

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101718AL\  
 Data File : FC036931.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Oct 2018 15:02  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 17 16:25:06 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 101718.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)    | 11.364 | 1731780    | 14.243 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 28.49%       |
| 12) S 1-chlorooctadecane (S... | 12.806 | 1212195    | 12.874 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 25.75%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.178  | 1467565    | 16.469 ug/ml |
| 2) T n-Decane (C10)            | 4.242  | 1461537    | 16.258 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.810  | 1672841    | 16.690 ug/ml |
| 4) T n-Dodecane (C12)          | 6.252  | 1440008    | 15.452 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.860  | 1659723    | 16.508 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.036  | 1433266    | 14.653 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.627  | 1441174    | 14.023 ug/ml |
| 8) T n-Octadecane (C18)        | 11.062 | 1431014    | 13.177 ug/ml |
| 10) T n-Eicosane (C20)         | 12.365 | 1399887    | 12.655 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.975 | 1356052    | 12.339 ug/ml |
| 13) T n-Docosane (C22)         | 13.558 | 1340195    | 12.274 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.656 | 1315099    | 12.046 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.674 | 1285936    | 11.904 ug/ml |
| 16) T n-Octacosane (C28)       | 16.620 | 1299410    | 11.777 ug/ml |
| 17) T n-Tricontane (C30)       | 17.504 | 1372247    | 11.793 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.335 | 1388033    | 11.903 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.115 | 1305554    | 11.651 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.852 | 1248876    | 11.795 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.559 | 1228836    | 11.625 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.389 | 1225279    | 11.412 ug/ml |
| -----                          |        |            |              |

