

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122721AL\  
 Data File : FD040211.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Dec 2021 8:13  
 Operator : AJ\MA  
 Sample : M5238-02  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 28 08:39:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 23 13:40:18 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 10.735 | 3958843    | 26.268 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 52.54%       |
| 12) S 1-chlorooctadecane (S... | 12.170 | 3096902    | 26.229 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 52.46%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 7) T n-Hexadecane (C16)        | 8.989  | 45935      | 0.345 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.422 | 42049      | 0.302 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.725 | 51346      | 0.366 ug/ml  |
| 13) T n-Docosane (C22)         | 12.922 | 66291      | 0.468 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.994 | 31568      | 0.221 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.034 | 78774      | 0.580 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.956 | 27524      | 0.214 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.850 | 115728     | 0.964 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.697 | 116804     | 1.036 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.485 | 350386     | 3.205 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.218 | 399746     | 3.902 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.927 | 371378     | 3.873 ug/ml  |
| -----                          |        |            |              |

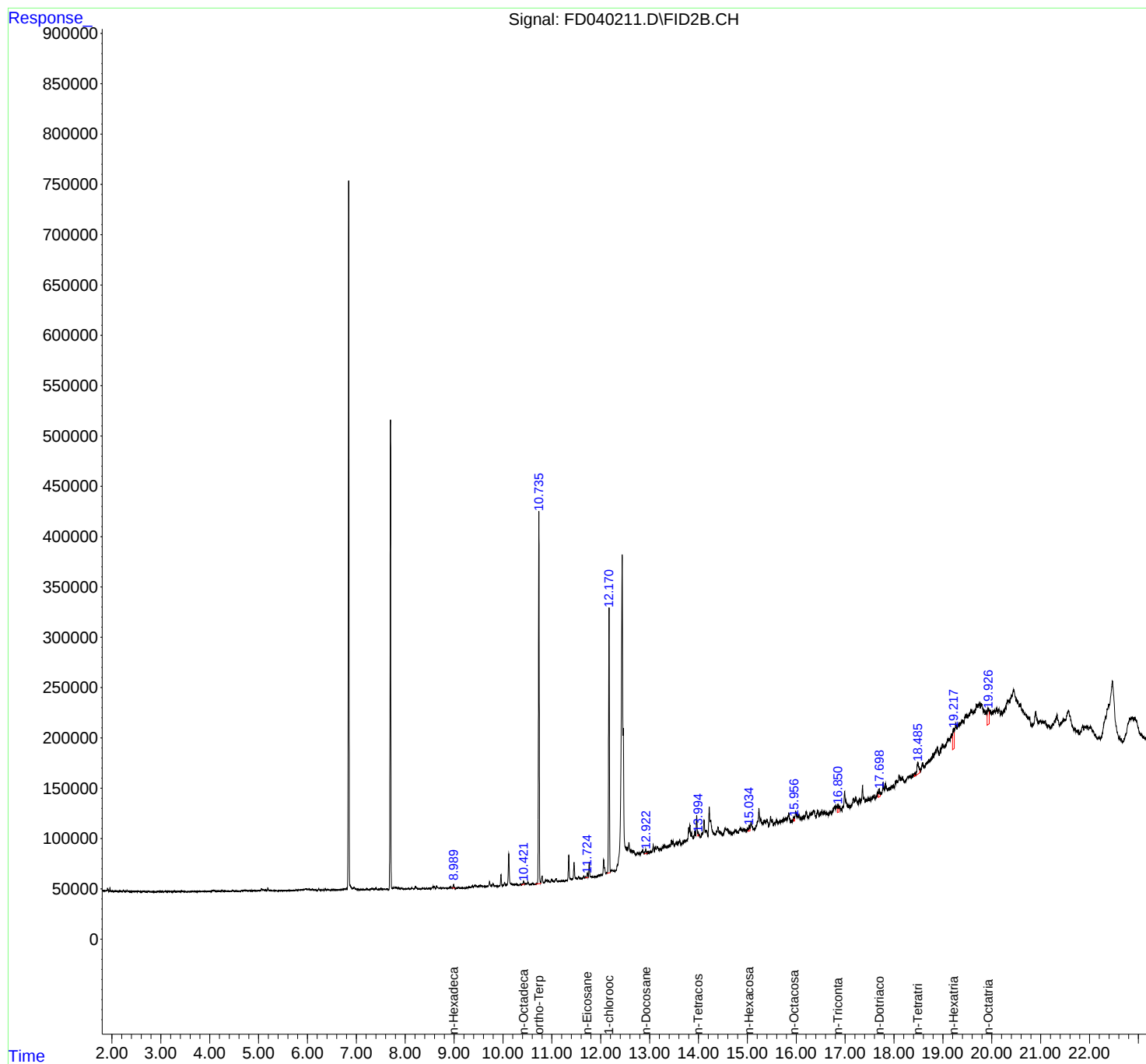
(f)=RT Delta > 1/2 Window

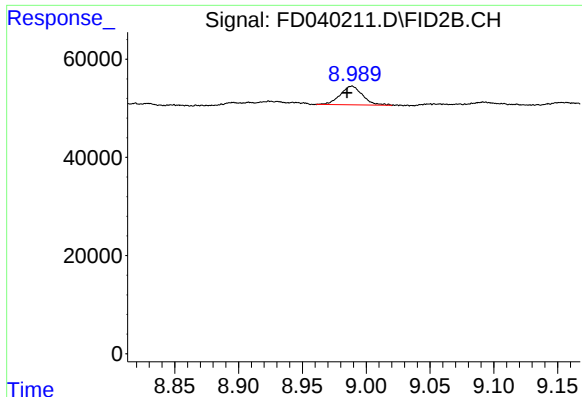
(m)=manual int.

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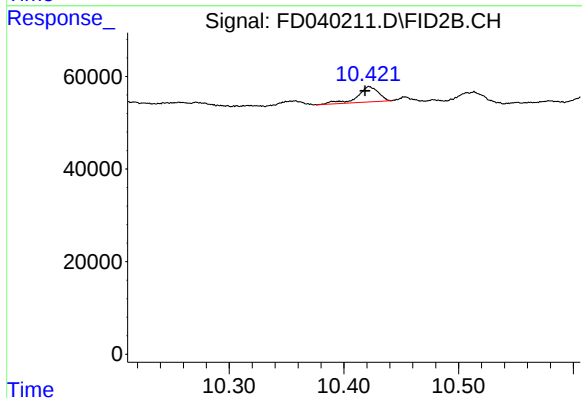
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Signal Info : 20M x 0.18mm x 0.18um





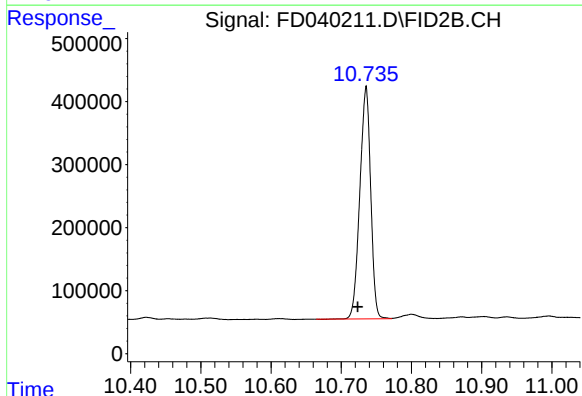
#7 n-Hexadecane (C16)

R.T.: 8.989 min  
Delta R.T.: 0.004 min  
Response: 45935  
Conc: 0.34 ug/ml



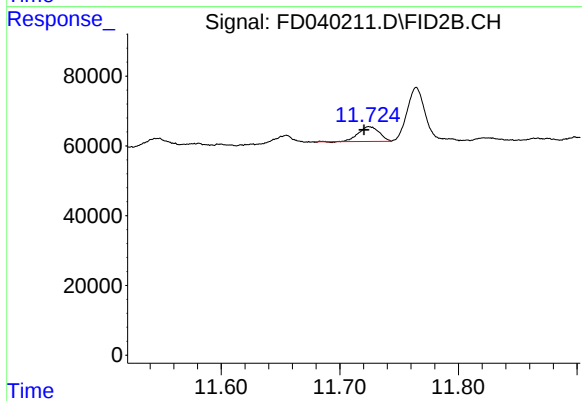
#8 n-Octadecane (C18)

R.T.: 10.422 min  
Delta R.T.: 0.003 min  
Response: 42049  
Conc: 0.30 ug/ml



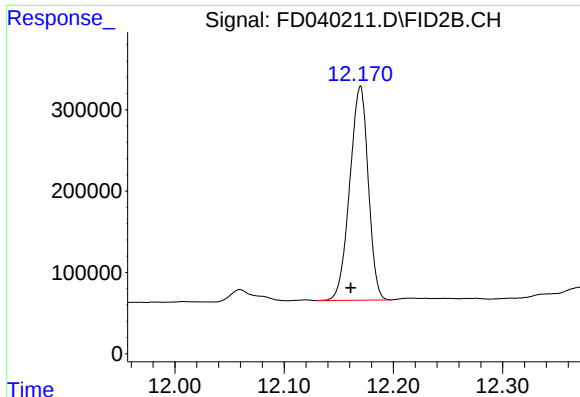
#9 ortho-Terphenyl (SURR)

