

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG062722\  
 Data File : FG009983.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Jun 2022 15:49  
 Operator : AJ\MA  
 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 06/28/2022  
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e  
 Quant Time: Jun 28 01:23:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG060122.M  
 Quant Title :  
 QLast Update : Wed Jun 01 13:06:30 2022  
 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... | 14.822 | 5693108  | 54.088 ug/mlm |
| Target Compounds              |        |          |               |
| 1) N-OCTANE                   | 1.833  | 5463766  | 43.602 ug/ml  |
| 2) N-DECANE                   | 4.344  | 6144655  | 48.656 ug/ml  |
| 3) N-DODECANE                 | 6.524  | 6239677  | 49.460 ug/ml  |
| 4) N-TETRADECANE              | 8.355  | 6381624  | 50.224 ug/ml  |
| 5) N-HEXADECANE               | 9.963  | 6477310  | 51.355 ug/ml  |
| 6) N-OCTADECANE               | 11.409 | 6581500  | 52.146 ug/ml  |
| 7) N-EICOSANE                 | 12.720 | 6519939  | 53.310 ug/ml  |
| 8) N-DOCOSANE                 | 13.920 | 6476845  | 53.713 ug/ml  |
| 10) N-TETRACOSANE             | 15.027 | 6378093  | 54.420 ug/ml  |
| 11) N-HEXACOSANE              | 16.050 | 6218287  | 54.812 ug/ml  |
| 12) N-OCTACOSANE              | 17.001 | 6064115  | 52.993 ug/ml  |
| 13) N-TRIACONTANE             | 17.891 | 5964568  | 55.392 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.724 | 5605621  | 53.256 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.510 | 5031527  | 52.403 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.252 | 4268292  | 52.814 ug/mlm |
| 17) N-OCTATRIACONTANE         | 20.968 | 3845721  | 53.551 ug/ml  |
| 18) N-TETRACONTANE            | 21.822 | 4066271  | 57.906 ug/ml  |
| -----                         |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

