

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101318AL\  
 Data File : FC036856.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Oct 2018 12:52  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Oct 15 08:27:25 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Aliphatic EPH 092118.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 10 12:23:17 2018  
 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)    | 11.369 | 2547532    | 20.953 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.91%       |
| 12) S 1-chlorooctadecane (S... | 12.810 | 1930497    | 20.503 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.01%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.181  | 1826435    | 20.497 ug/ml |
| 2) T n-Decane (C10)            | 4.245  | 1927825    | 21.445 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.814  | 2321784    | 23.164 ug/ml |
| 4) T n-Dodecane (C12)          | 6.256  | 2045936    | 21.953 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.864  | 2354783    | 23.422 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.041  | 2134554    | 21.822 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.633  | 2207083    | 21.476 ug/ml |
| 8) T n-Octadecane (C18)        | 11.067 | 2242235    | 20.647 ug/ml |
| 10) T n-Eicosane (C20)         | 12.370 | 2273142    | 20.549 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.980 | 2266575    | 20.623 ug/ml |
| 13) T n-Docosane (C22)         | 13.564 | 2272940    | 20.817 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.663 | 2299307    | 21.060 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.680 | 2308885    | 21.373 ug/ml |
| 16) T n-Octacosane (C28)       | 16.626 | 2360393    | 21.393 ug/ml |
| 17) T n-Tricontane (C30)       | 17.510 | 2440232    | 20.971 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.340 | 2530812    | 21.703 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.122 | 2475155    | 22.088 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.859 | 2375805    | 22.439 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.567 | 2266521    | 21.442 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.401 | 2338457    | 21.780 ug/ml |
| -----                          |        |            |              |

