

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF070225\  
 Data File : FF016082.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Jul 2025 22:35  
 Operator : YP\AJ  
 Sample : Q2458-04MSD  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 TP-67MSD

Integration File: autoint1.e  
 Quant Time: Jul 03 03:23:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF061325.M  
 Quant Title :  
 QLast Update : Fri Jun 13 15:23:30 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... | 15.095 | 869787   | 7.204 ug/ml  |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.078  | 1468506  | 11.573 ug/ml |
| 2) N-DECANE                   | 4.617  | 1652035  | 12.609 ug/ml |
| 3) N-DODECANE                 | 6.793  | 1655067  | 12.429 ug/ml |
| 4) N-TETRADECANE              | 8.626  | 1662370  | 12.404 ug/ml |
| 5) N-HEXADECANE               | 10.235 | 1638345  | 12.131 ug/ml |
| 6) N-OCTADECANE               | 11.681 | 1657295  | 11.955 ug/ml |
| 7) N-EICOSANE                 | 12.993 | 1684346  | 12.062 ug/ml |
| 8) N-DOCOSANE                 | 14.195 | 1628317  | 11.985 ug/ml |
| 10) N-TETRACOSANE             | 15.300 | 1664765  | 12.283 ug/ml |
| 11) N-HEXACOSANE              | 16.324 | 1593028  | 11.867 ug/ml |
| 12) N-OCTACOSANE              | 17.276 | 1604280  | 12.152 ug/ml |
| 13) N-TRIACONTANE             | 18.167 | 1579592  | 11.961 ug/ml |
| 14) N-DOTRIACONTANE           | 19.001 | 1583174  | 12.444 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.788 | 1232709  | 11.023 ug/ml |
| 16) N-HEXATRIACONTANE         | 20.530 | 1081282  | 11.565 ug/ml |
| 17) N-OCTATRIACONTANE         | 21.295 | 880225   | 10.840 ug/ml |
| 18) N-TETRACONTANE            | 22.254 | 799317   | 11.398 ug/ml |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

