

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012422AL\  
 Data File : FD040756.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Jan 2022 23:39  
 Operator : AJ\MA  
 Sample : N1235-01DL 5X  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 25 04:21:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 010422.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 07:08:39 2022  
 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)    | 10.610 | 1207288    | 7.830 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 15.66%      |
| 12) S 1-chlorooctadecane (S... | 12.050 | 939877     | 7.985 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 15.97%      |
|                                |        |            |             |
| Target Compounds               |        |            |             |
| 6) T n-Tetradecane (C14)       | 7.293  | 48762      | 0.376 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.879  | 57374      | 0.440 ug/ml |
| 8) T n-Octadecane (C18)        | 10.311 | 53028      | 0.391 ug/ml |
| 10) T n-Eicosane (C20)         | 11.612 | 38280      | 0.281 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.221 | 42617      | 0.308 ug/ml |
| 13) T n-Docosane (C22)         | 12.802 | 36939      | 0.268 ug/ml |
| 16) T n-Octacosane (C28)       | 15.860 | 52375      | 0.386 ug/ml |
| 17) T n-Tricontane (C30)       | 16.742 | 76707      | 0.589 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.571 | 131555     | 1.100 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.349 | 145714     | 1.384 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.093 | 89818      | 0.886 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.646 | 37821      | 0.442 ug/ml |
| -----                          |        |            |             |

