

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF102424\  
 Data File : FF014757.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Oct 2024 12:59  
 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: Oct 25 04:36:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF102124.M  
 Quant Title :  
 QLast Update : Tue Oct 22 08:35:55 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... | 15.014 | 6697885  | 50.895 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.045  | 6851461  | 49.244 ug/ml |
| 2) N-DECANE                   | 4.571  | 7407274  | 51.852 ug/ml |
| 3) N-DODECANE                 | 6.735  | 7497124  | 51.663 ug/ml |
| 4) N-TETRADECANE              | 8.560  | 7529901  | 51.369 ug/ml |
| 5) N-HEXADECANE               | 10.166 | 7544750  | 51.342 ug/ml |
| 6) N-OCTADECANE               | 11.608 | 7654653  | 50.987 ug/ml |
| 7) N-EICOSANE                 | 12.917 | 7704655  | 50.788 ug/ml |
| 8) N-DOCOSANE                 | 14.114 | 7443920  | 50.587 ug/ml |
| 10) N-TETRACOSANE             | 15.218 | 7409114  | 50.413 ug/ml |
| 11) N-HEXACOSANE              | 16.238 | 7318384  | 50.105 ug/ml |
| 12) N-OCTACOSANE              | 17.187 | 7262447  | 50.262 ug/ml |
| 13) N-TRIACONTANE             | 18.075 | 7396473  | 50.526 ug/ml |
| 14) N-DOTRIACONTANE           | 18.906 | 7285870  | 50.644 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.689 | 6890008  | 50.239 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.428 | 6352582  | 48.968 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.162 | 5773675  | 50.199 ug/ml |
| 18) N-TETRACONTANE            | 22.069 | 5378380  | 51.225 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

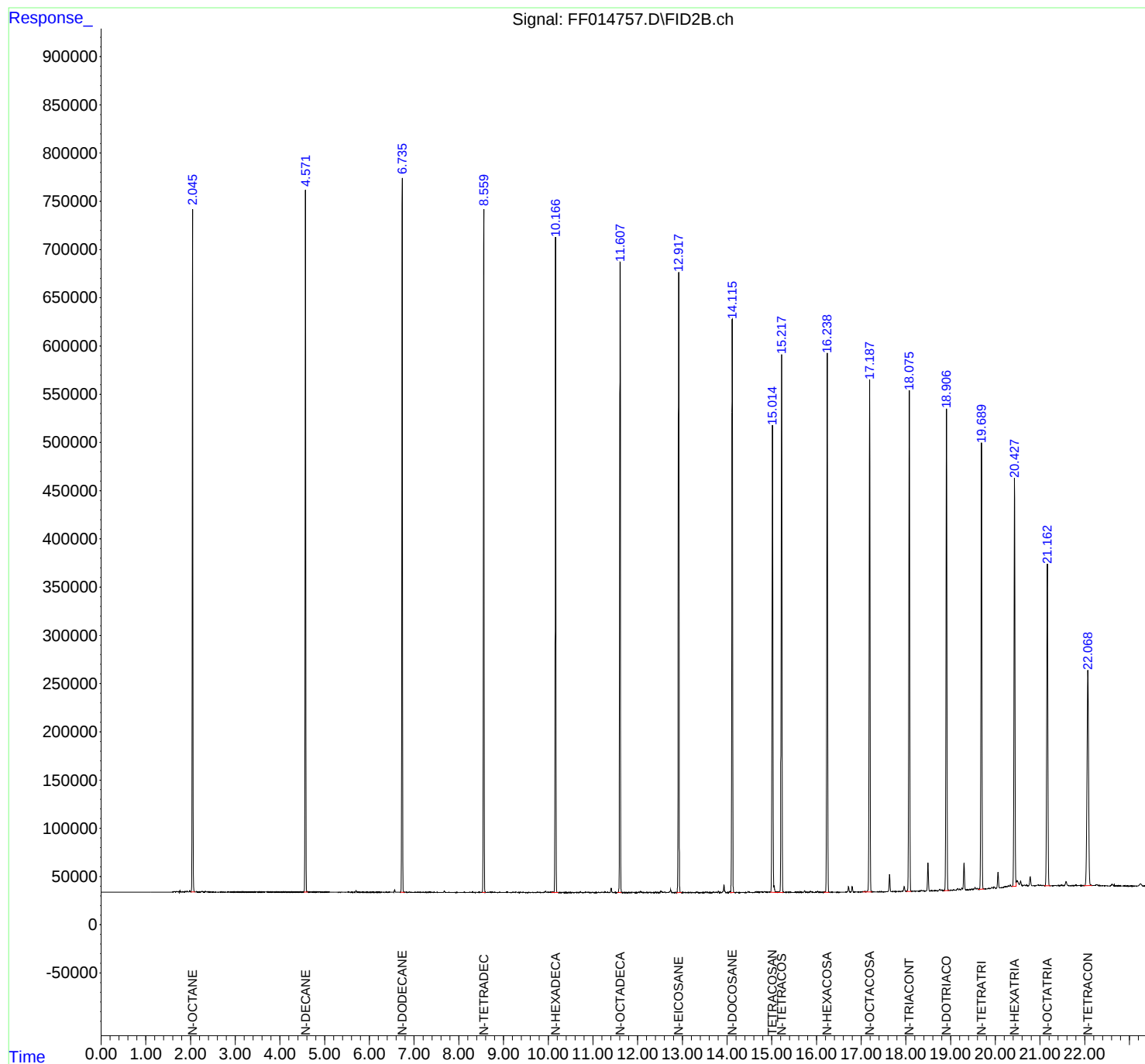
(m)=manual int.

