

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092920AL\  
 Data File : FC049802.D  
 Signal(s) : FID1A.CH  
 Acq On : 29 Sep 2020 9:56  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 30 02:46:08 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 05:58:47 2020  
 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)    | 11.659 | 2136417    | 18.594 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.19%        |
| 12) S 1-chlorooctadecane (S... | 13.092 | 1634666    | 18.352 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.70%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.395  | 2170254    | 20.978 ug/ml  |
| 2) T n-Decane (C10)            | 4.468  | 2181820    | 21.006 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.065  | 2340927    | 20.360 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.492  | 2188316    | 20.702 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.124  | 2351306    | 20.111 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.290  | 2127931    | 20.171 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.893  | 2036405    | 19.568 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.336 | 2052574    | 19.099 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.646 | 1999046    | 18.669 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.258 | 1963997    | 18.456 ug/ml  |
| 13) T n-Docosane (C22)         | 13.844 | 1935739    | 18.292 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.947 | 1890318    | 18.065 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.967 | 1865630    | 18.250 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.918 | 1874644    | 18.653 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.804 | 1885603    | 19.366 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.635 | 1805843    | 19.985 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.416 | 1759067    | 20.549 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.155 | 1690991    | 20.989 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.908 | 1642604    | 21.697 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.852 | 1655419    | 21.275 ug/ml  |
| -----                          |        |            |               |

