

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091823\  
 Data File : FG012928.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Sep 2023 10:23  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Sep 19 00:39:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG090123.M  
 Quant Title :  
 QLast Update : Thu Aug 31 16:39:19 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... | 15.084 | 5583675  | 49.954 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.074  | 6485008  | 49.238 ug/ml |
| 2) N-DECANE                   | 4.597  | 6712646  | 49.552 ug/ml |
| 3) N-DODECANE                 | 6.772  | 6667239  | 49.260 ug/ml |
| 4) N-TETRADECANE              | 8.606  | 6558451  | 48.894 ug/ml |
| 5) N-HEXADECANE               | 10.218 | 6473492  | 48.295 ug/ml |
| 6) N-OCTADECANE               | 11.666 | 6412806  | 47.904 ug/ml |
| 7) N-EICOSANE                 | 12.980 | 6185844  | 47.598 ug/ml |
| 8) N-DOCOSANE                 | 14.182 | 5976614  | 47.532 ug/ml |
| 10) N-TETRACOSANE             | 15.288 | 5924751  | 47.778 ug/ml |
| 11) N-HEXACOSANE              | 16.312 | 5761228  | 47.950 ug/ml |
| 12) N-OCTACOSANE              | 17.262 | 5715228  | 48.785 ug/ml |
| 13) N-TRIACONTANE             | 18.151 | 5716311  | 50.512 ug/ml |
| 14) N-DOTRIACONTANE           | 18.984 | 5566602  | 53.435 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.768 | 5167384  | 55.894 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.505 | 4583410  | 56.554 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.264 | 3900924  | 51.080 ug/ml |
| 18) N-TETRACONTANE            | 22.210 | 3257854  | 41.892 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

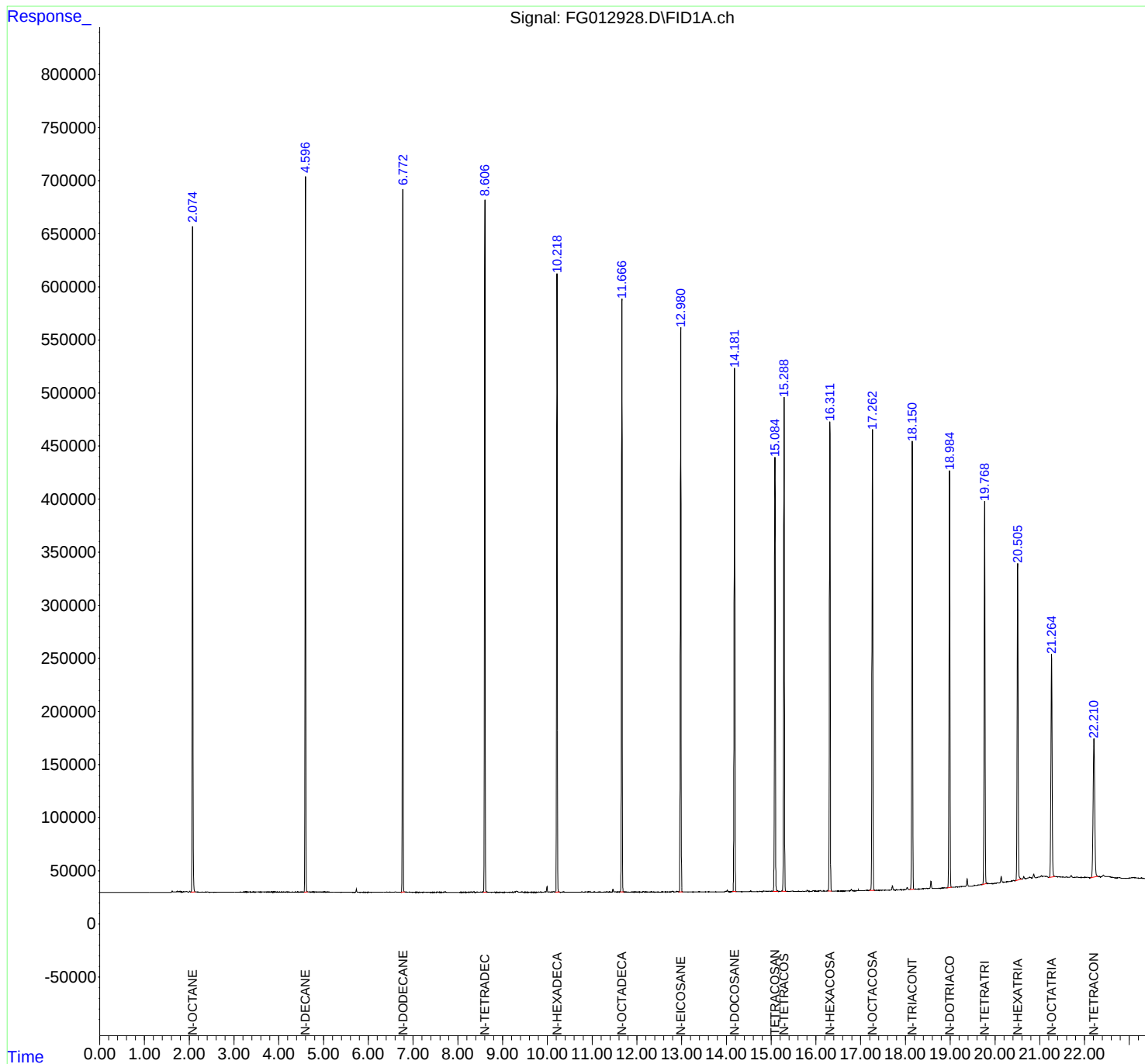
(m)=manual int.

