

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022124AL\  
 Data File : FE046888.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Feb 2024 23:49  
 Operator : YP\AJ  
 Sample : P1547-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 22 00:49:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 20 11:04:00 2024  
 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)    | 11.791  | 4126365    | 25.115 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 50.23%       |
| 12) S 1-chlorooctadecane (S... | 13.232  | 3556271    | 28.889 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 57.78%       |
|                                |         |            |              |
| Target Compounds               |         |            |              |
| 6) T n-Tetradecane (C14)       | 8.360f  | 13645      | 0.088 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.476  | 51062      | 0.320 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.787  | 92896      | 0.614 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.455f | 42778      | 0.289 ug/ml  |
| 13) T n-Docosane (C22)         | 13.979  | 52150      | 0.358 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.098  | 504044     | 3.529 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.109  | 46335      | 0.332 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.066  | 92538      | 0.679 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.946  | 148567     | 1.065 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.773  | 192587     | 1.400 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.585  | 281011     | 2.092 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.311  | 58838      | 0.442 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.018  | 39217      | 0.285 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.901  | 30271      | 0.215 ug/ml  |
| -----                          |         |            |              |

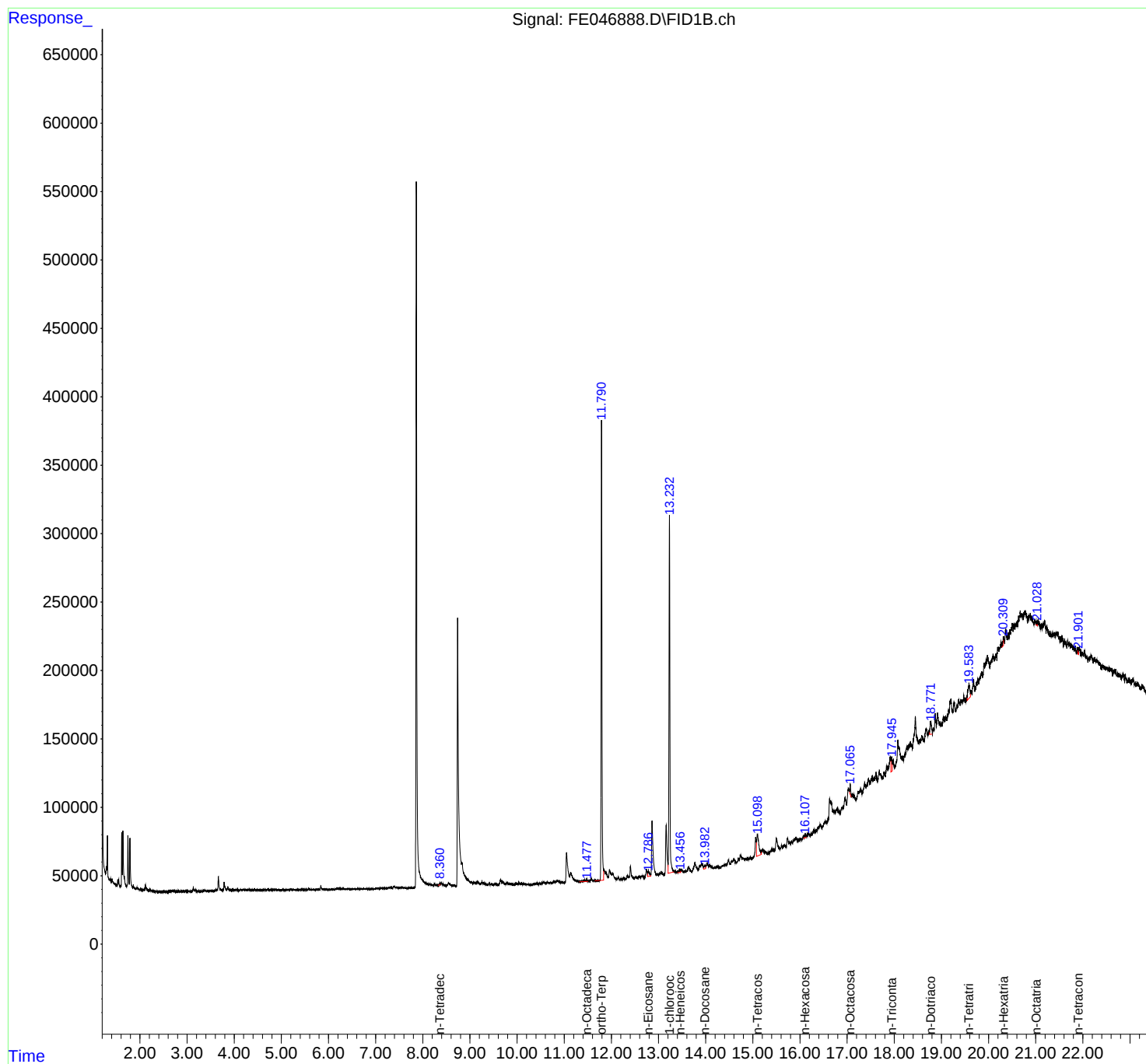
(f)=RT Delta > 1/2 Window

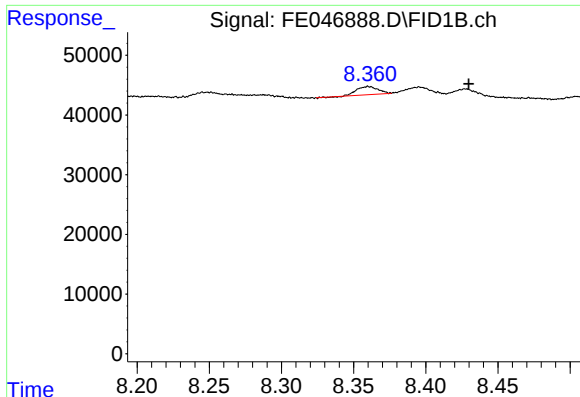
(m)=manual int.

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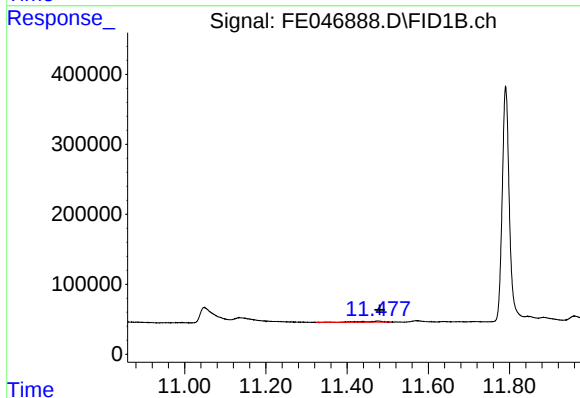
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





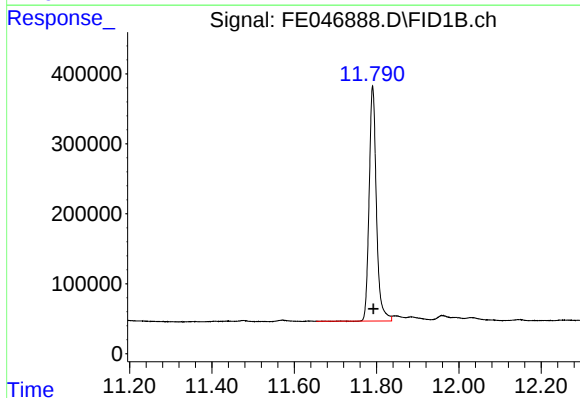
#6 n-Tetradecane (C14)

R.T.: 8.360 min  
Delta R.T.: -0.069 min  
Response: 13645  
Conc: 0.09 ug/ml



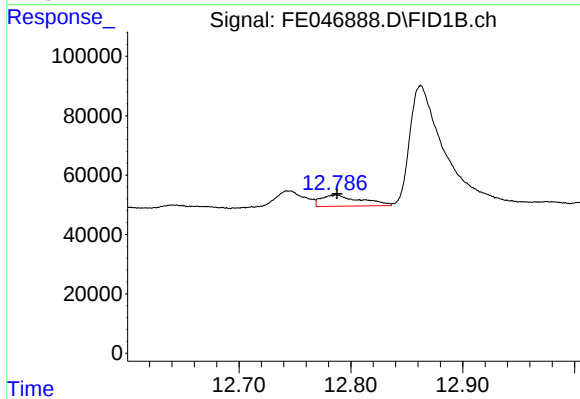
#8 n-Octadecane (C18)

