

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016986.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2025 00:25
 Operator : YP\AJ
 Sample : Q3530-10
 Misc :
 ALS Vial : 26 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 05:04:37 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...	15.142	1692547	15.733 ug/ml
Target Compounds			
1) N-OCTANE	2.085	98501	0.831 ug/ml
2) N-DECANE	4.619	79906	0.691 ug/ml
3) N-DODECANE	6.807	32004	0.275 ug/ml
4) N-TETRADECANE	8.676	22577	0.197 ug/mlm
5) N-HEXADECANE	10.281	39224	0.342 ug/mlm
6) N-OCTADECANE	11.723	67134	0.552 ug/ml
7) N-EICOSANE	13.037	85907	0.682 ug/ml
8) N-DOCOSANE	14.239	96026	0.780 ug/ml
10) N-TETRACOSANE	15.349	115054	0.941 ug/ml
11) N-HEXACOSANE	16.387	85281	0.722 ug/ml
12) N-OCTACOSANE	17.341	91703	0.775 ug/ml
13) N-TRIACONTANE	18.233	109711	0.933 ug/ml
14) N-DOTRIACONTANE	19.069	130831	1.154 ug/ml
15) N-TETRATRIACONTANE	19.856	121649	1.150 ug/ml
16) N-HEXATRIACONTANE	20.601	118153	1.250 ug/ml
17) N-OCTATRIACONTANE	21.378	92421	1.146 ug/ml
18) N-TETRACONTANE	22.362	88895	1.271 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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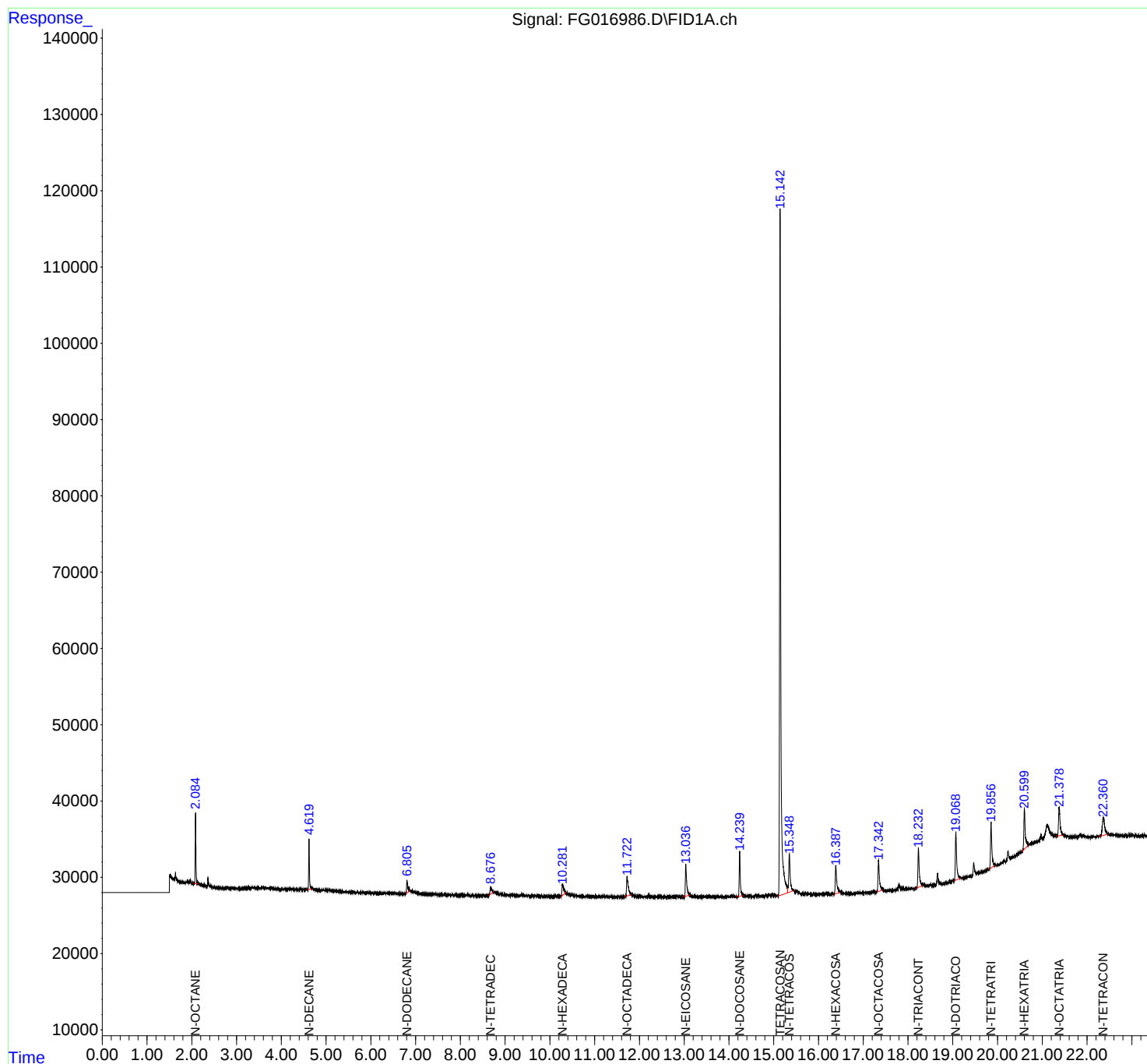
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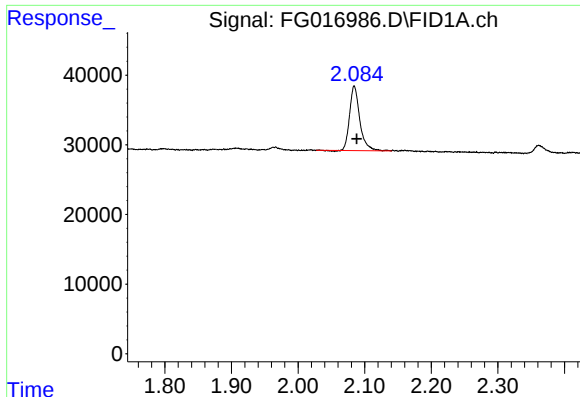
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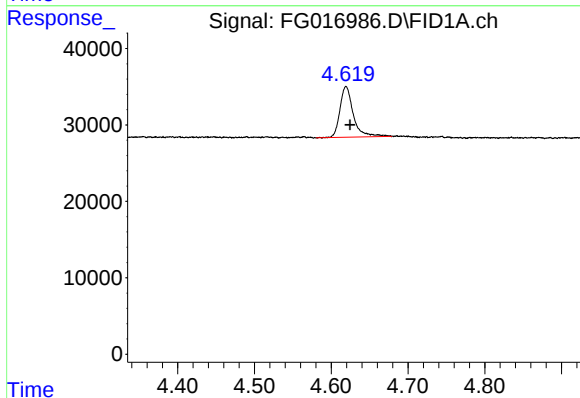
#1 N-OCTANE