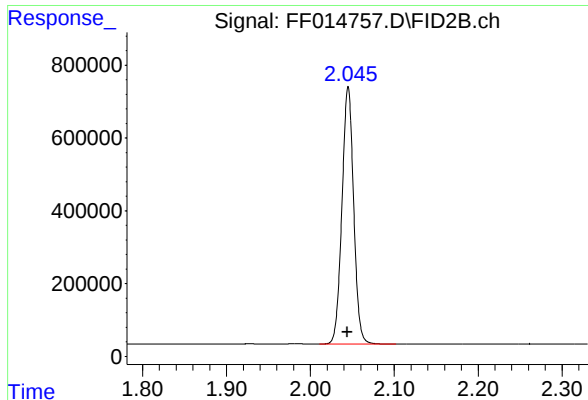
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Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

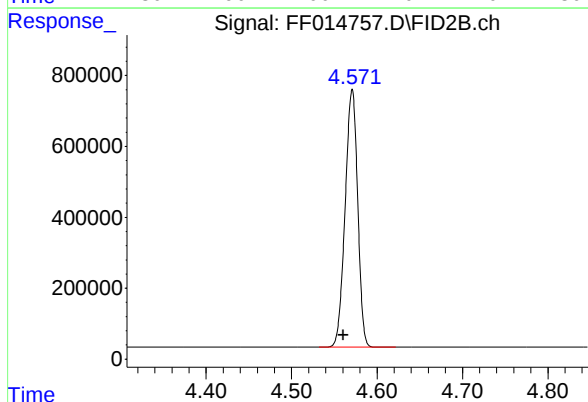




#1 N-OCTANE

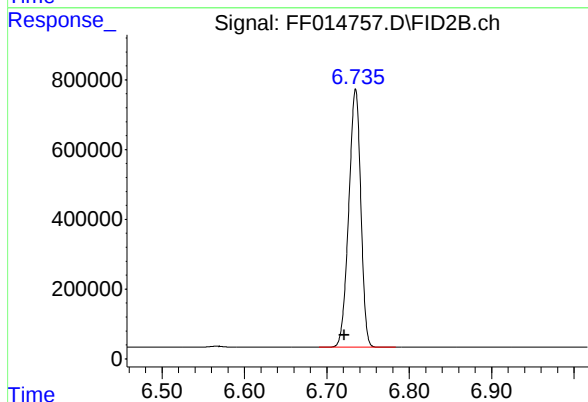
R.T.: 2.045 min  
Delta R.T.: 0.001 min  
Response: 6851461  
Conc: 49.24 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



