

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG110223\  
 Data File : FG013131.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Nov 2023 15:33  
 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 11/03/2023  
 Supervised By :mohammad ahmed 11/03/2023

Integration File: autoint1.e  
 Quant Time: Nov 02 23:08:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG101623.M  
 Quant Title :  
 QLast Update : Mon Oct 16 12:31:23 2023  
 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... | 15.082 | 5589032  | 53.353 ug/ml  |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 2.071  | 5551478  | 48.817 ug/ml  |
| 2) N-DECANE                   | 4.594  | 6015953  | 52.325 ug/ml  |
| 3) N-DODECANE                 | 6.769  | 6084661  | 52.677 ug/ml  |
| 4) N-TETRADECANE              | 8.603  | 6065793  | 53.197 ug/ml  |
| 5) N-HEXADECANE               | 10.216 | 6166045  | 53.102 ug/ml  |
| 6) N-OCTADECANE               | 11.665 | 6170332  | 53.139 ug/ml  |
| 7) N-EICOSANE                 | 12.978 | 6128241  | 53.239 ug/ml  |
| 8) N-DOCOSANE                 | 14.180 | 5929187  | 53.584 ug/ml  |
| 10) N-TETRACOSANE             | 15.287 | 5936506  | 54.031 ug/ml  |
| 11) N-HEXACOSANE              | 16.311 | 5823730  | 54.116 ug/ml  |
| 12) N-OCTACOSANE              | 17.262 | 5811691  | 54.506 ug/ml  |
| 13) N-TRIACONTANE             | 18.150 | 5879931  | 54.900 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.985 | 5749335  | 54.928 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.768 | 4966512  | 54.565 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.505 | 4033975  | 54.846 ug/mlm |
| 17) N-OCTATRIACONTANE         | 21.262 | 3788323  | 53.525 ug/ml  |
| 18) N-TETRACONTANE            | 22.210 | 3759783  | 51.868 ug/mlm |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

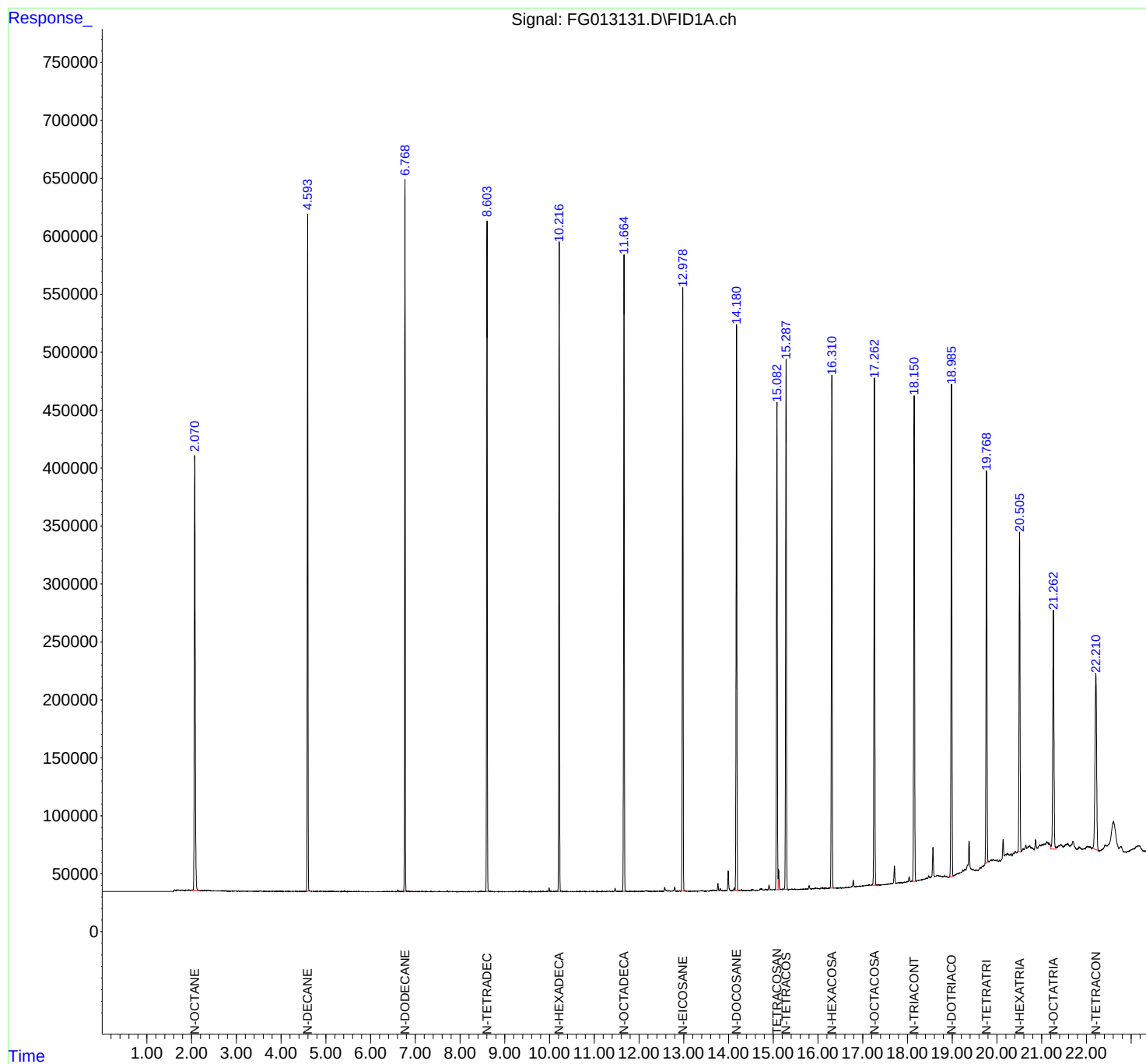
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