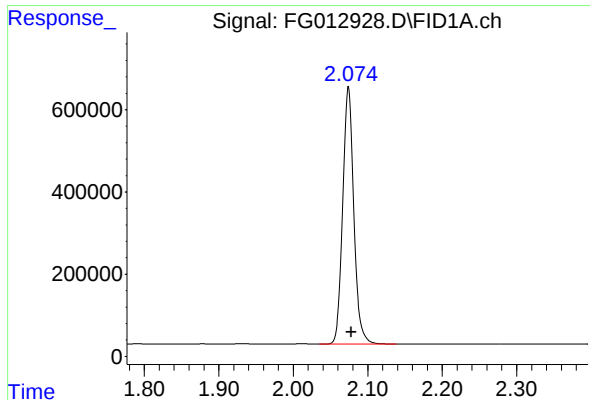
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091823\  
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ALS Vial : 3 Sample Multiplier: 1

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50 PPM TRPH STD

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Quant Time: Sep 19 00:39:01 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG090123.M  
Quant Title :  
QLast Update : Thu Aug 31 16:39:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

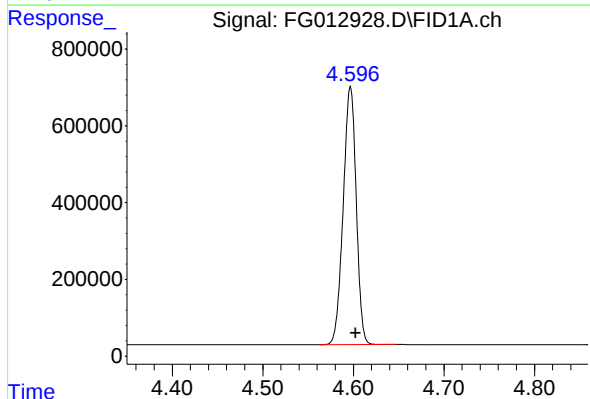




#1 N-OCTANE

