

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012825AL\  
 Data File : FF015345.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Jan 2025 02:47  
 Operator : YP\AJ  
 Sample : Q1168-01  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 29 05:04:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 11:45:29 2025  
 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.366 | 4375852    | 35.938 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 71.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.316  | 190234     | 1.465 ug/ml  |
| 2) T n-Decane (C10)            | 4.568  | 224718     | 1.691 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.731  | 287460     | 2.115 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.558  | 265350     | 1.929 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.165 | 248571     | 1.716 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.608 | 274213     | 1.845 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.918 | 286028     | 1.993 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.530 | 273815     | 1.937 ug/ml  |
| 13) T n-Docosane (C22)         | 14.119 | 268297     | 1.908 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.225 | 262664     | 1.887 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.247 | 251272     | 1.855 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.199 | 244762     | 1.860 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.089 | 249212     | 1.879 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.922 | 256582     | 2.034 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.708 | 28911      | 0.266 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.450 | 192828     | 2.065 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.193 | 50725      | 0.578 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.126 | 157780     | 1.861 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

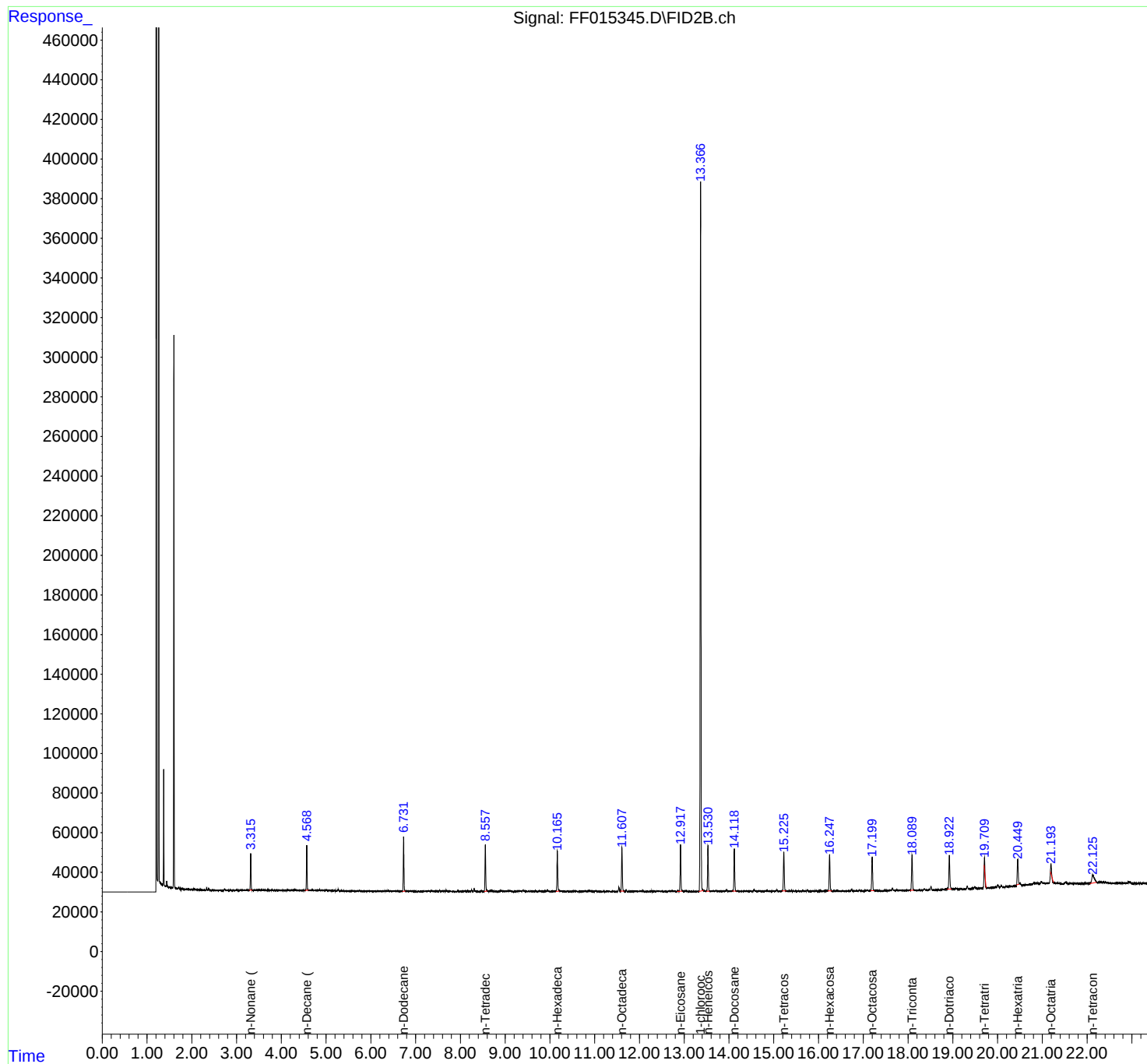
(m)=manual int.