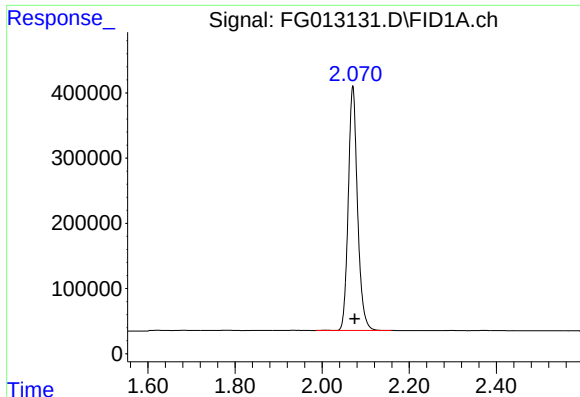
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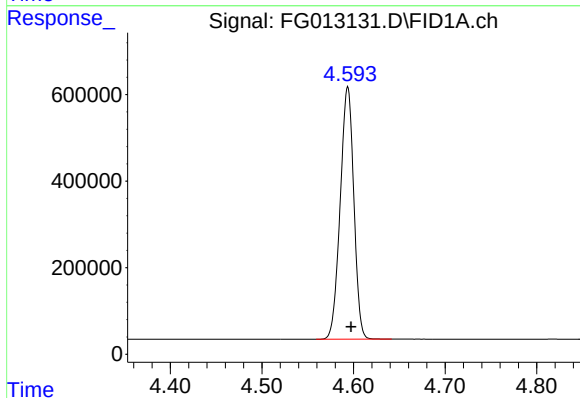
#1 N-OCTANE

R.T.: 2.071 min  
Delta R.T.: -0.004 min  
Response: 5551478  
Conc: 48.82 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

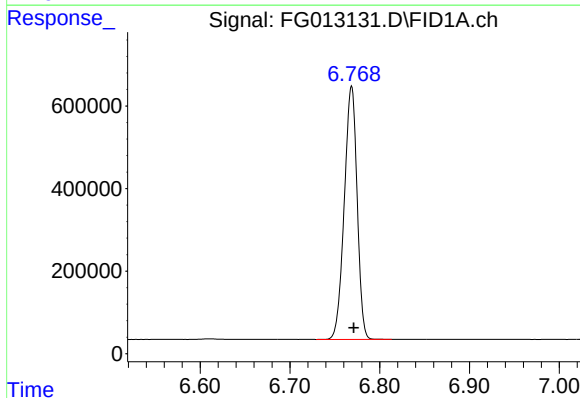
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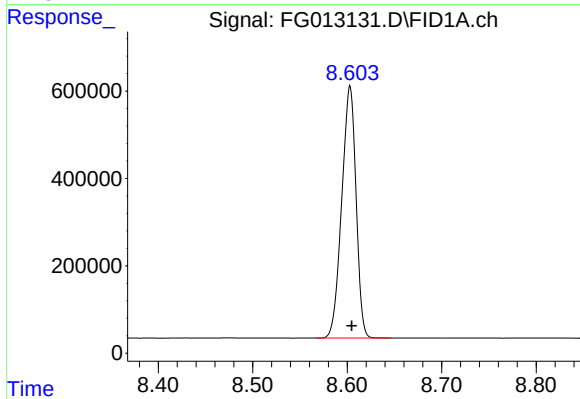
#2 N-DECANE