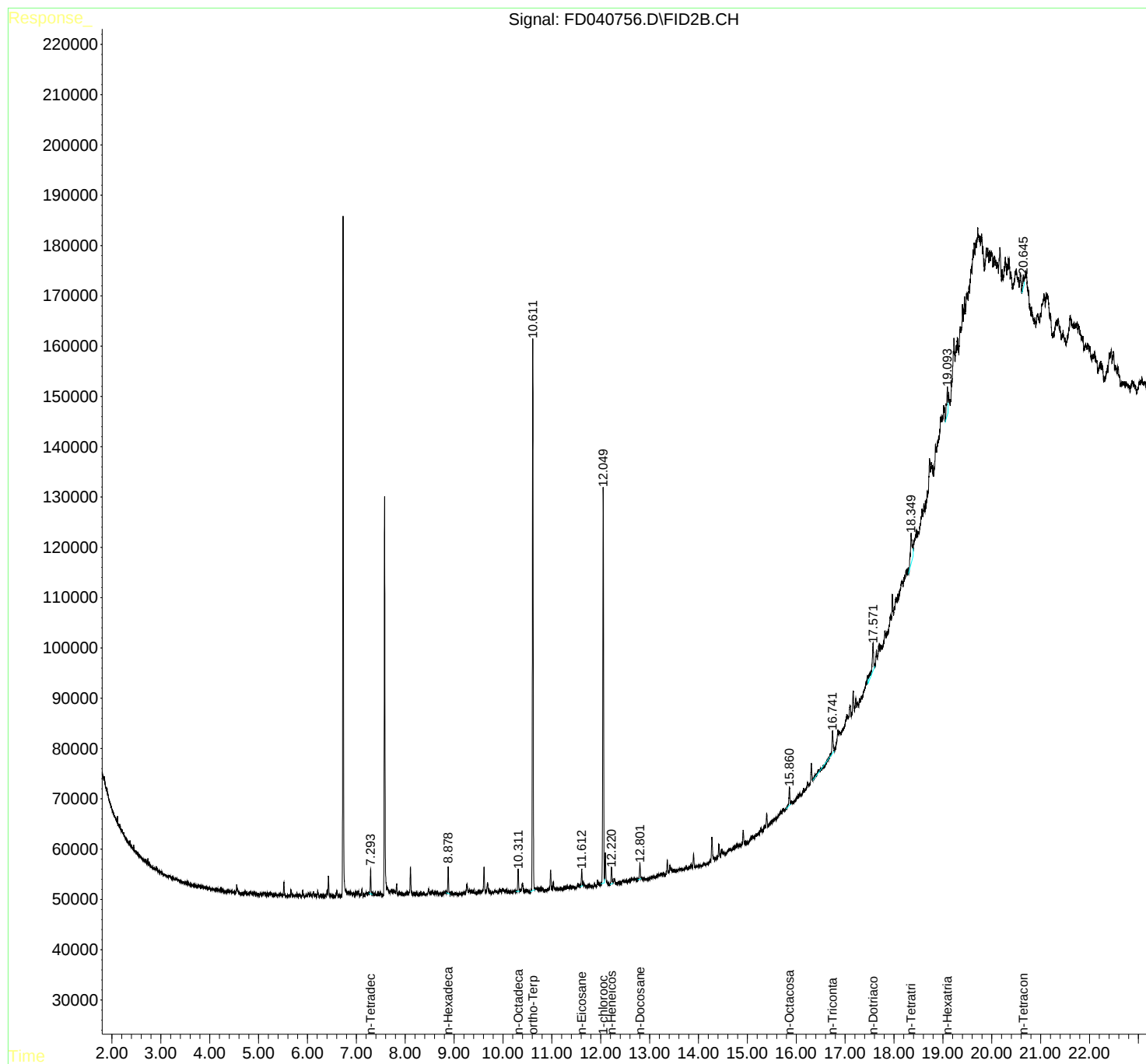
(f)=RT Delta > 1/2 Window

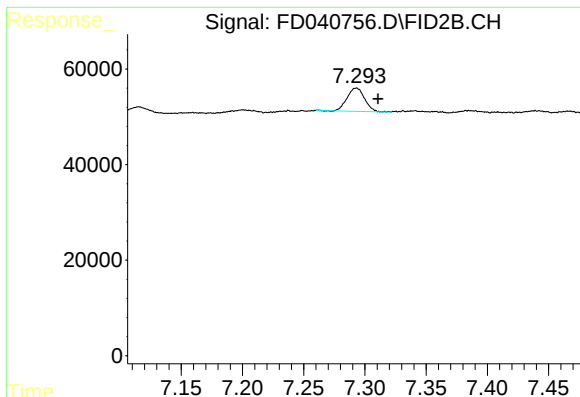
(m)=manual int.

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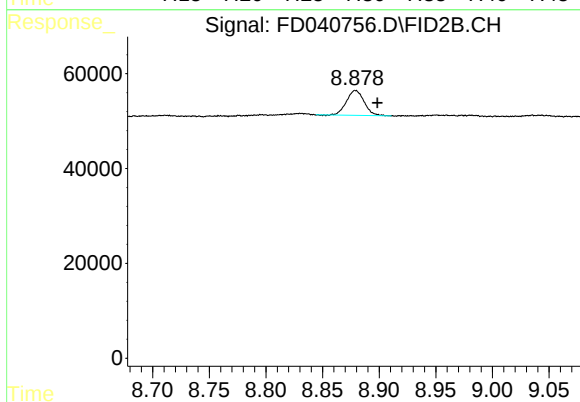
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





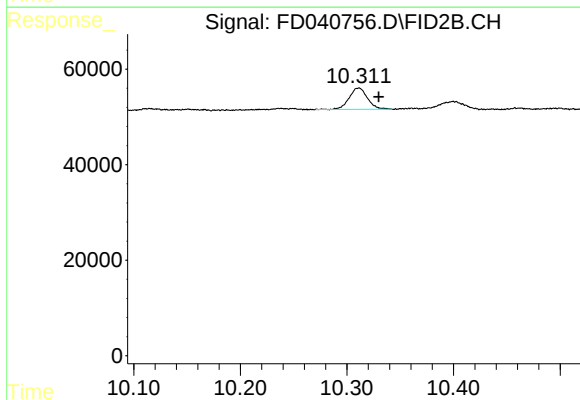
#6 n-Tetradecane (C14)

R.T.: 7.293 min  
Delta R.T.: -0.018 min  
Response: 48762  
Conc: 0.38 ug/ml



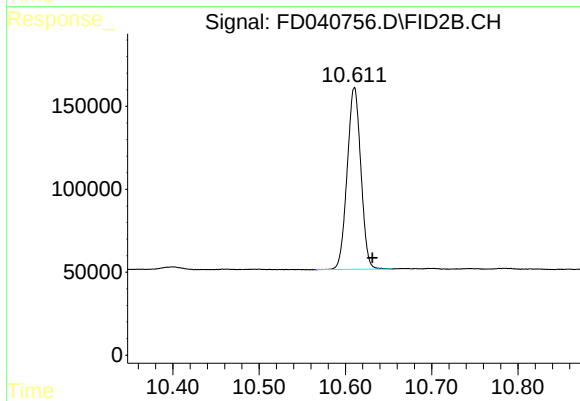
#7 n-Hexadecane (C16)

R.T.: 8.879 min  
Delta R.T.: -0.019 min  
Response: 57374  
Conc: 0.44 ug/ml



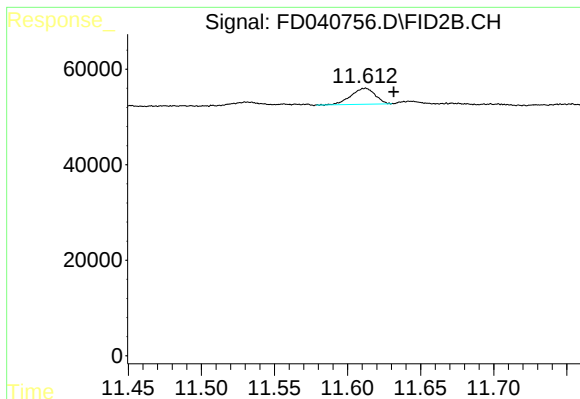
#8 n-Octadecane (C18)

