

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051024\  
 Data File : FE048080.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 May 2024 12:07  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: May 11 00:40:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE050924.M  
 Quant Title :  
 QLast Update : Fri May 10 23:54:11 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... | 15.049 | 5951385  | 51.624 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.075  | 7471224  | 52.923 ug/ml |
| 2) N-DECANE                   | 4.598  | 7374955  | 53.101 ug/ml |
| 3) N-DODECANE                 | 6.765  | 7249334  | 52.801 ug/ml |
| 4) N-TETRADECANE              | 8.593  | 7104024  | 52.231 ug/ml |
| 5) N-HEXADECANE               | 10.200 | 7207207  | 53.716 ug/ml |
| 6) N-OCTADECANE               | 11.644 | 7207176  | 53.385 ug/ml |
| 7) N-EICOSANE                 | 12.953 | 7180941  | 52.560 ug/ml |
| 8) N-DOCOSANE                 | 14.151 | 6820869  | 51.806 ug/ml |
| 10) N-TETRACOSANE             | 15.253 | 6718565  | 51.317 ug/ml |
| 11) N-HEXACOSANE              | 16.273 | 6622062  | 50.894 ug/ml |
| 12) N-OCTACOSANE              | 17.222 | 6530155  | 50.544 ug/ml |
| 13) N-TRIACONTANE             | 18.109 | 6640478  | 49.949 ug/ml |
| 14) N-DOTRIACONTANE           | 18.941 | 6704537  | 46.621 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.724 | 6389580  | 47.343 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.463 | 6119209  | 46.096 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.202 | 5760720  | 46.639 ug/ml |
| 18) N-TETRACONTANE            | 22.125 | 5534848  | 43.878 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

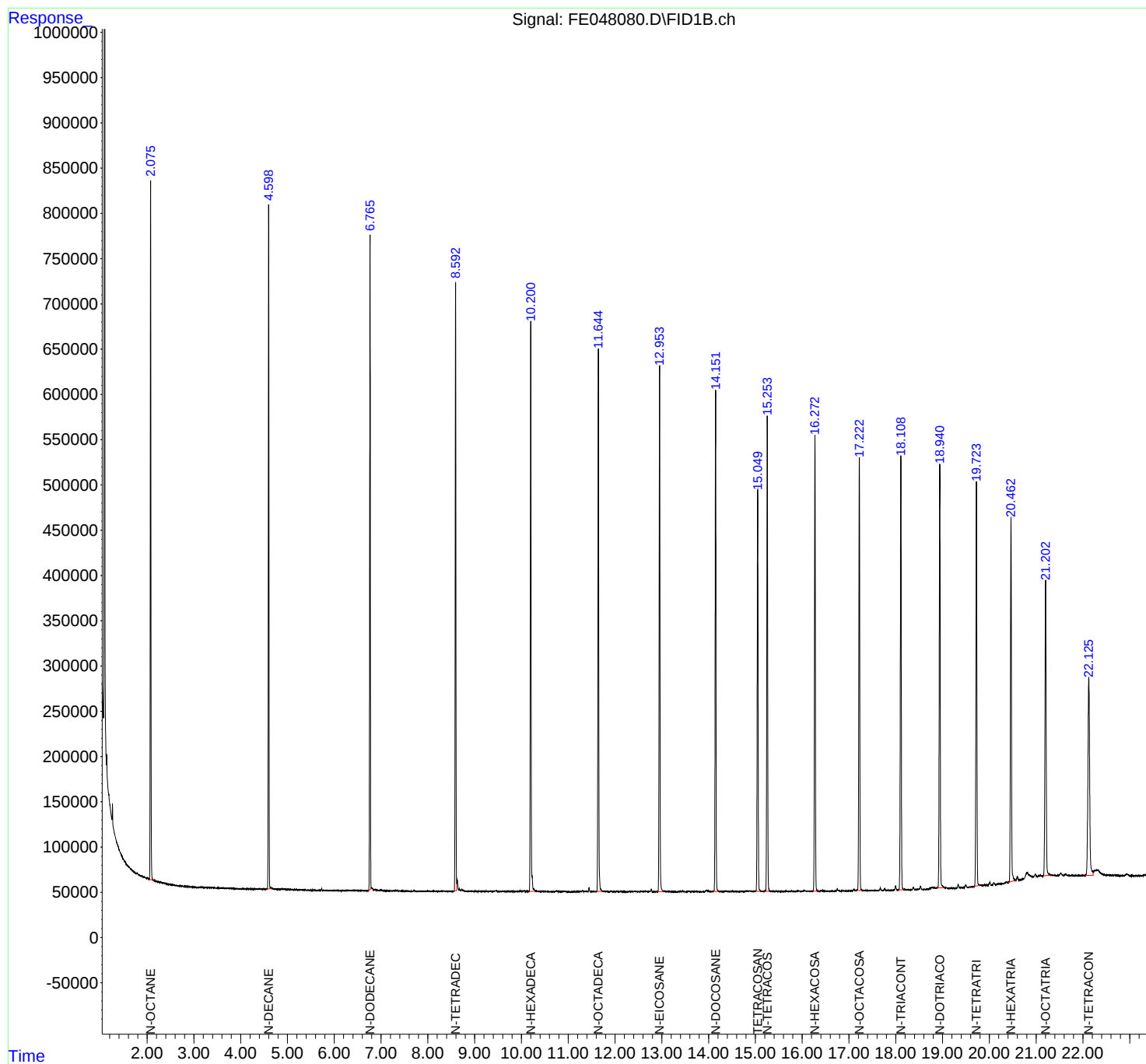
(m)=manual int.

