

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG112125\  
 Data File : FG016980.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Nov 2025 21:27  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Nov 26 05:02:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG102925.M  
 Quant Title :  
 QLast Update : Wed Oct 29 12:18:34 2025  
 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... | 15.141 | 5800745  | 53.922 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.080  | 6488227  | 54.759 ug/ml |
| 2) N-DECANE                   | 4.618  | 6665469  | 57.664 ug/ml |
| 3) N-DODECANE                 | 6.801  | 6736819  | 57.791 ug/ml |
| 4) N-TETRADECANE              | 8.640  | 6750645  | 59.049 ug/ml |
| 5) N-HEXADECANE               | 10.258 | 6675261  | 58.122 ug/ml |
| 6) N-OCTADECANE               | 11.711 | 6840171  | 56.225 ug/ml |
| 7) N-EICOSANE                 | 13.029 | 6949233  | 55.180 ug/ml |
| 8) N-DOCOSANE                 | 14.236 | 6674703  | 54.238 ug/ml |
| 10) N-TETRACOSANE             | 15.347 | 6573597  | 53.781 ug/ml |
| 11) N-HEXACOSANE              | 16.375 | 6336405  | 53.653 ug/ml |
| 12) N-OCTACOSANE              | 17.331 | 6329667  | 53.503 ug/ml |
| 13) N-TRIACONTANE             | 18.225 | 6340570  | 53.945 ug/ml |
| 14) N-DOTRIACONTANE           | 19.063 | 6139934  | 54.143 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.850 | 5735581  | 54.225 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.593 | 5027034  | 53.164 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.367 | 4427191  | 54.892 ug/ml |
| 18) N-TETRACONTANE            | 22.346 | 3802706  | 54.381 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

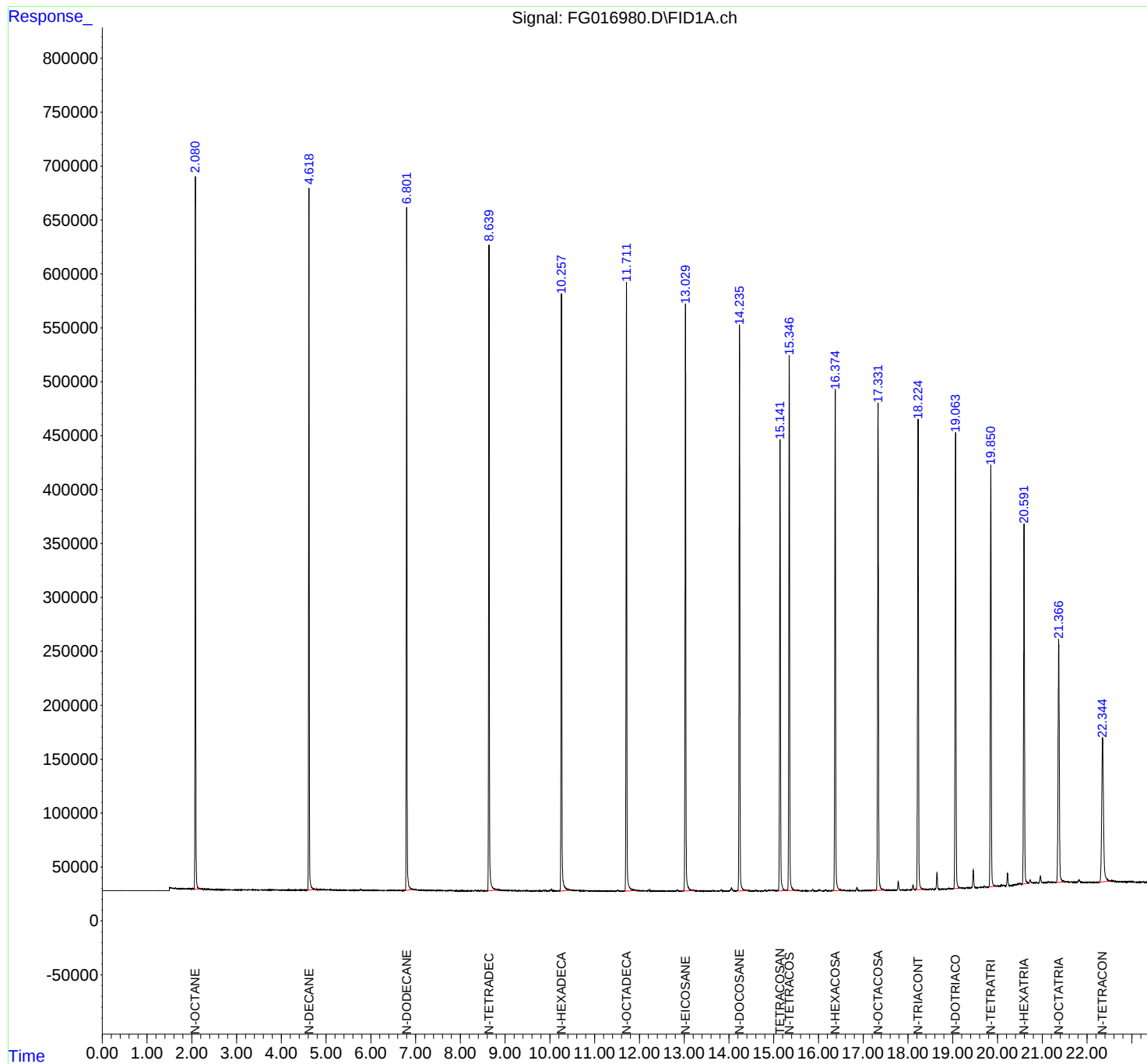
(m)=manual int.

