

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090924\
 Data File : FG014174.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 10:57
 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 09/10/2024
 Supervised By :Ankita Jodhani 09/10/2024

Integration File: autoint1.e
 Quant Time: Sep 10 02:45:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG081624.M
 Quant Title :
 QLast Update : Fri Aug 16 10:59:42 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...	14.938	5050106	47.789 ug/ml
Target Compounds			
1) N-OCTANE	1.953	5229656	47.510 ug/ml
2) N-DECANE	4.455	5619968	56.421 ug/ml
3) N-DODECANE	6.629	5718032	55.674 ug/ml
4) N-TETRADECANE	8.462	5744127	52.594 ug/ml
5) N-HEXADECANE	10.074	5757205	51.379 ug/ml
6) N-OCTADECANE	11.522	5850344	50.174 ug/ml
7) N-EICOSANE	12.835	5884016	49.437 ug/ml
8) N-DOCOSANE	14.036	5699463	48.599 ug/ml
10) N-TETRACOSANE	15.143	5682551	48.079 ug/ml
11) N-HEXACOSANE	16.167	5614350	47.423 ug/ml
12) N-OCTACOSANE	17.119	5566195	47.216 ug/ml
13) N-TRIACONTANE	18.010	5697540	47.583 ug/ml
14) N-DOTRIACONTANE	18.846	5603050	46.888 ug/ml
15) N-TETRATRIACONTANE	19.633	5278839	45.329 ug/ml
16) N-HEXATRIACONTANE	20.372	4839768	41.935 ug/ml
17) N-OCTATRIACONTANE	21.105	4580452	44.108 ug/mlm
18) N-TETRACONTANE	22.001	4461264	45.618 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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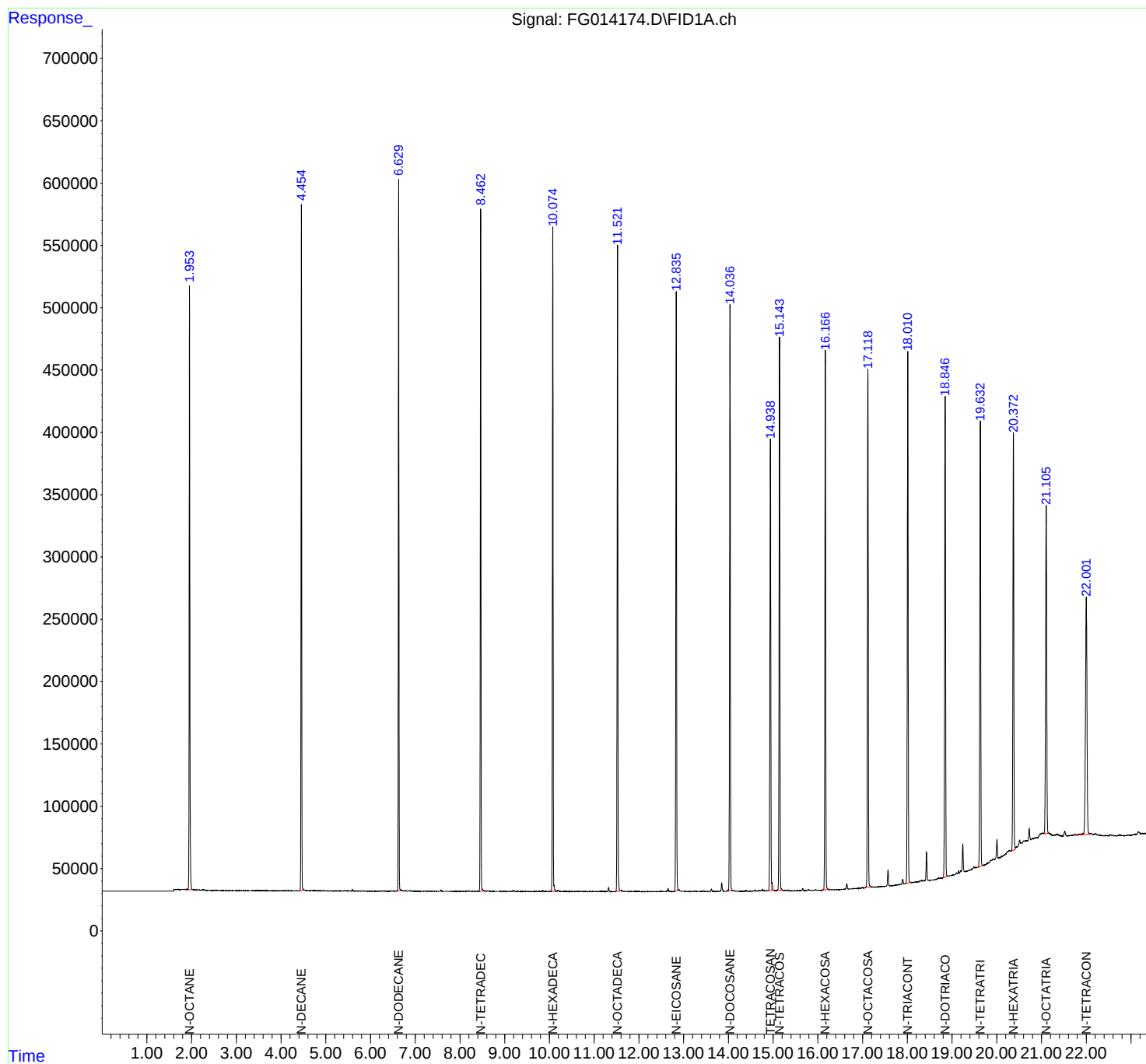
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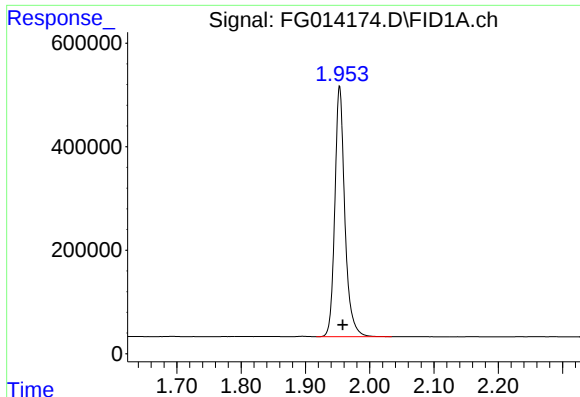
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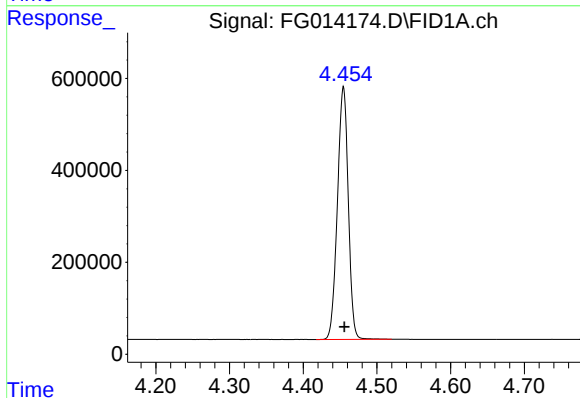
#1 N-OCTANE