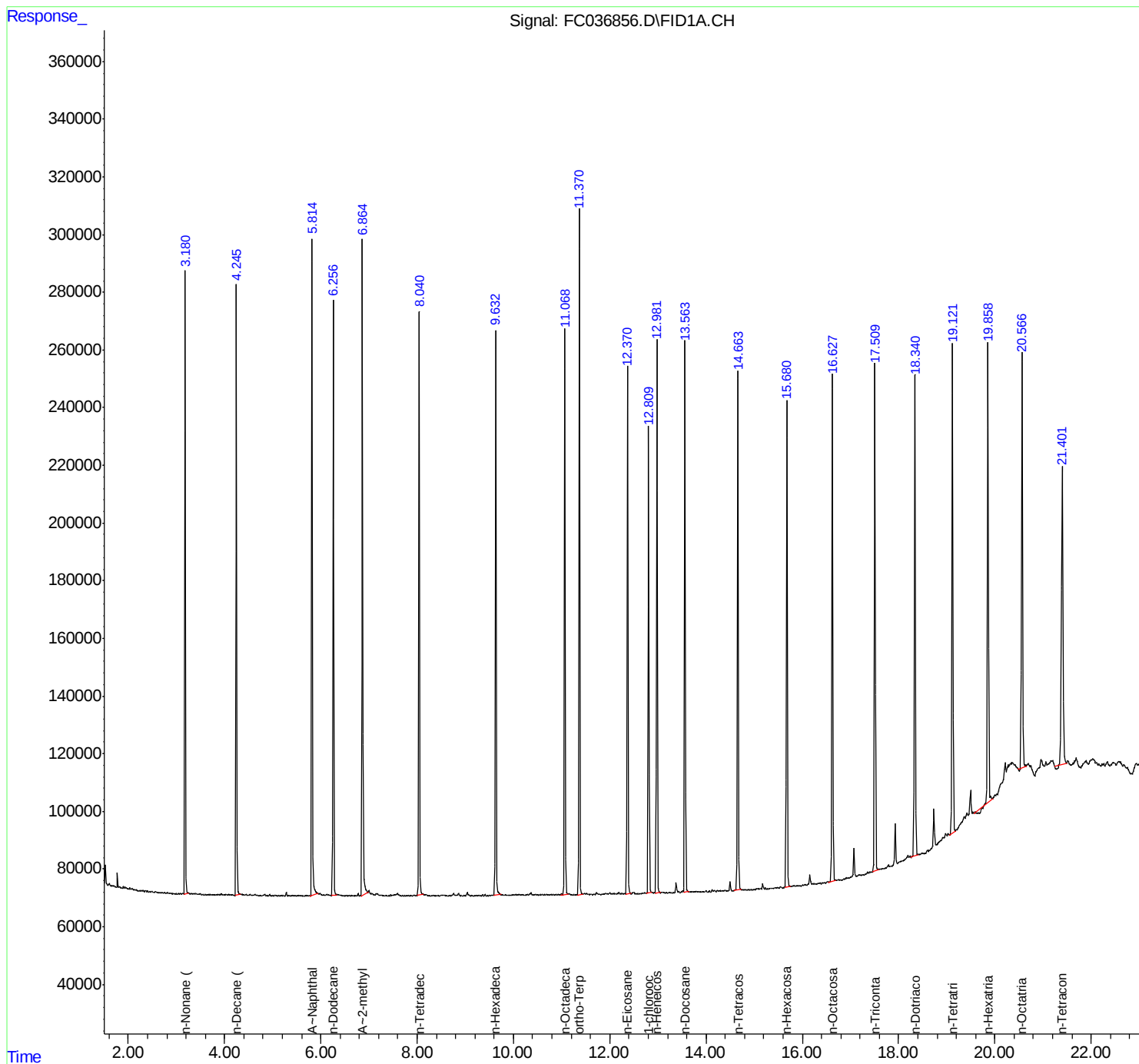
(f)=RT Delta > 1/2 Window

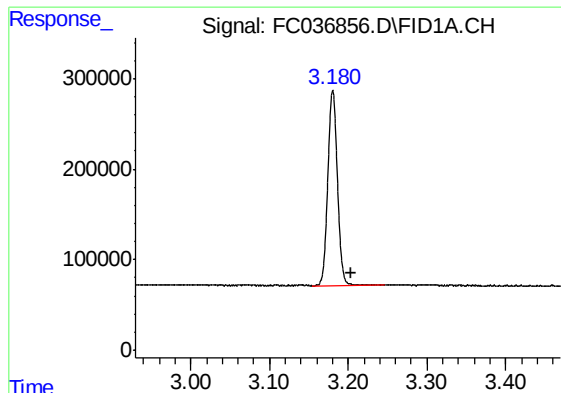
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101318AL\  
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Acq On : 13 Oct 2018 12:52  
Operator : AJ\SJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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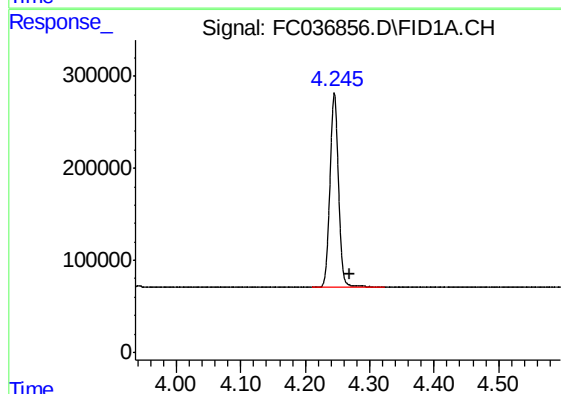
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





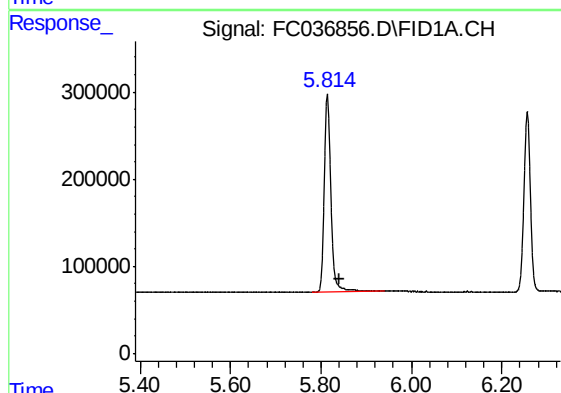
#1 n-Nonane (C9)

R.T.: 3.181 min  
Delta R.T.: -0.022 min  
Response: 1826435  
Conc: 20.50 ug/ml



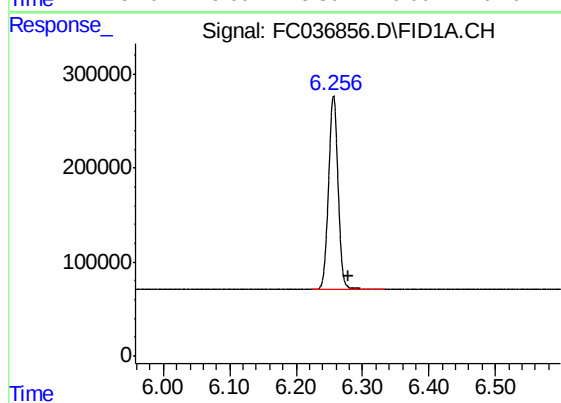
#2 n-Decane (C10)