R.T.: 2.085 min
Delta R.T.: -0.003 min
Response: 98501
Conc: 0.83 ug/ml

Instrument :
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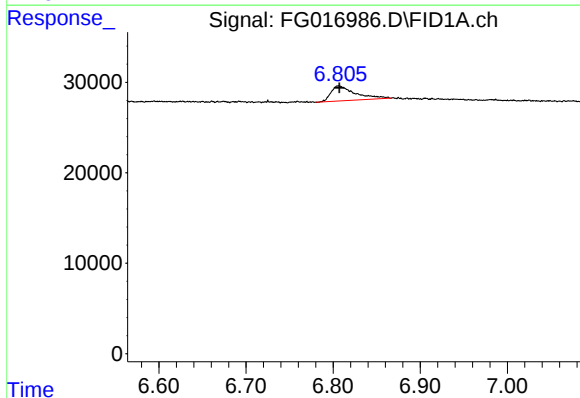
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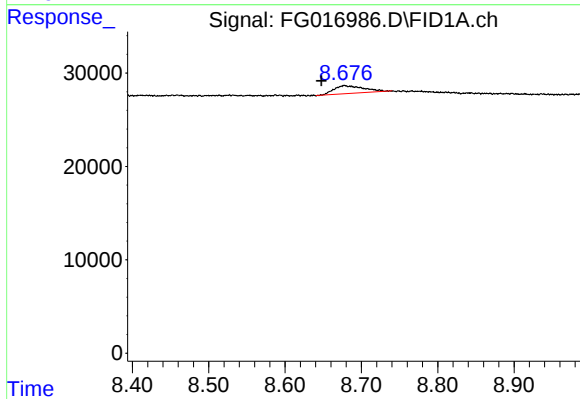
#2 N-DECANE

