

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112525\
 Data File : FG017006.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2025 20:09
 Operator : YP\AJ
 Sample : Q3530-12
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-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 03:17:55 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	1631992	15.170 ug/ml
Target Compounds			
1) N-OCTANE	2.084	97522	0.823 ug/ml
2) N-DECANE	4.619	71848	0.622 ug/ml
3) N-DODECANE	6.806	18342	0.157 ug/mlm
4) N-TETRADECANE	8.694	18038	0.158 ug/mlm
5) N-HEXADECANE	10.282	33655	0.293 ug/mlm
6) N-OCTADECANE	11.726	62594	0.515 ug/ml
7) N-EICOSANE	13.037	82499	0.655 ug/ml
8) N-DOCOSANE	14.238	97308	0.791 ug/ml
10) N-TETRACOSANE	15.347	119353	0.976 ug/ml
11) N-HEXACOSANE	16.388	84064	0.712 ug/ml
12) N-OCTACOSANE	17.341	89008	0.752 ug/ml
13) N-TRIACONTANE	18.233	103384	0.880 ug/ml
14) N-DOTRIACONTANE	19.067	128623	1.134 ug/ml
15) N-TETRATRIACONTANE	19.856	118356	1.119 ug/ml
16) N-HEXATRIACONTANE	20.601	105200	1.113 ug/ml
17) N-OCTATRIACONTANE	21.375	89821	1.114 ug/ml
18) N-TETRACONTANE	22.365	85343	1.220 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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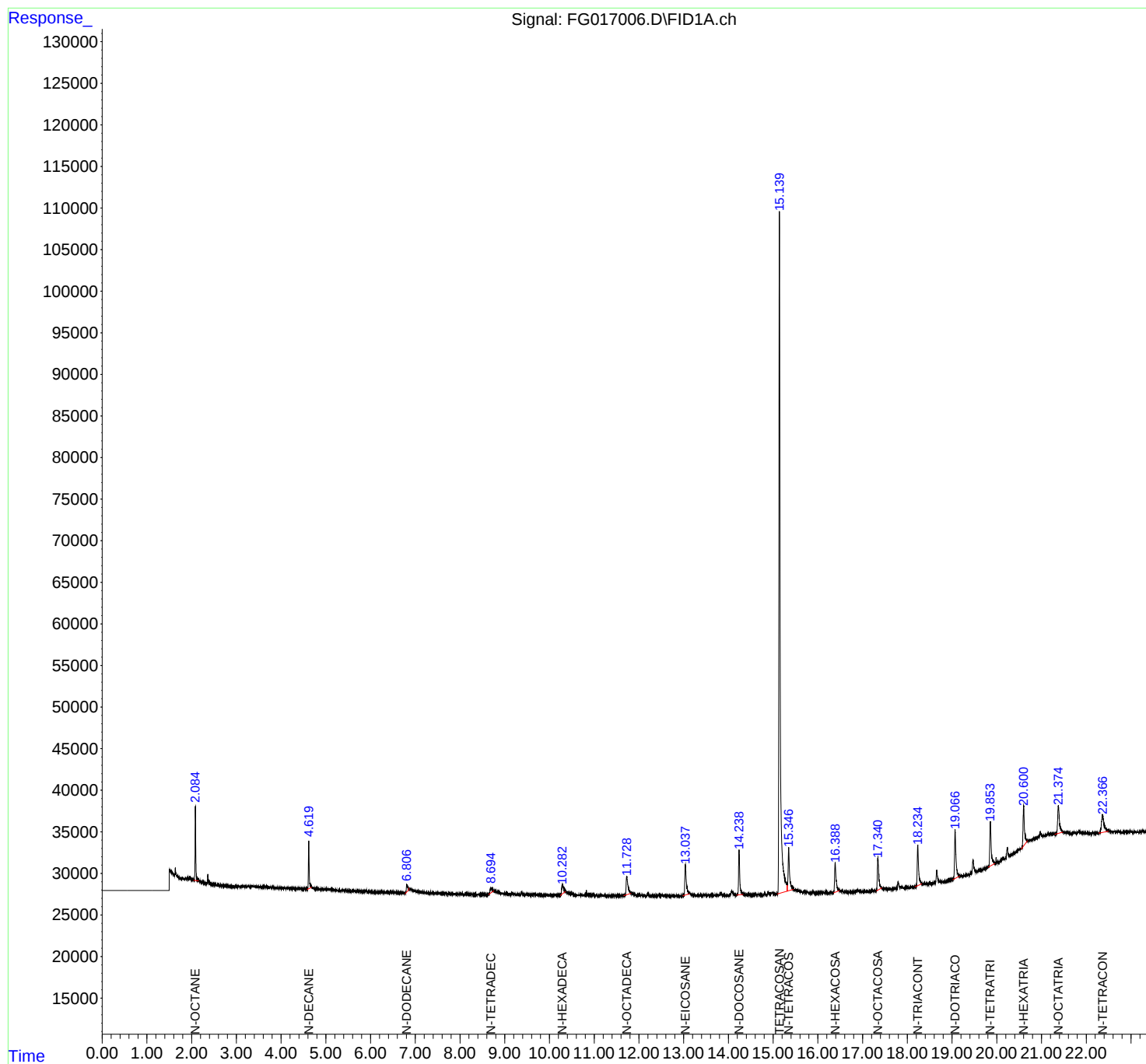
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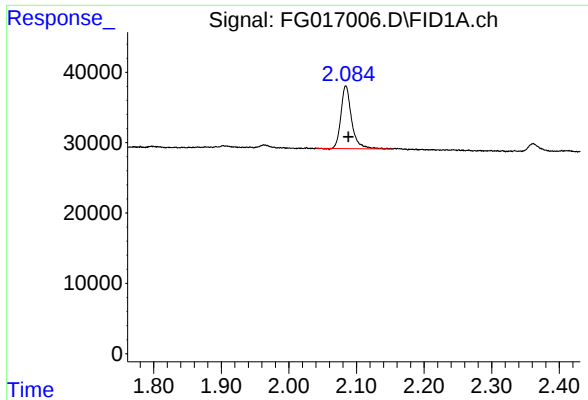
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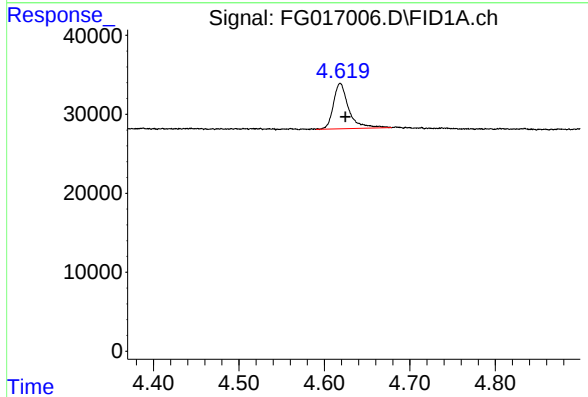
#1 N-OCTANE

