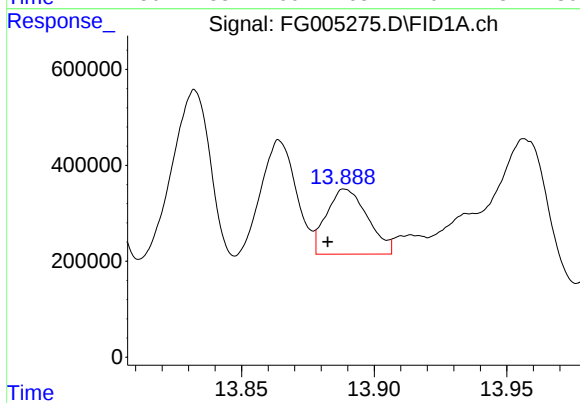
#6 N-OCTADECANE

R.T.: 11.374 min
Delta R.T.: 0.006 min
Response: 2948787
Conc: 19.51 ug/ml m



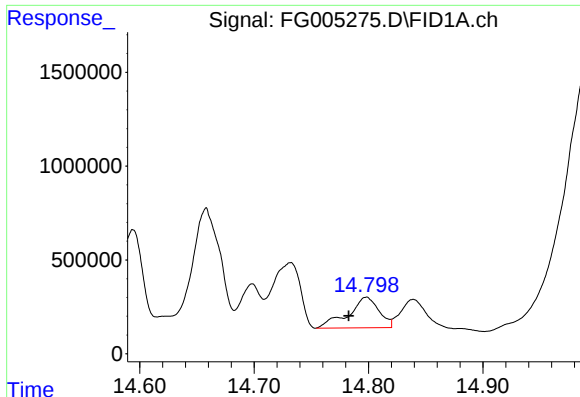
#7 N-EICOSANE

R.T.: 12.664 min
Delta R.T.: -0.016 min
Response: 6256165
Conc: 41.06 ug/ml m



#8 N-DOCOSANE

R.T.: 13.888 min
Delta R.T.: 0.006 min
Response: 1456904
Conc: 9.67 ug/ml m



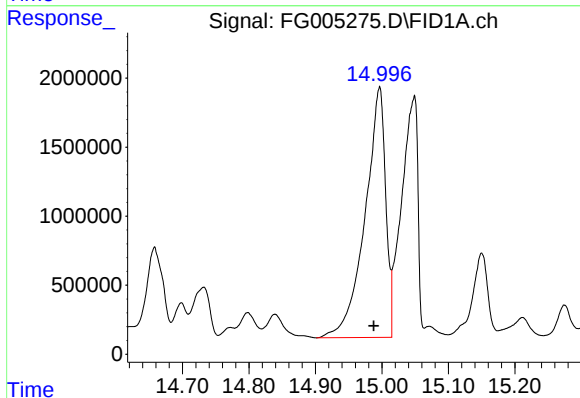
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.798 min
Delta R.T.: 0.016 min
Response: 3058235
Conc: 23.20 ug/ml m

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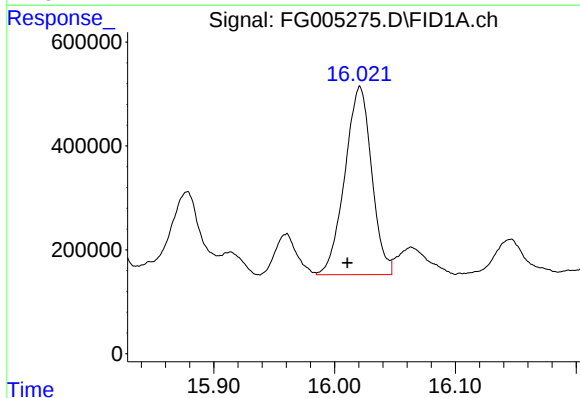
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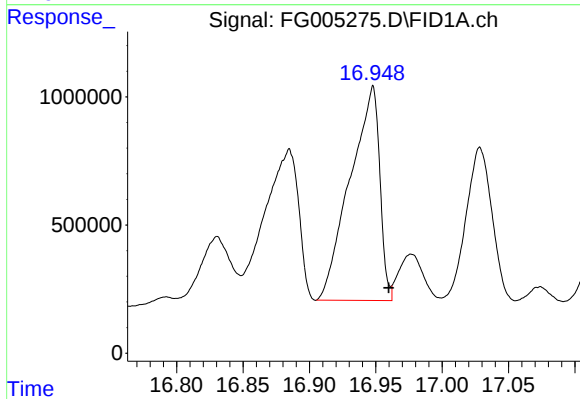
#10 N-TETRACOSANE