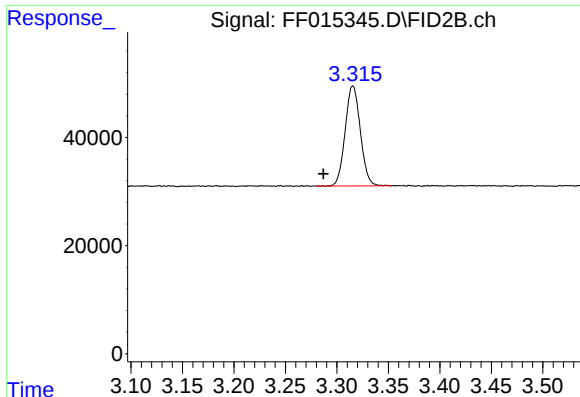
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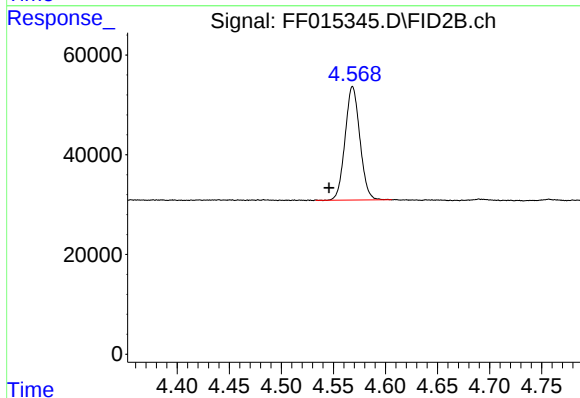




#1 n-Nonane (C9)

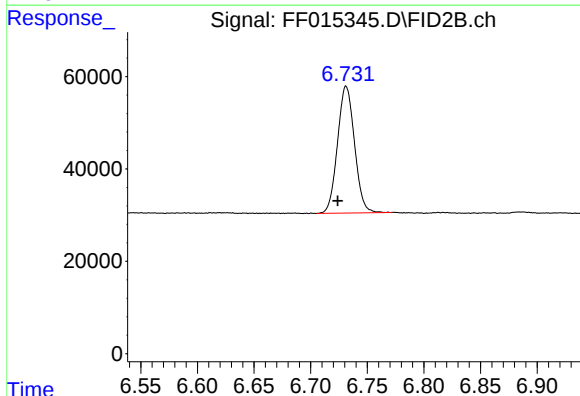
R.T.: 3.316 min  
Delta R.T.: 0.029 min  
Response: 190234  
Conc: 1.47 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



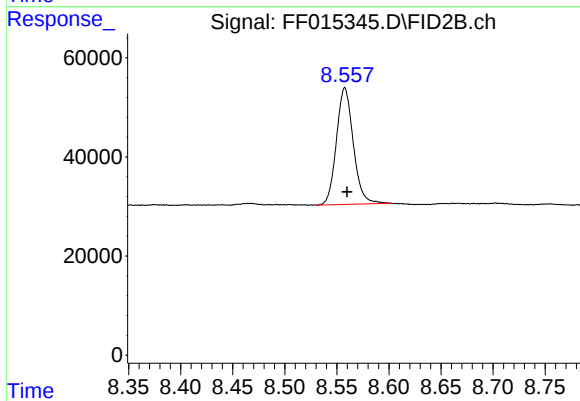
#2 n-Decane (C10)