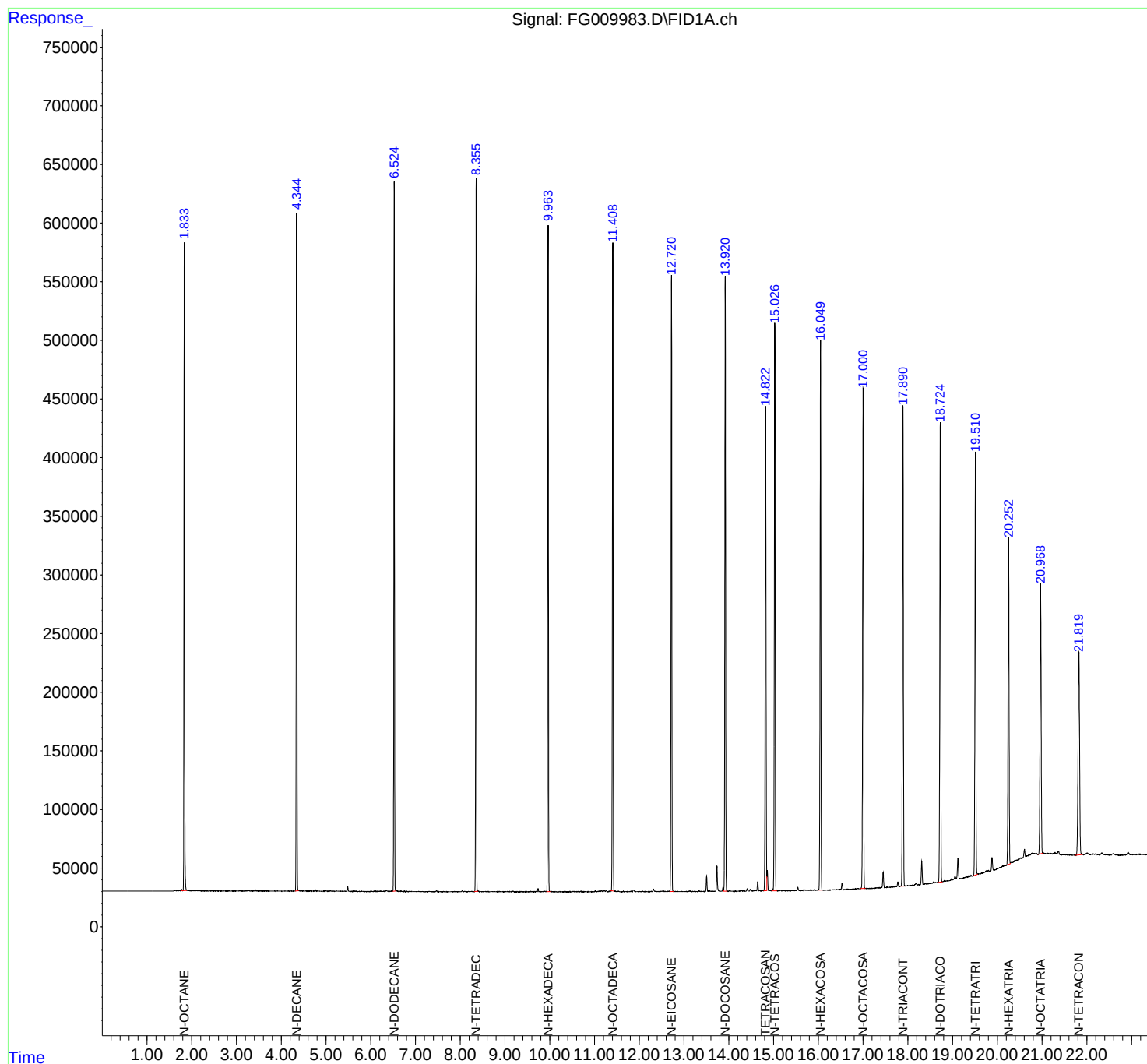
Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

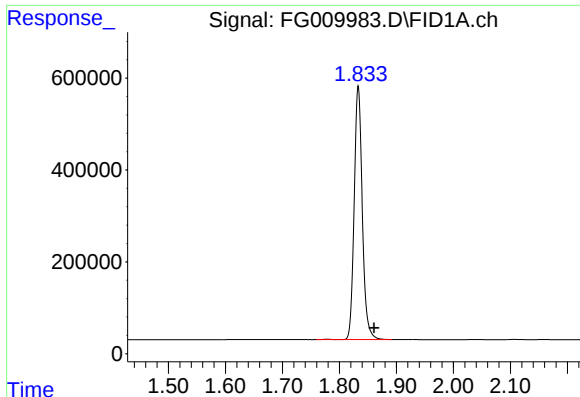
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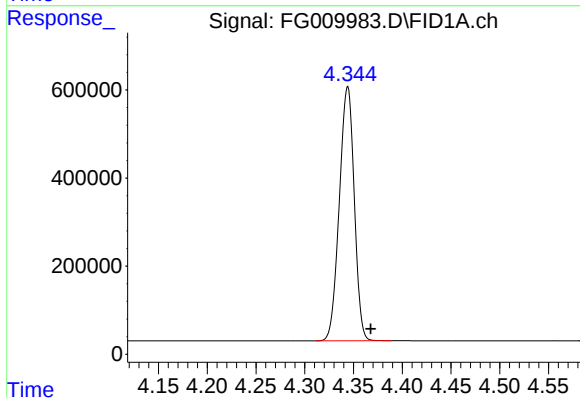
#1 N-OCTANE

R.T.: 1.833 min  
Delta R.T.: -0.028 min  
Response: 5463766  
Conc: 43.60 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