R.T.: 2.084 min
Delta R.T.: -0.004 min
Response: 97522
Conc: 0.82 ug/ml

Instrument :
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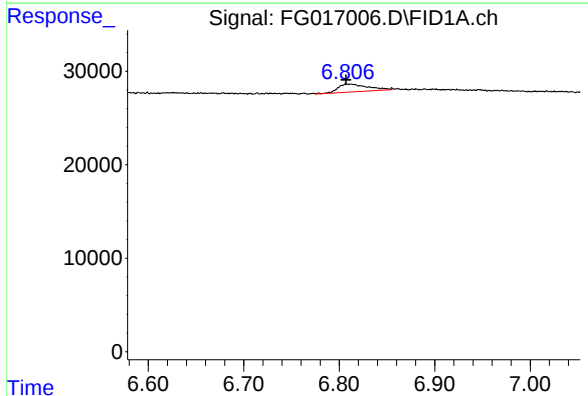
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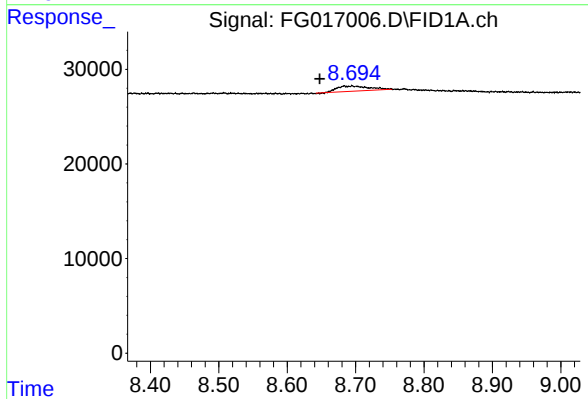
#2 N-DECANE

