

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092622AL\  
 Data File : FE037800.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Sep 2022 23:32  
 Operator : YP\AJ  
 Sample : N4809-06  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 TP2-0923-EPH-2

Integration File: autoint1.e  
 Quant Time: Sep 27 01:32:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 30 06:54:11 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.660 | 2038907    | 12.065 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 24.13%       |
| 12) S 1-chlorooctadecane (S... | 13.089 | 1041028    | 8.089 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 16.18%       |
| Target Compounds               |        |            |              |
| 6) T n-Tetradecane (C14)       | 9.910  | 1306638    | 8.246 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.910  | 1306638    | 8.246 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.302 | 2685467    | 16.864 ug/ml |
| 10) T n-Eicosane (C20)         | 12.603 | 1527143    | 9.652 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.257 | 1789471    | 11.348 ug/ml |
| 13) T n-Docosane (C22)         | 13.823 | 168378     | 1.082 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.906 | 367706     | 2.445 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.903 | 80989      | 0.559 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.895 | 104256     | 0.753 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.729 | 199008     | 1.463 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.607 | 23068      | 0.173 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.341 | 304995     | 2.411 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.078 | 189755     | 1.475 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.776 | 136087     | 1.093 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.550 | 183006     | 1.420 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

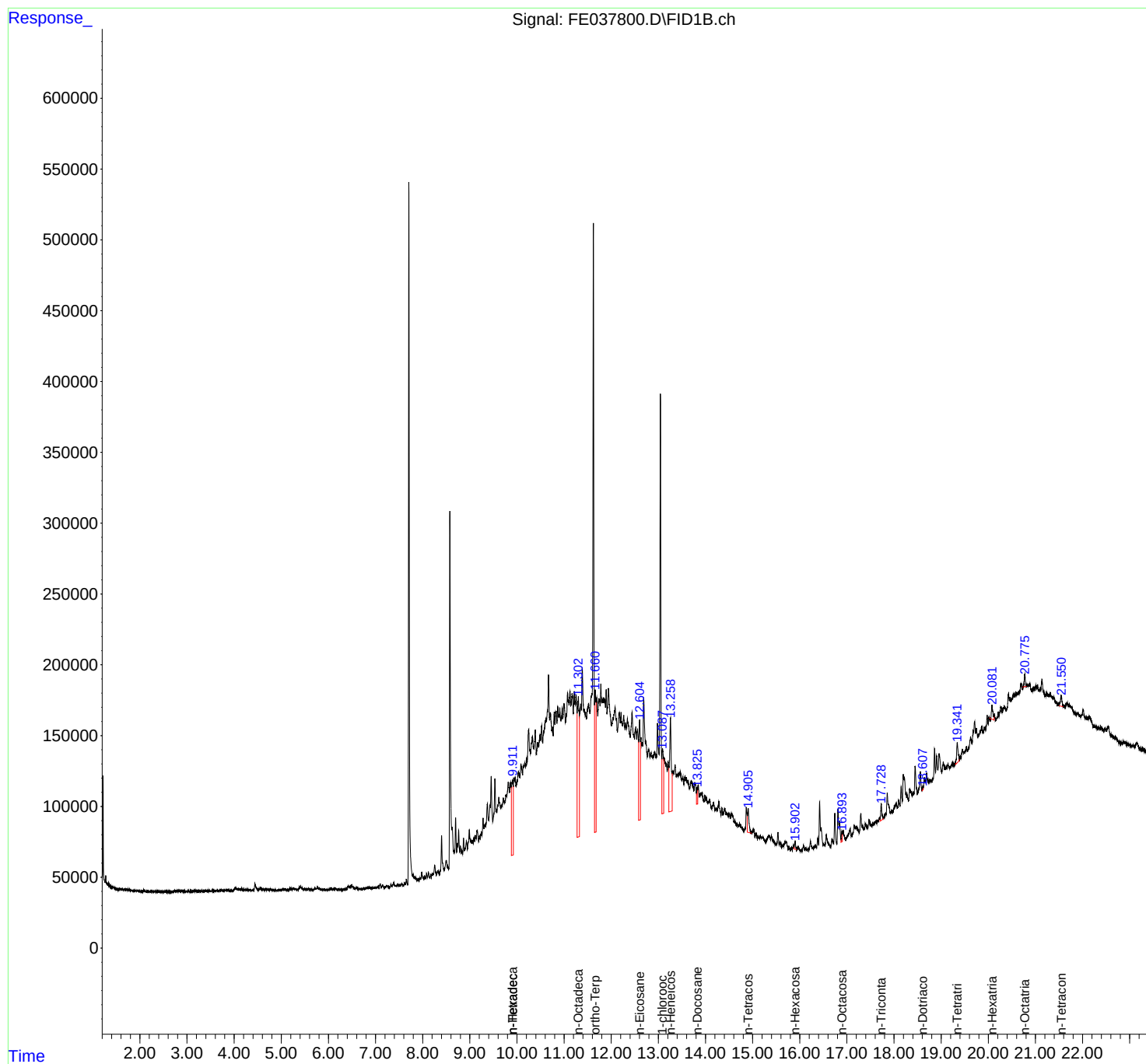
(m)=manual int.

