

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG083025AL\  
 Data File : FG016478.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Aug 2025 14:42  
 Operator : YP\AJ  
 Sample : Q2971-16  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 30 05:07:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 28 12:01:28 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)    | 12.073  | 4987945    | 37.677 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 75.35%       |
| 12) S 1-chlorooctadecane (S... | 13.518  | 4532698    | 45.030 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 90.06%       |
|                                |         |            |              |
| Target Compounds               |         |            |              |
| 3) T A~Naphthalene (C11.7)     | 6.373   | 51193      | 0.412 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.308  | 63157      | 0.529 ug/ml  |
| 10) T n-Eicosane (C20)         | 13.077  | 157850     | 1.353 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.703  | 256690     | 2.233 ug/ml  |
| 13) T n-Docosane (C22)         | 14.269  | 233206     | 2.041 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.369  | 1326574    | 11.662 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.365f | 108848     | 0.980 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.381  | 255879     | 2.367 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.264  | 179414     | 1.643 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 19.047f | 285177     | 2.712 ug/ml  |
| -----                          |         |            |              |

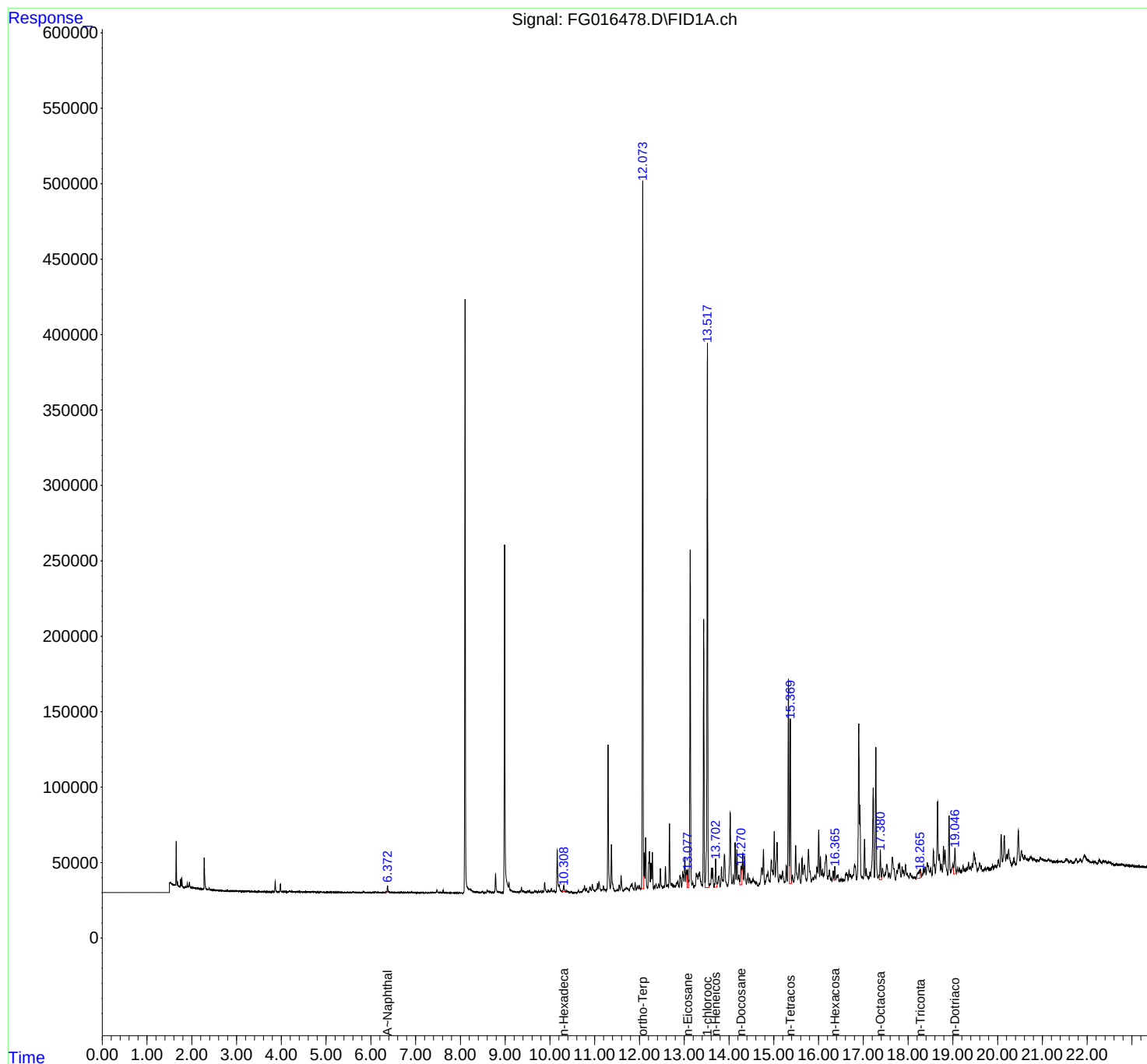
(f)=RT Delta > 1/2 Window

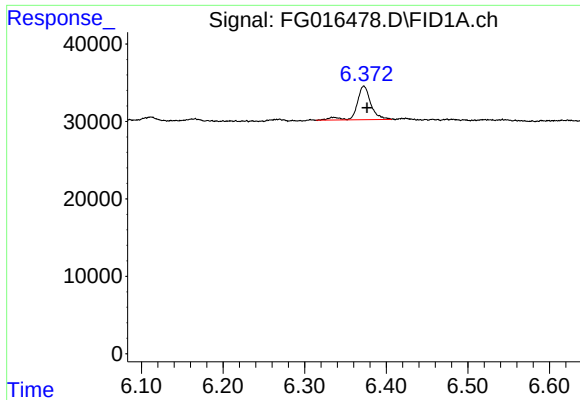
(m)=manual int.

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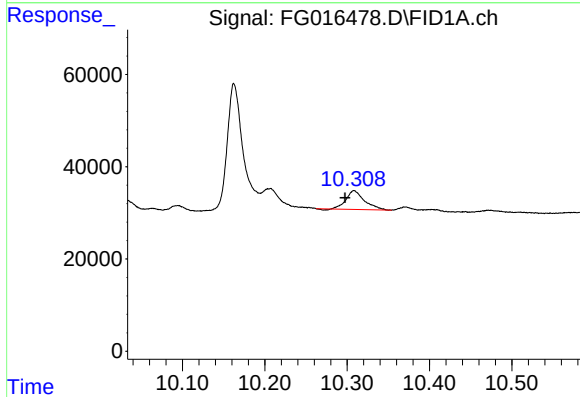
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





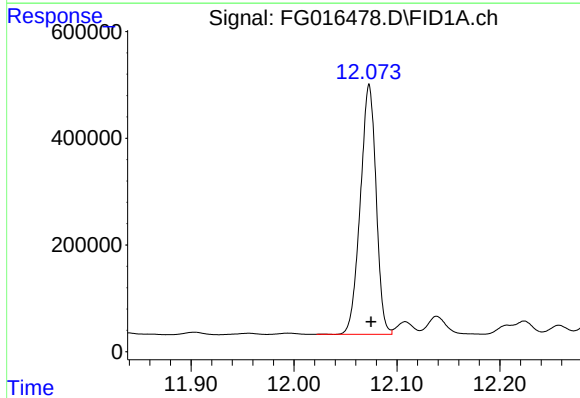
#3 A~Naphthalene (C11.7)

R.T.: 6.373 min  
Delta R.T.: -0.004 min  
Response: 51193  
Conc: 0.41 ug/ml



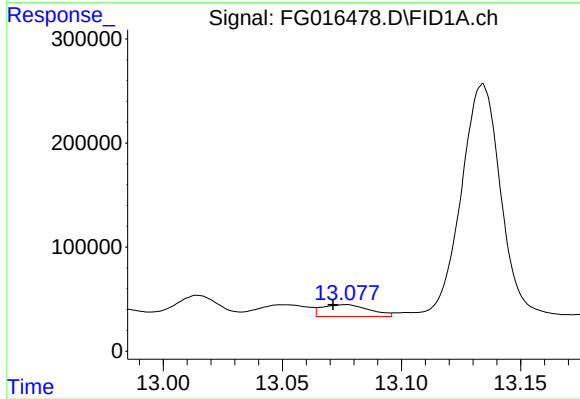
#7 n-Hexadecane (C16)

