

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060424\
 Data File : FG013868.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2024 15:13
 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 06/05/2024
 Supervised By :Ankita Jodhani 06/05/2024

Integration File: autoint1.e
 Quant Time: Jun 05 03:40:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 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...	14.975	5626601	51.057 ug/ml
Target Compounds			
1) N-OCTANE	1.983	5917060	49.254 ug/ml
2) N-DECANE	4.493	6500697	53.428 ug/ml
3) N-DODECANE	6.666	6630514	53.384 ug/ml
4) N-TETRADECANE	8.498	6669088	52.319 ug/ml
5) N-HEXADECANE	10.110	6688614	52.381 ug/ml
6) N-OCTADECANE	11.557	6733123	52.275 ug/ml
7) N-EICOSANE	12.870	6584274	51.017 ug/ml
8) N-DOCOSANE	14.072	6431137	51.623 ug/ml
10) N-TETRACOSANE	15.180	6393856	51.838 ug/ml
11) N-HEXACOSANE	16.203	6288873	51.780 ug/ml
12) N-OCTACOSANE	17.156	6205980	52.372 ug/mlm
13) N-TRIACONTANE	18.046	6101602	51.951 ug/ml
14) N-DOTRIACONTANE	18.880	5678267	50.514 ug/ml
15) N-TETRATRIACONTANE	19.665	5195015	50.516 ug/ml
16) N-HEXATRIACONTANE	20.407	4595575	51.627 ug/ml
17) N-OCTATRIACONTANE	21.144	4293730	54.546 ug/ml
18) N-TETRACONTANE	22.052	4614417	70.663 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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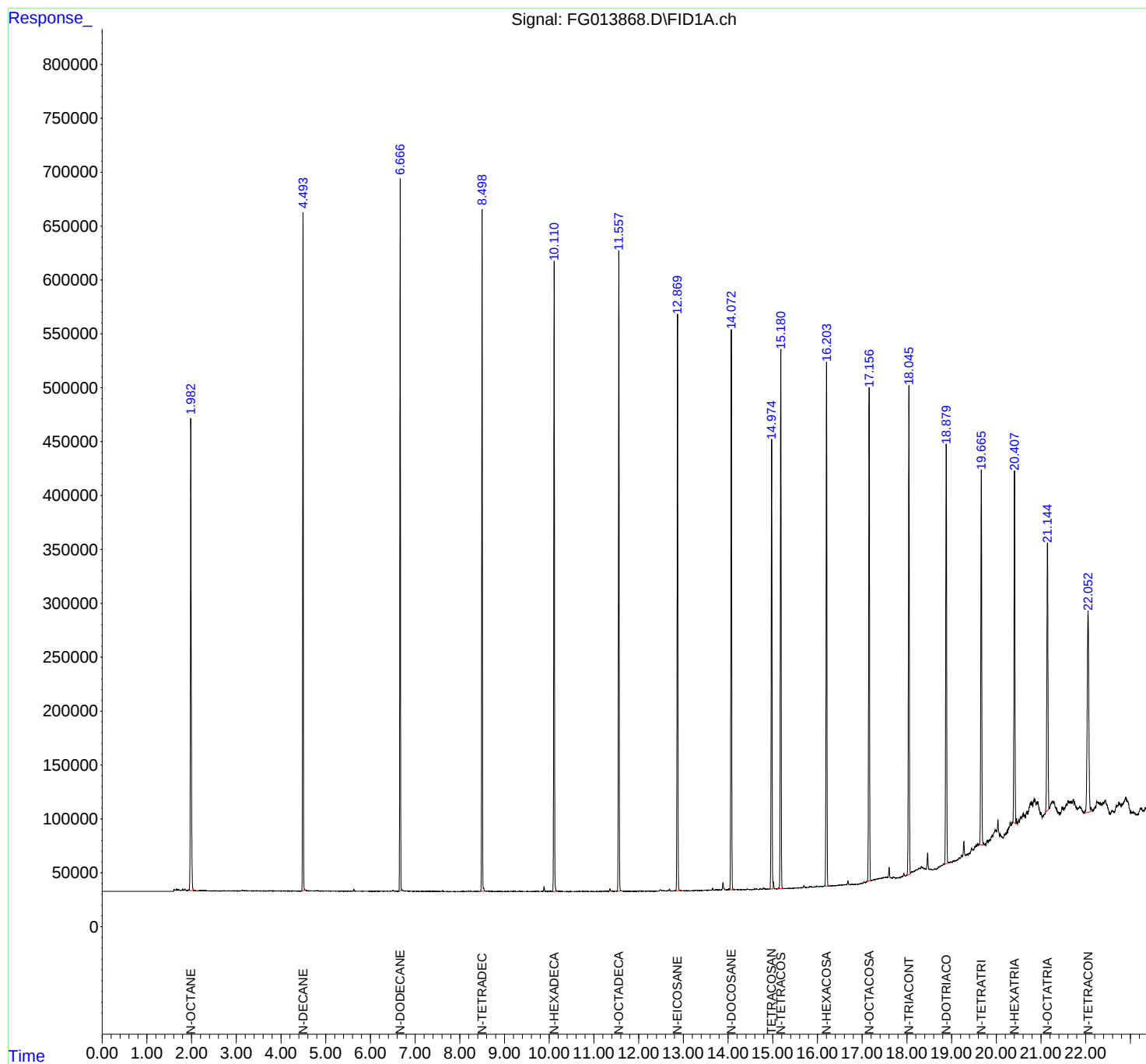
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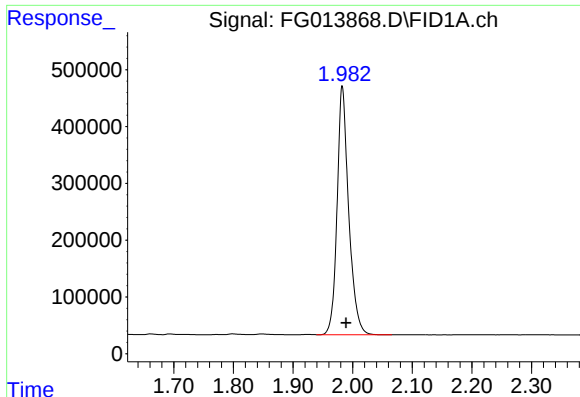
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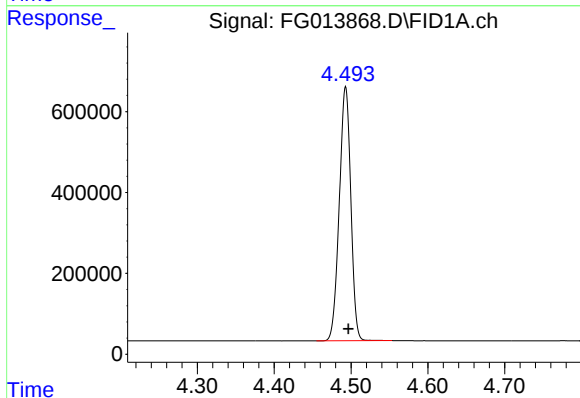
#1 N-OCTANE

