

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012825AL\  
 Data File : FE052108.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Jan 2025 16:58  
 Operator : YP\AJ  
 Sample : Q1168-01  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 29 03:05:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 16 16:05:07 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    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 12.195 | 424297     | 2.969 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 5.94%        |
| 12) S 1-chlorooctadecane (S... | 13.614 | 5321290    | 46.387 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 92.77%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.679  | 149760     | 1.405 ug/ml  |
| 2) T n-Decane (C10)            | 4.905  | 196299     | 1.793 ug/ml  |
| 4) T n-Dodecane (C12)          | 7.032  | 258181     | 2.288 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.837  | 252824     | 2.174 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.431 | 267890     | 2.124 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.863 | 305829     | 2.312 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.165 | 341367     | 2.604 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.773 | 309168     | 2.375 ug/ml  |
| 13) T n-Docosane (C22)         | 14.357 | 383915     | 2.925 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.455 | 534665     | 4.025 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.471 | 583143     | 4.412 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.417 | 622998     | 4.720 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.302 | 645351     | 4.733 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.132 | 622810     | 4.752 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.914 | 480781     | 4.270 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.652 | 428125     | 4.507 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.436 | 333493     | 3.861 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.436 | 327273     | 3.971 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

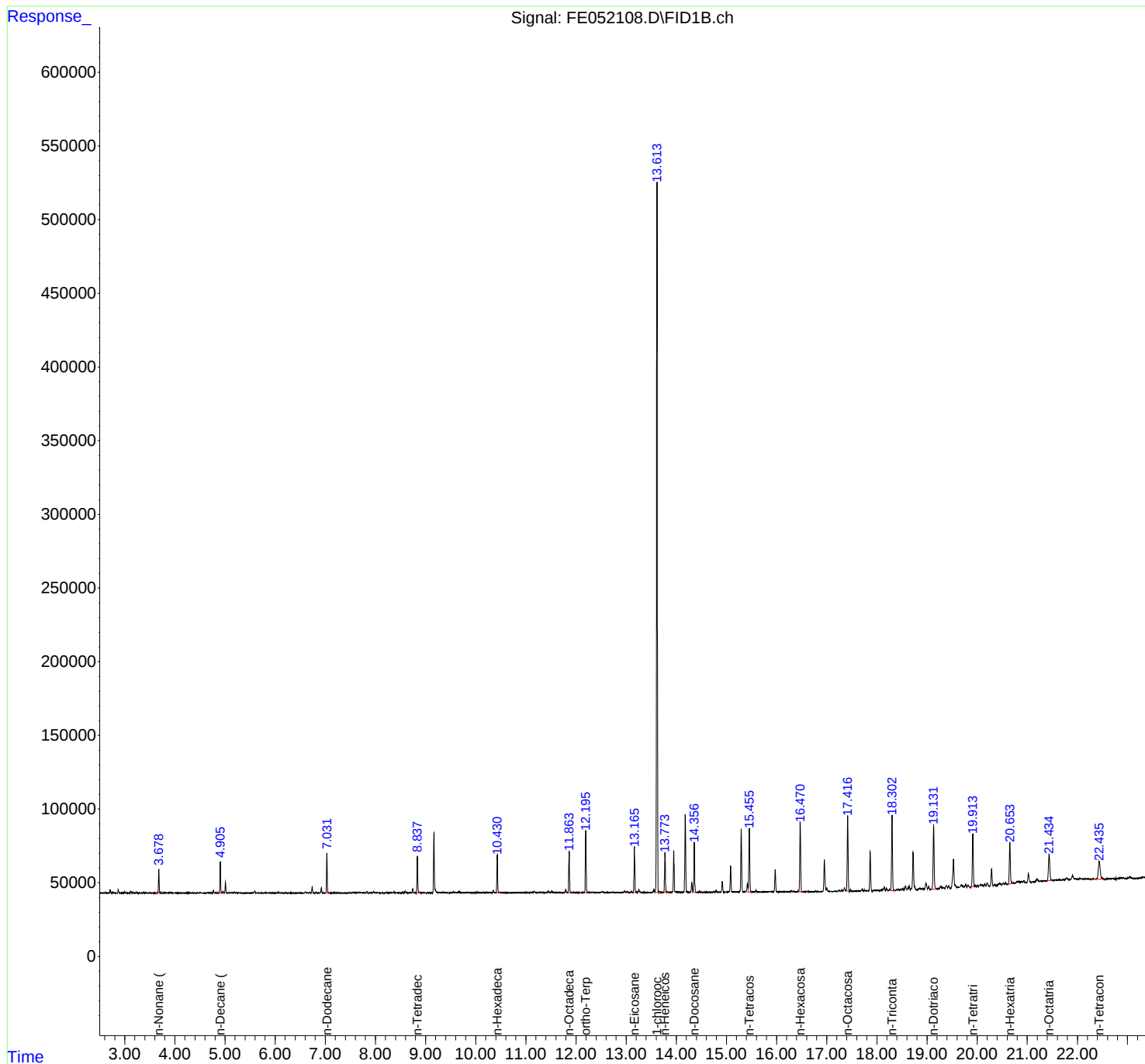
(m)=manual int.

