

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052721AL\  
 Data File : FC053949.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 May 2021 14:04  
 Operator : DD\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 28 09:00:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 052721.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 28 08:59:15 2021  
 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)    | 11.350 | 1386677    | 10.015 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.03%       |
| 12) S 1-chlorooctadecane (S... | 12.796 | 1117928    | 10.008 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.151  | 1150629    | 9.778 ug/ml  |
| 2) T n-Decane (C10)            | 4.208  | 1163002    | 9.792 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.777  | 1262678    | 9.655 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.219  | 1207750    | 9.907 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.830  | 1295779    | 9.726 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.010  | 1220956    | 9.906 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.608  | 1229628    | 9.955 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.047 | 1303733    | 9.983 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.354 | 1335278    | 10.039 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.966 | 1339645    | 10.052 ug/ml |
| 13) T n-Docosane (C22)         | 13.551 | 1337887    | 10.009 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.652 | 1341088    | 10.013 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.672 | 1319731    | 9.935 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.622 | 1312852    | 9.946 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.510 | 1292008    | 9.963 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.341 | 1252771    | 10.023 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.125 | 1190901    | 9.998 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.864 | 1104289    | 9.981 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.571 | 996194     | 9.978 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.404 | 972835     | 9.844 ug/ml  |
| -----                          |        |            |              |

