

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051719AL\  
 Data File : FC041253.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 May 2019 9:59  
 Operator : EI\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 18 03:25:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 051519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 15 16:14:00 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

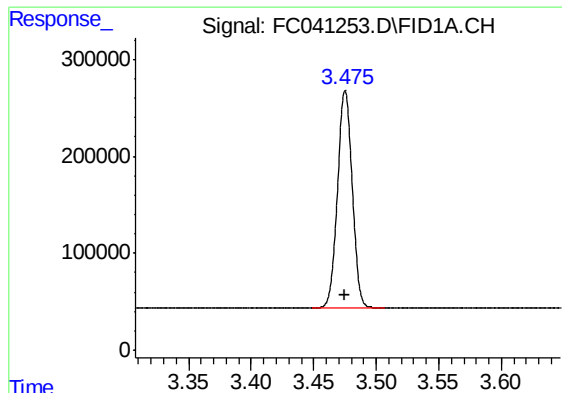
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.703 | 2108100    | 20.894 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.79%       |
| 12) S 1-chlorooctadecane (S... | 13.130 | 1669652    | 21.030 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.06%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.475  | 1832925    | 21.356 ug/ml |
| 2) T n-Decane (C10)            | 4.547  | 1869429    | 21.449 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.139  | 2170123    | 21.126 ug/ml |
| 4) T n-Dodecane (C12)          | 6.560  | 1878541    | 21.307 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.191  | 2177832    | 21.058 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 1903993    | 21.239 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.942  | 1907082    | 21.139 ug/ml |
| 8) T n-Octadecane (C18)        | 11.379 | 1909278    | 21.132 ug/ml |
| 10) T n-Eicosane (C20)         | 12.684 | 1910217    | 20.988 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.294 | 1898539    | 20.953 ug/ml |
| 13) T n-Docosane (C22)         | 13.879 | 1905316    | 21.033 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.978 | 1928595    | 21.211 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.997 | 1940308    | 21.378 ug/ml |
| 16) T n-Octacosane (C28)       | 16.945 | 1980689    | 21.633 ug/ml |
| 17) T n-Tricontane (C30)       | 17.831 | 1979490    | 22.032 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.662 | 1861238    | 22.243 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.444 | 1567188    | 21.923 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.181 | 1363880    | 21.404 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.935 | 1240651    | 20.559 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.875 | 1080274    | 18.360 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

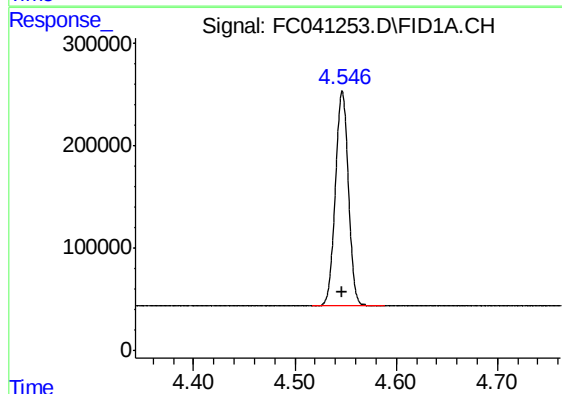
(m)=manual int.





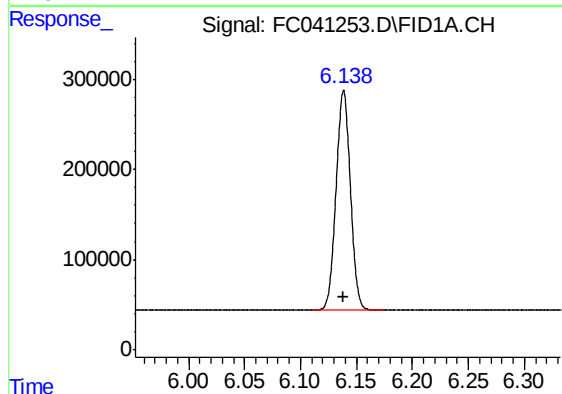
#1 n-Nonane (C9)

