

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051324\
 Data File : FG013839.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2024 21:16
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
 Quant Time: May 14 04:06:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
 Quant Title :
 QLast Update : Thu May 09 14:35:12 2024
 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...	15.029	6228179	53.460 ug/mlm
Target Compounds			
1) N-OCTANE	2.024	6227023	50.335 ug/ml
2) N-DECANE	4.544	6711056	52.971 ug/ml
3) N-DODECANE	6.716	6942237	53.879 ug/mlm
4) N-TETRADECANE	8.550	7075433	53.794 ug/ml
5) N-HEXADECANE	10.162	7188810	53.928 ug/ml
6) N-OCTADECANE	11.610	7311229	53.678 ug/ml
7) N-EICOSANE	12.924	7185706	52.165 ug/ml
8) N-DOCOSANE	14.127	7043979	53.113 ug/ml
10) N-TETRACOSANE	15.235	7033513	53.290 ug/ml
11) N-HEXACOSANE	16.259	6912987	53.239 ug/ml
12) N-OCTACOSANE	17.212	6778291	53.415 ug/ml
13) N-TRIACONTANE	18.102	6515021	51.320 ug/ml
14) N-DOTRIACONTANE	18.936	5937299	46.658 ug/mlm
15) N-TETRATRIACONTANE	19.722	5280864	45.206 ug/mlm
16) N-HEXATRIACONTANE	20.464	4593275	41.686 ug/mlm
17) N-OCTATRIACONTANE	21.211	4277668	42.887 ug/mlm
18) N-TETRACONTANE	22.141	4254694	43.087 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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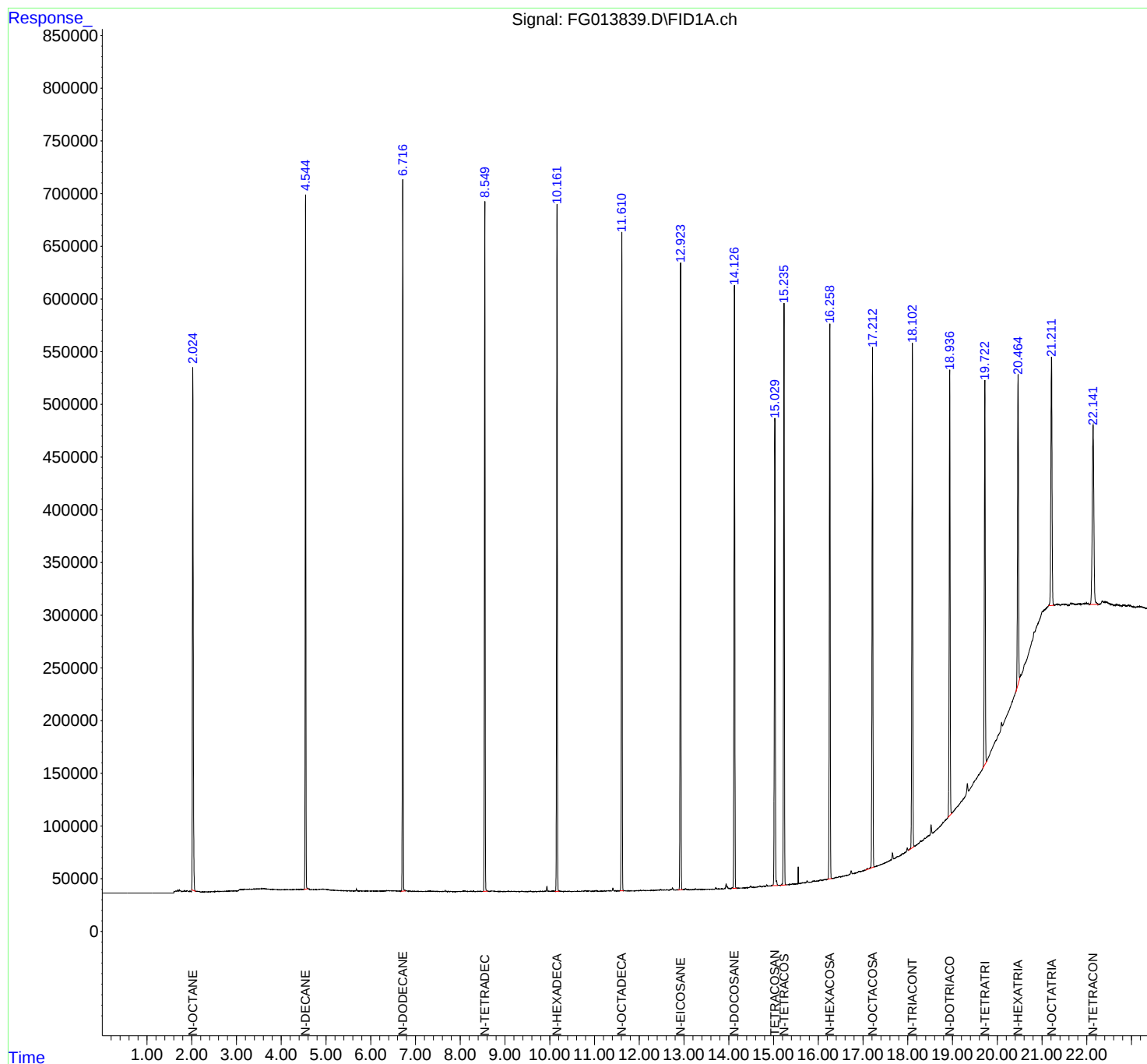
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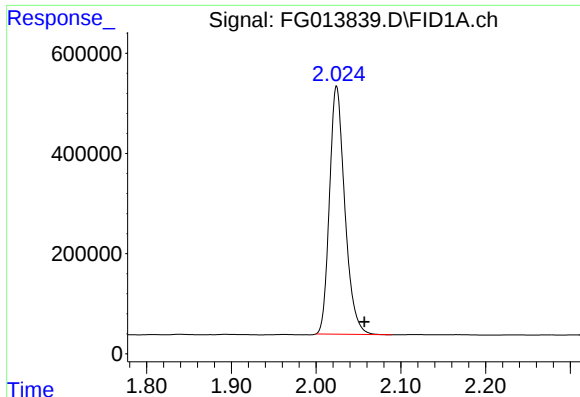
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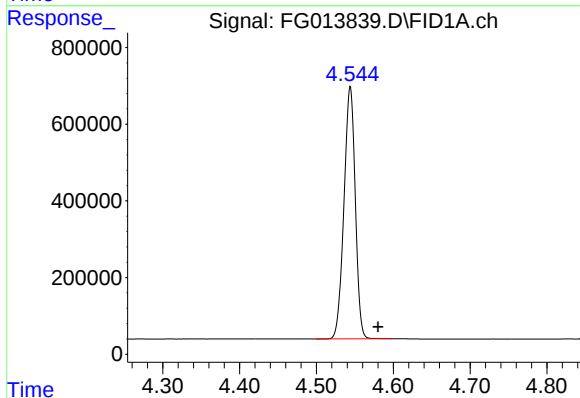
#1 N-OCTANE