R.T.: 1.983 min
Delta R.T.: -0.006 min
Response: 5917060
Conc: 49.25 ug/ml

Instrument :
FID_G
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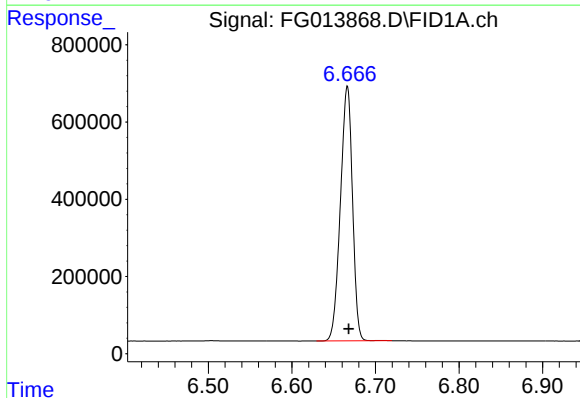
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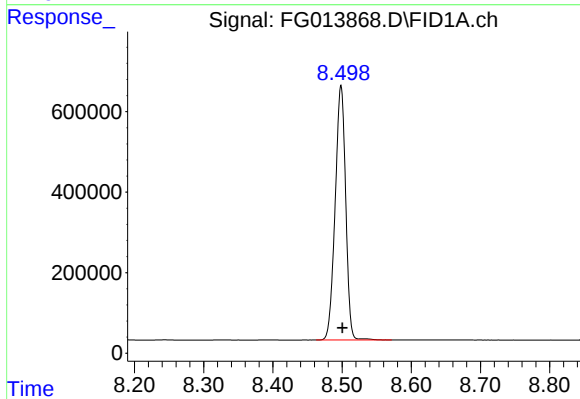
#2 N-DECANE