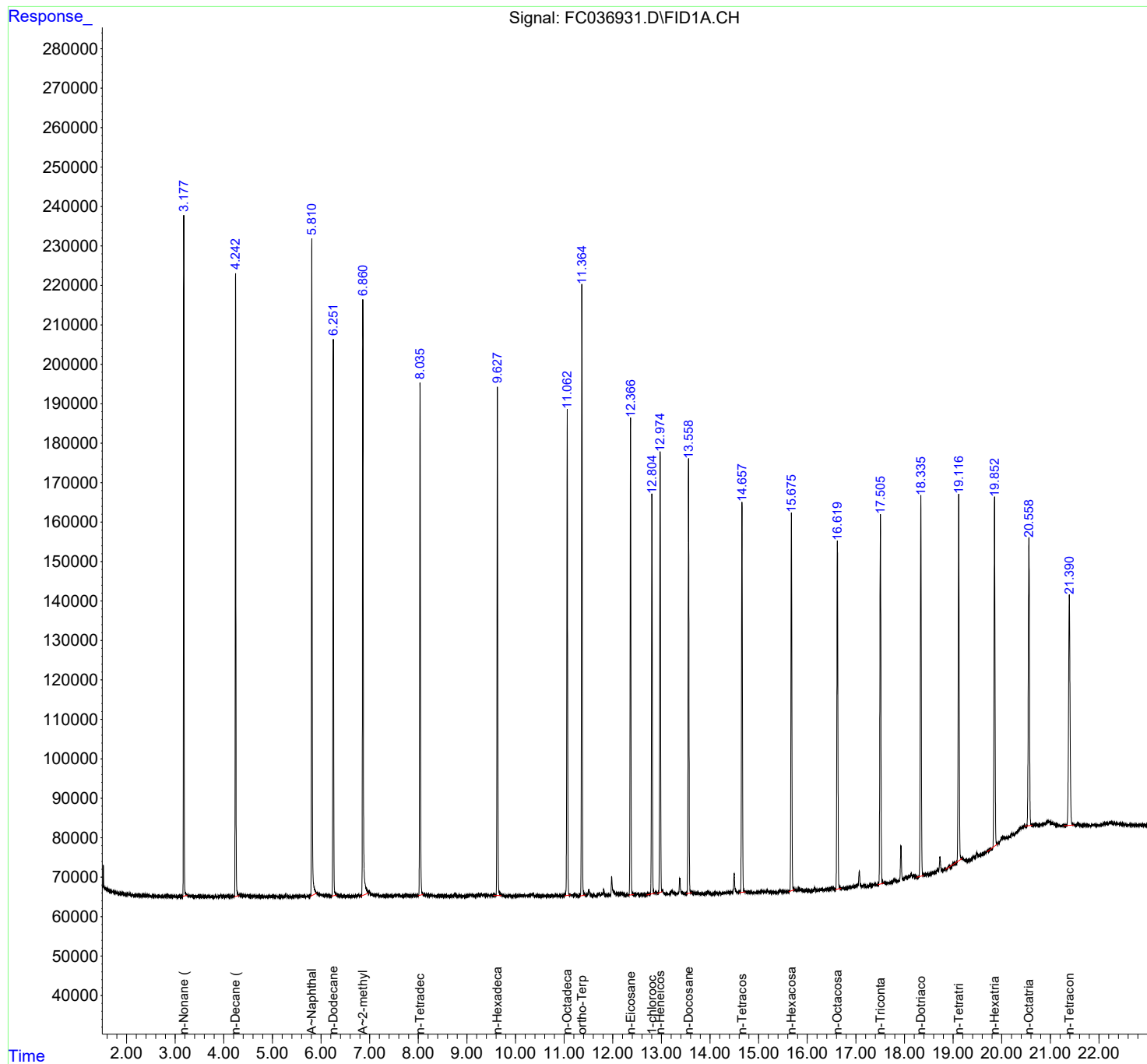
(f)=RT Delta > 1/2 Window

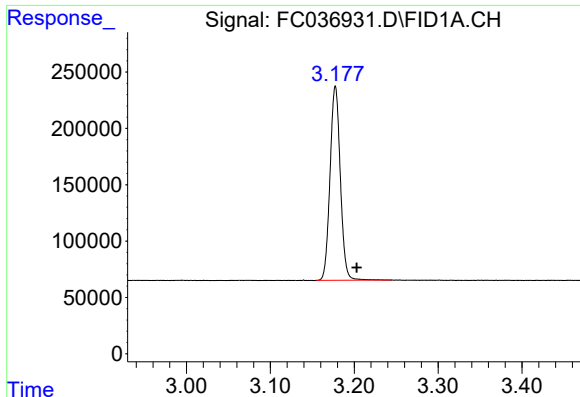
(m)=manual int.

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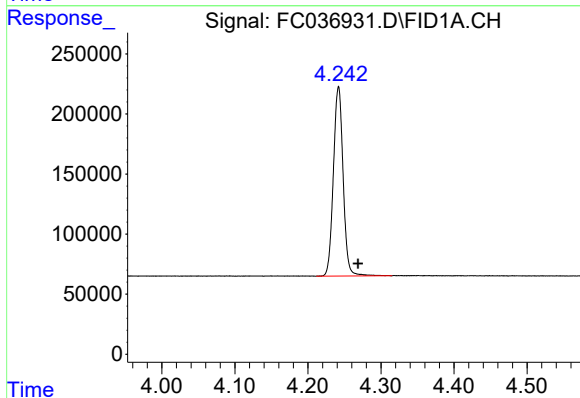
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





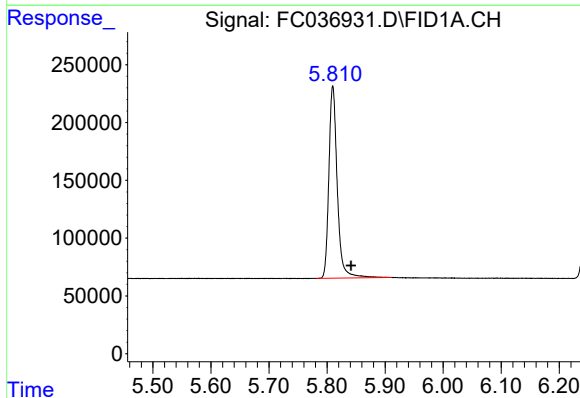
#1 n-Nonane (C9)

R.T.: 3.178 min  
Delta R.T.: -0.025 min  
Response: 1467565  
Conc: 16.47 ug/ml



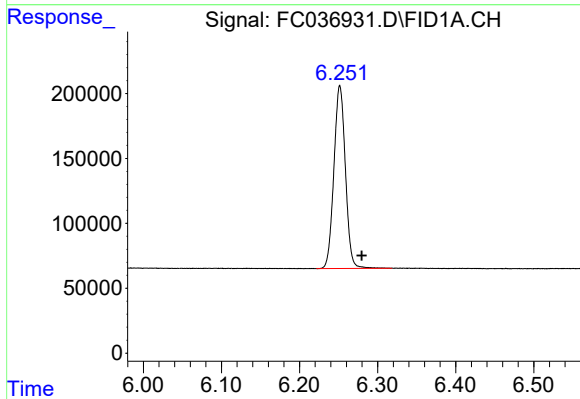
#2 n-Decane (C10)

