

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091923AL\  
 Data File : FE044346.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Sep 2023 18:29  
 Operator : YP\AJ  
 Sample : 04479-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 20 01:41:08 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 083023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 31 03:37:37 2023  
 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)    | 11.931 | 6608252    | 34.881 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 69.76%       |
| 12) S 1-chlorooctadecane (S... | 13.370 | 5622352    | 40.698 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 81.40%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 5) T A~2-methylnaphthalene...  | 7.362  | 74252      | 0.433 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.557  | 96673      | 0.576 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.169 | 195341     | 1.130 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.610 | 167222     | 0.961 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.924 | 260030     | 1.572 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.545 | 186962     | 1.156 ug/ml  |
| 13) T n-Docosane (C22)         | 14.147 | 530748     | 3.322 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.202 | 1321669    | 8.452 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.254 | 314209     | 2.084 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.208 | 1693739    | 11.737 ug/ml |
| 17) T n-Tricontane (C30)       | 18.095 | 2920050    | 20.099 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.922 | 1959897    | 13.759 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.714 | 1058448    | 7.564 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.454 | 574351     | 4.189 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.214 | 2549800    | 18.368 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.126 | 98737      | 0.714 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

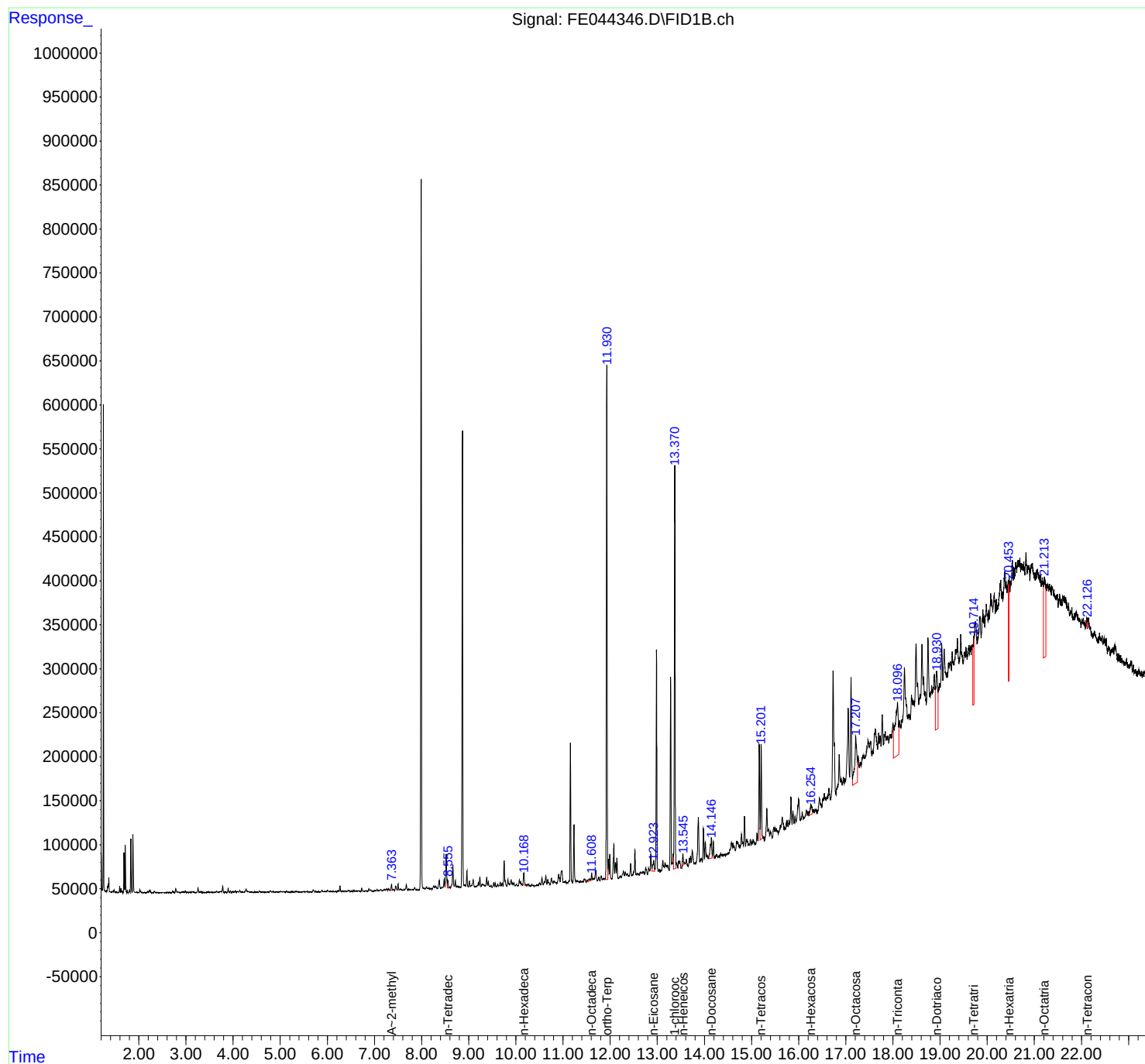
(m)=manual int.