R.T.: 4.245 min  
Delta R.T.: -0.024 min  
Response: 1927825  
Conc: 21.44 ug/ml



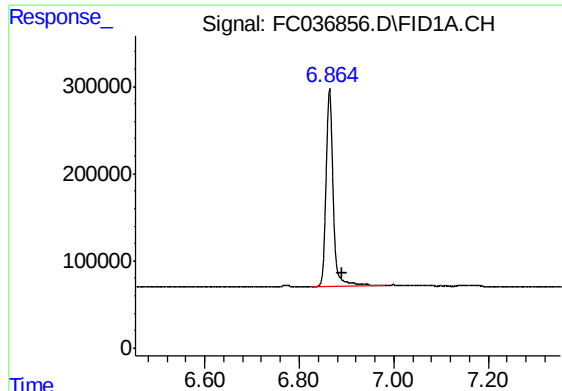
#3 A~Naphthalene (C11.7)

R.T.: 5.814 min  
Delta R.T.: -0.027 min  
Response: 2321784  
Conc: 23.16 ug/ml



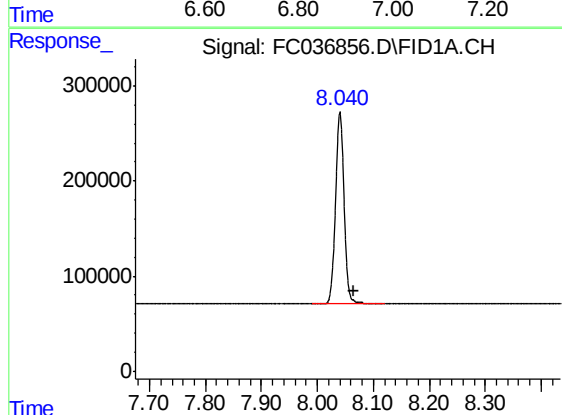
#4 n-Dodecane (C12)

R.T.: 6.256 min  
Delta R.T.: -0.023 min  
Response: 2045936  
Conc: 21.95 ug/ml



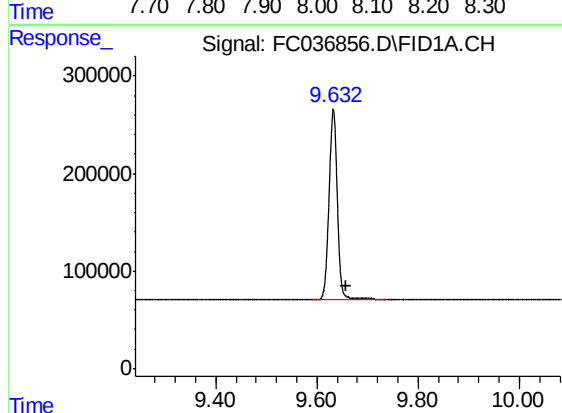
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.864 min  
Delta R.T.: -0.027 min  
Response: 2354783  
Conc: 23.42 ug/ml



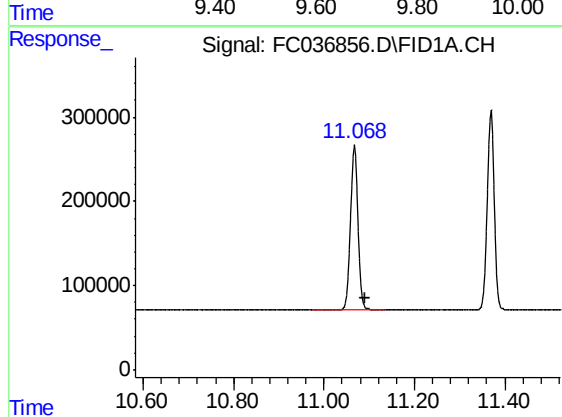
#6 n-Tetradecane (C14)

