

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020223AL\  
 Data File : FC062856.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Feb 2023 11:41  
 Operator : YP/AJ  
 Sample : 01385-02DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 02 23:38:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 012623.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 27 04:11:29 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)    | 11.540  | 806568     | 6.486 ug/ml  |
| Spiked Amount 50.000           |         | Recovery = | 12.97%       |
| 12) S 1-chlorooctadecane (S... | 12.977  | 1969425    | 20.880 ug/ml |
| Spiked Amount 50.000           |         | Recovery = | 41.76%       |
|                                |         |            |              |
| Target Compounds               |         |            |              |
| 3) T A~Naphthalene (C11.7)     | 5.950   | 2068609    | 17.491 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.008   | 1151872    | 10.528 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.133f  | 433489     | 4.225 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.791   | 771864     | 7.134 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.541  | 338174     | 3.102 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.155  | 693736     | 6.374 ug/ml  |
| 13) T n-Docosane (C22)         | 13.752  | 1174366    | 10.901 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.812  | 4028307    | 37.614 ug/ml |
| 16) T n-Octacosane (C28)       | 16.801  | 806793     | 7.721 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.454f | 711819     | 6.590 ug/ml  |
| -----                          |         |            |              |

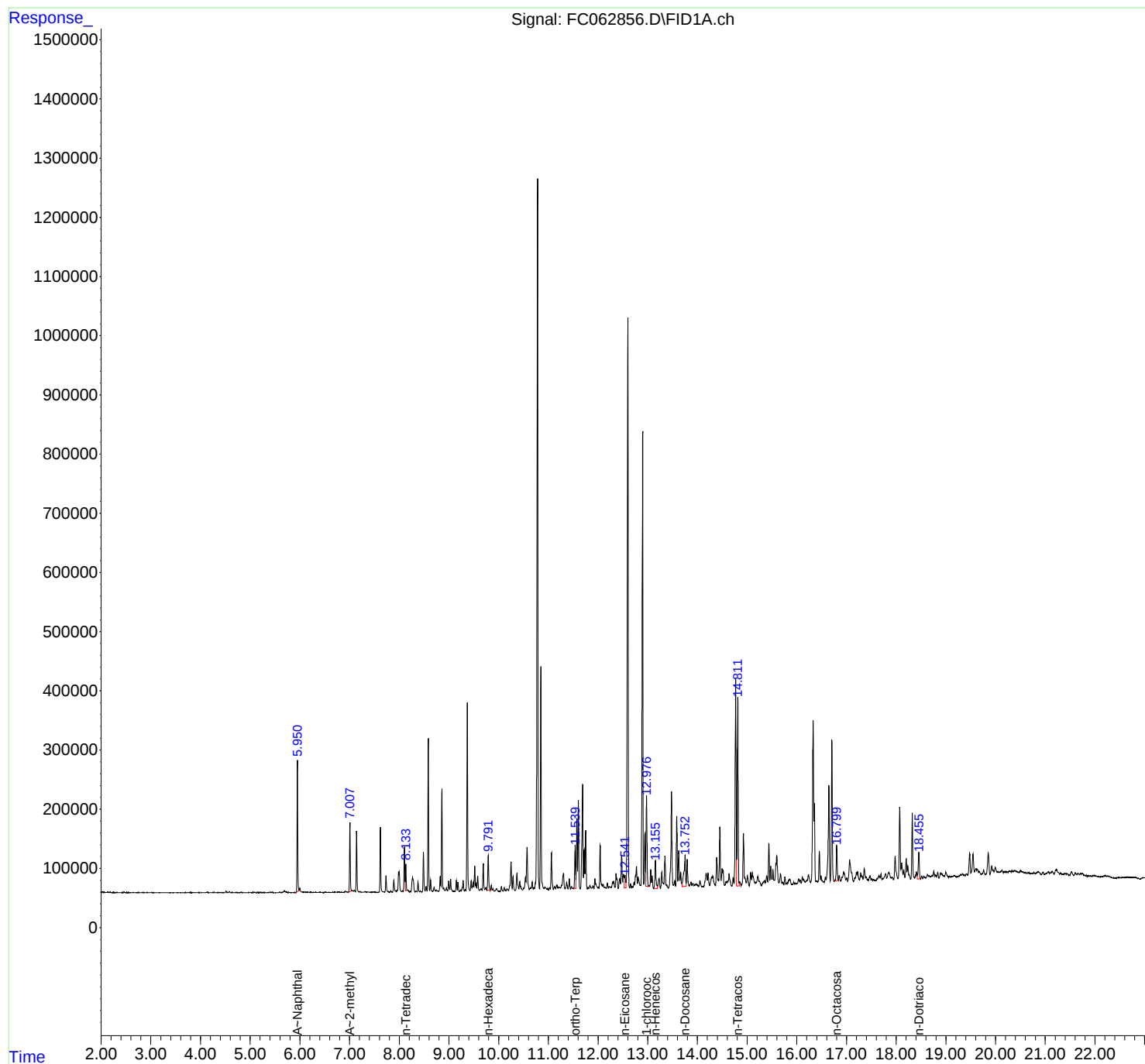
(f)=RT Delta > 1/2 Window

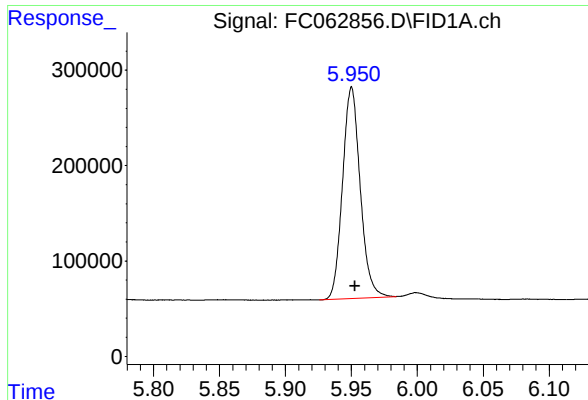
(m)=manual int.

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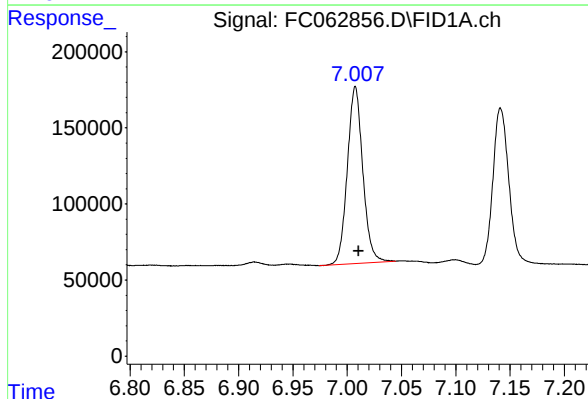
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





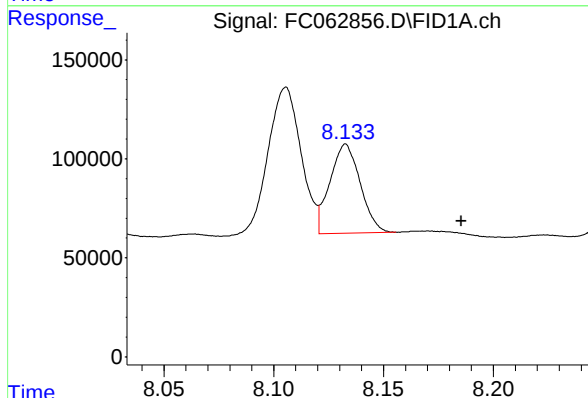
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 2068609  
Conc: 17.49 ug/ml



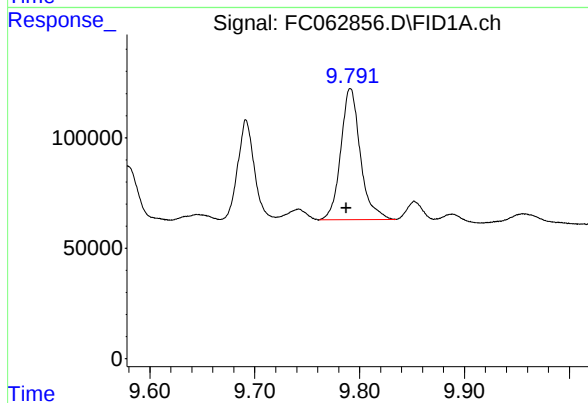
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min  
Delta R.T.: -0.003 min  
Response: 1151872  
Conc: 10.53 ug/ml



