

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120225\
 Data File : FG017050.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2025 03:01
 Operator : YP\AJ
 Sample : Q3735-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-3-112625MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/03/2025
 Supervised By :mohammad ahmed 12/05/2025

Integration File: Sample.e
 Quant Time: Dec 03 04:25:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.143	1260264	12.111 ug/ml
Target Compounds			
1) N-OCTANE	2.083	1344150	10.799 ug/ml
2) N-DECANE	4.617	1615170	13.540 ug/ml
3) N-DODECANE	6.799	1658507	13.885 ug/ml
4) N-TETRADECANE	8.638	1619102	13.990 ug/ml
5) N-HEXADECANE	10.256	1732084	15.137 ug/ml
6) N-OCTADECANE	11.710	1842165	15.359 ug/ml
7) N-EICOSANE	13.029	1794286	14.434 ug/ml
8) N-DOCOSANE	14.237	1800167	15.077 ug/ml
10) N-TETRACOSANE	15.347	1865350	15.877 ug/ml
11) N-HEXACOSANE	16.376	1723122	15.337 ug/ml
12) N-OCTACOSANE	17.333	1795342	15.911 ug/ml
13) N-TRIACONTANE	18.226	1669426	14.915 ug/mlm
14) N-DOTRIACONTANE	19.066	1971223	18.234 ug/ml
15) N-TETRATRIACONTANE	19.855	1709682	17.054 ug/ml
16) N-HEXATRIACONTANE	20.601	1546487	17.731 ug/ml
17) N-OCTATRIACONTANE	21.379	1308475	17.159 ug/mlm
18) N-TETRACONTANE	22.364	1179538	18.853 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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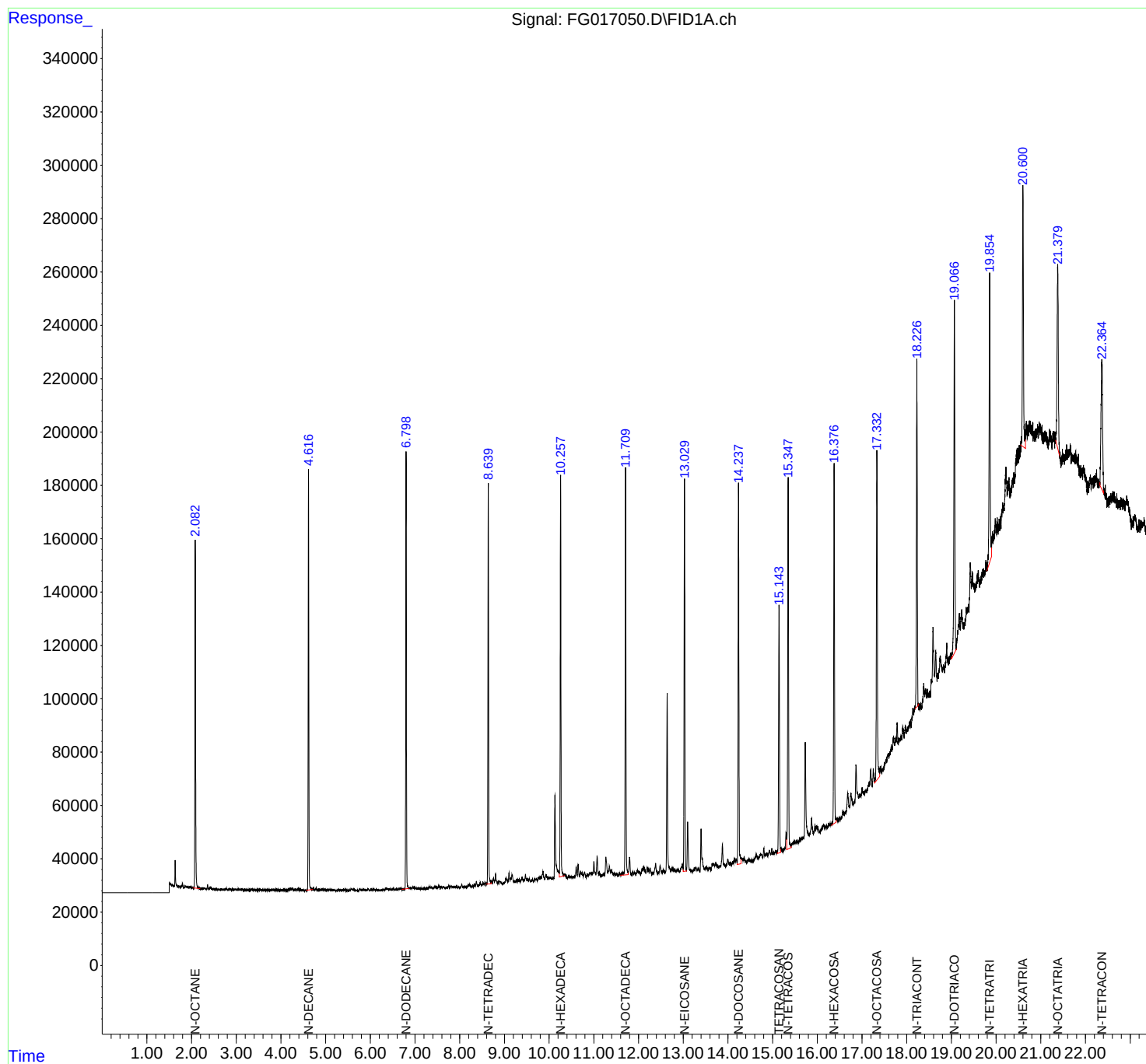
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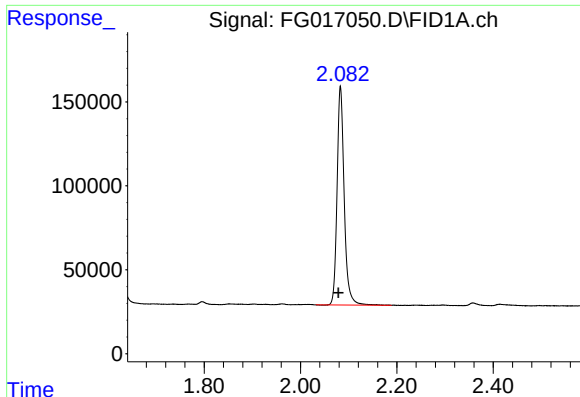
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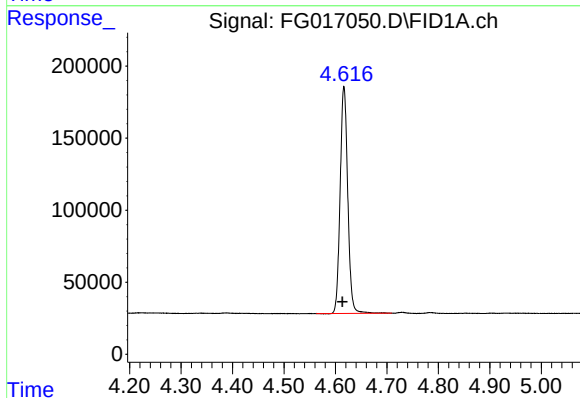
#1 N-OCTANE