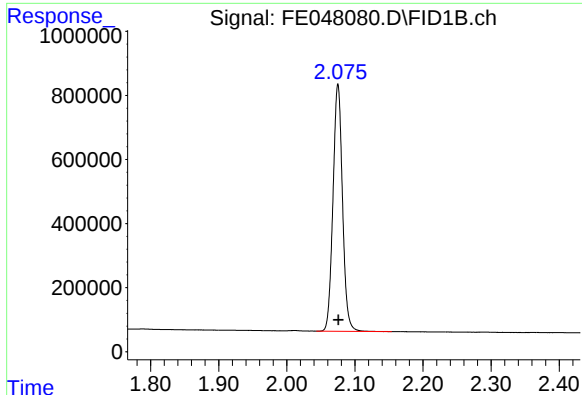
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE051024\  
Data File : FE048080.D  
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Misc :  
ALS Vial : 22 Sample Multiplier: 1

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Integrator: ChemStation

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

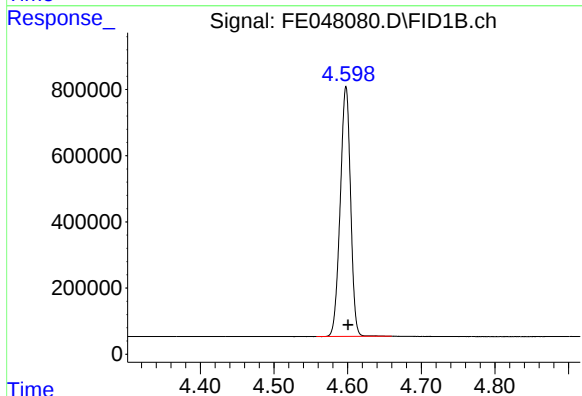




#1 N-OCTANE

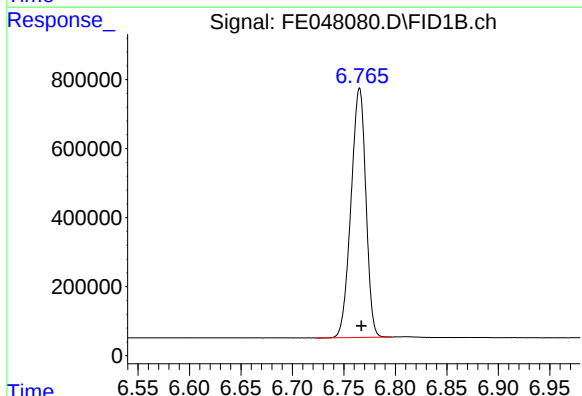
R.T.: 2.075 min  
Delta R.T.: 0.000 min  
Response: 7471224  
Conc: 52.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



