

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF040925\  
 Data File : FF015773.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Apr 2025 12:41  
 Operator : YP\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Apr 10 01:31:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF032625.M  
 Quant Title :  
 QLast Update : Wed Mar 26 13:03:21 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... | 15.022 | 5854188  | 53.423 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.025  | 5465534  | 48.667 ug/ml |
| 2) N-DECANE                   | 4.566  | 5654811  | 51.439 ug/ml |
| 3) N-DODECANE                 | 6.734  | 5964559  | 53.425 ug/ml |
| 4) N-TETRADECANE              | 8.561  | 6054987  | 54.315 ug/ml |
| 5) N-HEXADECANE               | 10.168 | 6164776  | 52.676 ug/ml |
| 6) N-OCTADECANE               | 11.612 | 6459922  | 52.839 ug/ml |
| 7) N-EICOSANE                 | 12.922 | 6506868  | 51.228 ug/ml |
| 8) N-DOCOSANE                 | 14.121 | 6454698  | 52.048 ug/ml |
| 10) N-TETRACOSANE             | 15.225 | 6455442  | 51.923 ug/ml |
| 11) N-HEXACOSANE              | 16.247 | 6336177  | 51.367 ug/ml |
| 12) N-OCTACOSANE              | 17.196 | 6287828  | 51.479 ug/ml |
| 13) N-TRIACONTANE             | 18.086 | 6304664  | 51.059 ug/ml |
| 14) N-DOTRIACONTANE           | 18.918 | 6026742  | 50.998 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.702 | 5046448  | 48.440 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.441 | 4043876  | 46.187 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.178 | 3371318  | 47.732 ug/ml |
| 18) N-TETRACONTANE            | 22.089 | 2965474  | 48.335 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

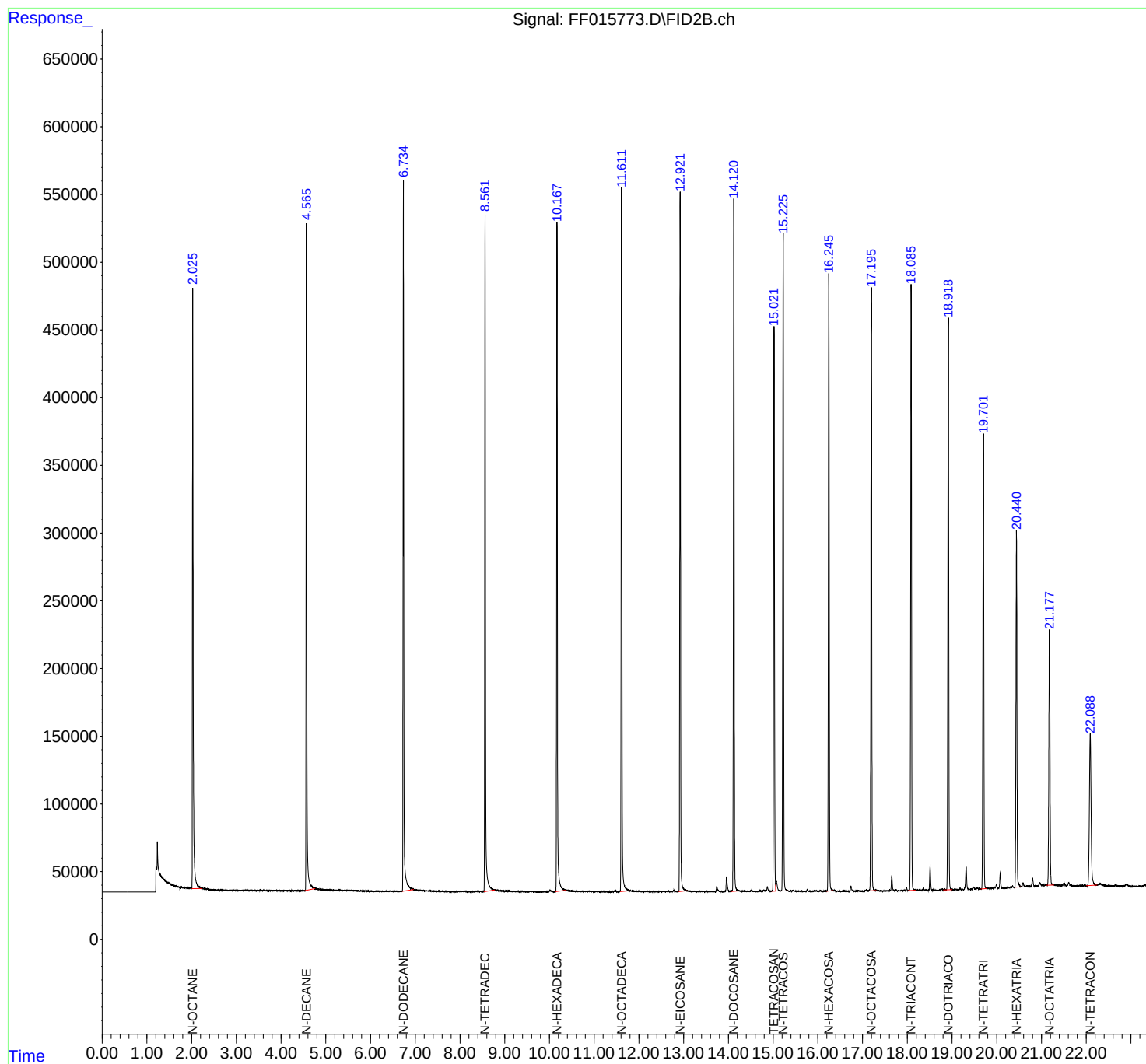
(m)=manual int.