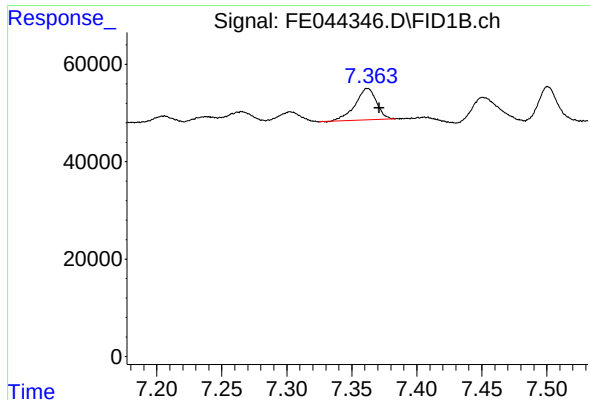
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

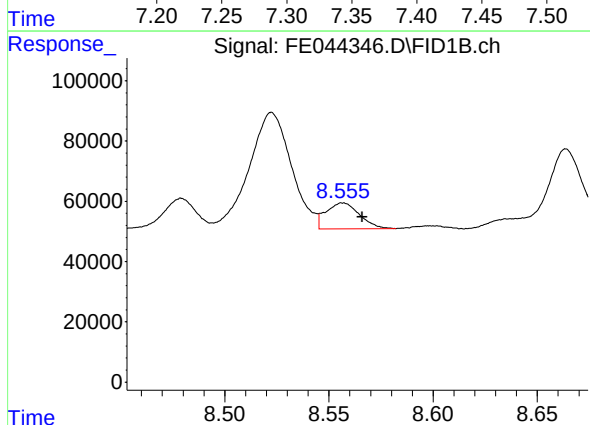




#5 A~2-methylnaphthalene (C12.89)

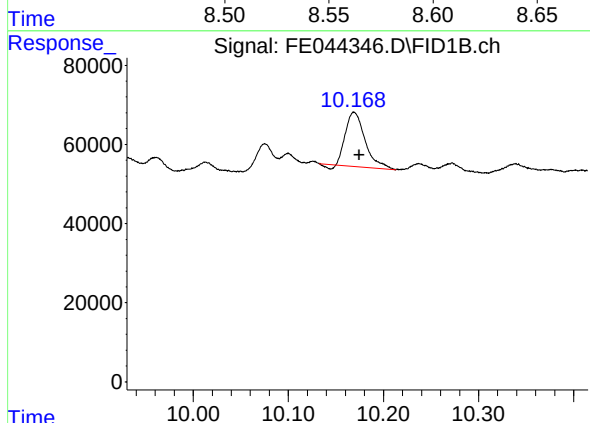
R.T.: 7.362 min  
Delta R.T.: -0.009 min  
Response: 74252  
Conc: 0.43 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



