

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012023AL\  
 Data File : FE039940.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Jan 2023 21:32  
 Operator : YP\AJ  
 Sample : 01229-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 22 23:25:04 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)    | 11.910 | 4253608    | 27.699 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 55.40%       |
| 12) S 1-chlorooctadecane (S... | 13.348 | 3488235    | 29.891 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 59.78%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 7) T n-Hexadecane (C16)        | 10.149 | 67574      | 0.501 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.591 | 88561      | 0.632 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.900 | 201559     | 1.455 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.513 | 60691      | 0.435 ug/ml  |
| 13) T n-Docosane (C22)         | 14.100 | 101863     | 0.734 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.198 | 126184     | 0.916 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.224 | 127639     | 0.956 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.181 | 203837     | 1.566 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.063 | 356725     | 2.797 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.894 | 492540     | 3.896 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.687 | 156140     | 1.264 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.426 | 209083     | 1.773 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.163 | 117173     | 0.980 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.064 | 46862      | 0.386 ug/ml  |
| -----                          |        |            |              |

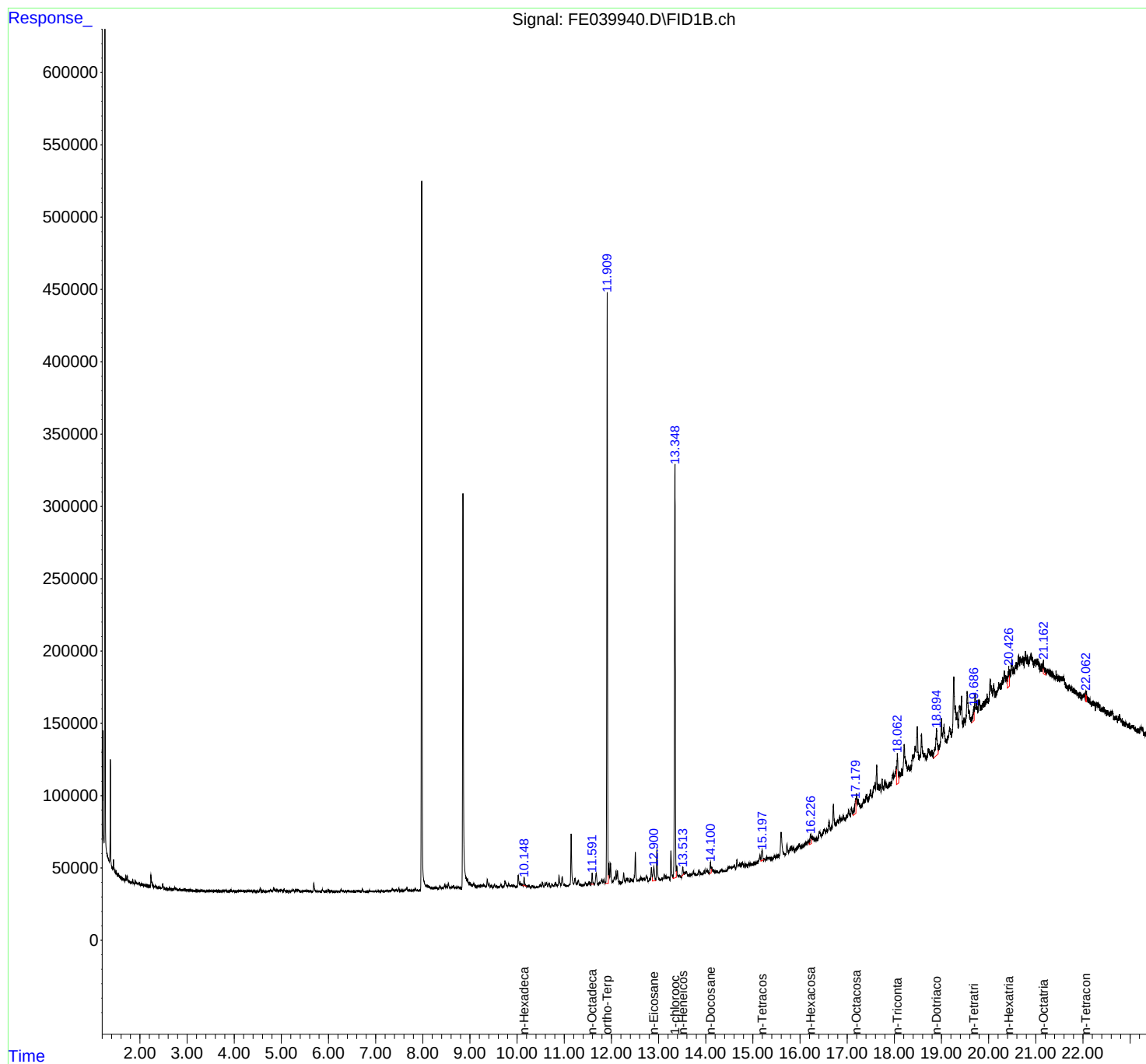
(f)=RT Delta > 1/2 Window

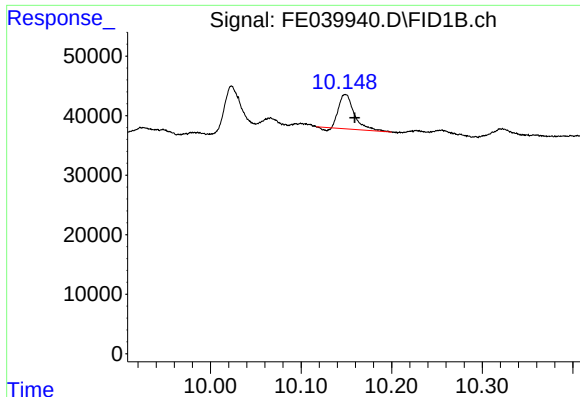
(m)=manual int.

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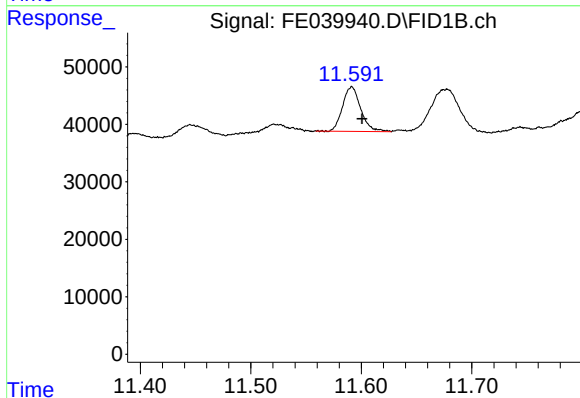
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





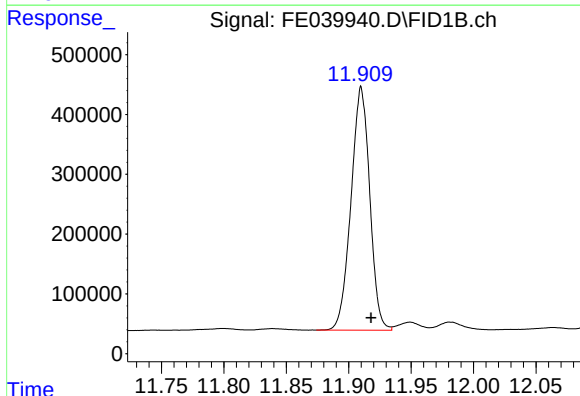
#7 n-Hexadecane (C16)

R.T.: 10.149 min  
Delta R.T.: -0.010 min  
Response: 67574  
Conc: 0.50 ug/ml



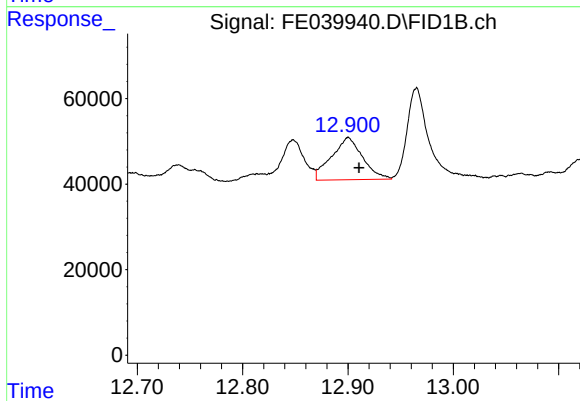
#8 n-Octadecane (C18)