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 6500697
Conc: 53.43 ug/ml



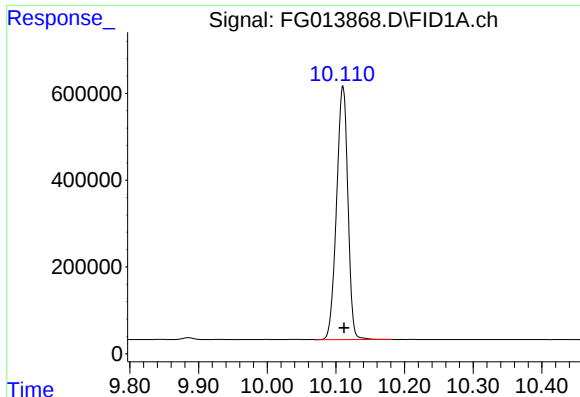
#3 N-DODECANE

R.T.: 6.666 min
Delta R.T.: -0.002 min
Response: 6630514
Conc: 53.38 ug/ml



#4 N-TETRADECANE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 6669088
Conc: 52.32 ug/ml



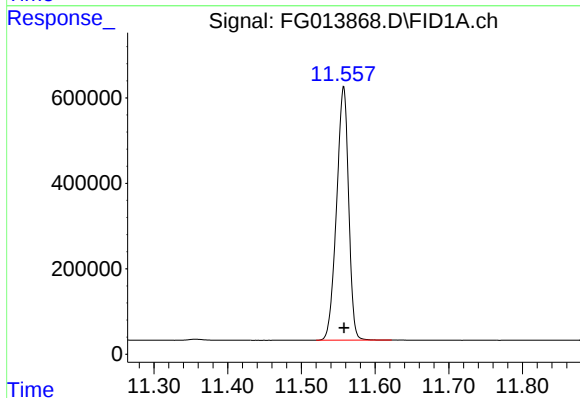
#5 N-HEXADECANE

R.T.: 10.110 min
Delta R.T.: -0.001 min
Response: 6688614
Conc: 52.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

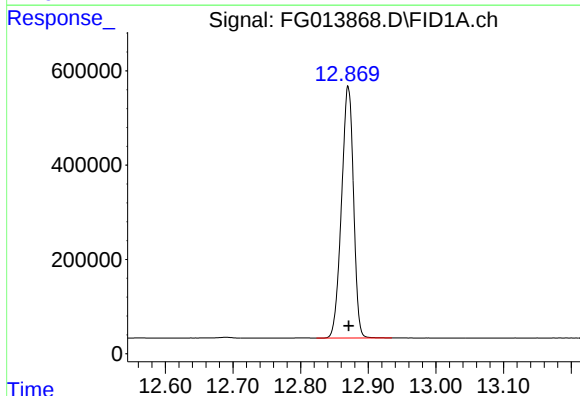
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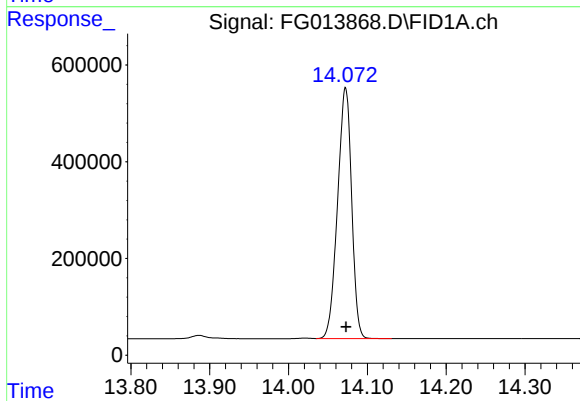
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: 0.000 min
Response: 6733123
Conc: 52.27 ug/ml



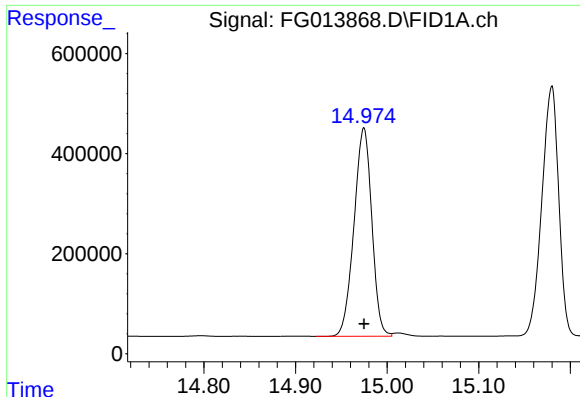
#7 N-EICOSANE

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 6584274
Conc: 51.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 6431137
Conc: 51.62 ug/ml