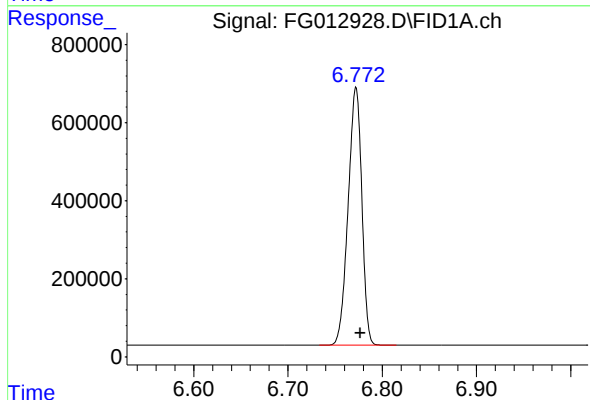
R.T.: 2.074 min  
Delta R.T.: -0.004 min  
Response: 6485008  
Conc: 49.24 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



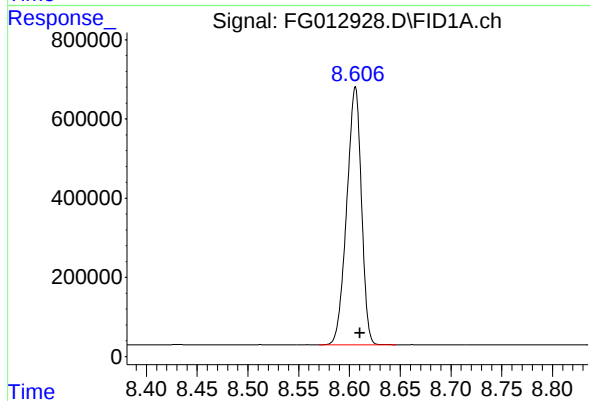
#2 N-DECANE

R.T.: 4.597 min  
Delta R.T.: -0.006 min  
Response: 6712646  
Conc: 49.55 ug/ml



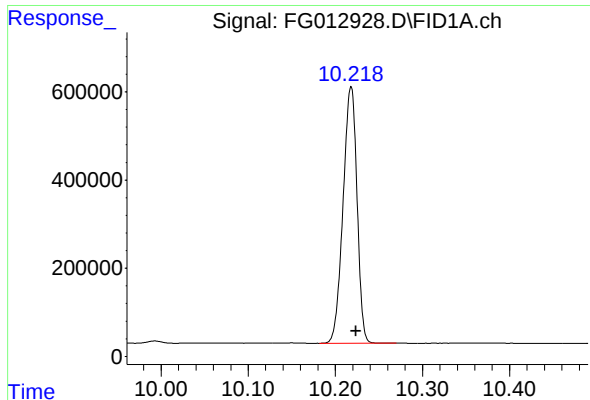
#3 N-DODECANE

R.T.: 6.772 min  
Delta R.T.: -0.005 min  
Response: 6667239  
Conc: 49.26 ug/ml



#4 N-TETRADECANE

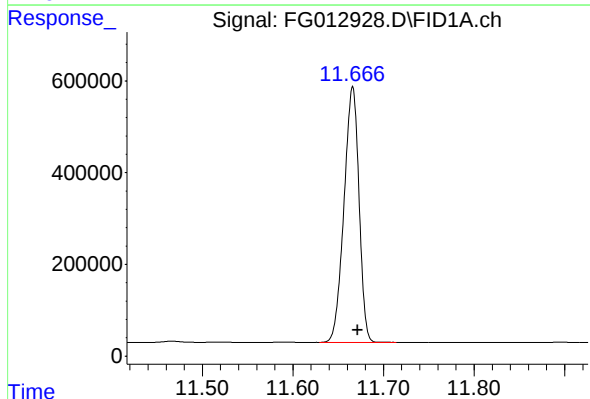
R.T.: 8.606 min  
Delta R.T.: -0.005 min  
Response: 6558451  
Conc: 48.89 ug/ml



