

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101718AL\  
 Data File : FC036936.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Oct 2018 18:05  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 18 13:17:19 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101718.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 18 13:16:54 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)    | 11.362 | 1837632    | 20.710 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.42%       |
| 12) S 1-chlorooctadecane (S... | 12.804 | 1349621    | 21.246 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.49%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.176  | 1432578    | 19.494 ug/ml |
| 2) T n-Decane (C10)            | 4.241  | 1435778    | 19.724 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.809  | 1637286    | 19.625 ug/ml |
| 4) T n-Dodecane (C12)          | 6.250  | 1442966    | 19.972 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.858  | 1623057    | 19.602 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.033  | 1464266    | 20.258 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.626  | 1513658    | 20.746 ug/ml |
| 8) T n-Octadecane (C18)        | 11.061 | 1559679    | 21.177 ug/ml |
| 10) T n-Eicosane (C20)         | 12.364 | 1572250    | 21.506 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.973 | 1556986    | 21.742 ug/ml |
| 13) T n-Docosane (C22)         | 13.557 | 1529864    | 21.461 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.657 | 1489189    | 21.005 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.673 | 1452065    | 20.572 ug/ml |
| 16) T n-Octacosane (C28)       | 16.620 | 1450838    | 20.326 ug/ml |
| 17) T n-Tricontane (C30)       | 17.504 | 1460318    | 19.230 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.334 | 1511592    | 18.853 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.114 | 1478212    | 20.633 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.852 | 1412851    | 20.638 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.557 | 1400398    | 21.130 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.391 | 1392625    | 20.942 ug/ml |
| -----                          |        |            |              |