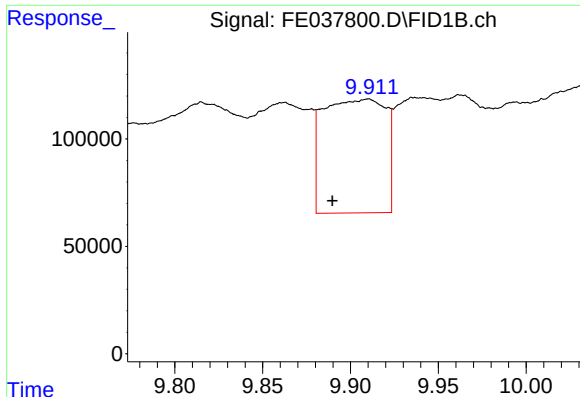
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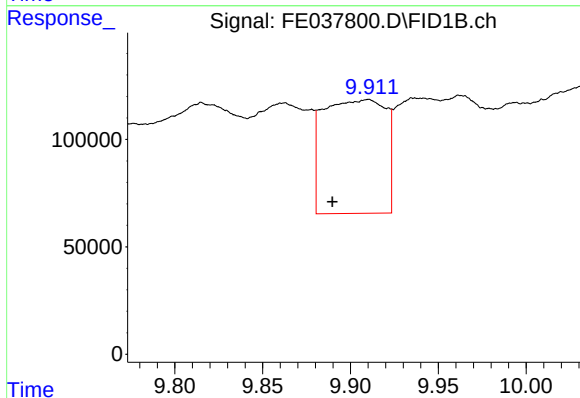




#6 n-Tetradecane (C14)

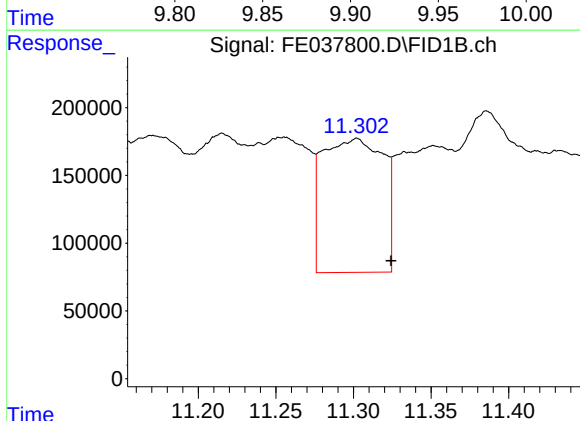
R.T.: 9.910 min  
Delta R.T.: 0.020 min  
Response: 1306638  
Conc: 8.25 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP2-0923-EPH-2



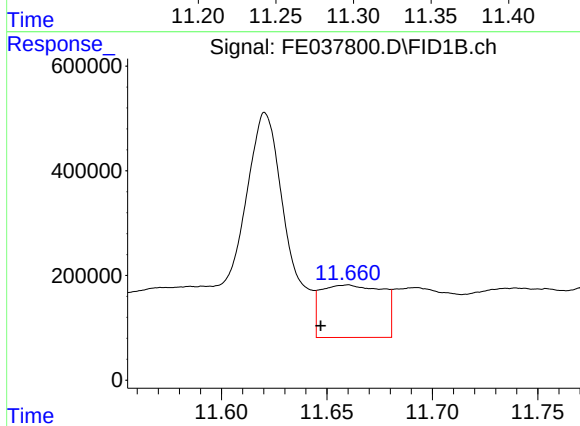
#7 n-Hexadecane (C16)