R.T.: 2.024 min
Delta R.T.: -0.033 min
Response: 6227023
Conc: 50.34 ug/ml

Instrument :
FID_G
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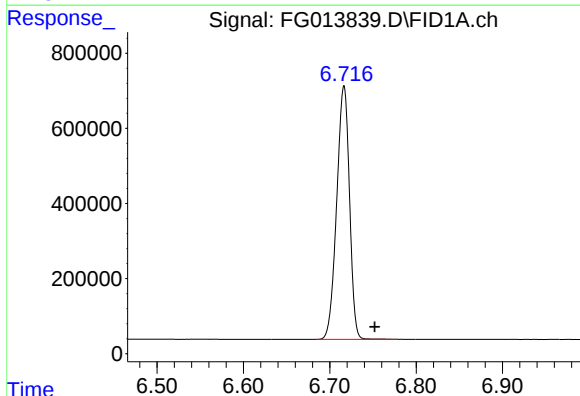
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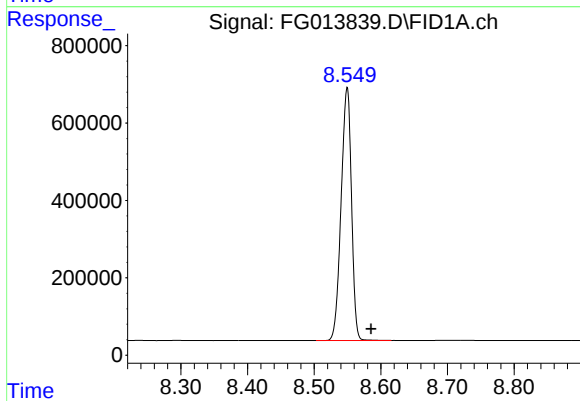
#2 N-DECANE

