

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525\
 Data File : FG017177.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 20:04
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File: autoint1.e
 Quant Time: Dec 16 01:37:35 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...	15.142	4819215	46.310 ug/ml
Target Compounds			
1) N-OCTANE	2.079	5163324	41.482 ug/ml
2) N-DECANE	4.617	5647982	47.347 ug/ml
3) N-DODECANE	6.799	5693786	47.668 ug/ml
4) N-TETRADECANE	8.639	5666376	48.962 ug/ml
5) N-HEXADECANE	10.258	5625344	49.161 ug/ml
6) N-OCTADECANE	11.710	5738826	47.848 ug/ml
7) N-EICOSANE	13.030	5813560	46.767 ug/ml
8) N-DOCOSANE	14.236	5568853	46.642 ug/ml
10) N-TETRACOSANE	15.348	5535811	47.118 ug/ml
11) N-HEXACOSANE	16.376	5259096	46.811 ug/ml
12) N-OCTACOSANE	17.333	5256288	46.583 ug/ml
13) N-TRIACONTANE	18.227	5325394	47.580 ug/ml
14) N-DOTRIACONTANE	19.065	5351129	49.499 ug/ml
15) N-TETRATRIACONTANE	19.853	5015597	50.031 ug/ml
16) N-HEXATRIACONTANE	20.597	4660672	53.435 ug/ml
17) N-OCTATRIACONTANE	21.369	4040931	52.993 ug/mlm
18) N-TETRACONTANE	22.354	3778439	60.393 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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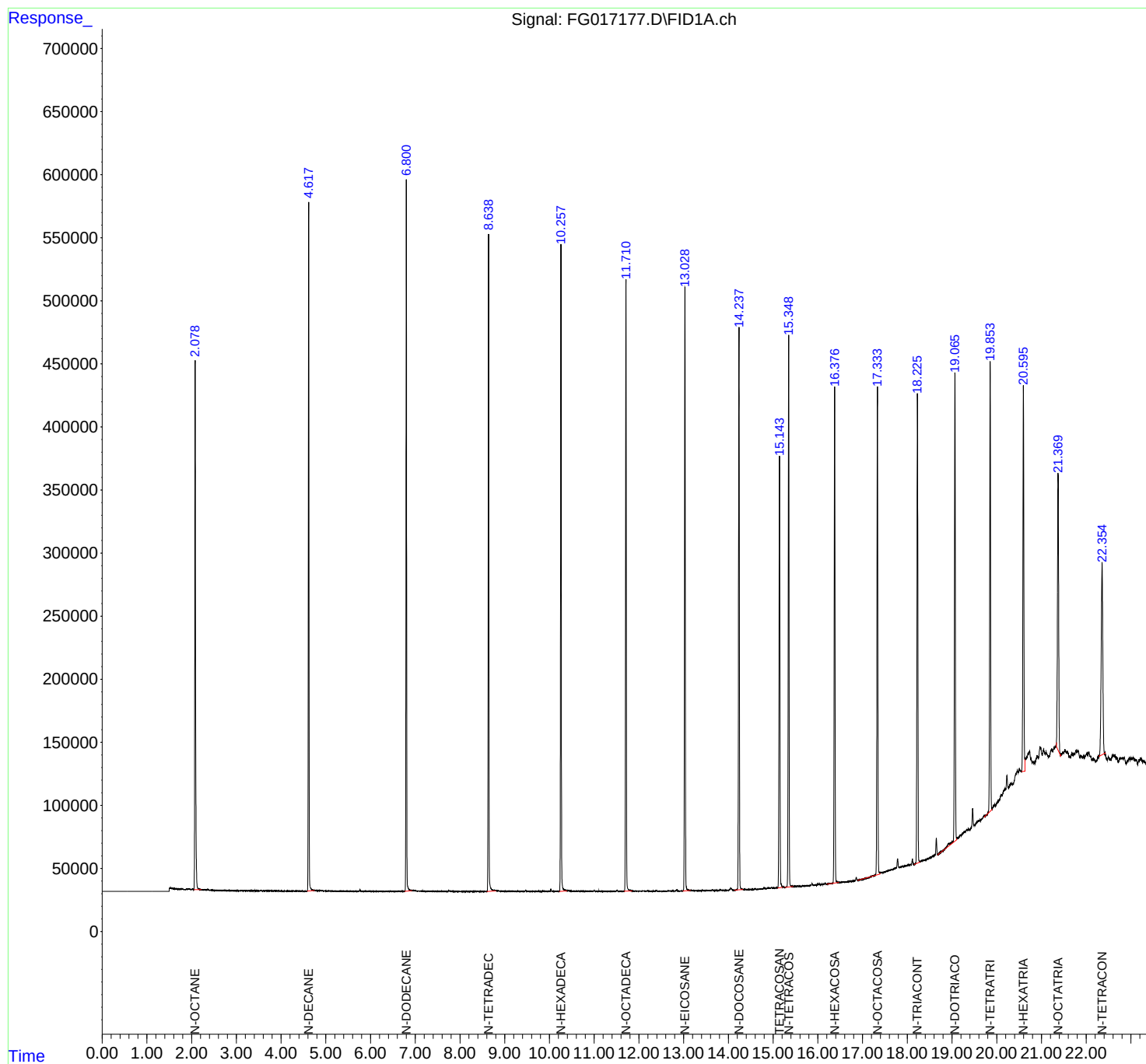
Instrument :
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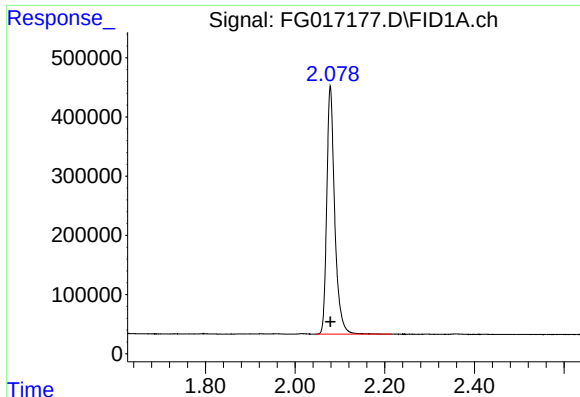
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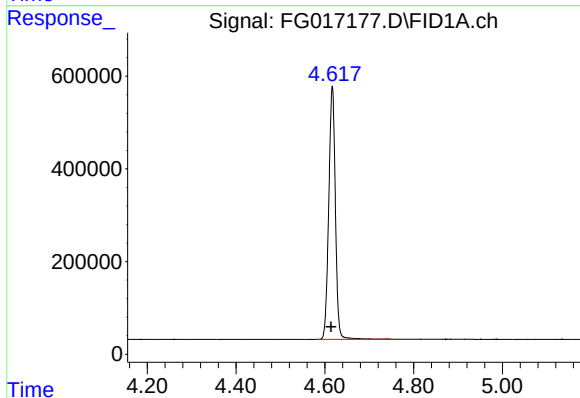
#1 N-OCTANE