R.T.: 2.083 min
Delta R.T.: 0.004 min
Response: 1344150
Conc: 10.80 ug/ml

Instrument :
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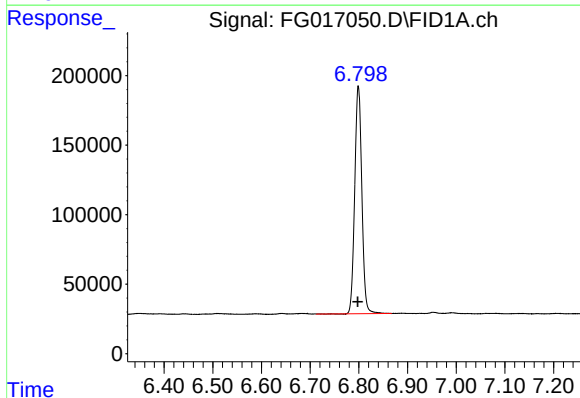
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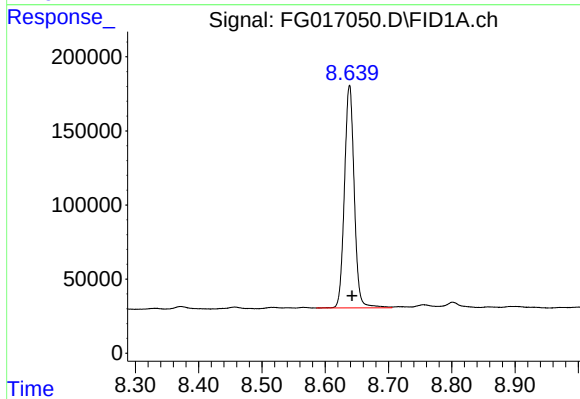
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: 0.003 min
Response: 1615170
Conc: 13.54 ug/ml



