

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225\
 Data File : FG016735.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 12:54
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 07:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:19:54 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...	15.157	634289	5.392 ug/ml
Target Compounds			
1) N-OCTANE	2.097	669522	5.337 ug/ml
2) N-DECANE	4.633	666558	5.222 ug/ml
3) N-DODECANE	6.815	652718	4.989 ug/ml
4) N-TETRADECANE	8.656	641278	4.869 ug/ml
5) N-HEXADECANE	10.274	657978	4.962 ug/ml
6) N-OCTADECANE	11.727	723435	5.323 ug/ml
7) N-EICOSANE	13.045	726046	5.306 ug/ml
8) N-DOCOSANE	14.251	713304	5.358 ug/ml
10) N-TETRACOSANE	15.362	708813	5.342 ug/ml
11) N-HEXACOSANE	16.391	704636	5.357 ug/ml
12) N-OCTACOSANE	17.347	698624	5.429 ug/ml
13) N-TRIACONTANE	18.241	717140	5.658 ug/ml
14) N-DOTRIACONTANE	19.078	688537	5.896 ug/ml
15) N-TETRATRIACONTANE	19.867	564840	5.890 ug/mlm
16) N-HEXATRIACONTANE	20.611	429730	5.731 ug/ml
17) N-OCTATRIACONTANE	21.391	350983	5.539 ug/ml
18) N-TETRACONTANE	22.378	291879	5.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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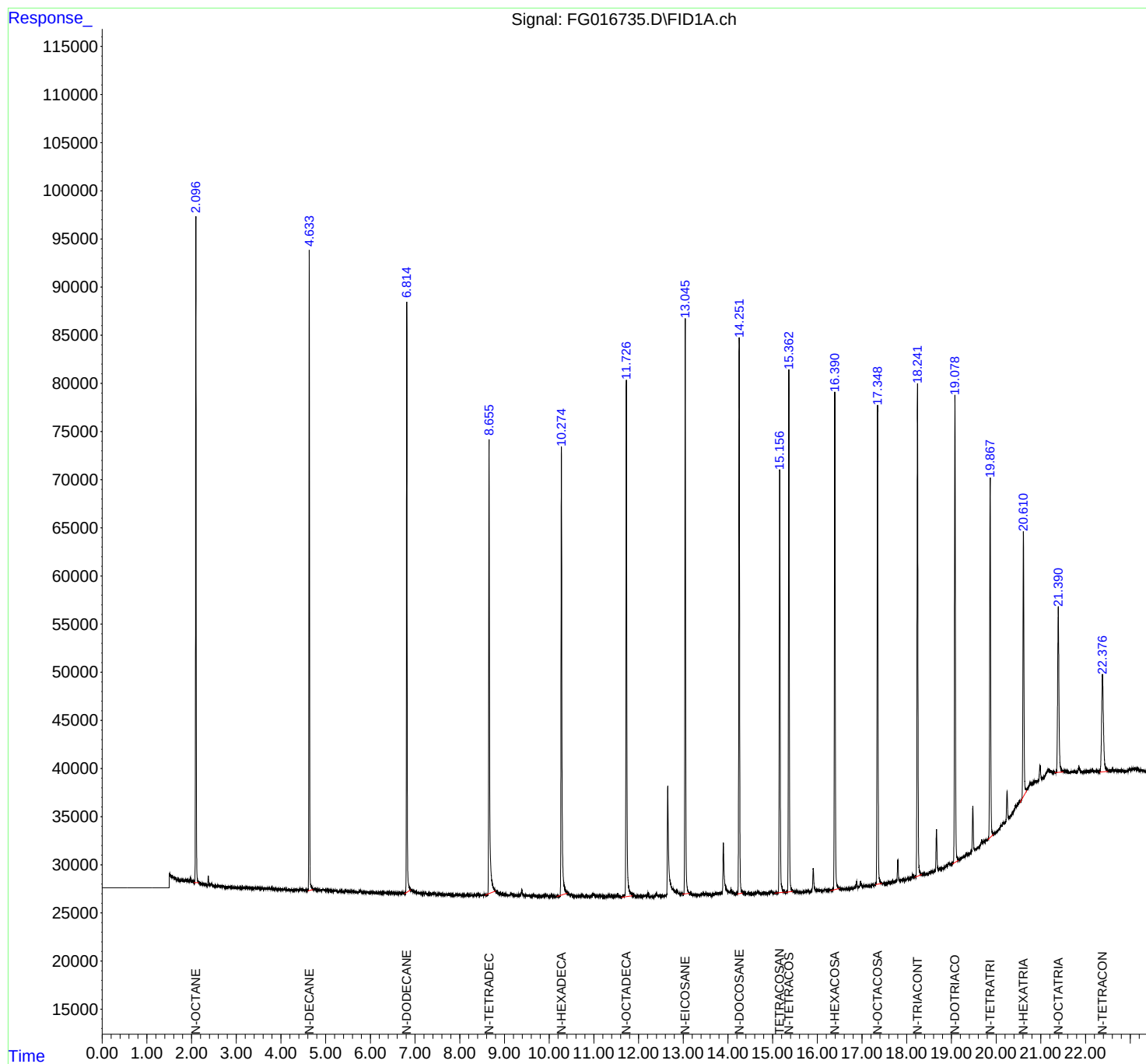
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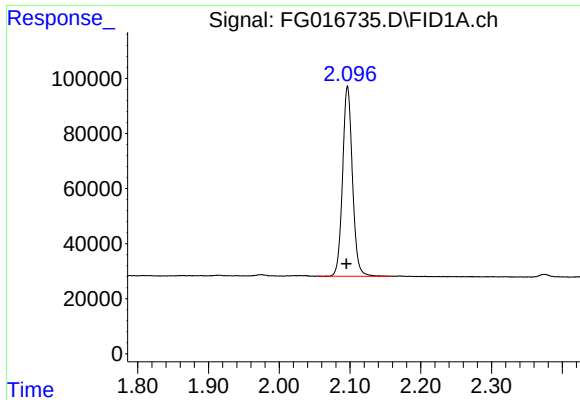
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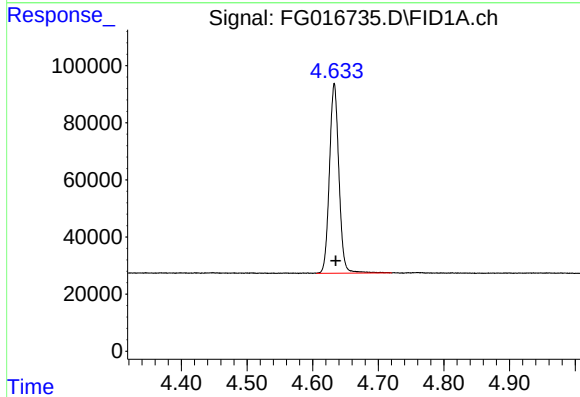
#1 N-OCTANE

