

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030620AL\  
 Data File : FC046190.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Mar 2020 5:22  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 07 06:08:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Feb 22 03:16:45 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)    | 11.765 | 2325677    | 20.387 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.77%        |
| 12) S 1-chlorooctadecane (S... | 13.182 | 1800886    | 20.075 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.15%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.538  | 2252422    | 22.345 ug/ml  |
| 2) T n-Decane (C10)            | 4.608  | 2299404    | 22.798 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.209  | 2462218    | 22.175 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.619  | 2321996    | 22.760 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.261  | 2478067    | 22.278 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.404  | 2307412    | 22.540 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.997  | 2289431    | 22.112 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.432 | 2262212    | 21.520 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.737 | 2210334    | 20.909 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.347 | 2189221    | 20.525 ug/ml  |
| 13) T n-Docosane (C22)         | 13.931 | 2150997    | 20.243 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.029 | 2110380    | 19.718 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.047 | 2065884    | 19.437 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.992 | 2033664    | 19.424 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.876 | 2004131    | 19.888 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.704 | 1736402    | 20.289 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.483 | 1481290    | 20.409 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.219 | 1320291    | 19.523 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.985 | 1207612    | 19.980 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.948 | 1310396    | 20.843 ug/mlm |
| -----                          |        |            |               |

