

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101623AL\  
 Data File : FE044858.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Oct 2023 10:22  
 Operator : YP\AJ  
 Sample : 04878-03DL 50X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 17 01:11:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101123.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 12 06:15:32 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)    | 11.908  | 1652759    | 8.245 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 16.49%      |
| 12) S 1-chlorooctadecane (S... | 13.353  | 483620     | 3.268 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 6.54%       |
|                                |         |            |             |
| Target Compounds               |         |            |             |
| 7) T n-Hexadecane (C16)        | 10.152  | 32688      | 0.187 ug/ml |
| 8) T n-Octadecane (C18)        | 11.589  | 404643     | 2.320 ug/ml |
| 10) T n-Eicosane (C20)         | 12.908  | 600841     | 3.597 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.916  | 259349     | 1.728 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.697  | 133434     | 0.896 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.500f | 137788     | 0.896 ug/ml |
| -----                          |         |            |             |

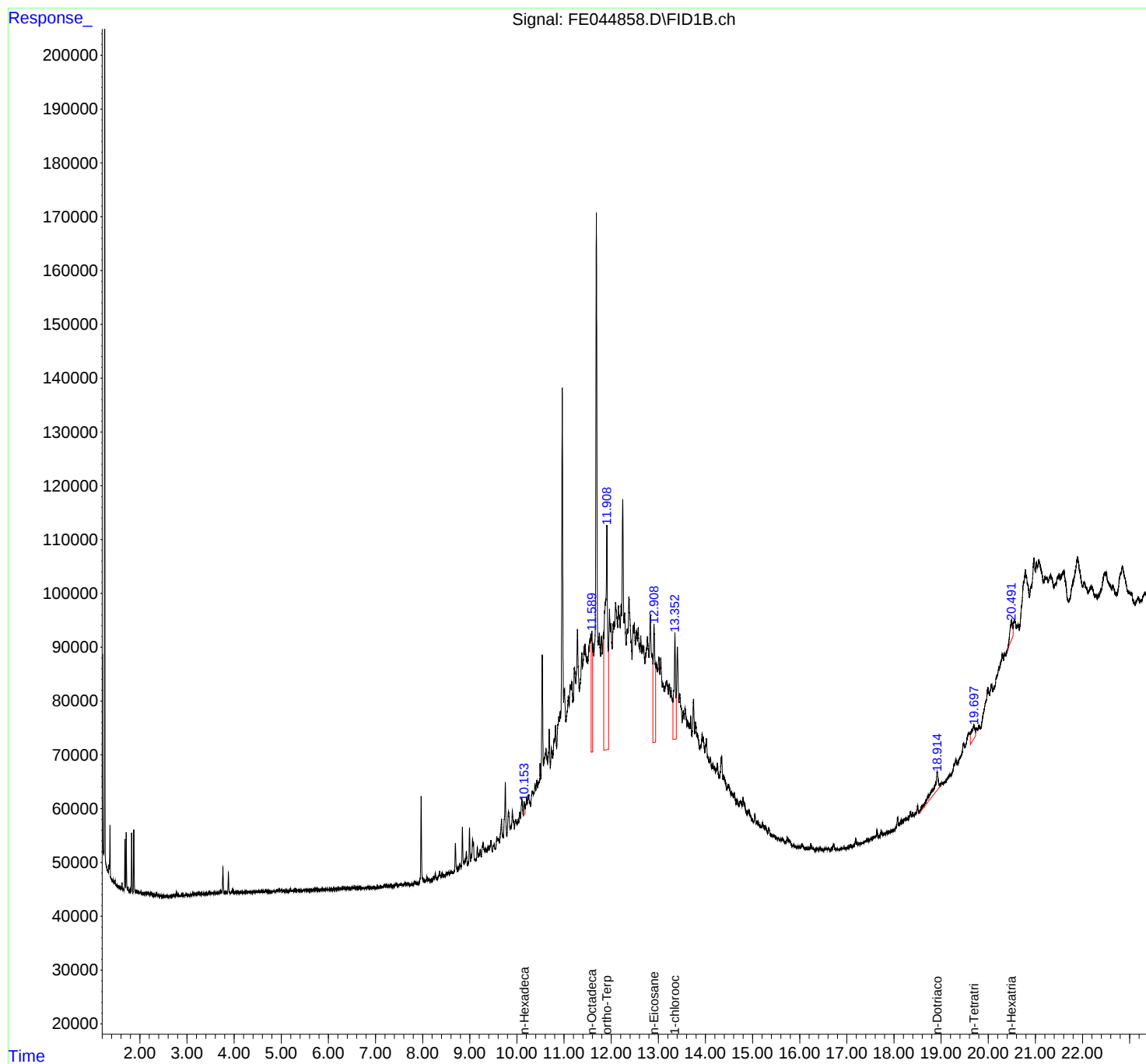
(f)=RT Delta > 1/2 Window

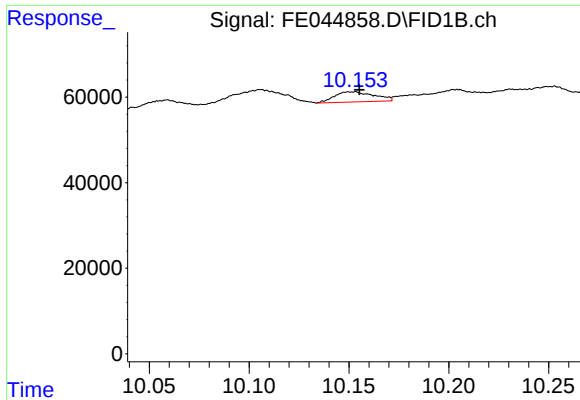
(m)=manual int.

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Sample : 04878-03DL 50X  
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Response via : Initial Calibration  
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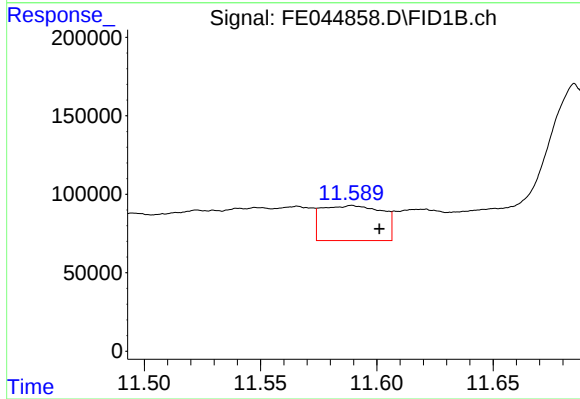
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





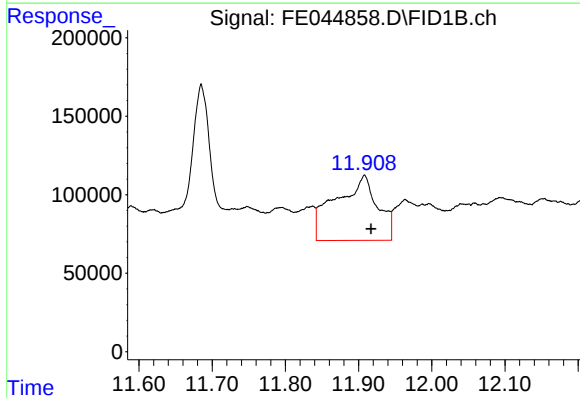
#7 n-Hexadecane (C16)

R.T.: 10.152 min  
Delta R.T.: -0.003 min  
Response: 32688  
Conc: 0.19 ug/ml



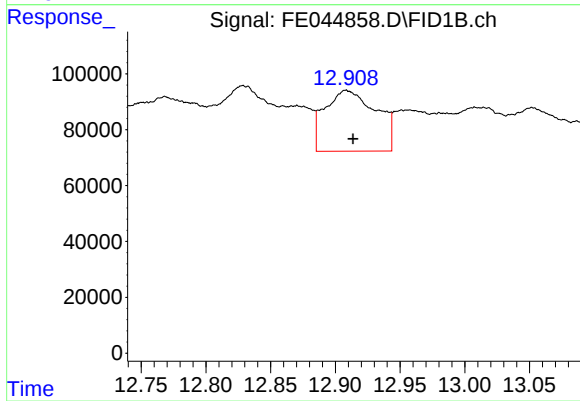
#8 n-Octadecane (C18)