R.T.: 4.619 min
Delta R.T.: -0.005 min
Response: 79906
Conc: 0.69 ug/ml



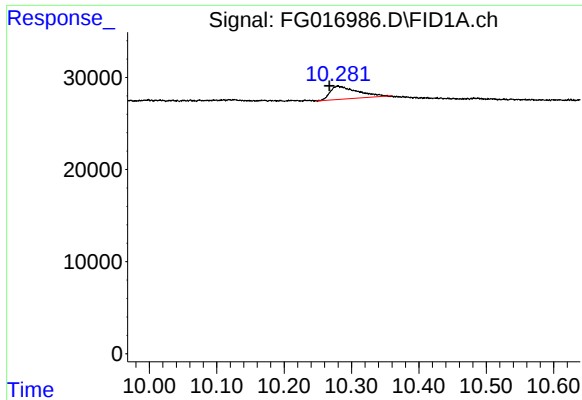
#3 N-DODECANE

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 32004
Conc: 0.27 ug/ml



#4 N-TETRADECANE

R.T.: 8.676 min
Delta R.T.: 0.028 min
Response: 22577
Conc: 0.20 ug/ml m



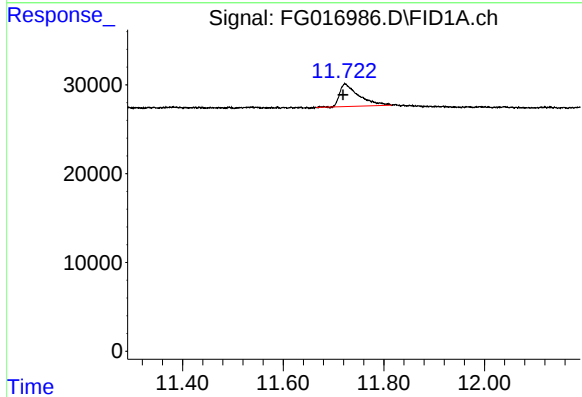
#5 N-HEXADECANE

R.T.: 10.281 min
Delta R.T.: 0.013 min
Response: 39224
Conc: 0.34 ug/ml

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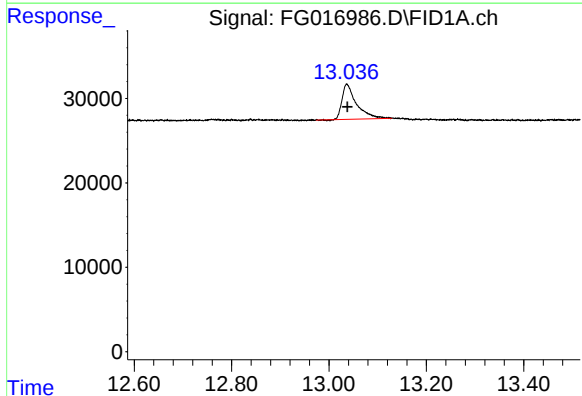
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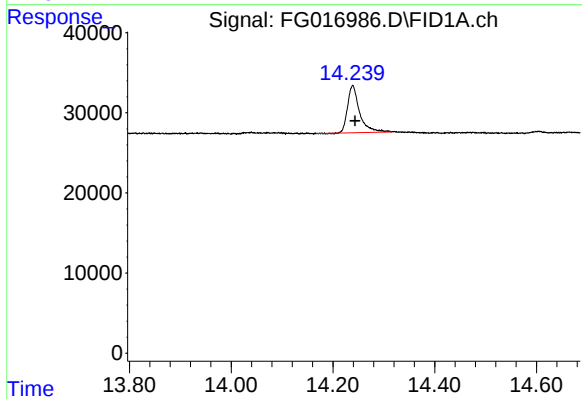
#6 N-OCTADECANE