R.T.: 2.097 min
Delta R.T.: 0.002 min
Response: 669522
Conc: 5.34 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

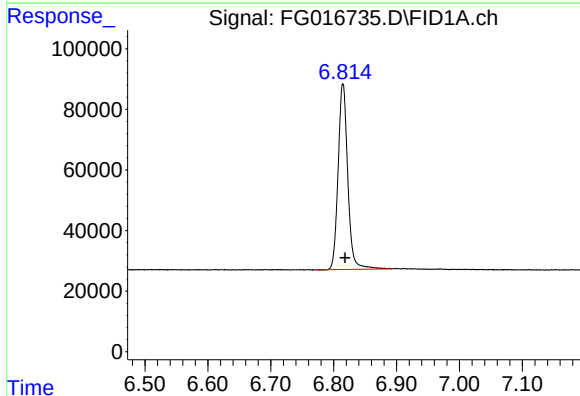
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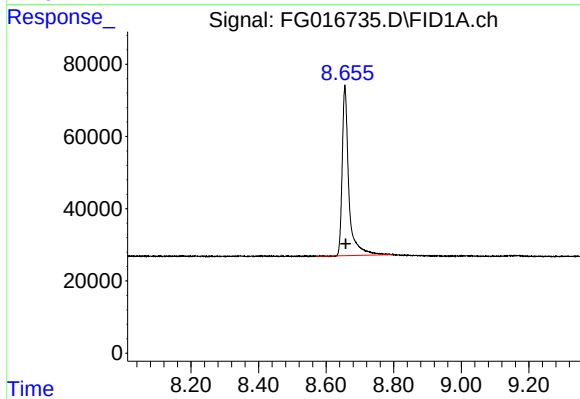
#2 N-DECANE

