

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022521AL\  
 Data File : FC052154.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Feb 2021 20:00  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 26 00:55:08 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 021521.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 16 09:35:39 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)    | 11.694 | 2467466    | 20.329 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.66%       |
| 12) S 1-chlorooctadecane (S... | 13.124 | 1967260    | 20.036 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.07%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.446  | 2209922    | 20.914 ug/ml |
| 2) T n-Decane (C10)            | 4.515  | 2241056    | 21.030 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.109  | 2538542    | 21.226 ug/ml |
| 4) T n-Dodecane (C12)          | 6.535  | 2299058    | 21.261 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.166  | 2598368    | 21.294 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.329  | 2321266    | 21.375 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.929  | 2290941    | 21.228 ug/ml |
| 8) T n-Octadecane (C18)        | 11.371 | 2363689    | 20.907 ug/ml |
| 10) T n-Eicosane (C20)         | 12.679 | 2345562    | 20.423 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.291 | 2316962    | 20.104 ug/ml |
| 13) T n-Docosane (C22)         | 13.877 | 2288672    | 19.745 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.979 | 2213231    | 18.901 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.999 | 2104054    | 17.996 ug/ml |
| 16) T n-Octacosane (C28)       | 16.947 | 2013741    | 17.123 ug/ml |
| 17) T n-Tricontane (C30)       | 17.835 | 1938904    | 16.404 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.667 | 1865752    | 15.910 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.453 | 1821149    | 15.724 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.197 | 1766507    | 15.877 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.955 | 1698175    | 16.582 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.912 | 1772453    | 17.195 ug/ml |
| -----                          |        |            |              |