R.T.: 11.723 min
Delta R.T.: 0.004 min
Response: 67134
Conc: 0.55 ug/ml



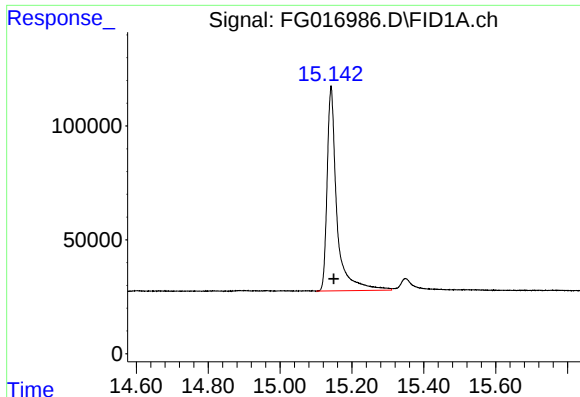
#7 N-EICOSANE

R.T.: 13.037 min
Delta R.T.: 0.000 min
Response: 85907
Conc: 0.68 ug/ml



#8 N-DOCOSANE

R.T.: 14.239 min
Delta R.T.: -0.005 min
Response: 96026
Conc: 0.78 ug/ml



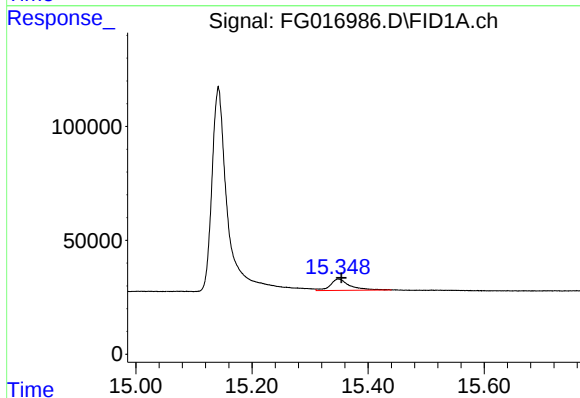
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 1692547
Conc: 15.73 ug/ml

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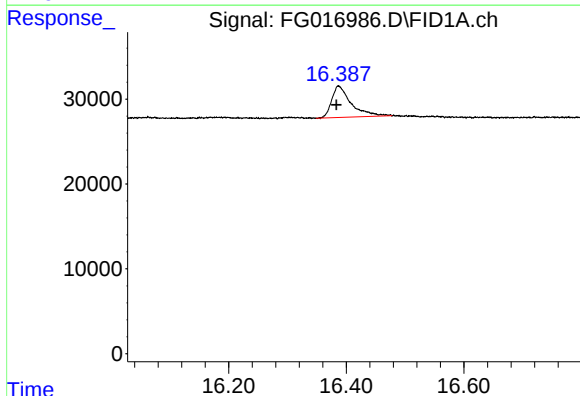
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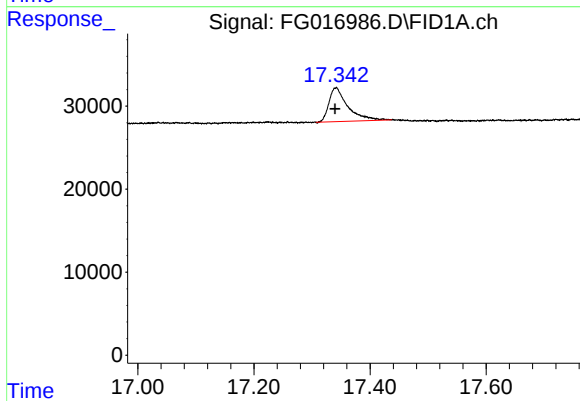
#10 N-TETRACOSANE