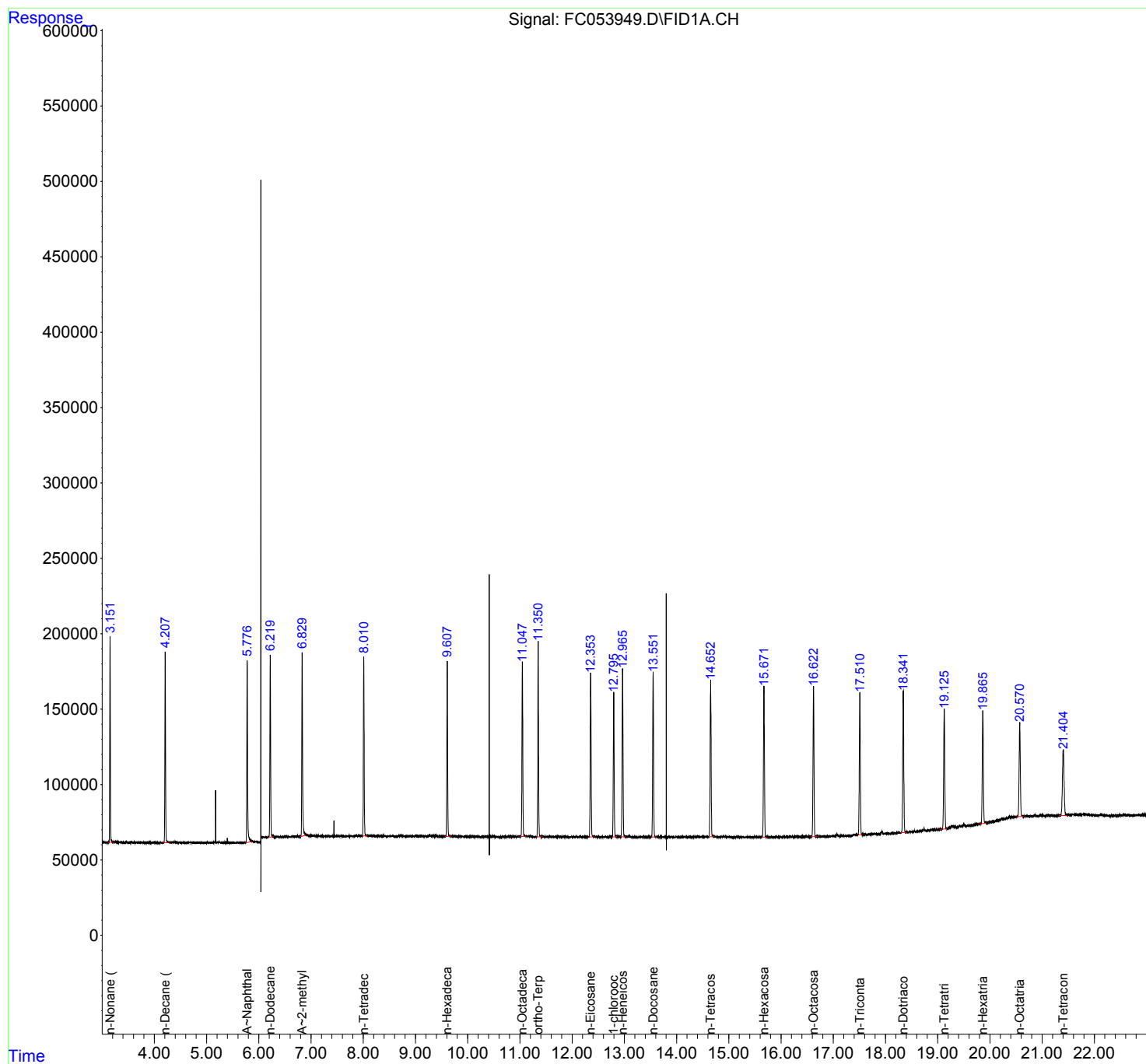
(f)=RT Delta > 1/2 Window

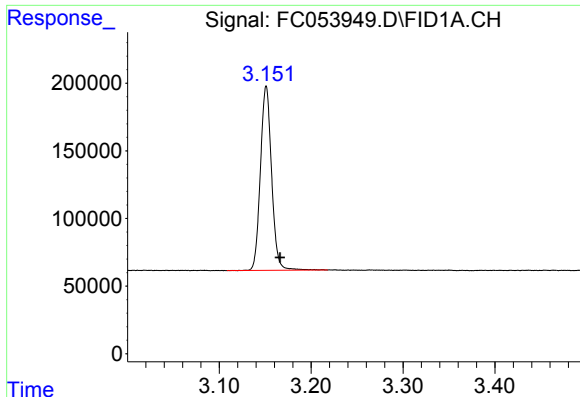
(m)=manual int.

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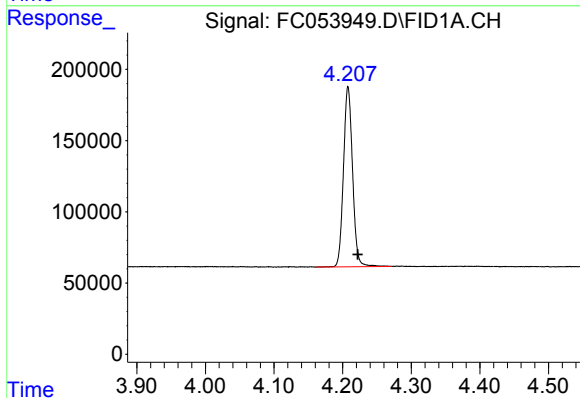
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





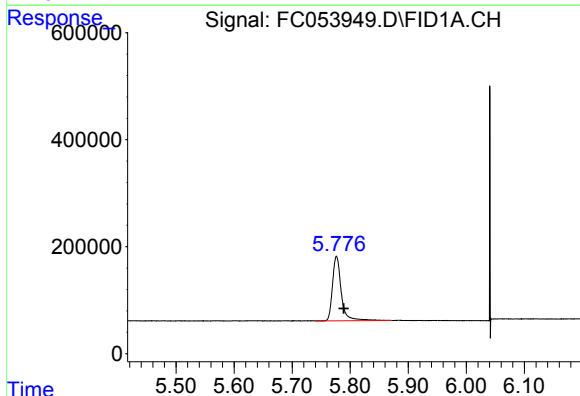
#1 n-Nonane (C9)

R.T.: 3.151 min  
Delta R.T.: -0.015 min  
Response: 1150629  
Conc: 9.78 ug/ml



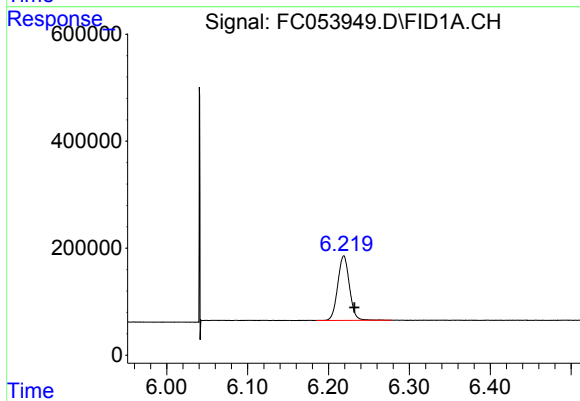
#2 n-Decane (C10)