R.T.: 9.910 min  
Delta R.T.: 0.020 min  
Response: 1306638  
Conc: 8.25 ug/ml



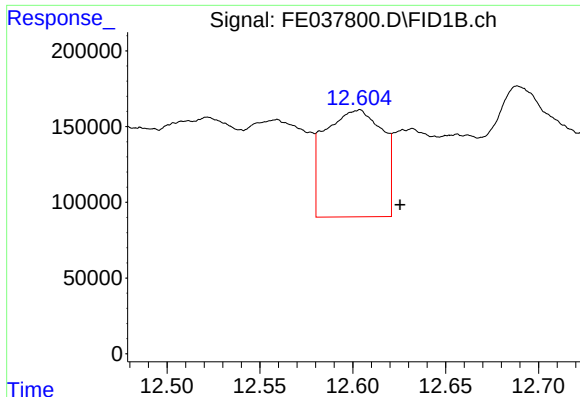
#8 n-Octadecane (C18)

R.T.: 11.302 min  
Delta R.T.: -0.022 min  
Response: 2685467  
Conc: 16.86 ug/ml



#9 ortho-Terphenyl (SURR)

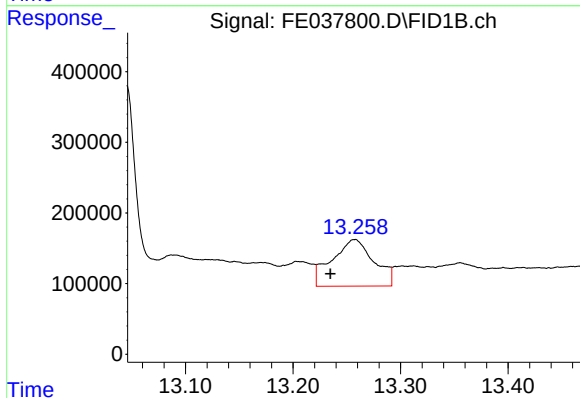
R.T.: 11.660 min  
Delta R.T.: 0.013 min  
Response: 2038907  
Conc: 12.07 ug/ml



#10 n-Eicosane (C20)

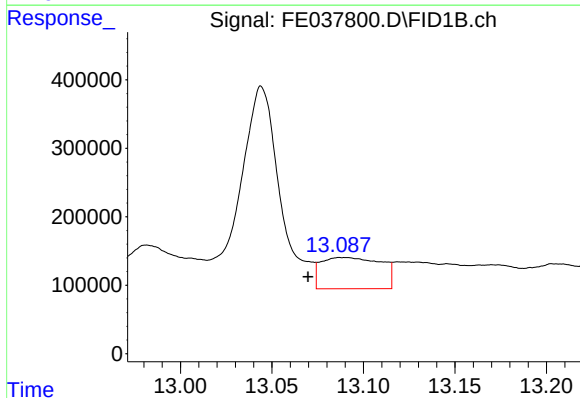
R.T.: 12.603 min  
Delta R.T.: -0.022 min  
Response: 1527143  
Conc: 9.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP2-0923-EPH-2



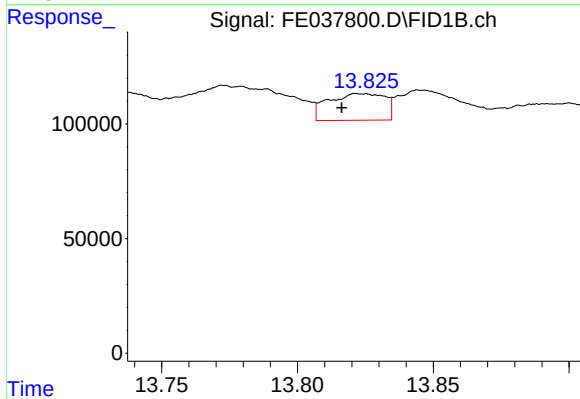
#11 n-Heneicosane (C21)