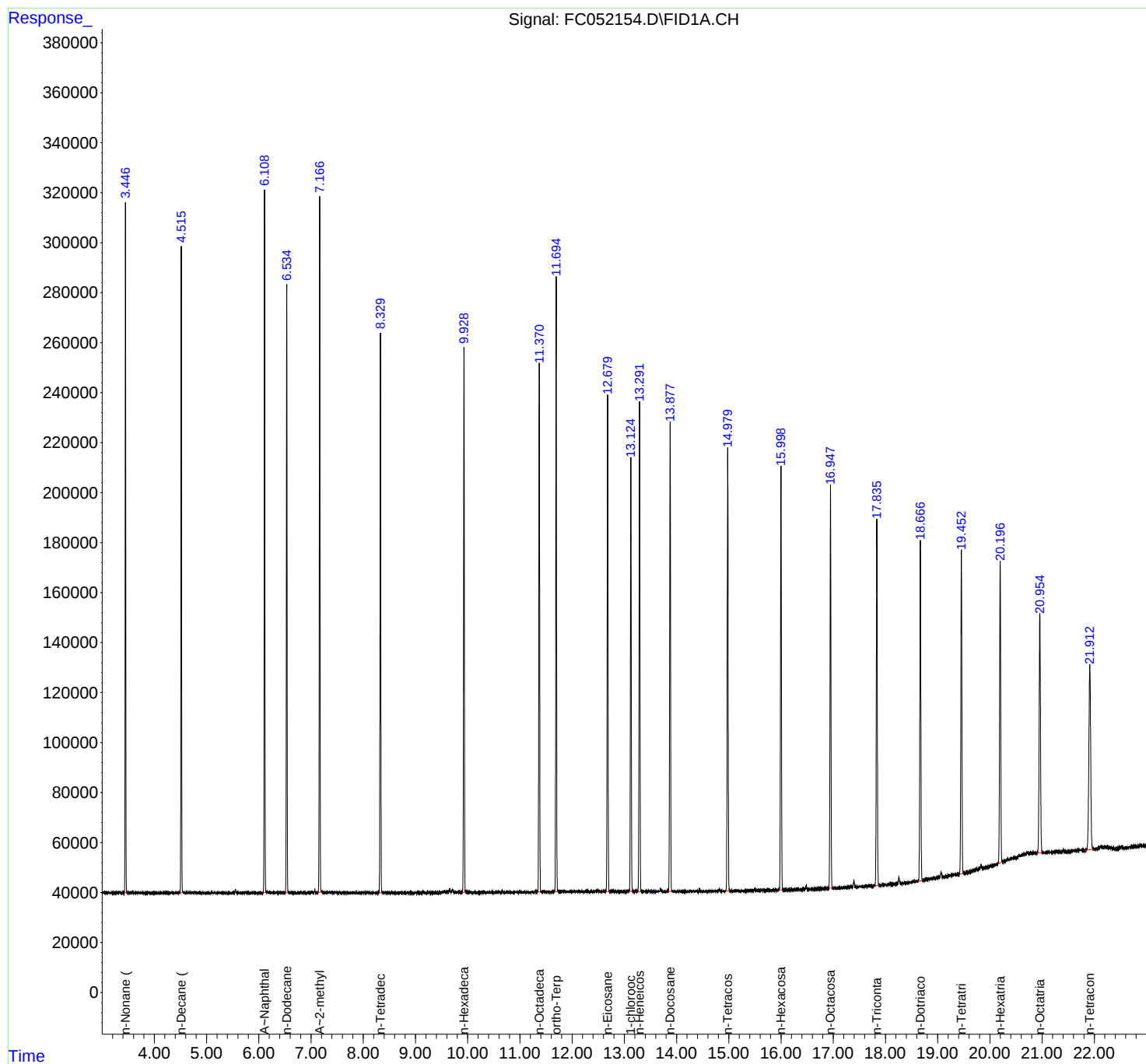
(f)=RT Delta > 1/2 Window

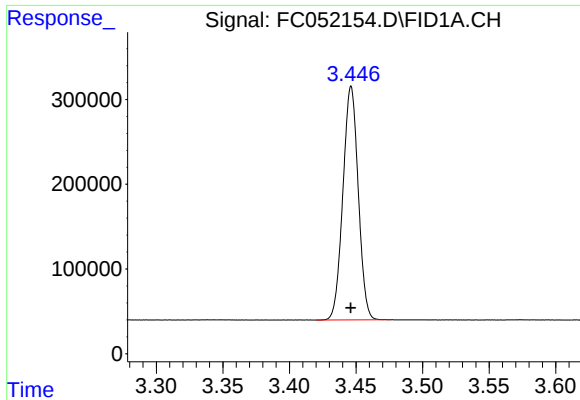
(m)=manual int.

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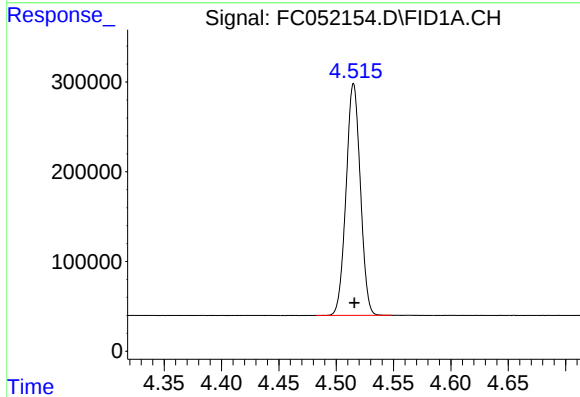
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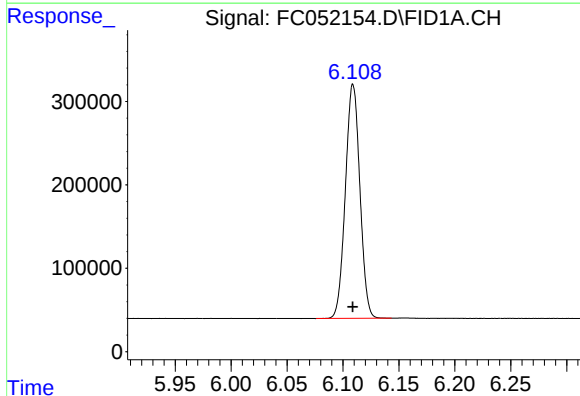
#1 n-Nonane (C9)

R.T.: 3.446 min  
Delta R.T.: 0.000 min  
Response: 2209922  
Conc: 20.91 ug/ml



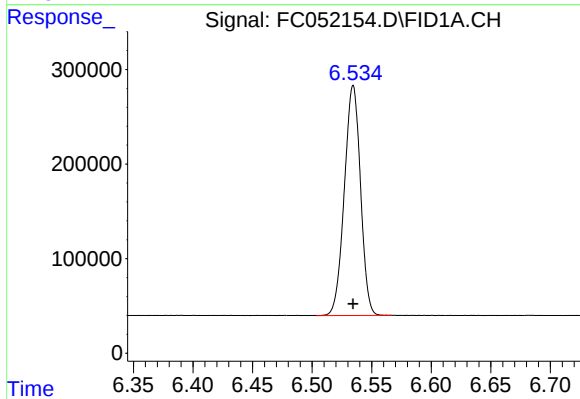
#2 n-Decane (C10)