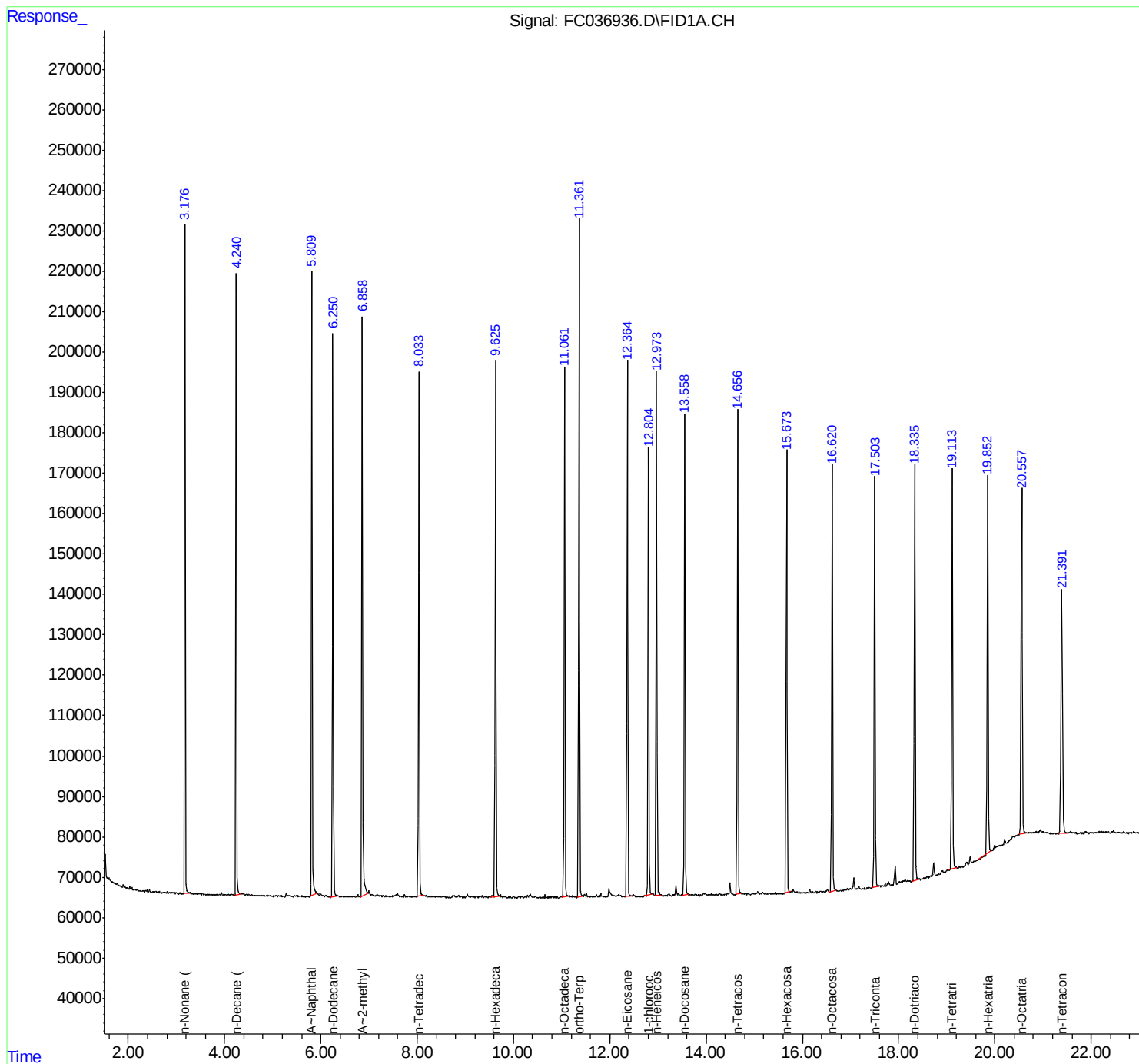
(f)=RT Delta > 1/2 Window

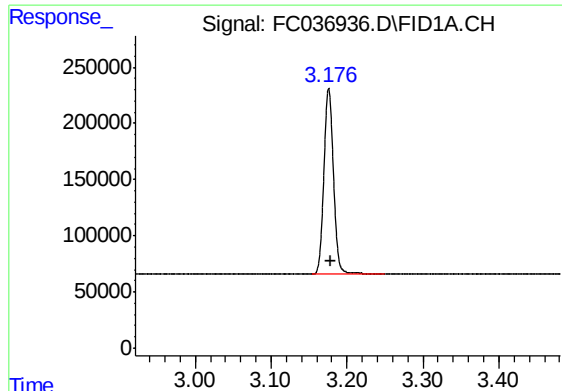
(m)=manual int.

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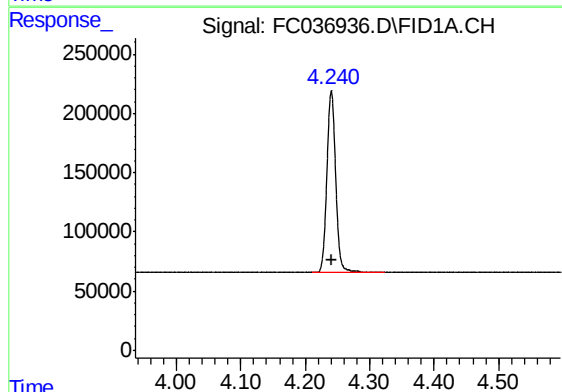
Volume Inj. : 1 ul  
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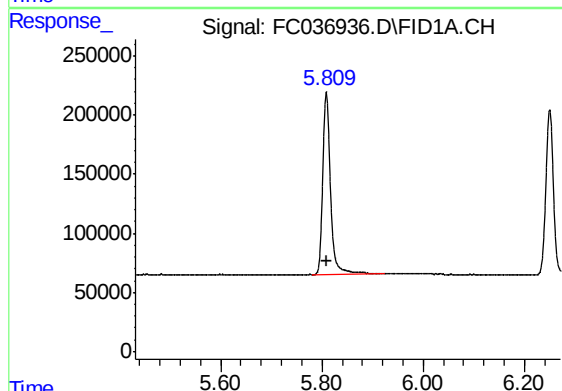
#1 n-Nonane (C9)

R.T.: 3.176 min  
Delta R.T.: -0.002 min  
Response: 1432578  
Conc: 19.49 ug/ml



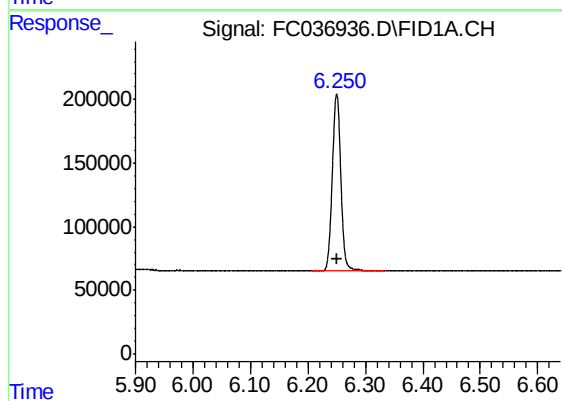
#2 n-Decane (C10)

