

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016987.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2025 00:55
 Operator : YP\AJ
 Sample : Q3530-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 05:05:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 2025
 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...	15.140	2092874	19.455 ug/ml
Target Compounds			
1) N-OCTANE	2.084	292543	2.469 ug/ml
2) N-DECANE	4.618	262460	2.271 ug/ml
3) N-DODECANE	6.802	230969	1.981 ug/ml
4) N-TETRADECANE	8.652	171000	1.496 ug/ml
5) N-HEXADECANE	10.268	221886	1.932 ug/ml
6) N-OCTADECANE	11.715	260563	2.142 ug/ml
7) N-EICOSANE	13.031	286288	2.273 ug/ml
8) N-DOCOSANE	14.236	299613	2.435 ug/ml
10) N-TETRACOSANE	15.347	310719	2.542 ug/ml
11) N-HEXACOSANE	16.379	271036	2.295 ug/ml
12) N-OCTACOSANE	17.336	280875	2.374 ug/ml
13) N-TRIACONTANE	18.228	289207	2.461 ug/ml
14) N-DOTRIACONTANE	19.066	292624	2.580 ug/ml
15) N-TETRATRIACONTANE	19.855	210967	1.995 ug/ml
16) N-HEXATRIACONTANE	20.602	131829	1.394 ug/ml
17) N-OCTATRIACONTANE	21.381	68698	0.852 ug/ml
18) N-TETRACONTANE	22.365	43520	0.622 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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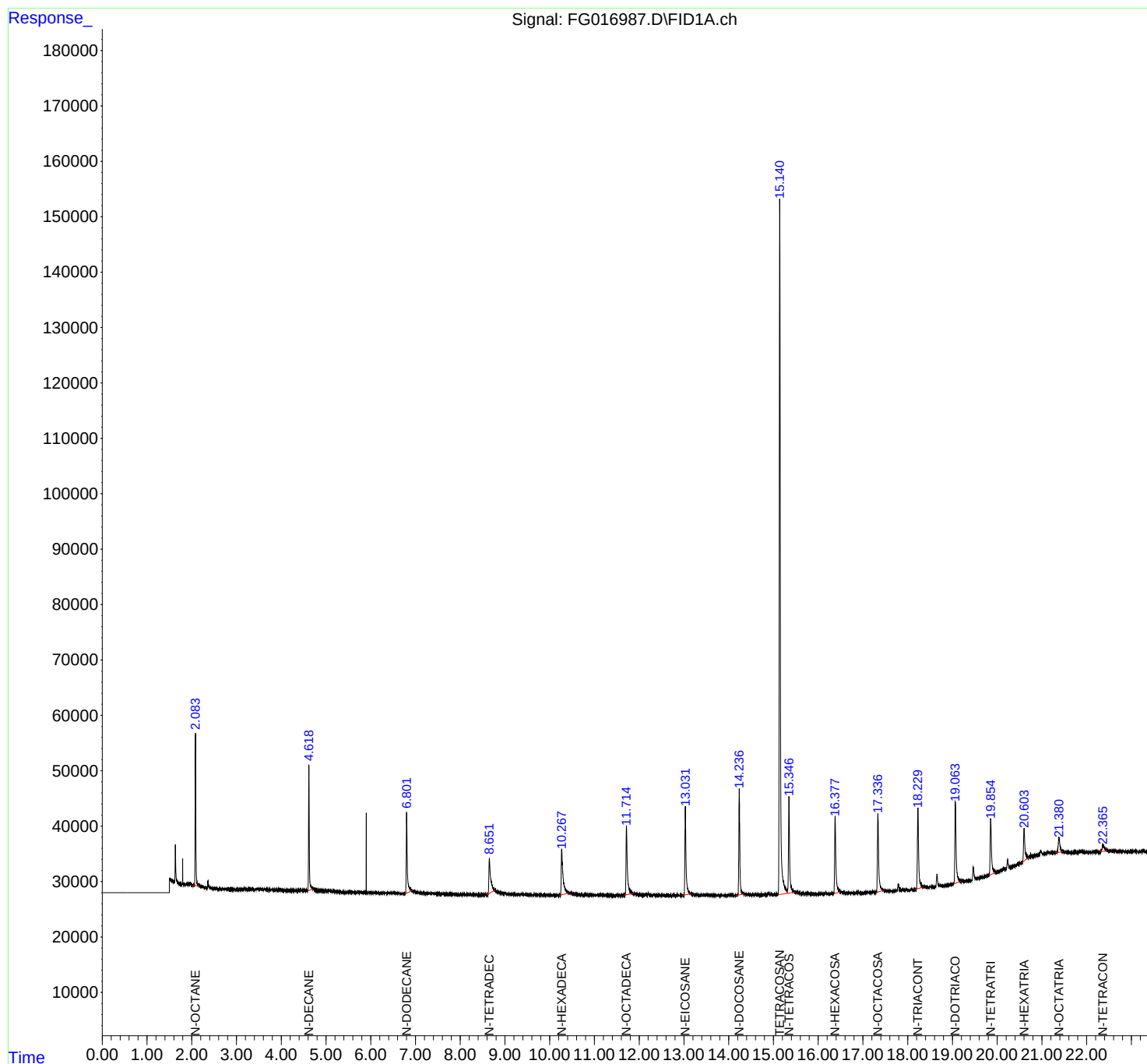
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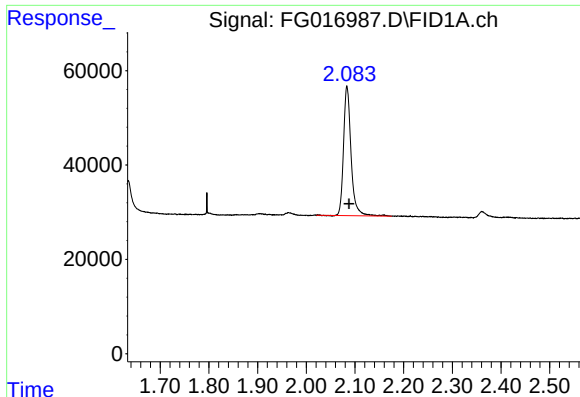
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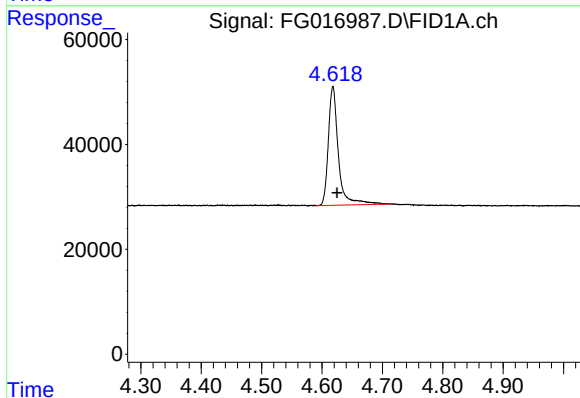
#1 N-OCTANE