R.T.: 4.568 min  
Delta R.T.: 0.023 min  
Response: 224718  
Conc: 1.69 ug/ml



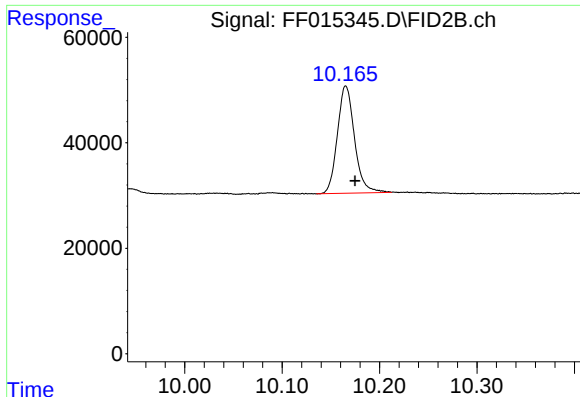
#4 n-Dodecane (C12)

R.T.: 6.731 min  
Delta R.T.: 0.008 min  
Response: 287460  
Conc: 2.11 ug/ml



#6 n-Tetradecane (C14)

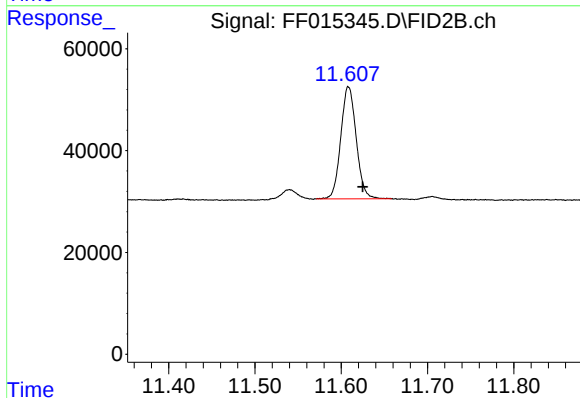
R.T.: 8.558 min  
Delta R.T.: -0.002 min  
Response: 265350  
Conc: 1.93 ug/ml



#7 n-Hexadecane (C16)

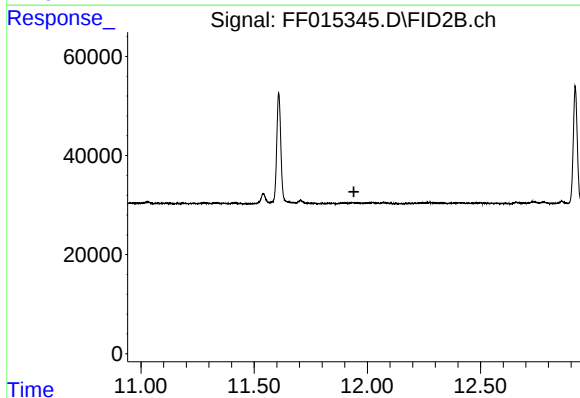
R.T.: 10.165 min  
Delta R.T.: -0.010 min  
Response: 248571  
Conc: 1.72 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



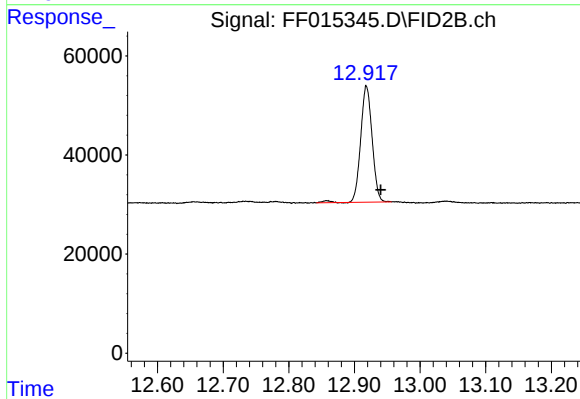
#8 n-Octadecane (C18)