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 2241056  
Conc: 21.03 ug/ml



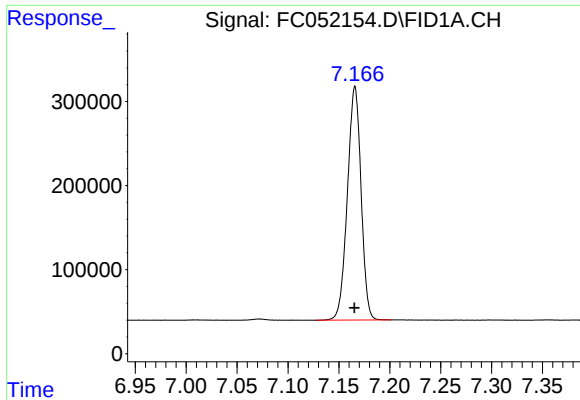
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 2538542  
Conc: 21.23 ug/ml



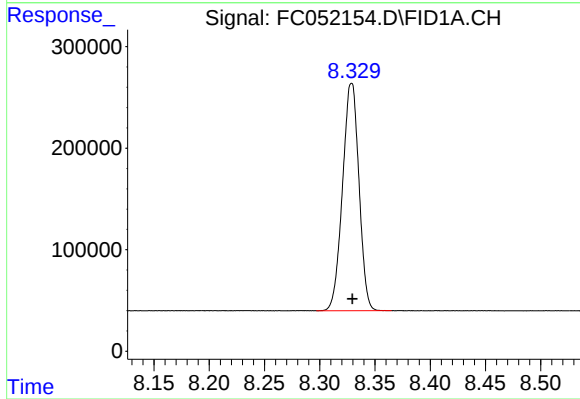
#4 n-Dodecane (C12)

R.T.: 6.535 min  
Delta R.T.: 0.000 min  
Response: 2299058  
Conc: 21.26 ug/ml



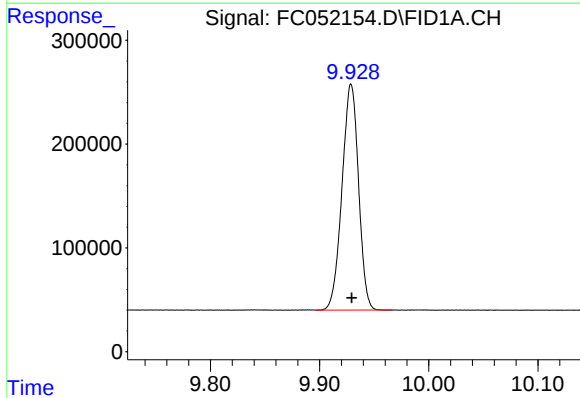
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 2598368  
Conc: 21.29 ug/ml



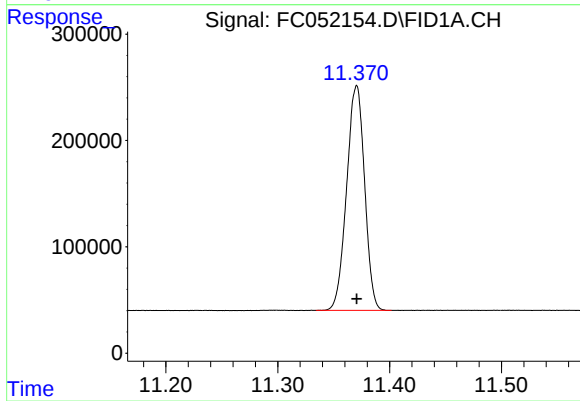
#6 n-Tetradecane (C14)

R.T.: 8.329 min  
Delta R.T.: 0.000 min  
Response: 2321266  
Conc: 21.37 ug/ml



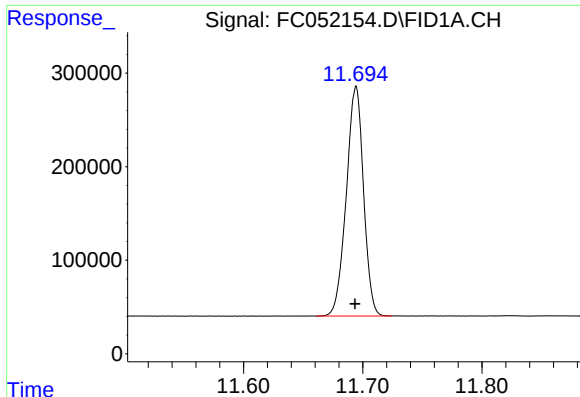
#7 n-Hexadecane (C16)