R.T.: 2.084 min
Delta R.T.: -0.004 min
Response: 292543
Conc: 2.47 ug/ml

Instrument :
FID_G
ClientSampleId :
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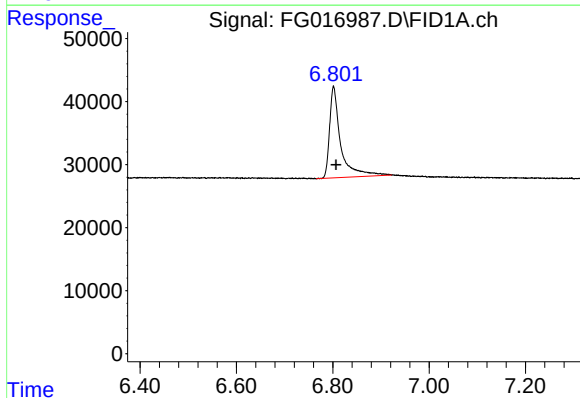
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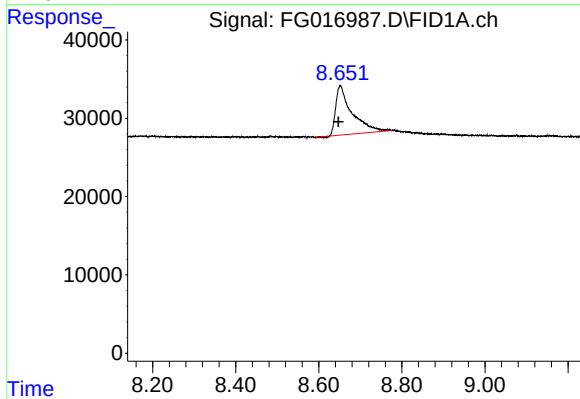
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 262460
Conc: 2.27 ug/ml