R.T.: 1.953 min
Delta R.T.: -0.005 min
Response: 5229656
Conc: 47.51 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

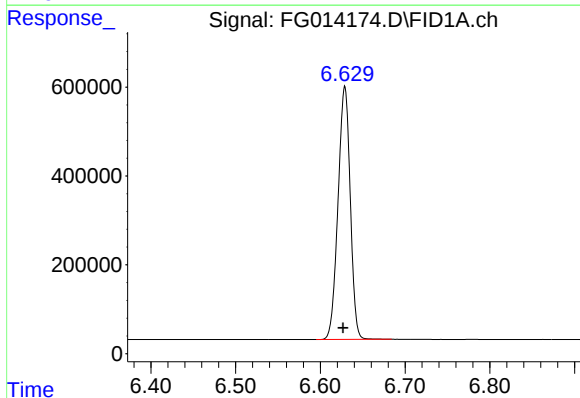
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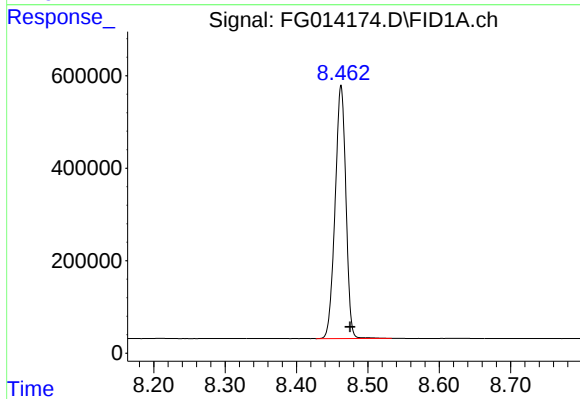
#2 N-DECANE