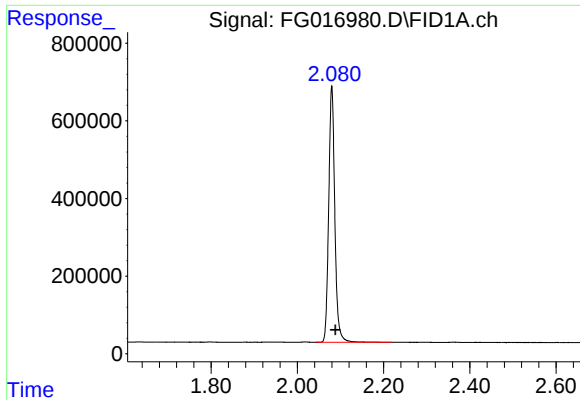
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Integrator: ChemStation

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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

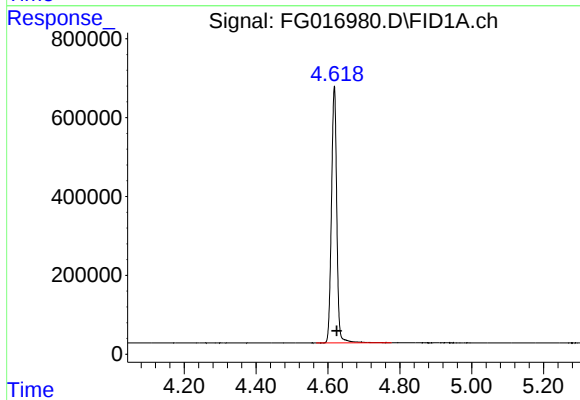




#1 N-OCTANE

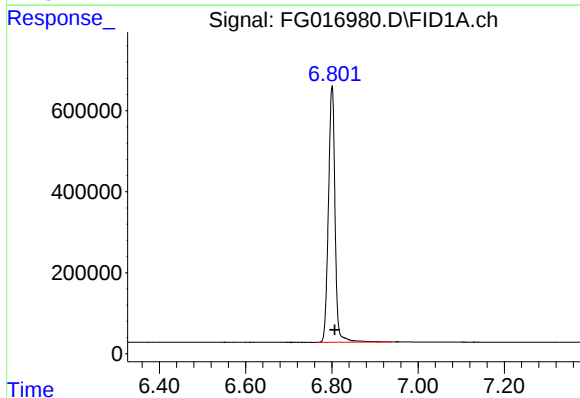
R.T.: 2.080 min  
Delta R.T.: -0.008 min  
Response: 6488227  
Conc: 54.76 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