R.T.: 4.208 min  
Delta R.T.: -0.014 min  
Response: 1163002  
Conc: 9.79 ug/ml



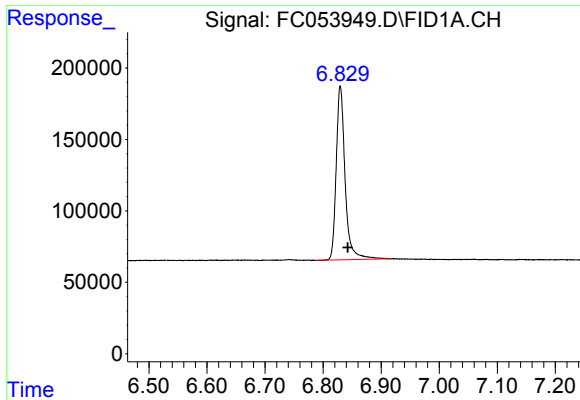
#3 A-Naphthalene (C11.7)

R.T.: 5.777 min  
Delta R.T.: -0.013 min  
Response: 1262678  
Conc: 9.66 ug/ml



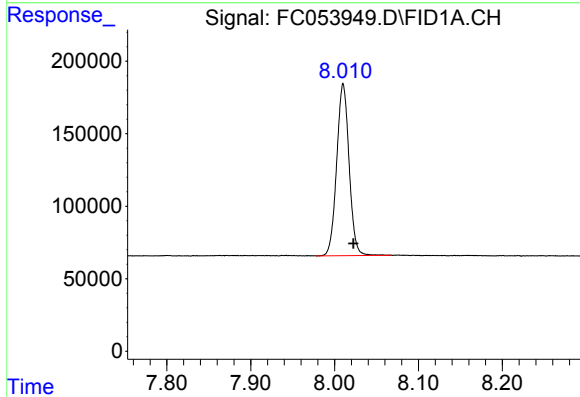
#4 n-Dodecane (C12)

R.T.: 6.219 min  
Delta R.T.: -0.013 min  
Response: 1207750  
Conc: 9.91 ug/ml



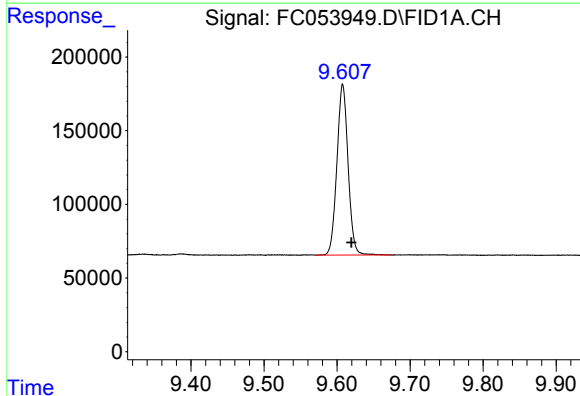
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.830 min  
Delta R.T.: -0.013 min  
Response: 1295779  
Conc: 9.73 ug/ml



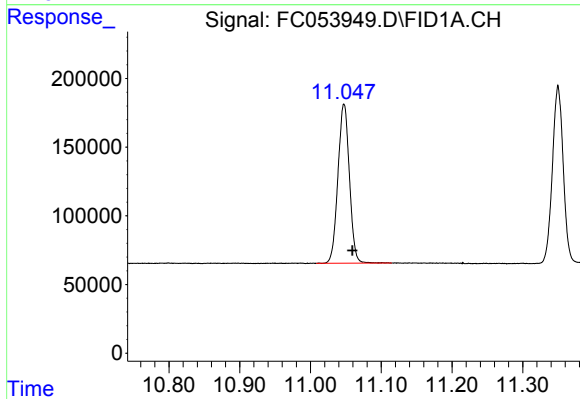
#6 n-Tetradecane (C14)

R.T.: 8.010 min  
Delta R.T.: -0.012 min  
Response: 1220956  
Conc: 9.91 ug/ml



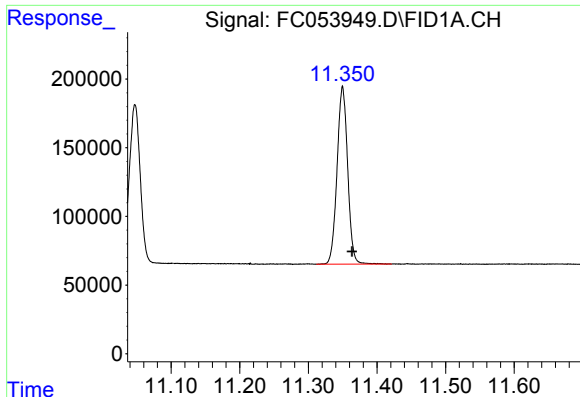
#7 n-Hexadecane (C16)

