

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101520AL\  
 Data File : FD035088.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Oct 2020 4:38  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 16 06:55:30 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 100120.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 02 09:52:32 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)    | 11.562 | 2530087    | 19.786 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.57%       |
| 12) S 1-chlorooctadecane (S... | 12.993 | 1974850    | 19.618 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.24%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.348  | 2263226    | 20.154 ug/ml |
| 2) T n-Decane (C10)            | 4.412  | 2284329    | 20.272 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.993  | 2509153    | 20.256 ug/ml |
| 4) T n-Dodecane (C12)          | 6.424  | 2341109    | 20.360 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.047  | 2545417    | 20.205 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.214  | 2351101    | 20.434 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.809  | 2317575    | 20.327 ug/ml |
| 8) T n-Octadecane (C18)        | 11.246 | 2405924    | 20.217 ug/ml |
| 10) T n-Eicosane (C20)         | 12.550 | 2396167    | 19.873 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.159 | 2367895    | 19.648 ug/ml |
| 13) T n-Docosane (C22)         | 13.744 | 2344590    | 19.484 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.842 | 2283509    | 18.973 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.858 | 2187772    | 18.471 ug/ml |
| 16) T n-Octacosane (C28)       | 16.804 | 2121598    | 18.127 ug/ml |
| 17) T n-Tricontane (C30)       | 17.686 | 2032576    | 17.987 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.514 | 1872414    | 17.861 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.294 | 1756575    | 18.382 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.029 | 1648143    | 19.210 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.754 | 1586642    | 19.757 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.642 | 1650711    | 18.804 ug/ml |
| -----                          |        |            |              |