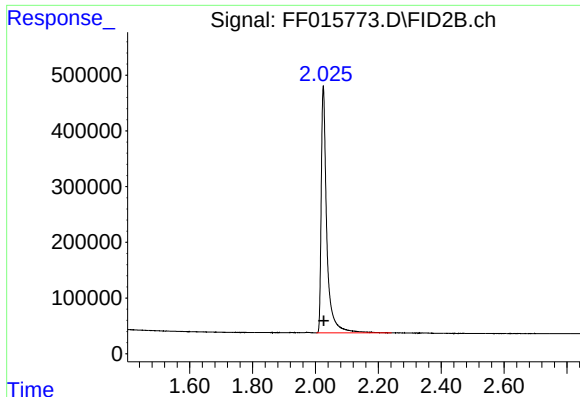
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

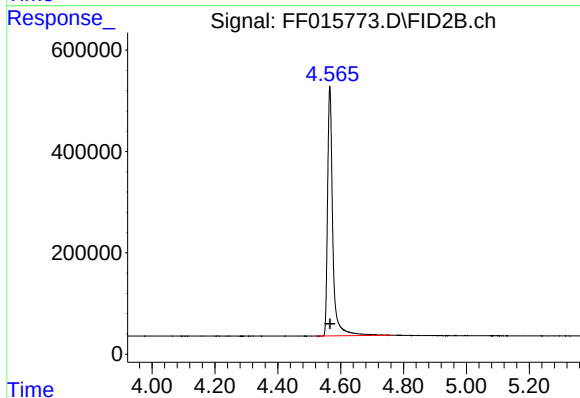




#1 N-OCTANE

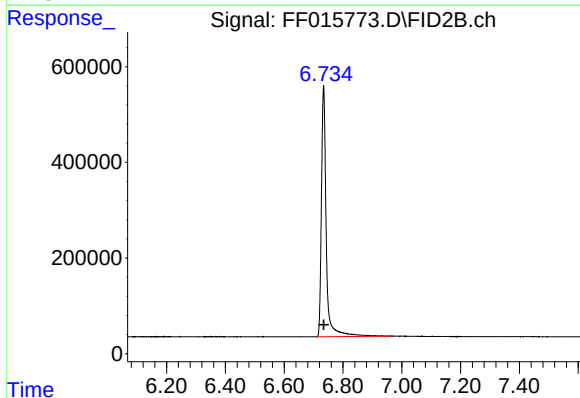
R.T.: 2.025 min  
Delta R.T.: 0.000 min  
Response: 5465534  
Conc: 48.67 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



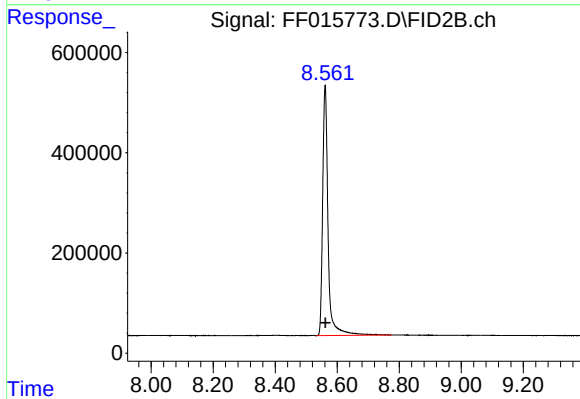
#2 N-DECANE

R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 5654811  
Conc: 51.44 ug/ml