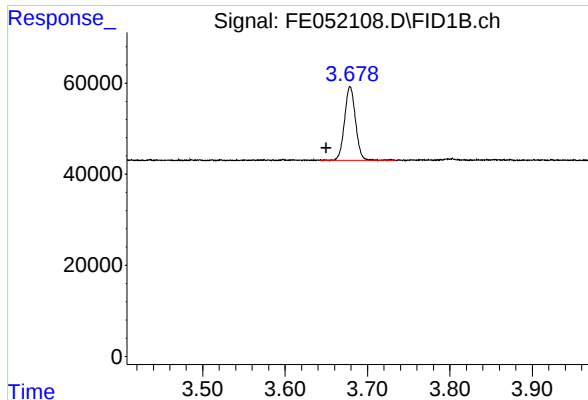
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012825AL\  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.M  
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QLast Update : Thu Jan 16 16:05:07 2025  
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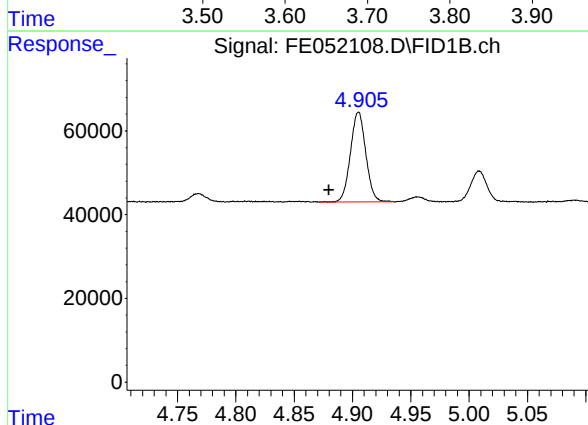




#1 n-Nonane (C9)

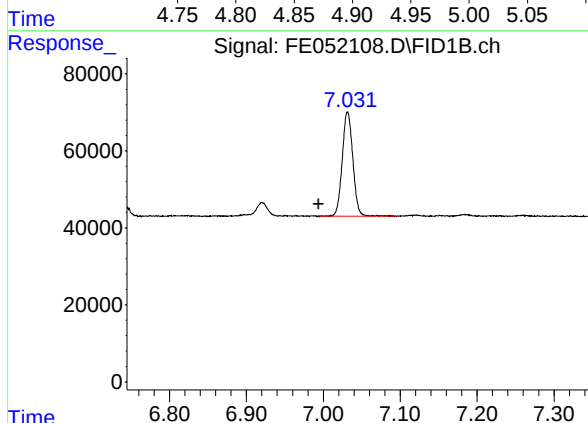
R.T.: 3.679 min  
Delta R.T.: 0.029 min  
Response: 149760  
Conc: 1.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



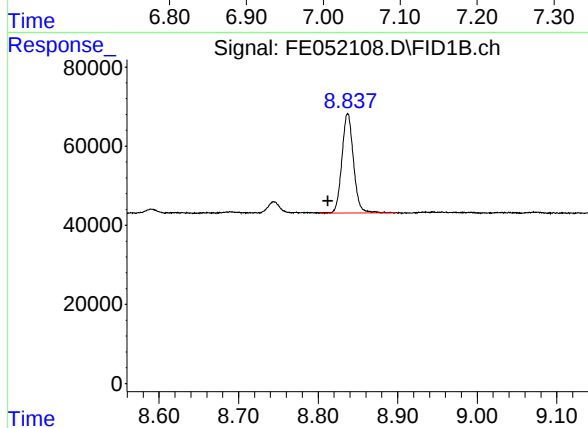
#2 n-Decane (C10)

