

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081624\
 Data File : FG014113.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2024 10:18
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e
 Quant Time: Aug 16 10:58:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG081624.M
 Quant Title :
 QLast Update : Fri Aug 16 10:51:21 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...	14.937	505210	4.781 ug/ml
Target Compounds			
1) N-OCTANE	1.958	536073	4.870 ug/ml
2) N-DECANE	4.456	427783	4.295 ug/ml
3) N-DODECANE	6.627	438902	4.289 ug/mlm
4) N-TETRADECANE	8.475	528916	4.850 ug/mlm
5) N-HEXADECANE	10.084	523485	4.672 ug/ml
6) N-OCTADECANE	11.526	545067	4.675 ug/ml
7) N-EICOSANE	12.836	555224	4.665 ug/ml
8) N-DOCOSANE	14.035	556920	4.749 ug/ml
10) N-TETRACOSANE	15.140	557241	4.715 ug/ml
11) N-HEXACOSANE	16.165	557122	4.706 ug/ml
12) N-OCTACOSANE	17.115	563053	4.776 ug/ml
13) N-TRIACONTANE	18.003	573429	4.789 ug/ml
14) N-DOTRIACONTANE	18.838	578825	4.844 ug/ml
15) N-TETRATRIACONTANE	19.622	559560	4.805 ug/ml
16) N-HEXATRIACONTANE	20.364	545017	4.722 ug/ml
17) N-OCTATRIACONTANE	21.096	496557	4.782 ug/ml
18) N-TETRACONTANE	21.995	469264	4.798 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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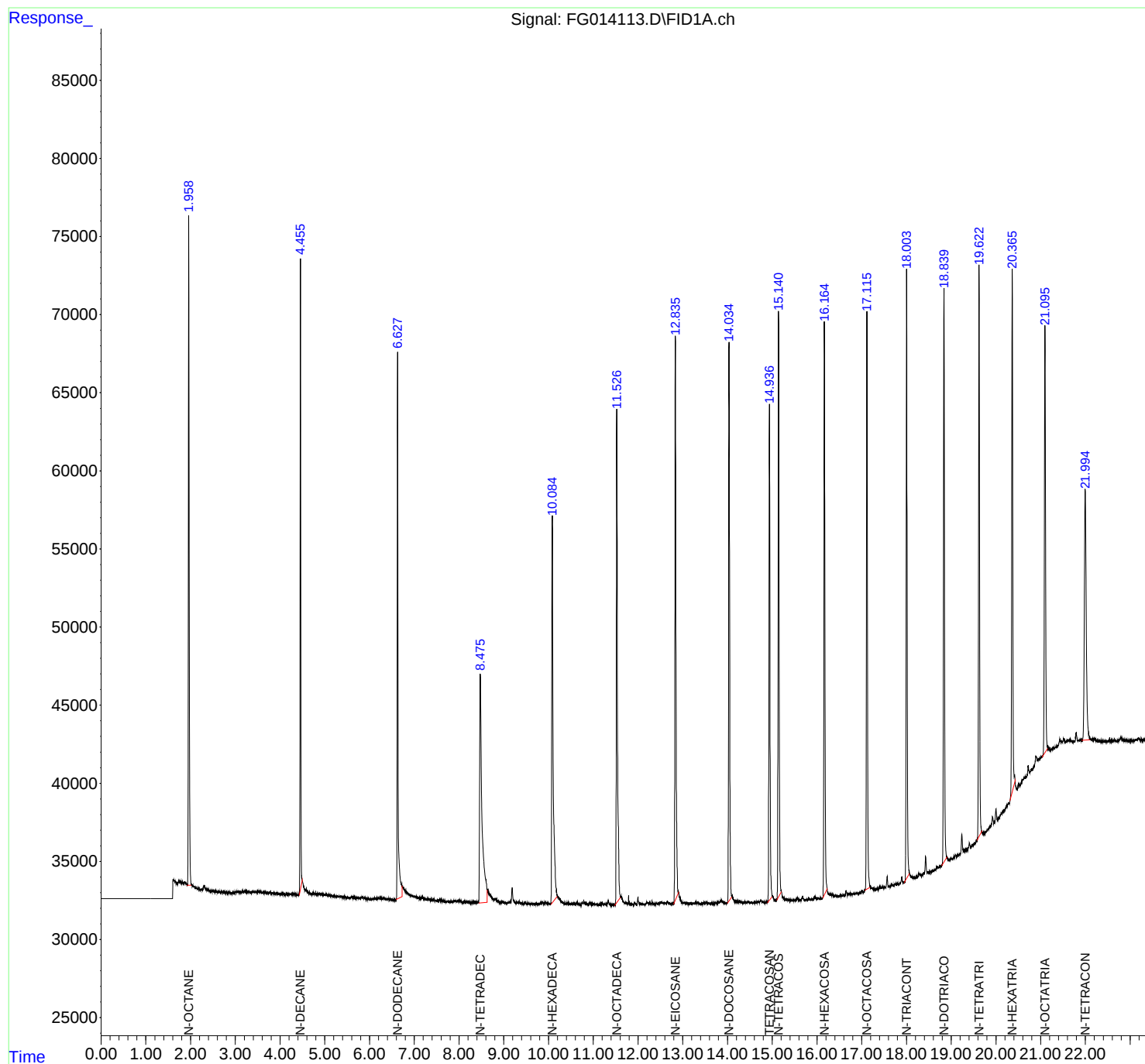
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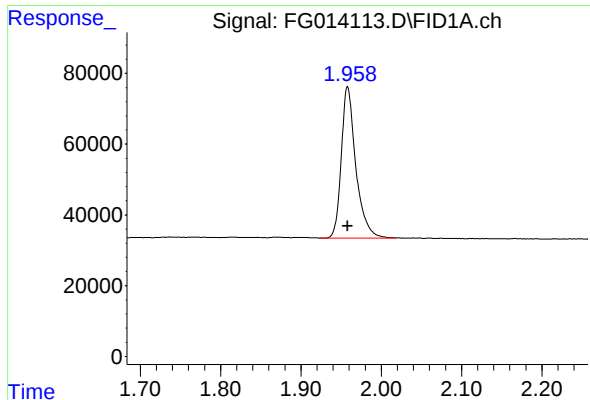
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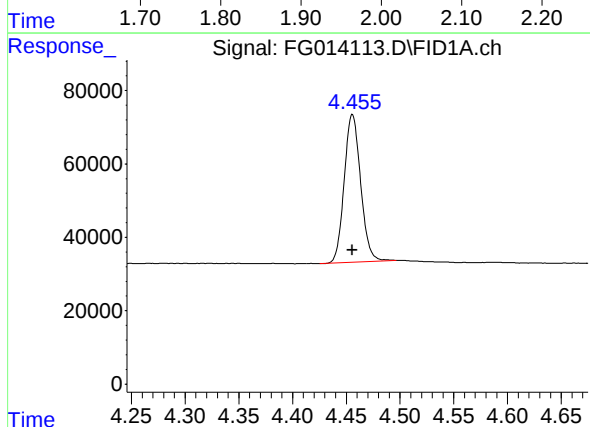
#1 N-OCTANE