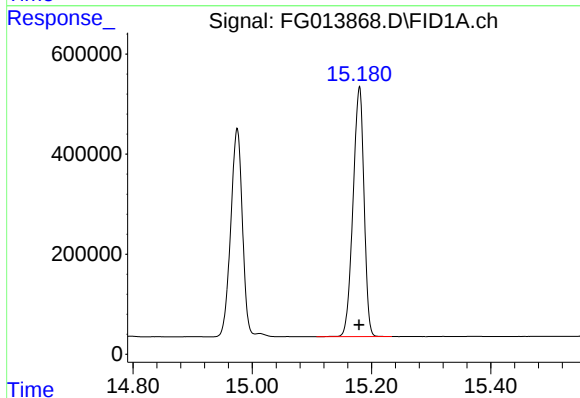
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min
Delta R.T.: 0.000 min
Response: 5626601
Conc: 51.06 ug/ml

Instrument :
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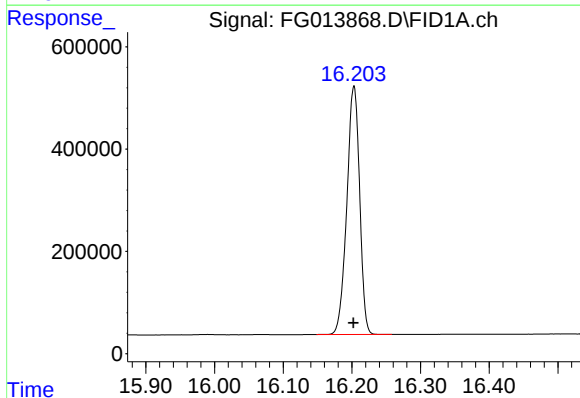
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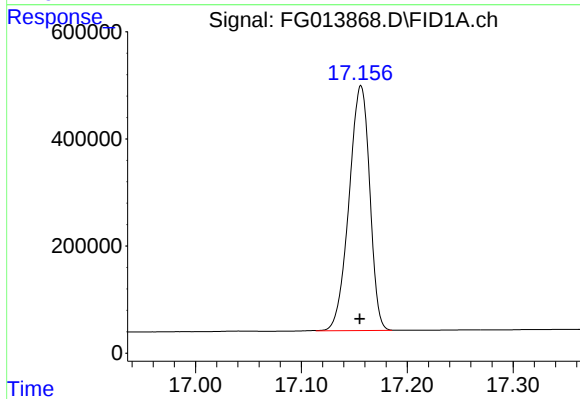
#10 N-TETRACOSANE

R.T.: 15.180 min
Delta R.T.: 0.000 min
Response: 6393856
Conc: 51.84 ug/ml



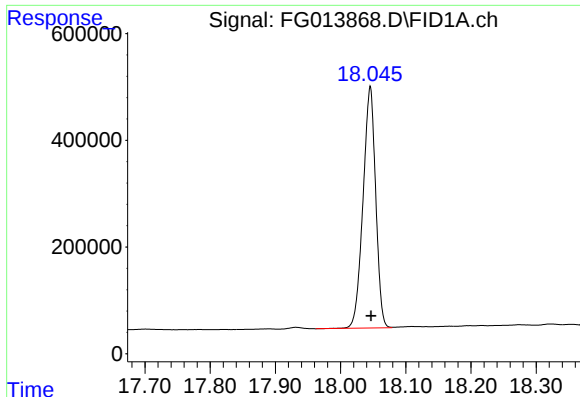
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: 0.000 min
Response: 6288873
Conc: 51.78 ug/ml