R.T.: 4.241 min  
Delta R.T.: -0.001 min  
Response: 1435778  
Conc: 19.72 ug/ml



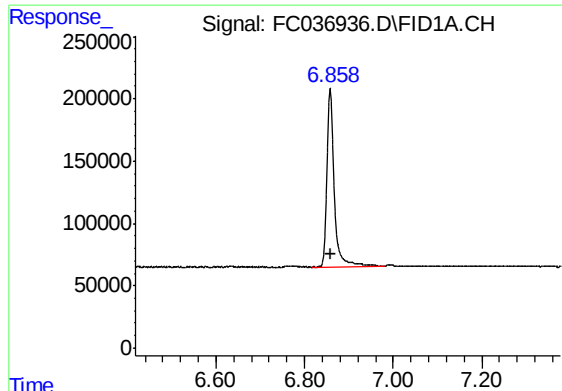
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min  
Delta R.T.: -0.001 min  
Response: 1637286  
Conc: 19.63 ug/ml



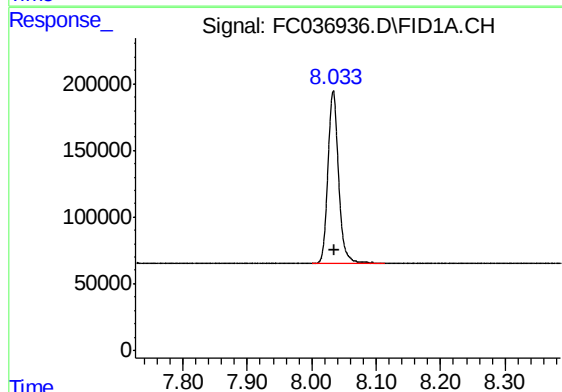
#4 n-Dodecane (C12)

R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 1442966  
Conc: 19.97 ug/ml



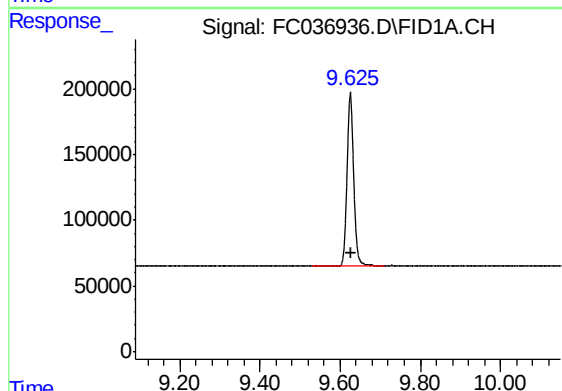
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.858 min  
Delta R.T.: -0.002 min  
Response: 1623057  
Conc: 19.60 ug/ml



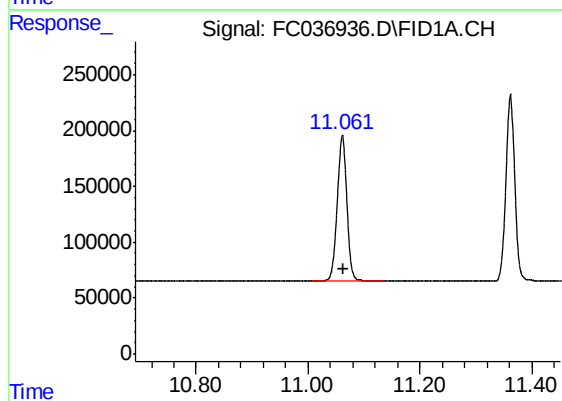
#6 n-Tetradecane (C14)

R.T.: 8.033 min  
Delta R.T.: -0.002 min  
Response: 1464266  
Conc: 20.26 ug/ml



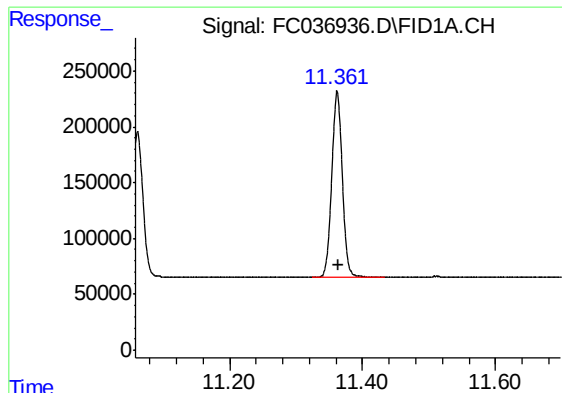
#7 n-Hexadecane (C16)