R.T.: 10.311 min  
Delta R.T.: -0.019 min  
Response: 53028  
Conc: 0.39 ug/ml



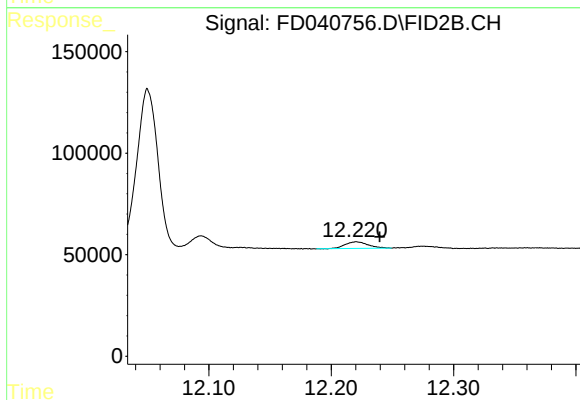
#9 ortho-Terphenyl (SURR)

R.T.: 10.610 min  
Delta R.T.: -0.021 min  
Response: 1207288  
Conc: 7.83 ug/ml



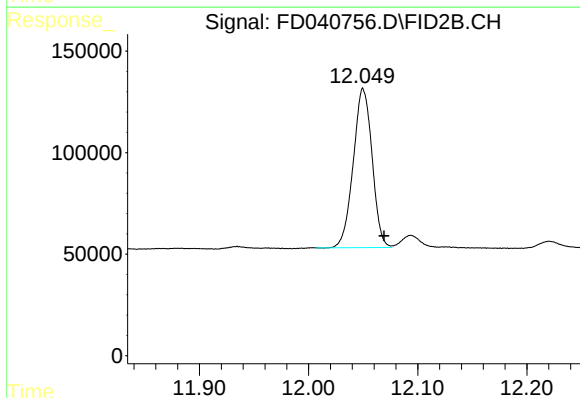
#10 n-Eicosane (C20)

R.T.: 11.612 min  
Delta R.T.: -0.020 min  
Response: 38280  
Conc: 0.28 ug/ml



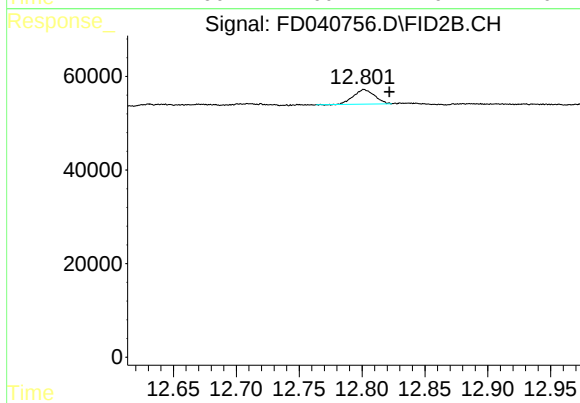
#11 n-Heneicosane (C21)

R.T.: 12.221 min  
Delta R.T.: -0.019 min  
Response: 42617  
Conc: 0.31 ug/ml



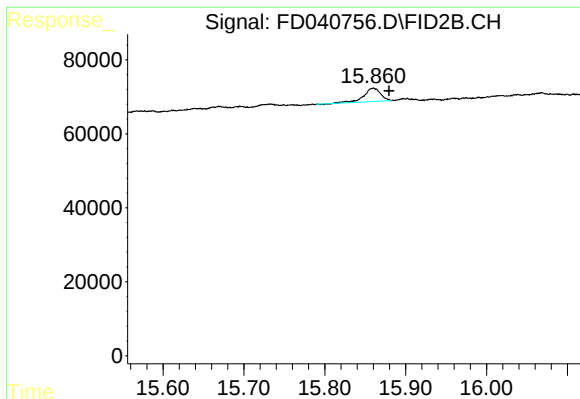
#12 1-chlorooctadecane (SURR)