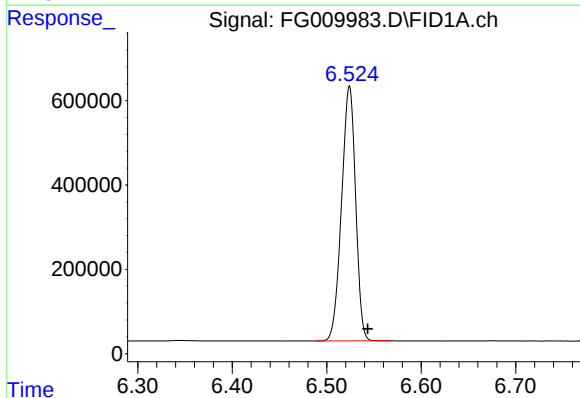
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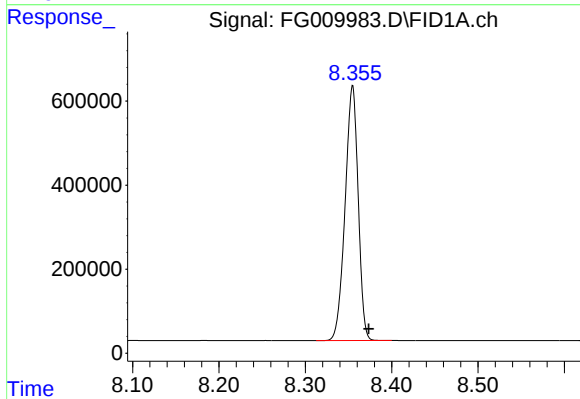
#2 N-DECANE

R.T.: 4.344 min  
Delta R.T.: -0.024 min  
Response: 6144655  
Conc: 48.66 ug/ml



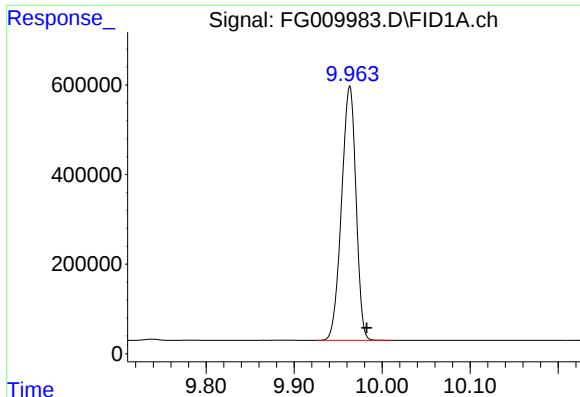
#3 N-DODECANE

R.T.: 6.524 min  
Delta R.T.: -0.019 min  
Response: 6239677  
Conc: 49.46 ug/ml



#4 N-TETRADECANE

R.T.: 8.355 min  
Delta R.T.: -0.019 min  
Response: 6381624  
Conc: 50.22 ug/ml



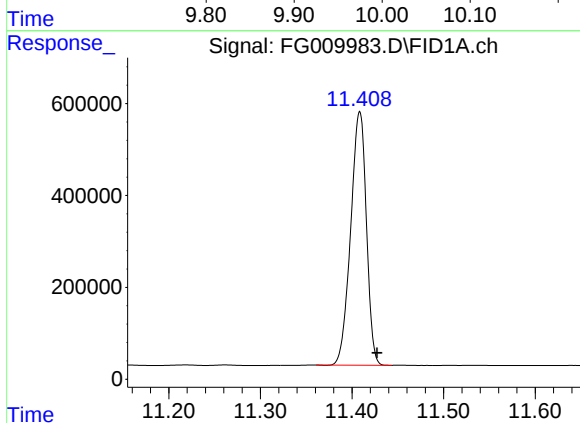
#5 N-HEXADECANE

R.T.: 9.963 min  
Delta R.T.: -0.019 min  
Response: 6477310  
Conc: 51.35 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