R.T.: 4.594 min  
Delta R.T.: -0.003 min  
Response: 6015953  
Conc: 52.32 ug/ml



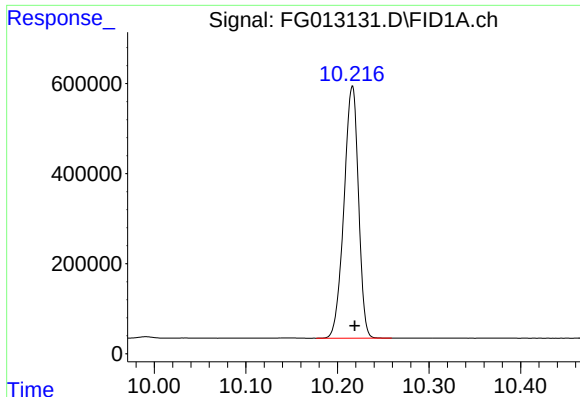
#3 N-DODECANE

R.T.: 6.769 min  
Delta R.T.: -0.002 min  
Response: 6084661  
Conc: 52.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.603 min  
Delta R.T.: -0.002 min  
Response: 6065793  
Conc: 53.20 ug/ml



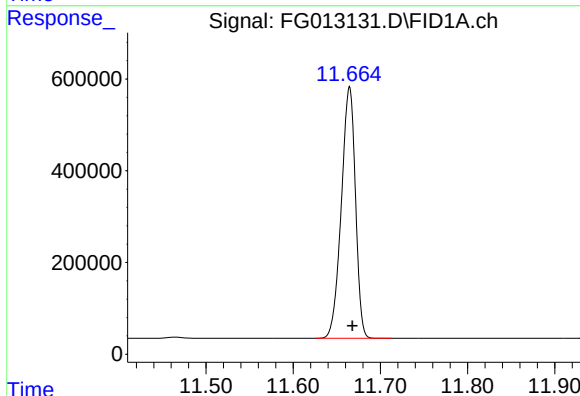
#5 N-HEXADECANE

R.T.: 10.216 min  
Delta R.T.: -0.003 min  
Response: 6166045  
Conc: 53.10 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

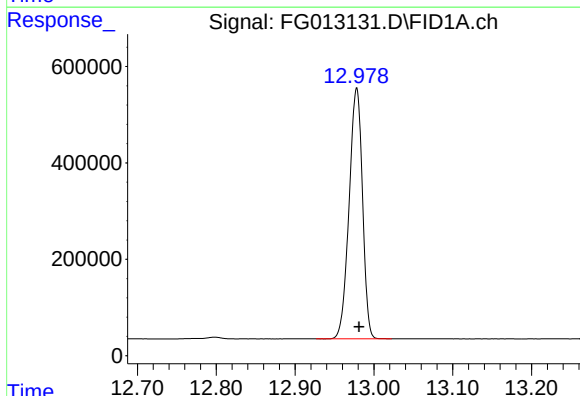
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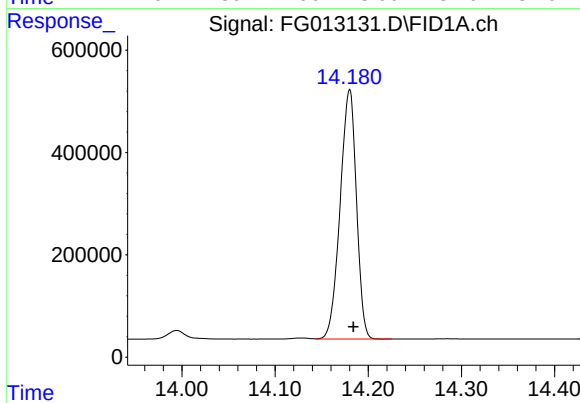
#6 N-OCTADECANE

R.T.: 11.665 min  
Delta R.T.: -0.003 min  
Response: 6170332  
Conc: 53.14 ug/ml



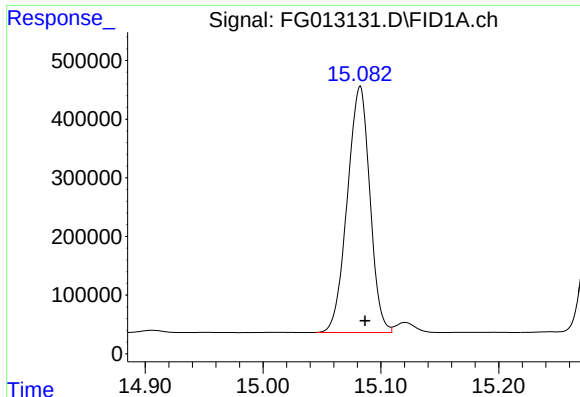
#7 N-EICOSANE

R.T.: 12.978 min  
Delta R.T.: -0.003 min  
Response: 6128241  
Conc: 53.24 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min  
Delta R.T.: -0.004 min  
Response: 5929187  
Conc: 53.58 ug/ml