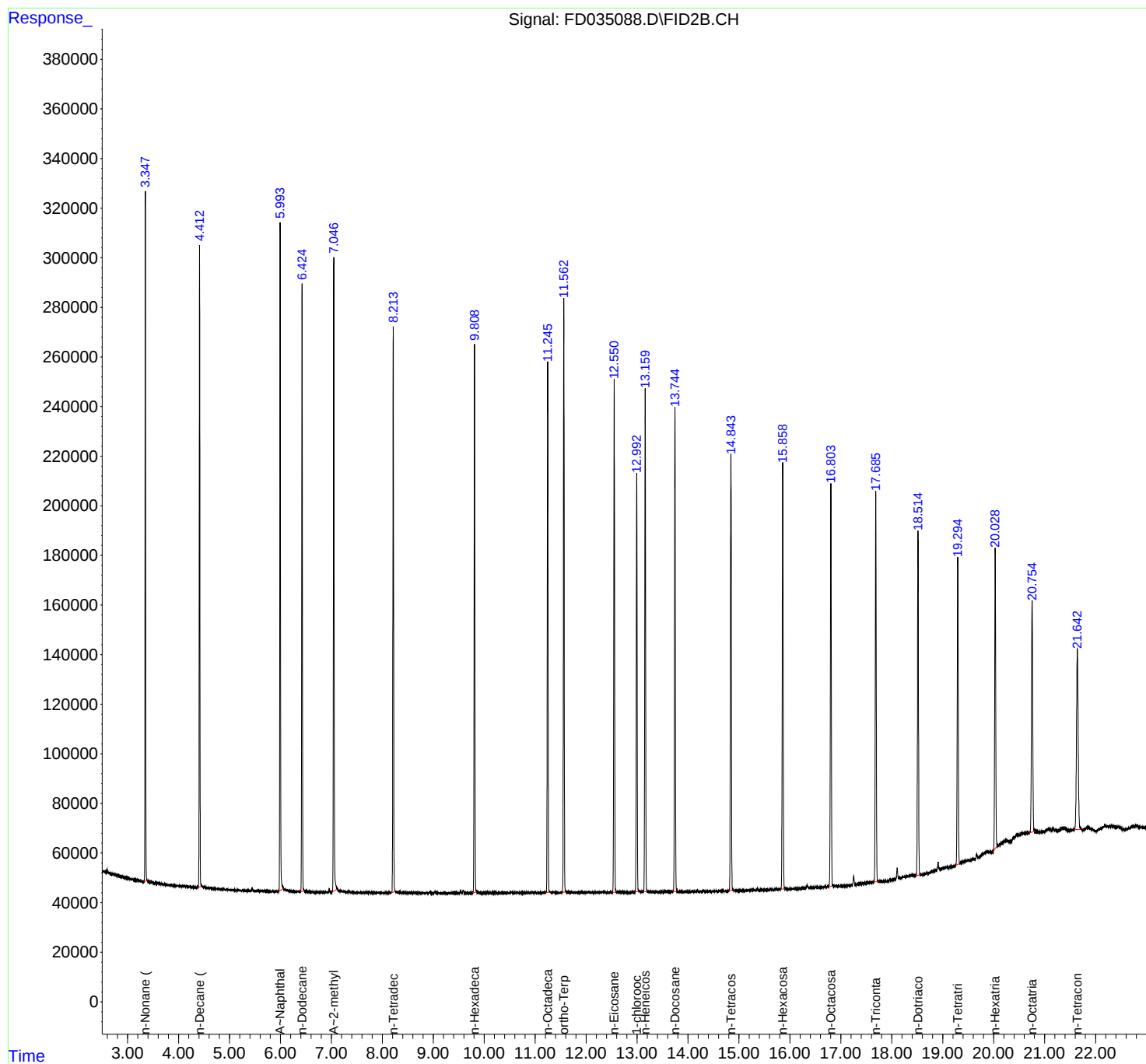
(f)=RT Delta > 1/2 Window

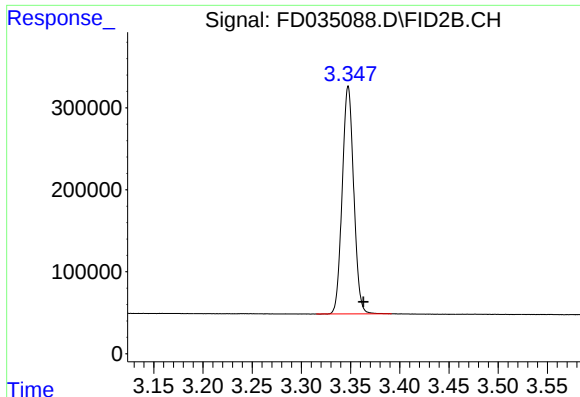
(m)=manual int.

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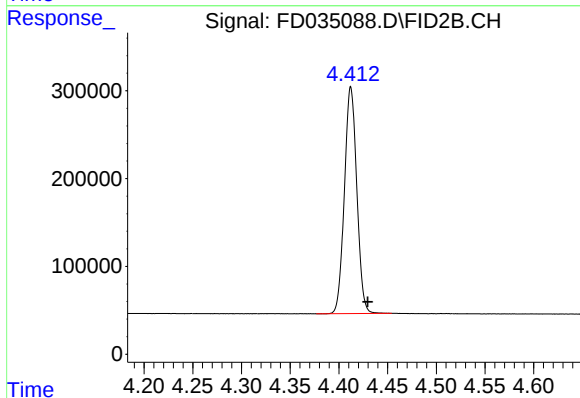
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





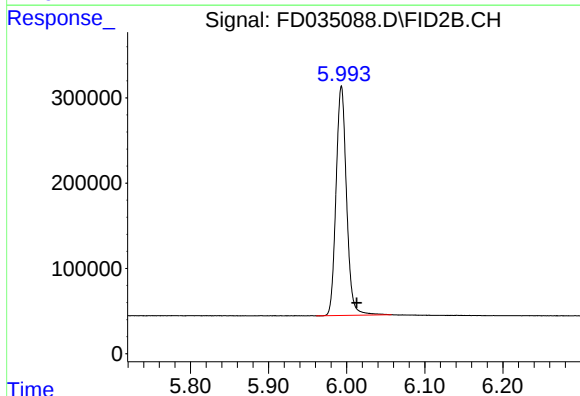
#1 n-Nonane (C9)

R.T.: 3.348 min  
Delta R.T.: -0.015 min  
Response: 2263226  
Conc: 20.15 ug/ml



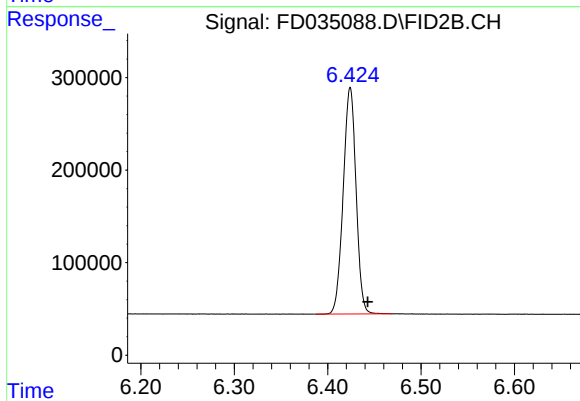
#2 n-Decane (C10)