R.T.: 10.308 min  
Delta R.T.: 0.011 min  
Response: 63157  
Conc: 0.53 ug/ml



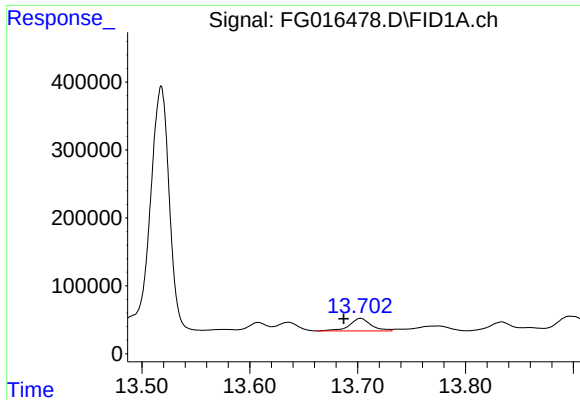
#9 ortho-Terphenyl (SURR)

R.T.: 12.073 min  
Delta R.T.: -0.002 min  
Response: 4987945  
Conc: 37.68 ug/ml



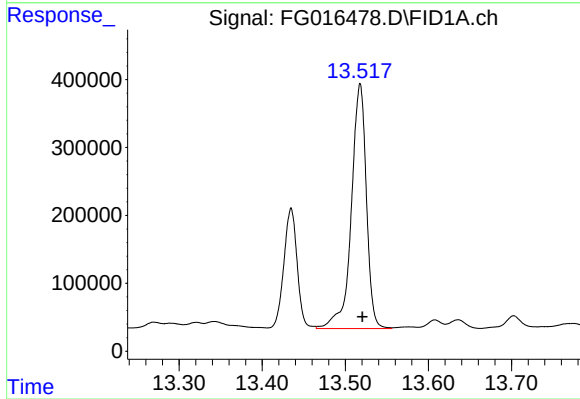
#10 n-Eicosane (C20)

R.T.: 13.077 min  
Delta R.T.: 0.006 min  
Response: 157850  
Conc: 1.35 ug/ml



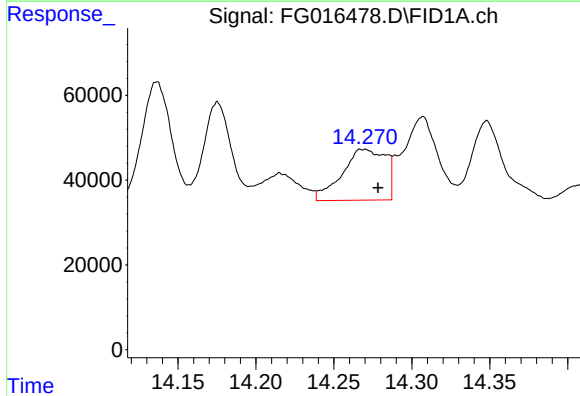
#11 n-Heneicosane (C21)

R.T.: 13.703 min  
Delta R.T.: 0.016 min  
Response: 256690  
Conc: 2.23 ug/ml



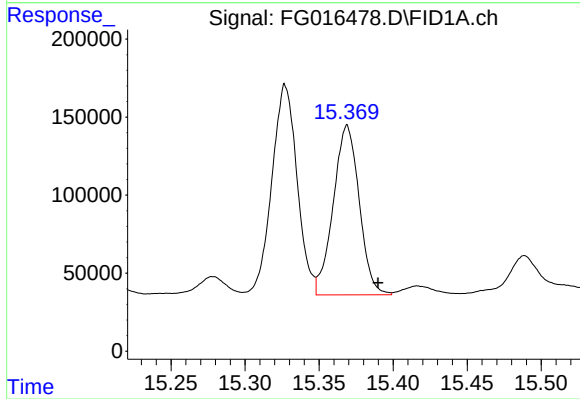
#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min  
Delta R.T.: -0.003 min  
Response: 4532698  
Conc: 45.03 ug/ml