R.T.: 10.735 min  
Delta R.T.: 0.012 min  
Response: 3958843  
Conc: 26.27 ug/ml



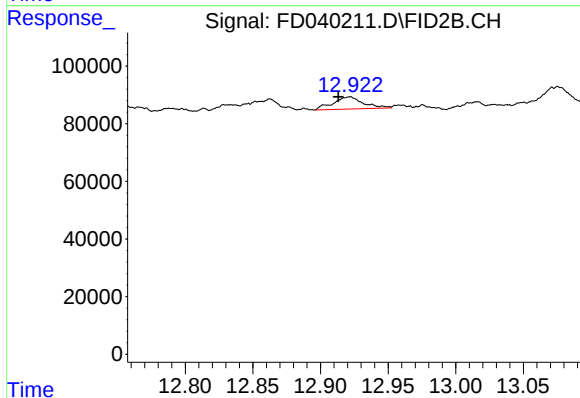
#10 n-Eicosane (C20)

R.T.: 11.725 min  
Delta R.T.: 0.004 min  
Response: 51346  
Conc: 0.37 ug/ml



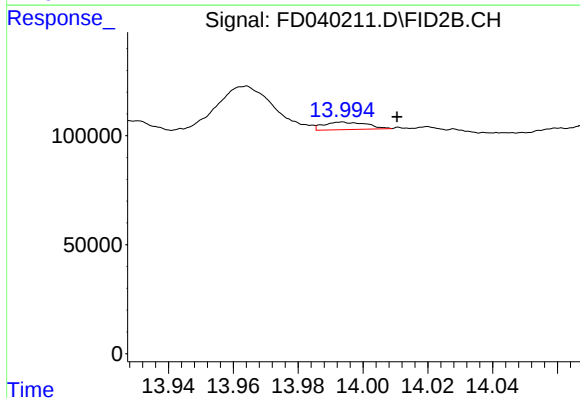
#12 1-chlorooctadecane (SURR)

R.T.: 12.170 min  
Delta R.T.: 0.009 min  
Response: 3096902  
Conc: 26.23 ug/ml



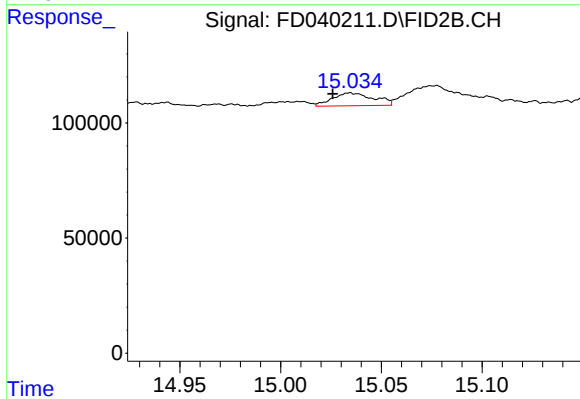
#13 n-Docosane (C22)

R.T.: 12.922 min  
Delta R.T.: 0.008 min  
Response: 66291  
Conc: 0.47 ug/ml



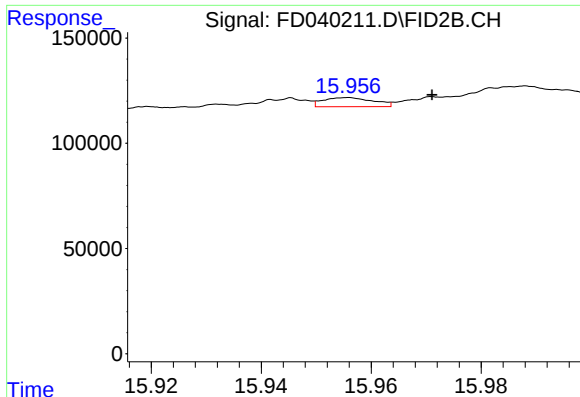
#14 n-Tetracosane (C24)

R.T.: 13.994 min  
Delta R.T.: -0.017 min  
Response: 31568  
Conc: 0.22 ug/ml



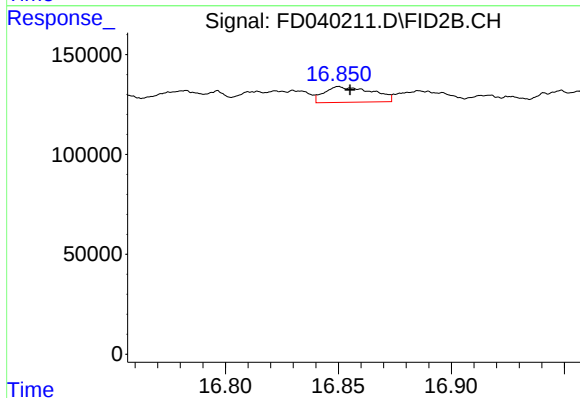
#15 n-Hexacosane (C26)