R.T.: 9.608 min  
Delta R.T.: -0.012 min  
Response: 1229628  
Conc: 9.96 ug/ml



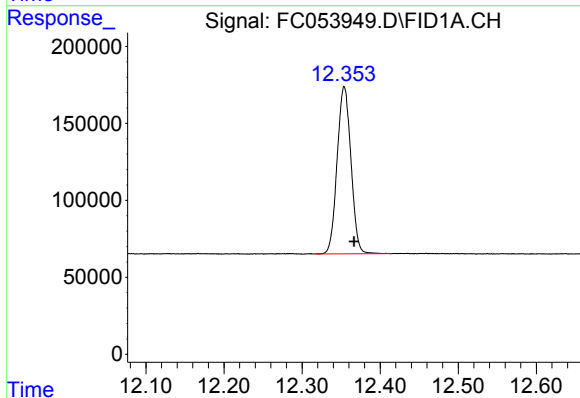
#8 n-Octadecane (C18)

R.T.: 11.047 min  
Delta R.T.: -0.012 min  
Response: 1303733  
Conc: 9.98 ug/ml



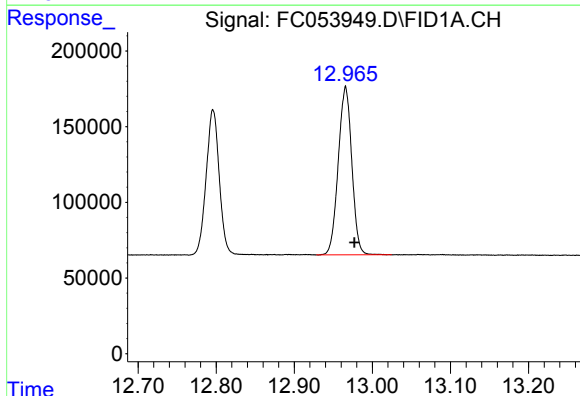
#9 ortho-Terphenyl (SURR)

R.T.: 11.350 min  
Delta R.T.: -0.014 min  
Response: 1386677  
Conc: 10.01 ug/ml



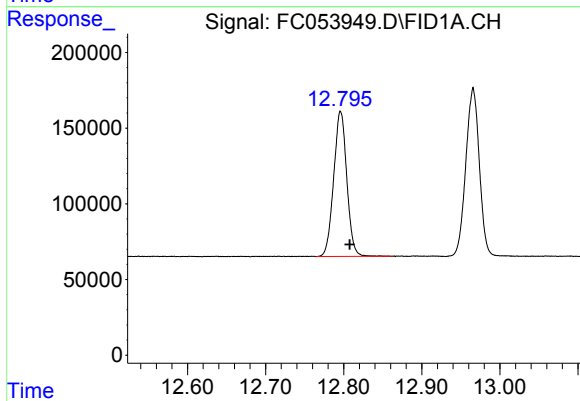
#10 n-Eicosane (C20)

R.T.: 12.354 min  
Delta R.T.: -0.012 min  
Response: 1335278  
Conc: 10.04 ug/ml



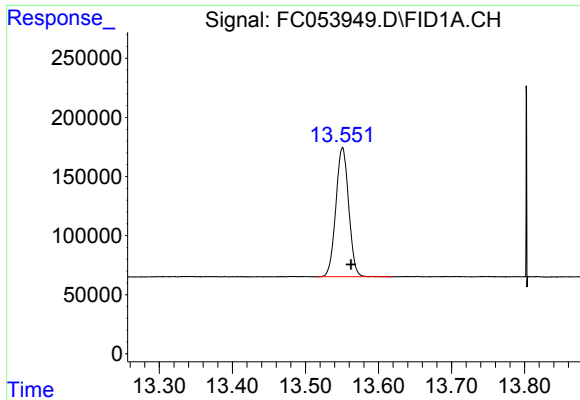
#11 n-Heneicosane (C21)

R.T.: 12.966 min  
Delta R.T.: -0.012 min  
Response: 1339645  
Conc: 10.05 ug/ml