R.T.: 11.591 min  
Delta R.T.: -0.009 min  
Response: 88561  
Conc: 0.63 ug/ml



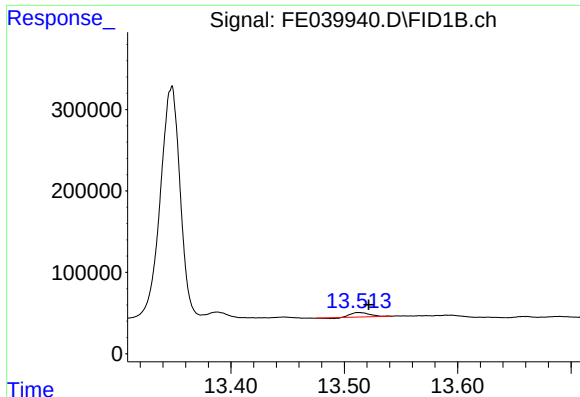
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min  
Delta R.T.: -0.008 min  
Response: 4253608  
Conc: 27.70 ug/ml



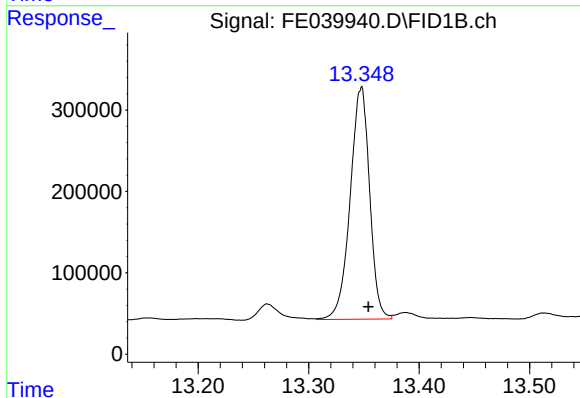
#10 n-Eicosane (C20)

R.T.: 12.900 min  
Delta R.T.: -0.010 min  
Response: 201559  
Conc: 1.45 ug/ml



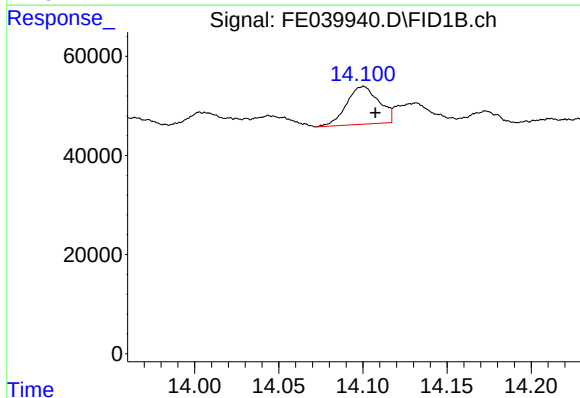
#11 n-Heneicosane (C21)

R.T.: 13.513 min  
Delta R.T.: -0.008 min  
Response: 60691  
Conc: 0.43 ug/ml



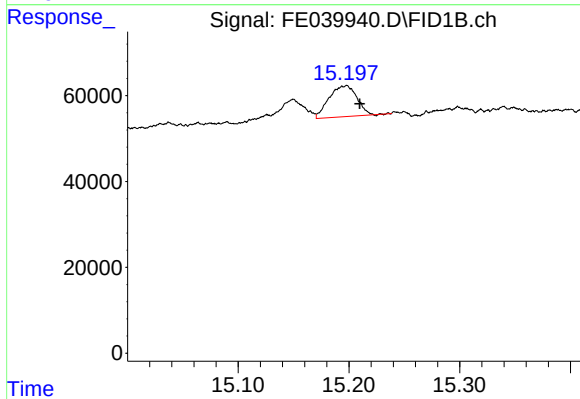
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min  
Delta R.T.: -0.006 min  
Response: 3488235  
Conc: 29.89 ug/ml