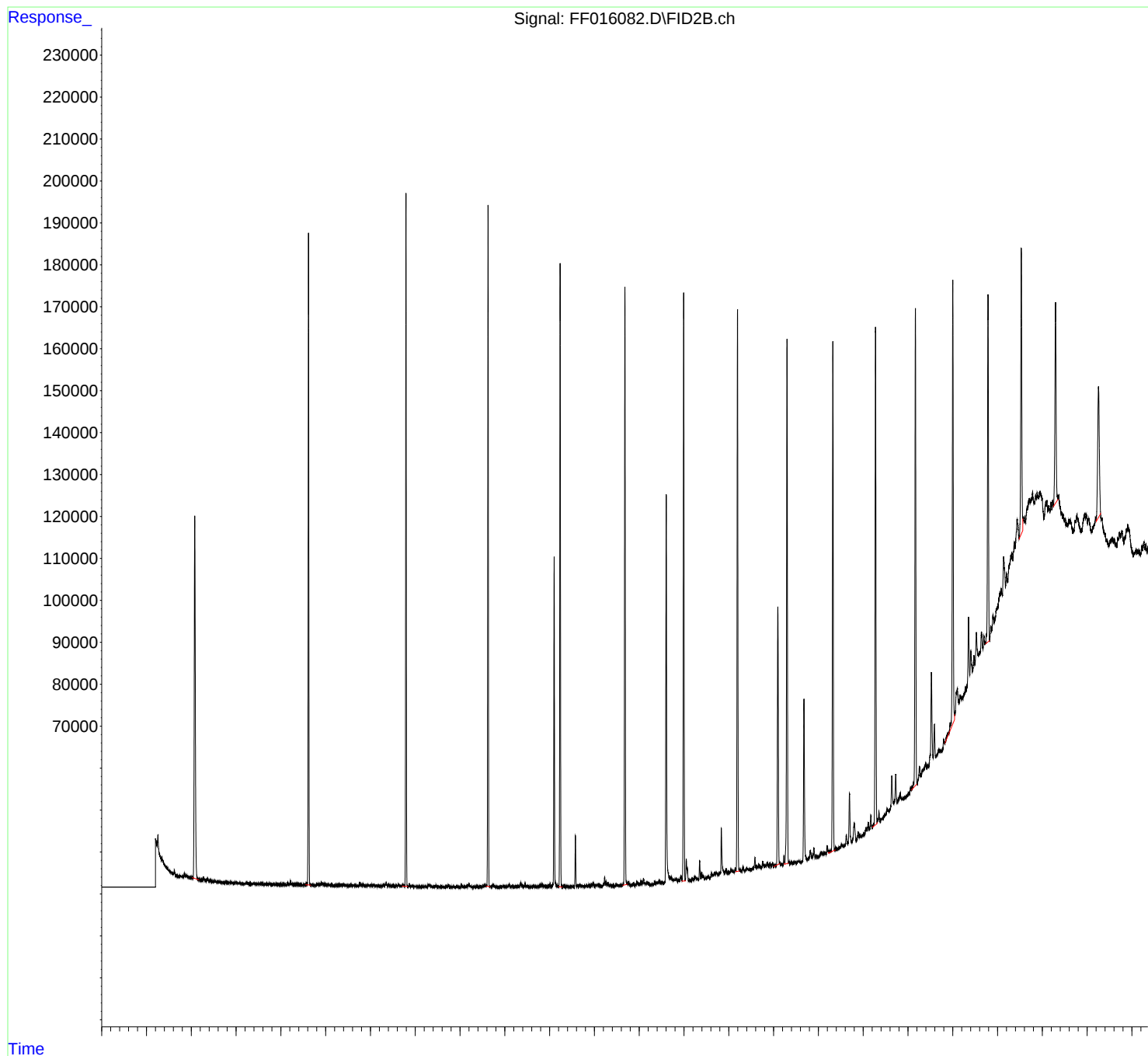
(m)=manual int.

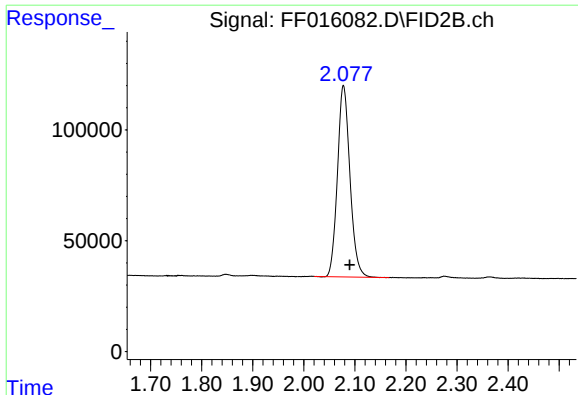
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Quant Title :  
QLast Update : Fri Jun 13 15:23:30 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