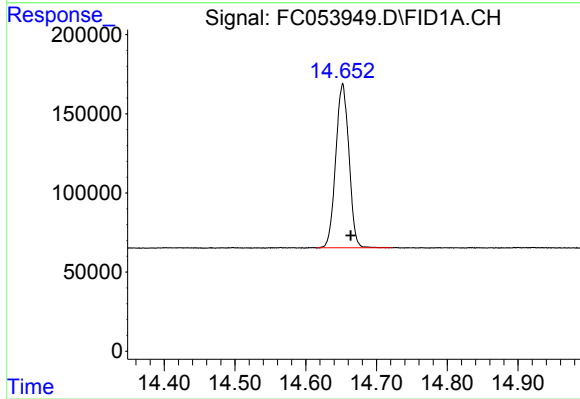
#12 1-chlorooctadecane (SURR)

R.T.: 12.796 min  
Delta R.T.: -0.012 min  
Response: 1117928  
Conc: 10.01 ug/ml



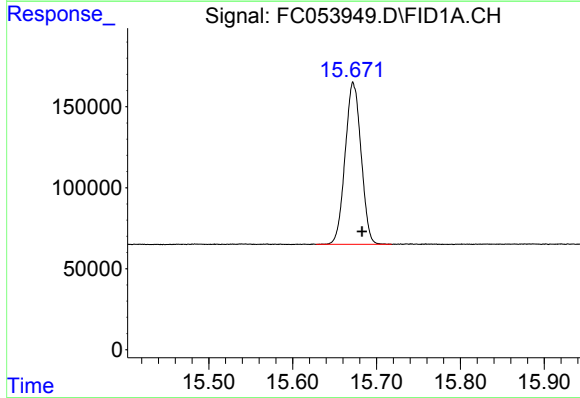
#13 n-Docosane (C22)

R.T.: 13.551 min  
Delta R.T.: -0.012 min  
Response: 1337887  
Conc: 10.01 ug/ml



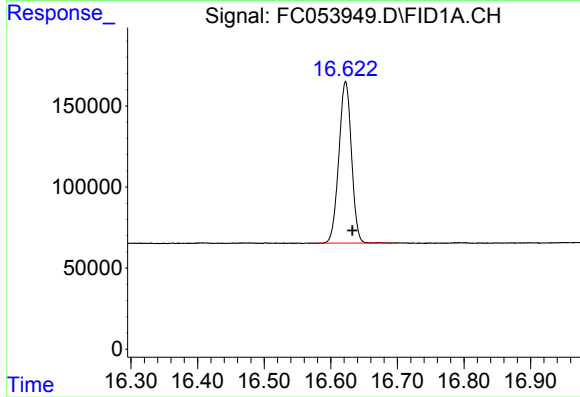
#14 n-Tetracosane (C24)

R.T.: 14.652 min  
Delta R.T.: -0.012 min  
Response: 1341088  
Conc: 10.01 ug/ml



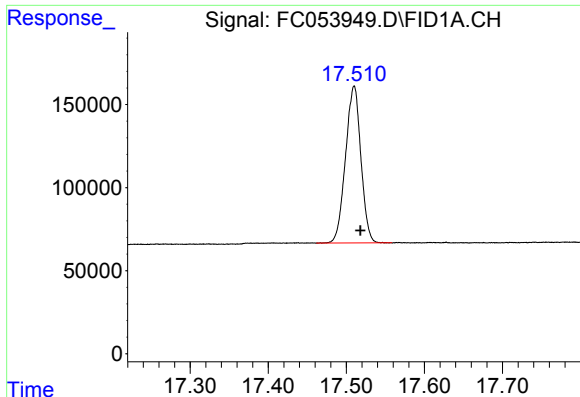
#15 n-Hexacosane (C26)

R.T.: 15.672 min  
Delta R.T.: -0.010 min  
Response: 1319731  
Conc: 9.93 ug/ml



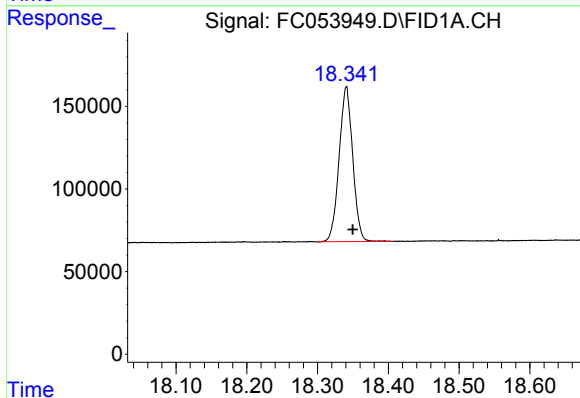
#16 n-Octacosane (C28)