R.T.: 3.475 min  
Delta R.T.: 0.000 min  
Response: 1832925  
Conc: 21.36 ug/ml



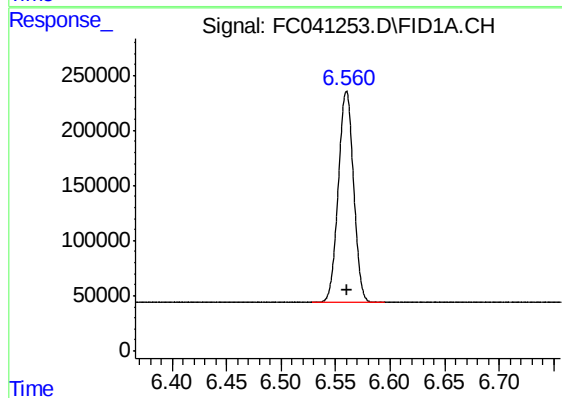
#2 n-Decane (C10)

R.T.: 4.547 min  
Delta R.T.: 0.000 min  
Response: 1869429  
Conc: 21.45 ug/ml



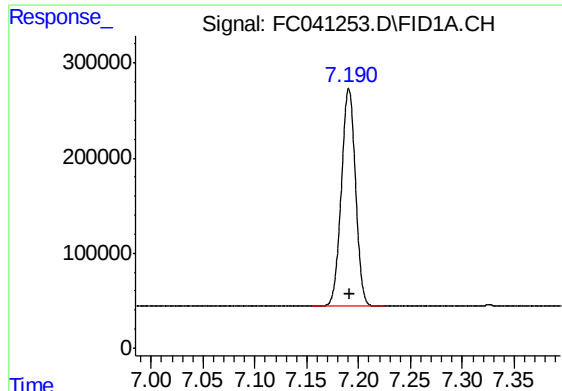
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 2170123  
Conc: 21.13 ug/ml



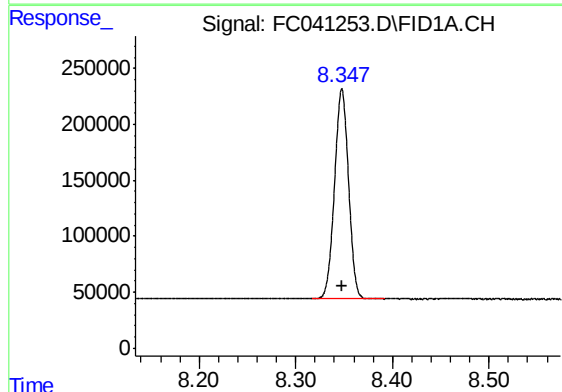
#4 n-Dodecane (C12)

R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 1878541  
Conc: 21.31 ug/ml



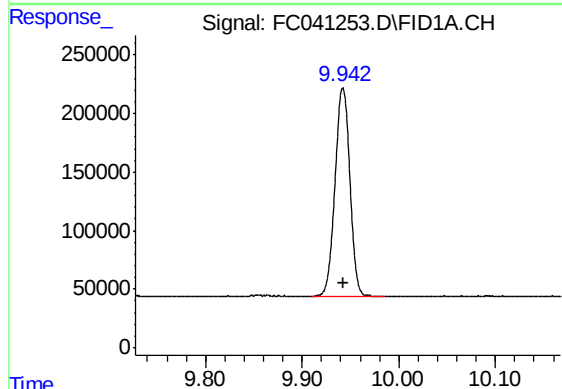
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min  
Delta R.T.: -0.001 min  
Response: 2177832  
Conc: 21.06 ug/ml



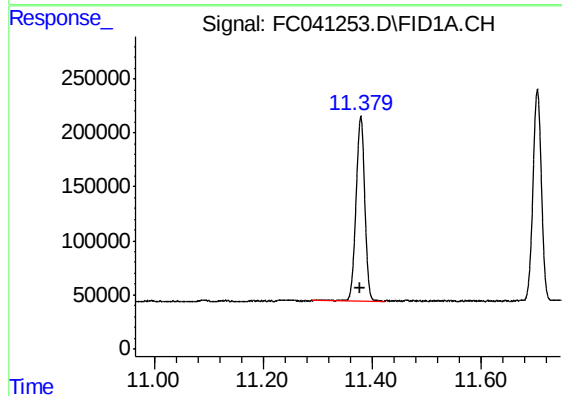
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: 0.000 min  
Response: 1903993  
Conc: 21.24 ug/ml



