

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012523AL\  
 Data File : FE040049.D  
 Signal(s) : FID1B.ch  
 Acq On : 25 Jan 2023 22:47  
 Operator : YP\AJ  
 Sample : 01286-06  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 26 02:49:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 10 04:24:52 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)    | 11.909  | 4635593    | 30.186 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 60.37%       |
| 12) S 1-chlorooctadecane (S... | 13.346  | 3304692    | 28.318 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 56.64%       |
|                                |         |            |              |
| Target Compounds               |         |            |              |
| 6) T n-Tetradecane (C14)       | 8.541   | 36872      | 0.287 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.966f | 316916     | 2.287 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.190  | 199871     | 1.452 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.225  | 79945      | 0.599 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.196  | 126521     | 0.972 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.064  | 114582     | 0.898 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.889  | 266250     | 2.106 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.683  | 56620      | 0.458 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.414  | 155544     | 1.319 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.156  | 23788      | 0.199 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.064  | 44440      | 0.366 ug/ml  |
| -----                          |         |            |              |

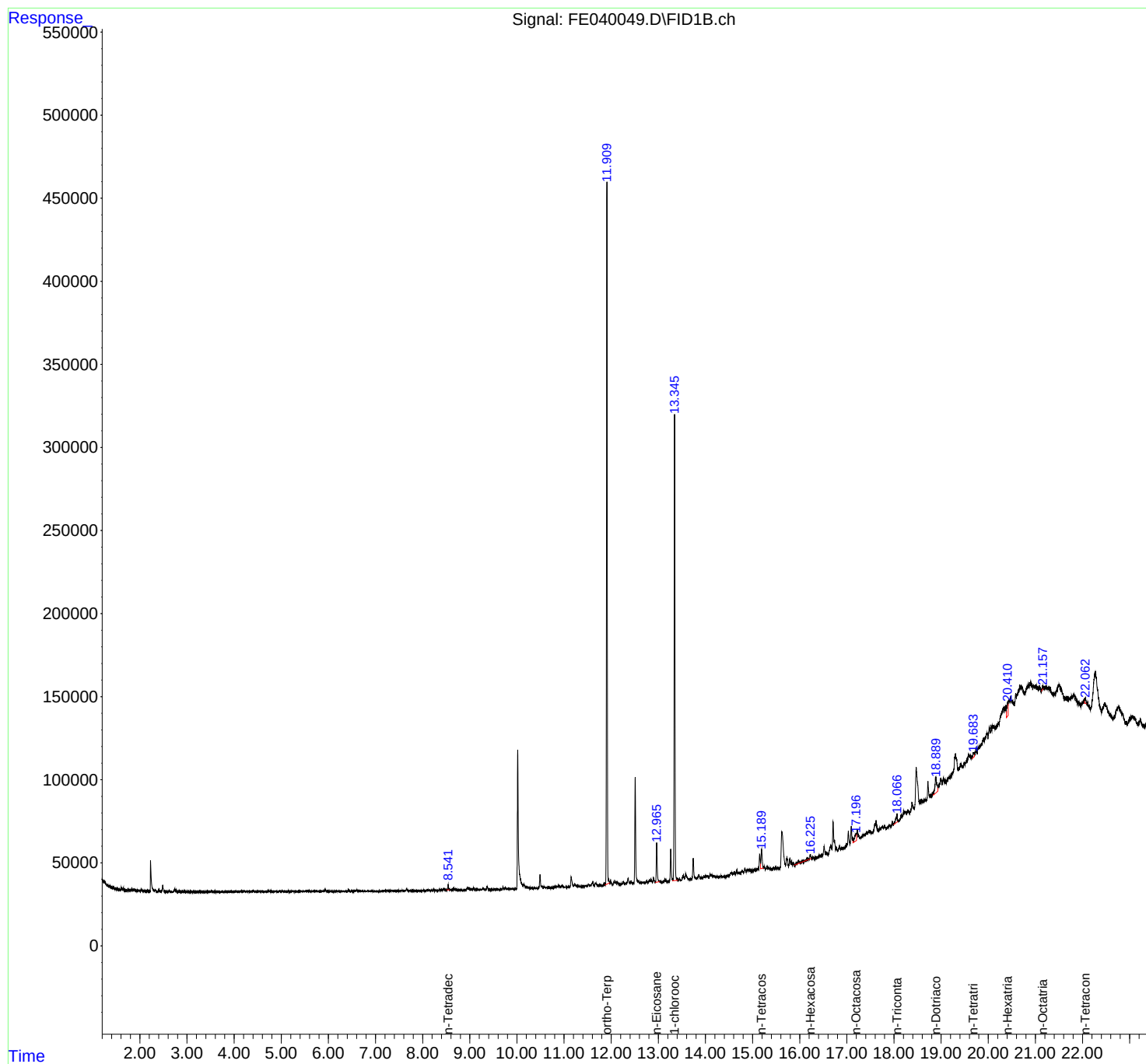
(f)=RT Delta > 1/2 Window

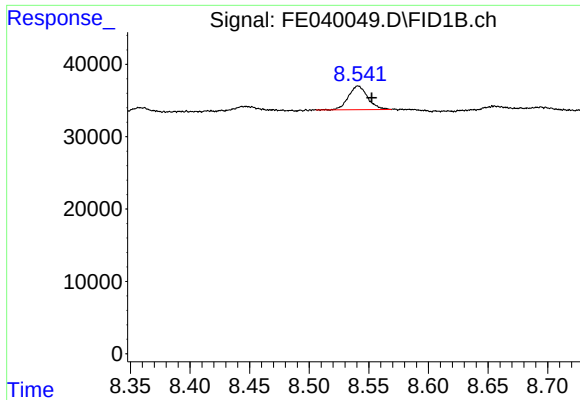
(m)=manual int.

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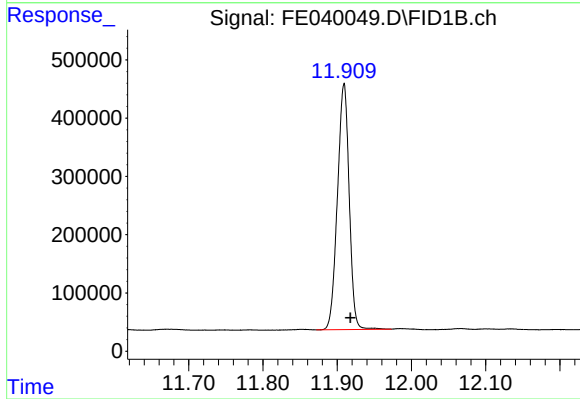
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





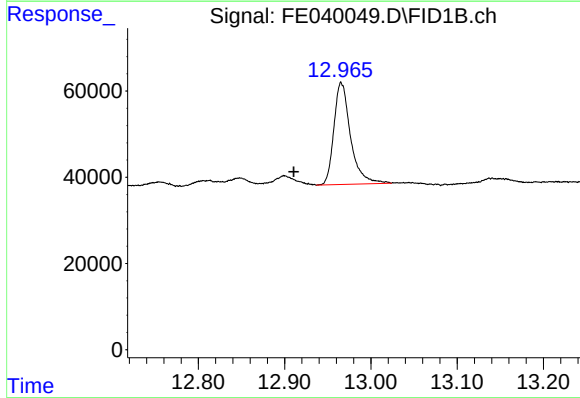
#6 n-Tetradecane (C14)

R.T.: 8.541 min  
Delta R.T.: -0.011 min  
Response: 36872  
Conc: 0.29 ug/ml



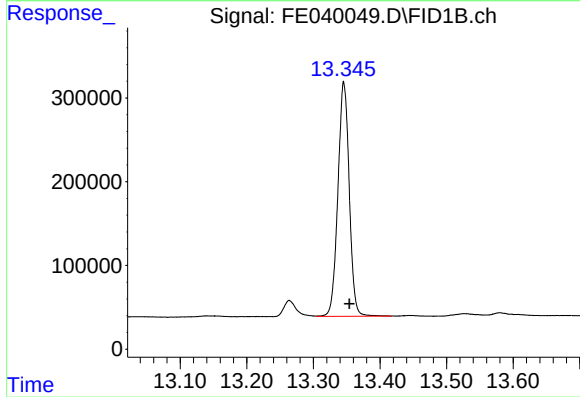
#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min  
Delta R.T.: -0.009 min  
Response: 4635593  
Conc: 30.19 ug/ml