R.T.: 4.905 min  
Delta R.T.: 0.025 min  
Response: 196299  
Conc: 1.79 ug/ml



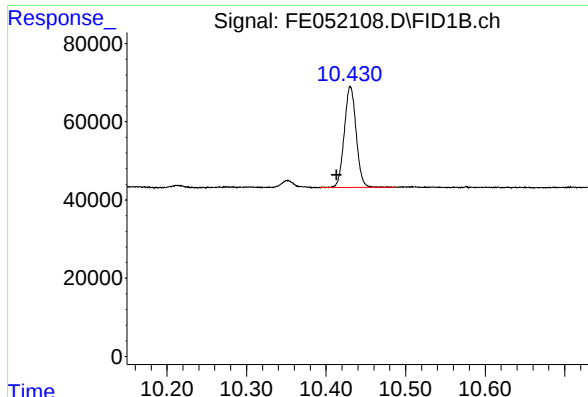
#4 n-Dodecane (C12)

R.T.: 7.032 min  
Delta R.T.: 0.038 min  
Response: 258181  
Conc: 2.29 ug/ml



#6 n-Tetradecane (C14)

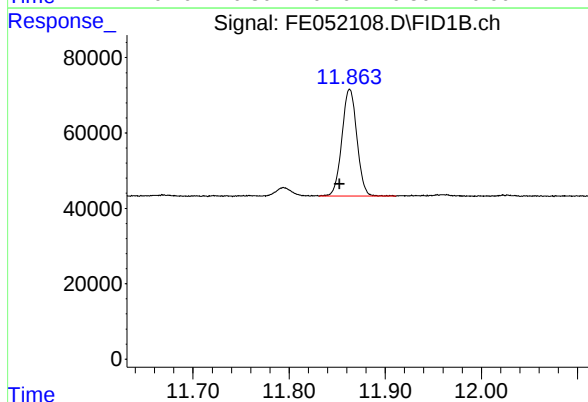
R.T.: 8.837 min  
Delta R.T.: 0.025 min  
Response: 252824  
Conc: 2.17 ug/ml



#7 n-Hexadecane (C16)

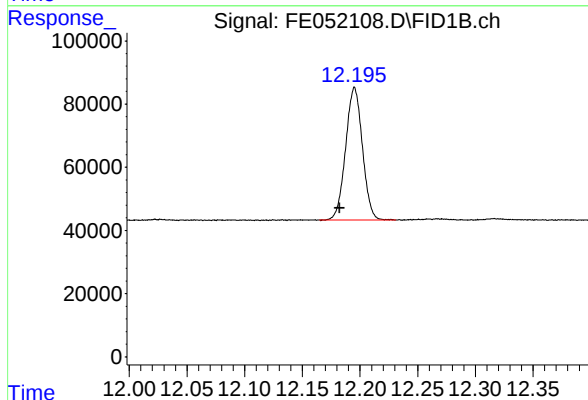
R.T.: 10.431 min  
Delta R.T.: 0.017 min  
Response: 267890  
Conc: 2.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



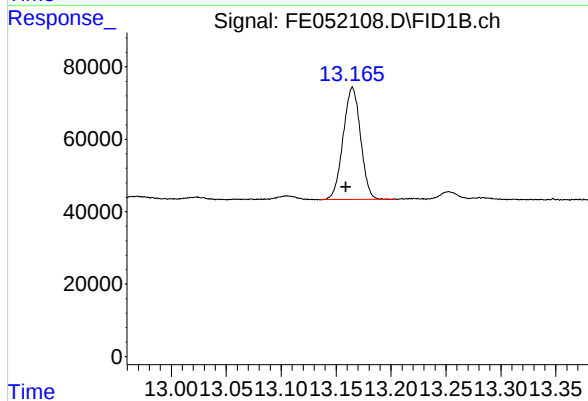
#8 n-Octadecane (C18)