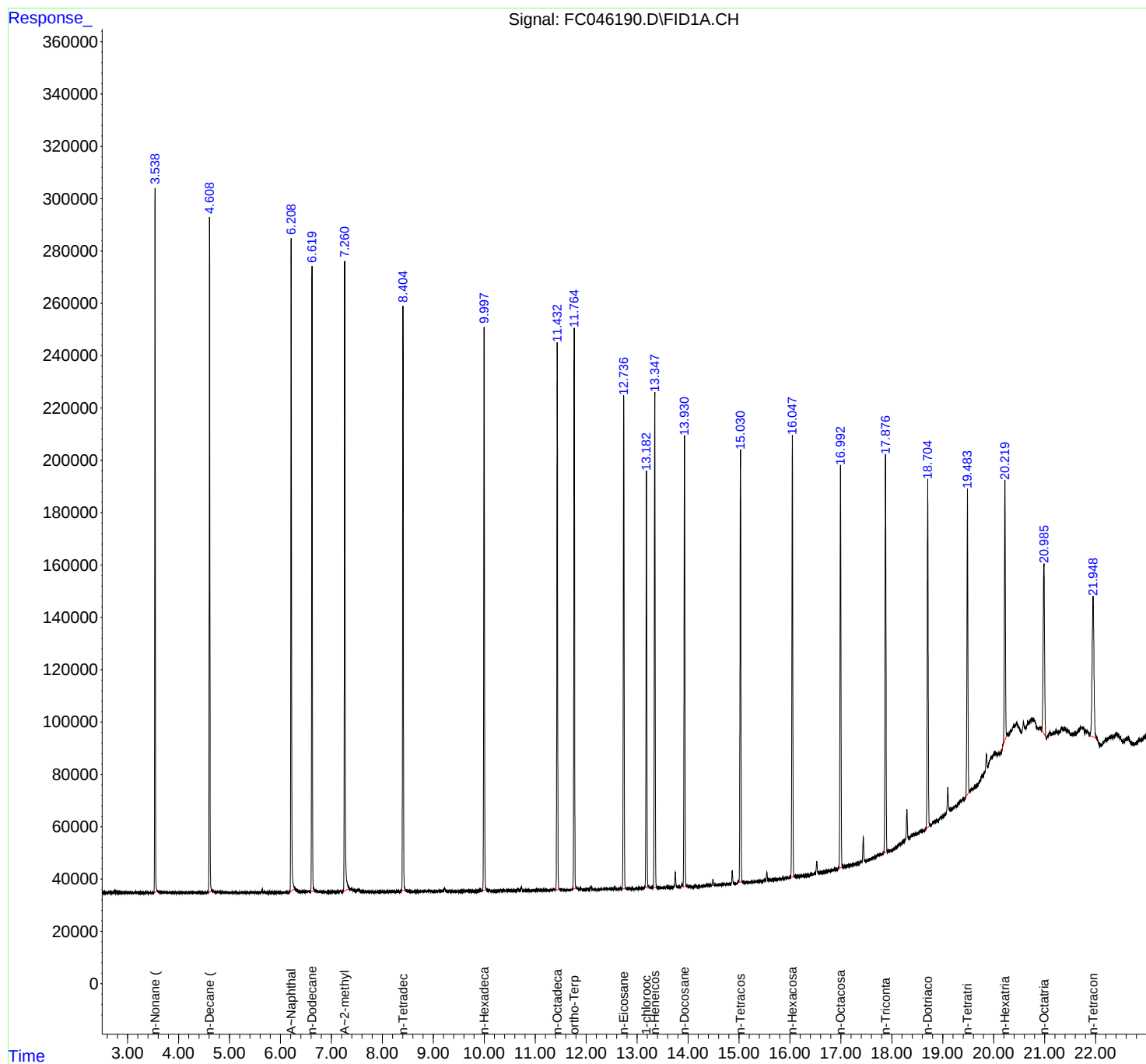
(f)=RT Delta > 1/2 Window

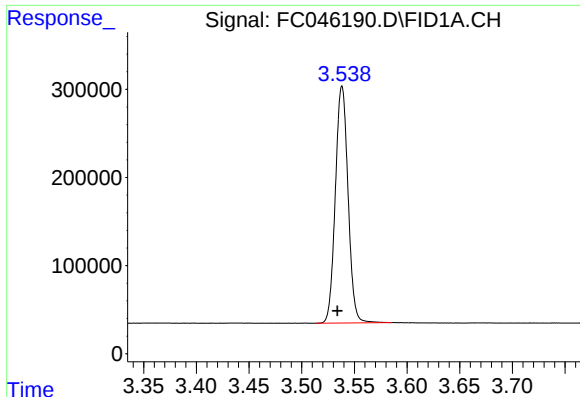
(m)=manual int.

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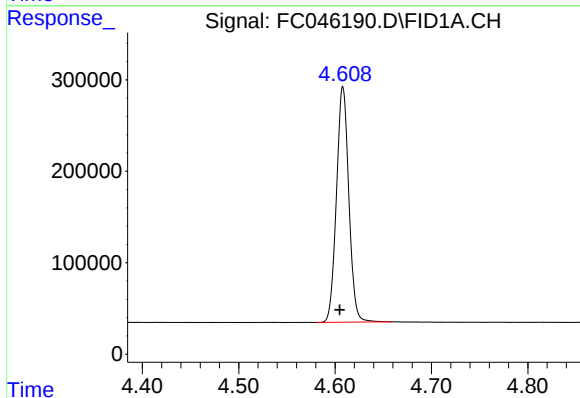
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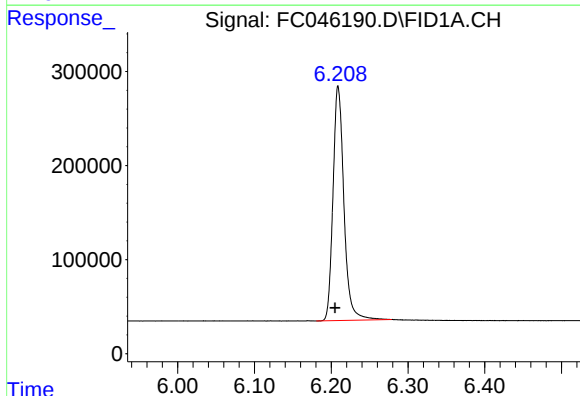
#1 n-Nonane (C9)

R.T.: 3.538 min  
Delta R.T.: 0.004 min  
Response: 2252422  
Conc: 22.35 ug/ml



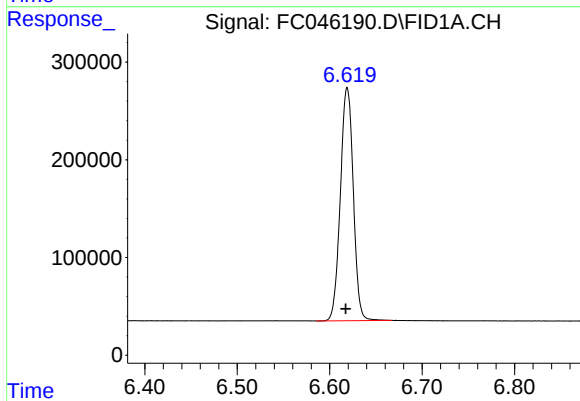
#2 n-Decane (C10)