R.T.: 1.958 min
Delta R.T.: 0.000 min
Response: 536073
Conc: 4.87 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

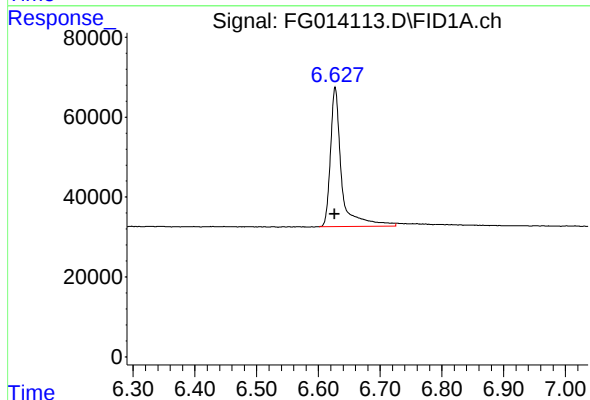
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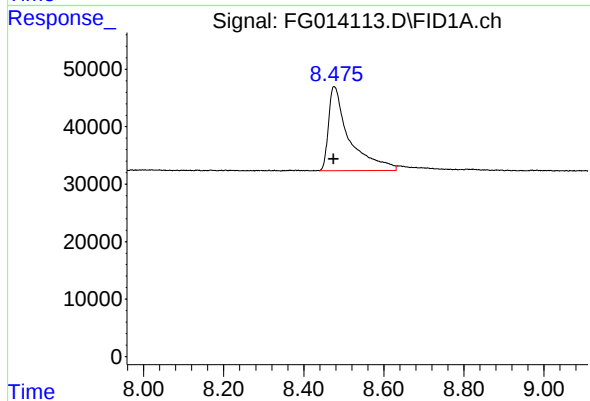
#2 N-DECANE