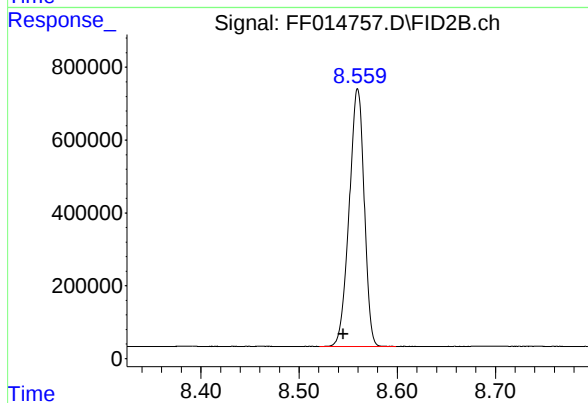
#2 N-DECANE

R.T.: 4.571 min  
Delta R.T.: 0.010 min  
Response: 7407274  
Conc: 51.85 ug/ml



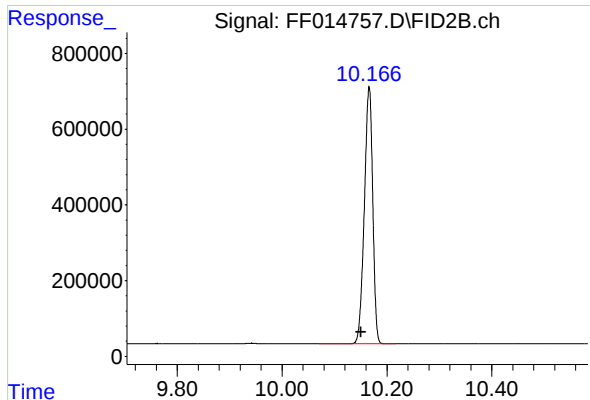
#3 N-DODECANE

R.T.: 6.735 min  
Delta R.T.: 0.013 min  
Response: 7497124  
Conc: 51.66 ug/ml



#4 N-TETRADECANE

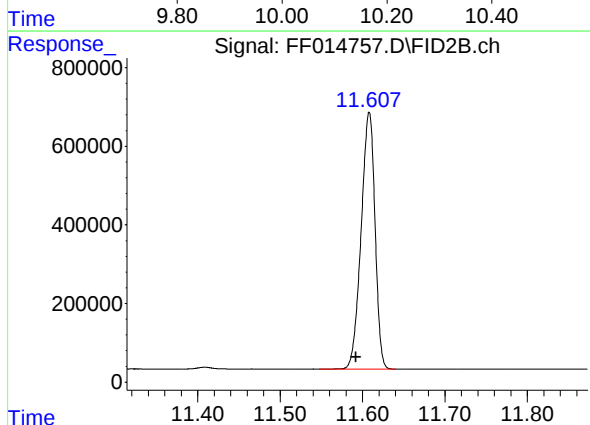
R.T.: 8.560 min  
Delta R.T.: 0.015 min  
Response: 7529901  
Conc: 51.37 ug/ml



#5 N-HEXADECANE

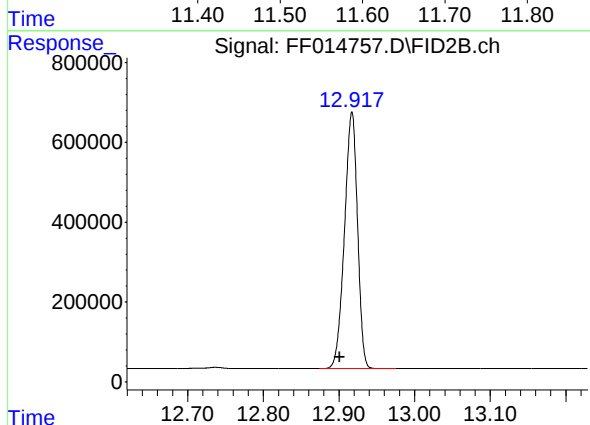
R.T.: 10.166 min  
Delta R.T.: 0.015 min  
Response: 7544750  
Conc: 51.34 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