R.T.: 9.626 min  
Delta R.T.: -0.002 min  
Response: 1513658  
Conc: 20.75 ug/ml



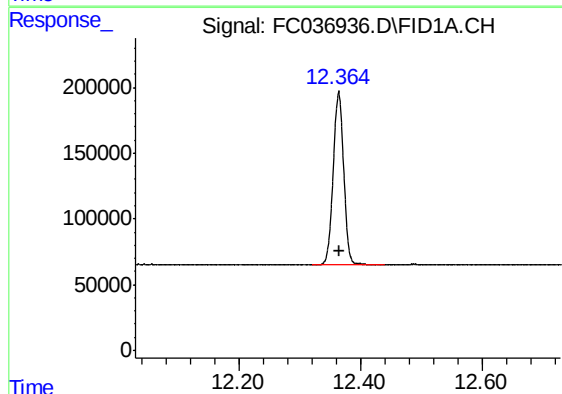
#8 n-Octadecane (C18)

R.T.: 11.061 min  
Delta R.T.: 0.000 min  
Response: 1559679  
Conc: 21.18 ug/ml



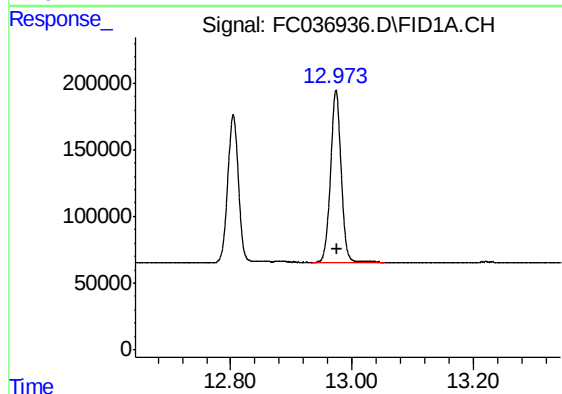
#9 ortho-Terphenyl (SURR)

R.T.: 11.362 min  
Delta R.T.: -0.002 min  
Response: 1837632  
Conc: 20.71 ug/ml



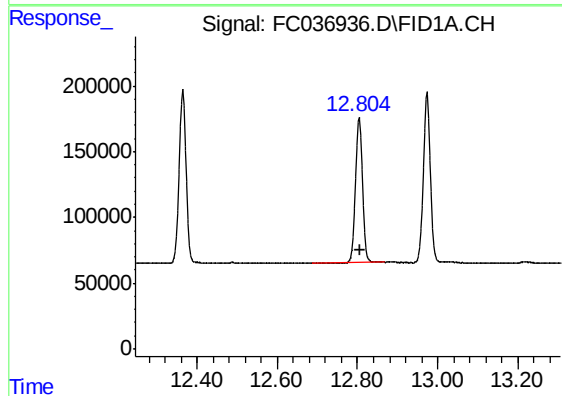
#10 n-Eicosane (C20)

R.T.: 12.364 min  
Delta R.T.: 0.000 min  
Response: 1572250  
Conc: 21.51 ug/ml



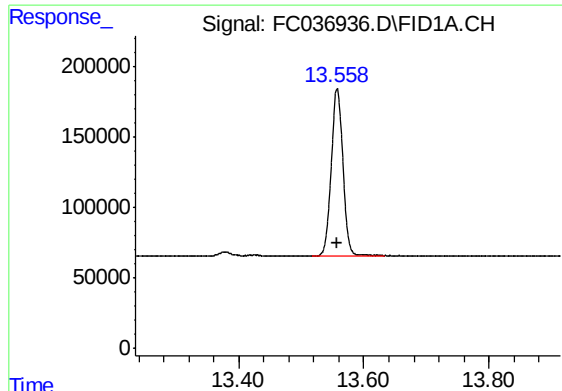
#11 n-Heneicosane (C21)

R.T.: 12.973 min  
Delta R.T.: -0.002 min  
Response: 1556986  
Conc: 21.74 ug/ml