R.T.: 4.455 min
Delta R.T.: -0.001 min
Response: 5619968
Conc: 56.42 ug/ml



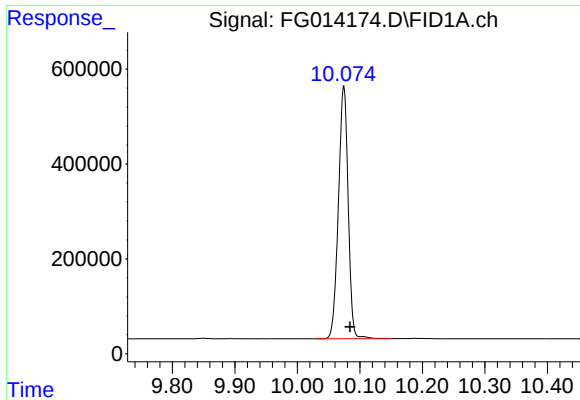
#3 N-DODECANE

R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 5718032
Conc: 55.67 ug/ml



#4 N-TETRADECANE

R.T.: 8.462 min
Delta R.T.: -0.012 min
Response: 5744127
Conc: 52.59 ug/ml



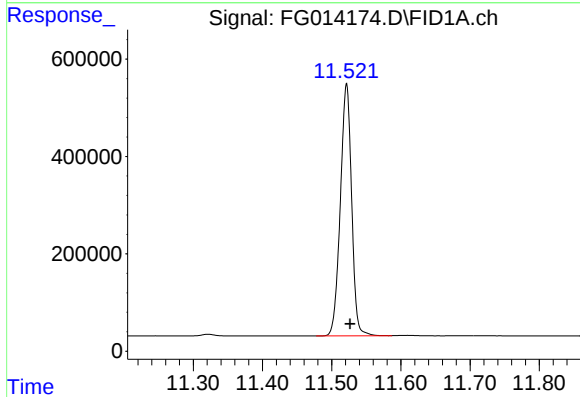
#5 N-HEXADECANE

R.T.: 10.074 min
Delta R.T.: -0.010 min
Response: 5757205
Conc: 51.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

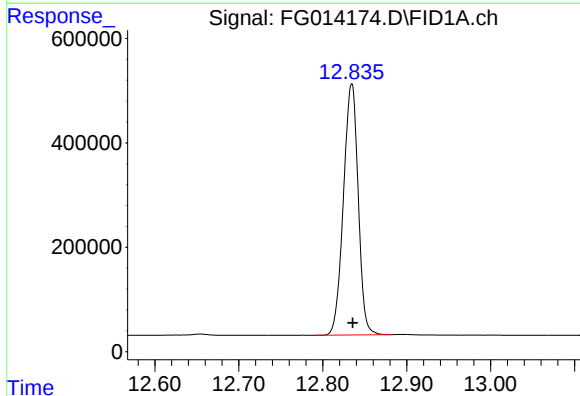
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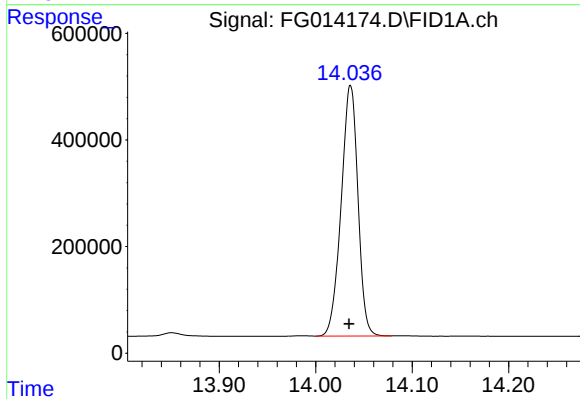
#6 N-OCTADECANE