R.T.: 4.242 min  
Delta R.T.: -0.027 min  
Response: 1461537  
Conc: 16.26 ug/ml



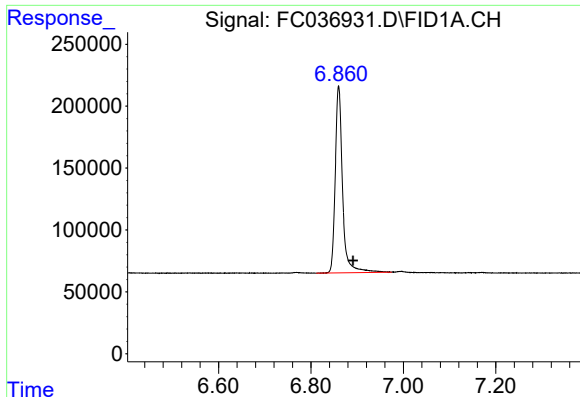
#3 A~Naphthalene (C11.7)

R.T.: 5.810 min  
Delta R.T.: -0.031 min  
Response: 1672841  
Conc: 16.69 ug/ml



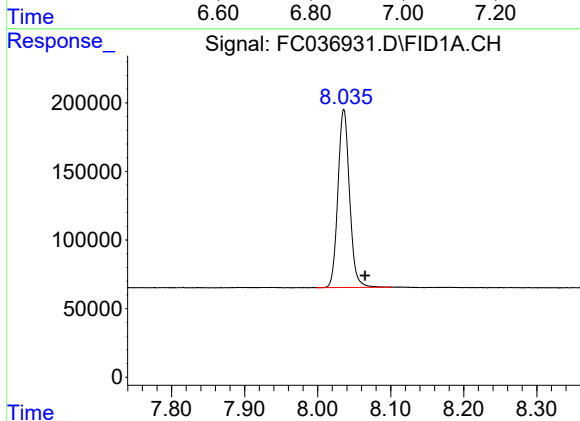
#4 n-Dodecane (C12)

R.T.: 6.252 min  
Delta R.T.: -0.028 min  
Response: 1440008  
Conc: 15.45 ug/ml



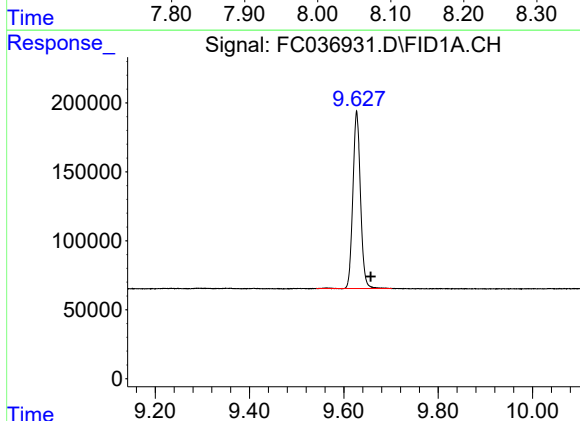
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.860 min  
Delta R.T.: -0.031 min  
Response: 1659723  
Conc: 16.51 ug/ml



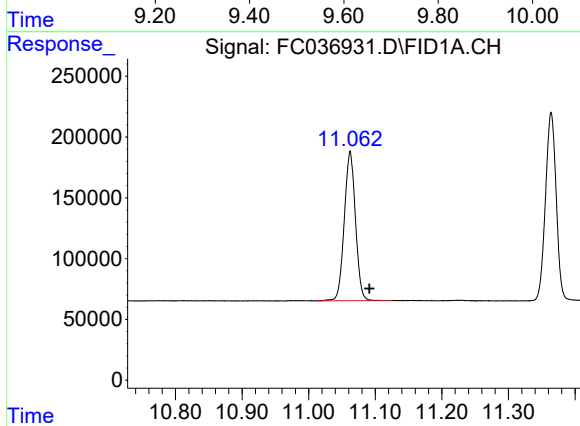
#6 n-Tetradecane (C14)