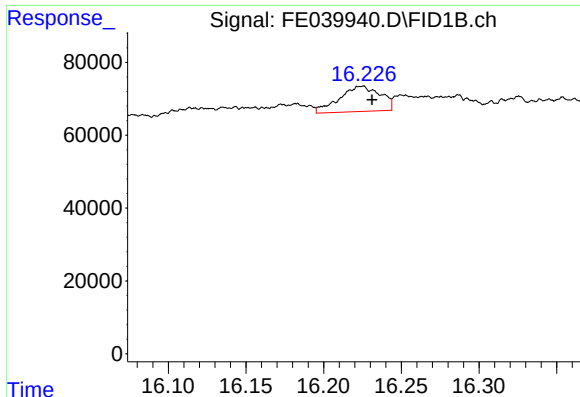
#13 n-Docosane (C22)

R.T.: 14.100 min  
Delta R.T.: -0.007 min  
Response: 101863  
Conc: 0.73 ug/ml



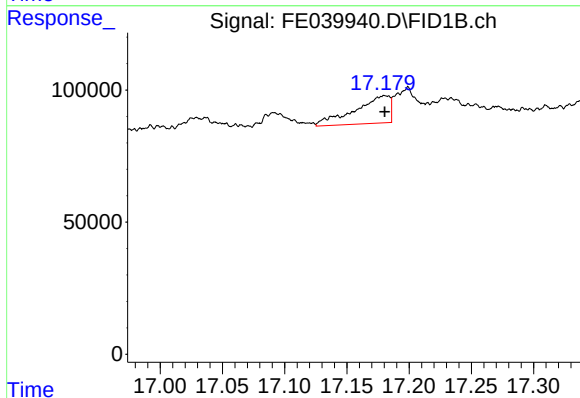
#14 n-Tetracosane (C24)

R.T.: 15.198 min  
Delta R.T.: -0.012 min  
Response: 126184  
Conc: 0.92 ug/ml



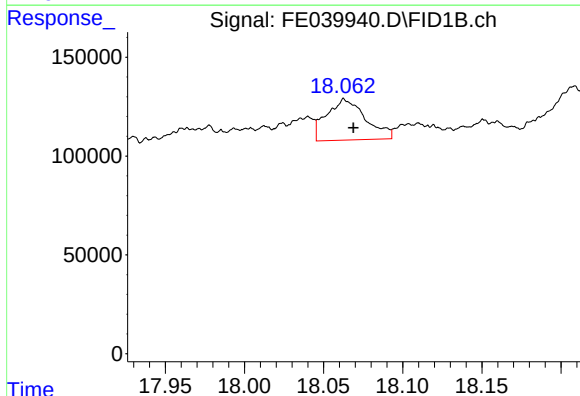
#15 n-Hexacosane (C26)

R.T.: 16.224 min  
Delta R.T.: -0.007 min  
Response: 127639  
Conc: 0.96 ug/ml



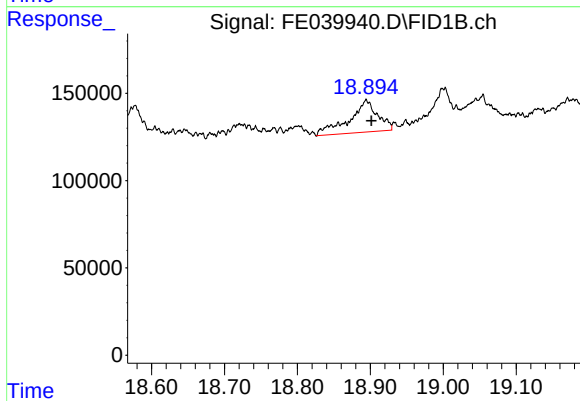
#16 n-Octacosane (C28)