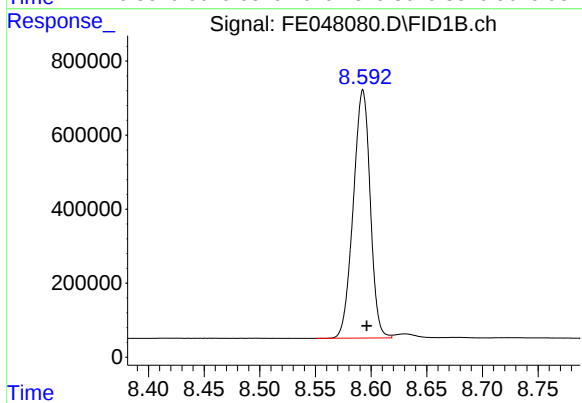
#2 N-DECANE

R.T.: 4.598 min  
Delta R.T.: -0.003 min  
Response: 7374955  
Conc: 53.10 ug/ml



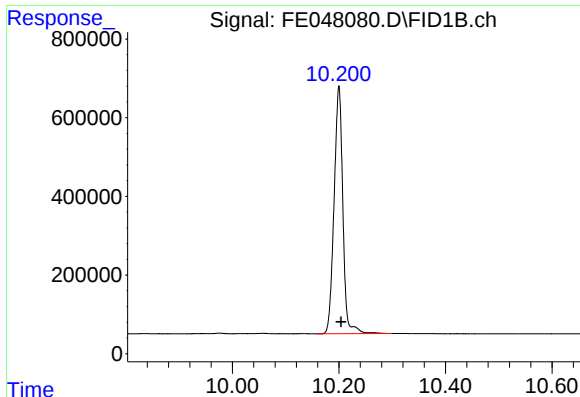
#3 N-DODECANE

R.T.: 6.765 min  
Delta R.T.: -0.002 min  
Response: 7249334  
Conc: 52.80 ug/ml



#4 N-TETRADECANE

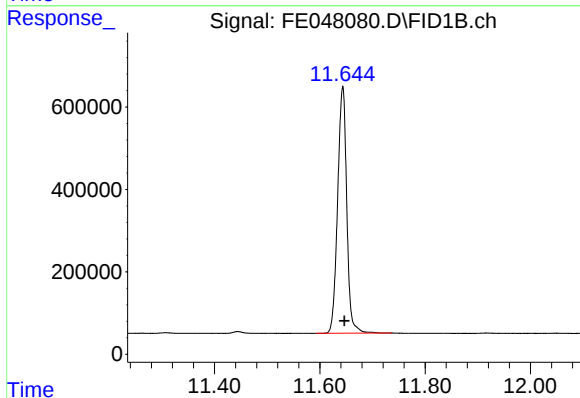
R.T.: 8.593 min  
Delta R.T.: -0.003 min  
Response: 7104024  
Conc: 52.23 ug/ml



#5 N-HEXADECANE

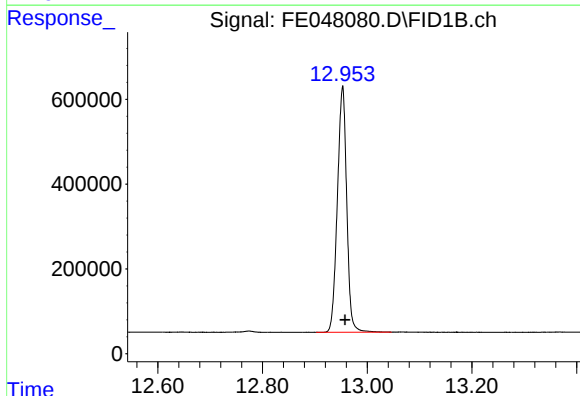
R.T.: 10.200 min  
Delta R.T.: -0.004 min  
Response: 7207207  
Conc: 53.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



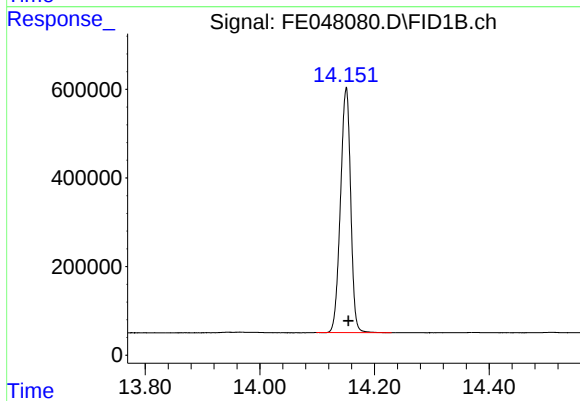
#6 N-OCTADECANE

R.T.: 11.644 min  
Delta R.T.: -0.003 min  
Response: 7207176  
Conc: 53.38 ug/ml



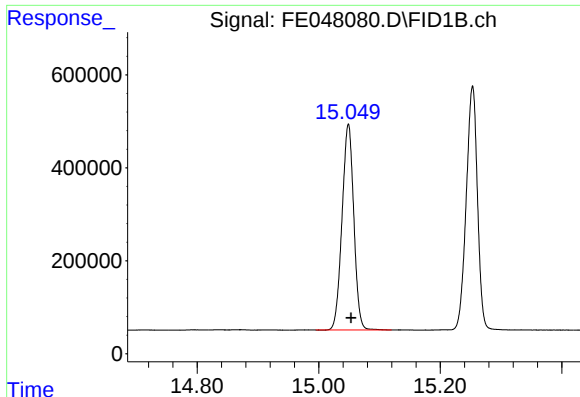
#7 N-EICOSANE

R.T.: 12.953 min  
Delta R.T.: -0.004 min  
Response: 7180941  
Conc: 52.56 ug/ml