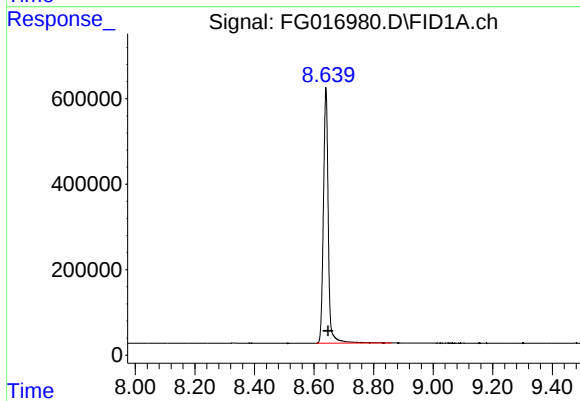
#2 N-DECANE

R.T.: 4.618 min  
Delta R.T.: -0.007 min  
Response: 6665469  
Conc: 57.66 ug/ml



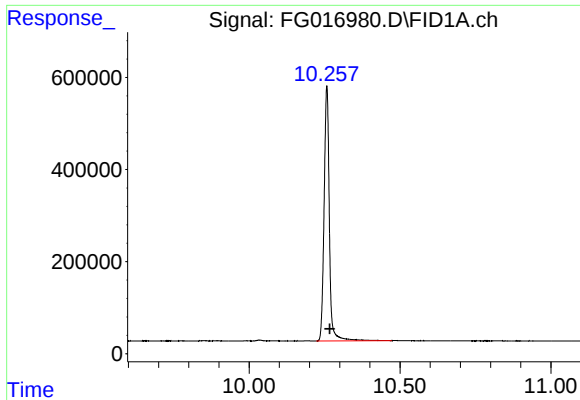
#3 N-DODECANE

R.T.: 6.801 min  
Delta R.T.: -0.006 min  
Response: 6736819  
Conc: 57.79 ug/ml



#4 N-TETRADECANE

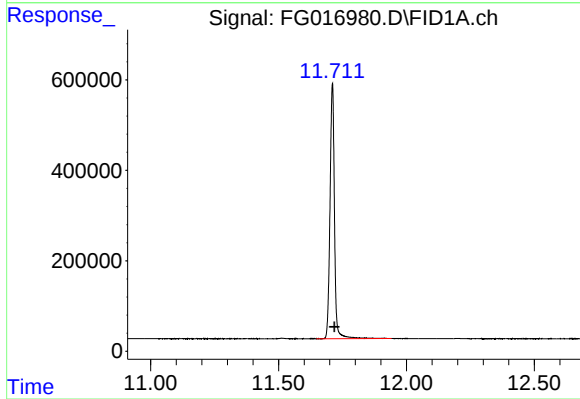
R.T.: 8.640 min  
Delta R.T.: -0.007 min  
Response: 6750645  
Conc: 59.05 ug/ml



#5 N-HEXADECANE

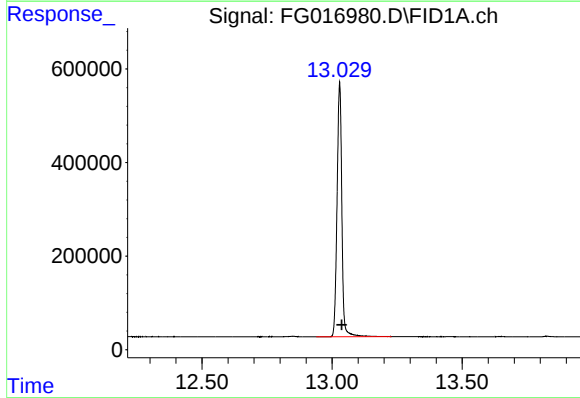
R.T.: 10.258 min  
Delta R.T.: -0.010 min  
Response: 6675261  
Conc: 58.12 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



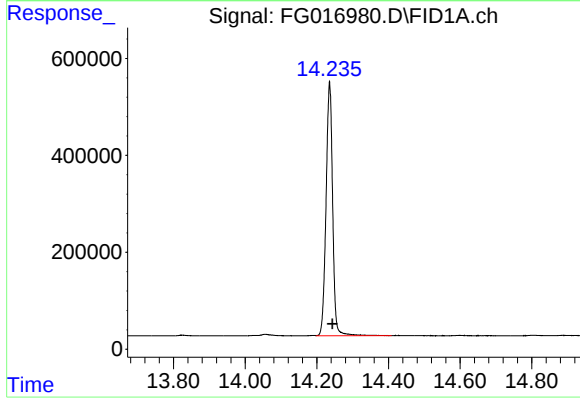
#6 N-OCTADECANE

R.T.: 11.711 min  
Delta R.T.: -0.009 min  
Response: 6840171  
Conc: 56.23 ug/ml



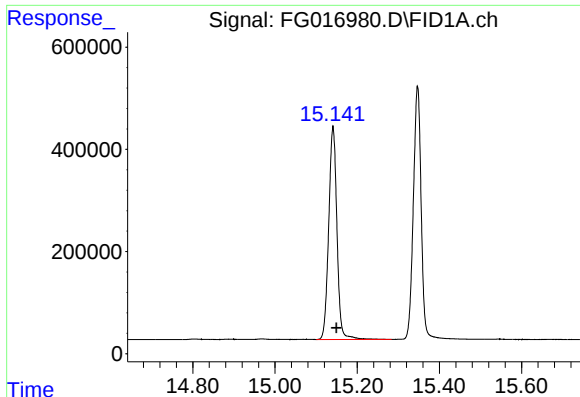
#7 N-EICOSANE

R.T.: 13.029 min  
Delta R.T.: -0.009 min  
Response: 6949233  
Conc: 55.18 ug/ml