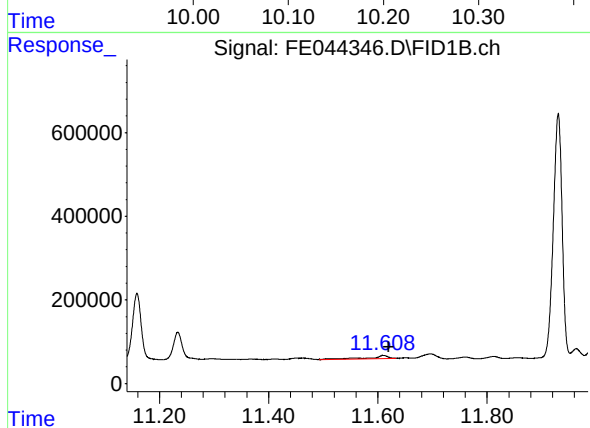
#6 n-Tetradecane (C14)

R.T.: 8.557 min  
Delta R.T.: -0.009 min  
Response: 96673  
Conc: 0.58 ug/ml



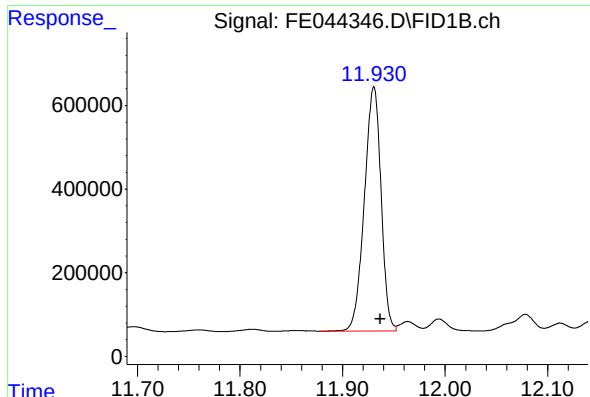
#7 n-Hexadecane (C16)

R.T.: 10.169 min  
Delta R.T.: -0.006 min  
Response: 195341  
Conc: 1.13 ug/ml



#8 n-Octadecane (C18)

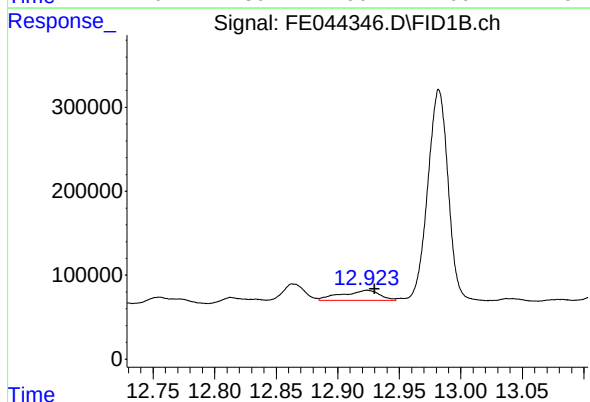
R.T.: 11.610 min  
Delta R.T.: -0.009 min  
Response: 167222  
Conc: 0.96 ug/ml



#9 ortho-Terphenyl (SURR)

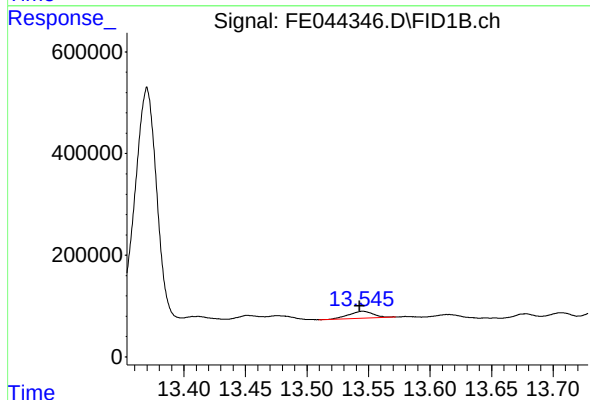
R.T.: 11.931 min  
Delta R.T.: -0.006 min  
Response: 6608252  
Conc: 34.88 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