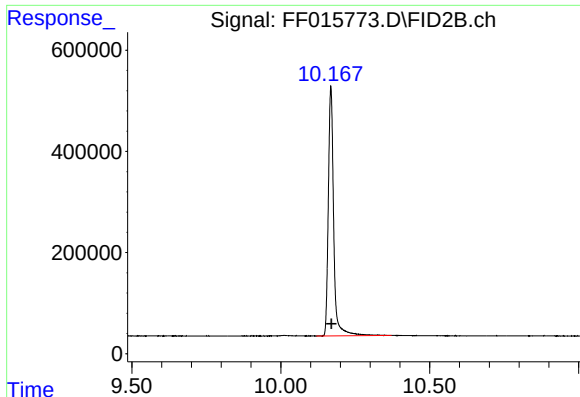
#3 N-DODECANE

R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 5964559  
Conc: 53.42 ug/ml



#4 N-TETRADECANE

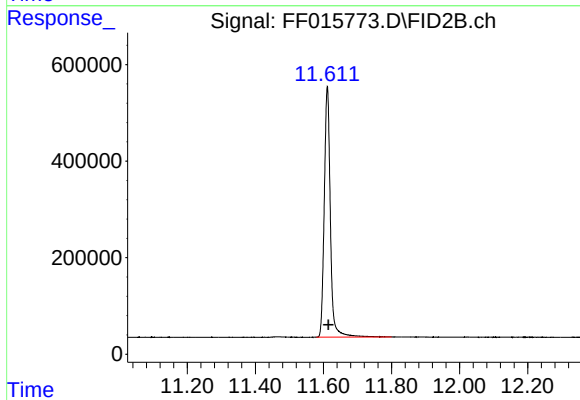
R.T.: 8.561 min  
Delta R.T.: -0.002 min  
Response: 6054987  
Conc: 54.31 ug/ml



#5 N-HEXADECANE

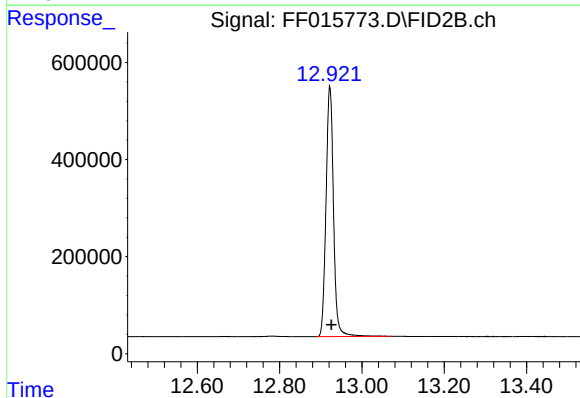
R.T.: 10.168 min  
Delta R.T.: -0.002 min  
Response: 6164776  
Conc: 52.68 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



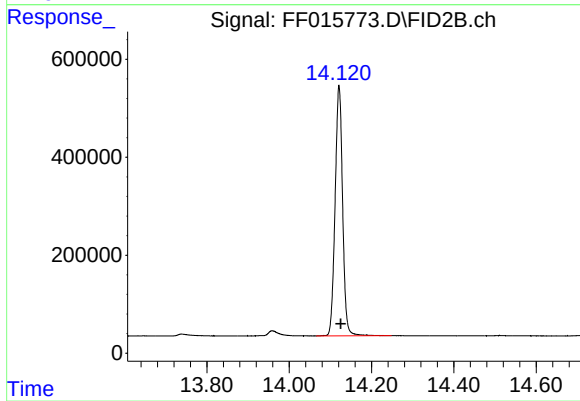
#6 N-OCTADECANE

R.T.: 11.612 min  
Delta R.T.: -0.003 min  
Response: 6459922  
Conc: 52.84 ug/ml



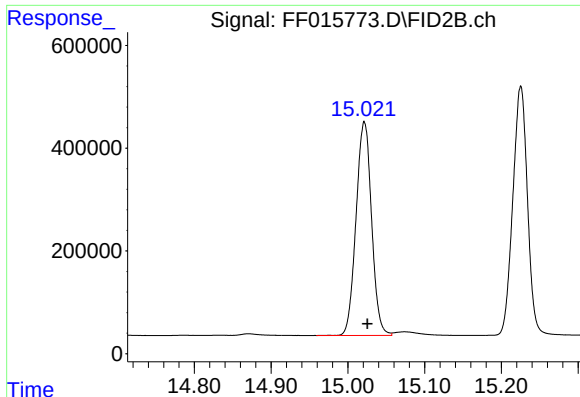
#7 N-EICOSANE

R.T.: 12.922 min  
Delta R.T.: -0.004 min  
Response: 6506868  
Conc: 51.23 ug/ml