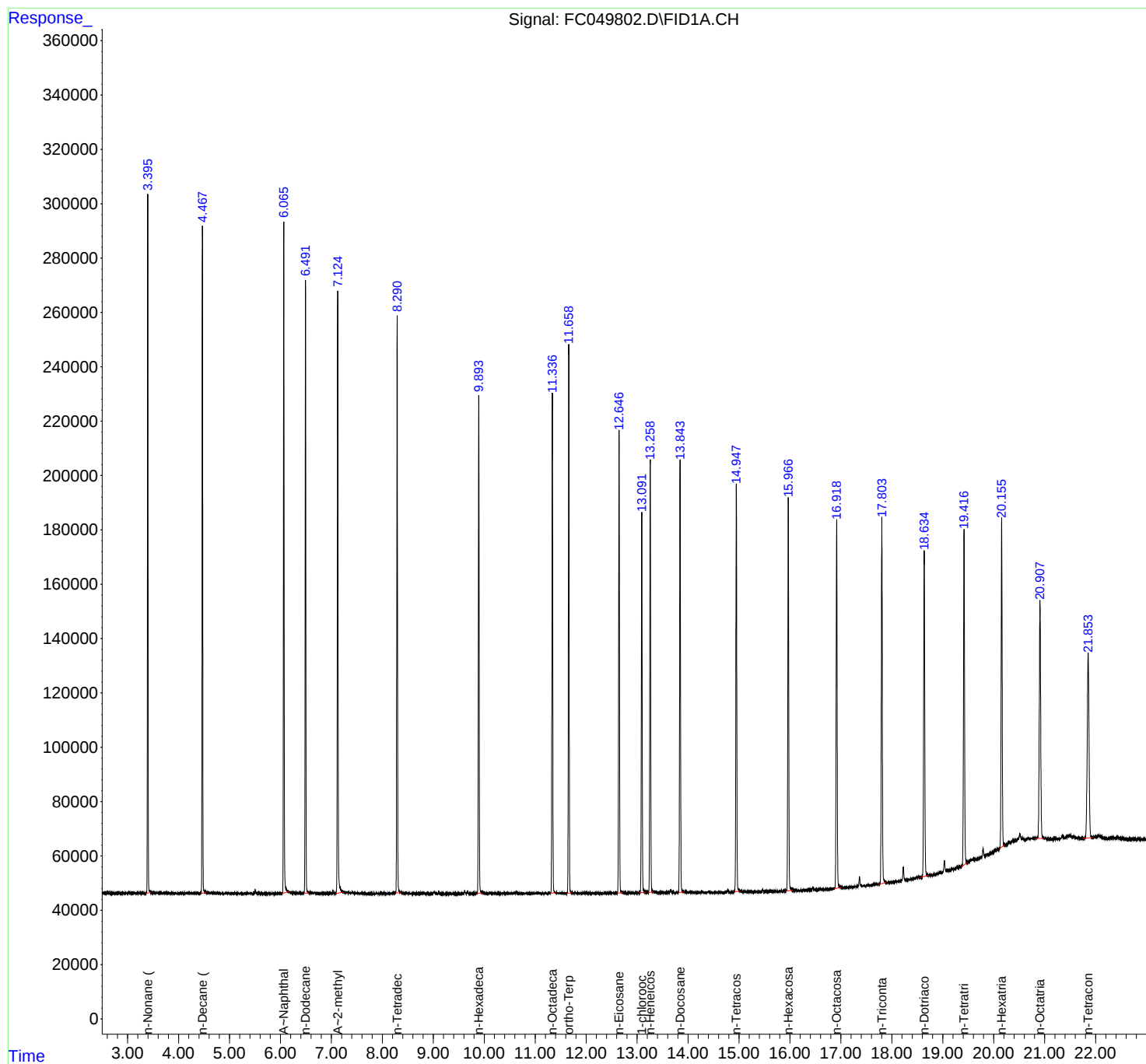
(f)=RT Delta > 1/2 Window

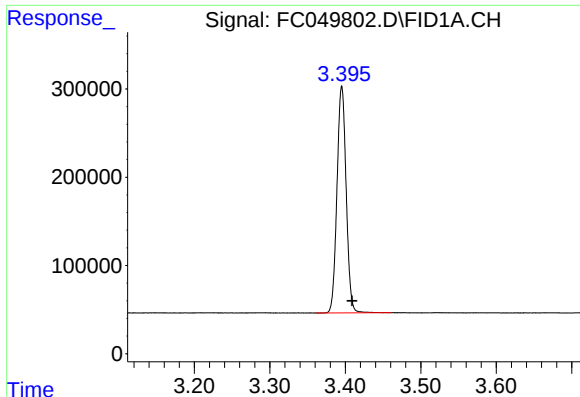
(m)=manual int.

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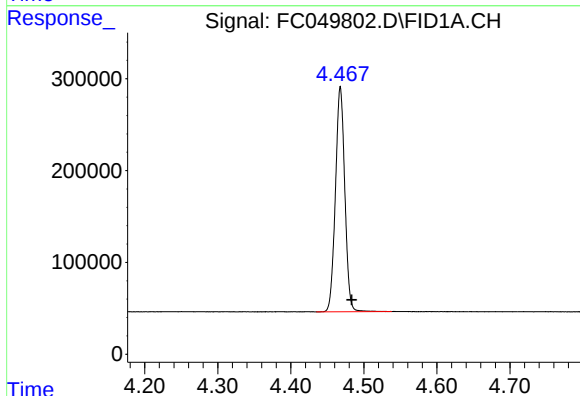
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





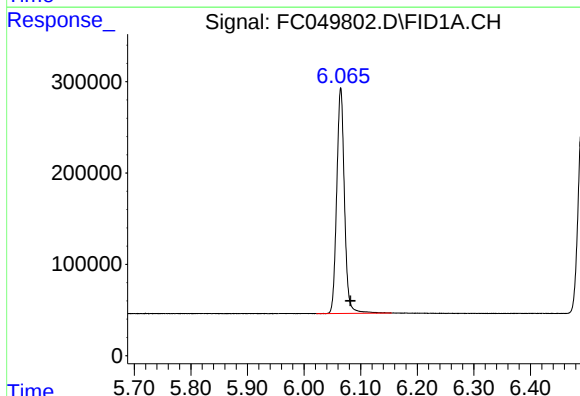
#1 n-Nonane (C9)

R.T.: 3.395 min  
Delta R.T.: -0.014 min  
Response: 2170254  
Conc: 20.98 ug/ml



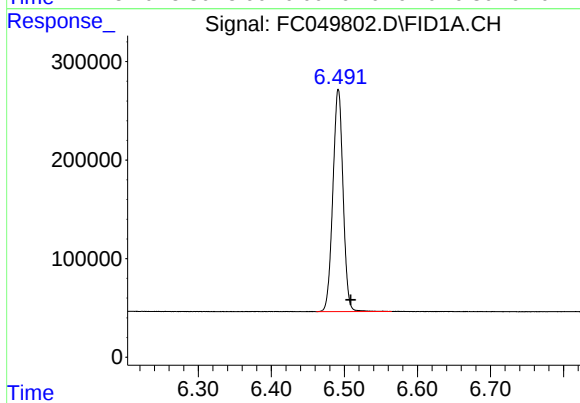
#2 n-Decane (C10)