R.T.: 2.079 min
Delta R.T.: 0.000 min
Response: 5163324
Conc: 41.48 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

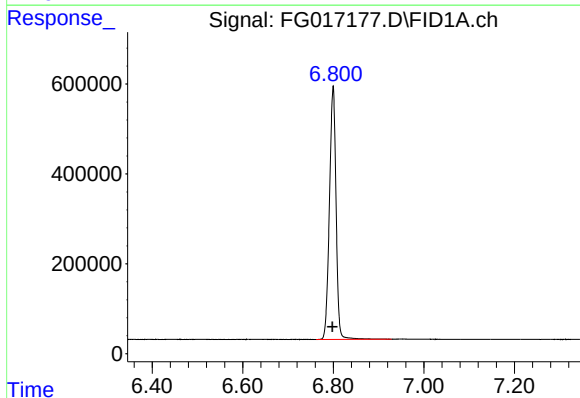
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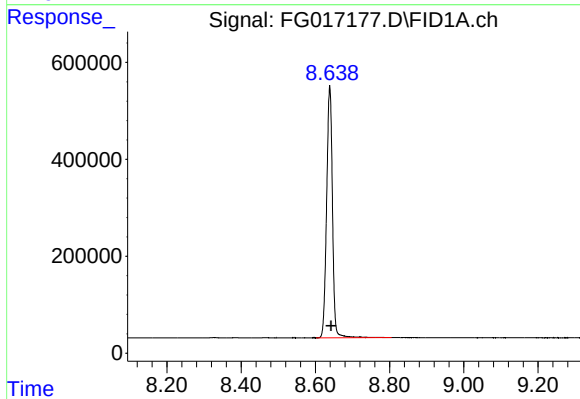
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: 0.003 min
Response: 5647982
Conc: 47.35 ug/ml