R.T.: 16.622 min  
Delta R.T.: -0.010 min  
Response: 1312852  
Conc: 9.95 ug/ml



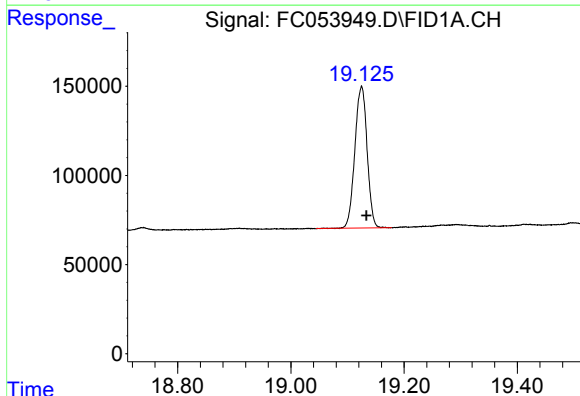
#17 n-Tricontane (C30)

R.T.: 17.510 min  
Delta R.T.: -0.008 min  
Response: 1292008  
Conc: 9.96 ug/ml



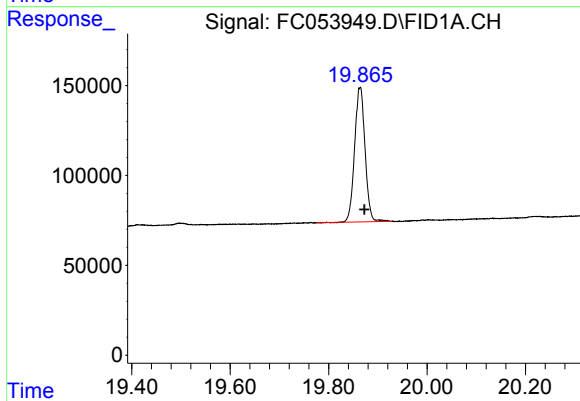
#18 n-Dotriacontane (C32)

R.T.: 18.341 min  
Delta R.T.: -0.009 min  
Response: 1252771  
Conc: 10.02 ug/ml



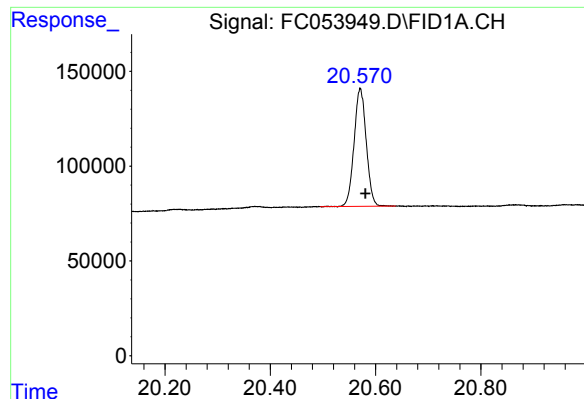
#19 n-Tetratriacontane (C34)

R.T.: 19.125 min  
Delta R.T.: -0.009 min  
Response: 1190901  
Conc: 10.00 ug/ml



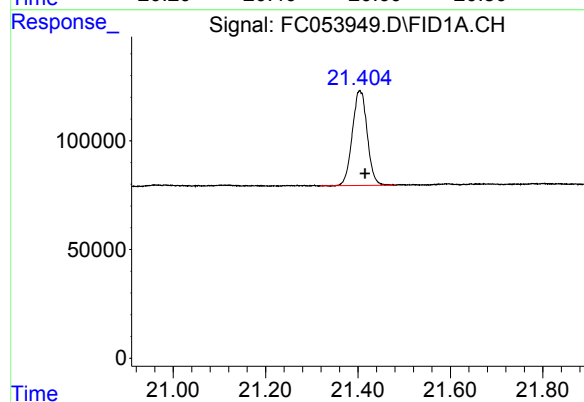
#20 n-Hexatriacontane (C36)

R.T.: 19.864 min  
Delta R.T.: -0.009 min  
Response: 1104289  
Conc: 9.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.571 min  
Delta R.T.: -0.010 min  
Response: 996194  
Conc: 9.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.404 min  
Delta R.T.: -0.011 min  
Response: 972835  
Conc: 9.84 ug/ml