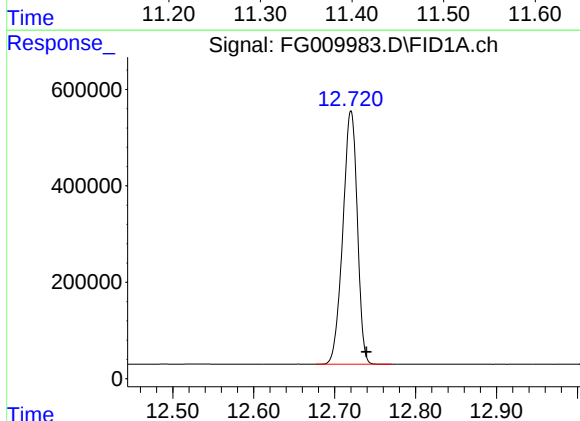
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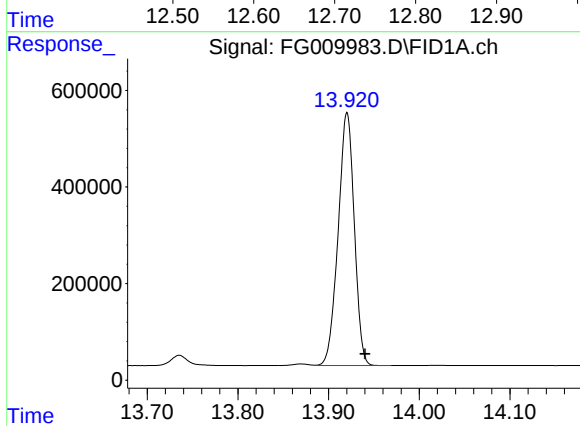
#6 N-OCTADECANE

R.T.: 11.409 min  
Delta R.T.: -0.019 min  
Response: 6581500  
Conc: 52.15 ug/ml



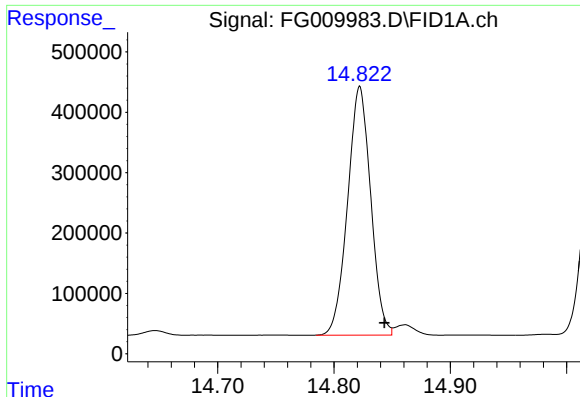
#7 N-EICOSANE

R.T.: 12.720 min  
Delta R.T.: -0.019 min  
Response: 6519939  
Conc: 53.31 ug/ml



#8 N-DOCOSANE

R.T.: 13.920 min  
Delta R.T.: -0.020 min  
Response: 6476845  
Conc: 53.71 ug/ml



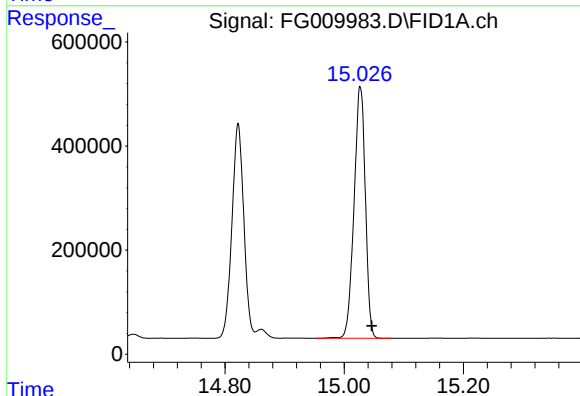
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.822 min  
Delta R.T.: -0.021 min  
Response: 5693108  
Conc: 54.09 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