R.T.: 4.412 min  
Delta R.T.: -0.017 min  
Response: 2284329  
Conc: 20.27 ug/ml



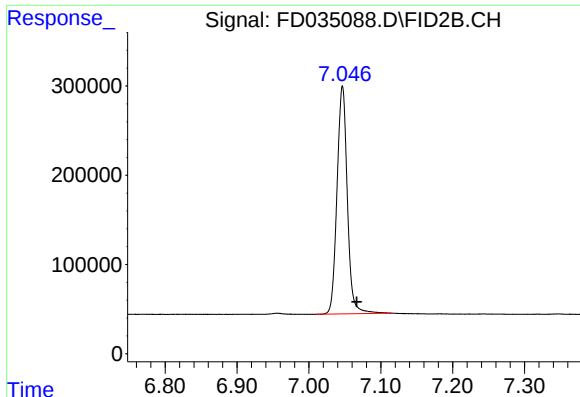
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min  
Delta R.T.: -0.020 min  
Response: 2509153  
Conc: 20.26 ug/ml



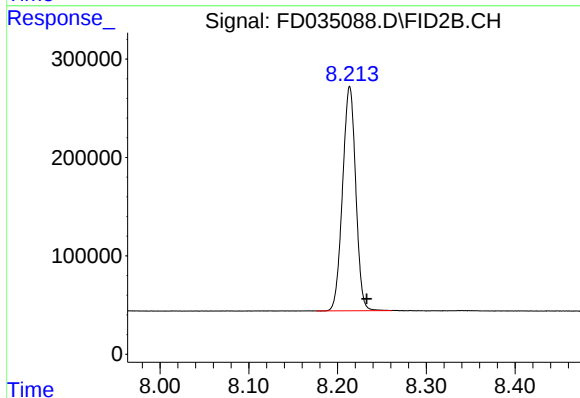
#4 n-Dodecane (C12)

R.T.: 6.424 min  
Delta R.T.: -0.019 min  
Response: 2341109  
Conc: 20.36 ug/ml



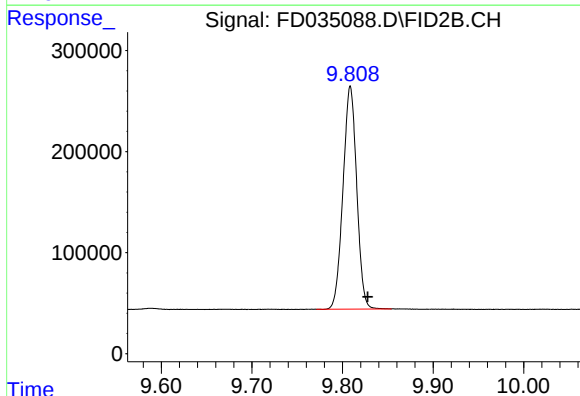
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.047 min  
Delta R.T.: -0.020 min  
Response: 2545417  
Conc: 20.20 ug/ml



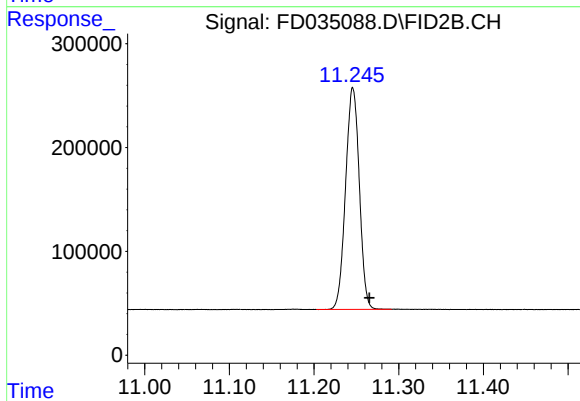
#6 n-Tetradecane (C14)