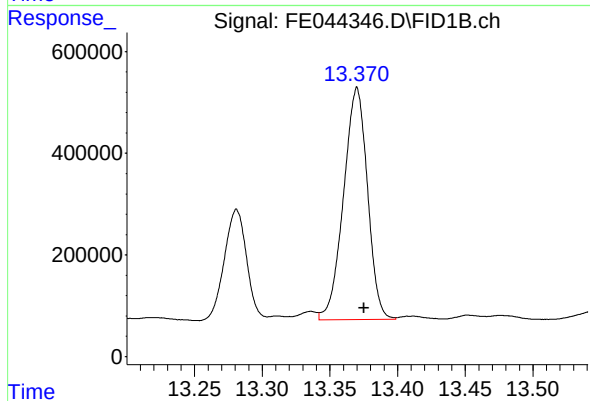
#10 n-Eicosane (C20)

R.T.: 12.924 min  
Delta R.T.: -0.006 min  
Response: 260030  
Conc: 1.57 ug/ml



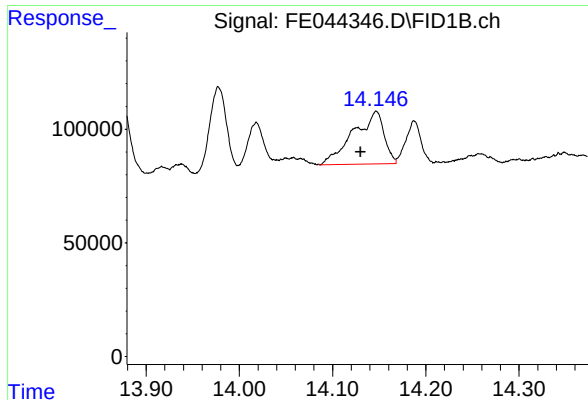
#11 n-Heneicosane (C21)

R.T.: 13.545 min  
Delta R.T.: 0.003 min  
Response: 186962  
Conc: 1.16 ug/ml



#12 1-chlorooctadecane (SURR)

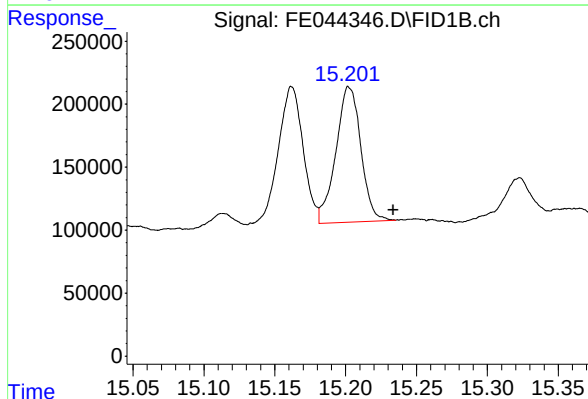
R.T.: 13.370 min  
Delta R.T.: -0.005 min  
Response: 5622352  
Conc: 40.70 ug/ml



#13 n-Docosane (C22)

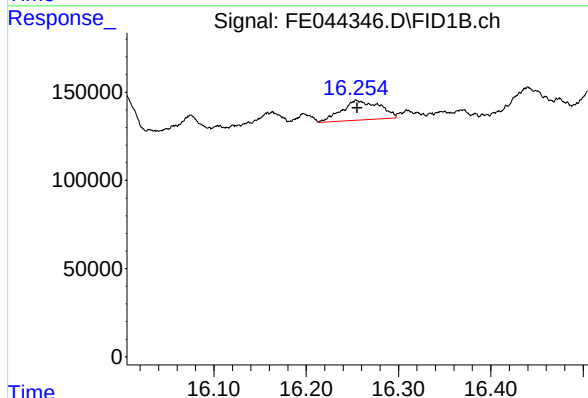
R.T.: 14.147 min  
Delta R.T.: 0.017 min  
Response: 530748  
Conc: 3.32 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