#8 N-DOCOSANE

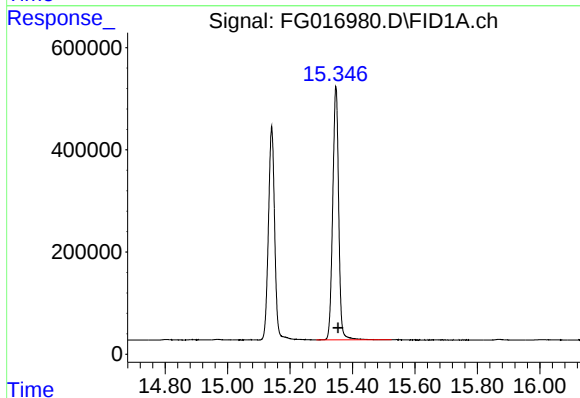
R.T.: 14.236 min  
Delta R.T.: -0.008 min  
Response: 6674703  
Conc: 54.24 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

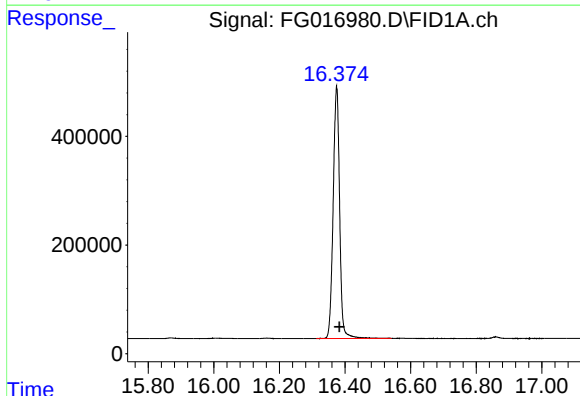
R.T.: 15.141 min  
Delta R.T.: -0.008 min  
Response: 5800745  
Conc: 53.92 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



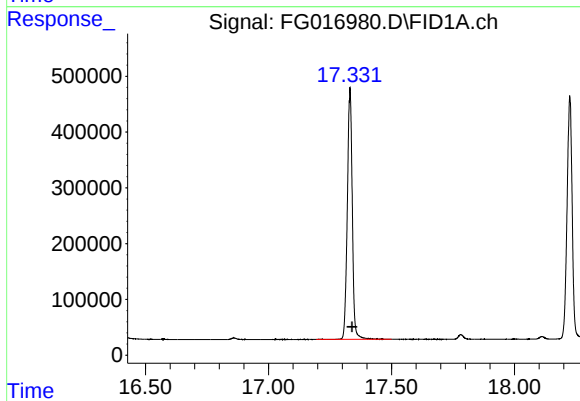
#10 N-TETRACOSANE

R.T.: 15.347 min  
Delta R.T.: -0.007 min  
Response: 6573597  
Conc: 53.78 ug/ml



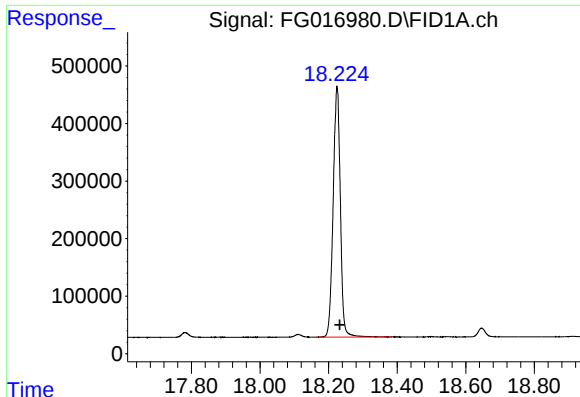
#11 N-HEXACOSANE

R.T.: 16.375 min  
Delta R.T.: -0.008 min  
Response: 6336405  
Conc: 53.65 ug/ml