#12 N-OCTACOSANE

R.T.: 17.156 min
Delta R.T.: 0.000 min
Response: 6205980
Conc: 52.37 ug/ml m



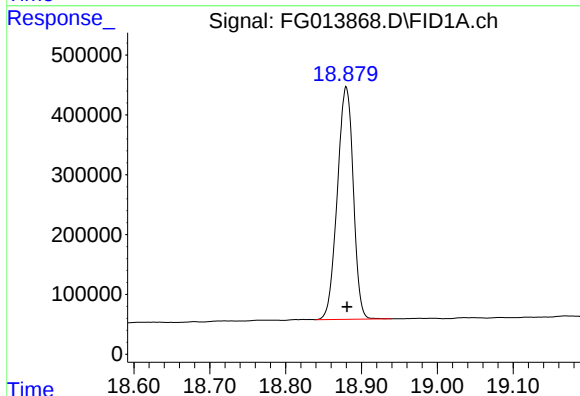
#13 N-TRIACONTANE

R.T.: 18.046 min
Delta R.T.: -0.001 min
Response: 6101602
Conc: 51.95 ug/ml

Instrument :
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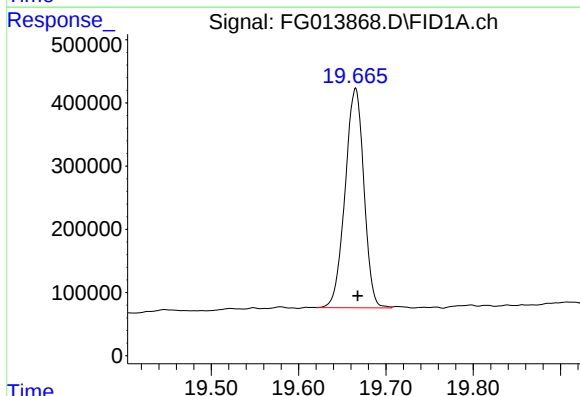
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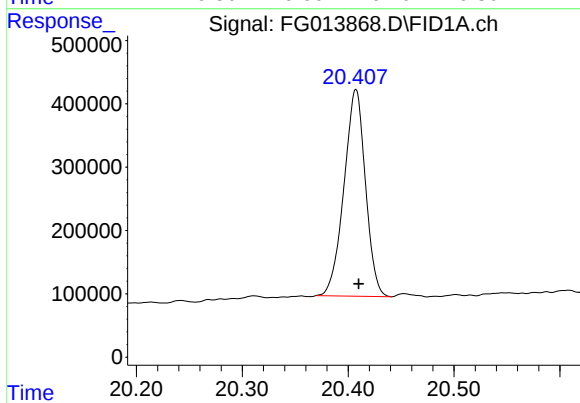
#14 N-DOTRIACONTANE

R.T.: 18.880 min
Delta R.T.: -0.001 min
Response: 5678267
Conc: 50.51 ug/ml



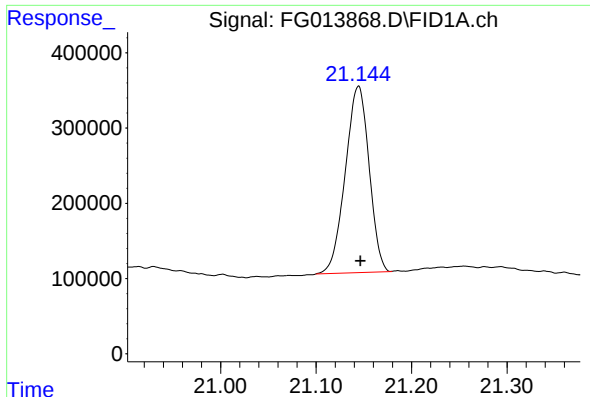
#15 N-TETRATRIACONTANE

R.T.: 19.665 min
Delta R.T.: -0.002 min
Response: 5195015
Conc: 50.52 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.407 min
Delta R.T.: -0.003 min
Response: 4595575
Conc: 51.63 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.144 min
Delta R.T.: -0.002 min
Response: 4293730
Conc: 54.55 ug/ml

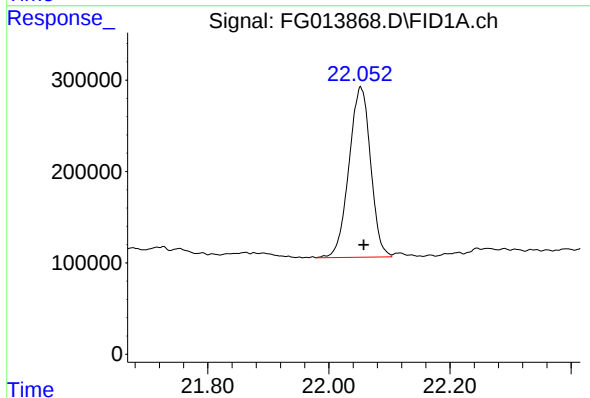
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#18 N-TETRACONTANE

R.T.: 22.052 min
Delta R.T.: -0.005 min
Response: 4614417
Conc: 70.66 ug/ml