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 666558
Conc: 5.22 ug/ml



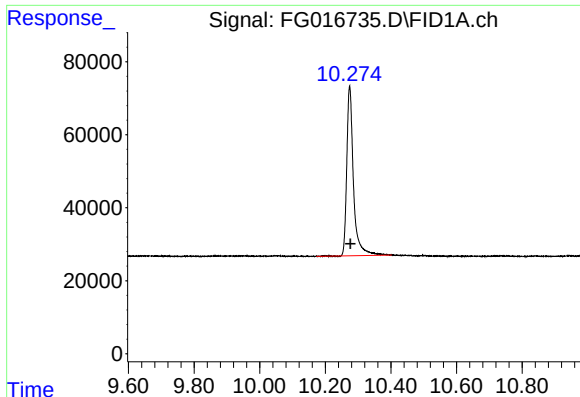
#3 N-DODECANE

R.T.: 6.815 min
Delta R.T.: -0.003 min
Response: 652718
Conc: 4.99 ug/ml



#4 N-TETRADECANE

R.T.: 8.656 min
Delta R.T.: -0.003 min
Response: 641278
Conc: 4.87 ug/ml



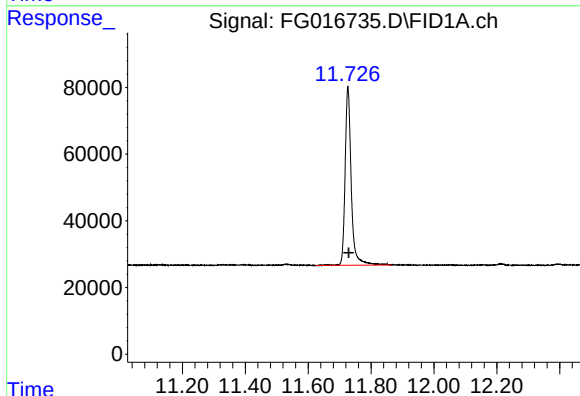
#5 N-HEXADECANE

R.T.: 10.274 min
Delta R.T.: -0.002 min
Response: 657978
Conc: 4.96 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

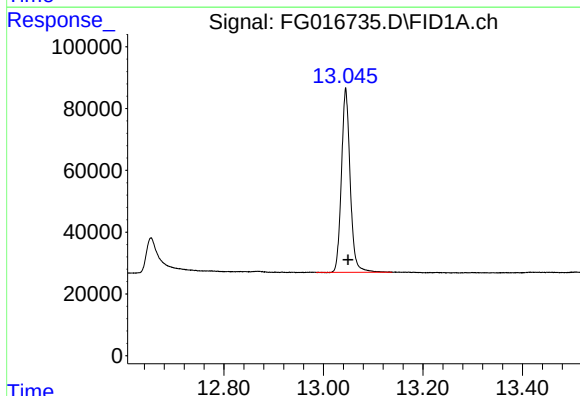
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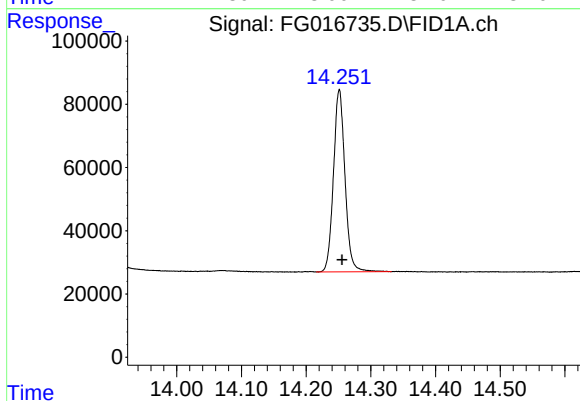
#6 N-OCTADECANE