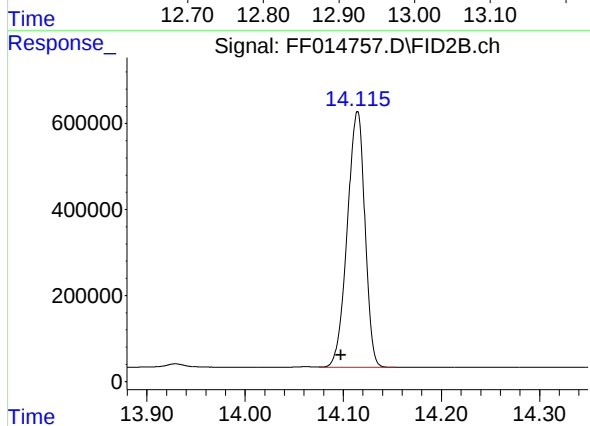
#6 N-OCTADECANE

R.T.: 11.608 min  
Delta R.T.: 0.016 min  
Response: 7654653  
Conc: 50.99 ug/ml



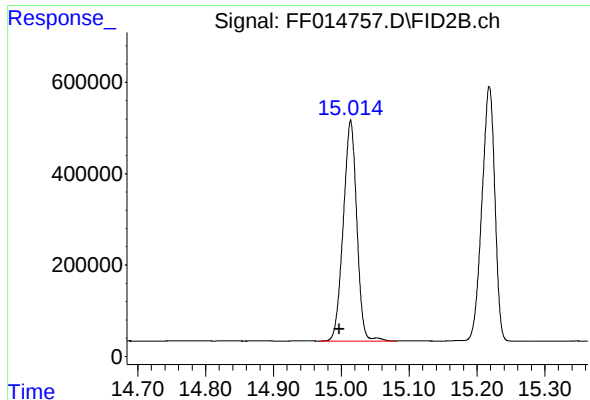
#7 N-EICOSANE

R.T.: 12.917 min  
Delta R.T.: 0.016 min  
Response: 7704655  
Conc: 50.79 ug/ml



#8 N-DOCOSANE

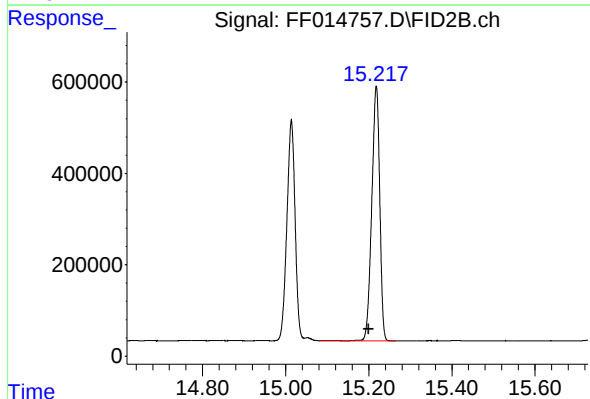
R.T.: 14.114 min  
Delta R.T.: 0.017 min  
Response: 7443920  
Conc: 50.59 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