#12 N-OCTACOSANE

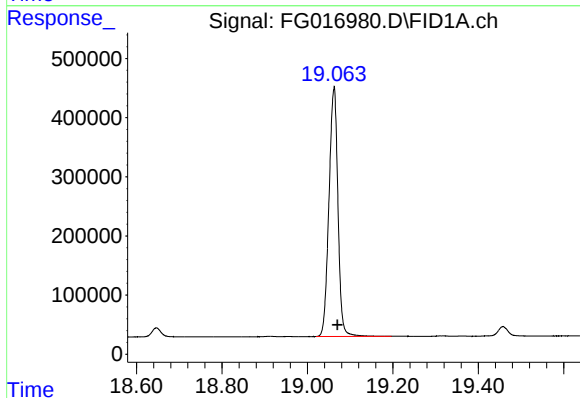
R.T.: 17.331 min  
Delta R.T.: -0.008 min  
Response: 6329667  
Conc: 53.50 ug/ml



#13 N-TRIACONTANE

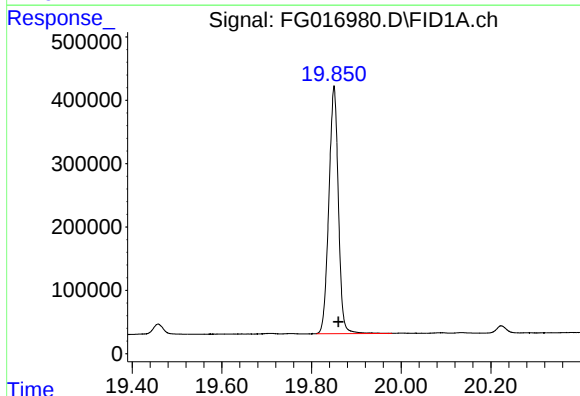
R.T.: 18.225 min  
Delta R.T.: -0.008 min  
Response: 6340570  
Conc: 53.95 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



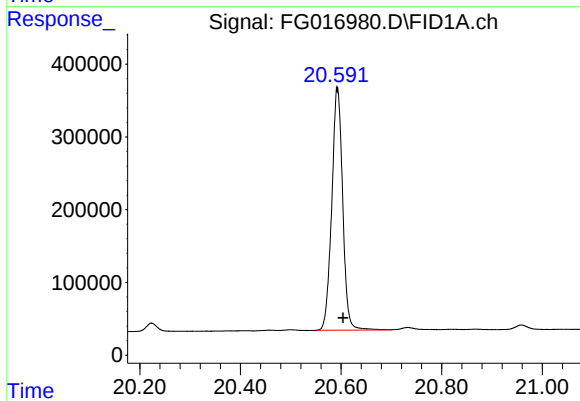
#14 N-DOTRIACONTANE

R.T.: 19.063 min  
Delta R.T.: -0.008 min  
Response: 6139934  
Conc: 54.14 ug/ml



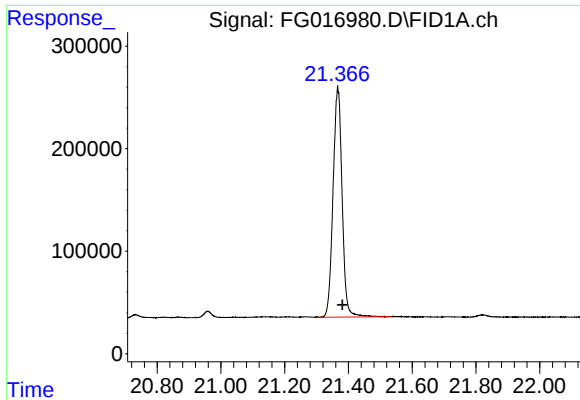
#15 N-TETRATRIACONTANE

R.T.: 19.850 min  
Delta R.T.: -0.009 min  
Response: 5735581  
Conc: 54.22 ug/ml



#16 N-HEXATRIACONTANE

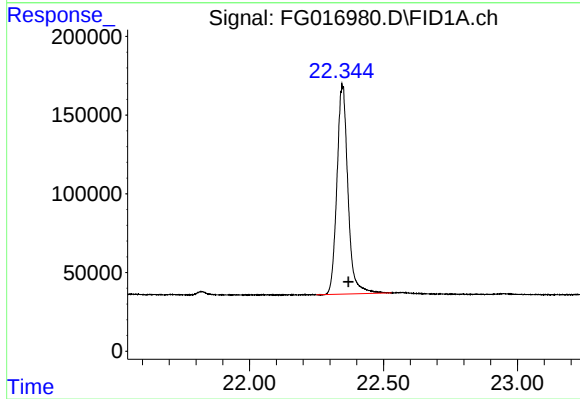
R.T.: 20.593 min  
Delta R.T.: -0.011 min  
Response: 5027034  
Conc: 53.16 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.367 min  
Delta R.T.: -0.014 min  
Response: 4427191  
Conc: 54.89 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.346 min  
Delta R.T.: -0.023 min  
Response: 3802706  
Conc: 54.38 ug/ml