R.T.: 11.608 min  
Delta R.T.: -0.016 min  
Response: 274213  
Conc: 1.84 ug/ml



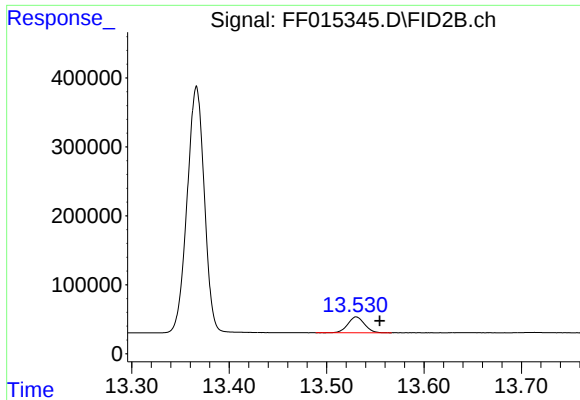
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.940 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

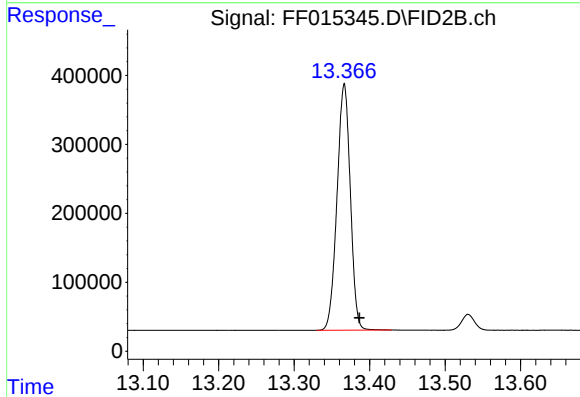
R.T.: 12.918 min  
Delta R.T.: -0.022 min  
Response: 286028  
Conc: 1.99 ug/ml



#11 n-Heneicosane (C21)

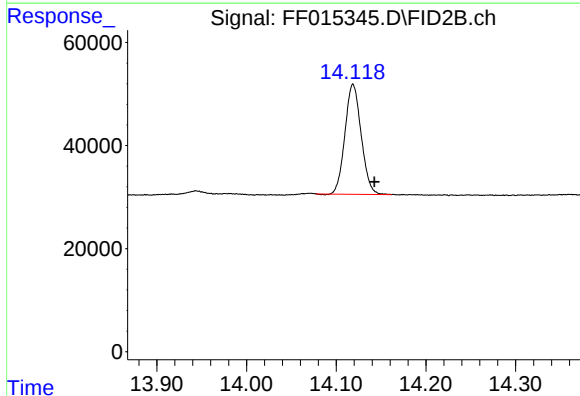
R.T.: 13.530 min  
Delta R.T.: -0.024 min  
Response: 273815  
Conc: 1.94 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



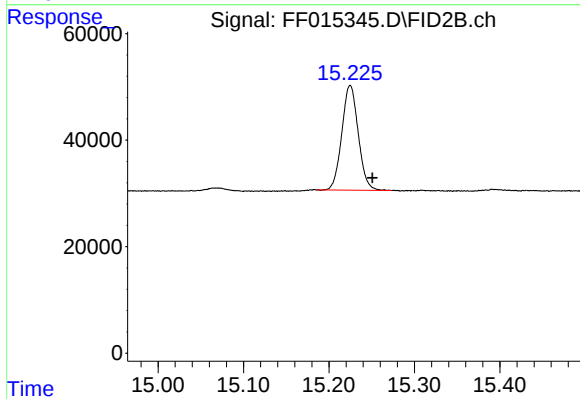
#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min  
Delta R.T.: -0.020 min  
Response: 4375852  
Conc: 35.94 ug/ml