#5 N-HEXADECANE

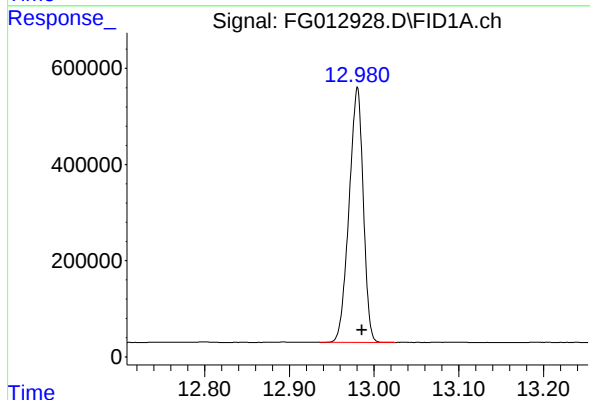
R.T.: 10.218 min  
Delta R.T.: -0.005 min  
Response: 6473492  
Conc: 48.30 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



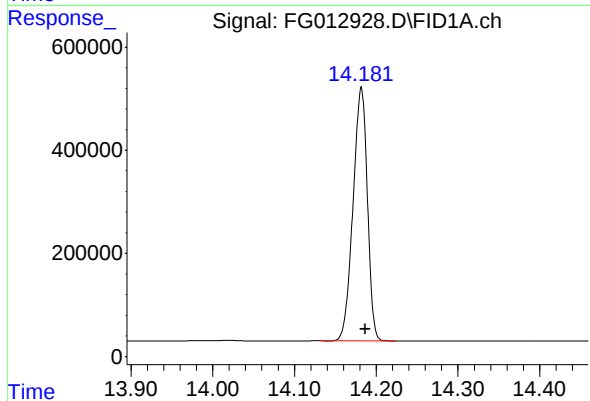
#6 N-OCTADECANE

R.T.: 11.666 min  
Delta R.T.: -0.006 min  
Response: 6412806  
Conc: 47.90 ug/ml



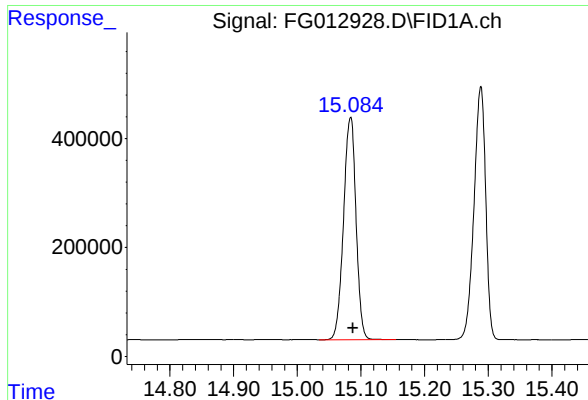
#7 N-EICOSANE

R.T.: 12.980 min  
Delta R.T.: -0.005 min  
Response: 6185844  
Conc: 47.60 ug/ml



#8 N-DOCOSANE

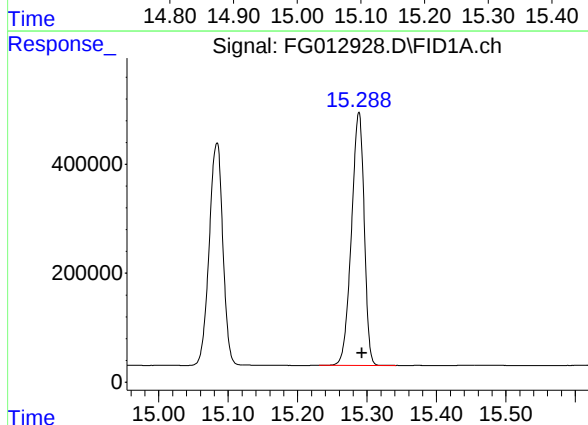
R.T.: 14.182 min  
Delta R.T.: -0.005 min  
Response: 5976614  
Conc: 47.53 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