R.T.: 9.929 min  
Delta R.T.: 0.000 min  
Response: 2290941  
Conc: 21.23 ug/ml



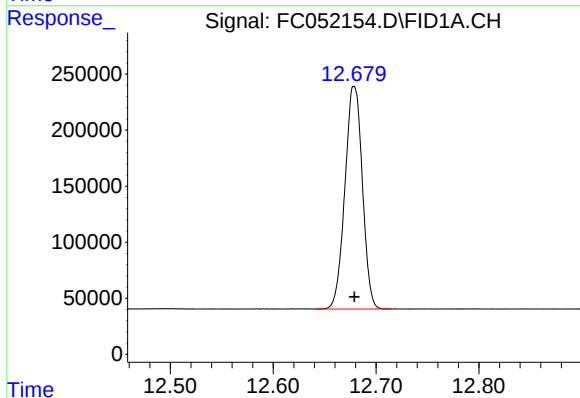
#8 n-Octadecane (C18)

R.T.: 11.371 min  
Delta R.T.: 0.000 min  
Response: 2363689  
Conc: 20.91 ug/ml



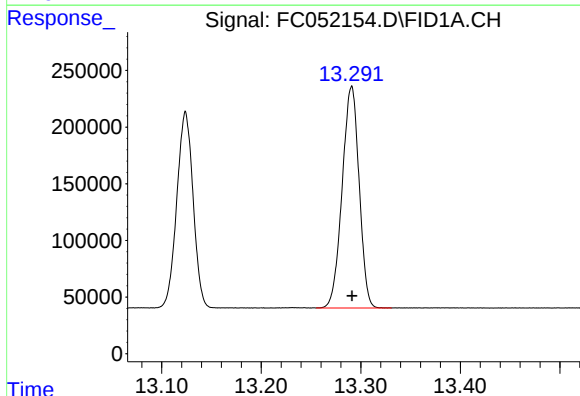
#9 ortho-Terphenyl (SURR)

R.T.: 11.694 min  
Delta R.T.: 0.000 min  
Response: 2467466  
Conc: 20.33 ug/ml



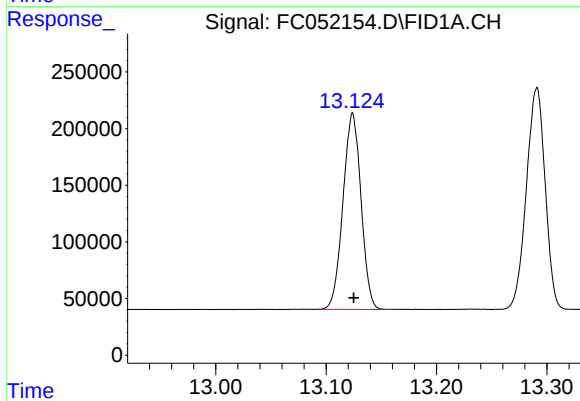
#10 n-Eicosane (C20)

R.T.: 12.679 min  
Delta R.T.: 0.000 min  
Response: 2345562  
Conc: 20.42 ug/ml



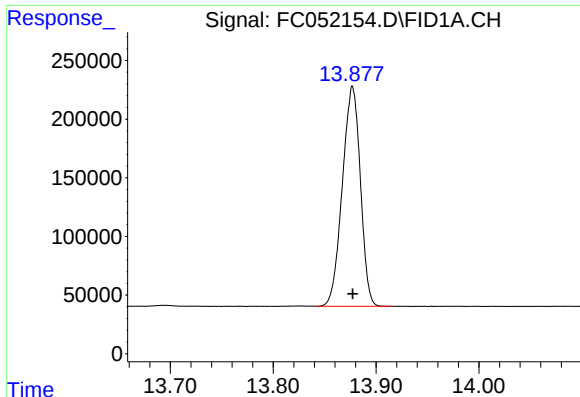
#11 n-Heneicosane (C21)