R.T.: 4.468 min  
Delta R.T.: -0.016 min  
Response: 2181820  
Conc: 21.01 ug/ml



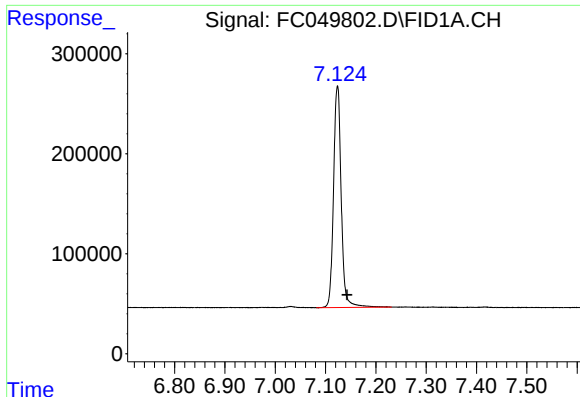
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min  
Delta R.T.: -0.017 min  
Response: 2340927  
Conc: 20.36 ug/ml



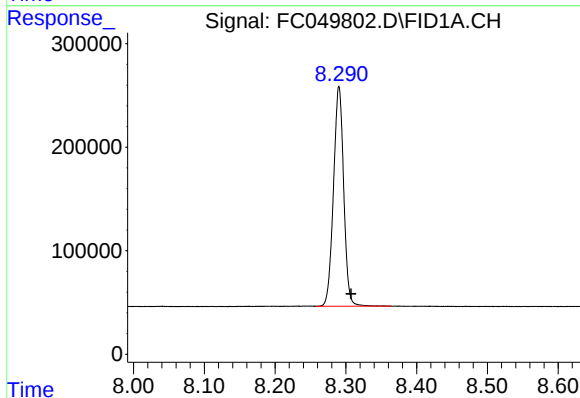
#4 n-Dodecane (C12)

R.T.: 6.492 min  
Delta R.T.: -0.017 min  
Response: 2188316  
Conc: 20.70 ug/ml



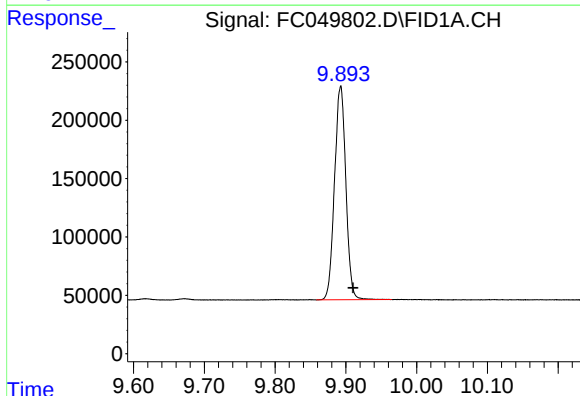
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min  
Delta R.T.: -0.019 min  
Response: 2351306  
Conc: 20.11 ug/ml



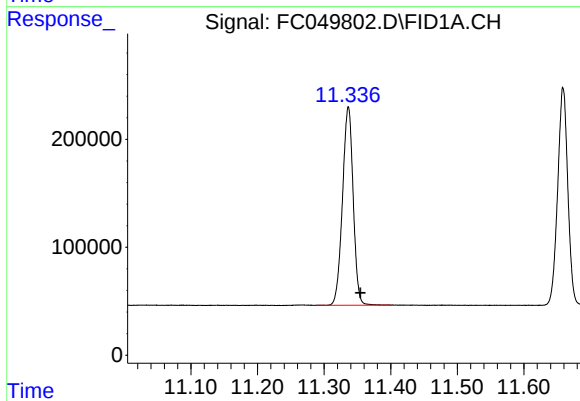
#6 n-Tetradecane (C14)

R.T.: 8.290 min  
Delta R.T.: -0.017 min  
Response: 2127931  
Conc: 20.17 ug/ml



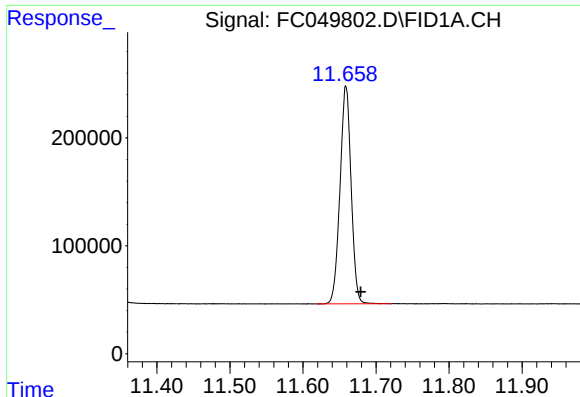
#7 n-Hexadecane (C16)