R.T.: 11.863 min  
Delta R.T.: 0.011 min  
Response: 305829  
Conc: 2.31 ug/ml



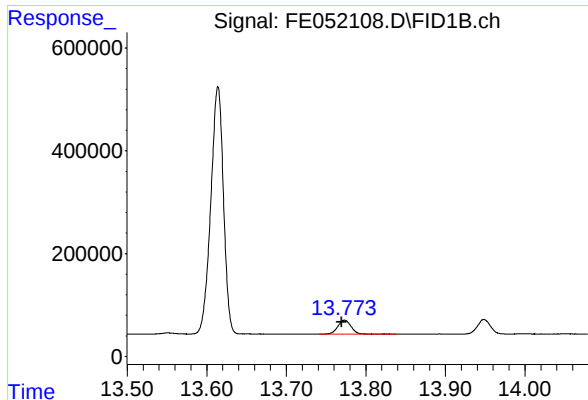
#9 ortho-Terphenyl (SURR)

R.T.: 12.195 min  
Delta R.T.: 0.013 min  
Response: 424297  
Conc: 2.97 ug/ml



#10 n-Eicosane (C20)

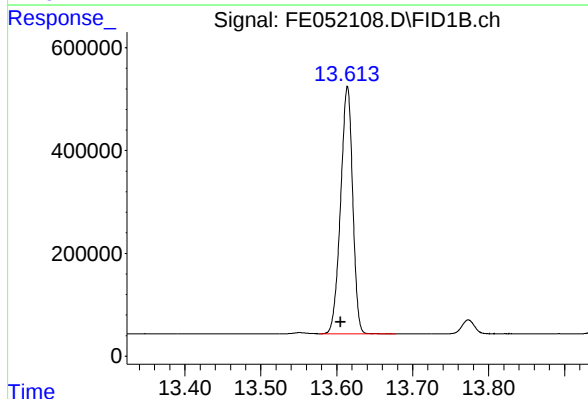
R.T.: 13.165 min  
Delta R.T.: 0.006 min  
Response: 341367  
Conc: 2.60 ug/ml



#11 n-Heneicosane (C21)

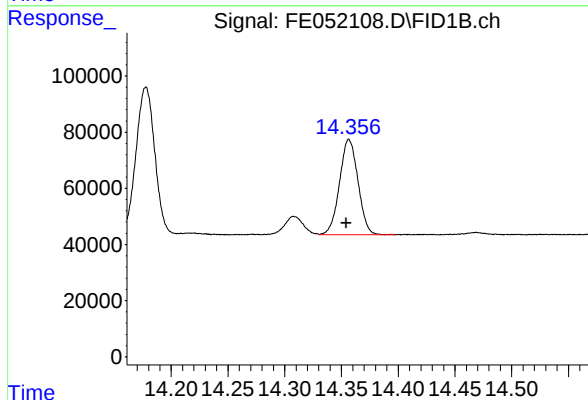
R.T.: 13.773 min  
Delta R.T.: 0.004 min  
Response: 309168  
Conc: 2.38 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



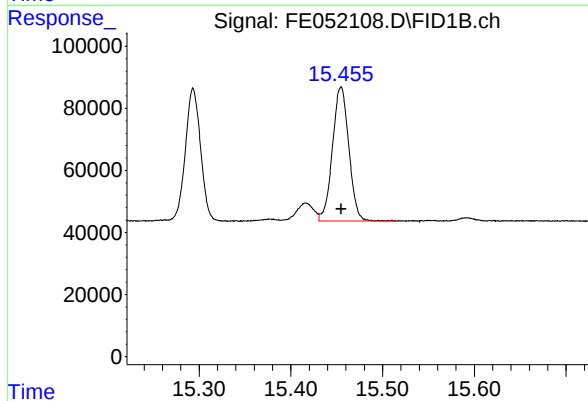
#12 1-chlorooctadecane (SURR)