R.T.: 4.456 min
Delta R.T.: 0.000 min
Response: 427783
Conc: 4.29 ug/ml



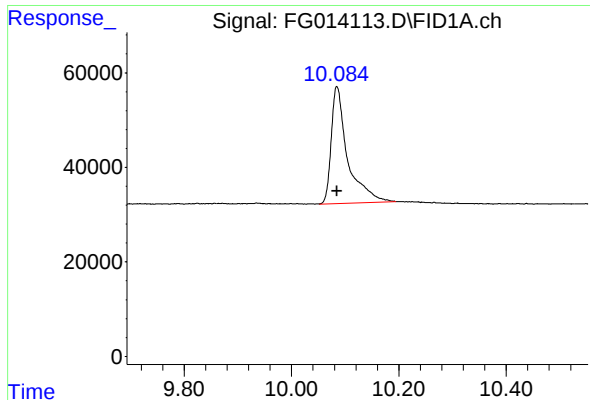
#3 N-DODECANE

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 438902
Conc: 4.29 ug/ml m



#4 N-TETRADECANE

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 528916
Conc: 4.85 ug/ml m



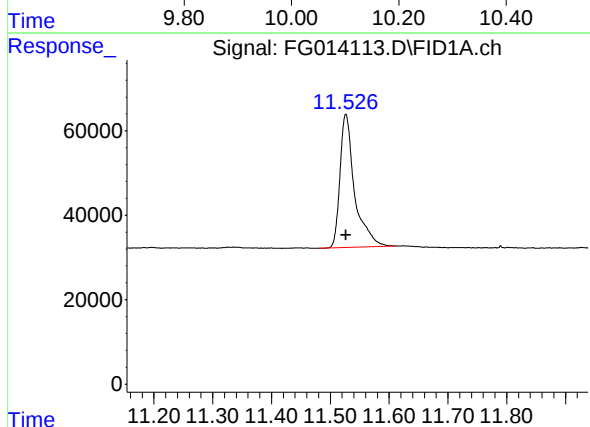
#5 N-HEXADECANE

R.T.: 10.084 min
Delta R.T.: 0.000 min
Response: 523485
Conc: 4.67 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

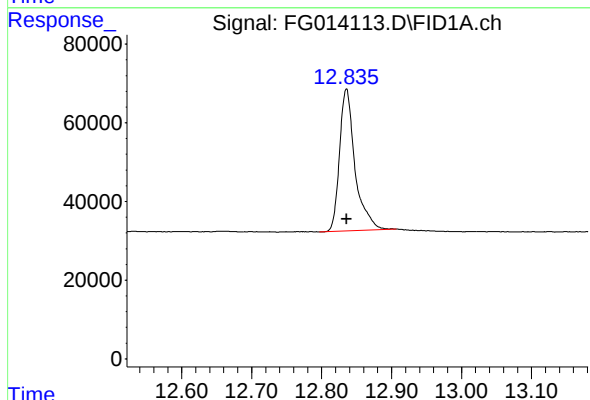
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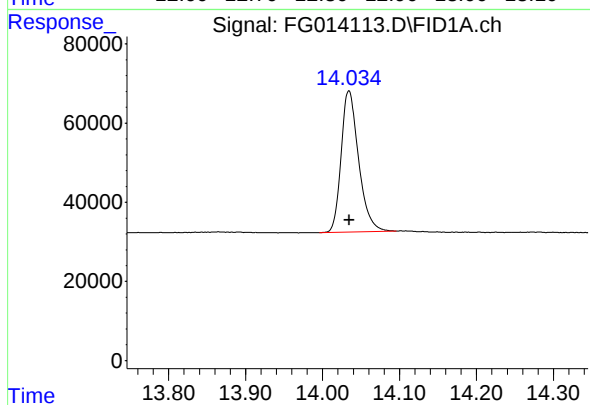
#6 N-OCTADECANE