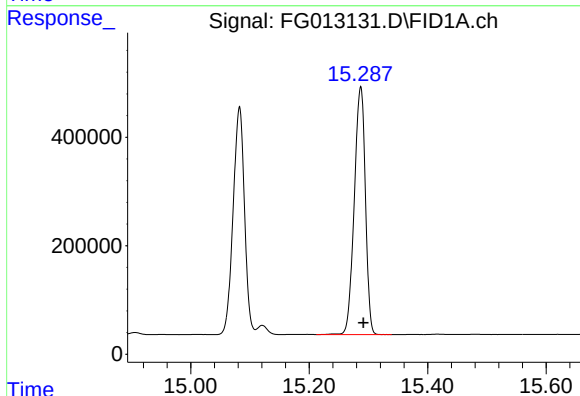
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.082 min  
Delta R.T.: -0.004 min  
Response: 5589032  
Conc: 53.35 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

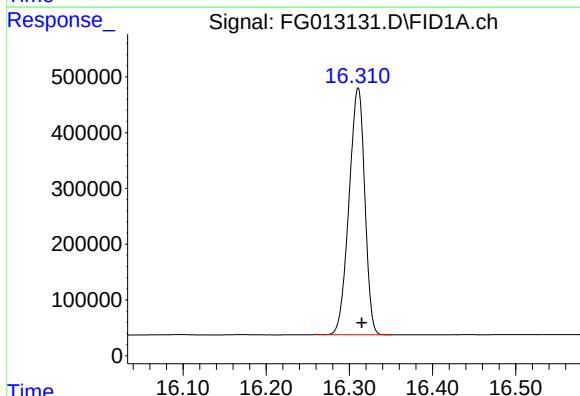
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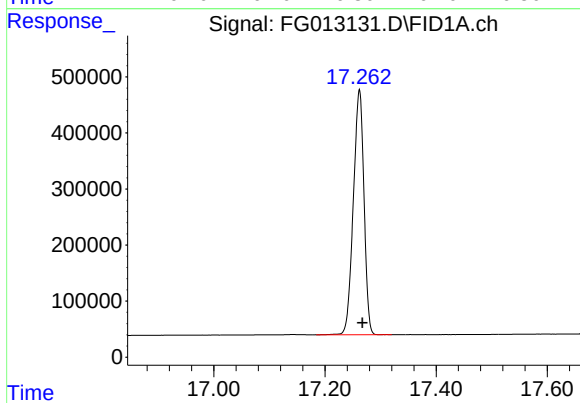
#10 N-TETRACOSANE

R.T.: 15.287 min  
Delta R.T.: -0.005 min  
Response: 5936506  
Conc: 54.03 ug/ml



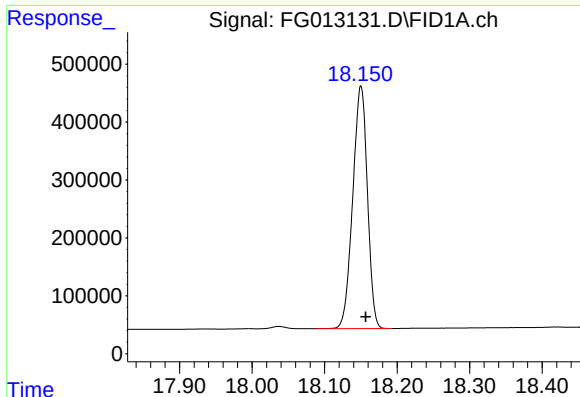
#11 N-HEXACOSANE

R.T.: 16.311 min  
Delta R.T.: -0.004 min  
Response: 5823730  
Conc: 54.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.262 min  
Delta R.T.: -0.005 min  
Response: 5811691  
Conc: 54.51 ug/ml



#13 N-TRIACONTANE

R.T.: 18.150 min  
Delta R.T.: -0.007 min  
Response: 5879931  
Conc: 54.90 ug/ml

Instrument :