R.T.: 14.996 min
Delta R.T.: 0.009 min
Response: 38988797
Conc: 262.02 ug/ml



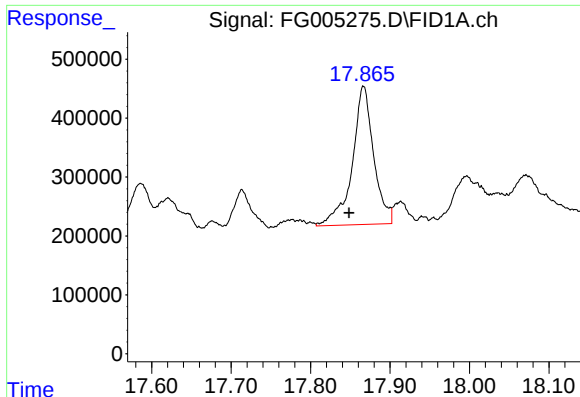
#11 N-HEXACOSANE

R.T.: 16.021 min
Delta R.T.: 0.010 min
Response: 5588135
Conc: 38.36 ug/ml



#12 N-OCTACOSANE

R.T.: 16.947 min
Delta R.T.: -0.013 min
Response: 12990623
Conc: 91.33 ug/ml



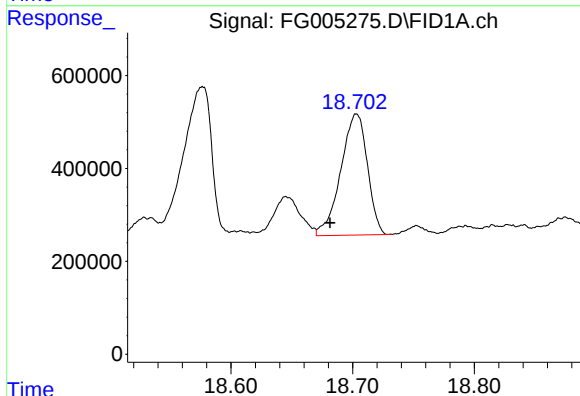
#13 N-TRIACONTANE

R.T.: 17.867 min
Delta R.T.: 0.018 min
Response: 4401643
Conc: 31.45 ug/ml

Instrument :
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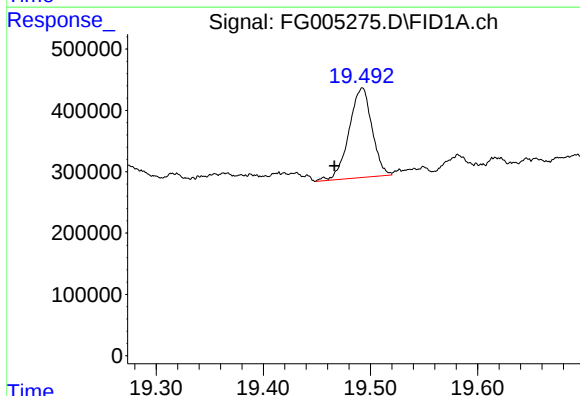
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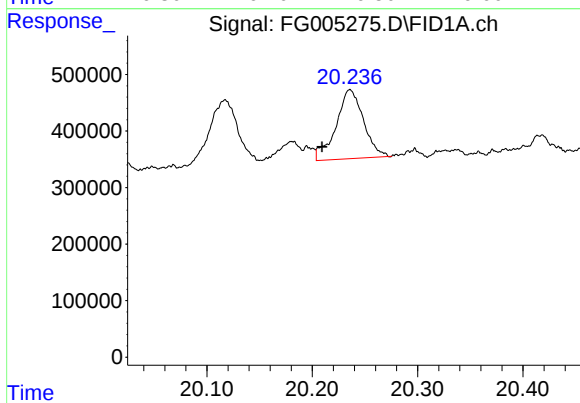
#14 N-DOTRIACONTANE

R.T.: 18.703 min
Delta R.T.: 0.022 min
Response: 3962726
Conc: 29.46 ug/ml



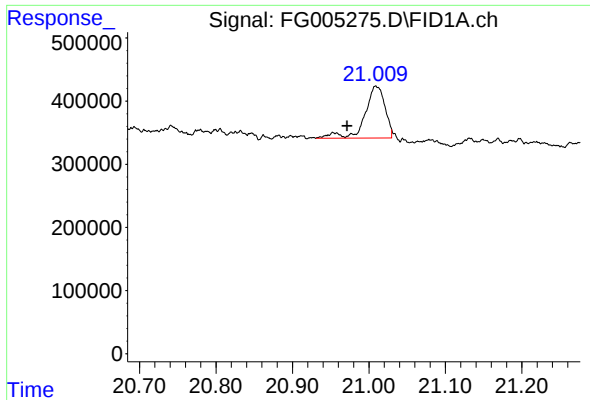
#15 N-TETRATRIACONTANE

R.T.: 19.492 min
Delta R.T.: 0.026 min
Response: 2166616
Conc: 16.90 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.236 min
Delta R.T.: 0.027 min
Response: 2210156
Conc: 18.55 ug/ml



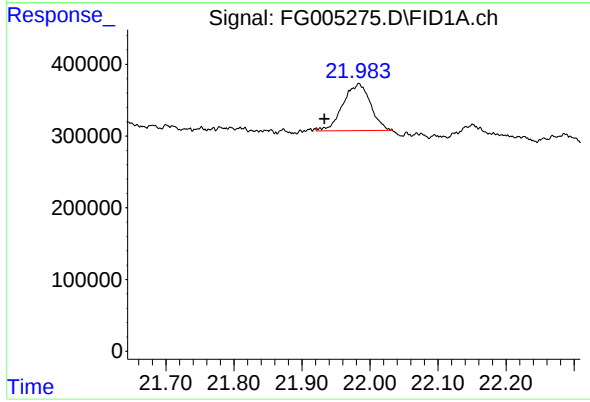
#17 N-OCTATRIACONTANE

R.T.: 21.009 min
Delta R.T.: 0.037 min
Response: 1499077
Conc: 14.14 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.983 min
Delta R.T.: 0.050 min
Response: 1829895
Conc: 17.52 ug/ml m