R.T.: 4.619 min
Delta R.T.: -0.006 min
Response: 71848
Conc: 0.62 ug/ml



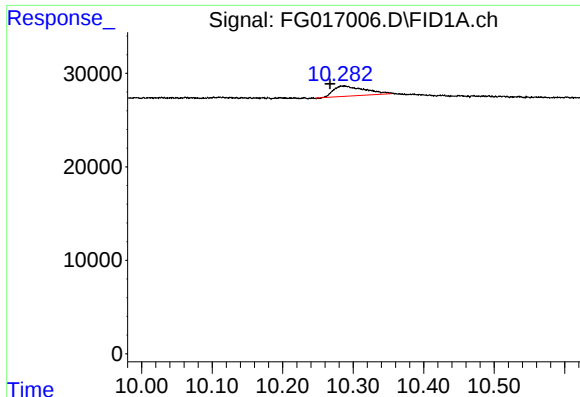
#3 N-DODECANE

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 18342
Conc: 0.16 ug/ml m



#4 N-TETRADECANE

R.T.: 8.694 min
Delta R.T.: 0.047 min
Response: 18038
Conc: 0.16 ug/ml m



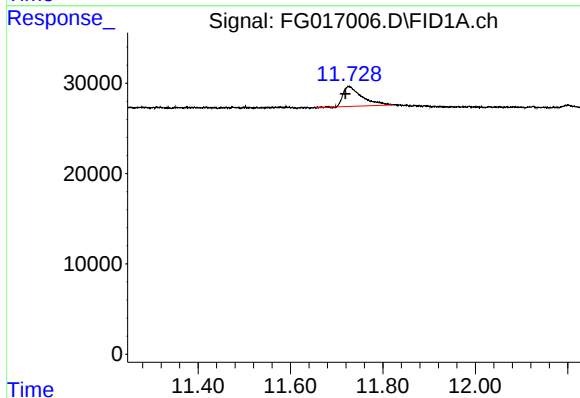
#5 N-HEXADECANE

R.T.: 10.282 min
Delta R.T.: 0.015 min
Response: 33655
Conc: 0.29 ug/ml

Instrument :
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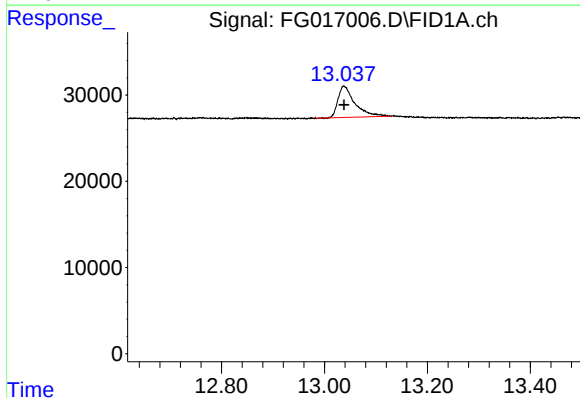
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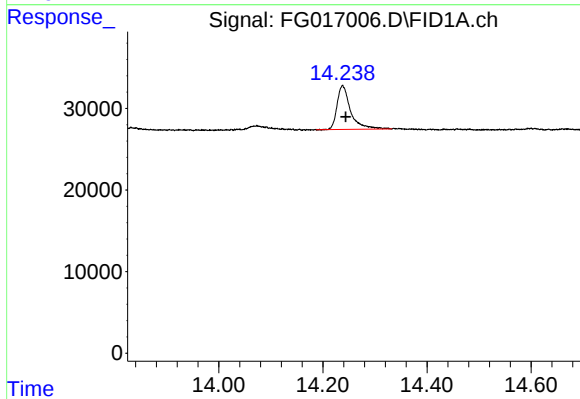
#6 N-OCTADECANE