R.T.: 9.893 min  
Delta R.T.: -0.018 min  
Response: 2036405  
Conc: 19.57 ug/ml



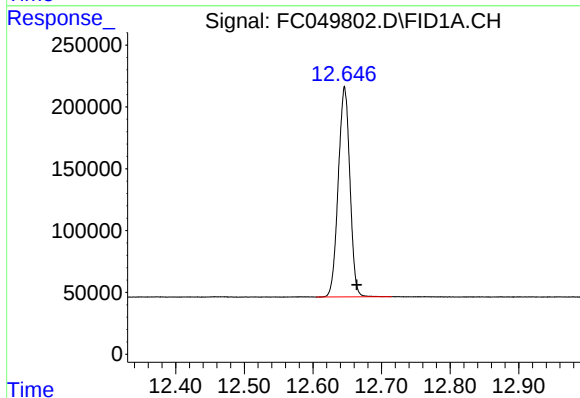
#8 n-Octadecane (C18)

R.T.: 11.336 min  
Delta R.T.: -0.018 min  
Response: 2052574  
Conc: 19.10 ug/ml



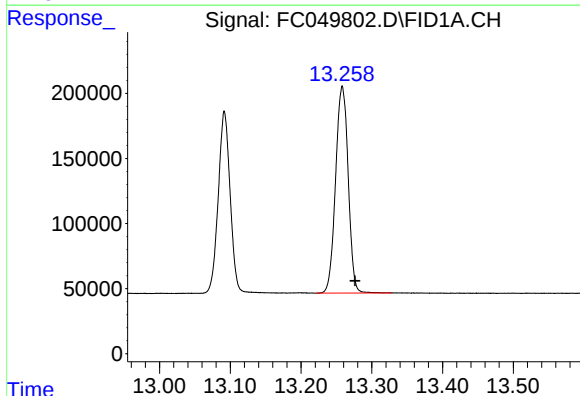
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min  
Delta R.T.: -0.020 min  
Response: 2136417  
Conc: 18.59 ug/ml



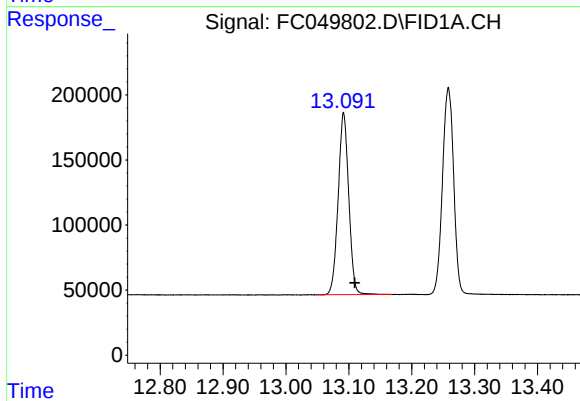
#10 n-Eicosane (C20)

R.T.: 12.646 min  
Delta R.T.: -0.018 min  
Response: 1999046  
Conc: 18.67 ug/ml



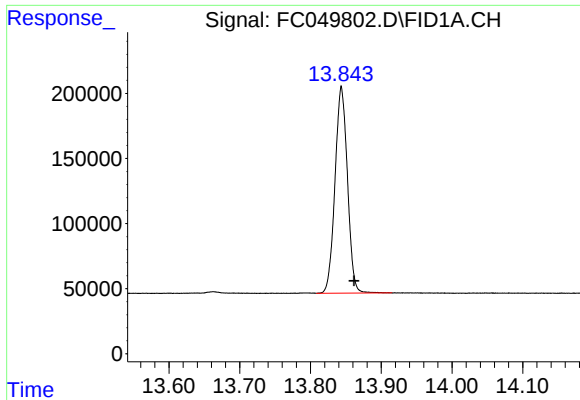
#11 n-Heneicosane (C21)

R.T.: 13.258 min  
Delta R.T.: -0.018 min  
Response: 1963997  
Conc: 18.46 ug/ml