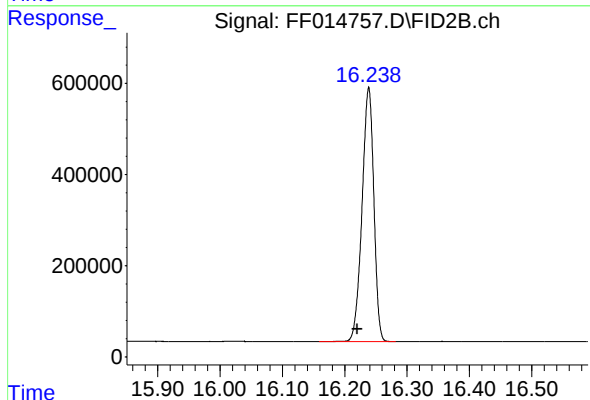
R.T.: 15.014 min  
Delta R.T.: 0.017 min  
Response: 6697885  
Conc: 50.89 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



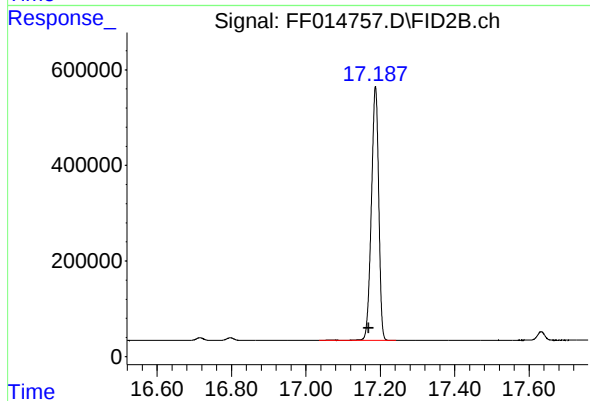
#10 N-TETRACOSANE

R.T.: 15.218 min  
Delta R.T.: 0.018 min  
Response: 7409114  
Conc: 50.41 ug/ml



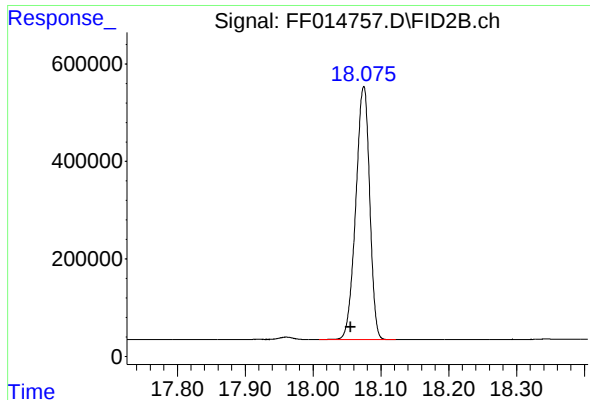
#11 N-HEXACOSANE

R.T.: 16.238 min  
Delta R.T.: 0.019 min  
Response: 7318384  
Conc: 50.10 ug/ml



#12 N-OCTACOSANE

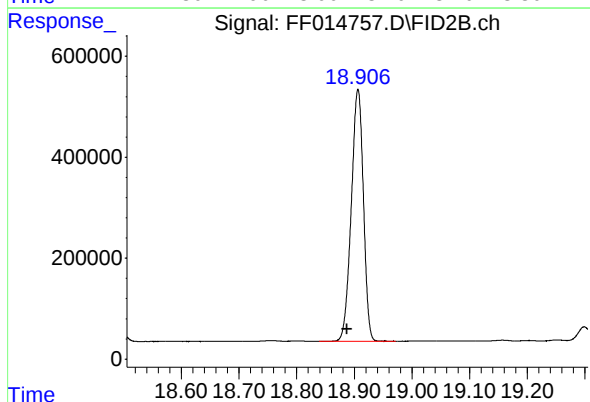
R.T.: 17.187 min  
Delta R.T.: 0.018 min  
Response: 7262447  
Conc: 50.26 ug/ml