R.T.: 8.036 min  
Delta R.T.: -0.029 min  
Response: 1433266  
Conc: 14.65 ug/ml



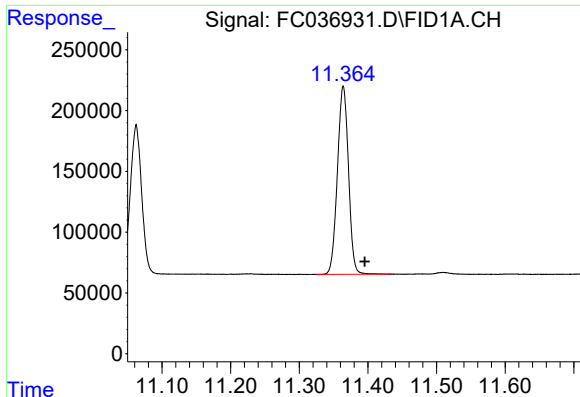
#7 n-Hexadecane (C16)

R.T.: 9.627 min  
Delta R.T.: -0.030 min  
Response: 1441174  
Conc: 14.02 ug/ml



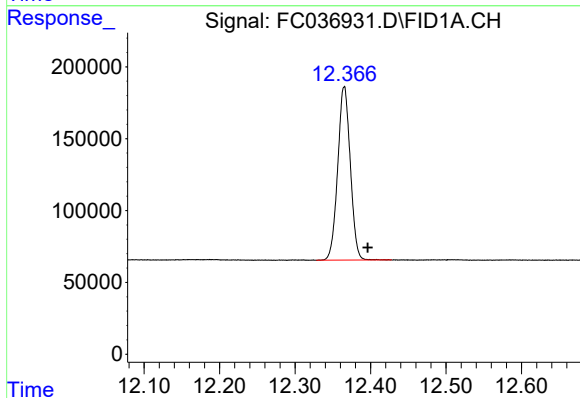
#8 n-Octadecane (C18)

R.T.: 11.062 min  
Delta R.T.: -0.029 min  
Response: 1431014  
Conc: 13.18 ug/ml



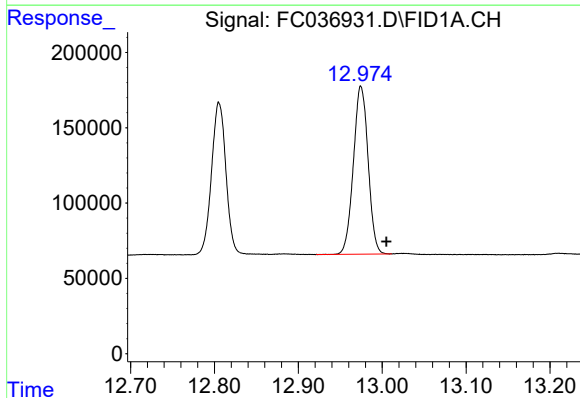
#9 ortho-Terphenyl (SURR)

R.T.: 11.364 min  
Delta R.T.: -0.031 min  
Response: 1731780  
Conc: 14.24 ug/ml



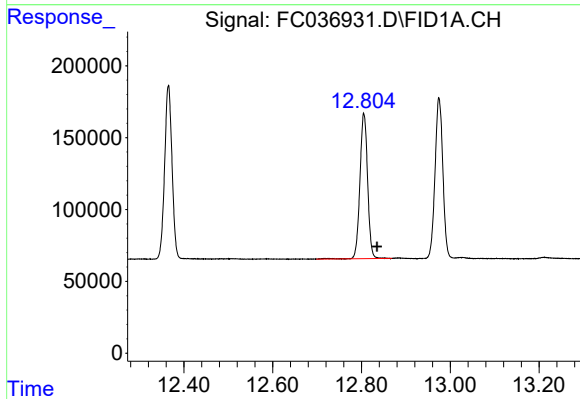
#10 n-Eicosane (C20)

R.T.: 12.365 min  
Delta R.T.: -0.031 min  
Response: 1399887  
Conc: 12.65 ug/ml



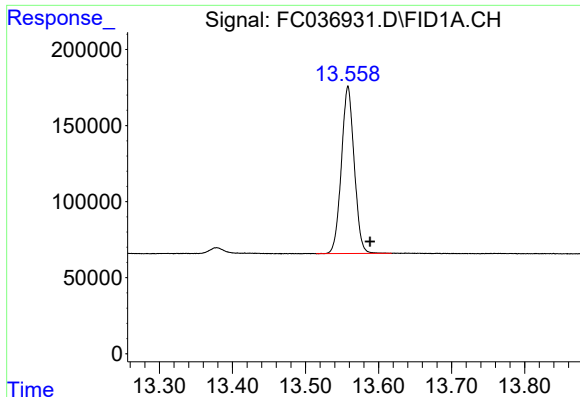
#11 n-Heneicosane (C21)

R.T.: 12.975 min  
Delta R.T.: -0.030 min  
Response: 1356052  
Conc: 12.34 ug/ml