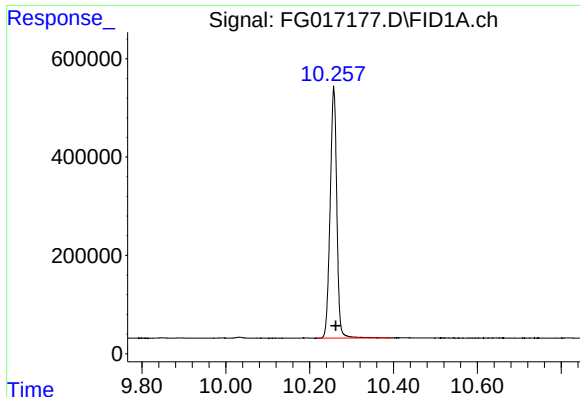
#3 N-DODECANE

R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 5693786
Conc: 47.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.639 min
Delta R.T.: -0.004 min
Response: 5666376
Conc: 48.96 ug/ml



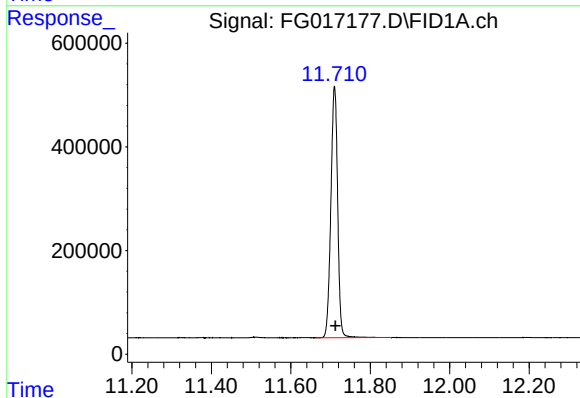
#5 N-HEXADECANE

R.T.: 10.258 min
Delta R.T.: -0.005 min
Response: 5625344
Conc: 49.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

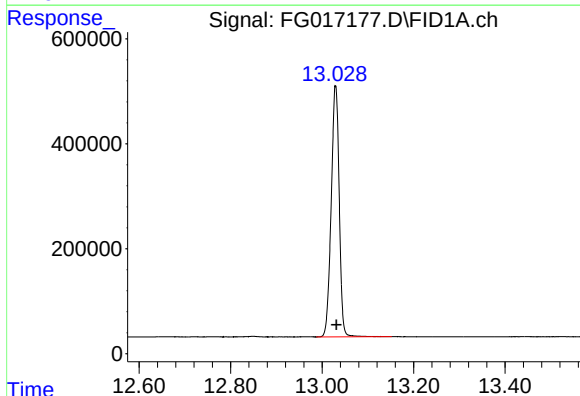
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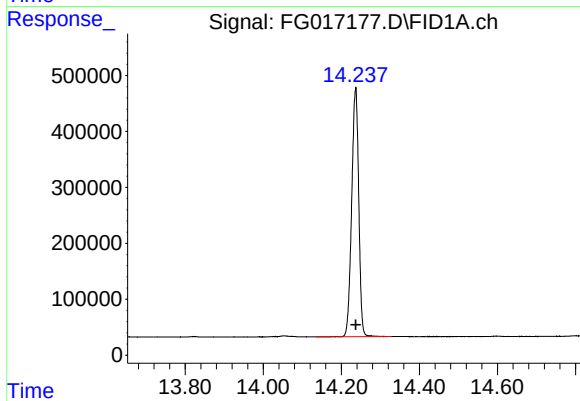
#6 N-OCTADECANE

R.T.: 11.710 min
Delta R.T.: -0.002 min
Response: 5738826
Conc: 47.85 ug/ml



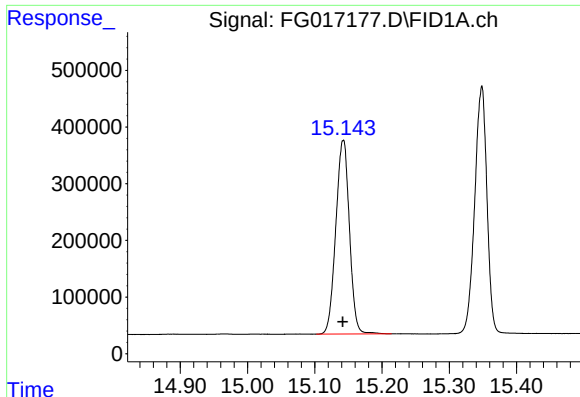
#7 N-EICOSANE

R.T.: 13.030 min
Delta R.T.: -0.001 min
Response: 5813560
Conc: 46.77 ug/ml



#8 N-DOCOSANE

R.T.: 14.236 min
Delta R.T.: 0.000 min
Response: 5568853
Conc: 46.64 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.142 min
Delta R.T.: 0.000 min
Response: 4819215
Conc: 46.31 ug/ml