R.T.: 11.476 min  
Delta R.T.: -0.004 min  
Response: 51062  
Conc: 0.32 ug/ml



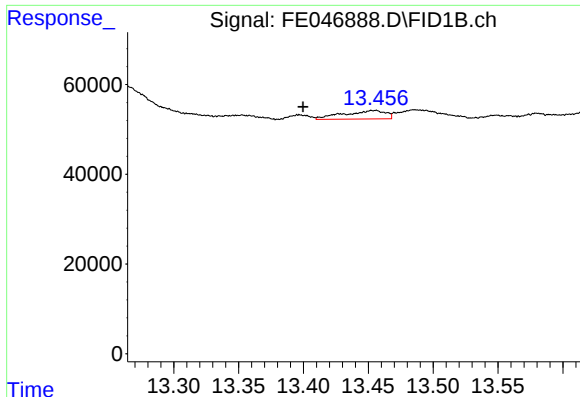
#9 ortho-Terphenyl (SURR)

R.T.: 11.791 min  
Delta R.T.: -0.002 min  
Response: 4126365  
Conc: 25.12 ug/ml



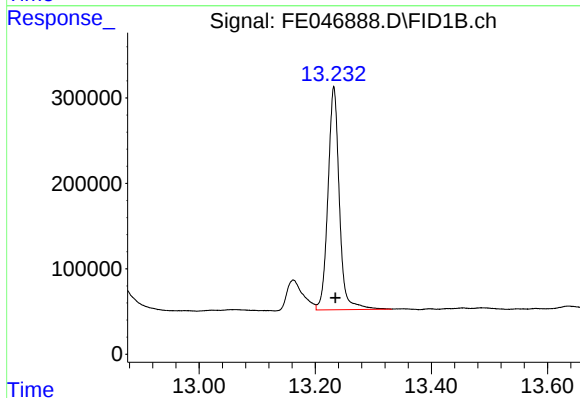
#10 n-Eicosane (C20)

R.T.: 12.787 min  
Delta R.T.: 0.000 min  
Response: 92896  
Conc: 0.61 ug/ml



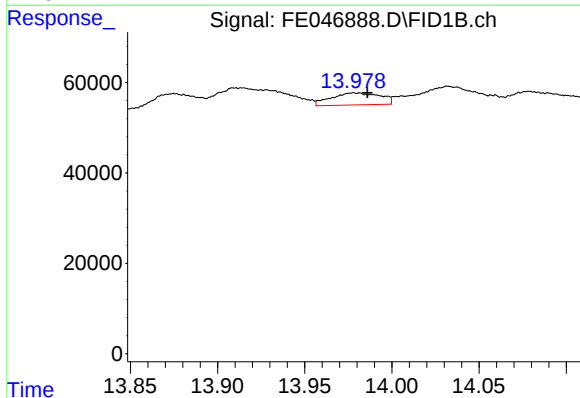
#11 n-Heneicosane (C21)

R.T.: 13.455 min  
Delta R.T.: 0.056 min  
Response: 42778  
Conc: 0.29 ug/ml



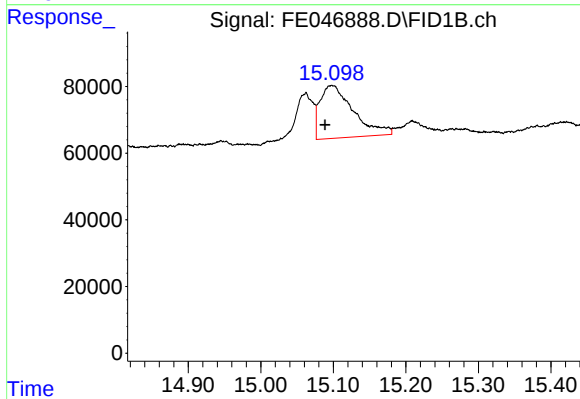
#12 1-chlorooctadecane (SURR)