R.T.: 8.041 min  
Delta R.T.: -0.024 min  
Response: 2134554  
Conc: 21.82 ug/ml



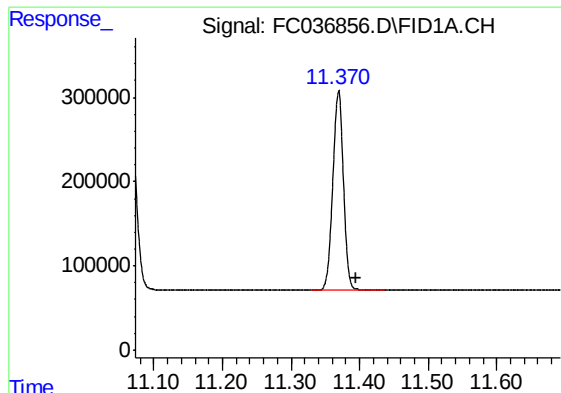
#7 n-Hexadecane (C16)

R.T.: 9.633 min  
Delta R.T.: -0.024 min  
Response: 2207083  
Conc: 21.48 ug/ml



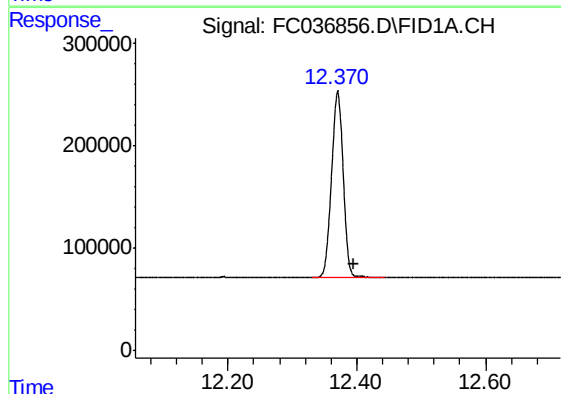
#8 n-Octadecane (C18)

R.T.: 11.067 min  
Delta R.T.: -0.024 min  
Response: 2242235  
Conc: 20.65 ug/ml



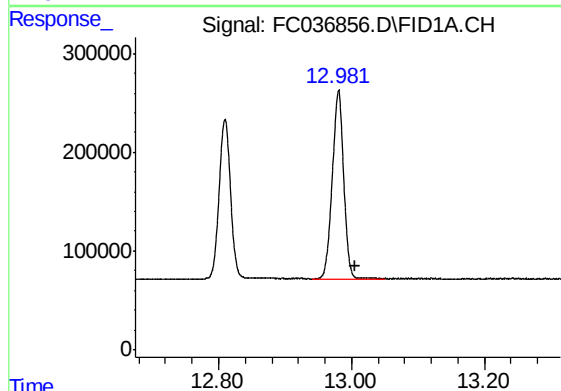
#9 ortho-Terphenyl (SURR)

R.T.: 11.369 min  
Delta R.T.: -0.026 min  
Response: 2547532  
Conc: 20.95 ug/ml



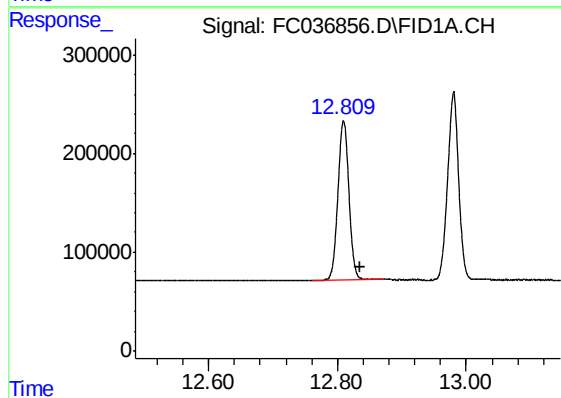
#10 n-Eicosane (C20)

R.T.: 12.370 min  
Delta R.T.: -0.026 min  
Response: 2273142  
Conc: 20.55 ug/ml



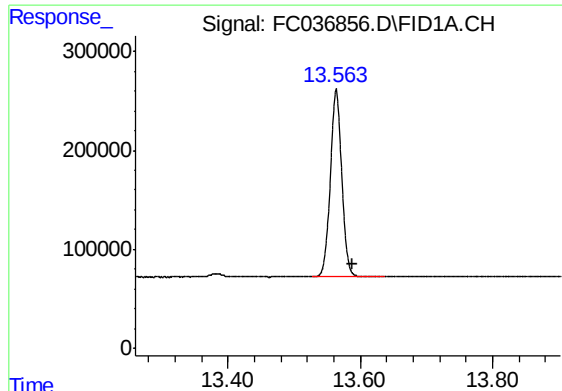
#11 n-Heneicosane (C21)

R.T.: 12.980 min  
Delta R.T.: -0.025 min  
Response: 2266575  
Conc: 20.62 ug/ml