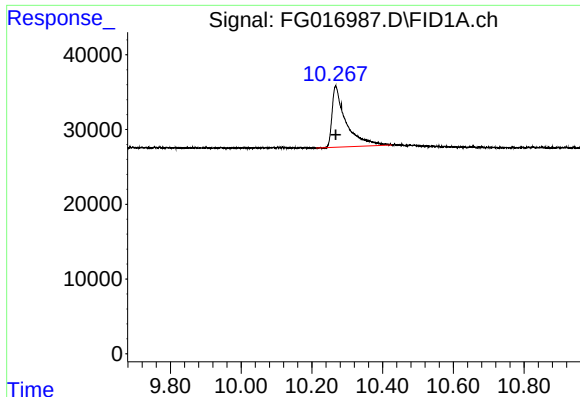
#3 N-DODECANE

R.T.: 6.802 min
Delta R.T.: -0.005 min
Response: 230969
Conc: 1.98 ug/ml



#4 N-TETRADECANE

R.T.: 8.652 min
Delta R.T.: 0.004 min
Response: 171000
Conc: 1.50 ug/ml



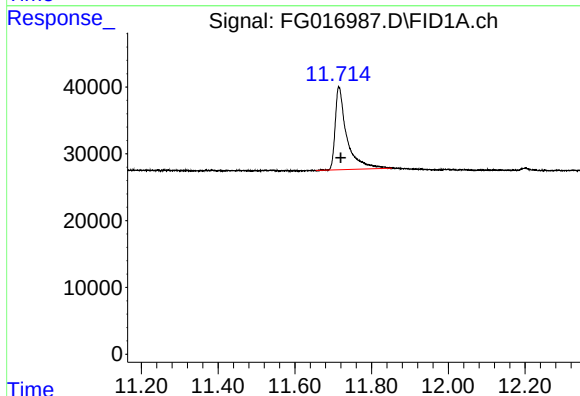
#5 N-HEXADECANE

R.T.: 10.268 min
Delta R.T.: 0.000 min
Response: 221886
Conc: 1.93 ug/ml

Instrument :
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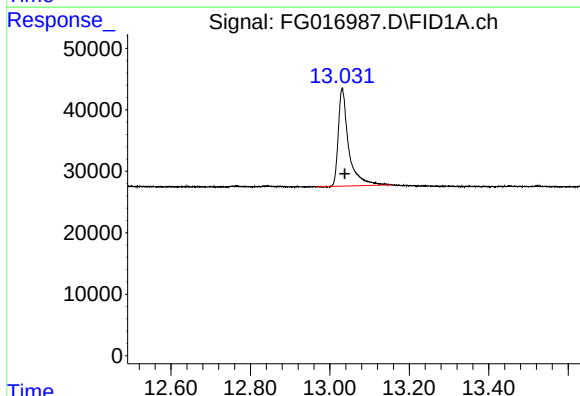
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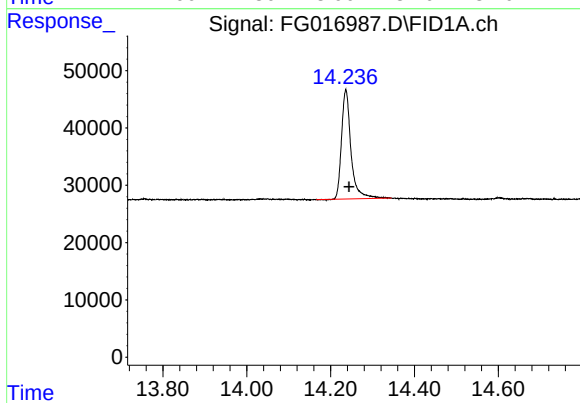
#6 N-OCTADECANE

R.T.: 11.715 min
Delta R.T.: -0.004 min
Response: 260563
Conc: 2.14 ug/ml



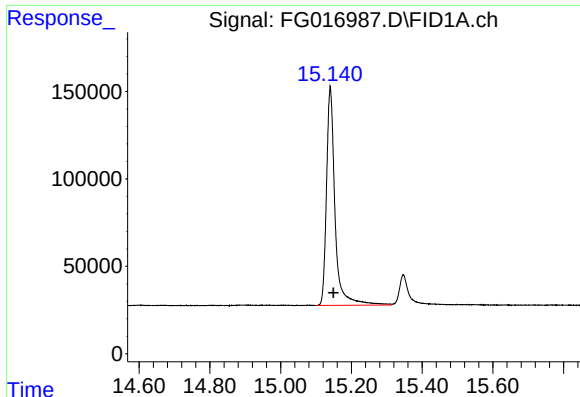
#7 N-EICOSANE

R.T.: 13.031 min
Delta R.T.: -0.006 min
Response: 286288
Conc: 2.27 ug/ml



#8 N-DOCOSANE

R.T.: 14.236 min
Delta R.T.: -0.007 min
Response: 299613
Conc: 2.43 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.140 min
Delta R.T.: -0.009 min
Response: 2092874
Conc: 19.45 ug/ml