R.T.: 11.726 min
Delta R.T.: 0.007 min
Response: 62594
Conc: 0.51 ug/ml



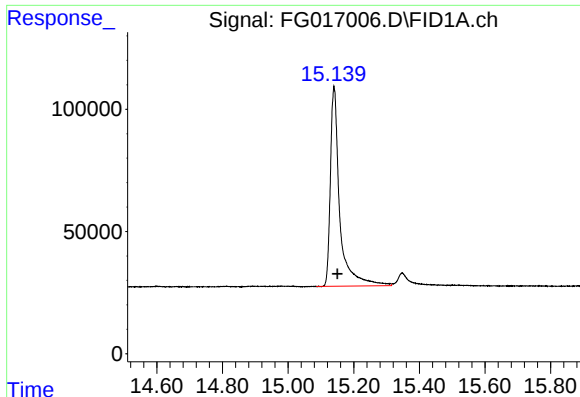
#7 N-EICOSANE

R.T.: 13.037 min
Delta R.T.: 0.000 min
Response: 82499
Conc: 0.66 ug/ml



#8 N-DOCOSANE

R.T.: 14.238 min
Delta R.T.: -0.006 min
Response: 97308
Conc: 0.79 ug/ml



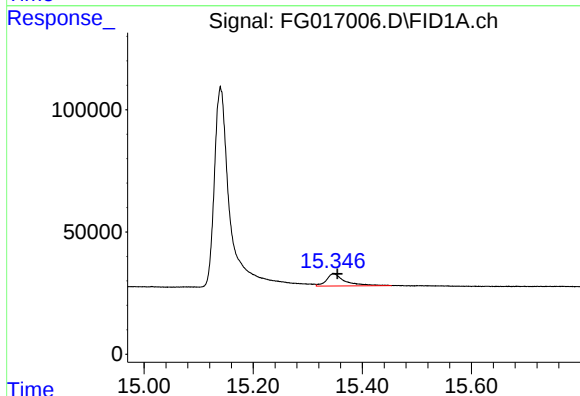
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.140 min
Delta R.T.: -0.009 min
Response: 1631992
Conc: 15.17 ug/ml

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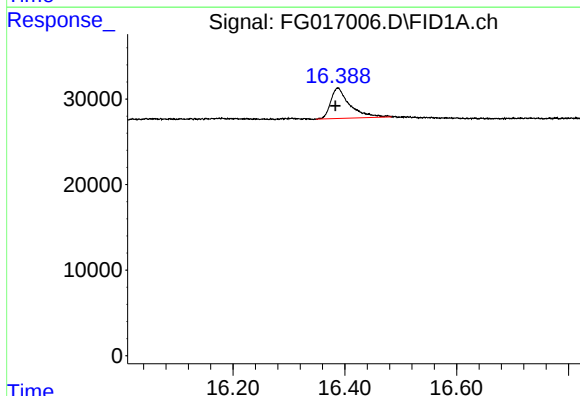
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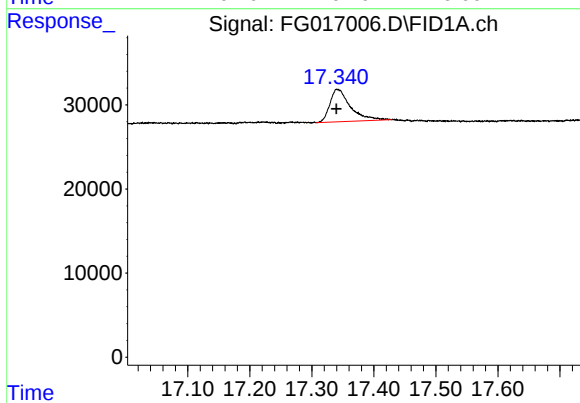
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: -0.007 min
Response: 119353
Conc: 0.98 ug/ml