R.T.: 4.544 min
Delta R.T.: -0.036 min
Response: 6711056
Conc: 52.97 ug/ml



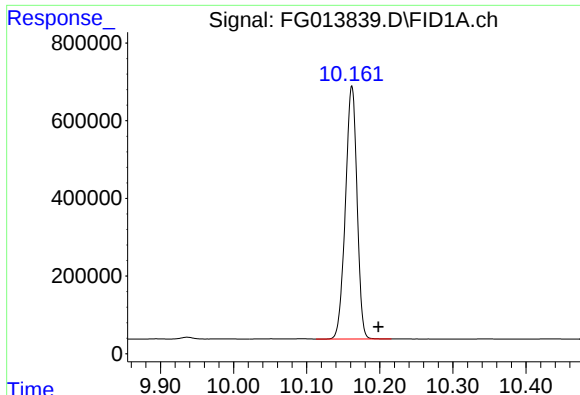
#3 N-DODECANE

R.T.: 6.716 min
Delta R.T.: -0.036 min
Response: 6942237
Conc: 53.88 ug/ml m



#4 N-TETRADECANE

R.T.: 8.550 min
Delta R.T.: -0.036 min
Response: 7075433
Conc: 53.79 ug/ml



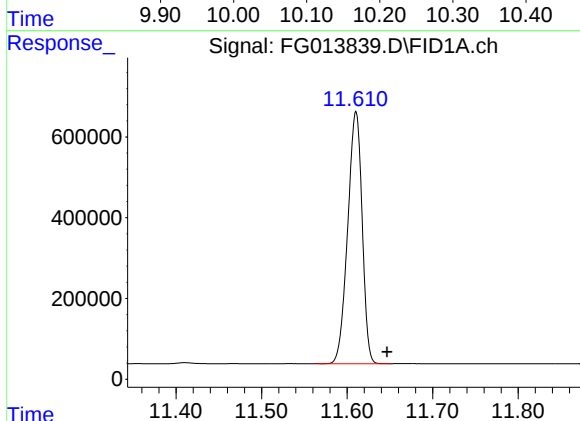
#5 N-HEXADECANE

R.T.: 10.162 min
Delta R.T.: -0.036 min
Response: 7188810
Conc: 53.93 ug/ml

Instrument :
FID_G
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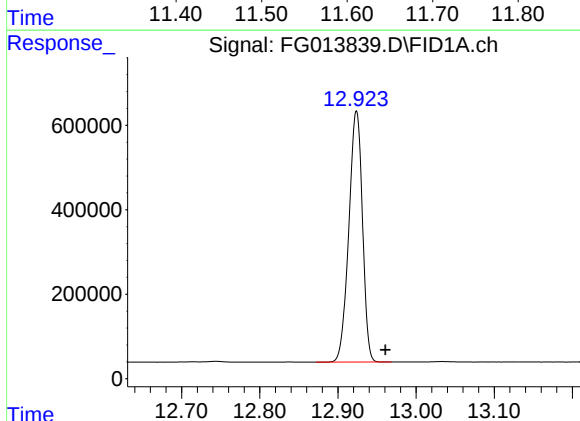
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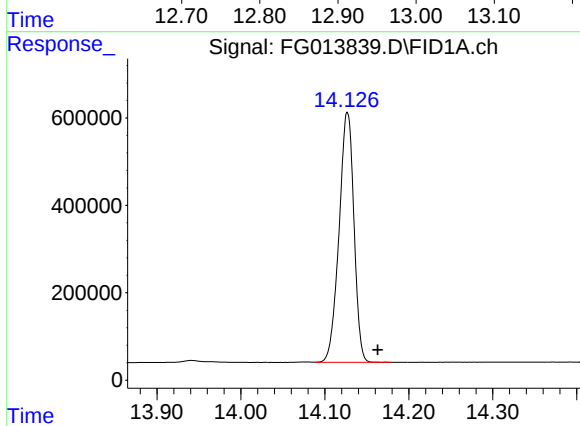
#6 N-OCTADECANE

R.T.: 11.610 min
Delta R.T.: -0.036 min
Response: 7311229
Conc: 53.68 ug/ml



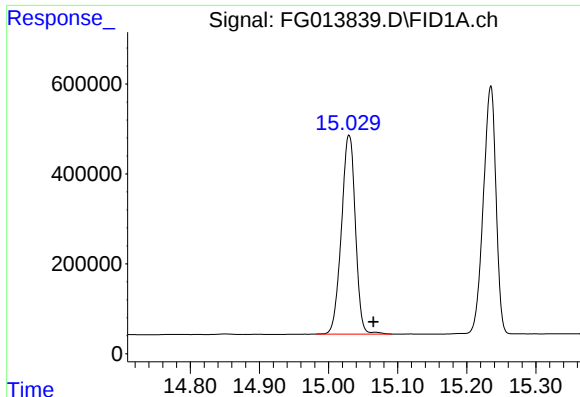
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: -0.037 min
Response: 7185706
Conc: 52.17 ug/ml