R.T.: 8.214 min  
Delta R.T.: -0.019 min  
Response: 2351101  
Conc: 20.43 ug/ml



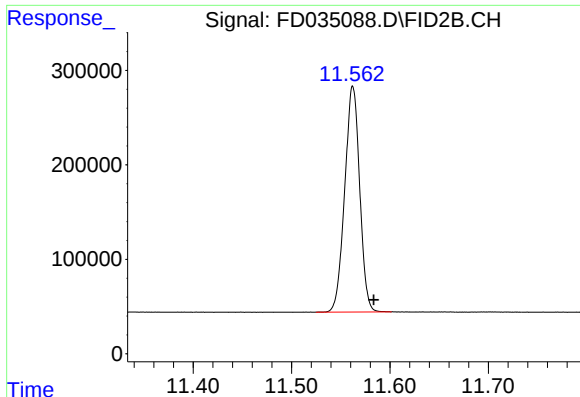
#7 n-Hexadecane (C16)

R.T.: 9.809 min  
Delta R.T.: -0.019 min  
Response: 2317575  
Conc: 20.33 ug/ml



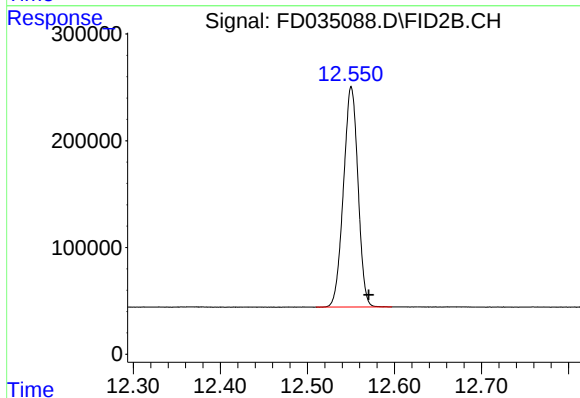
#8 n-Octadecane (C18)

R.T.: 11.246 min  
Delta R.T.: -0.019 min  
Response: 2405924  
Conc: 20.22 ug/ml



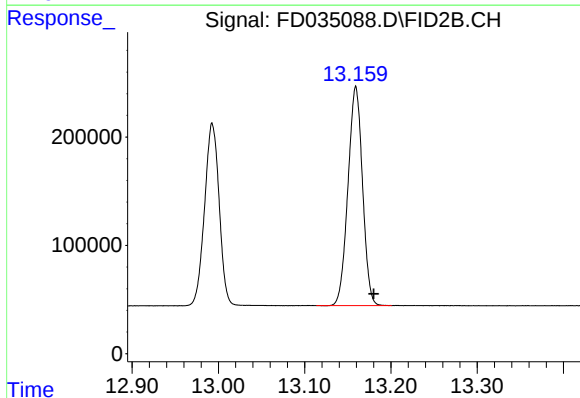
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min  
Delta R.T.: -0.021 min  
Response: 2530087  
Conc: 19.79 ug/ml



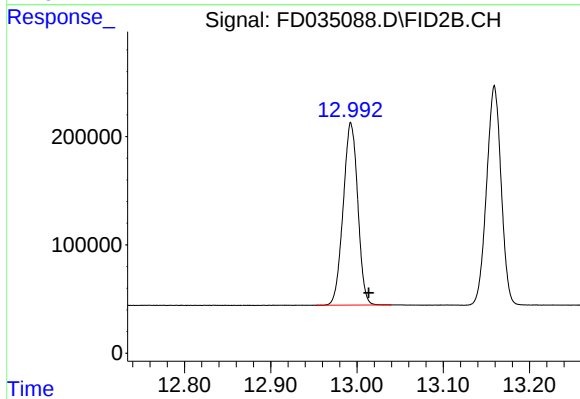
#10 n-Eicosane (C20)

R.T.: 12.550 min  
Delta R.T.: -0.020 min  
Response: 2396167  
Conc: 19.87 ug/ml



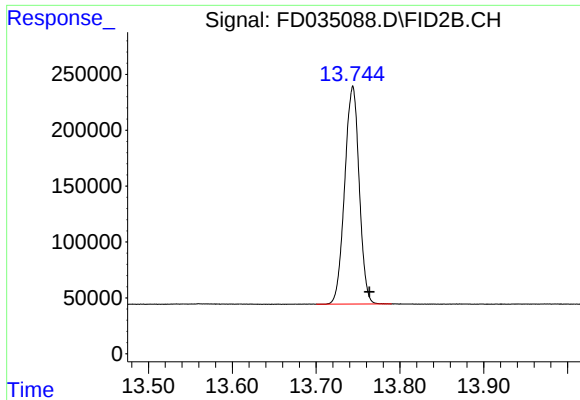
#11 n-Heneicosane (C21)

R.T.: 13.159 min  
Delta R.T.: -0.021 min  
Response: 2367895  
Conc: 19.65 ug/ml