#13 N-TRIACONTANE

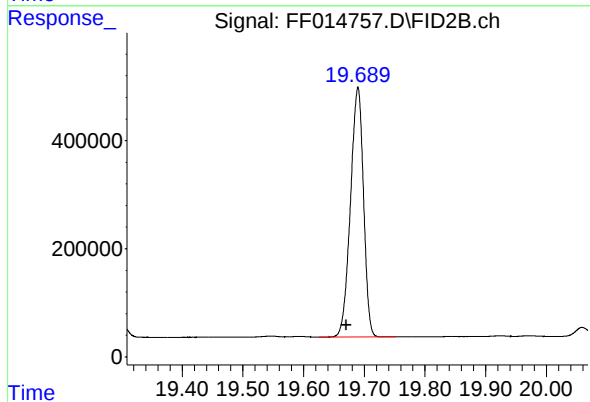
R.T.: 18.075 min  
Delta R.T.: 0.019 min  
Response: 7396473  
Conc: 50.53 ug/ml

Instrument : FID\_F  
ClientSampleId :



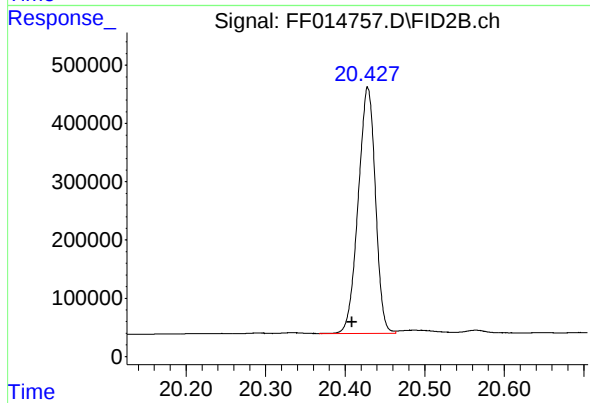
#14 N-DOTRIACONTANE

R.T.: 18.906 min  
Delta R.T.: 0.019 min  
Response: 7285870  
Conc: 50.64 ug/ml



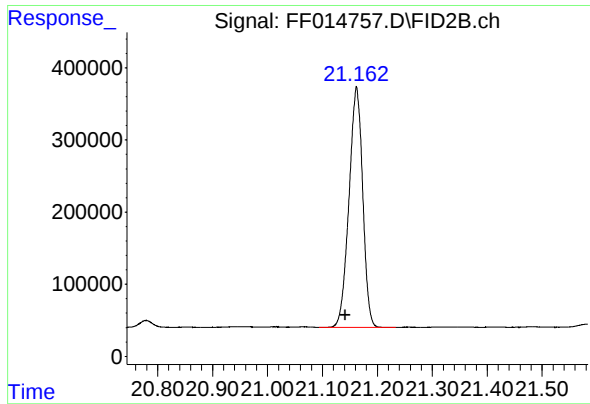
#15 N-TETRATRIACONTANE

R.T.: 19.689 min  
Delta R.T.: 0.019 min  
Response: 6890008  
Conc: 50.24 ug/ml



#16 N-HEXATRIACONTANE

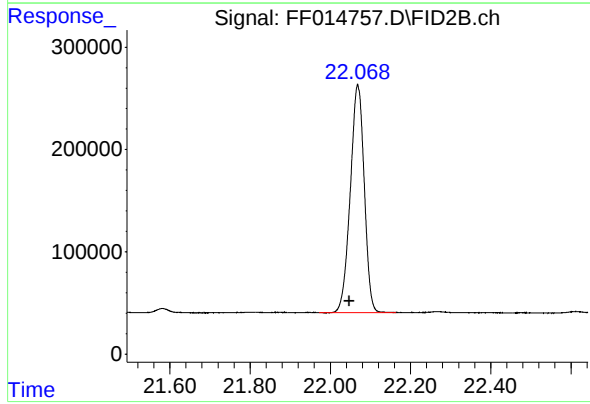
R.T.: 20.428 min  
Delta R.T.: 0.020 min  
Response: 6352582  
Conc: 48.97 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.162 min  
Delta R.T.: 0.020 min  
Response: 5773675  
Conc: 50.20 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.069 min  
Delta R.T.: 0.021 min  
Response: 5378380  
Conc: 51.23 ug/ml