R.T.: 13.614 min  
Delta R.T.: 0.009 min  
Response: 5321290  
Conc: 46.39 ug/ml



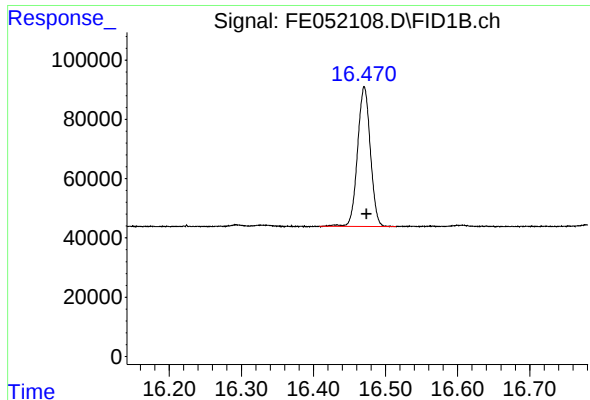
#13 n-Docosane (C22)

R.T.: 14.357 min  
Delta R.T.: 0.003 min  
Response: 383915  
Conc: 2.93 ug/ml



#14 n-Tetracosane (C24)

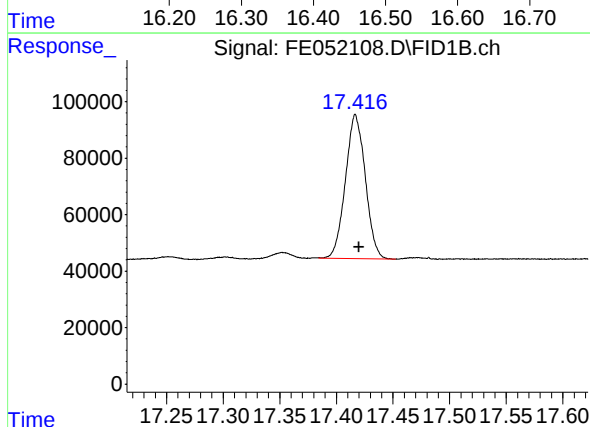
R.T.: 15.455 min  
Delta R.T.: 0.000 min  
Response: 534665  
Conc: 4.03 ug/ml



#15 n-Hexacosane (C26)

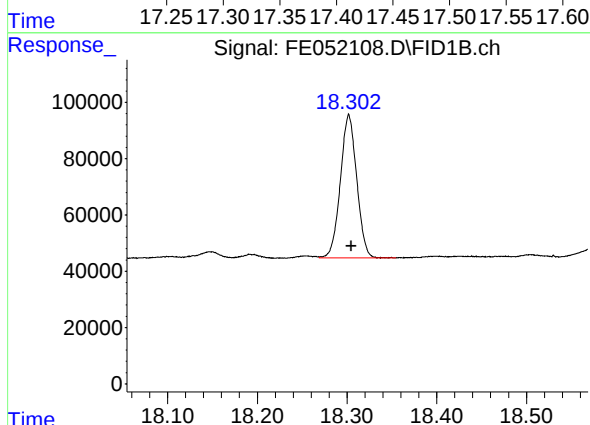
R.T.: 16.471 min  
Delta R.T.: -0.003 min  
Response: 583143  
Conc: 4.41 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



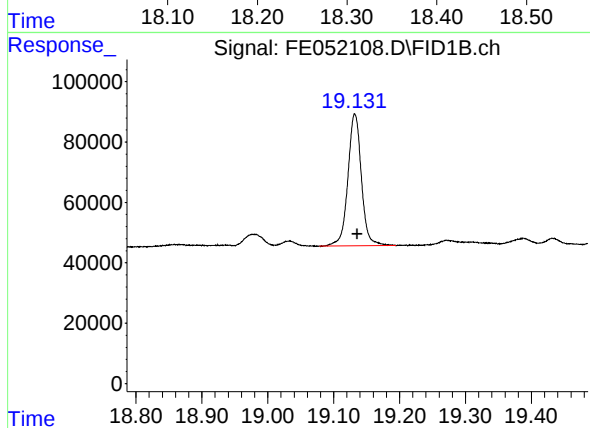
#16 n-Octacosane (C28)