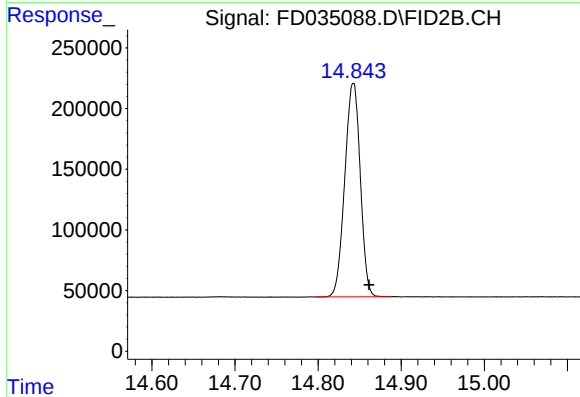
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min  
Delta R.T.: -0.021 min  
Response: 1974850  
Conc: 19.62 ug/ml



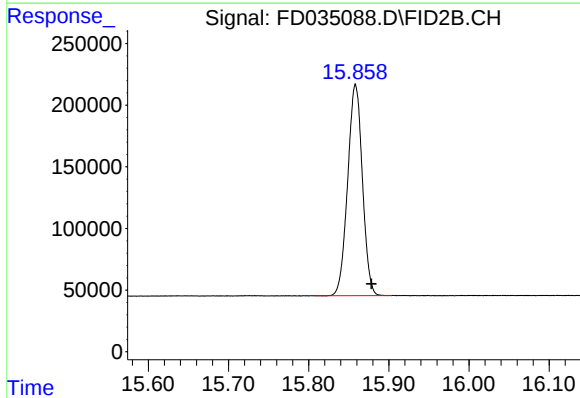
#13 n-Docosane (C22)

R.T.: 13.744 min  
Delta R.T.: -0.020 min  
Response: 2344590  
Conc: 19.48 ug/ml



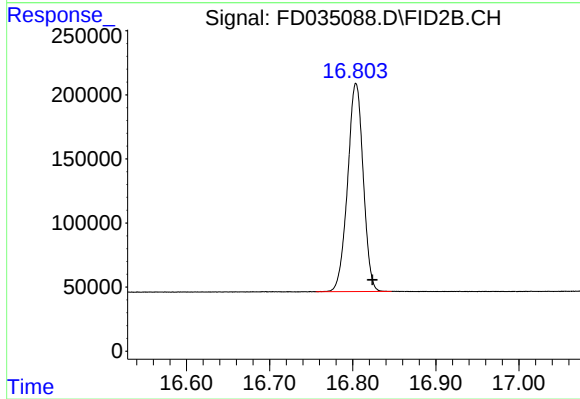
#14 n-Tetracosane (C24)

R.T.: 14.842 min  
Delta R.T.: -0.019 min  
Response: 2283509  
Conc: 18.97 ug/ml



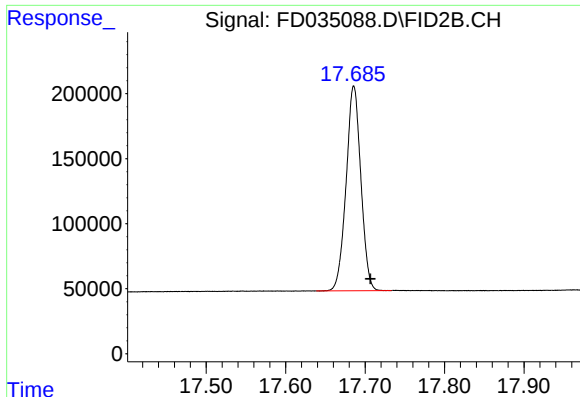
#15 n-Hexacosane (C26)

R.T.: 15.858 min  
Delta R.T.: -0.020 min  
Response: 2187772  
Conc: 18.47 ug/ml



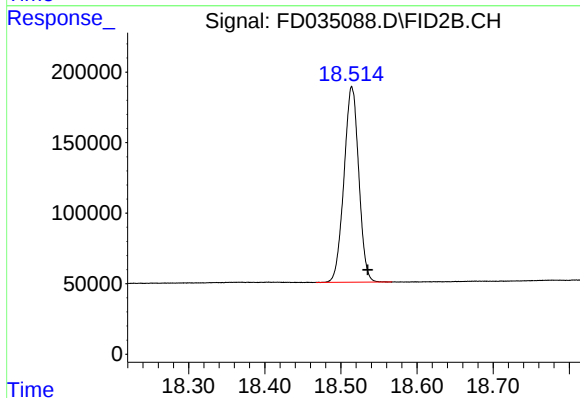
#16 n-Octacosane (C28)