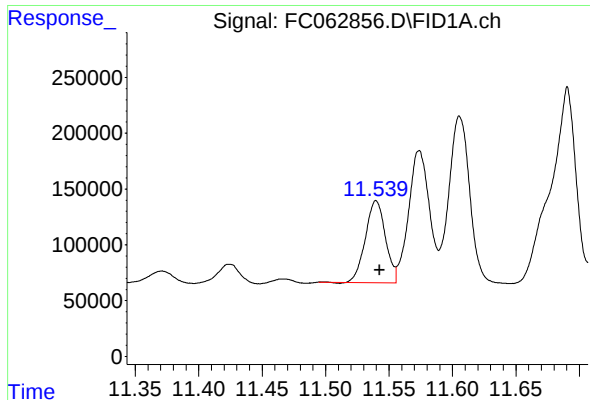
#6 n-Tetradecane (C14)

R.T.: 8.133 min  
Delta R.T.: -0.053 min  
Response: 433489  
Conc: 4.23 ug/ml



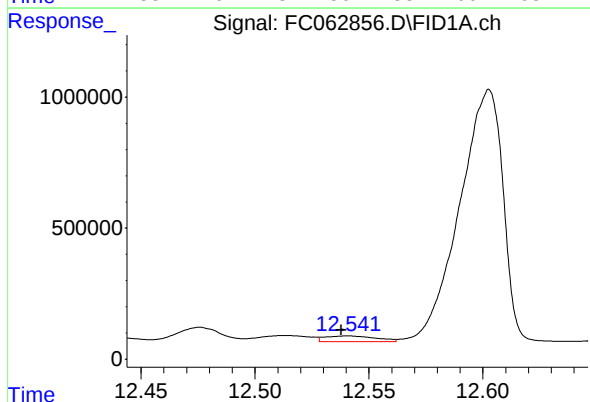
#7 n-Hexadecane (C16)

R.T.: 9.791 min  
Delta R.T.: 0.004 min  
Response: 771864  
Conc: 7.13 ug/ml



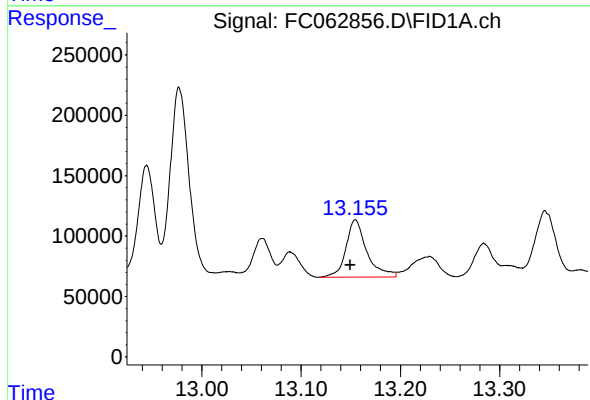
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min  
Delta R.T.: -0.003 min  
Response: 806568  
Conc: 6.49 ug/ml



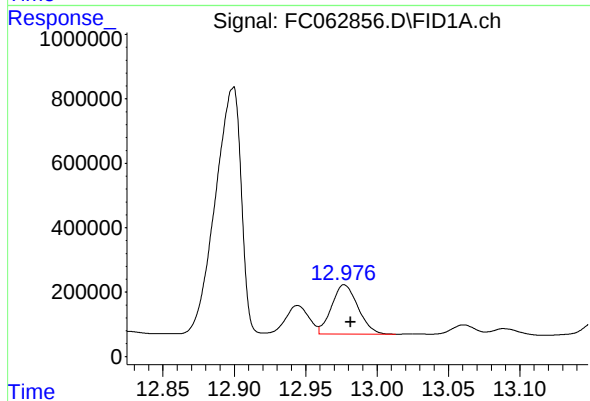
#10 n-Eicosane (C20)