R.T.: 13.291 min  
Delta R.T.: 0.000 min  
Response: 2316962  
Conc: 20.10 ug/ml



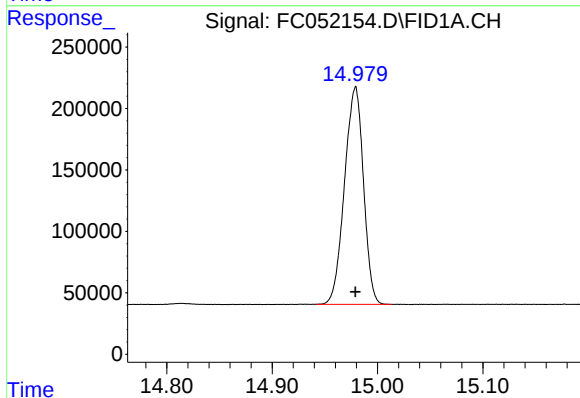
#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min  
Delta R.T.: -0.001 min  
Response: 1967260  
Conc: 20.04 ug/ml



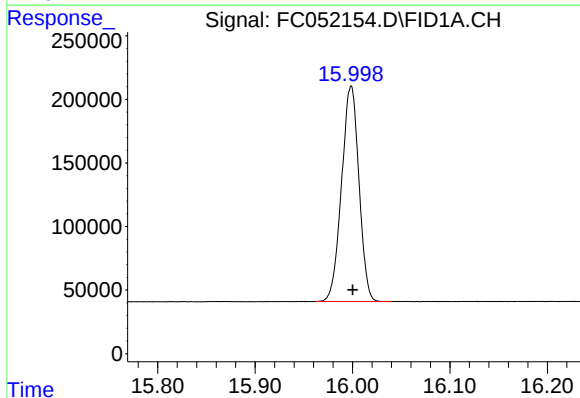
#13 n-Docosane (C22)

R.T.: 13.877 min  
Delta R.T.: 0.000 min  
Response: 2288672  
Conc: 19.75 ug/ml



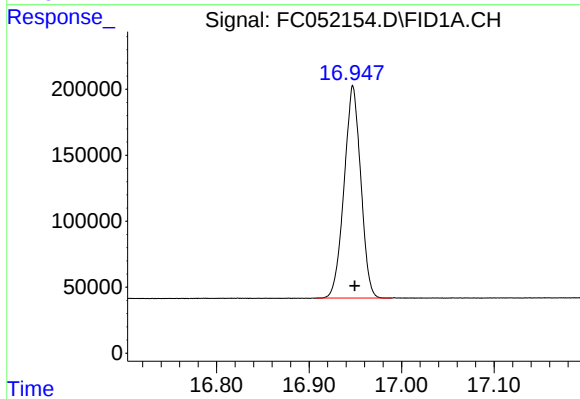
#14 n-Tetracosane (C24)

R.T.: 14.979 min  
Delta R.T.: 0.000 min  
Response: 2213231  
Conc: 18.90 ug/ml



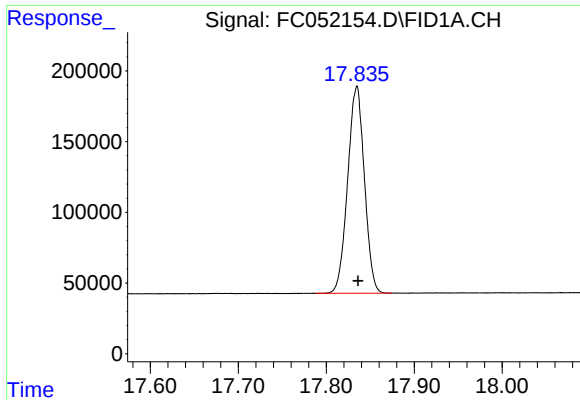
#15 n-Hexacosane (C26)

R.T.: 15.999 min  
Delta R.T.: -0.002 min  
Response: 2104054  
Conc: 18.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min  
Delta R.T.: -0.002 min  
Response: 2013741  
Conc: 17.12 ug/ml