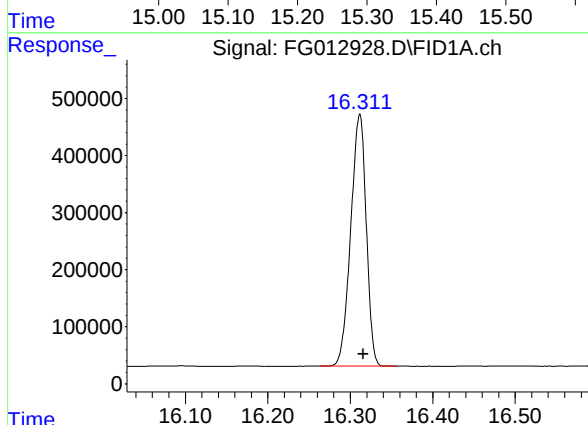
R.T.: 15.084 min  
Delta R.T.: -0.003 min  
Response: 5583675  
Conc: 49.95 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



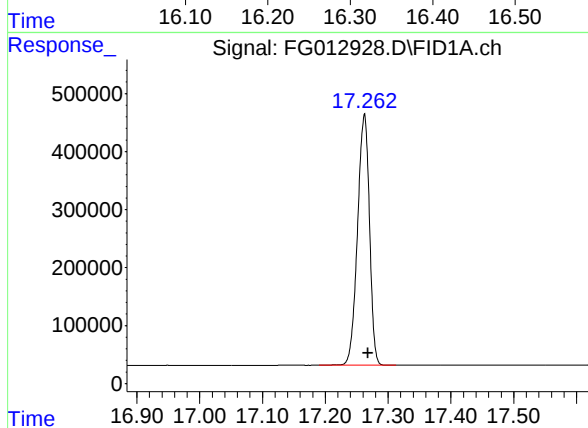
#10 N-TETRACOSANE

R.T.: 15.288 min  
Delta R.T.: -0.004 min  
Response: 5924751  
Conc: 47.78 ug/ml



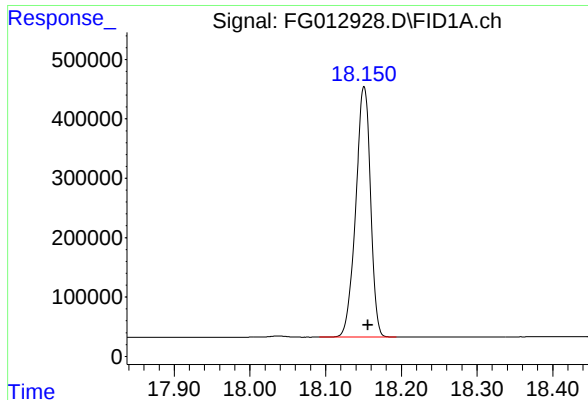
#11 N-HEXACOSANE

R.T.: 16.312 min  
Delta R.T.: -0.004 min  
Response: 5761228  
Conc: 47.95 ug/ml



#12 N-OCTACOSANE

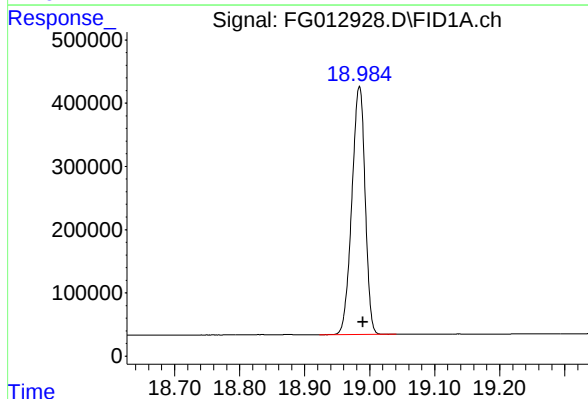
R.T.: 17.262 min  
Delta R.T.: -0.006 min  
Response: 5715228  
Conc: 48.78 ug/ml