R.T.: 11.727 min
Delta R.T.: -0.003 min
Response: 723435
Conc: 5.32 ug/ml



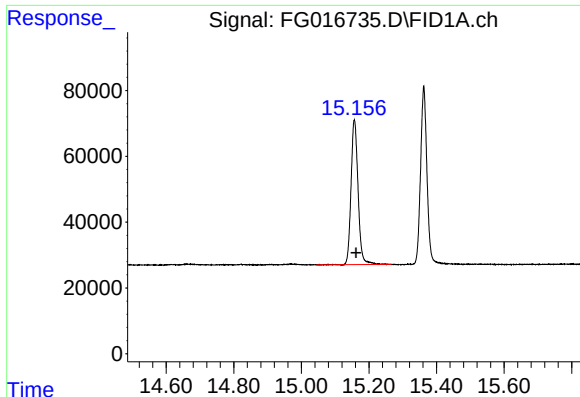
#7 N-EICOSANE

R.T.: 13.045 min
Delta R.T.: -0.005 min
Response: 726046
Conc: 5.31 ug/ml



#8 N-DOCOSANE

R.T.: 14.251 min
Delta R.T.: -0.005 min
Response: 713304
Conc: 5.36 ug/ml



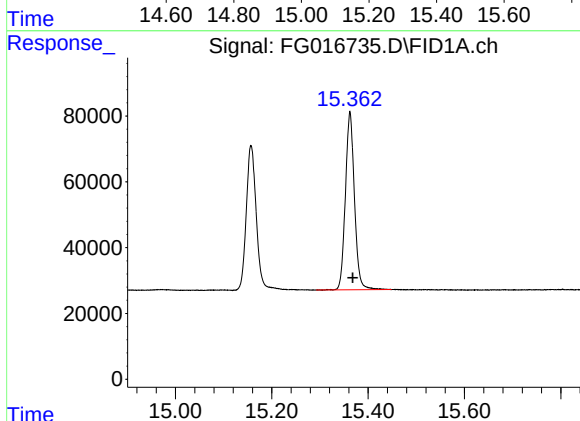
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.157 min
Delta R.T.: -0.005 min
Response: 634289
Conc: 5.39 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

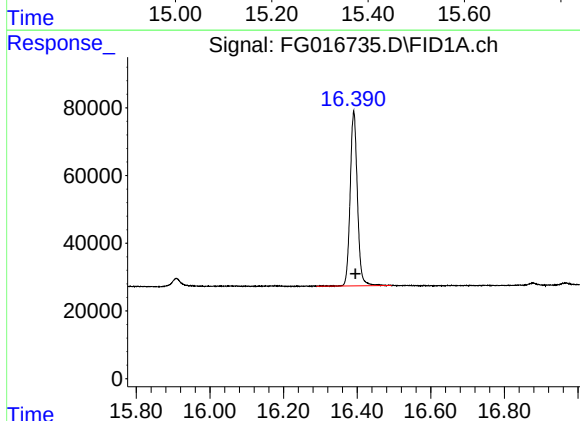
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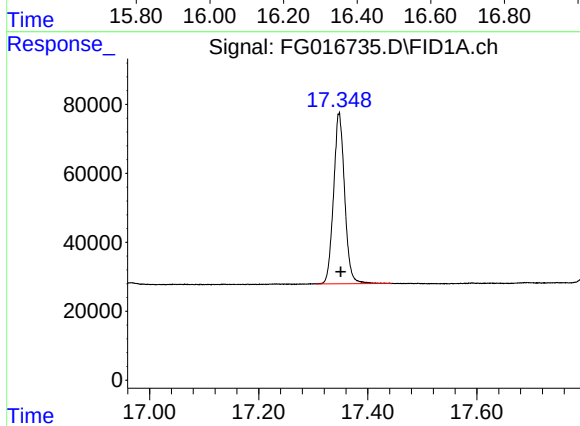
#10 N-TETRACOSANE

R.T.: 15.362 min
Delta R.T.: -0.005 min
Response: 708813
Conc: 5.34 ug/ml



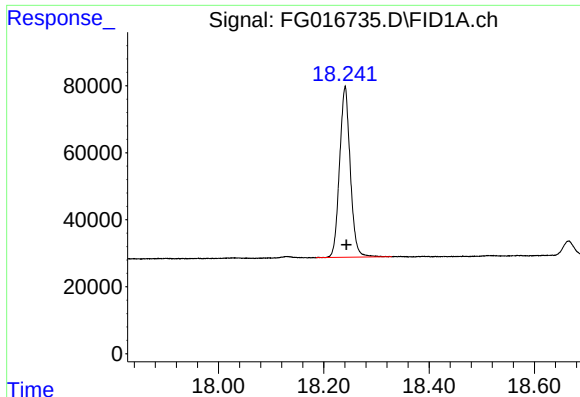
#11 N-HEXACOSANE

R.T.: 16.391 min
Delta R.T.: -0.004 min
Response: 704636
Conc: 5.36 ug/ml



#12 N-OCTACOSANE

R.T.: 17.347 min
Delta R.T.: -0.003 min
Response: 698624
Conc: 5.43 ug/ml



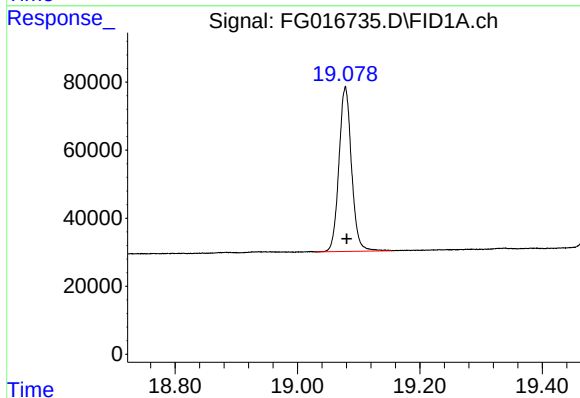
#13 N-TRIACONTANE

R.T.: 18.241 min
Delta R.T.: -0.002 min
Response: 717140
Conc: 5.66 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