R.T.: 17.417 min  
Delta R.T.: -0.003 min  
Response: 622998  
Conc: 4.72 ug/ml



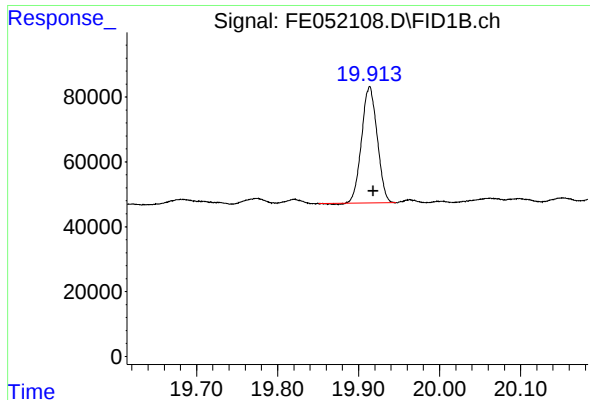
#17 n-Tricontane (C30)

R.T.: 18.302 min  
Delta R.T.: -0.003 min  
Response: 645351  
Conc: 4.73 ug/ml



#18 n-Dotriacontane (C32)

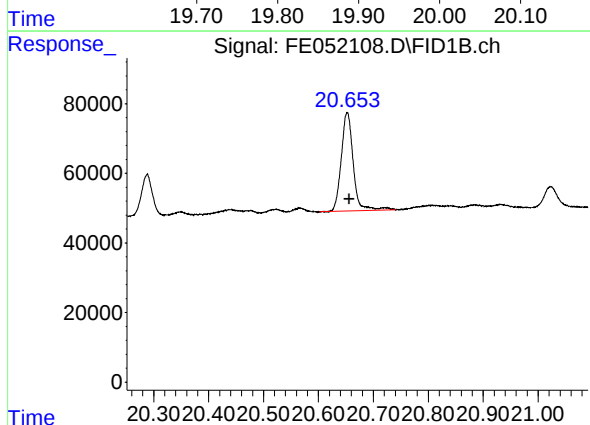
R.T.: 19.132 min  
Delta R.T.: -0.004 min  
Response: 622810  
Conc: 4.75 ug/ml



#19 n-Tetratriacontane (C34)

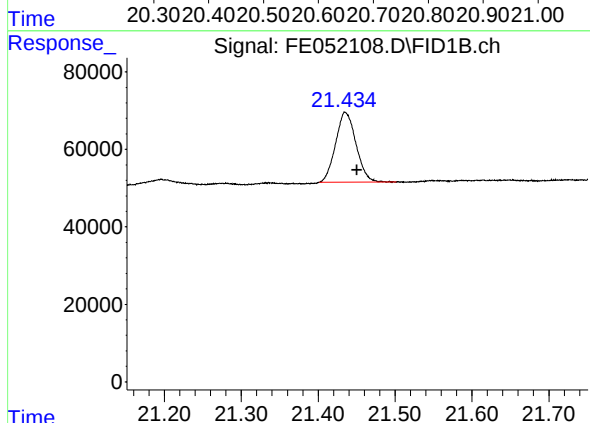
R.T.: 19.914 min  
Delta R.T.: -0.005 min  
Response: 480781  
Conc: 4.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



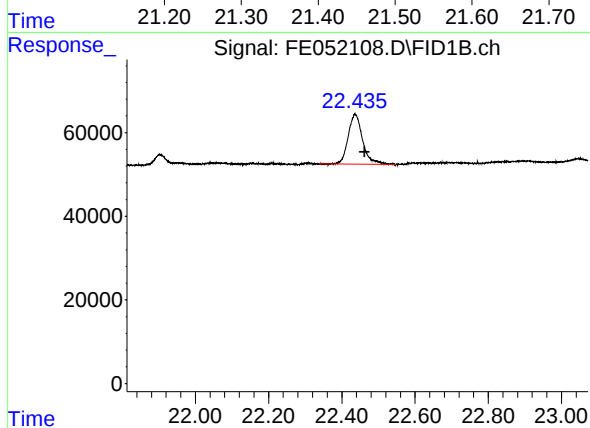
#20 n-Hexatriacontane (C36)

R.T.: 20.652 min  
Delta R.T.: -0.003 min  
Response: 428125  
Conc: 4.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.436 min  
Delta R.T.: -0.015 min  
Response: 333493  
Conc: 3.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.436 min  
Delta R.T.: -0.026 min  
Response: 327273  
Conc: 3.97 ug/ml