R.T.: 15.349 min
Delta R.T.: -0.005 min
Response: 115054
Conc: 0.94 ug/ml



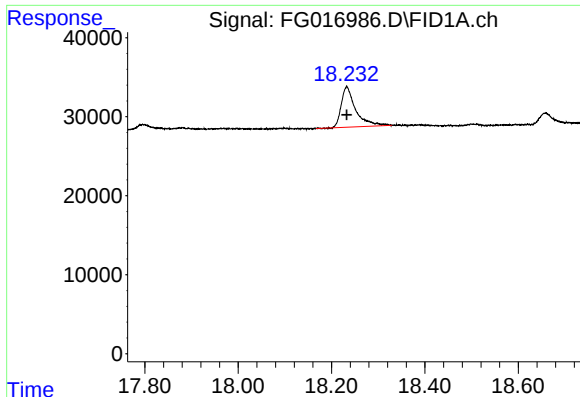
#11 N-HEXACOSANE

R.T.: 16.387 min
Delta R.T.: 0.004 min
Response: 85281
Conc: 0.72 ug/ml



#12 N-OCTACOSANE

R.T.: 17.341 min
Delta R.T.: 0.002 min
Response: 91703
Conc: 0.78 ug/ml



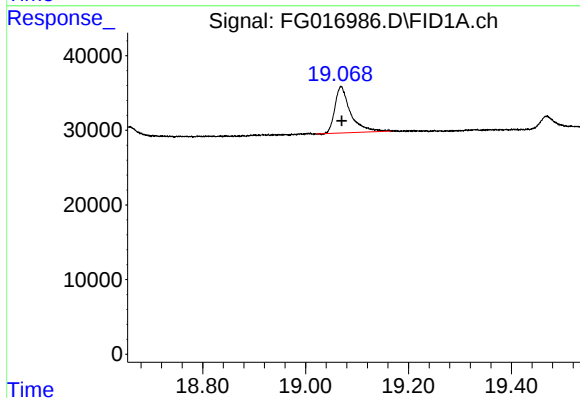
#13 N-TRIACONTANE

R.T.: 18.233 min
Delta R.T.: 0.000 min
Response: 109711
Conc: 0.93 ug/ml

Instrument :
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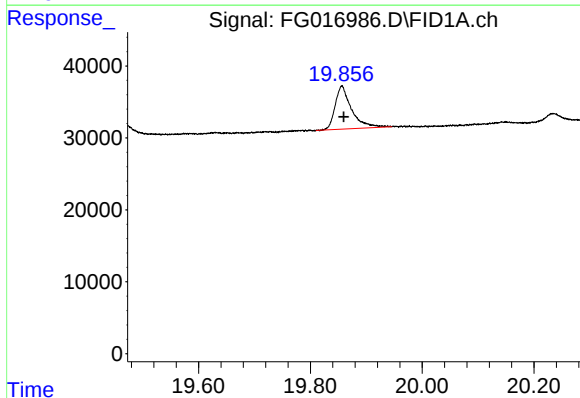
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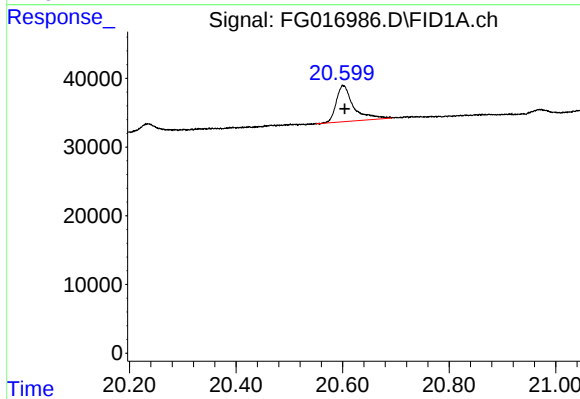
#14 N-DOTRIACONTANE

R.T.: 19.069 min
Delta R.T.: -0.001 min
Response: 130831
Conc: 1.15 ug/ml



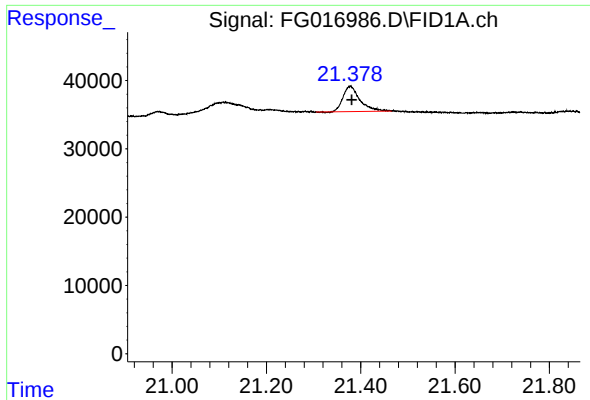
#15 N-TETRATRIACONTANE

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 121649
Conc: 1.15 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.601 min
Delta R.T.: -0.002 min
Response: 118153
Conc: 1.25 ug/ml



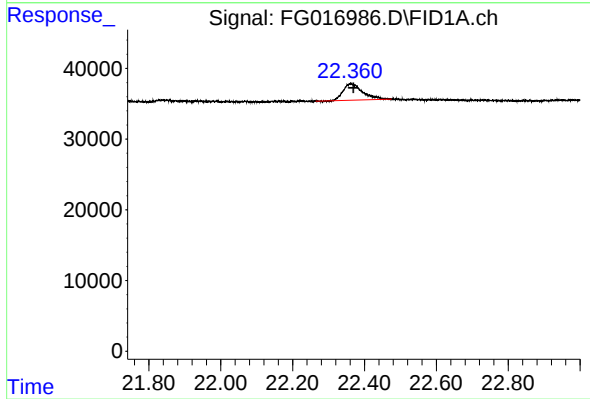
#17 N-OCTATRIACONTANE

R.T.: 21.378 min
Delta R.T.: -0.003 min
Response: 92421
Conc: 1.15 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.362 min
Delta R.T.: -0.007 min
Response: 88895
Conc: 1.27 ug/ml