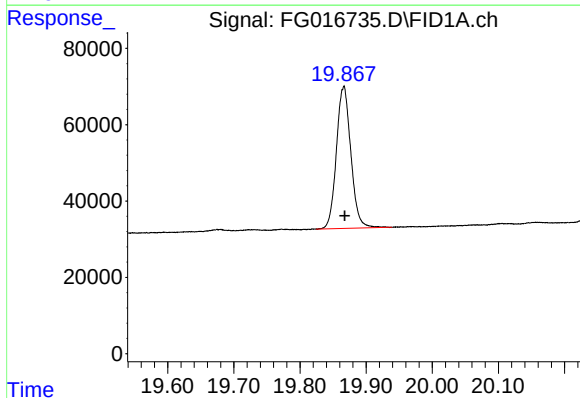
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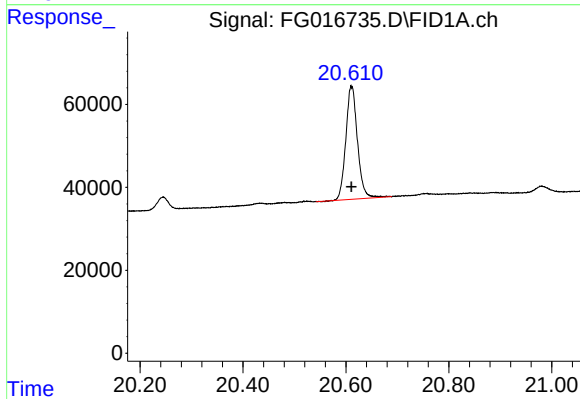
#14 N-DOTRIACONTANE

R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 688537
Conc: 5.90 ug/ml



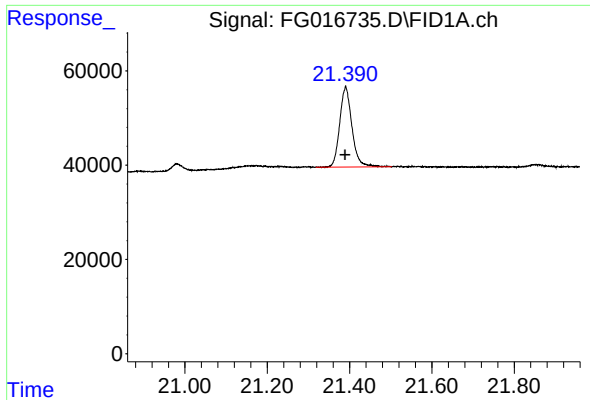
#15 N-TETRATRIACONTANE

R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 564840
Conc: 5.89 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.611 min
Delta R.T.: 0.000 min
Response: 429730
Conc: 5.73 ug/ml



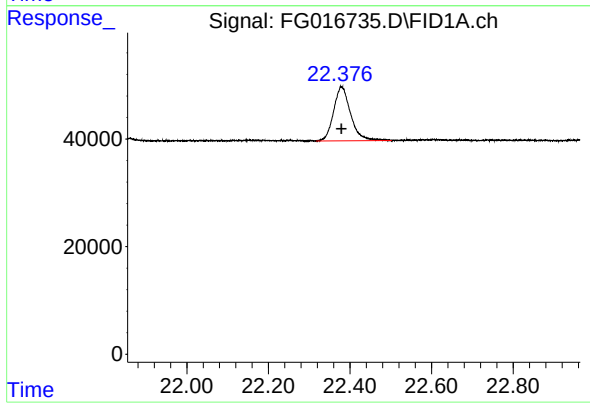
#17 N-OCTATRIACONTANE

R.T.: 21.391 min
Delta R.T.: 0.002 min
Response: 350983
Conc: 5.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.378 min
Delta R.T.: 0.000 min
Response: 291879
Conc: 5.24 ug/ml