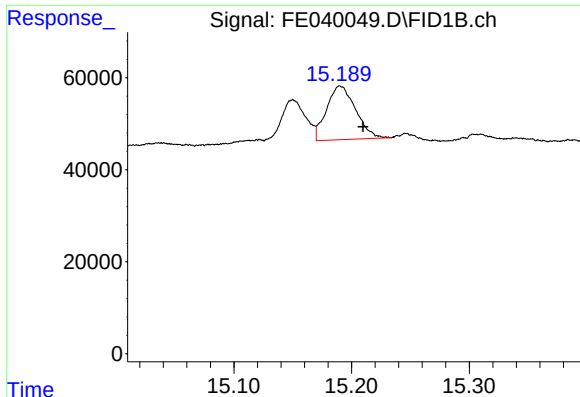
#10 n-Eicosane (C20)

R.T.: 12.966 min  
Delta R.T.: 0.055 min  
Response: 316916  
Conc: 2.29 ug/ml



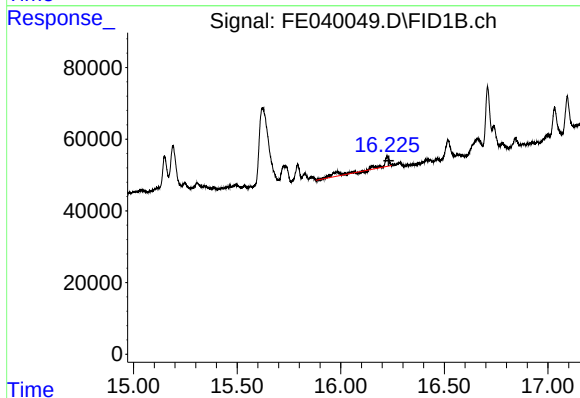
#12 1-chlorooctadecane (SURR)

R.T.: 13.346 min  
Delta R.T.: -0.008 min  
Response: 3304692  
Conc: 28.32 ug/ml



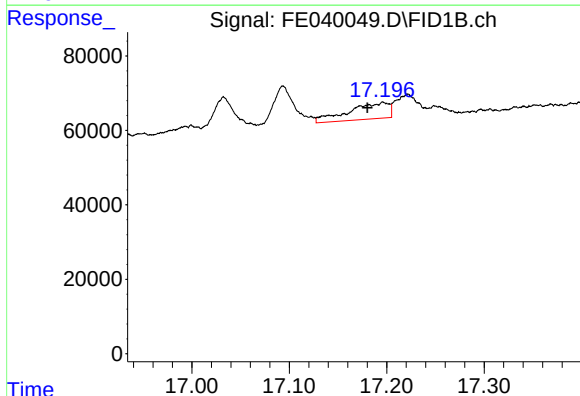
#14 n-Tetracosane (C24)

R.T.: 15.190 min  
Delta R.T.: -0.020 min  
Response: 199871  
Conc: 1.45 ug/ml



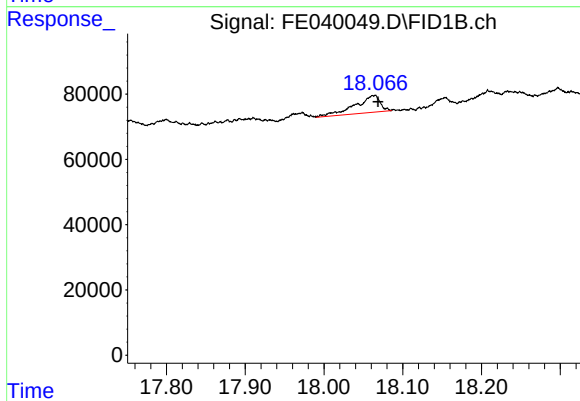
#15 n-Hexacosane (C26)

R.T.: 16.225 min  
Delta R.T.: -0.006 min  
Response: 79945  
Conc: 0.60 ug/ml



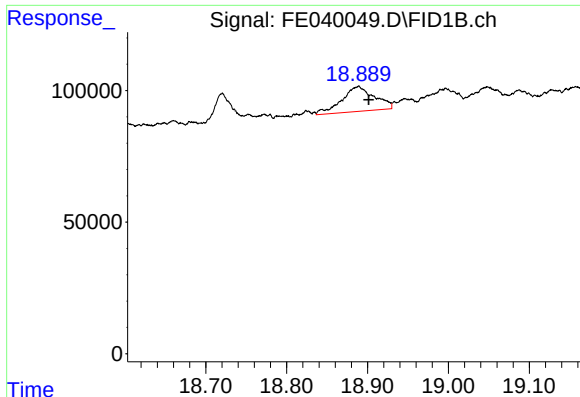
#16 n-Octacosane (C28)