#8 N-DOCOSANE

R.T.: 14.127 min
Delta R.T.: -0.036 min
Response: 7043979
Conc: 53.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.029 min
Delta R.T.: -0.036 min
Response: 6228179
Conc: 53.46 ug/ml

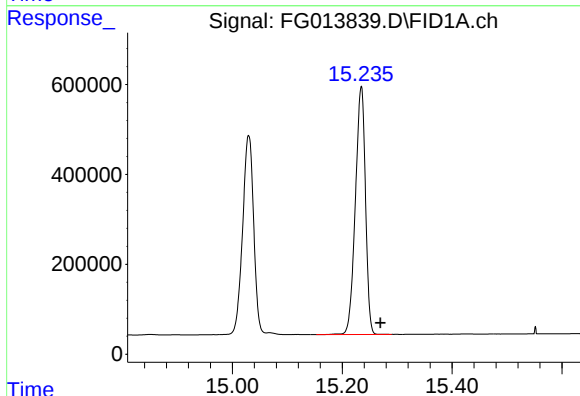
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

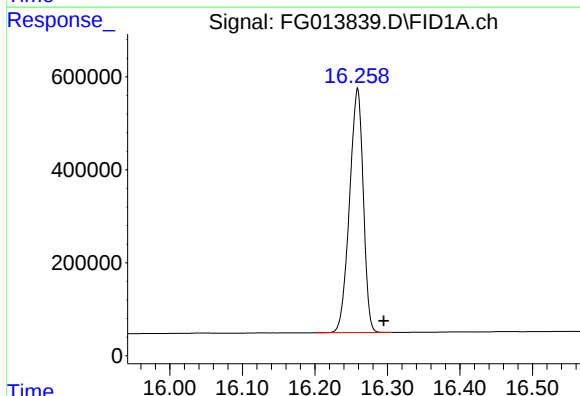
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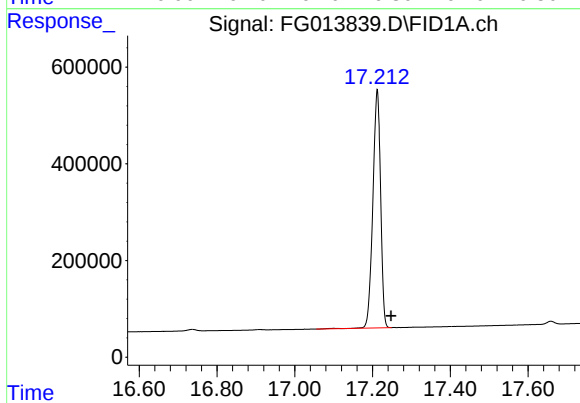
#10 N-TETRACOSANE