#8 N-DOCOSANE

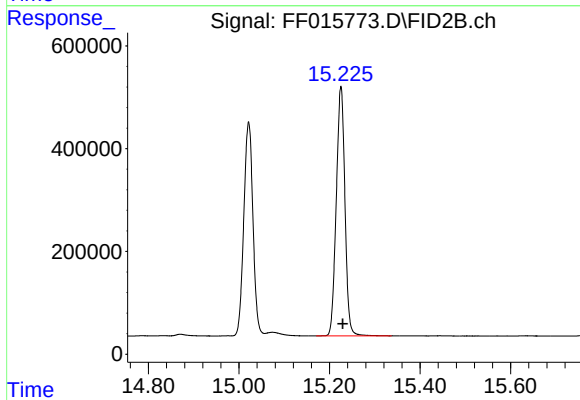
R.T.: 14.121 min  
Delta R.T.: -0.004 min  
Response: 6454698  
Conc: 52.05 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

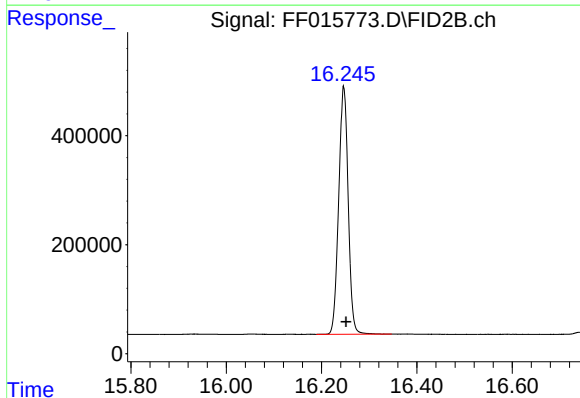
R.T.: 15.022 min  
Delta R.T.: -0.004 min  
Response: 5854188  
Conc: 53.42 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



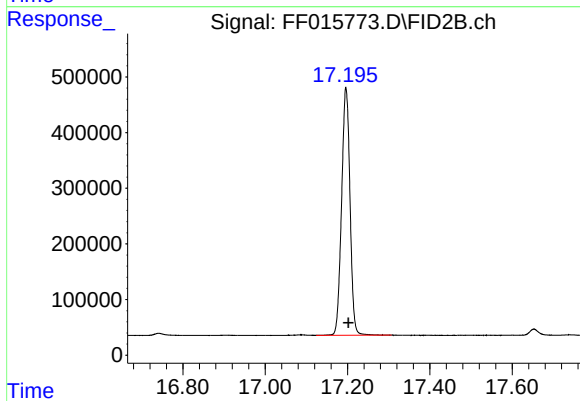
#10 N-TETRACOSANE

R.T.: 15.225 min  
Delta R.T.: -0.004 min  
Response: 6455442  
Conc: 51.92 ug/ml



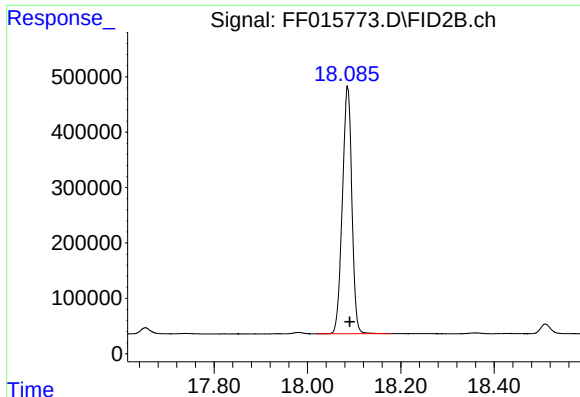
#11 N-HEXACOSANE

R.T.: 16.247 min  
Delta R.T.: -0.005 min  
Response: 6336177  
Conc: 51.37 ug/ml



#12 N-OCTACOSANE

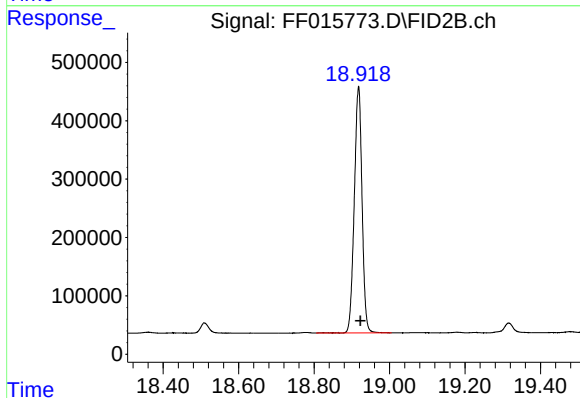
R.T.: 17.196 min  
Delta R.T.: -0.006 min  
Response: 6287828  
Conc: 51.48 ug/ml