R.T.: 17.181 min  
Delta R.T.: 0.000 min  
Response: 203837  
Conc: 1.57 ug/ml



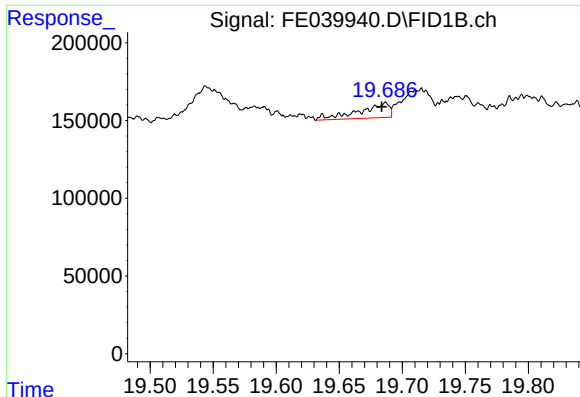
#17 n-Tricontane (C30)

R.T.: 18.063 min  
Delta R.T.: -0.005 min  
Response: 356725  
Conc: 2.80 ug/ml



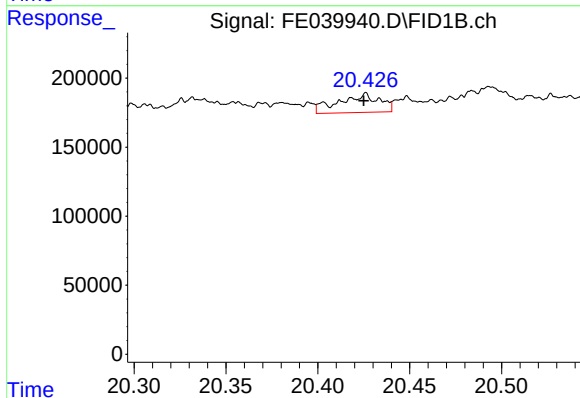
#18 n-Dotriacontane (C32)

R.T.: 18.894 min  
Delta R.T.: -0.007 min  
Response: 492540  
Conc: 3.90 ug/ml



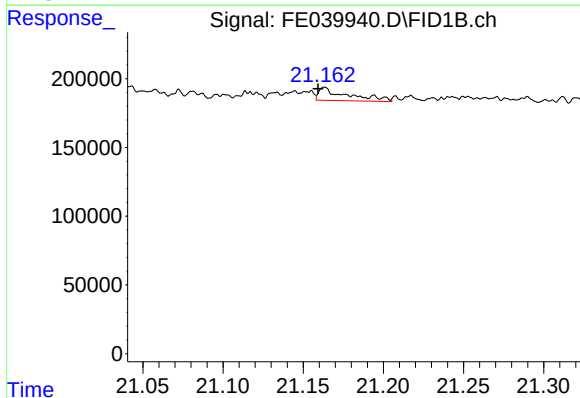
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min  
Delta R.T.: 0.003 min  
Response: 156140  
Conc: 1.26 ug/ml



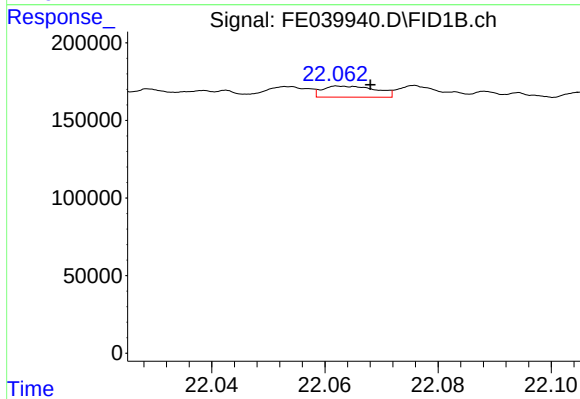
#20 n-Hexatriacontane (C36)

R.T.: 20.426 min  
Delta R.T.: 0.001 min  
Response: 209083  
Conc: 1.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min  
Delta R.T.: 0.004 min  
Response: 117173  
Conc: 0.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.064 min  
Delta R.T.: -0.004 min  
Response: 46862  
Conc: 0.39 ug/ml