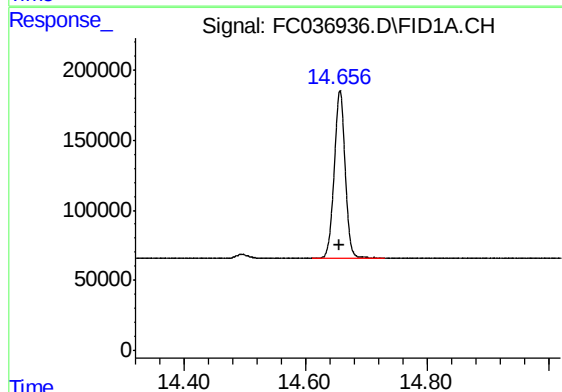
#12 1-chlorooctadecane (SURR)

R.T.: 12.804 min  
Delta R.T.: -0.001 min  
Response: 1349621  
Conc: 21.25 ug/ml



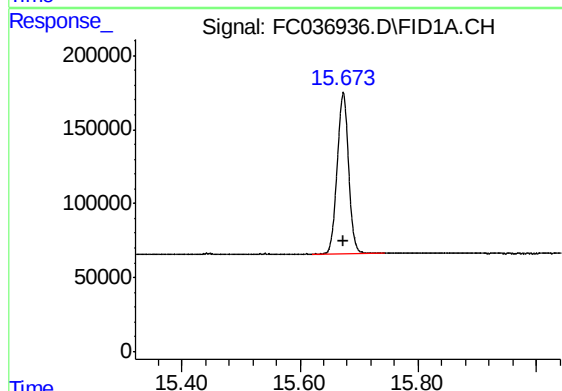
#13 n-Docosane (C22)

R.T.: 13.557 min  
Delta R.T.: 0.000 min  
Response: 1529864  
Conc: 21.46 ug/ml



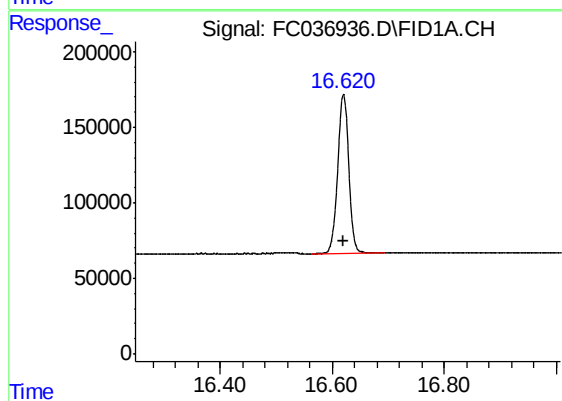
#14 n-Tetracosane (C24)

R.T.: 14.657 min  
Delta R.T.: 0.000 min  
Response: 1489189  
Conc: 21.01 ug/ml



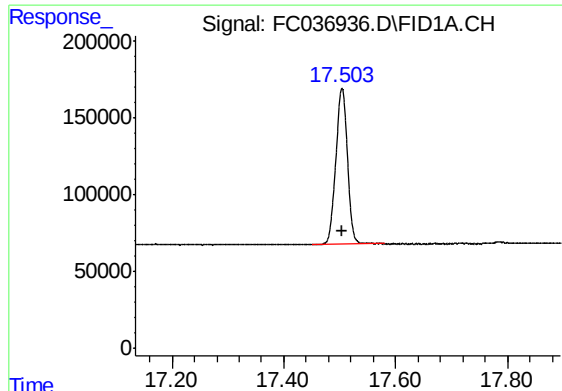
#15 n-Hexacosane (C26)

R.T.: 15.673 min  
Delta R.T.: 0.000 min  
Response: 1452065  
Conc: 20.57 ug/ml



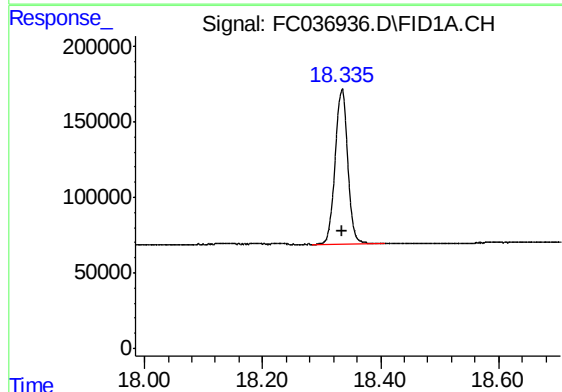
#16 n-Octacosane (C28)