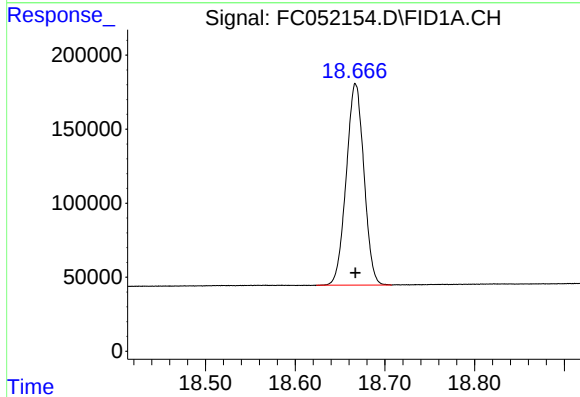
#17 n-Tricontane (C30)

R.T.: 17.835 min

Delta R.T.: -0.001 min

Response: 1938904

Conc: 16.40 ug/ml



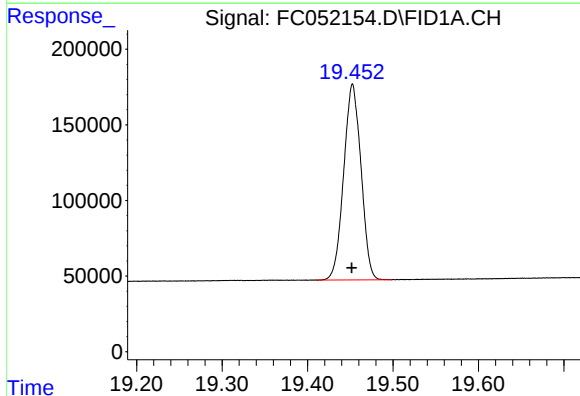
#18 n-Dotriacontane (C32)

R.T.: 18.667 min

Delta R.T.: 0.000 min

Response: 1865752

Conc: 15.91 ug/ml



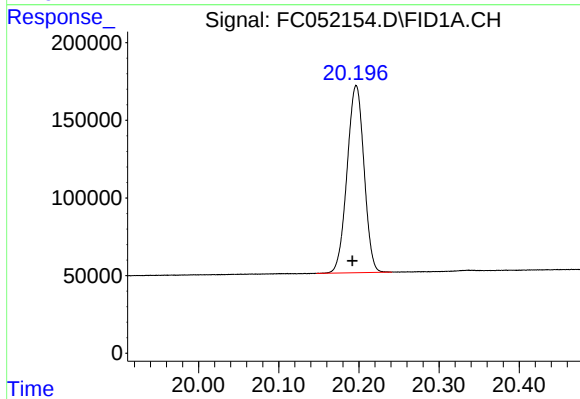
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min

Delta R.T.: 0.000 min

Response: 1821149

Conc: 15.72 ug/ml



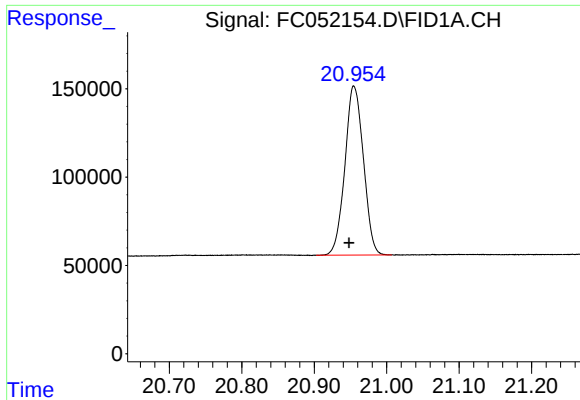
#20 n-Hexatriacontane (C36)

R.T.: 20.197 min

Delta R.T.: 0.005 min

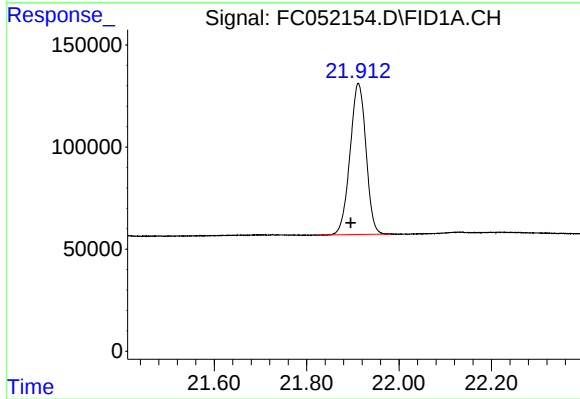
Response: 1766507

Conc: 15.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.955 min  
Delta R.T.: 0.007 min  
Response: 1698175  
Conc: 16.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.912 min  
Delta R.T.: 0.016 min  
Response: 1772453  
Conc: 17.19 ug/ml