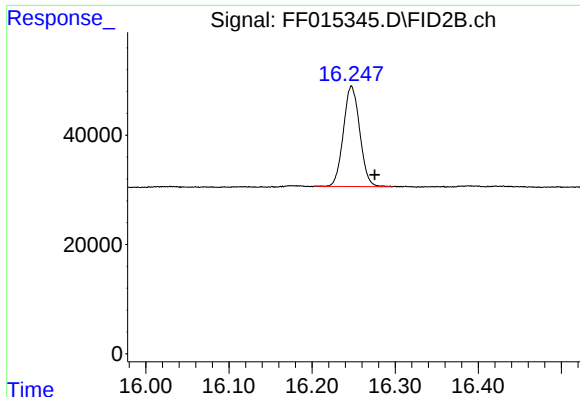
#13 n-Docosane (C22)

R.T.: 14.119 min  
Delta R.T.: -0.024 min  
Response: 268297  
Conc: 1.91 ug/ml



#14 n-Tetracosane (C24)

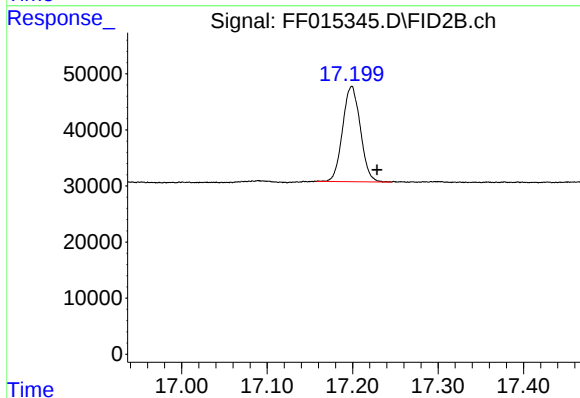
R.T.: 15.225 min  
Delta R.T.: -0.026 min  
Response: 262664  
Conc: 1.89 ug/ml



#15 n-Hexacosane (C26)

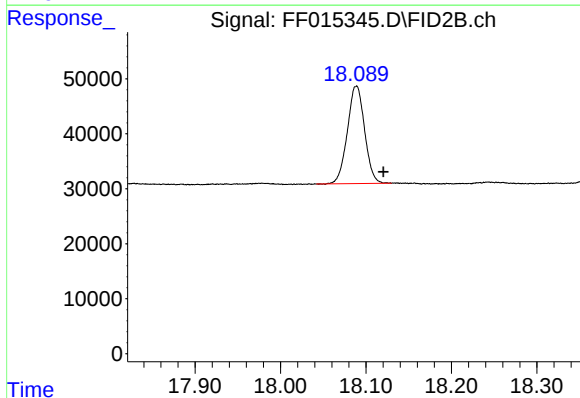
R.T.: 16.247 min  
Delta R.T.: -0.028 min  
Response: 251272  
Conc: 1.86 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



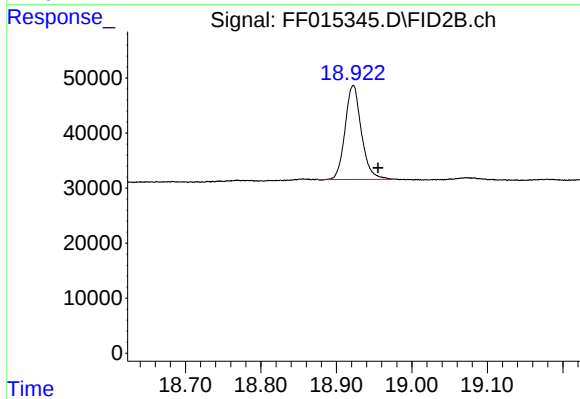
#16 n-Octacosane (C28)