#13 N-TRIACONTANE

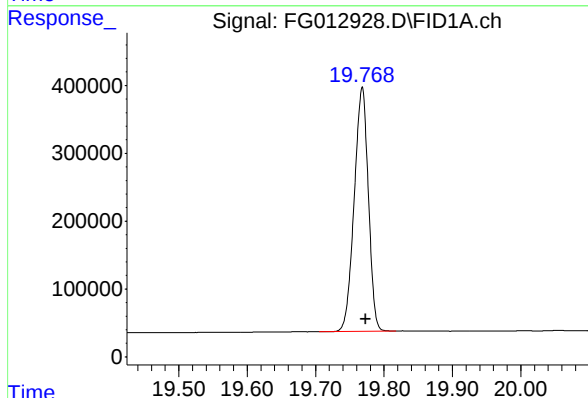
R.T.: 18.151 min  
Delta R.T.: -0.005 min  
Response: 5716311  
Conc: 50.51 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



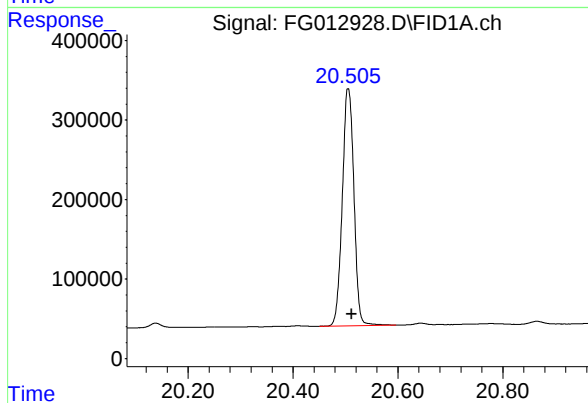
#14 N-DOTRIACONTANE

R.T.: 18.984 min  
Delta R.T.: -0.005 min  
Response: 5566602  
Conc: 53.43 ug/ml



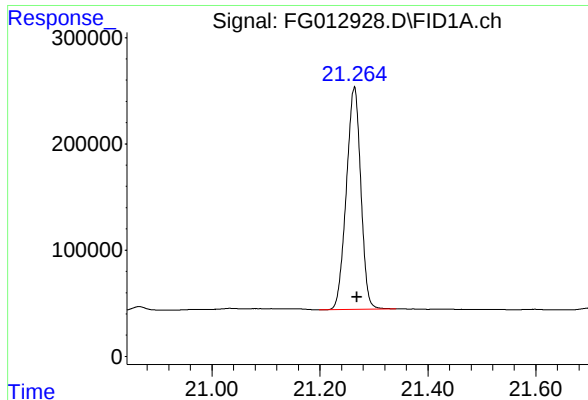
#15 N-TETRATRIACONTANE

R.T.: 19.768 min  
Delta R.T.: -0.005 min  
Response: 5167384  
Conc: 55.89 ug/ml



#16 N-HEXATRIACONTANE

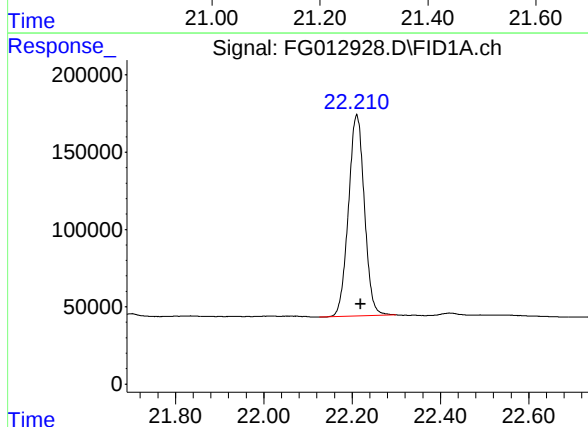
R.T.: 20.505 min  
Delta R.T.: -0.007 min  
Response: 4583410  
Conc: 56.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.264 min  
Delta R.T.: -0.005 min  
Response: 3900924  
Conc: 51.08 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.210 min  
Delta R.T.: -0.009 min  
Response: 3257854  
Conc: 41.89 ug/ml