Instrument :

FID_G

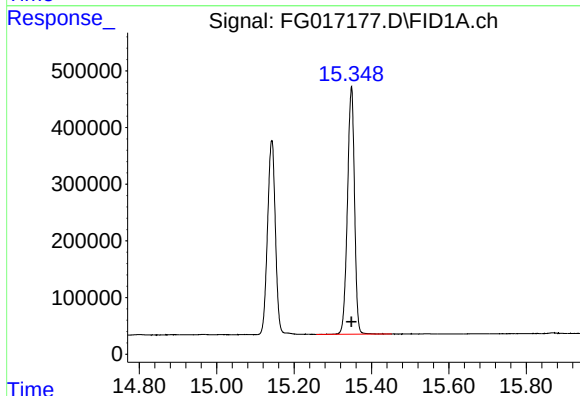
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

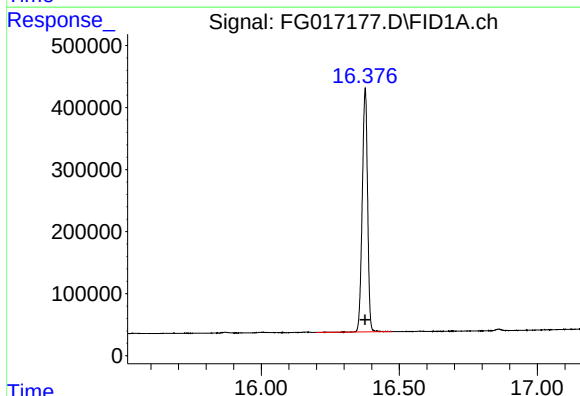
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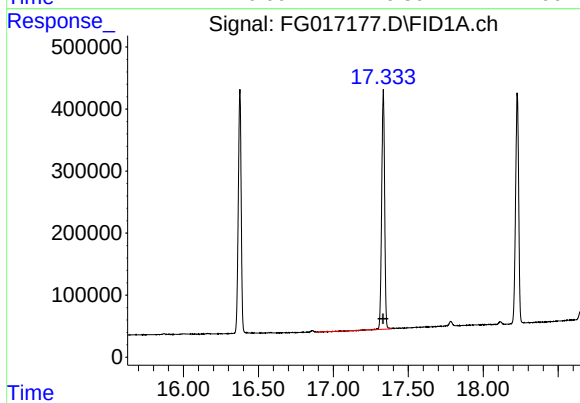
#10 N-TETRACOSANE

R.T.: 15.348 min
Delta R.T.: 0.000 min
Response: 5535811
Conc: 47.12 ug/ml



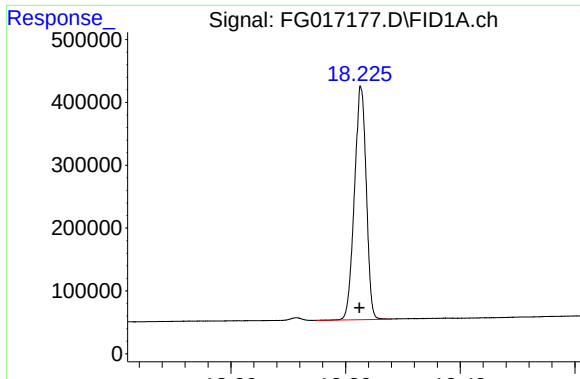
#11 N-HEXACOSANE

R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 5259096
Conc: 46.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.333 min
Delta R.T.: 0.002 min
Response: 5256288
Conc: 46.58 ug/ml



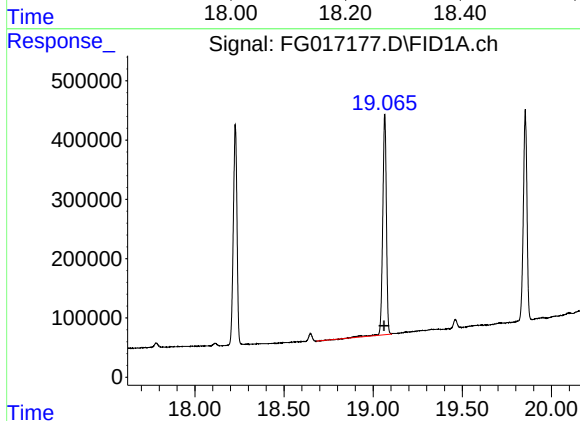
#13 N-TRIACONTANE

R.T.: 18.227 min
Delta R.T.: 0.003 min
Response: 5325394
Conc: 47.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