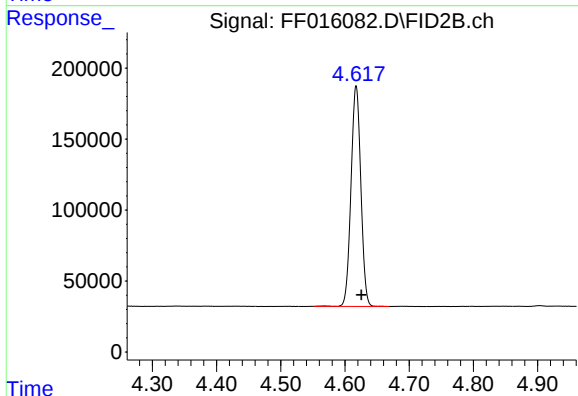




#1 N-OCTANE

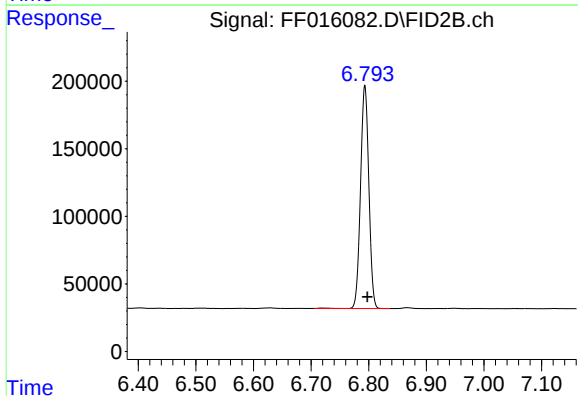
R.T.: 2.078 min  
Delta R.T.: -0.012 min  
Response: 1468506  
Conc: 11.57 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
TP-67MSD



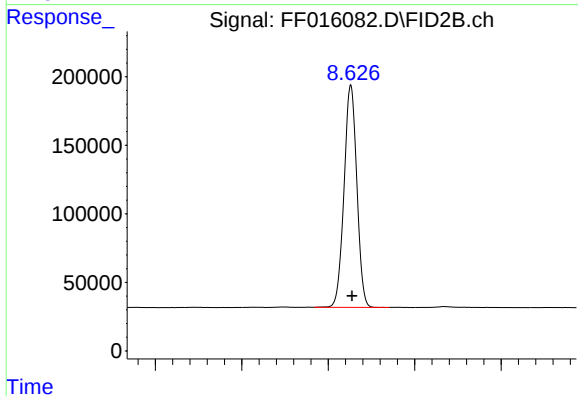
#2 N-DECANE

R.T.: 4.617 min  
Delta R.T.: -0.008 min  
Response: 1652035  
Conc: 12.61 ug/ml



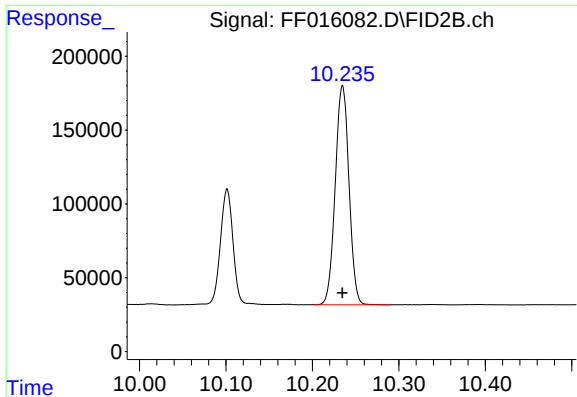
#3 N-DODECANE

R.T.: 6.793 min  
Delta R.T.: -0.004 min  
Response: 1655067  
Conc: 12.43 ug/ml



#4 N-TETRADECANE

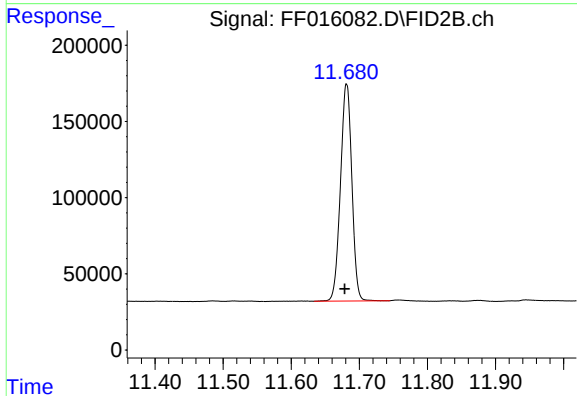
R.T.: 8.626 min  
Delta R.T.: -0.001 min  
Response: 1662370  
Conc: 12.40 ug/ml