FID\_G

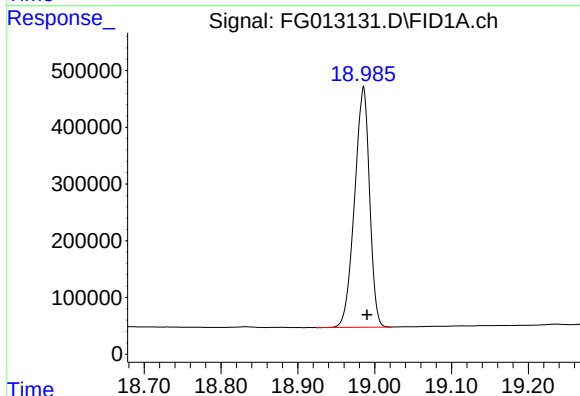
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

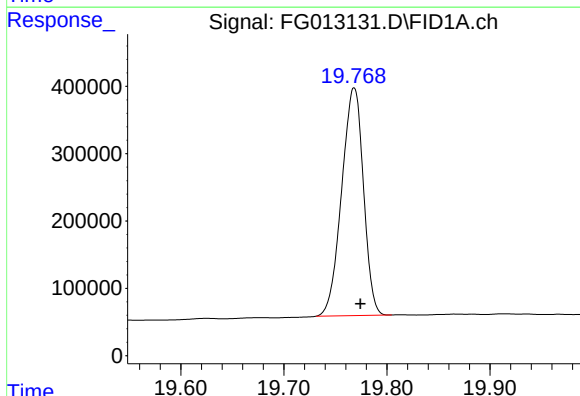
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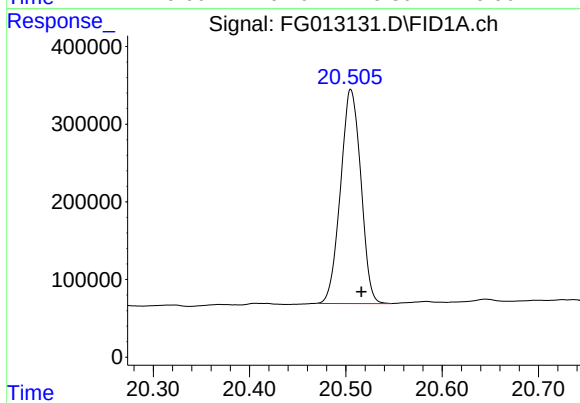
#14 N-DOTRIACONTANE

R.T.: 18.985 min  
Delta R.T.: -0.005 min  
Response: 5749335  
Conc: 54.93 ug/ml



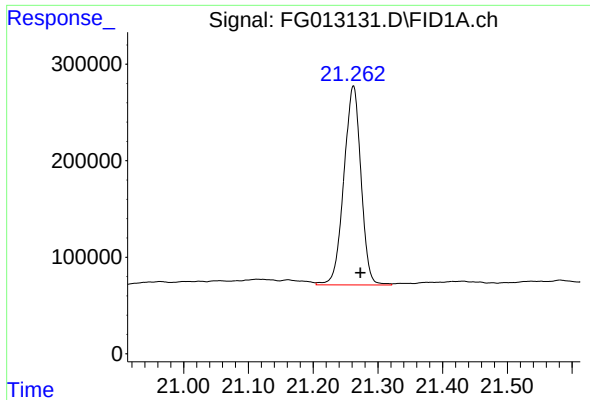
#15 N-TETRATRIACONTANE

R.T.: 19.768 min  
Delta R.T.: -0.006 min  
Response: 4966512  
Conc: 54.57 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.505 min  
Delta R.T.: -0.012 min  
Response: 4033975  
Conc: 54.85 ug/ml m



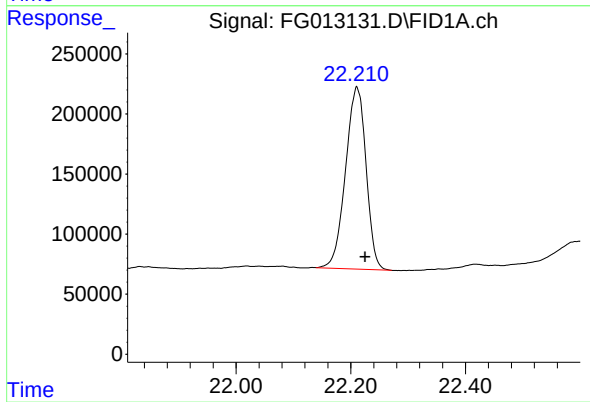
#17 N-OCTATRIACONTANE

R.T.: 21.262 min  
Delta R.T.: -0.011 min  
Response: 3788323  
Conc: 53.52 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
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#18 N-TETRACONTANE

R.T.: 22.210 min  
Delta R.T.: -0.015 min  
Response: 3759783  
Conc: 51.87 ug/ml m