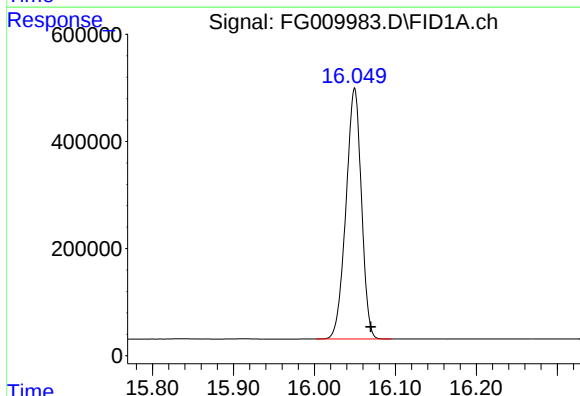
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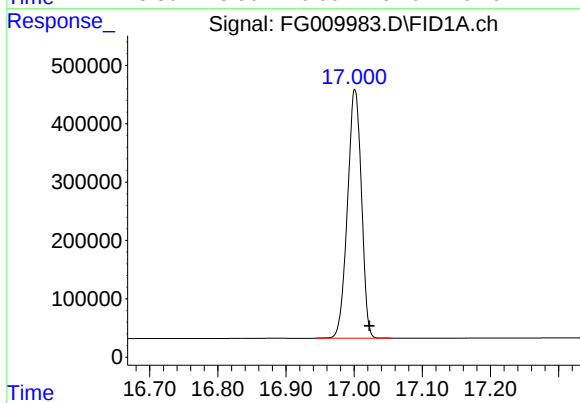
#10 N-TETRACOSANE

R.T.: 15.027 min  
Delta R.T.: -0.019 min  
Response: 6378093  
Conc: 54.42 ug/ml



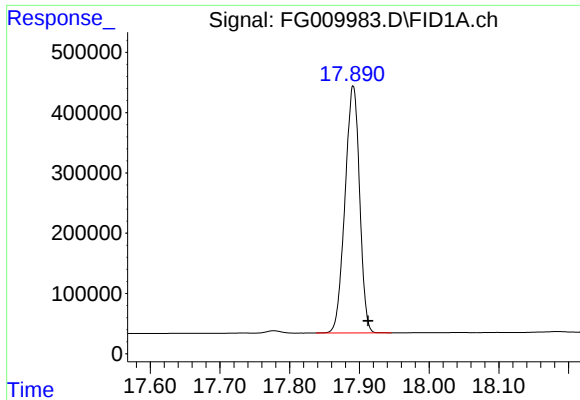
#11 N-HEXACOSANE

R.T.: 16.050 min  
Delta R.T.: -0.020 min  
Response: 6218287  
Conc: 54.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.001 min  
Delta R.T.: -0.021 min  
Response: 6064115  
Conc: 52.99 ug/ml



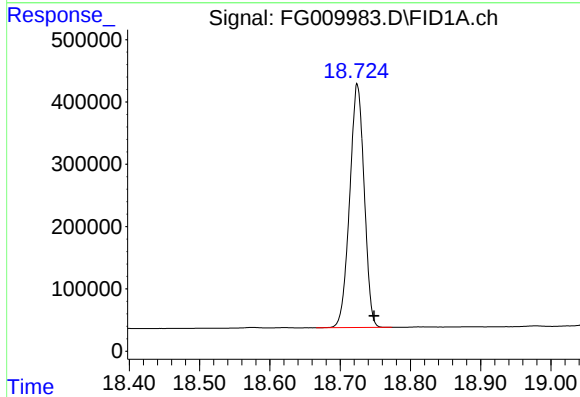
#13 N-TRIACONTANE

R.T.: 17.891 min  
Delta R.T.: -0.021 min  
Response: 5964568  
Conc: 55.39 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD