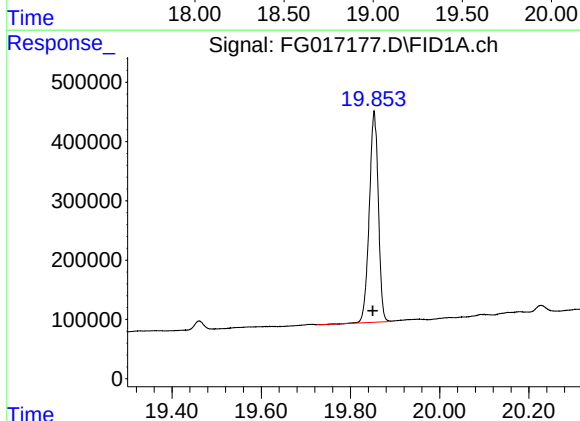
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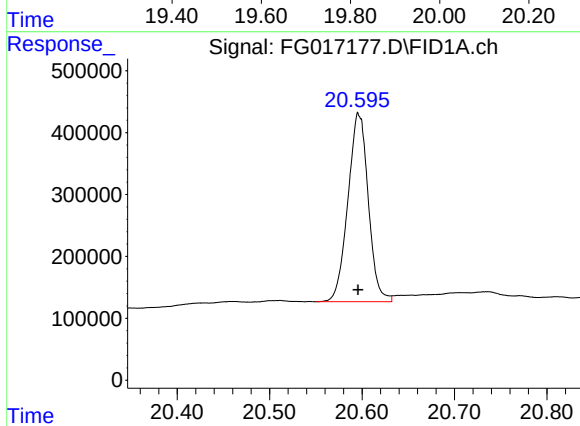
#14 N-DOTRIACONTANE

R.T.: 19.065 min
Delta R.T.: 0.004 min
Response: 5351129
Conc: 49.50 ug/ml



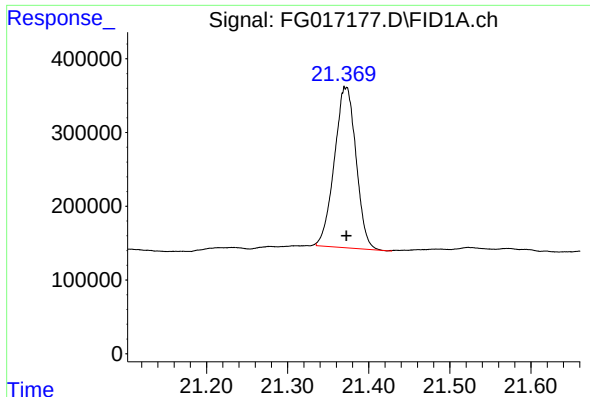
#15 N-TETRATRIACONTANE

R.T.: 19.853 min
Delta R.T.: 0.004 min
Response: 5015597
Conc: 50.03 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.597 min
Delta R.T.: 0.000 min
Response: 4660672
Conc: 53.44 ug/ml



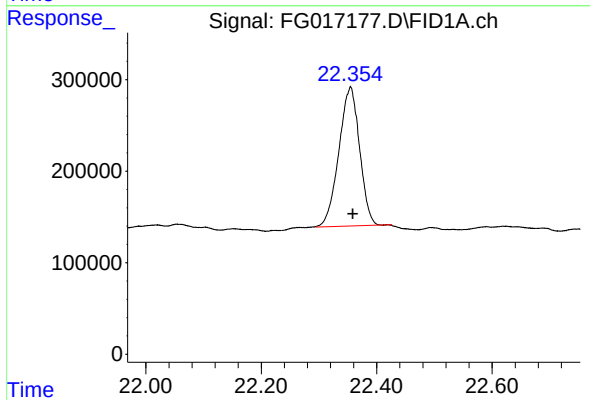
#17 N-OCTATRIACONTANE

R.T.: 21.369 min
Delta R.T.: -0.003 min
Response: 4040931
Conc: 52.99 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.354 min
Delta R.T.: -0.004 min
Response: 3778439
Conc: 60.39 ug/ml m