R.T.: 15.034 min  
Delta R.T.: 0.008 min  
Response: 78774  
Conc: 0.58 ug/ml



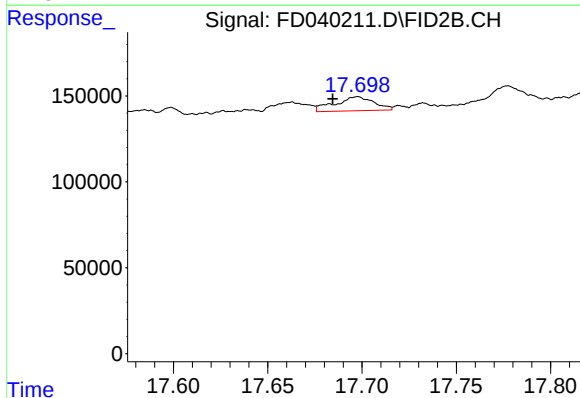
#16 n-Octacosane (C28)

R.T.: 15.956 min  
Delta R.T.: -0.015 min  
Response: 27524  
Conc: 0.21 ug/ml



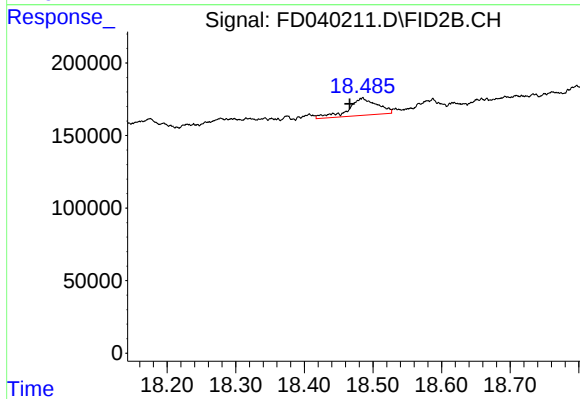
#17 n-Tricontane (C30)

R.T.: 16.850 min  
Delta R.T.: -0.005 min  
Response: 115728  
Conc: 0.96 ug/ml



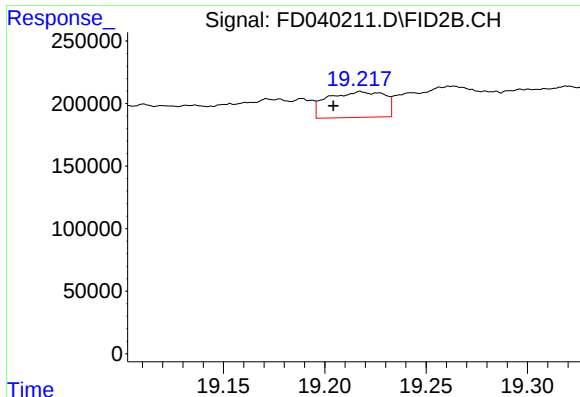
#18 n-Dotriacontane (C32)

R.T.: 17.697 min  
Delta R.T.: 0.013 min  
Response: 116804  
Conc: 1.04 ug/ml



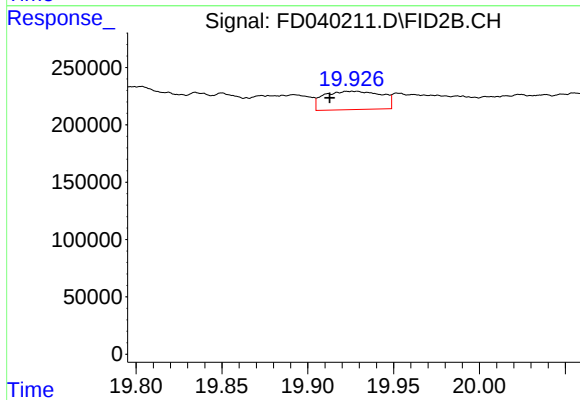
#19 n-Tetratriacontane (C34)

R.T.: 18.485 min  
Delta R.T.: 0.019 min  
Response: 350386  
Conc: 3.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.218 min  
Delta R.T.: 0.013 min  
Response: 399746  
Conc: 3.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.927 min  
Delta R.T.: 0.014 min  
Response: 371378  
Conc: 3.87 ug/ml