R.T.: 13.232 min  
Delta R.T.: -0.003 min  
Response: 3556271  
Conc: 28.89 ug/ml



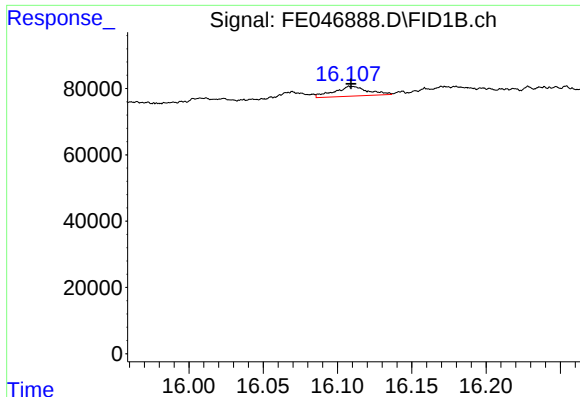
#13 n-Docosane (C22)

R.T.: 13.979 min  
Delta R.T.: -0.007 min  
Response: 52150  
Conc: 0.36 ug/ml



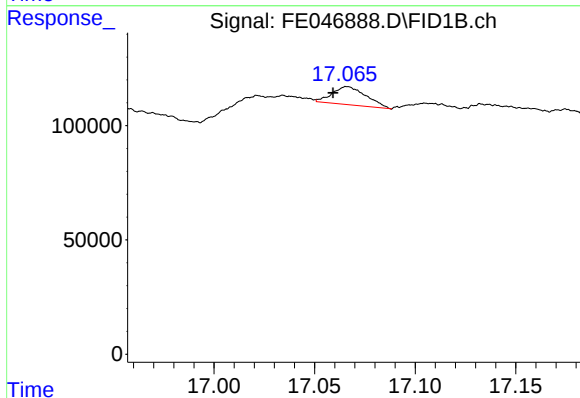
#14 n-Tetracosane (C24)

R.T.: 15.098 min  
Delta R.T.: 0.009 min  
Response: 504044  
Conc: 3.53 ug/ml



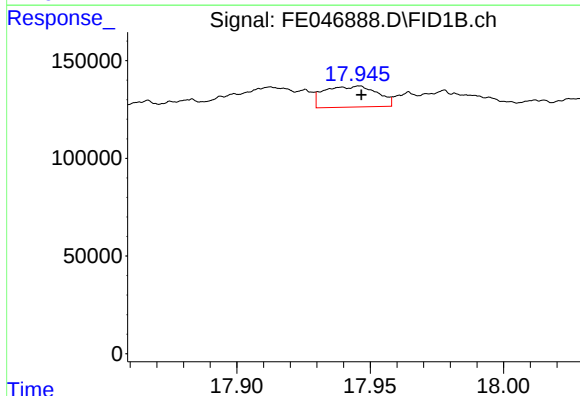
#15 n-Hexacosane (C26)

R.T.: 16.109 min  
Delta R.T.: 0.000 min  
Response: 46335  
Conc: 0.33 ug/ml



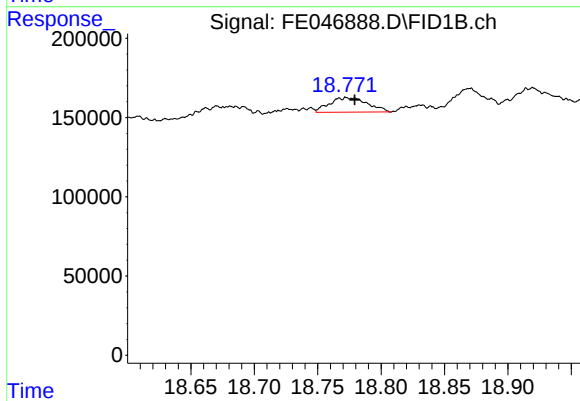
#16 n-Octacosane (C28)