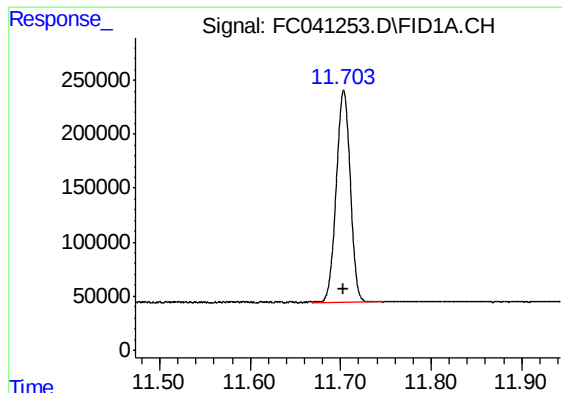
#7 n-Hexadecane (C16)

R.T.: 9.942 min  
Delta R.T.: 0.000 min  
Response: 1907082  
Conc: 21.14 ug/ml



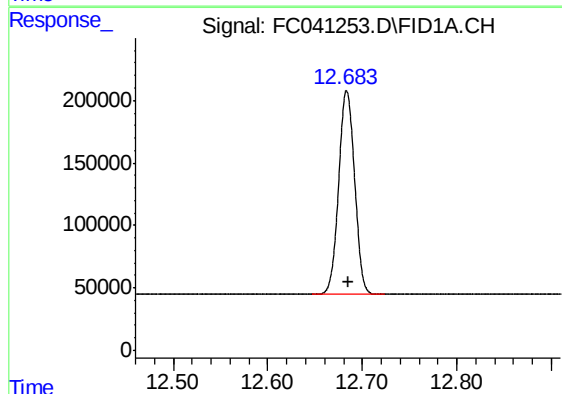
#8 n-Octadecane (C18)

R.T.: 11.379 min  
Delta R.T.: 0.000 min  
Response: 1909278  
Conc: 21.13 ug/ml



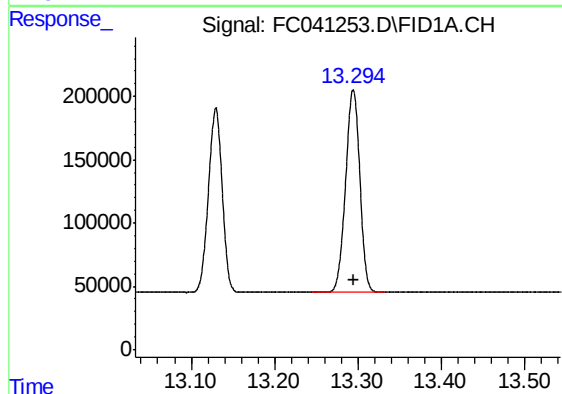
#9 ortho-Terphenyl (SURR)

R.T.: 11.703 min  
Delta R.T.: 0.000 min  
Response: 2108100  
Conc: 20.89 ug/ml



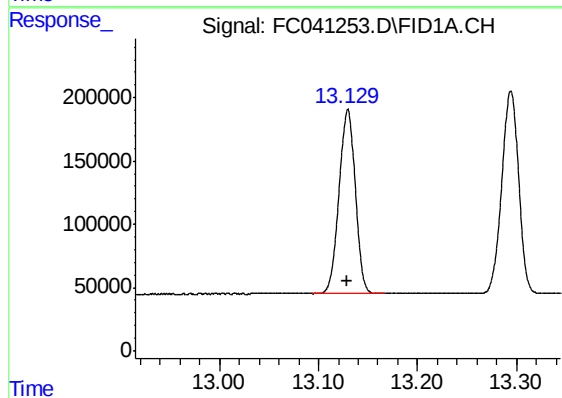
#10 n-Eicosane (C20)

R.T.: 12.684 min  
Delta R.T.: -0.001 min  
Response: 1910217  
Conc: 20.99 ug/ml



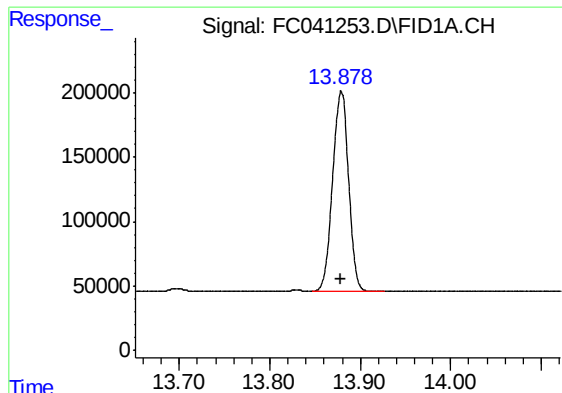
#11 n-Heneicosane (C21)