#5 N-HEXADECANE

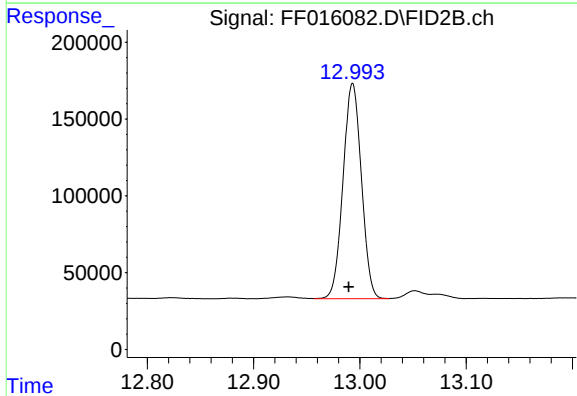
R.T.: 10.235 min  
Delta R.T.: 0.000 min  
Response: 1638345  
Conc: 12.13 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
TP-67MSD



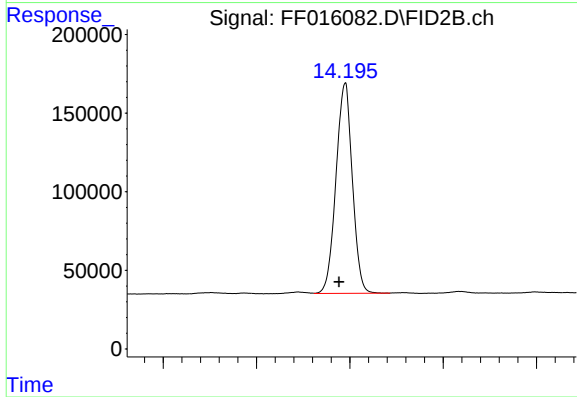
#6 N-OCTADECANE

R.T.: 11.681 min  
Delta R.T.: 0.003 min  
Response: 1657295  
Conc: 11.95 ug/ml



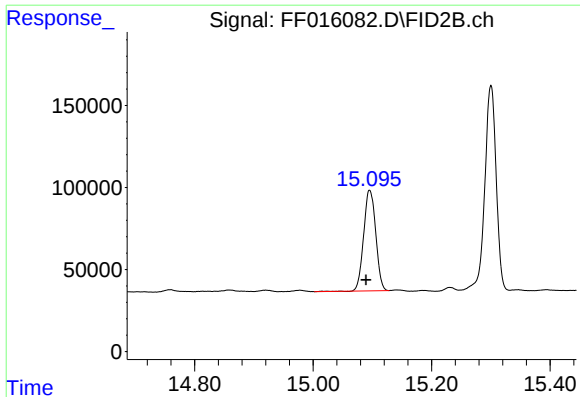
#7 N-EICOSANE

R.T.: 12.993 min  
Delta R.T.: 0.004 min  
Response: 1684346  
Conc: 12.06 ug/ml



#8 N-DOCOSANE

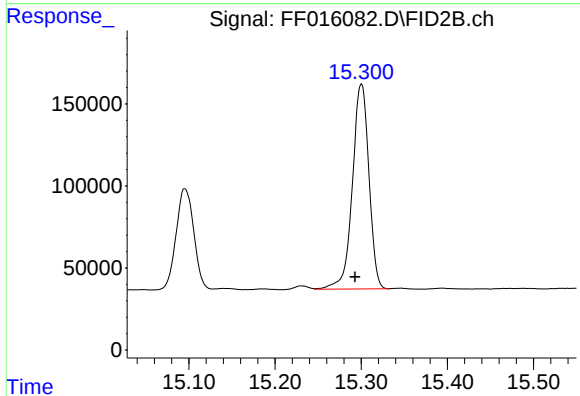
R.T.: 14.195 min  
Delta R.T.: 0.007 min  
Response: 1628317  
Conc: 11.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