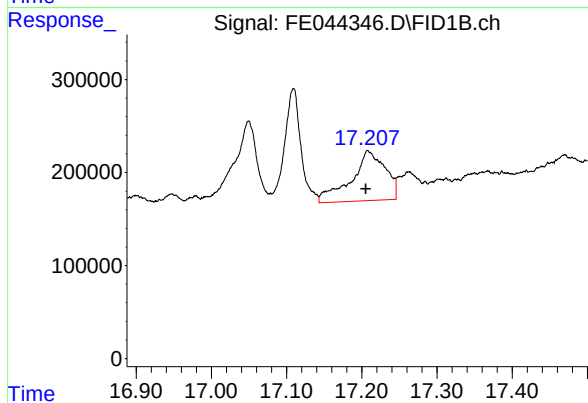
#14 n-Tetracosane (C24)

R.T.: 15.202 min  
Delta R.T.: -0.031 min  
Response: 1321669  
Conc: 8.45 ug/ml



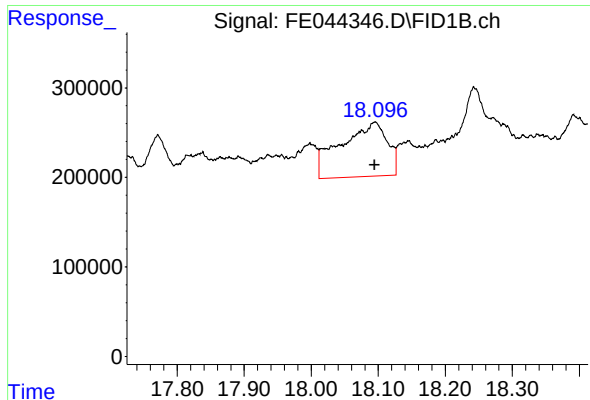
#15 n-Hexacosane (C26)

R.T.: 16.254 min  
Delta R.T.: -0.001 min  
Response: 314209  
Conc: 2.08 ug/ml



#16 n-Octacosane (C28)

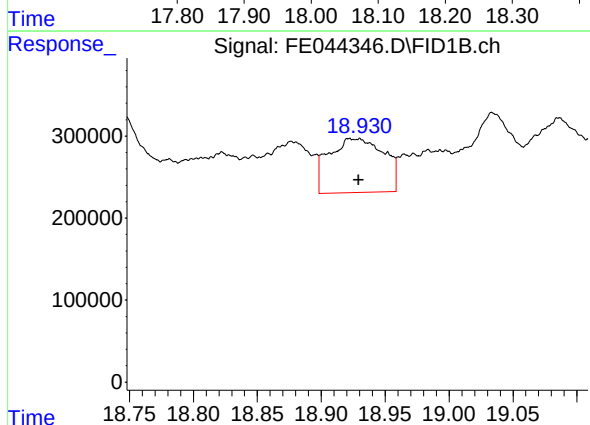
R.T.: 17.208 min  
Delta R.T.: 0.002 min  
Response: 1693739  
Conc: 11.74 ug/ml



#17 n-Tricontane (C30)