#13 N-TRIACONTANE

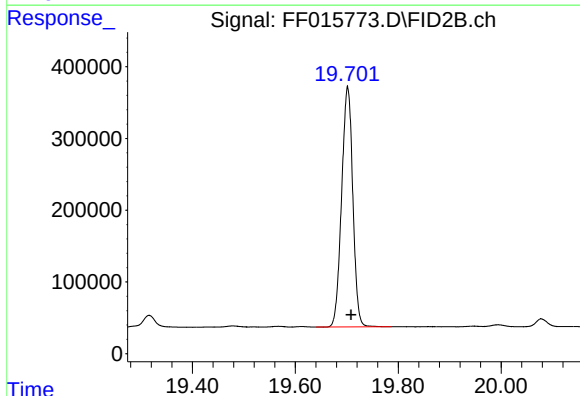
R.T.: 18.086 min  
Delta R.T.: -0.005 min  
Response: 6304664  
Conc: 51.06 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



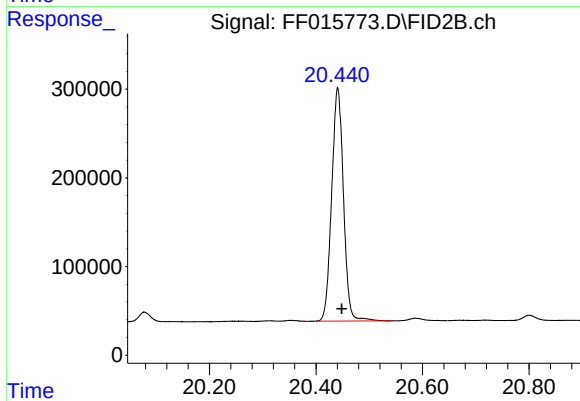
#14 N-DOTRIACONTANE

R.T.: 18.918 min  
Delta R.T.: -0.005 min  
Response: 6026742  
Conc: 51.00 ug/ml



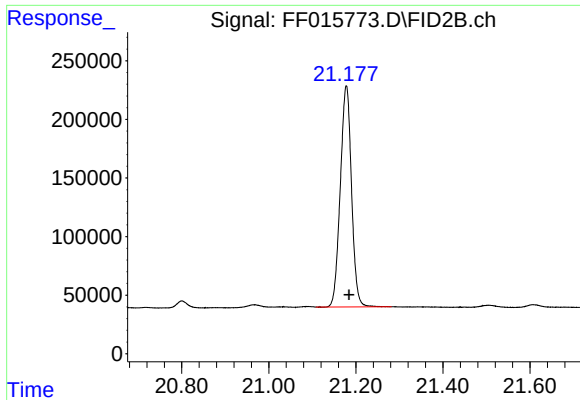
#15 N-TETRATRIACONTANE

R.T.: 19.702 min  
Delta R.T.: -0.006 min  
Response: 5046448  
Conc: 48.44 ug/ml



#16 N-HEXATRIACONTANE

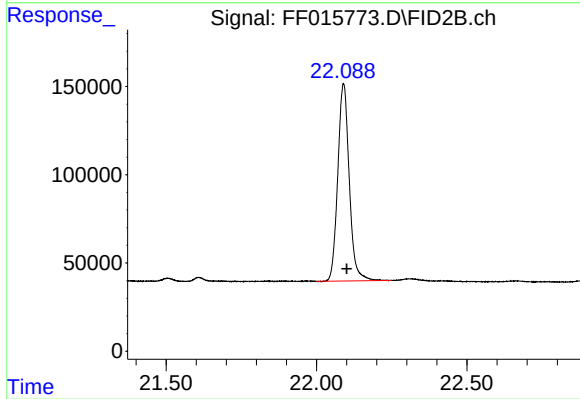
R.T.: 20.441 min  
Delta R.T.: -0.008 min  
Response: 4043876  
Conc: 46.19 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.178 min  
Delta R.T.: -0.006 min  
Response: 3371318  
Conc: 47.73 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.089 min  
Delta R.T.: -0.011 min  
Response: 2965474  
Conc: 48.33 ug/ml