R.T.: 13.294 min  
Delta R.T.: 0.000 min  
Response: 1898539  
Conc: 20.95 ug/ml



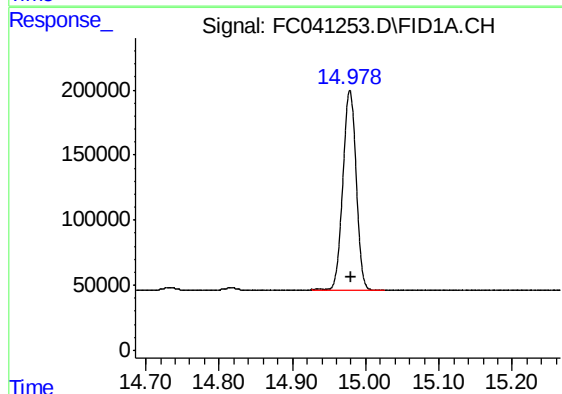
#12 1-chlorooctadecane (SURR)

R.T.: 13.130 min  
Delta R.T.: 0.000 min  
Response: 1669652  
Conc: 21.03 ug/ml



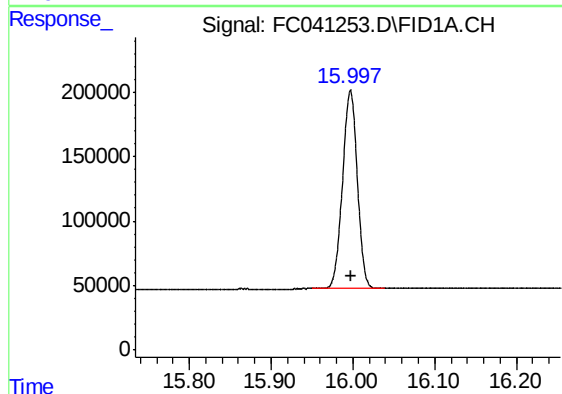
#13 n-Docosane (C22)

R.T.: 13.879 min  
Delta R.T.: 0.000 min  
Response: 1905316  
Conc: 21.03 ug/ml



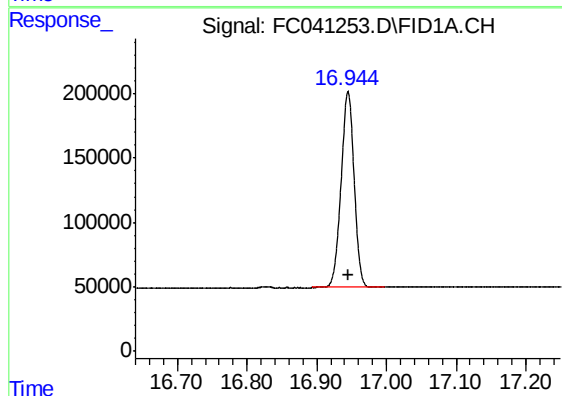
#14 n-Tetracosane (C24)

R.T.: 14.978 min  
Delta R.T.: -0.001 min  
Response: 1928595  
Conc: 21.21 ug/ml



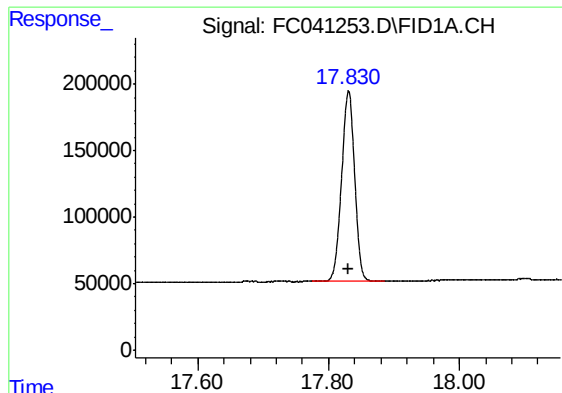
#15 n-Hexacosane (C26)

R.T.: 15.997 min  
Delta R.T.: 0.000 min  
Response: 1940308  
Conc: 21.38 ug/ml



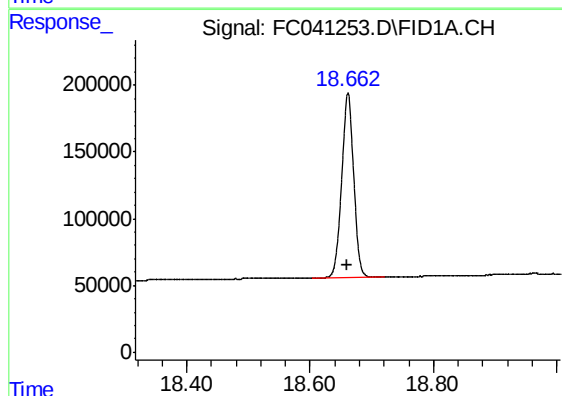
#16 n-Octacosane (C28)