R.T.: 4.608 min  
Delta R.T.: 0.004 min  
Response: 2299404  
Conc: 22.80 ug/ml



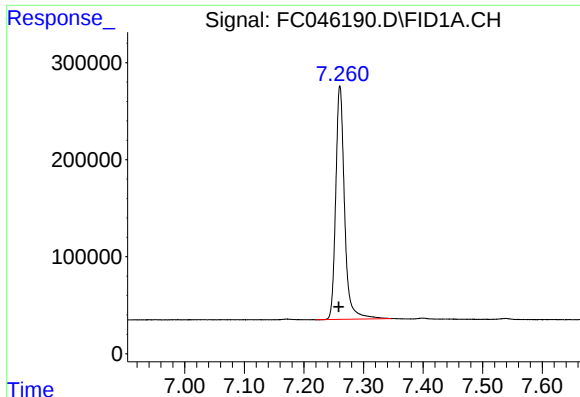
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min  
Delta R.T.: 0.004 min  
Response: 2462218  
Conc: 22.17 ug/ml



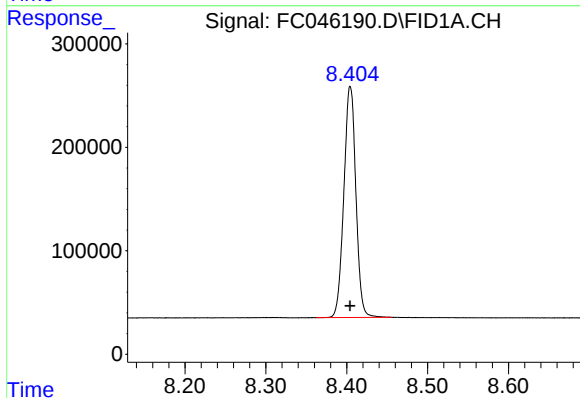
#4 n-Dodecane (C12)

R.T.: 6.619 min  
Delta R.T.: 0.002 min  
Response: 2321996  
Conc: 22.76 ug/ml



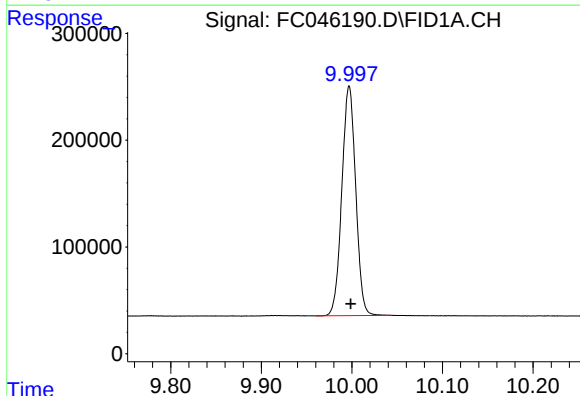
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min  
Delta R.T.: 0.002 min  
Response: 2478067  
Conc: 22.28 ug/ml



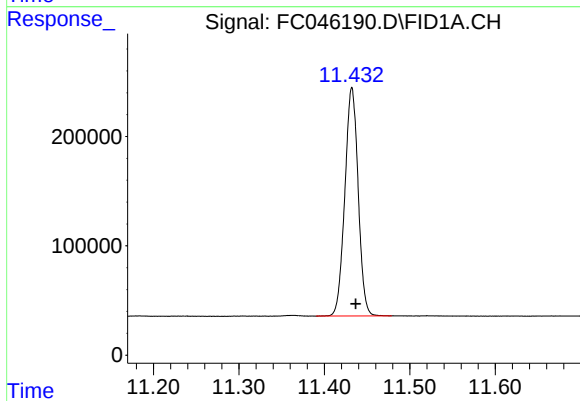
#6 n-Tetradecane (C14)

R.T.: 8.404 min  
Delta R.T.: 0.000 min  
Response: 2307412  
Conc: 22.54 ug/ml



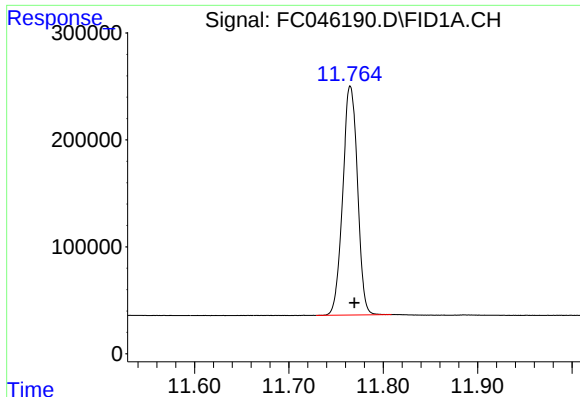
#7 n-Hexadecane (C16)