R.T.: 11.522 min
Delta R.T.: -0.005 min
Response: 5850344
Conc: 50.17 ug/ml



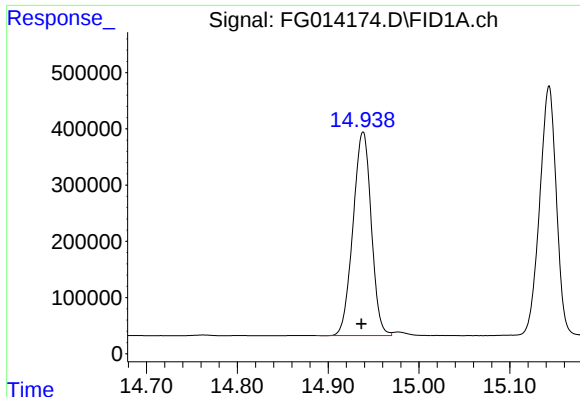
#7 N-EICOSANE

R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 5884016
Conc: 49.44 ug/ml



#8 N-DOCOSANE

R.T.: 14.036 min
Delta R.T.: 0.002 min
Response: 5699463
Conc: 48.60 ug/ml



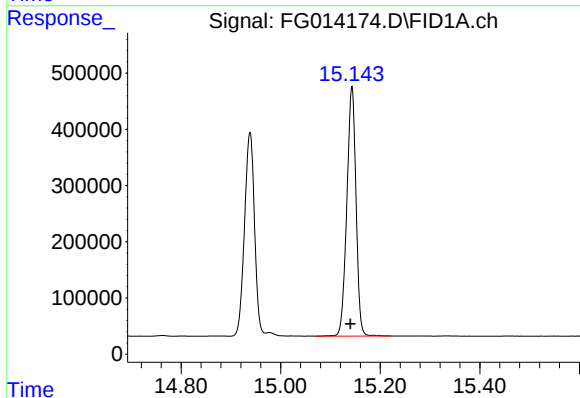
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.938 min
Delta R.T.: 0.002 min
Response: 5050106
Conc: 47.79 ug/ml

Instrument :
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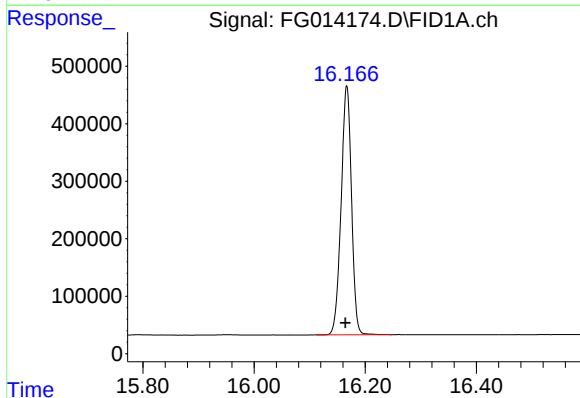
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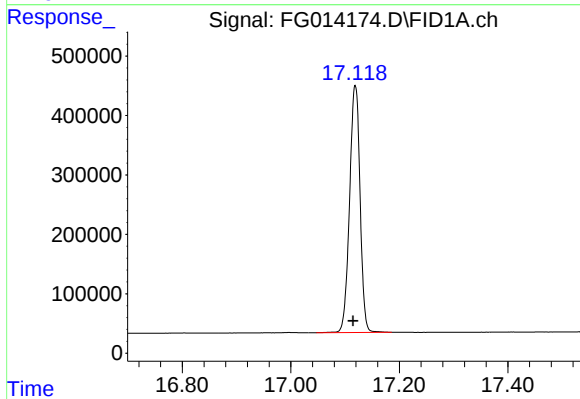
#10 N-TETRACOSANE