R.T.: 16.945 min  
Delta R.T.: 0.000 min  
Response: 1980689  
Conc: 21.63 ug/ml



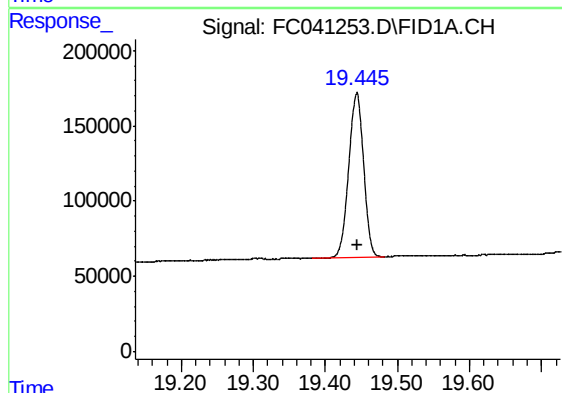
#17 n-Tricontane (C30)

R.T.: 17.831 min  
Delta R.T.: 0.000 min  
Response: 1979490  
Conc: 22.03 ug/ml



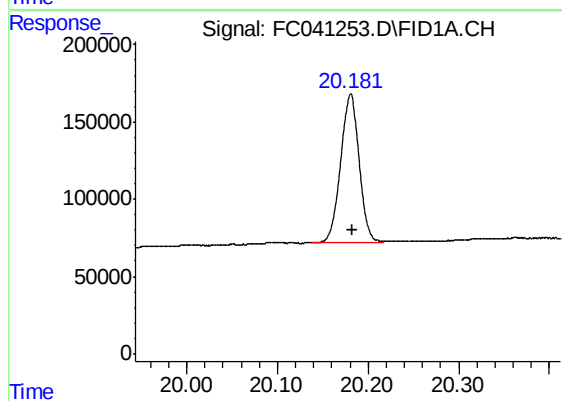
#18 n-Dotriacontane (C32)

R.T.: 18.662 min  
Delta R.T.: 0.000 min  
Response: 1861238  
Conc: 22.24 ug/ml



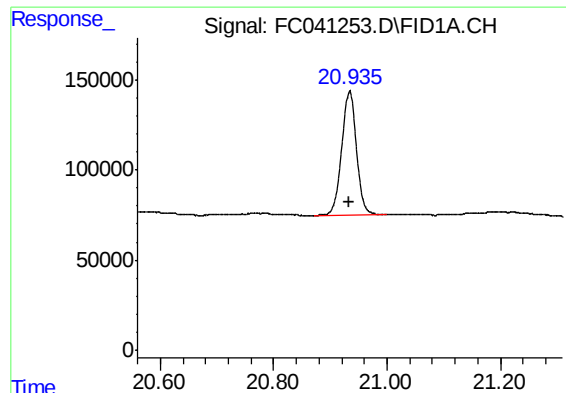
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min  
Delta R.T.: 0.000 min  
Response: 1567188  
Conc: 21.92 ug/ml



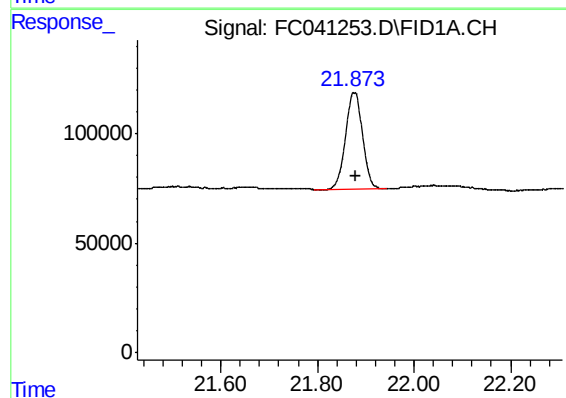
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min  
Delta R.T.: -0.002 min  
Response: 1363880  
Conc: 21.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.935 min  
Delta R.T.: 0.000 min  
Response: 1240651  
Conc: 20.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.875 min  
Delta R.T.: -0.005 min  
Response: 1080274  
Conc: 18.36 ug/ml