R.T.: 9.997 min  
Delta R.T.: -0.002 min  
Response: 2289431  
Conc: 22.11 ug/ml



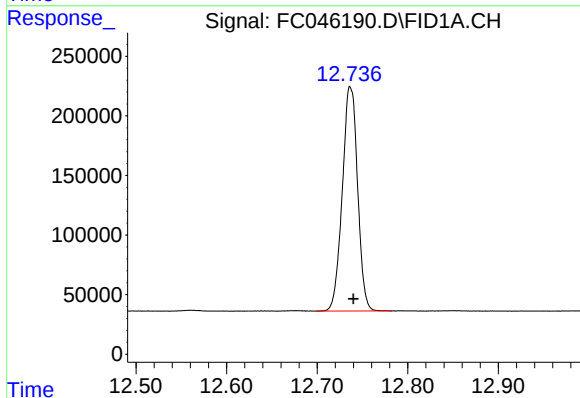
#8 n-Octadecane (C18)

R.T.: 11.432 min  
Delta R.T.: -0.005 min  
Response: 2262212  
Conc: 21.52 ug/ml



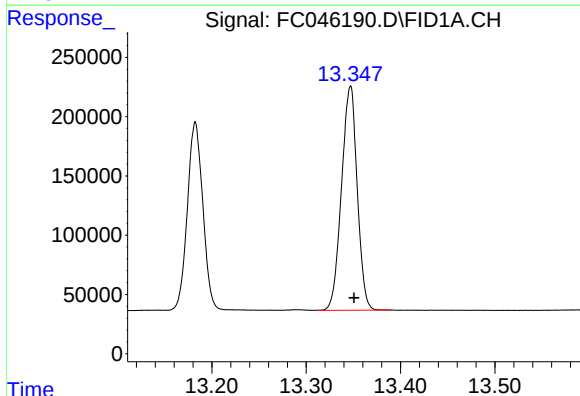
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min  
Delta R.T.: -0.005 min  
Response: 2325677  
Conc: 20.39 ug/ml



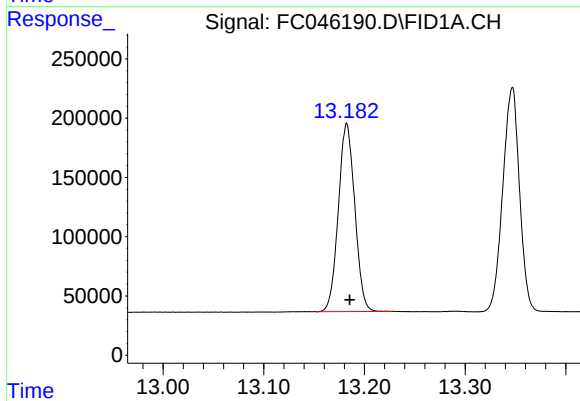
#10 n-Eicosane (C20)

R.T.: 12.737 min  
Delta R.T.: -0.003 min  
Response: 2210334  
Conc: 20.91 ug/ml



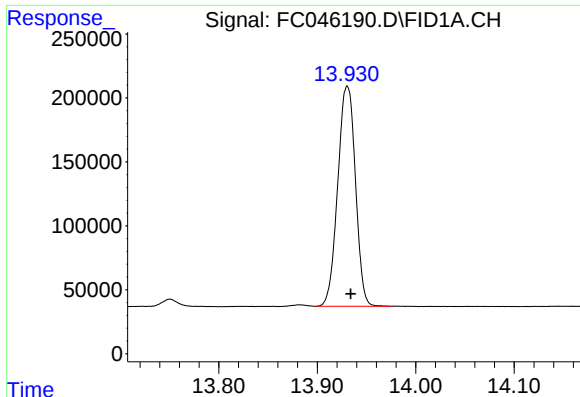
#11 n-Heneicosane (C21)

R.T.: 13.347 min  
Delta R.T.: -0.004 min  
Response: 2189221  
Conc: 20.53 ug/ml