R.T.: 17.196 min  
Delta R.T.: 0.016 min  
Response: 126521  
Conc: 0.97 ug/ml



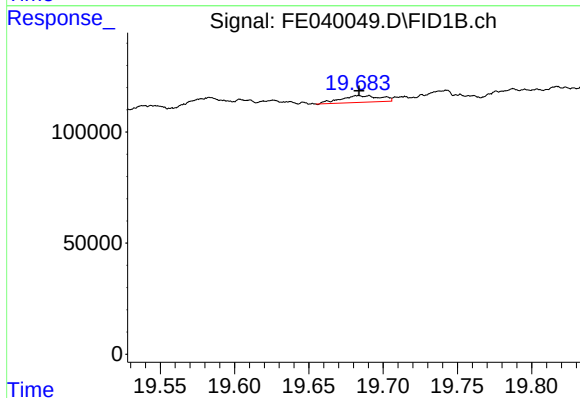
#17 n-Tricontane (C30)

R.T.: 18.064 min  
Delta R.T.: -0.004 min  
Response: 114582  
Conc: 0.90 ug/ml



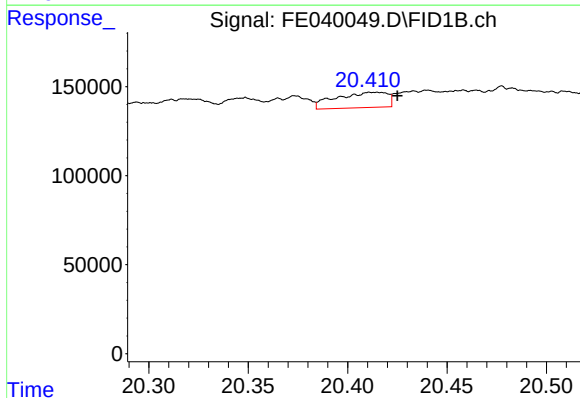
#18 n-Dotriacontane (C32)

R.T.: 18.889 min  
Delta R.T.: -0.013 min  
Response: 266250  
Conc: 2.11 ug/ml



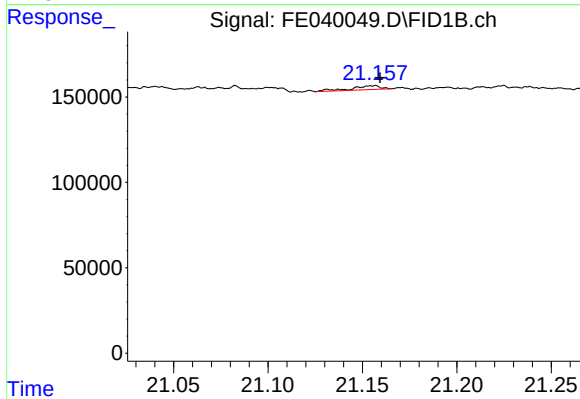
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min  
Delta R.T.: 0.000 min  
Response: 56620  
Conc: 0.46 ug/ml



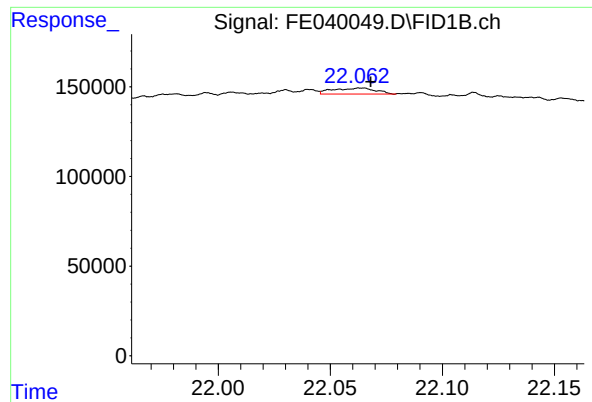
#20 n-Hexatriacontane (C36)

R.T.: 20.414 min  
Delta R.T.: -0.011 min  
Response: 155544  
Conc: 1.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min  
Delta R.T.: -0.003 min  
Response: 23788  
Conc: 0.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.064 min  
Delta R.T.: -0.004 min  
Response: 44440  
Conc: 0.37 ug/ml