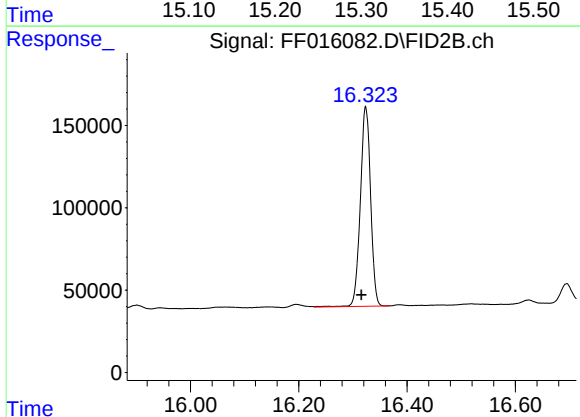
R.T.: 15.095 min  
Delta R.T.: 0.006 min  
Response: 869787  
Conc: 7.20 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
TP-67MSD



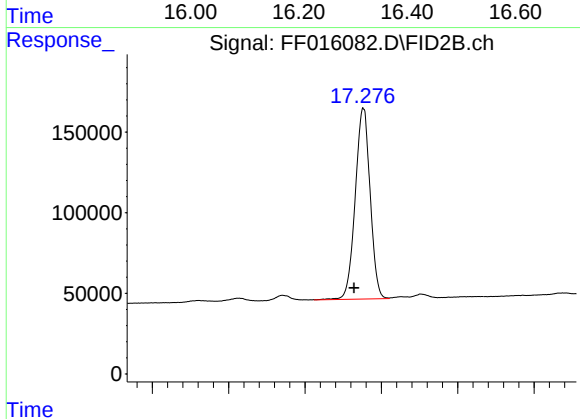
#10 N-TETRACOSANE

R.T.: 15.300 min  
Delta R.T.: 0.007 min  
Response: 1664765  
Conc: 12.28 ug/ml



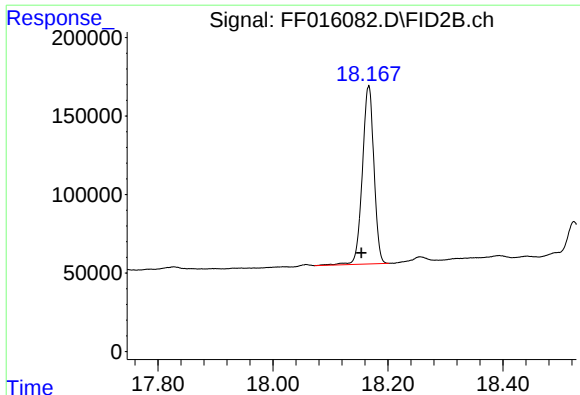
#11 N-HEXACOSANE

R.T.: 16.324 min  
Delta R.T.: 0.008 min  
Response: 1593028  
Conc: 11.87 ug/ml



#12 N-OCTACOSANE

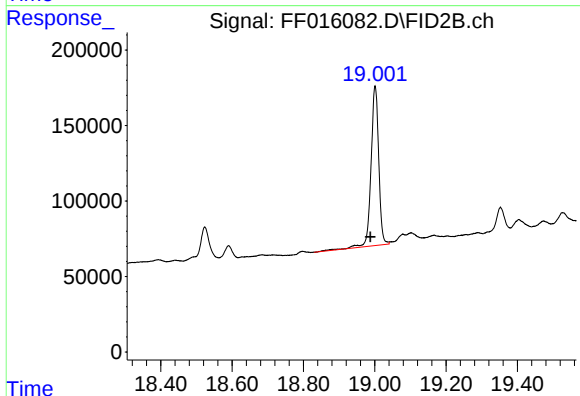
R.T.: 17.276 min  
Delta R.T.: 0.012 min  
Response: 1604280  
Conc: 12.15 ug/ml