R.T.: 13.257 min  
Delta R.T.: 0.023 min  
Response: 1789471  
Conc: 11.35 ug/ml



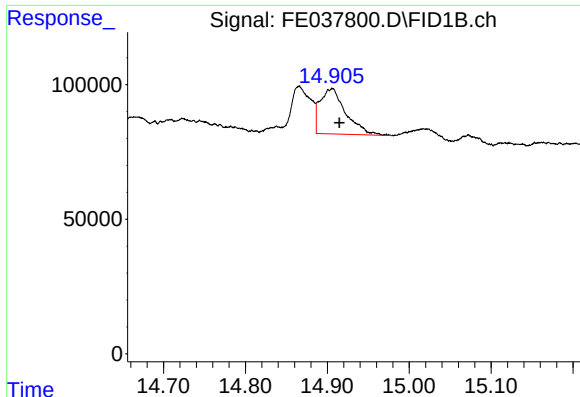
#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min  
Delta R.T.: 0.019 min  
Response: 1041028  
Conc: 8.09 ug/ml



#13 n-Docosane (C22)

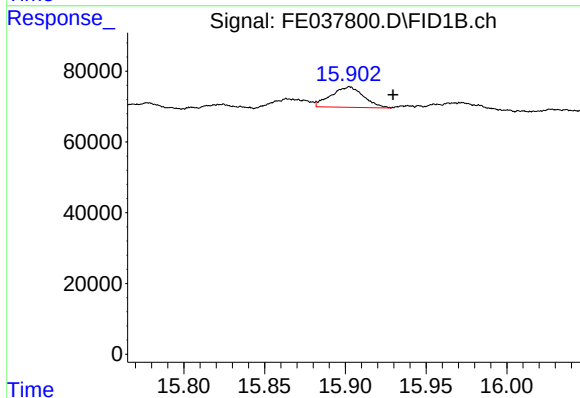
R.T.: 13.823 min  
Delta R.T.: 0.006 min  
Response: 168378  
Conc: 1.08 ug/ml



#14 n-Tetracosane (C24)

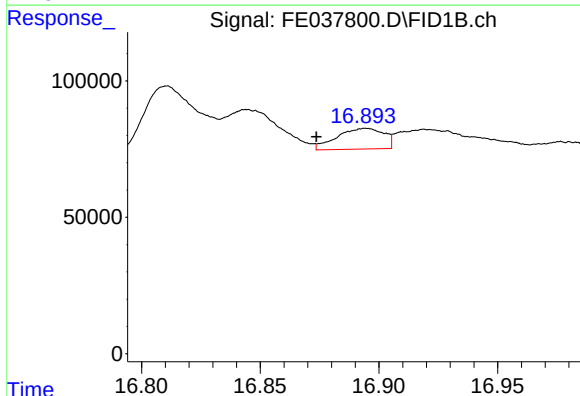
R.T.: 14.906 min  
Delta R.T.: -0.008 min  
Response: 367706  
Conc: 2.44 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP2-0923-EPH-2



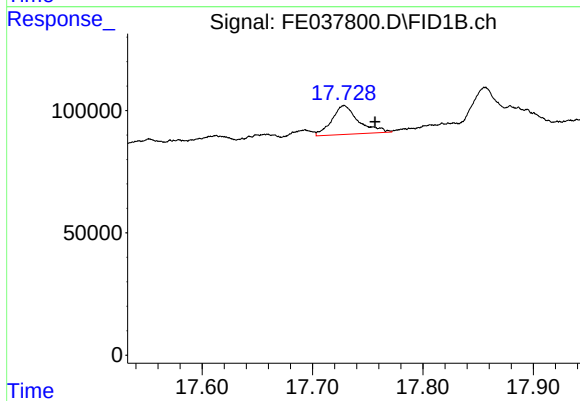
#15 n-Hexacosane (C26)

R.T.: 15.903 min  
Delta R.T.: -0.027 min  
Response: 80989  
Conc: 0.56 ug/ml



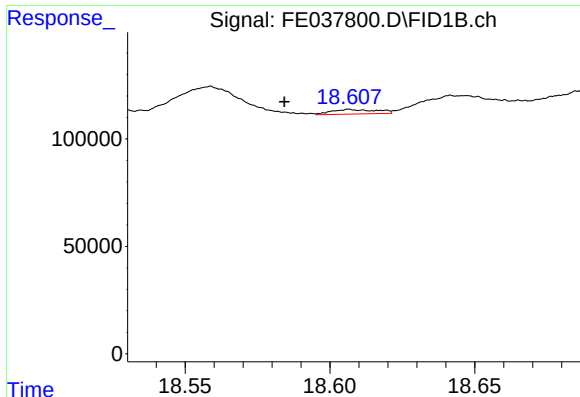
#16 n-Octacosane (C28)