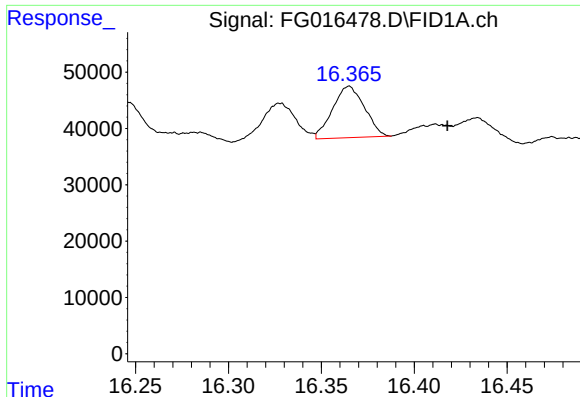
#13 n-Docosane (C22)

R.T.: 14.269 min  
Delta R.T.: -0.009 min  
Response: 233206  
Conc: 2.04 ug/ml



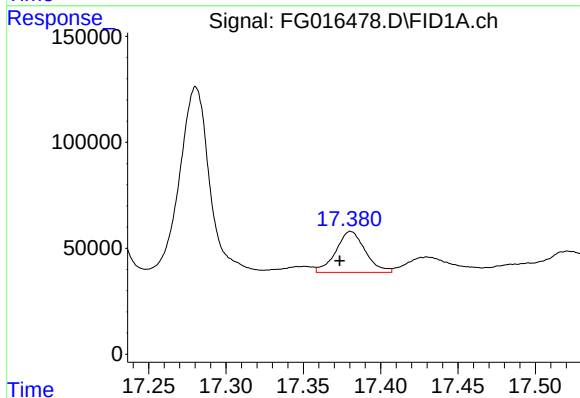
#14 n-Tetracosane (C24)

R.T.: 15.369 min  
Delta R.T.: -0.021 min  
Response: 1326574  
Conc: 11.66 ug/ml



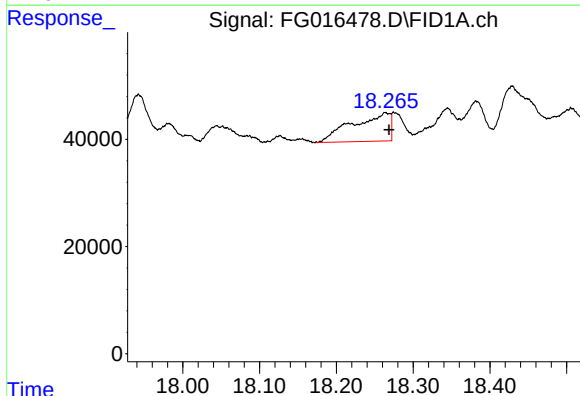
#15 n-Hexacosane (C26)

R.T.: 16.365 min  
Delta R.T.: -0.053 min  
Response: 108848  
Conc: 0.98 ug/ml



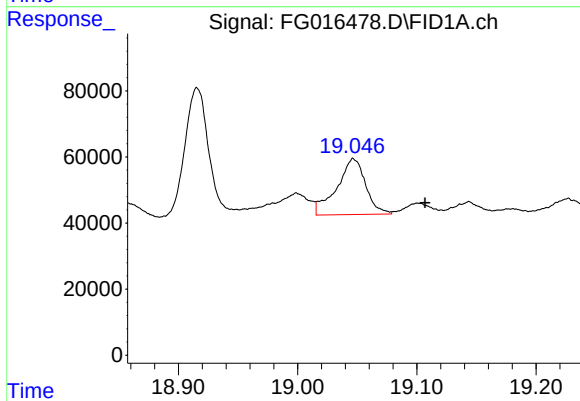
#16 n-Octacosane (C28)

R.T.: 17.381 min  
Delta R.T.: 0.007 min  
Response: 255879  
Conc: 2.37 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.264 min  
Delta R.T.: -0.005 min  
Response: 179414  
Conc: 1.64 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.047 min  
Delta R.T.: -0.060 min  
Response: 285177  
Conc: 2.71 ug/ml