R.T.: 12.541 min  
Delta R.T.: 0.003 min  
Response: 338174  
Conc: 3.10 ug/ml



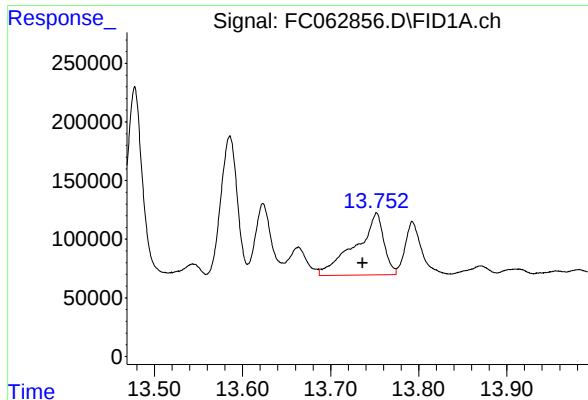
#11 n-Heneicosane (C21)

R.T.: 13.155 min  
Delta R.T.: 0.005 min  
Response: 693736  
Conc: 6.37 ug/ml



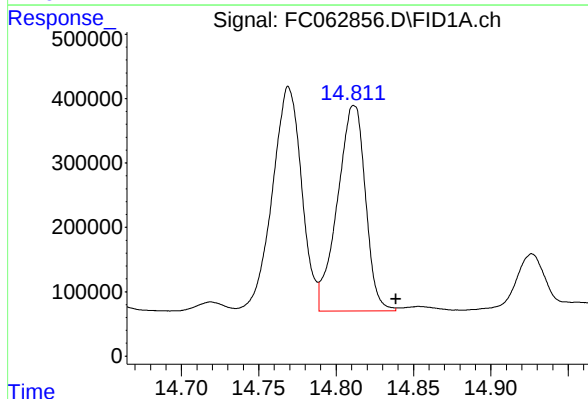
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min  
Delta R.T.: -0.005 min  
Response: 1969425  
Conc: 20.88 ug/ml



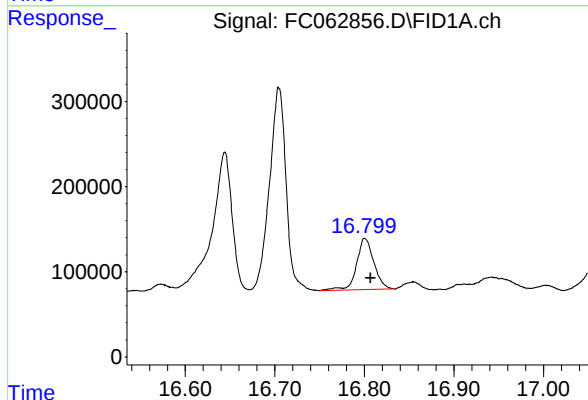
#13 n-Docosane (C22)

R.T.: 13.752 min  
Delta R.T.: 0.016 min  
Response: 1174366  
Conc: 10.90 ug/ml



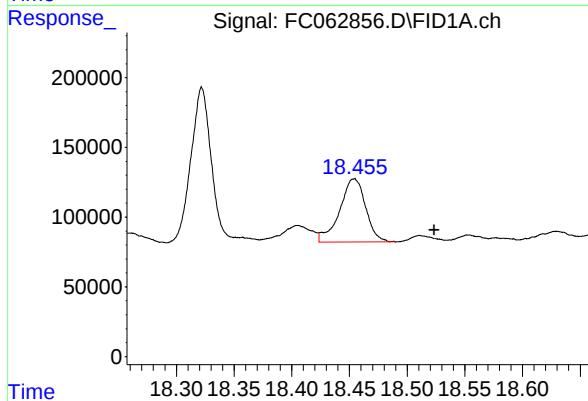
#14 n-Tetracosane (C24)

R.T.: 14.812 min  
Delta R.T.: -0.027 min  
Response: 4028307  
Conc: 37.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.801 min  
Delta R.T.: -0.006 min  
Response: 806793  
Conc: 7.72 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.454 min  
Delta R.T.: -0.069 min  
Response: 711819  
Conc: 6.59 ug/ml