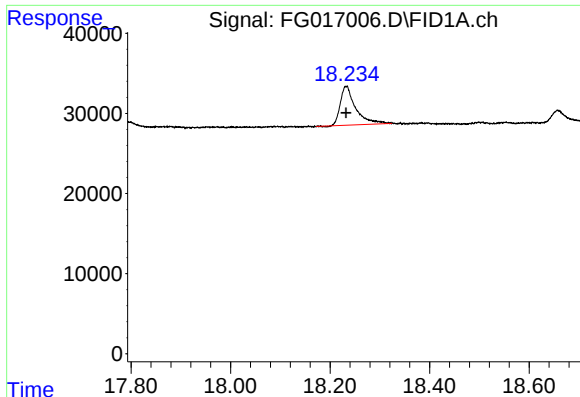
#11 N-HEXACOSANE

R.T.: 16.388 min
Delta R.T.: 0.005 min
Response: 84064
Conc: 0.71 ug/ml



#12 N-OCTACOSANE

R.T.: 17.341 min
Delta R.T.: 0.001 min
Response: 89008
Conc: 0.75 ug/ml



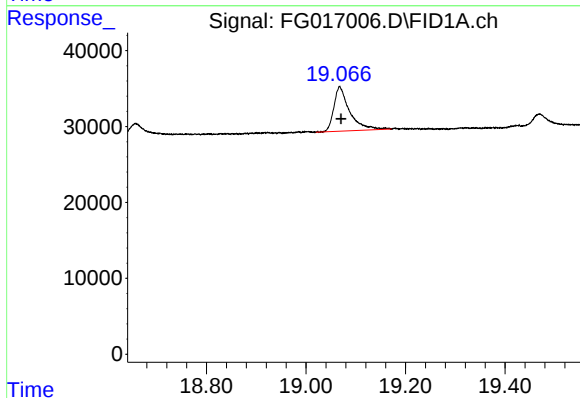
#13 N-TRIACONTANE

R.T.: 18.233 min
Delta R.T.: 0.000 min
Response: 103384
Conc: 0.88 ug/ml

Instrument :
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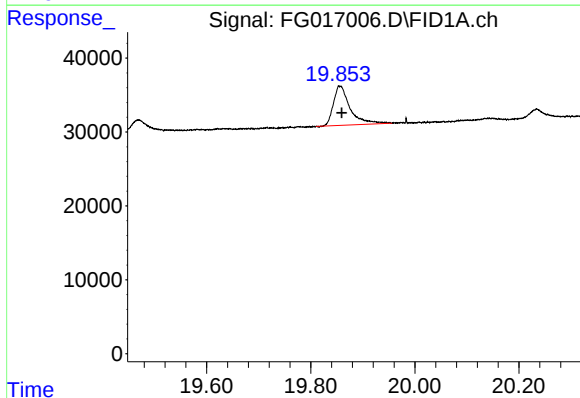
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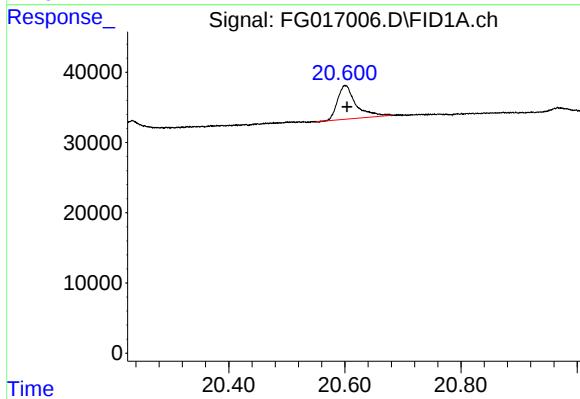
#14 N-DOTRIACONTANE

R.T.: 19.067 min
Delta R.T.: -0.003 min
Response: 128623
Conc: 1.13 ug/ml



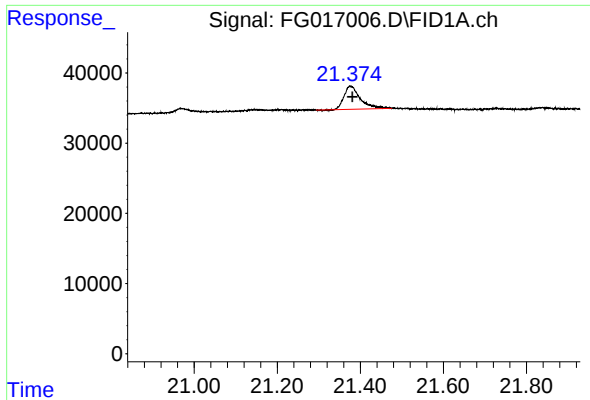
#15 N-TETRATRIACONTANE

R.T.: 19.856 min
Delta R.T.: -0.004 min
Response: 118356
Conc: 1.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.601 min
Delta R.T.: -0.003 min
Response: 105200
Conc: 1.11 ug/ml



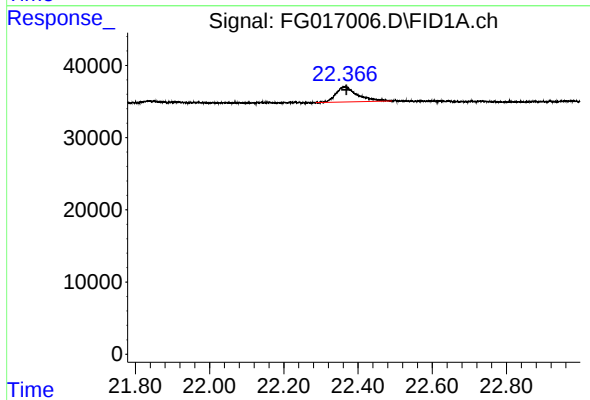
#17 N-OCTATRIACONTANE

R.T.: 21.375 min
Delta R.T.: -0.005 min
Response: 89821
Conc: 1.11 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.365 min
Delta R.T.: -0.004 min
Response: 85343
Conc: 1.22 ug/ml