R.T.: 15.143 min
Delta R.T.: 0.003 min
Response: 5682551
Conc: 48.08 ug/ml



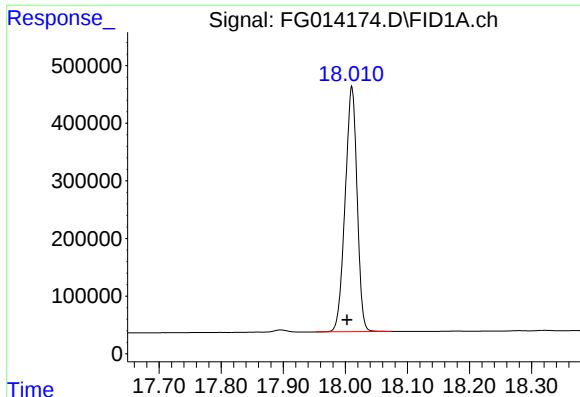
#11 N-HEXACOSANE

R.T.: 16.167 min
Delta R.T.: 0.002 min
Response: 5614350
Conc: 47.42 ug/ml



#12 N-OCTACOSANE

R.T.: 17.119 min
Delta R.T.: 0.004 min
Response: 5566195
Conc: 47.22 ug/ml



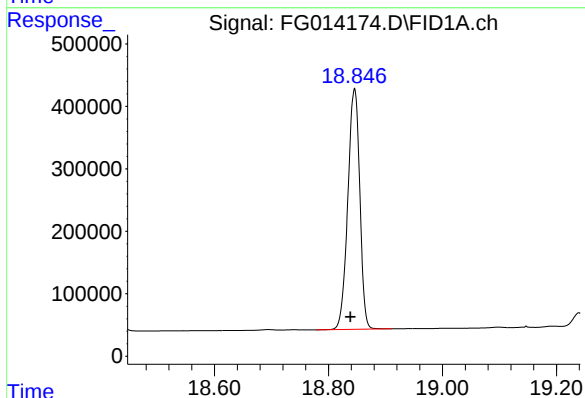
#13 N-TRIACONTANE

R.T.: 18.010 min
Delta R.T.: 0.007 min
Response: 5697540
Conc: 47.58 ug/ml

Instrument :
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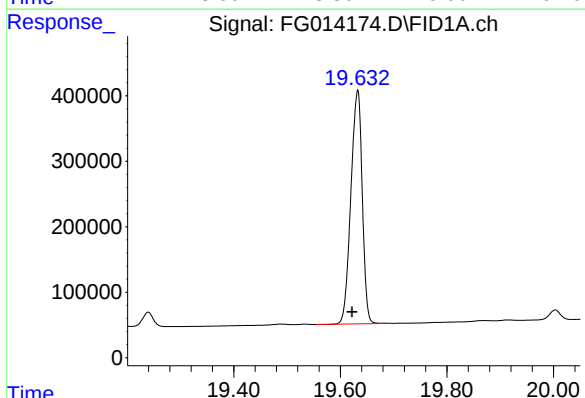
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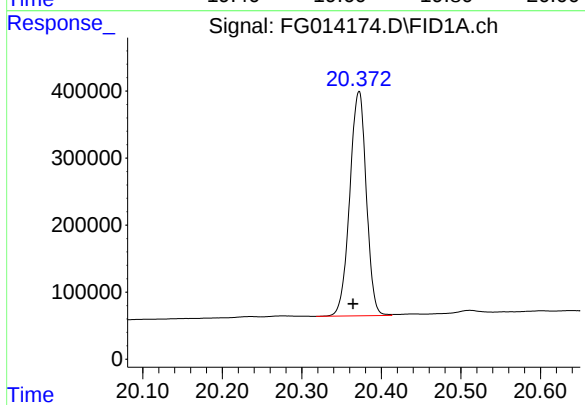
#14 N-DOTRIACONTANE

R.T.: 18.846 min
Delta R.T.: 0.007 min
Response: 5603050
Conc: 46.89 ug/ml



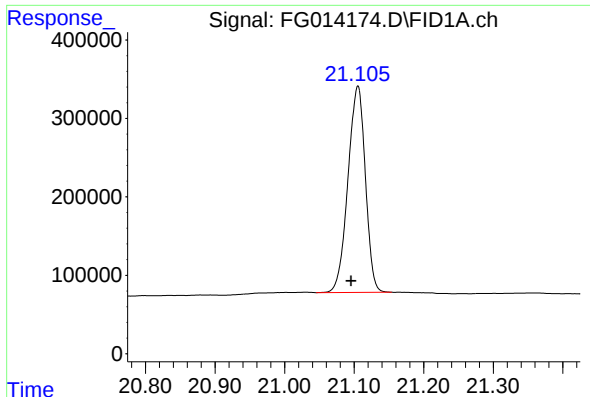
#15 N-TETRATRIACONTANE

R.T.: 19.633 min
Delta R.T.: 0.011 min
Response: 5278839
Conc: 45.33 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.372 min
Delta R.T.: 0.008 min
Response: 4839768
Conc: 41.93 ug/ml



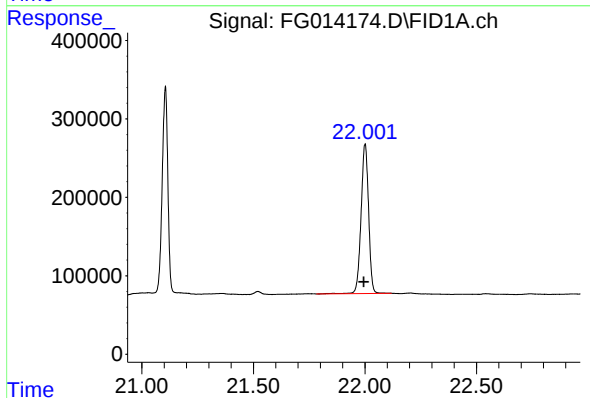
#17 N-OCTATRIACONTANE

R.T.: 21.105 min
Delta R.T.: 0.010 min
Response: 4580452
Conc: 44.11 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.001 min
Delta R.T.: 0.006 min
Response: 4461264
Conc: 45.62 ug/ml