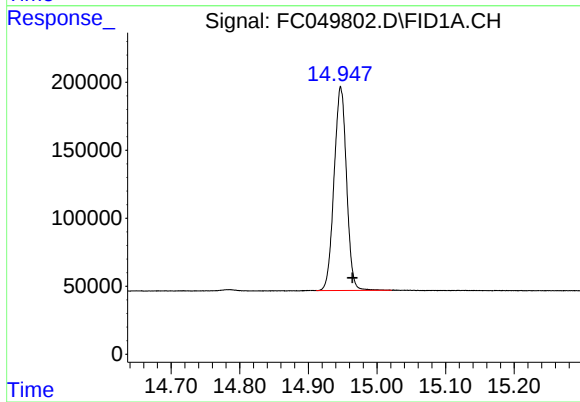
#12 1-chlorooctadecane (SURR)

R.T.: 13.092 min  
Delta R.T.: -0.018 min  
Response: 1634666  
Conc: 18.35 ug/ml



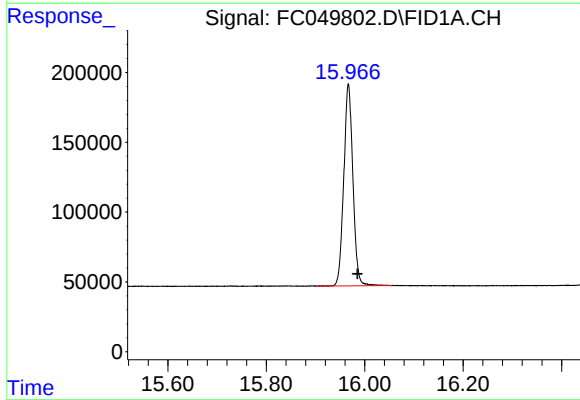
#13 n-Docosane (C22)

R.T.: 13.844 min  
Delta R.T.: -0.018 min  
Response: 1935739  
Conc: 18.29 ug/ml



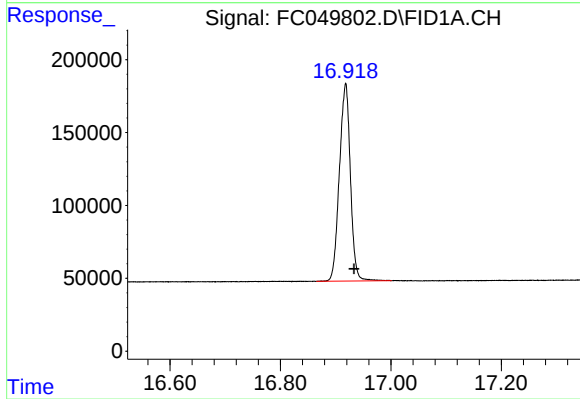
#14 n-Tetracosane (C24)

R.T.: 14.947 min  
Delta R.T.: -0.017 min  
Response: 1890318  
Conc: 18.06 ug/ml



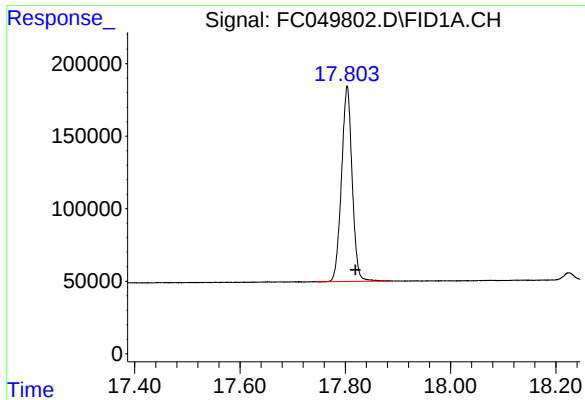
#15 n-Hexacosane (C26)

R.T.: 15.967 min  
Delta R.T.: -0.019 min  
Response: 1865630  
Conc: 18.25 ug/ml



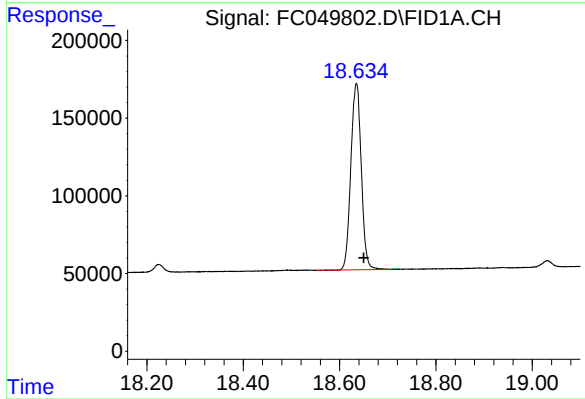
#16 n-Octacosane (C28)