R.T.: 17.199 min  
Delta R.T.: -0.030 min  
Response: 244762  
Conc: 1.86 ug/ml



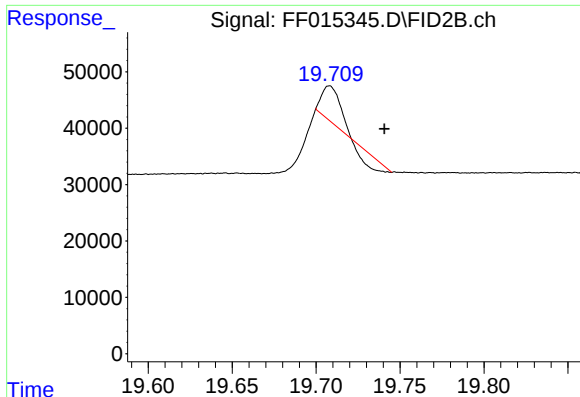
#17 n-Tricontane (C30)

R.T.: 18.089 min  
Delta R.T.: -0.031 min  
Response: 249212  
Conc: 1.88 ug/ml



#18 n-Dotriacontane (C32)

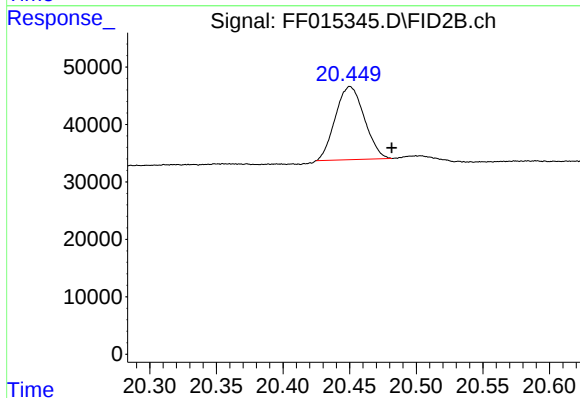
R.T.: 18.922 min  
Delta R.T.: -0.033 min  
Response: 256582  
Conc: 2.03 ug/ml



#19 n-Tetratriacontane (C34)

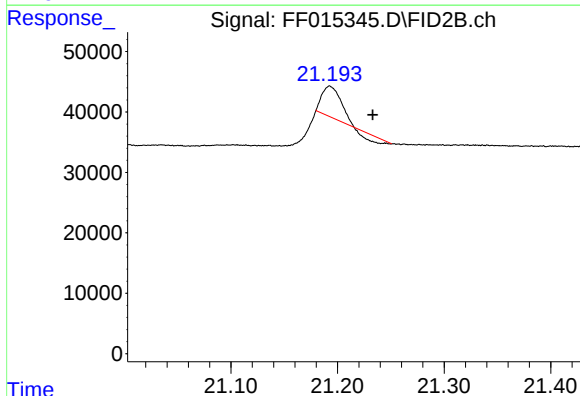
R.T.: 19.708 min  
Delta R.T.: -0.033 min  
Response: 28911  
Conc: 0.27 ug/ml

Instrument :  
FID\_F  
ClientSampleId :



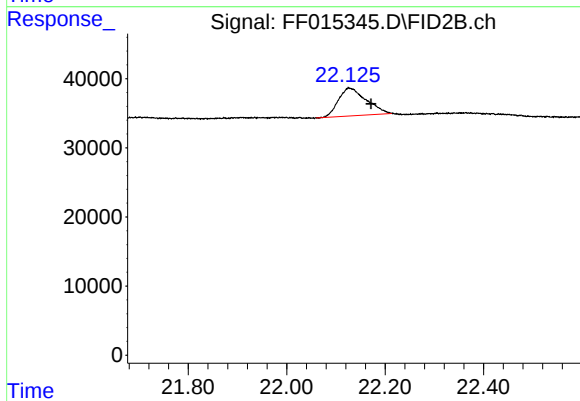
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min  
Delta R.T.: -0.031 min  
Response: 192828  
Conc: 2.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min  
Delta R.T.: -0.040 min  
Response: 50725  
Conc: 0.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.126 min  
Delta R.T.: -0.046 min  
Response: 157780  
Conc: 1.86 ug/ml