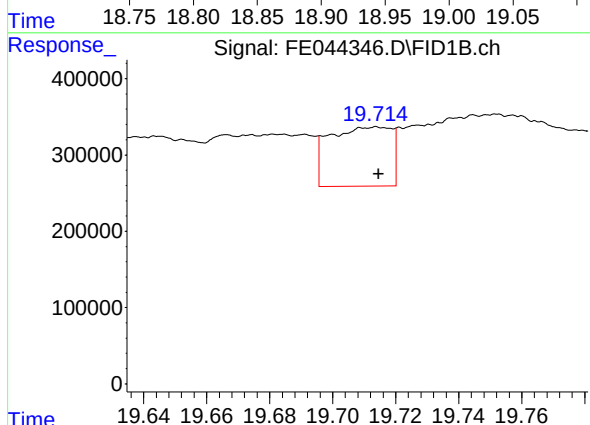
R.T.: 18.095 min  
Delta R.T.: 0.000 min  
Response: 2920050  
Conc: 20.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



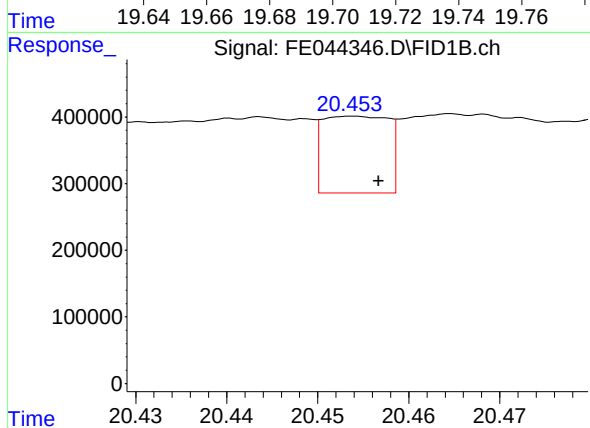
#18 n-Dotriacontane (C32)

R.T.: 18.922 min  
Delta R.T.: -0.007 min  
Response: 1959897  
Conc: 13.76 ug/ml



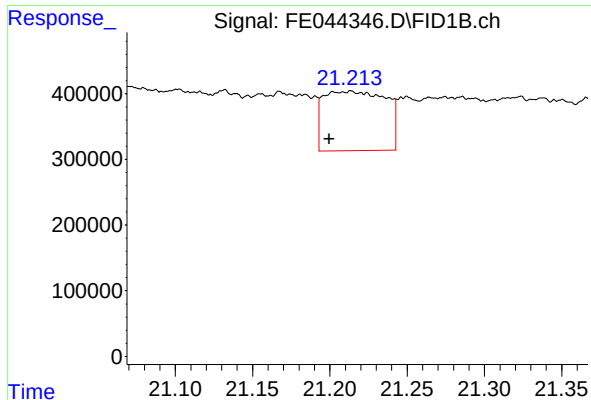
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min  
Delta R.T.: 0.000 min  
Response: 1058448  
Conc: 7.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min  
Delta R.T.: -0.003 min  
Response: 574351  
Conc: 4.19 ug/ml



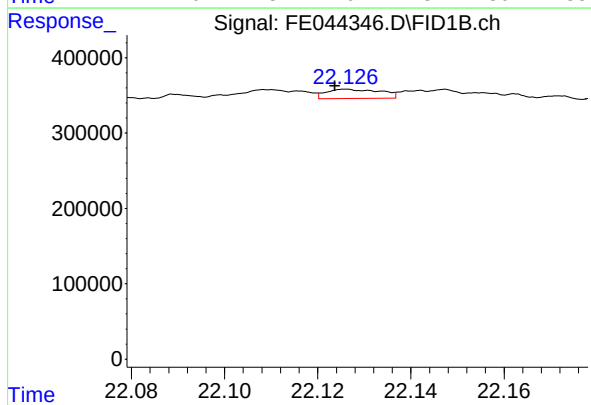
#21 n-Octatriacontane (C38)

R.T.: 21.214 min  
Delta R.T.: 0.014 min  
Response: 2549800  
Conc: 18.37 ug/ml

Instrument :

FID\_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.126 min  
Delta R.T.: 0.003 min  
Response: 98737  
Conc: 0.71 ug/ml