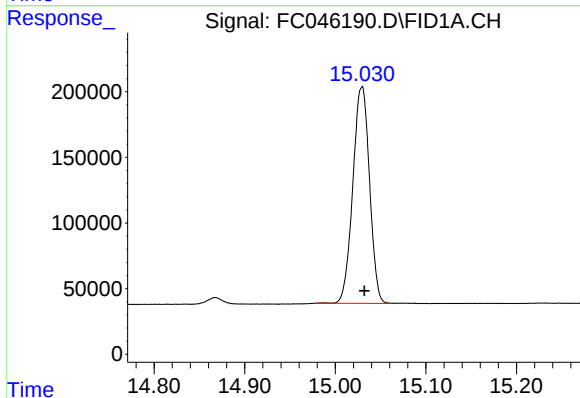
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min  
Delta R.T.: -0.003 min  
Response: 1800886  
Conc: 20.07 ug/ml



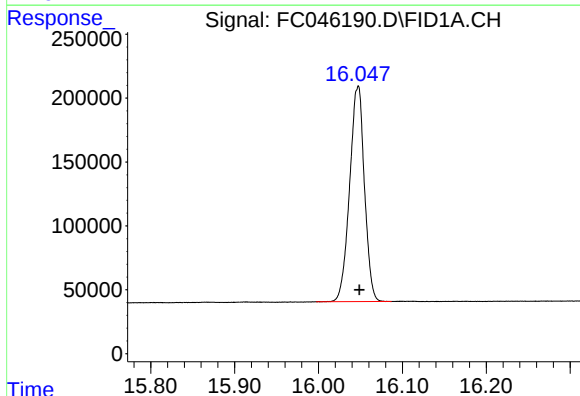
#13 n-Docosane (C22)

R.T.: 13.931 min  
Delta R.T.: -0.004 min  
Response: 2150997  
Conc: 20.24 ug/ml



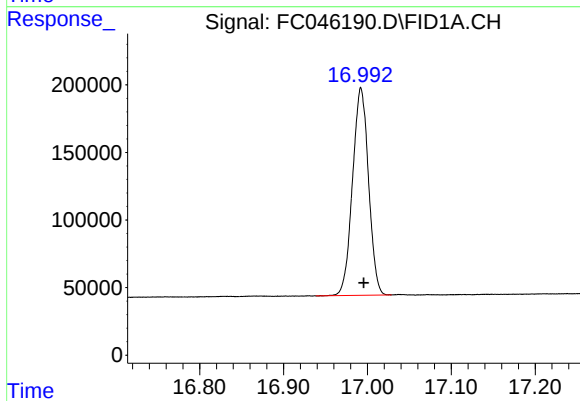
#14 n-Tetracosane (C24)

R.T.: 15.029 min  
Delta R.T.: -0.003 min  
Response: 2110380  
Conc: 19.72 ug/ml



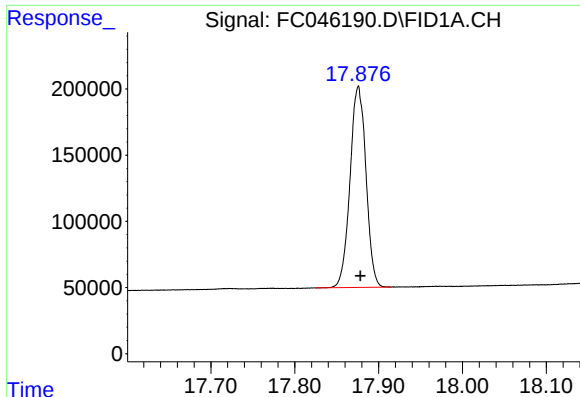
#15 n-Hexacosane (C26)

R.T.: 16.047 min  
Delta R.T.: -0.002 min  
Response: 2065884  
Conc: 19.44 ug/ml



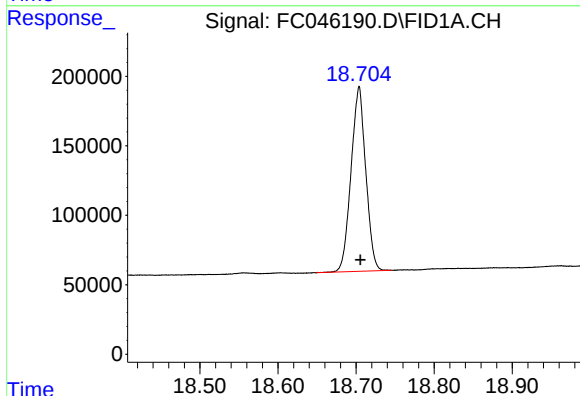
#16 n-Octacosane (C28)