R.T.: 16.895 min  
Delta R.T.: 0.021 min  
Response: 104256  
Conc: 0.75 ug/ml



#17 n-Tricontane (C30)

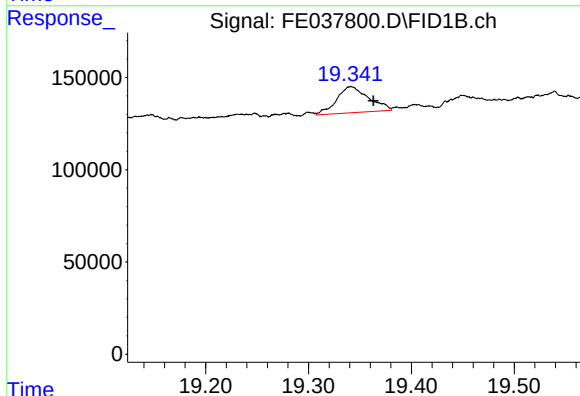
R.T.: 17.729 min  
Delta R.T.: -0.028 min  
Response: 199008  
Conc: 1.46 ug/ml



#18 n-Dotriacontane (C32)

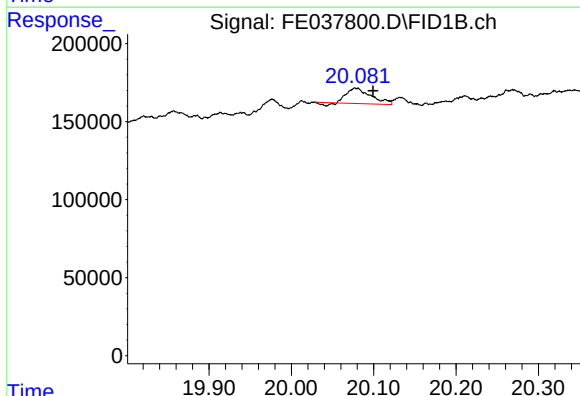
R.T.: 18.607 min  
Delta R.T.: 0.023 min  
Response: 23068  
Conc: 0.17 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP2-0923-EPH-2



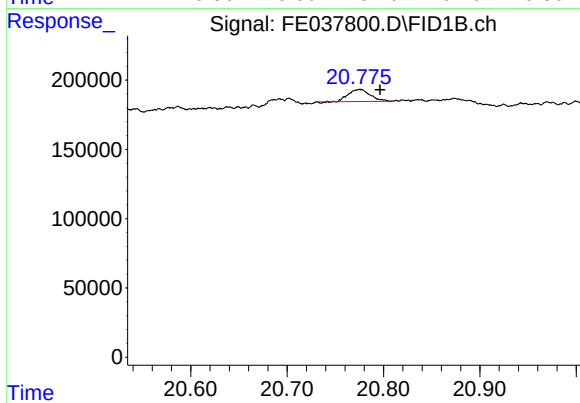
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min  
Delta R.T.: -0.022 min  
Response: 304995  
Conc: 2.41 ug/ml



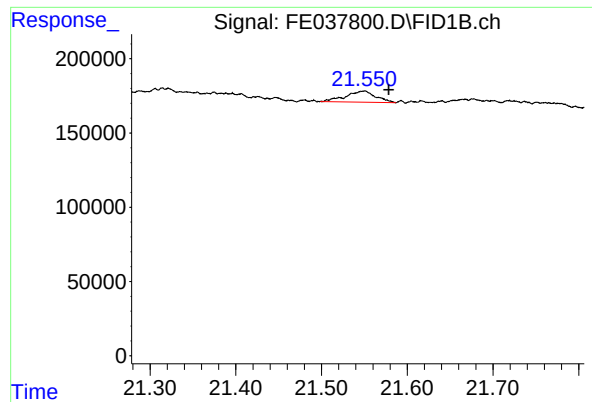
#20 n-Hexatriacontane (C36)

R.T.: 20.078 min  
Delta R.T.: -0.022 min  
Response: 189755  
Conc: 1.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.776 min  
Delta R.T.: -0.021 min  
Response: 136087  
Conc: 1.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.550 min  
Delta R.T.: -0.028 min  
Response: 183006  
Conc: 1.42 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
TP2-0923-EPH-2