R.T.: 12.050 min  
Delta R.T.: -0.019 min  
Response: 939877  
Conc: 7.98 ug/ml



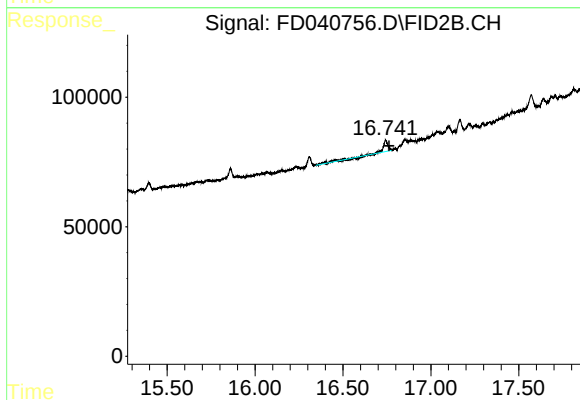
#13 n-Docosane (C22)

R.T.: 12.802 min  
Delta R.T.: -0.020 min  
Response: 36939  
Conc: 0.27 ug/ml



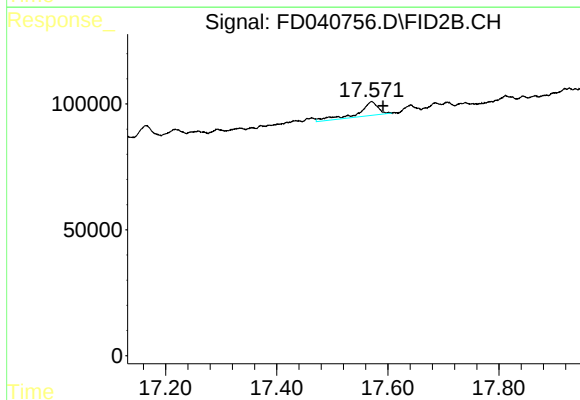
#16 n-Octacosane (C28)

R.T.: 15.860 min  
Delta R.T.: -0.020 min  
Response: 52375  
Conc: 0.39 ug/ml



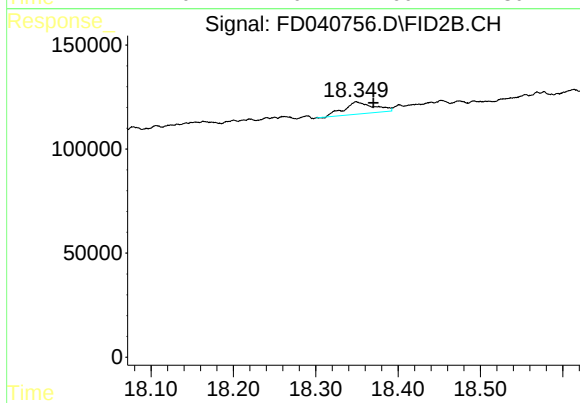
#17 n-Tricontane (C30)

R.T.: 16.742 min  
Delta R.T.: -0.020 min  
Response: 76707  
Conc: 0.59 ug/ml



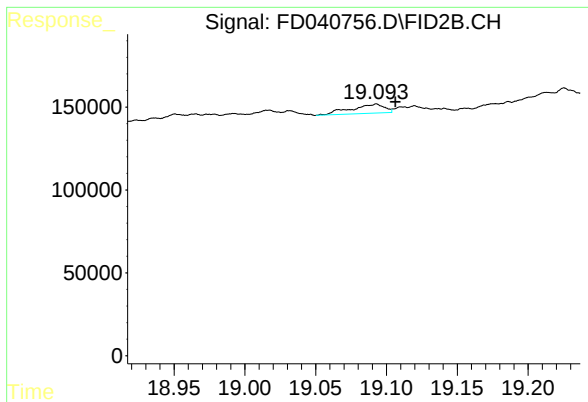
#18 n-Dotriacontane (C32)

R.T.: 17.571 min  
Delta R.T.: -0.020 min  
Response: 131555  
Conc: 1.10 ug/ml



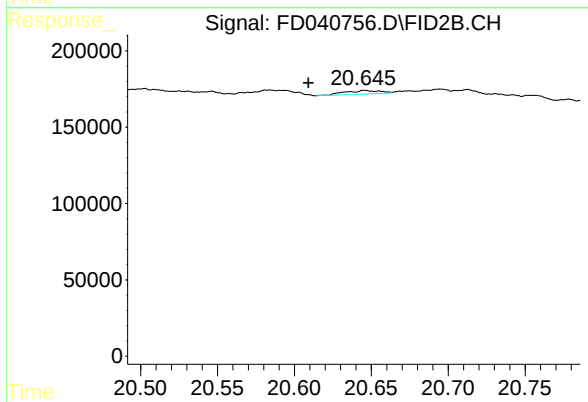
#19 n-Tetratriacontane (C34)

R.T.: 18.349 min  
Delta R.T.: -0.021 min  
Response: 145714  
Conc: 1.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.093 min  
Delta R.T.: -0.014 min  
Response: 89818  
Conc: 0.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.646 min  
Delta R.T.: 0.037 min  
Response: 37821  
Conc: 0.44 ug/ml