R.T.: 16.620 min  
Delta R.T.: 0.000 min  
Response: 1450838  
Conc: 20.33 ug/ml



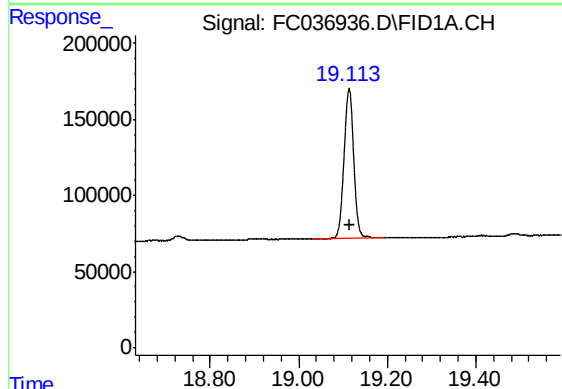
#17 n-Tricontane (C30)

R.T.: 17.504 min  
Delta R.T.: 0.000 min  
Response: 1460318  
Conc: 19.23 ug/ml



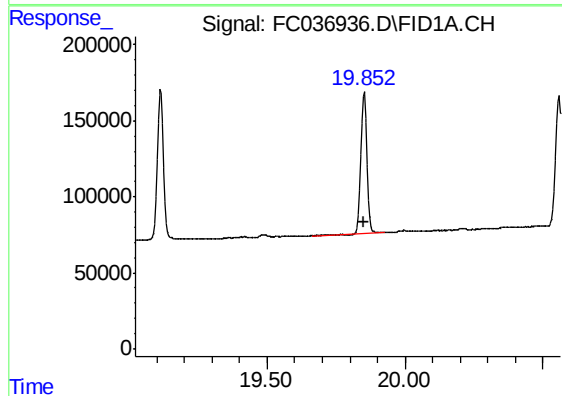
#18 n-Dotriacontane (C32)

R.T.: 18.334 min  
Delta R.T.: -0.001 min  
Response: 1511592  
Conc: 18.85 ug/ml



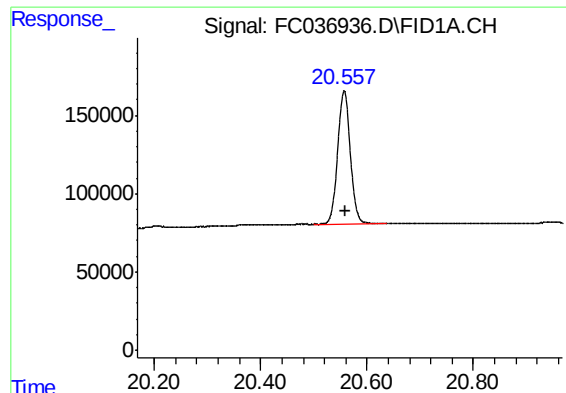
#19 n-Tetatriacontane (C34)

R.T.: 19.114 min  
Delta R.T.: 0.000 min  
Response: 1478212  
Conc: 20.63 ug/ml



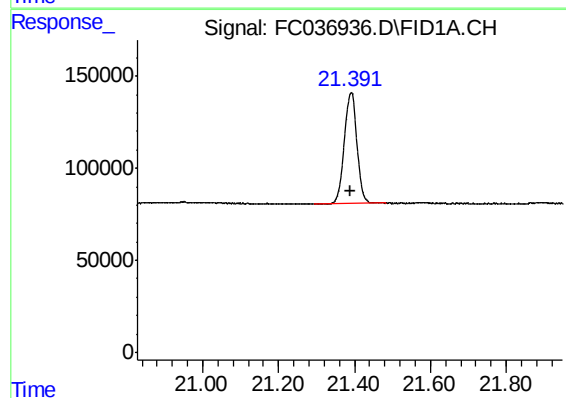
#20 n-Hexatriacontane (C36)

R.T.: 19.852 min  
Delta R.T.: 0.000 min  
Response: 1412851  
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.557 min  
Delta R.T.: -0.002 min  
Response: 1400398  
Conc: 21.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.391 min  
Delta R.T.: 0.002 min  
Response: 1392625  
Conc: 20.94 ug/ml