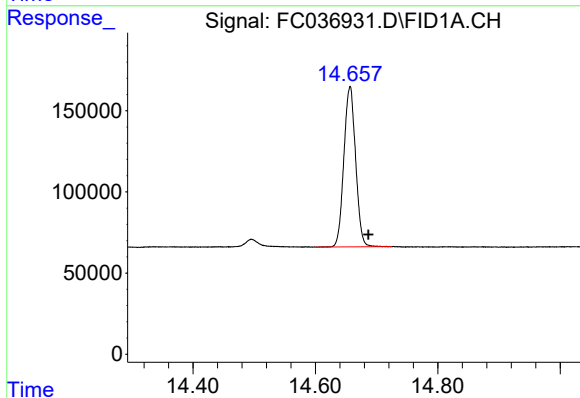
#12 1-chlorooctadecane (SURR)

R.T.: 12.806 min  
Delta R.T.: -0.030 min  
Response: 1212195  
Conc: 12.87 ug/ml



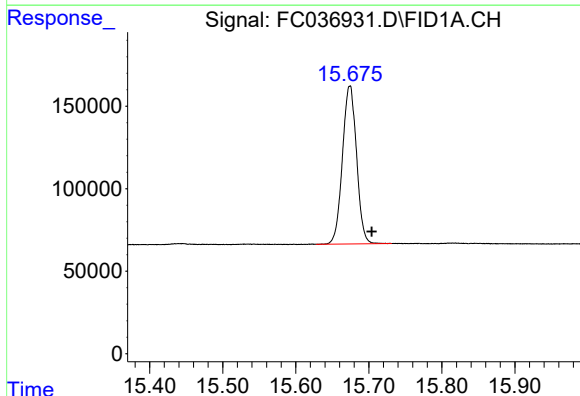
#13 n-Docosane (C22)

R.T.: 13.558 min  
Delta R.T.: -0.030 min  
Response: 1340195  
Conc: 12.27 ug/ml



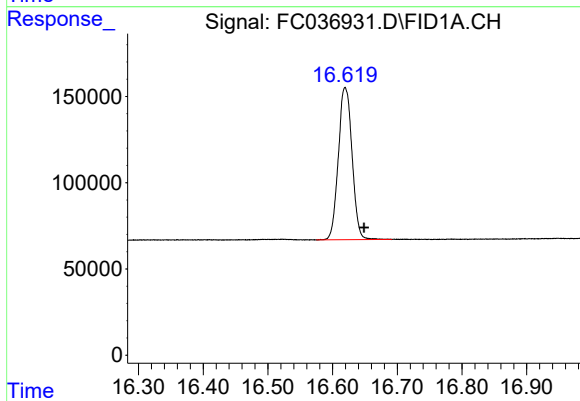
#14 n-Tetracosane (C24)

R.T.: 14.656 min  
Delta R.T.: -0.030 min  
Response: 1315099  
Conc: 12.05 ug/ml



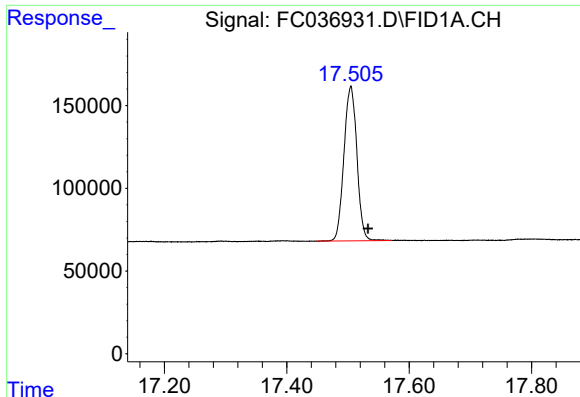
#15 n-Hexacosane (C26)

R.T.: 15.674 min  
Delta R.T.: -0.030 min  
Response: 1285936  
Conc: 11.90 ug/ml



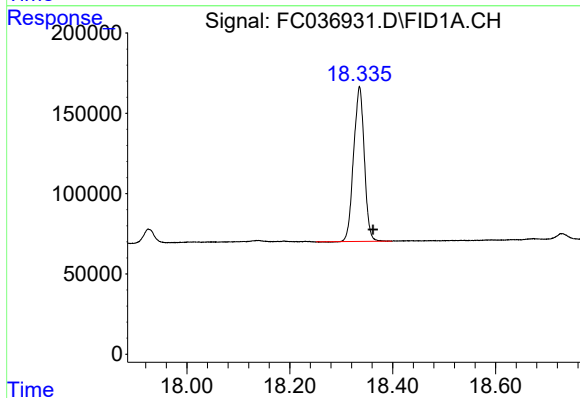
#16 n-Octacosane (C28)