R.T.: 11.589 min  
Delta R.T.: -0.012 min  
Response: 404643  
Conc: 2.32 ug/ml



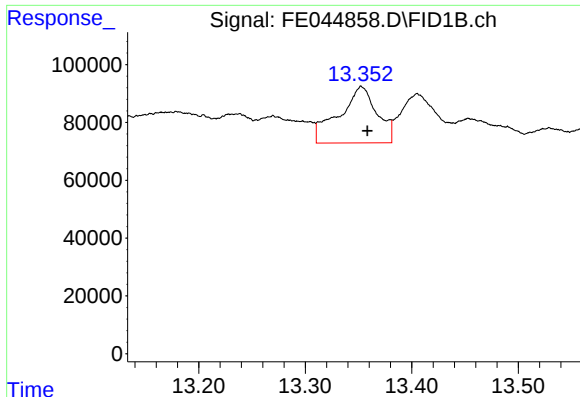
#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min  
Delta R.T.: -0.009 min  
Response: 1652759  
Conc: 8.24 ug/ml



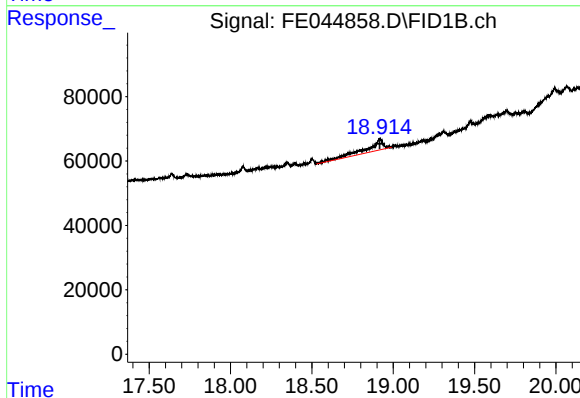
#10 n-Eicosane (C20)

R.T.: 12.908 min  
Delta R.T.: -0.005 min  
Response: 600841  
Conc: 3.60 ug/ml



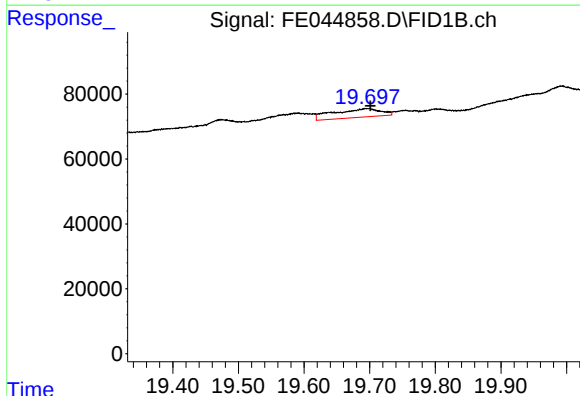
#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min  
Delta R.T.: -0.006 min  
Response: 483620  
Conc: 3.27 ug/ml



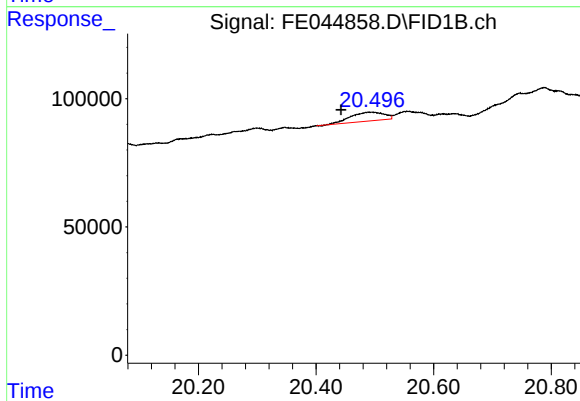
#18 n-Dotriacontane (C32)

R.T.: 18.916 min  
Delta R.T.: 0.000 min  
Response: 259349  
Conc: 1.73 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.697 min  
Delta R.T.: -0.005 min  
Response: 133434  
Conc: 0.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.500 min  
Delta R.T.: 0.057 min  
Response: 137788  
Conc: 0.90 ug/ml