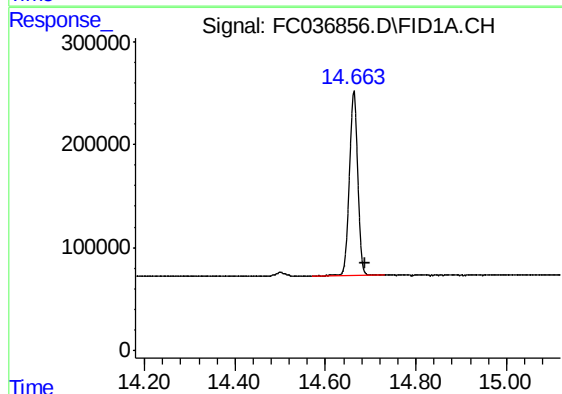
#12 1-chlorooctadecane (SURR)

R.T.: 12.810 min  
Delta R.T.: -0.026 min  
Response: 1930497  
Conc: 20.50 ug/ml



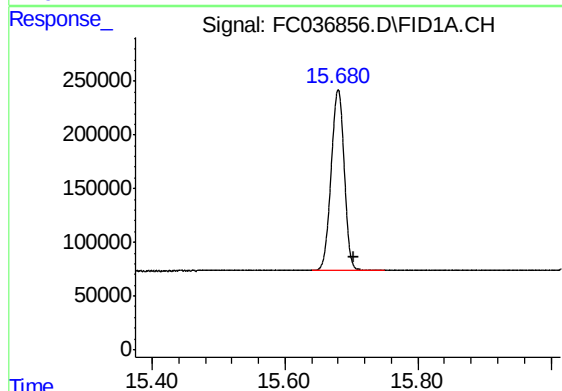
#13 n-Docosane (C22)

R.T.: 13.564 min  
Delta R.T.: -0.025 min  
Response: 2272940  
Conc: 20.82 ug/ml



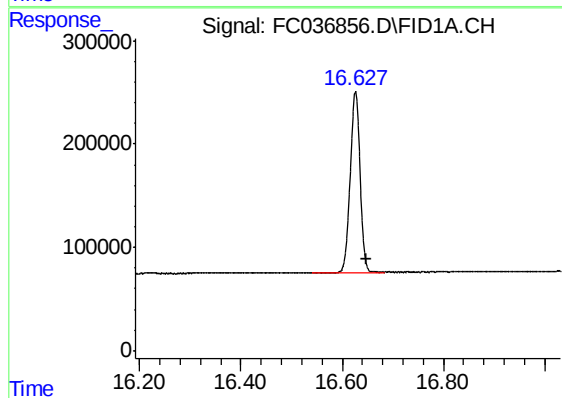
#14 n-Tetracosane (C24)

R.T.: 14.663 min  
Delta R.T.: -0.024 min  
Response: 2299307  
Conc: 21.06 ug/ml



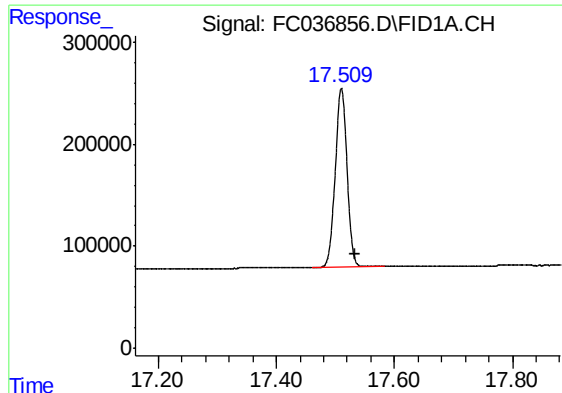
#15 n-Hexacosane (C26)

R.T.: 15.680 min  
Delta R.T.: -0.024 min  
Response: 2308885  
Conc: 21.37 ug/ml



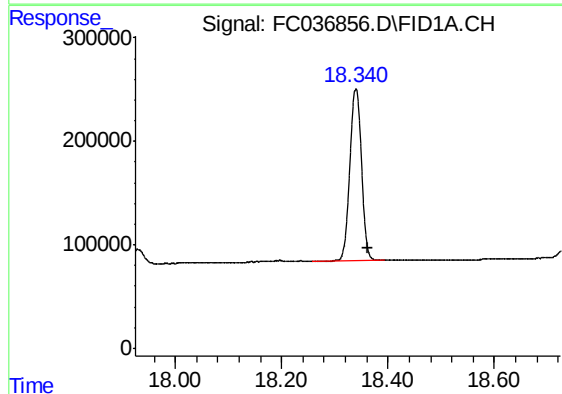
#16 n-Octacosane (C28)