R.T.: 16.620 min  
Delta R.T.: -0.029 min  
Response: 1299410  
Conc: 11.78 ug/ml



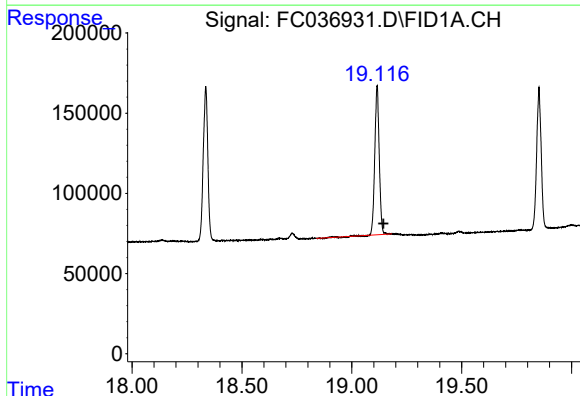
#17 n-Tricontane (C30)

R.T.: 17.504 min  
Delta R.T.: -0.028 min  
Response: 1372247  
Conc: 11.79 ug/ml



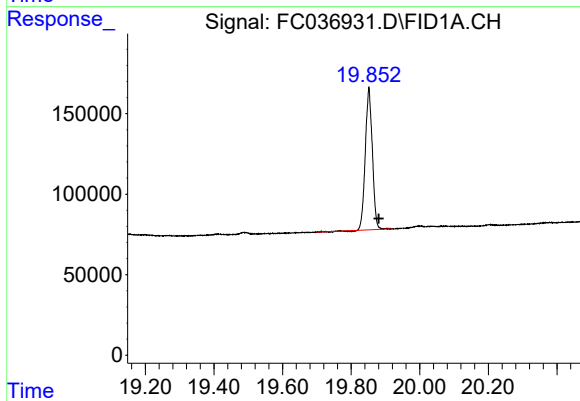
#18 n-Dotriacontane (C32)

R.T.: 18.335 min  
Delta R.T.: -0.027 min  
Response: 1388033  
Conc: 11.90 ug/ml



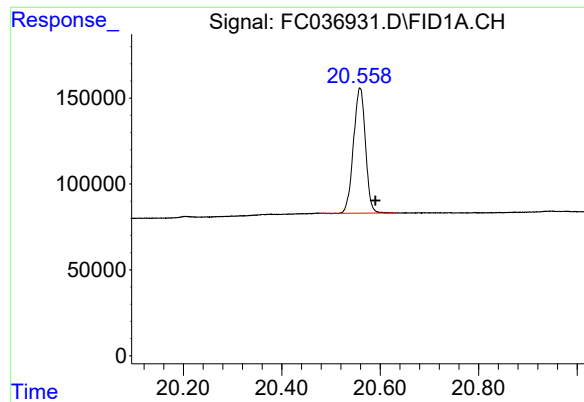
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min  
Delta R.T.: -0.029 min  
Response: 1305554  
Conc: 11.65 ug/ml



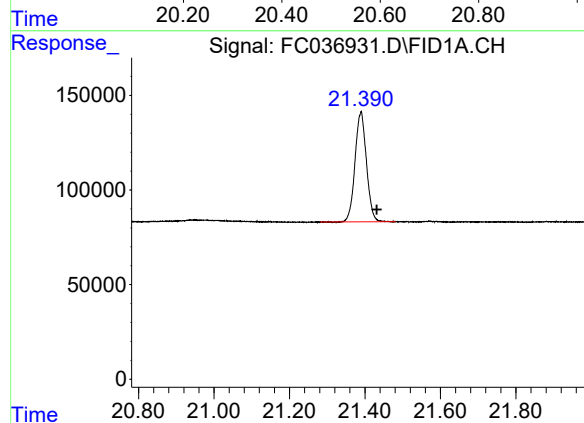
#20 n-Hexatriacontane (C36)

R.T.: 19.852 min  
Delta R.T.: -0.029 min  
Response: 1248876  
Conc: 11.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.559 min  
Delta R.T.: -0.031 min  
Response: 1228836  
Conc: 11.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.389 min  
Delta R.T.: -0.042 min  
Response: 1225279  
Conc: 11.41 ug/ml