R.T.: 16.918 min  
Delta R.T.: -0.016 min  
Response: 1874644  
Conc: 18.65 ug/ml



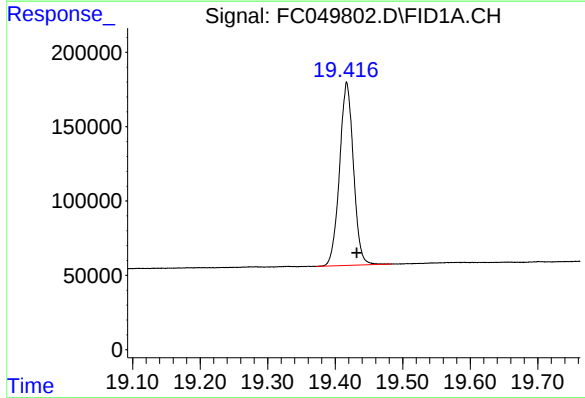
#17 n-Tricontane (C30)

R.T.: 17.804 min  
Delta R.T.: -0.016 min  
Response: 1885603  
Conc: 19.37 ug/ml



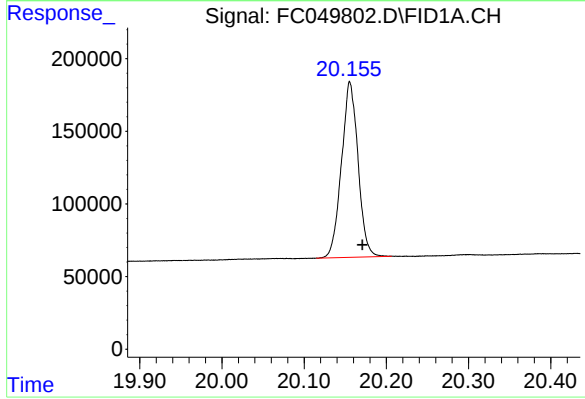
#18 n-Dotriacontane (C32)

R.T.: 18.635 min  
Delta R.T.: -0.015 min  
Response: 1805843  
Conc: 19.98 ug/ml



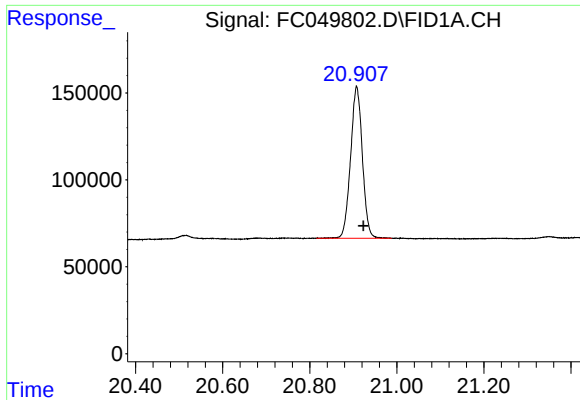
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min  
Delta R.T.: -0.016 min  
Response: 1759067  
Conc: 20.55 ug/ml m



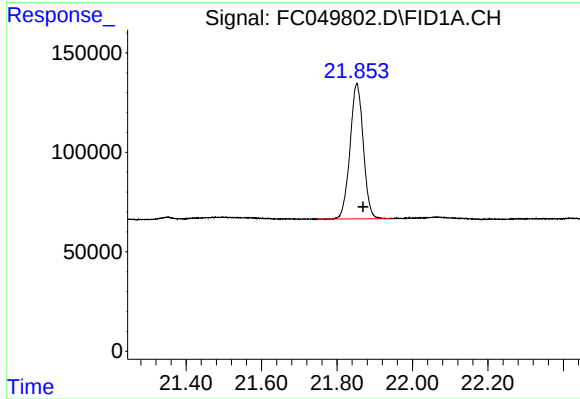
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min  
Delta R.T.: -0.016 min  
Response: 1690991  
Conc: 20.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.908 min  
Delta R.T.: -0.015 min  
Response: 1642604  
Conc: 21.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.852 min  
Delta R.T.: -0.016 min  
Response: 1655419  
Conc: 21.27 ug/ml