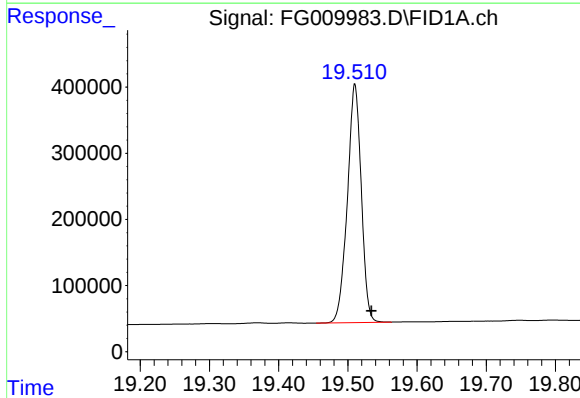
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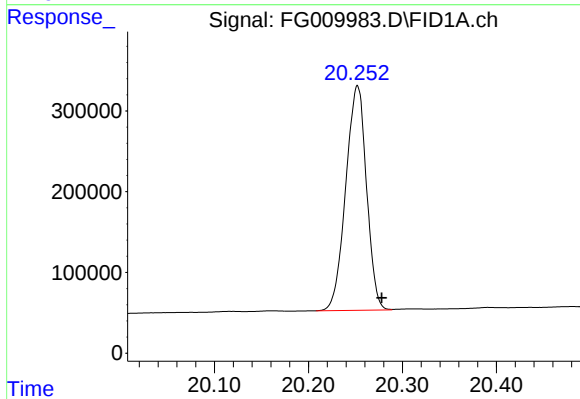
#14 N-DOTRIACONTANE

R.T.: 18.724 min  
Delta R.T.: -0.024 min  
Response: 5605621  
Conc: 53.26 ug/ml



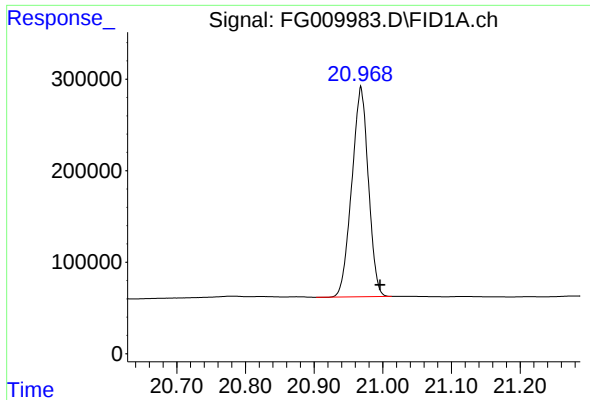
#15 N-TETRATRIACONTANE

R.T.: 19.510 min  
Delta R.T.: -0.024 min  
Response: 5031527  
Conc: 52.40 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.252 min  
Delta R.T.: -0.026 min  
Response: 4268292  
Conc: 52.81 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.968 min  
Delta R.T.: -0.028 min  
Response: 3845721  
Conc: 53.55 ug/ml

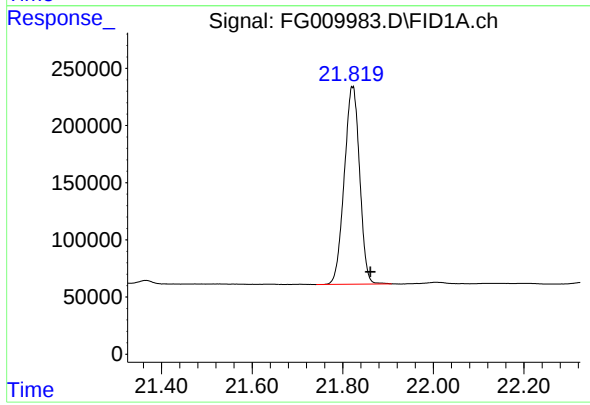
Instrument :

FID\_G

ClientSampleId :  
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.822 min  
Delta R.T.: -0.040 min  
Response: 4066271  
Conc: 57.91 ug/ml