R.T.: 17.066 min  
Delta R.T.: 0.007 min  
Response: 92538  
Conc: 0.68 ug/ml



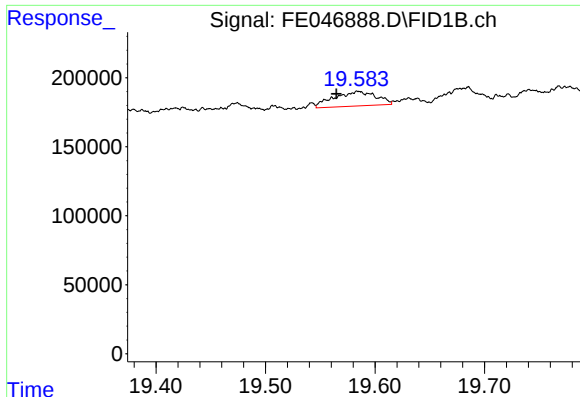
#17 n-Tricontane (C30)

R.T.: 17.946 min  
Delta R.T.: 0.000 min  
Response: 148567  
Conc: 1.06 ug/ml



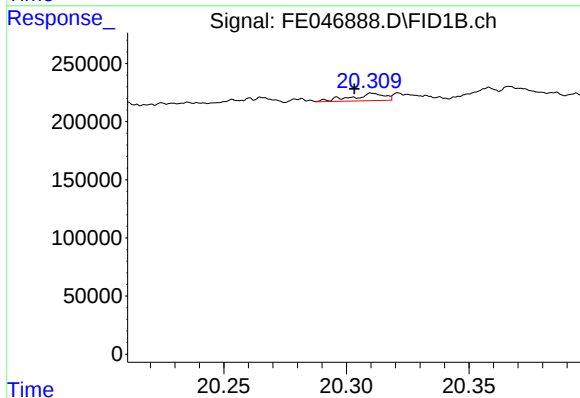
#18 n-Dotriacontane (C32)

R.T.: 18.773 min  
Delta R.T.: -0.006 min  
Response: 192587  
Conc: 1.40 ug/ml



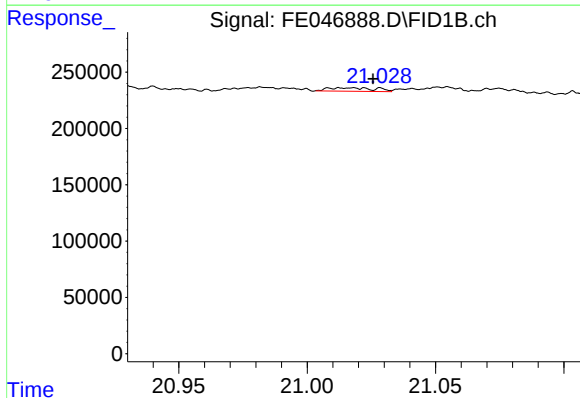
#19 n-Tetratriacontane (C34)

R.T.: 19.585 min  
Delta R.T.: 0.020 min  
Response: 281011  
Conc: 2.09 ug/ml



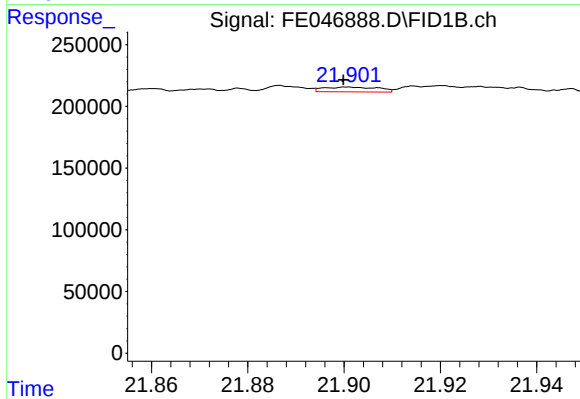
#20 n-Hexatriacontane (C36)

R.T.: 20.311 min  
Delta R.T.: 0.008 min  
Response: 58838  
Conc: 0.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.018 min  
Delta R.T.: -0.008 min  
Response: 39217  
Conc: 0.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.901 min  
Delta R.T.: 0.001 min  
Response: 30271  
Conc: 0.21 ug/ml