Instrument :

FID_G

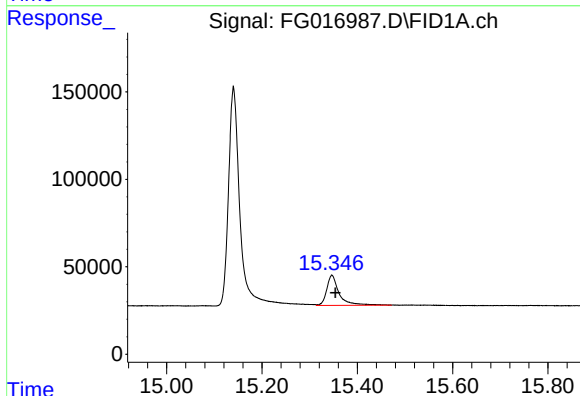
ClientSampleId :

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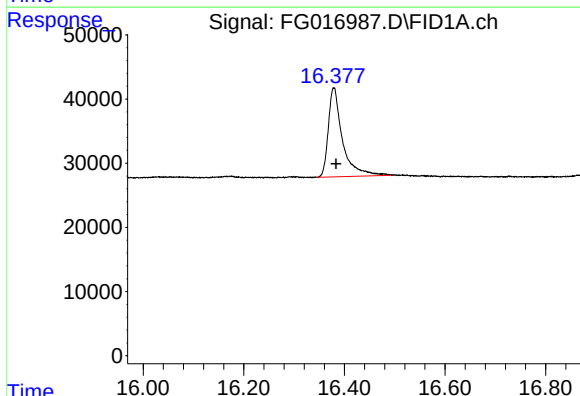
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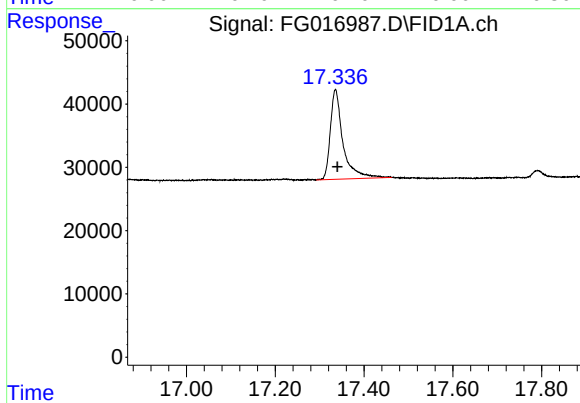
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: -0.007 min
Response: 310719
Conc: 2.54 ug/ml



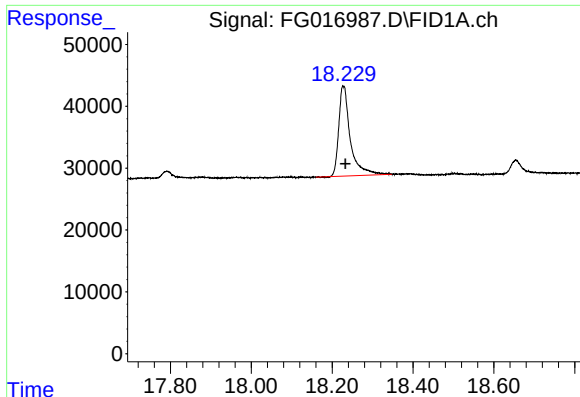
#11 N-HEXACOSANE

R.T.: 16.379 min
Delta R.T.: -0.004 min
Response: 271036
Conc: 2.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.336 min
Delta R.T.: -0.004 min
Response: 280875
Conc: 2.37 ug/ml