R.T.: 11.526 min
Delta R.T.: 0.000 min
Response: 545067
Conc: 4.67 ug/ml



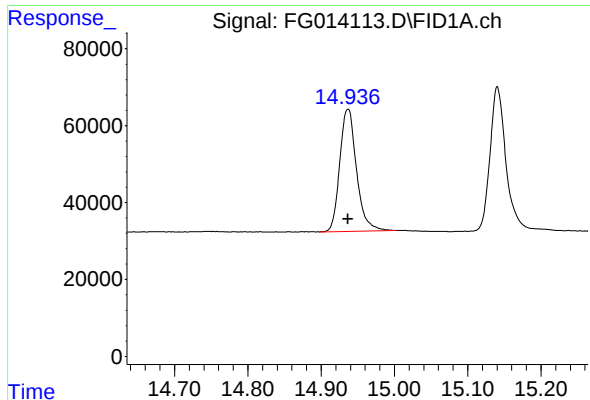
#7 N-EICOSANE

R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 555224
Conc: 4.66 ug/ml



#8 N-DOCOSANE

R.T.: 14.035 min
Delta R.T.: 0.000 min
Response: 556920
Conc: 4.75 ug/ml



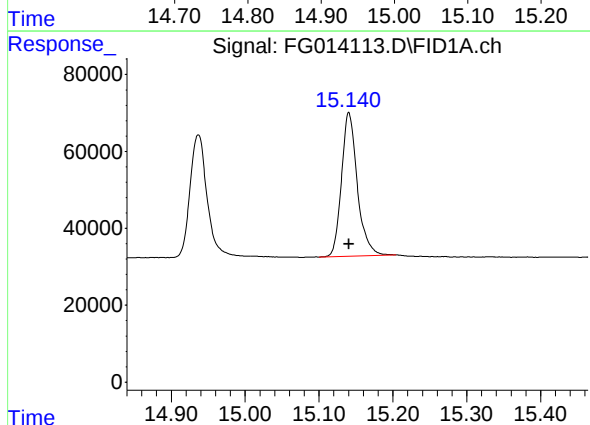
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.937 min
Delta R.T.: 0.000 min
Response: 505210
Conc: 4.78 ug/ml

Instrument :
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ClientSampleId :
5 TRPH STD

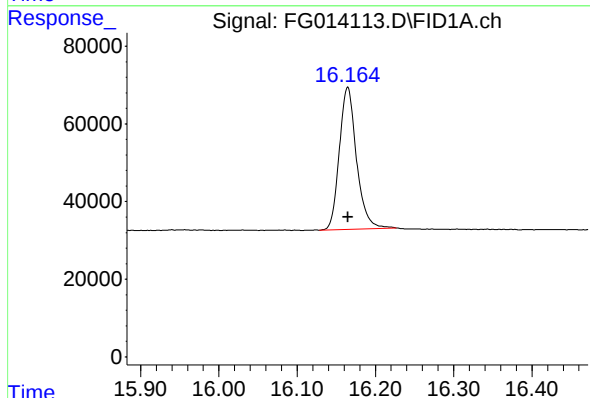
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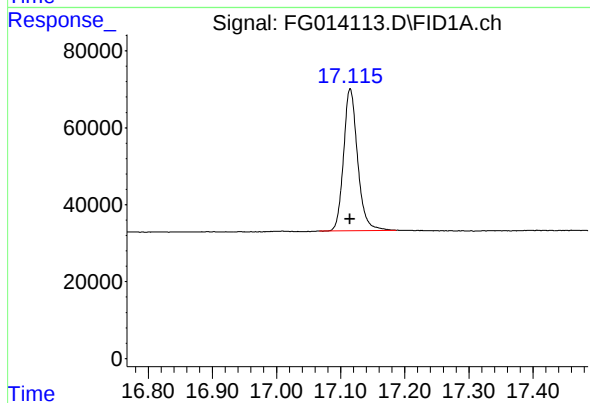
#10 N-TETRACOSANE

R.T.: 15.140 min
Delta R.T.: 0.000 min
Response: 557241
Conc: 4.71 ug/ml



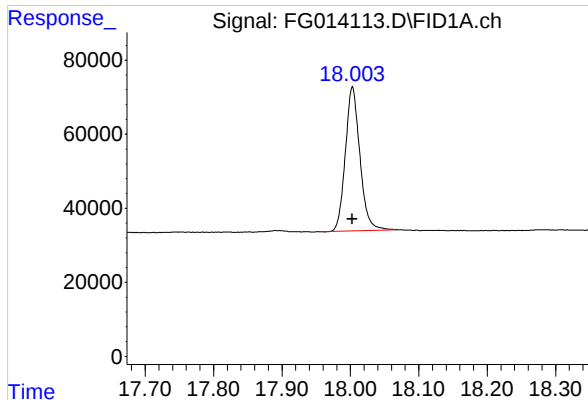
#11 N-HEXACOSANE

R.T.: 16.165 min
Delta R.T.: 0.000 min
Response: 557122
Conc: 4.71 ug/ml



#12 N-OCTACOSANE

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 563053
Conc: 4.78 ug/ml



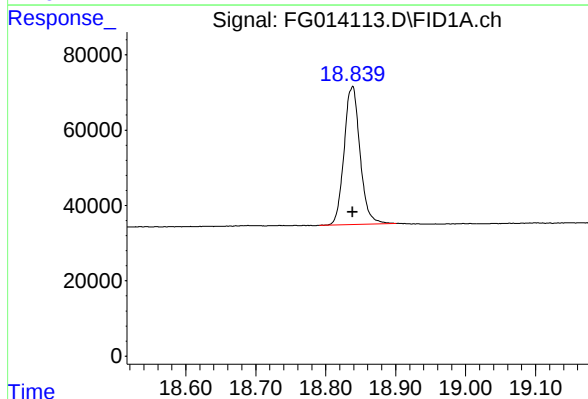
#13 N-TRIACONTANE

R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 573429
Conc: 4.79 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