#8 N-DOCOSANE

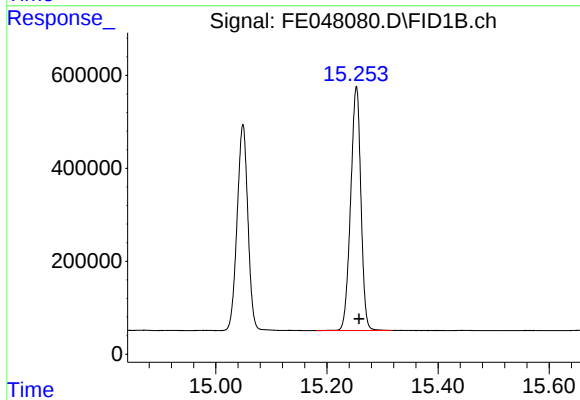
R.T.: 14.151 min  
Delta R.T.: -0.004 min  
Response: 6820869  
Conc: 51.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

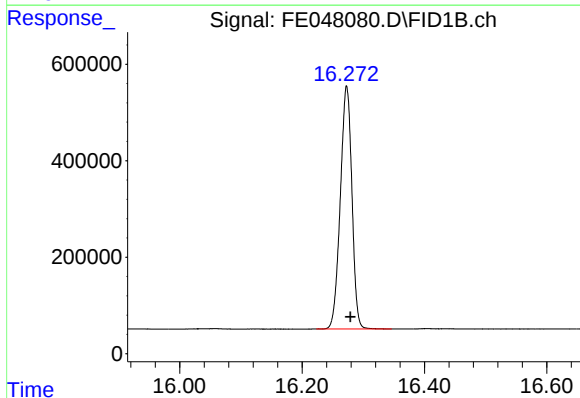
R.T.: 15.049 min  
Delta R.T.: -0.005 min  
Response: 5951385  
Conc: 51.62 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



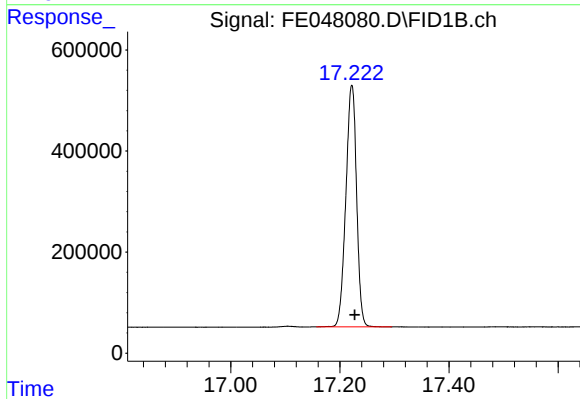
#10 N-TETRACOSANE

R.T.: 15.253 min  
Delta R.T.: -0.005 min  
Response: 6718565  
Conc: 51.32 ug/ml



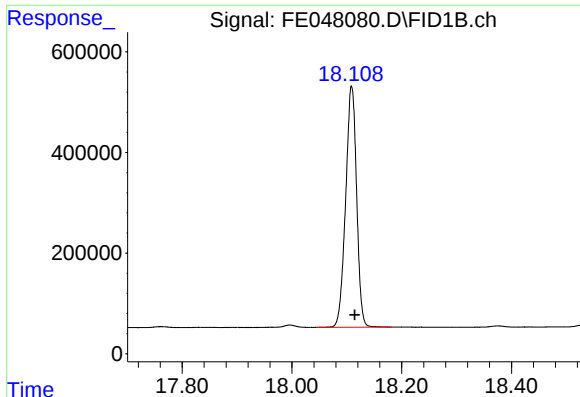
#11 N-HEXACOSANE

R.T.: 16.273 min  
Delta R.T.: -0.006 min  
Response: 6622062  
Conc: 50.89 ug/ml



#12 N-OCTACOSANE

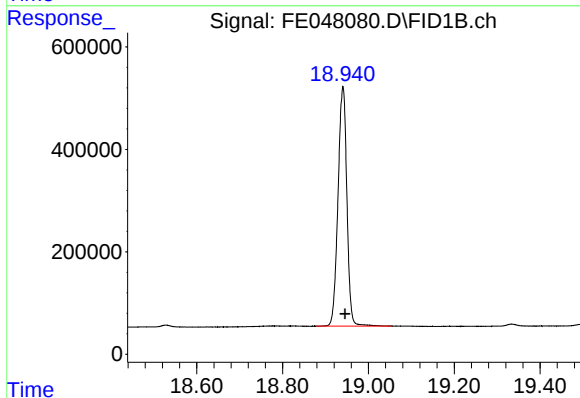
R.T.: 17.222 min  
Delta R.T.: -0.005 min  
Response: 6530155  
Conc: 50.54 ug/ml