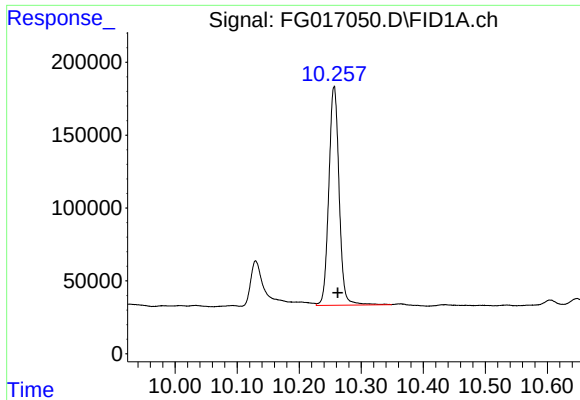
#3 N-DODECANE

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 1658507
Conc: 13.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.638 min
Delta R.T.: -0.004 min
Response: 1619102
Conc: 13.99 ug/ml



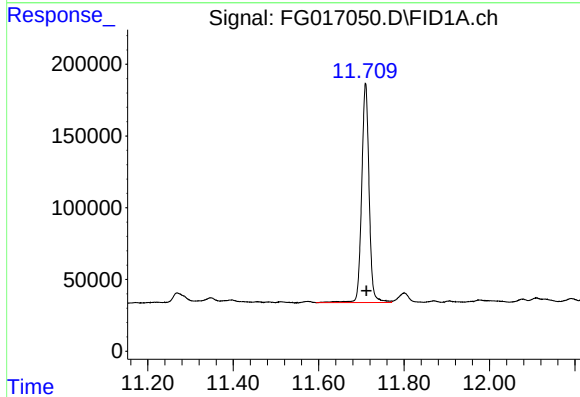
#5 N-HEXADECANE

R.T.: 10.256 min
Delta R.T.: -0.006 min
Response: 1732084
Conc: 15.14 ug/ml

Instrument :
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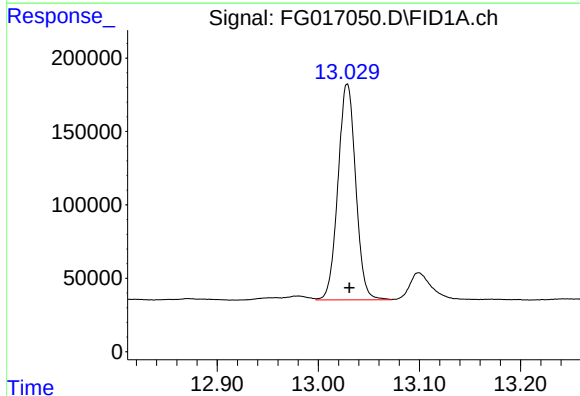
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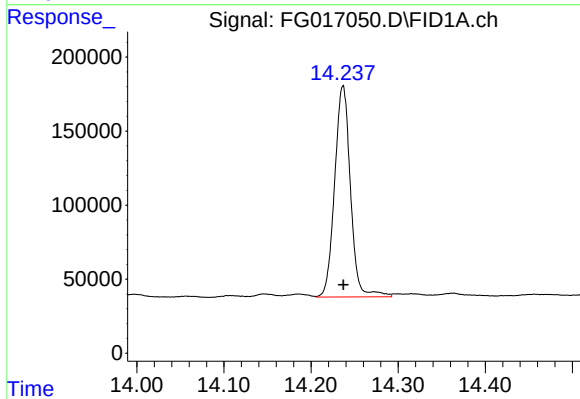
#6 N-OCTADECANE

R.T.: 11.710 min
Delta R.T.: -0.002 min
Response: 1842165
Conc: 15.36 ug/ml



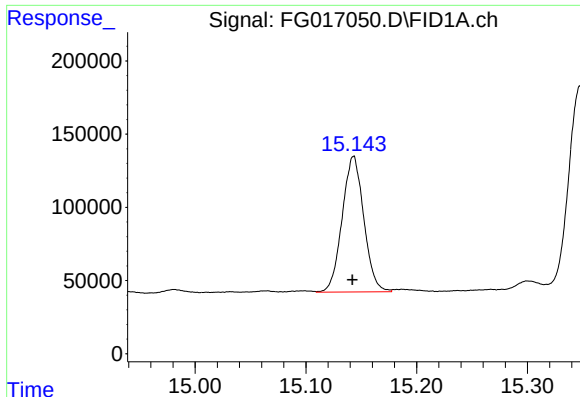
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.002 min
Response: 1794286
Conc: 14.43 ug/ml