R.T.: 15.235 min
Delta R.T.: -0.035 min
Response: 7033513
Conc: 53.29 ug/ml



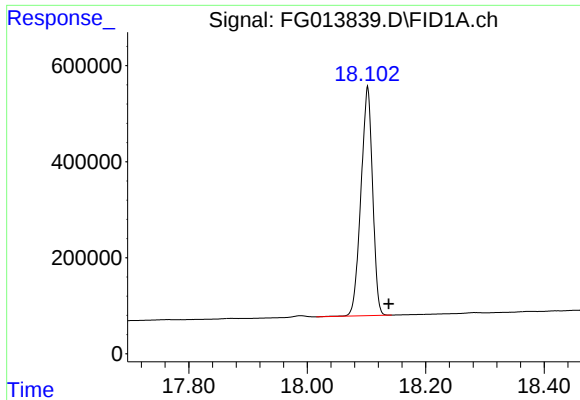
#11 N-HEXACOSANE

R.T.: 16.259 min
Delta R.T.: -0.036 min
Response: 6912987
Conc: 53.24 ug/ml



#12 N-OCTACOSANE

R.T.: 17.212 min
Delta R.T.: -0.036 min
Response: 6778291
Conc: 53.42 ug/ml



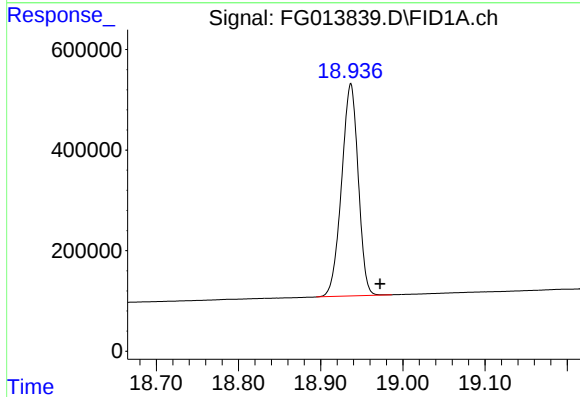
#13 N-TRIACONTANE

R.T.: 18.102 min
Delta R.T.: -0.035 min
Response: 6515021
Conc: 51.32 ug/ml

Instrument :
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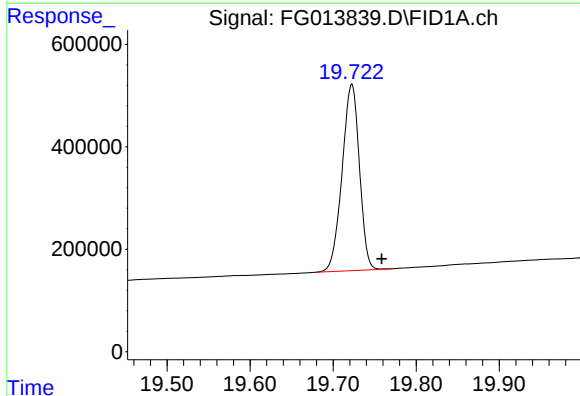
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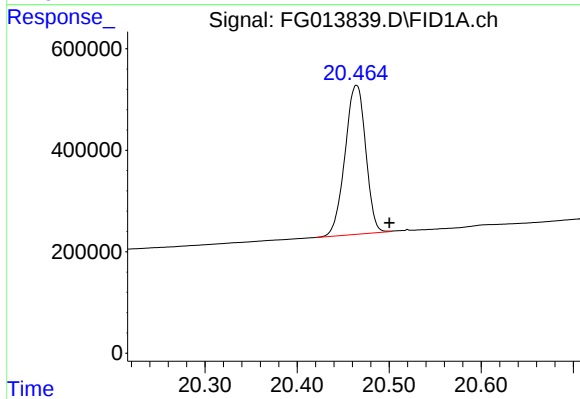
#14 N-DOTRIACONTANE

R.T.: 18.936 min
Delta R.T.: -0.036 min
Response: 5937299
Conc: 46.66 ug/ml m



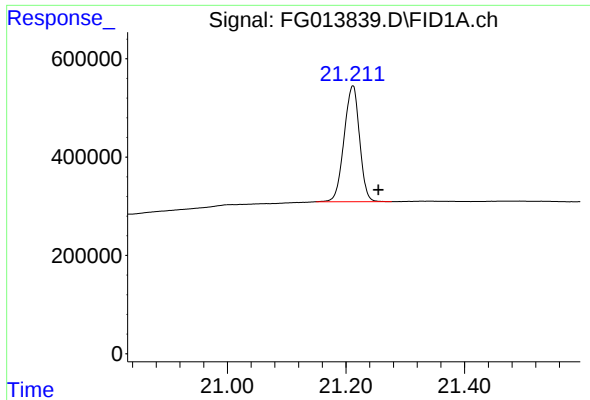
#15 N-TETRATRIACONTANE

R.T.: 19.722 min
Delta R.T.: -0.036 min
Response: 5280864
Conc: 45.21 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.464 min
Delta R.T.: -0.037 min
Response: 4593275
Conc: 41.69 ug/ml m



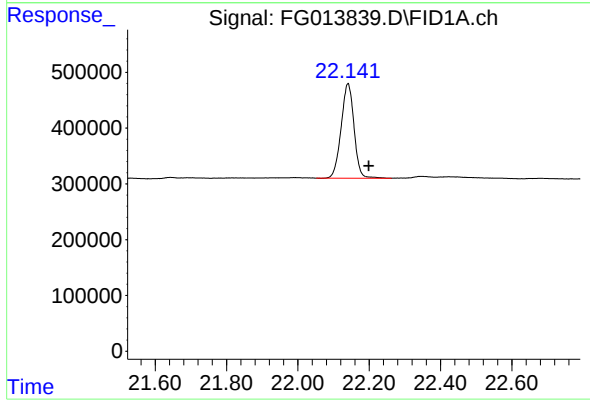
#17 N-OCTATRIACONTANE

R.T.: 21.211 min
Delta R.T.: -0.043 min
Response: 4277668
Conc: 42.89 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.141 min
Delta R.T.: -0.058 min
Response: 4254694
Conc: 43.09 ug/ml