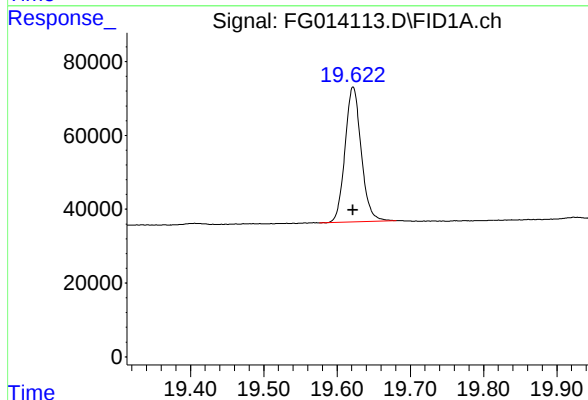
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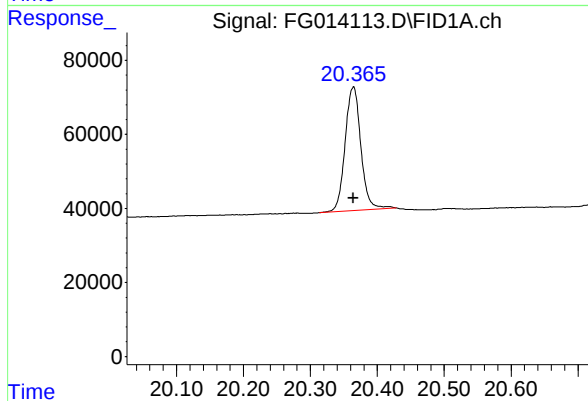
#14 N-DOTRIACONTANE

R.T.: 18.838 min
Delta R.T.: 0.000 min
Response: 578825
Conc: 4.84 ug/ml



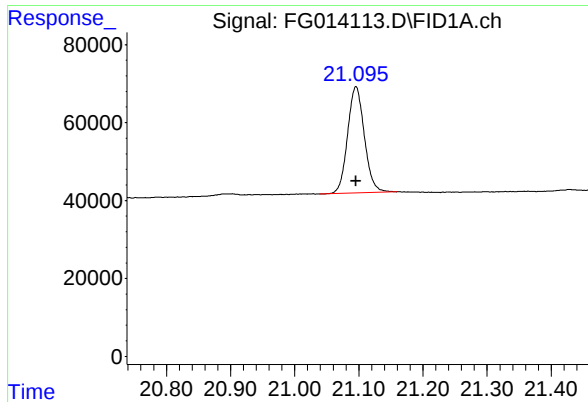
#15 N-TETRATRIACONTANE

R.T.: 19.622 min
Delta R.T.: 0.000 min
Response: 559560
Conc: 4.80 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.364 min
Delta R.T.: 0.000 min
Response: 545017
Conc: 4.72 ug/ml



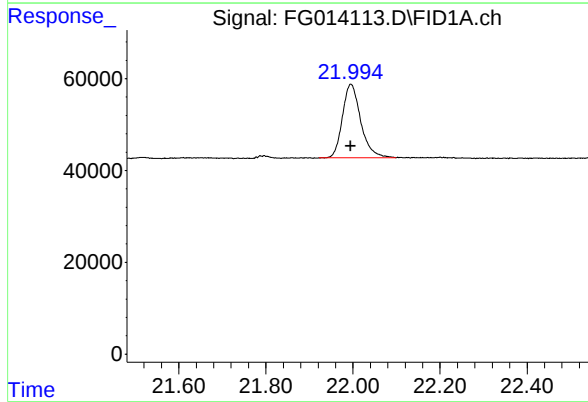
#17 N-OCTATRIACONTANE

R.T.: 21.096 min
Delta R.T.: 0.000 min
Response: 496557
Conc: 4.78 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.995 min
Delta R.T.: 0.000 min
Response: 469264
Conc: 4.80 ug/ml