#8 N-DOCOSANE

R.T.: 14.237 min
Delta R.T.: 0.000 min
Response: 1800167
Conc: 15.08 ug/ml



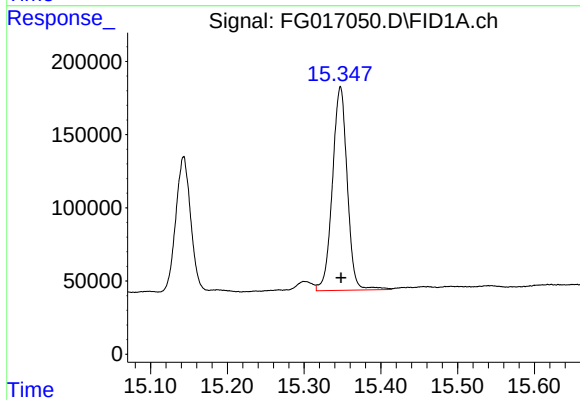
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.143 min
Delta R.T.: 0.001 min
Response: 1260264
Conc: 12.11 ug/ml

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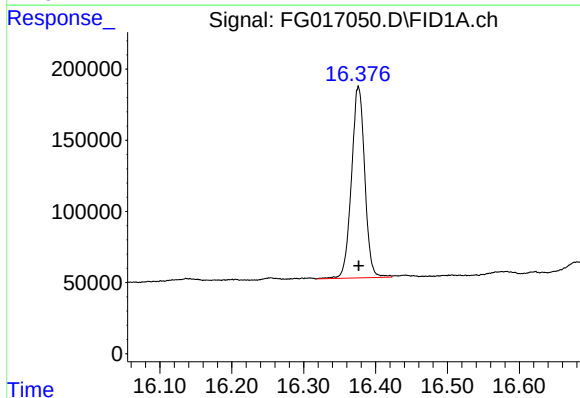
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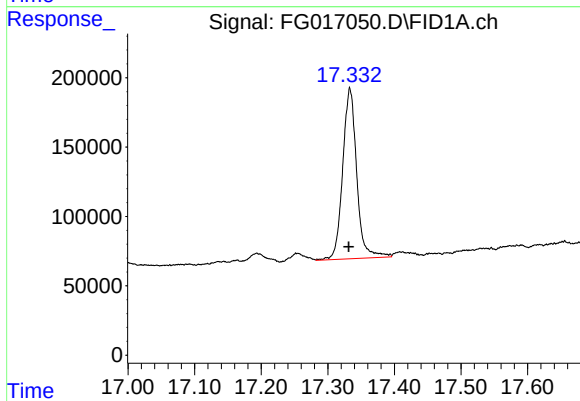
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: 0.000 min
Response: 1865350
Conc: 15.88 ug/ml