R.T.: 16.804 min  
Delta R.T.: -0.020 min  
Response: 2121598  
Conc: 18.13 ug/ml



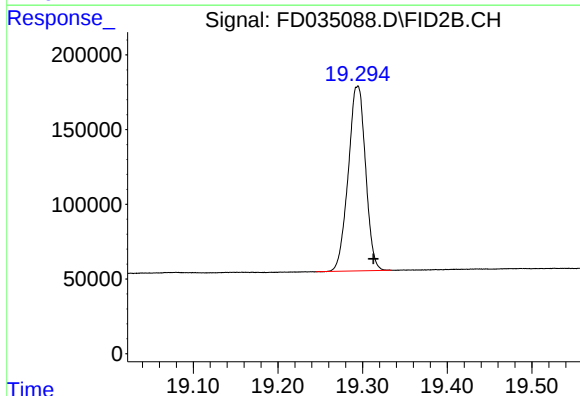
#17 n-Tricontane (C30)

R.T.: 17.686 min  
Delta R.T.: -0.021 min  
Response: 2032576  
Conc: 17.99 ug/ml



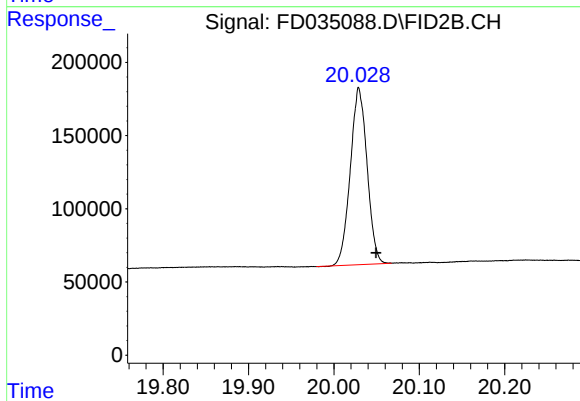
#18 n-Dotriacontane (C32)

R.T.: 18.514 min  
Delta R.T.: -0.021 min  
Response: 1872414  
Conc: 17.86 ug/ml



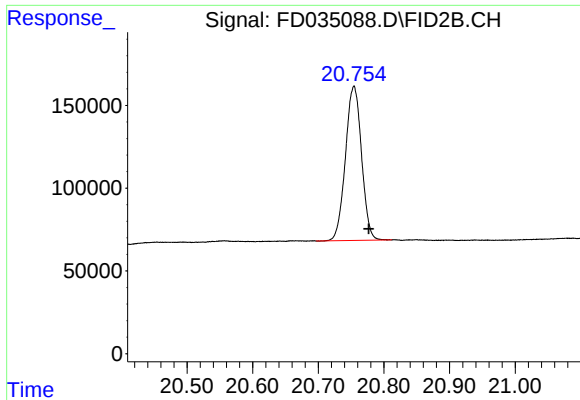
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min  
Delta R.T.: -0.019 min  
Response: 1756575  
Conc: 18.38 ug/ml



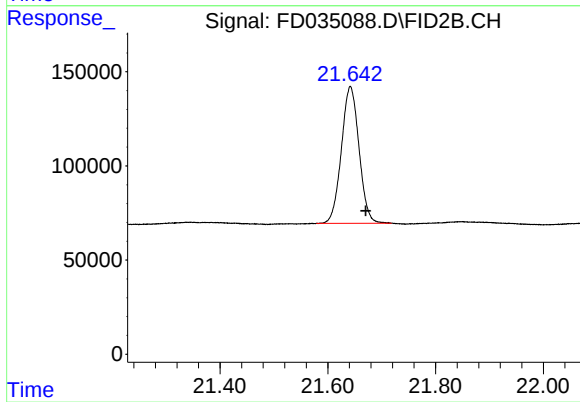
#20 n-Hexatriacontane (C36)

R.T.: 20.029 min  
Delta R.T.: -0.020 min  
Response: 1648143  
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min  
Delta R.T.: -0.023 min  
Response: 1586642  
Conc: 19.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.642 min  
Delta R.T.: -0.029 min  
Response: 1650711  
Conc: 18.80 ug/ml