#13 N-TRIACONTANE

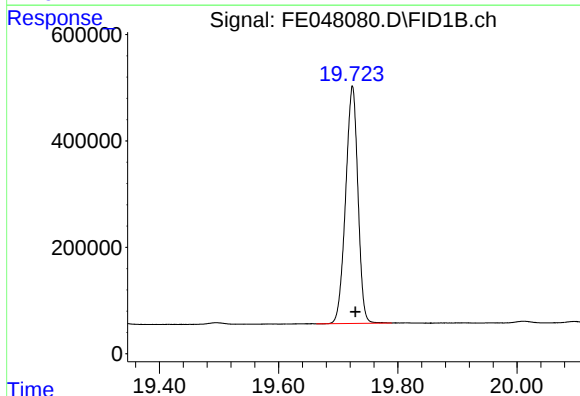
R.T.: 18.109 min  
Delta R.T.: -0.006 min  
Response: 6640478  
Conc: 49.95 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
50 PPM TRPH STD



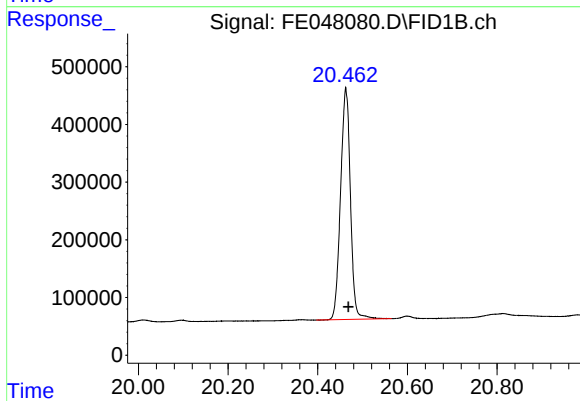
#14 N-DOTRIACONTANE

R.T.: 18.941 min  
Delta R.T.: -0.005 min  
Response: 6704537  
Conc: 46.62 ug/ml



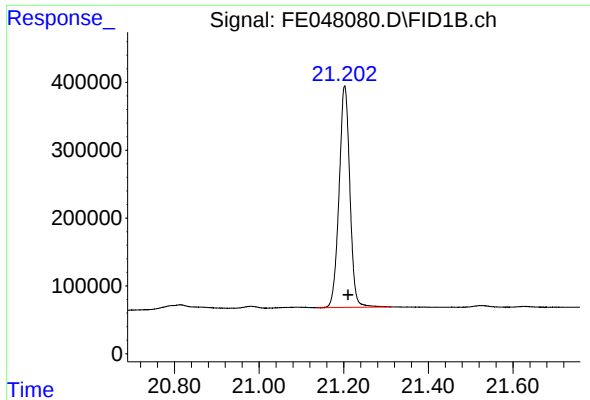
#15 N-TETRATRIACONTANE

R.T.: 19.724 min  
Delta R.T.: -0.005 min  
Response: 6389580  
Conc: 47.34 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.463 min  
Delta R.T.: -0.006 min  
Response: 6119209  
Conc: 46.10 ug/ml



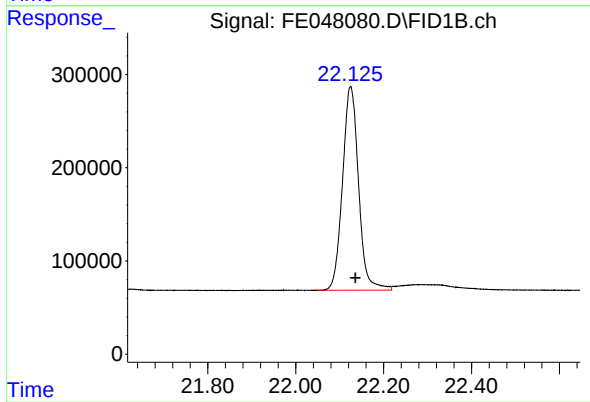
#17 N-OCTATRIACONTANE

R.T.: 21.202 min  
Delta R.T.: -0.008 min  
Response: 5760720  
Conc: 46.64 ug/ml

Instrument :

FID\_E

ClientSampleId :  
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.125 min  
Delta R.T.: -0.011 min  
Response: 5534848  
Conc: 43.88 ug/ml