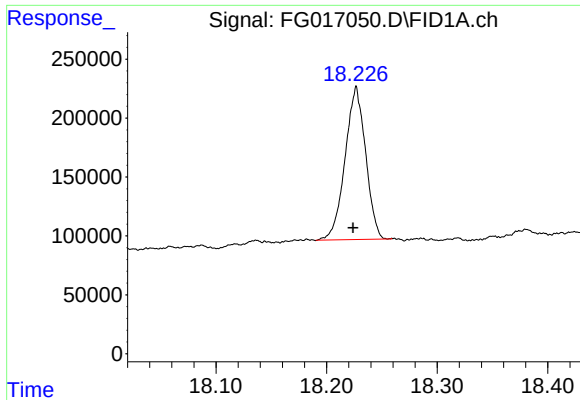
#11 N-HEXACOSANE

R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 1723122
Conc: 15.34 ug/ml



#12 N-OCTACOSANE

R.T.: 17.333 min
Delta R.T.: 0.002 min
Response: 1795342
Conc: 15.91 ug/ml



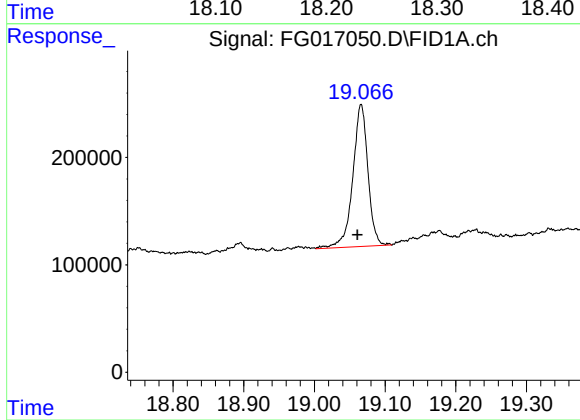
#13 N-TRIACONTANE

R.T.: 18.226 min
Delta R.T.: 0.003 min
Response: 1669426
Conc: 14.92 ug/ml

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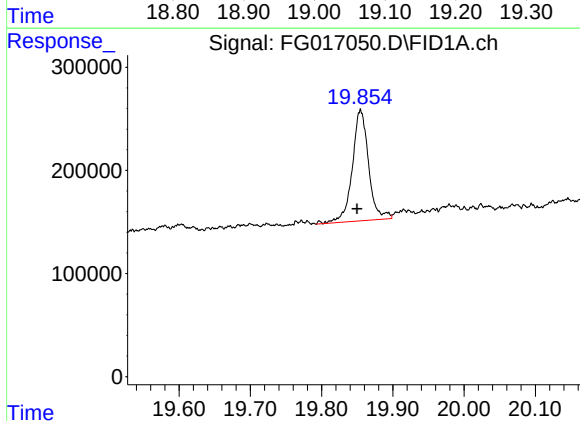
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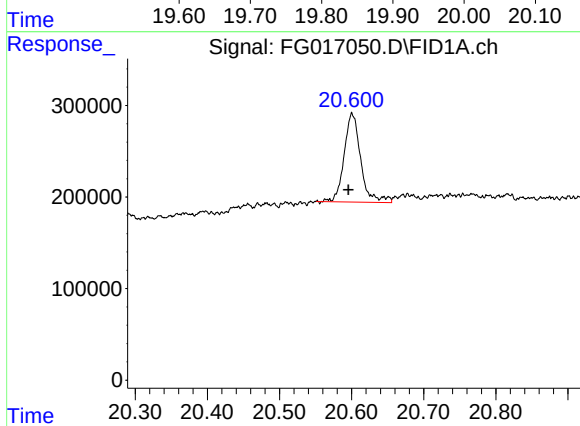
#14 N-DOTRIACONTANE

R.T.: 19.066 min
Delta R.T.: 0.005 min
Response: 1971223
Conc: 18.23 ug/ml



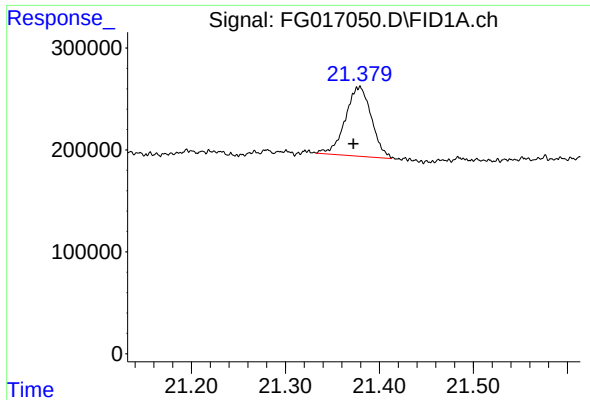
#15 N-TETRATRIACONTANE

R.T.: 19.855 min
Delta R.T.: 0.005 min
Response: 1709682
Conc: 17.05 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.601 min
Delta R.T.: 0.005 min
Response: 1546487
Conc: 17.73 ug/ml



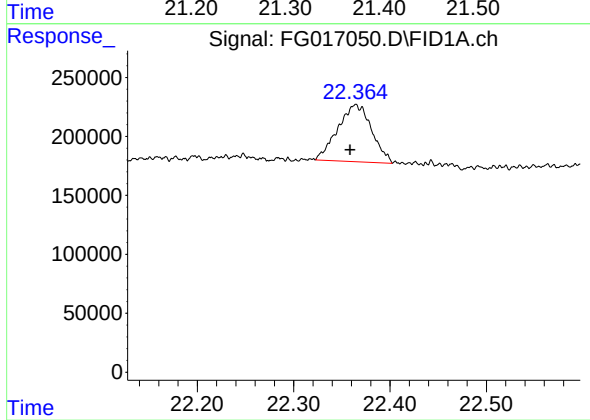
#17 N-OCTATRIACONTANE

R.T.: 21.379 min
Delta R.T.: 0.007 min
Response: 1308475
Conc: 17.16 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.364 min
Delta R.T.: 0.006 min
Response: 1179538
Conc: 18.85 ug/ml m