R.T.: 16.992 min  
Delta R.T.: -0.003 min  
Response: 2033664  
Conc: 19.42 ug/ml



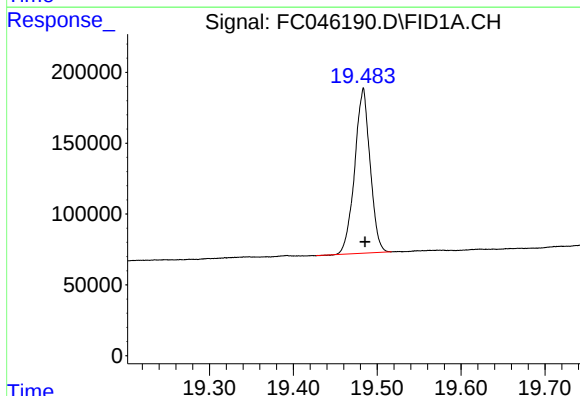
#17 n-Tricontane (C30)

R.T.: 17.876 min  
Delta R.T.: -0.003 min  
Response: 2004131  
Conc: 19.89 ug/ml



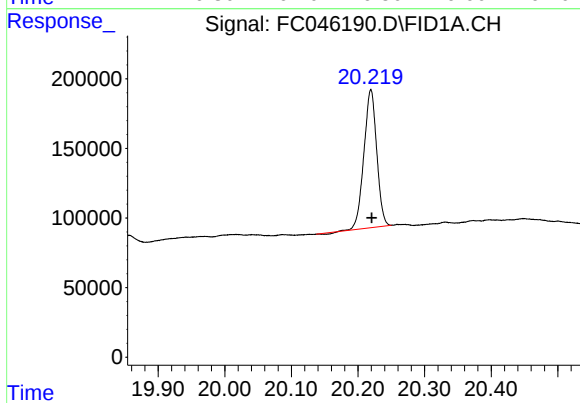
#18 n-Dotriacontane (C32)

R.T.: 18.704 min  
Delta R.T.: -0.002 min  
Response: 1736402  
Conc: 20.29 ug/ml



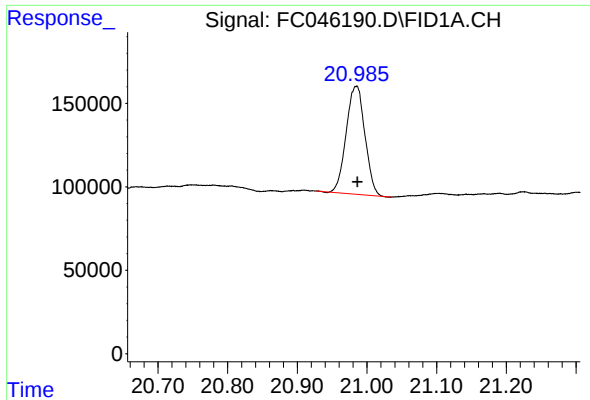
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min  
Delta R.T.: -0.002 min  
Response: 1481290  
Conc: 20.41 ug/ml



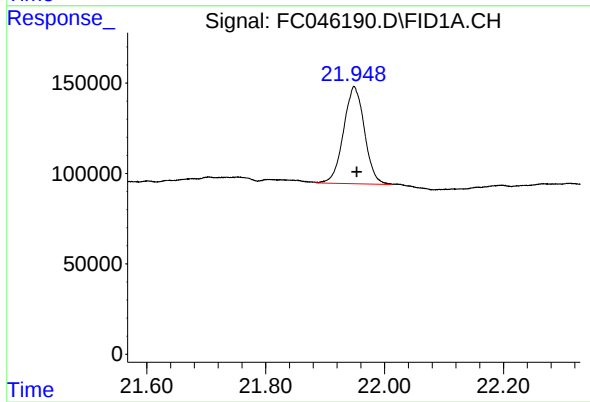
#20 n-Hexatriacontane (C36)

R.T.: 20.219 min  
Delta R.T.: -0.001 min  
Response: 1320291  
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.985 min  
Delta R.T.: -0.001 min  
Response: 1207612  
Conc: 19.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.948 min  
Delta R.T.: -0.005 min  
Response: 1310396  
Conc: 20.84 ug/ml m