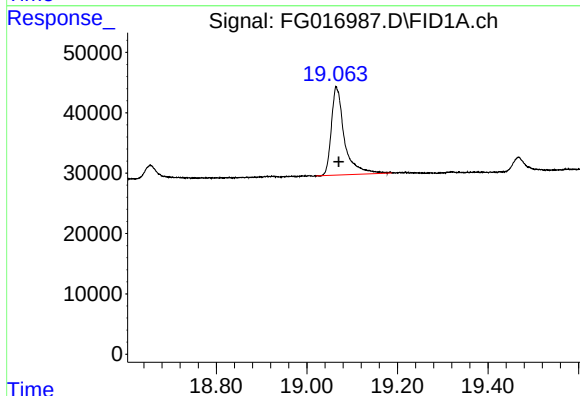
#13 N-TRIACONTANE

R.T.: 18.228 min
Delta R.T.: -0.004 min
Response: 289207
Conc: 2.46 ug/ml

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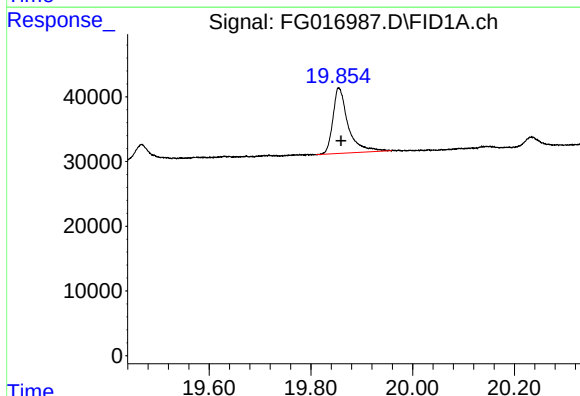
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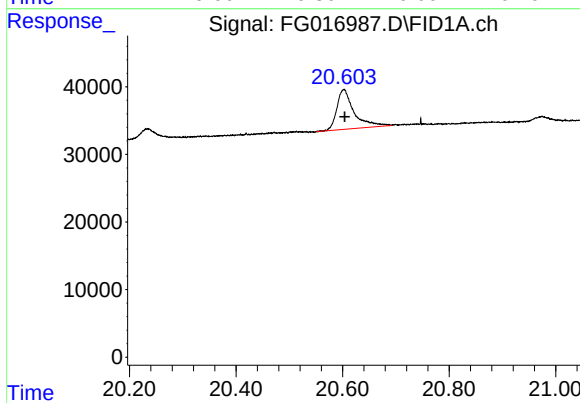
#14 N-DOTRIACONTANE

R.T.: 19.066 min
Delta R.T.: -0.005 min
Response: 292624
Conc: 2.58 ug/ml



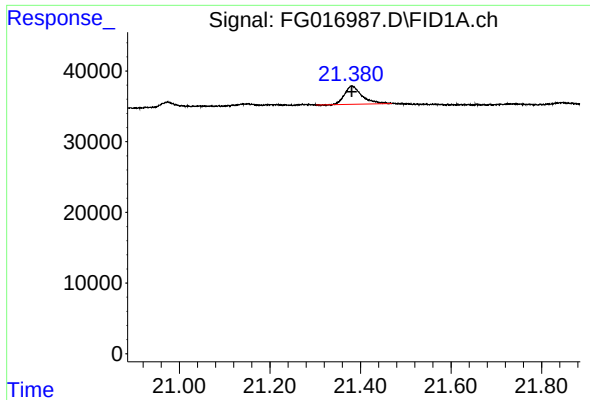
#15 N-TETRATRIACONTANE

R.T.: 19.855 min
Delta R.T.: -0.005 min
Response: 210967
Conc: 1.99 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.602 min
Delta R.T.: -0.002 min
Response: 131829
Conc: 1.39 ug/ml



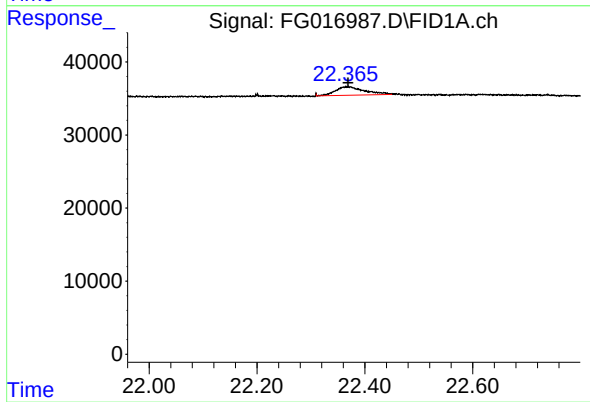
#17 N-OCTATRIACONTANE

R.T.: 21.381 min
Delta R.T.: 0.000 min
Response: 68698
Conc: 0.85 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.365 min
Delta R.T.: -0.004 min
Response: 43520
Conc: 0.62 ug/ml m