#13 N-TRIACONTANE

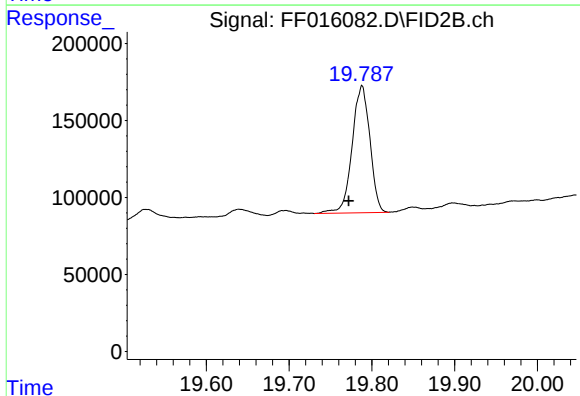
R.T.: 18.167 min  
Delta R.T.: 0.013 min  
Response: 1579592  
Conc: 11.96 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
TP-67MSD



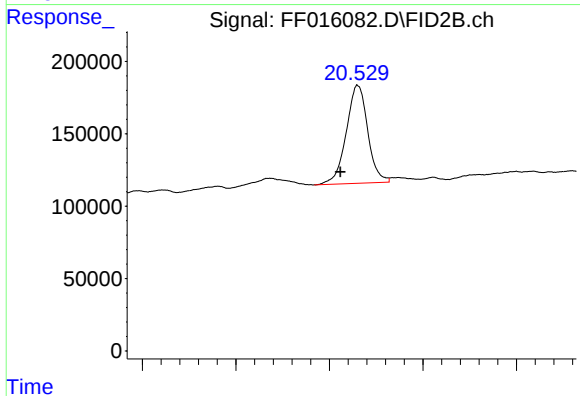
#14 N-DOTRIACONTANE

R.T.: 19.001 min  
Delta R.T.: 0.014 min  
Response: 1583174  
Conc: 12.44 ug/ml



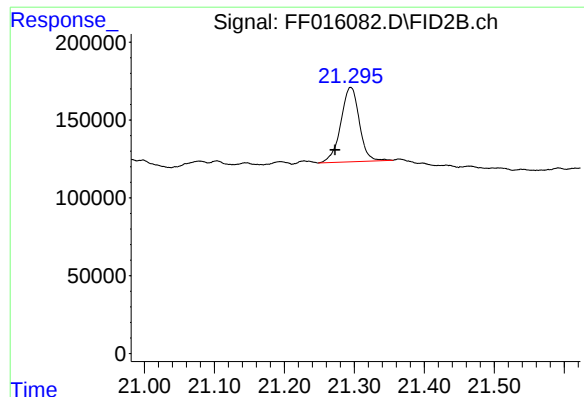
#15 N-TETRATRIACONTANE

R.T.: 19.788 min  
Delta R.T.: 0.016 min  
Response: 1232709  
Conc: 11.02 ug/ml



#16 N-HEXATRIACONTANE

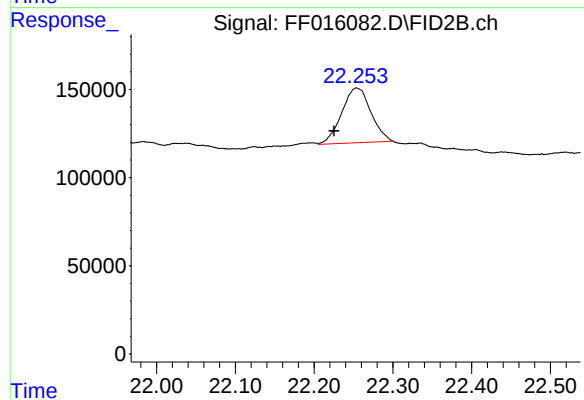
R.T.: 20.530 min  
Delta R.T.: 0.018 min  
Response: 1081282  
Conc: 11.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.295 min  
Delta R.T.: 0.023 min  
Response: 880225  
Conc: 10.84 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
TP-67MSD



#18 N-TETRACONTANE

R.T.: 22.254 min  
Delta R.T.: 0.029 min  
Response: 799317  
Conc: 11.40 ug/ml