R.T.: 16.626 min  
Delta R.T.: -0.022 min  
Response: 2360393  
Conc: 21.39 ug/ml



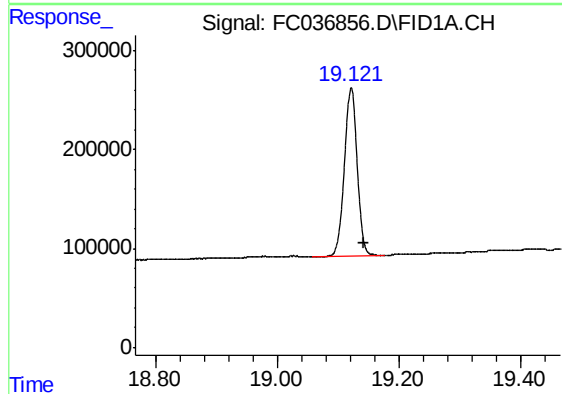
#17 n-Tricontane (C30)

R.T.: 17.510 min  
Delta R.T.: -0.022 min  
Response: 2440232  
Conc: 20.97 ug/ml



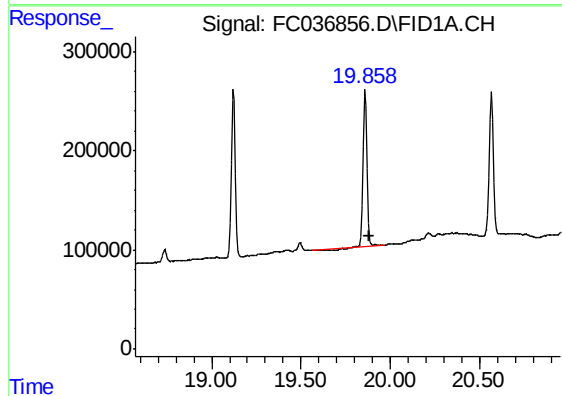
#18 n-Dotriacontane (C32)

R.T.: 18.340 min  
Delta R.T.: -0.022 min  
Response: 2530812  
Conc: 21.70 ug/ml



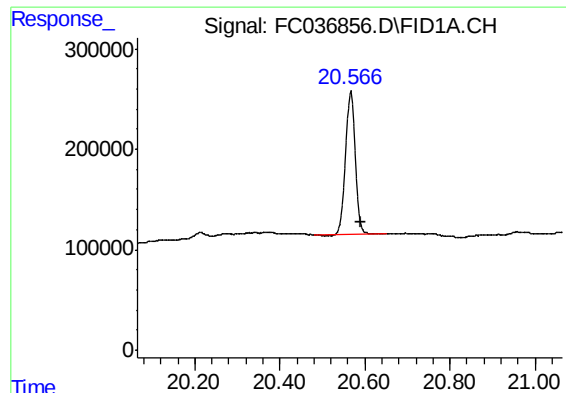
#19 n-Tetatriacontane (C34)

R.T.: 19.122 min  
Delta R.T.: -0.022 min  
Response: 2475155  
Conc: 22.09 ug/ml



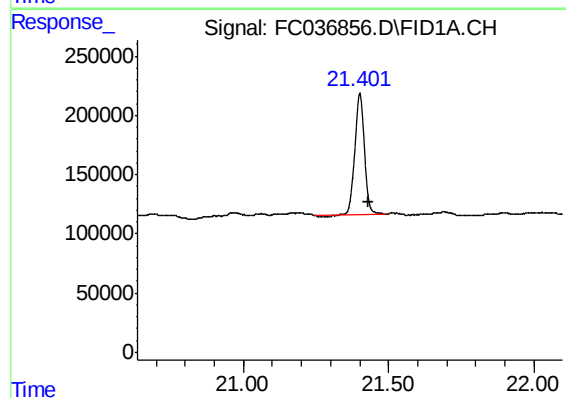
#20 n-Hexatriacontane (C36)

R.T.: 19.859 min  
Delta R.T.: -0.021 min  
Response: 2375805  
Conc: 22.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.567 min  
Delta R.T.: -0.023 min  
Response: 2266521  
Conc: 21.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.401 min  
Delta R.T.: -0.030 min  
Response: 2338457  
Conc: 21.78 ug/ml