

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112420AL\  
 Data File : FD035659.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Nov 2020 1:31  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 25 02:49:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 11:48:08 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)    | 11.533 | 2225092    | 17.105 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.21%        |
| 12) S 1-chlorooctadecane (S... | 12.965 | 1738818    | 16.684 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.37%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.316  | 2007739    | 17.830 ug/ml  |
| 2) T n-Decane (C10)            | 4.382  | 2020234    | 17.878 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.967  | 2209333    | 18.066 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.394  | 2069458    | 17.900 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.021  | 2265641    | 18.107 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.183  | 2089847    | 18.147 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.778  | 2069750    | 18.114 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.216 | 2147112    | 17.792 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.520 | 2133536    | 17.398 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.131 | 2103400    | 17.108 ug/ml  |
| 13) T n-Docosane (C22)         | 13.715 | 2076244    | 16.838 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.813 | 2035502    | 16.453 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.831 | 1978434    | 16.073 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.777 | 1966882    | 15.975 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.660 | 1954047    | 16.169 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.487 | 1857601    | 16.521 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.269 | 1799290    | 17.143 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.003 | 1774482    | 18.524 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.726 | 1724232    | 19.411 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.607 | 1944150    | 22.152 ug/mlm |
| -----                          |        |            |               |

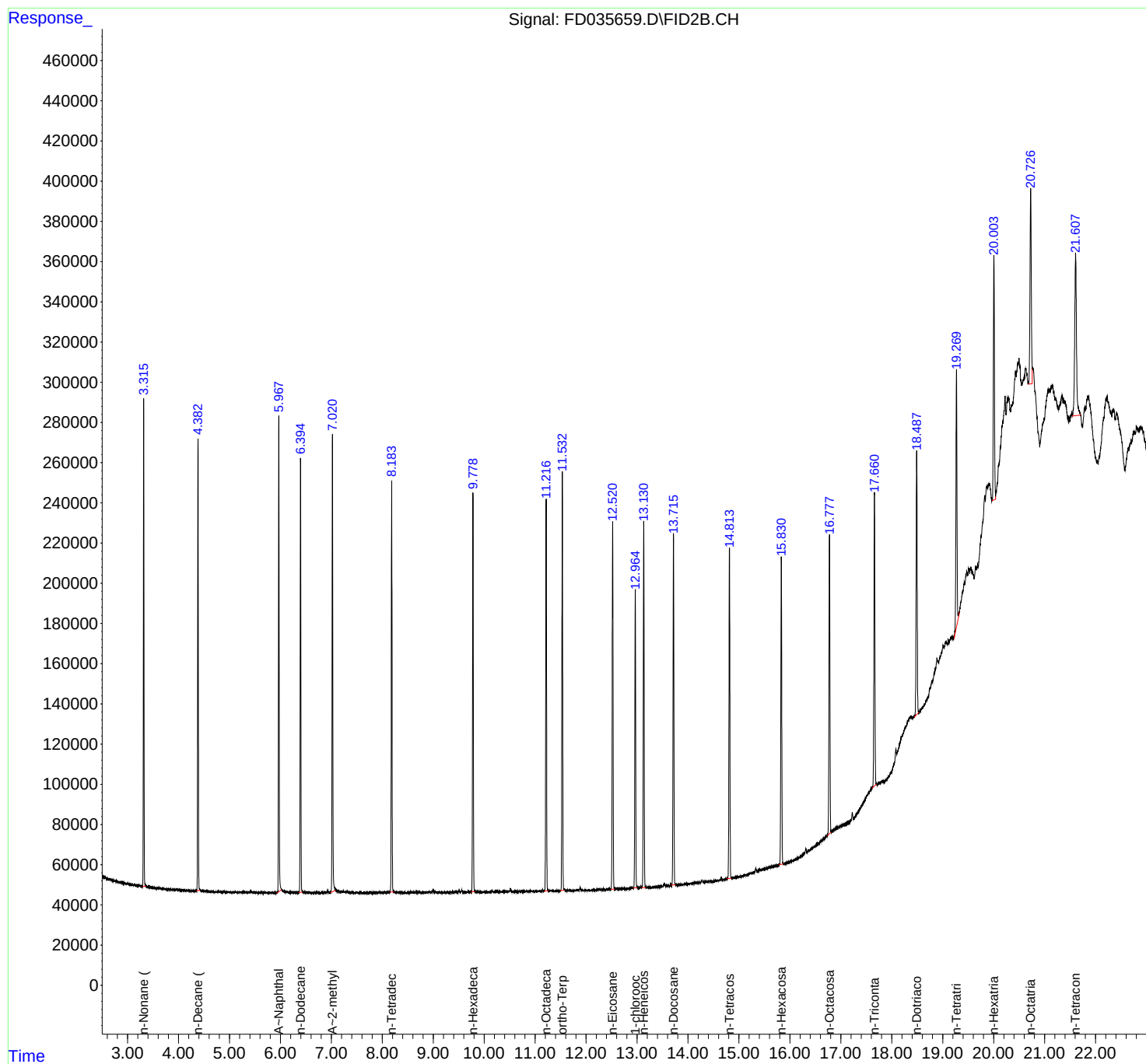
(f)=RT Delta > 1/2 Window

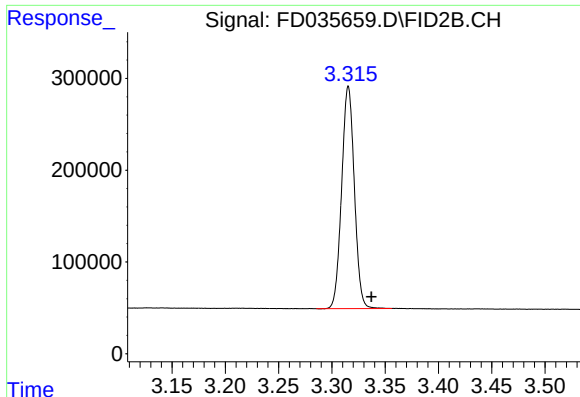
(m)=manual int.

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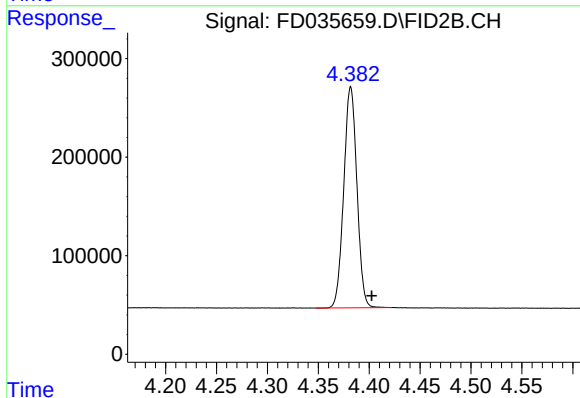
Volume Inj. : 1 u1  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





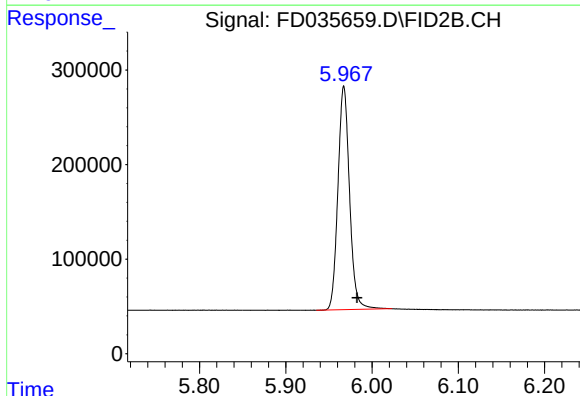
#1 n-Nonane (C9)

R.T.: 3.316 min  
Delta R.T.: -0.022 min  
Response: 2007739  
Conc: 17.83 ug/ml



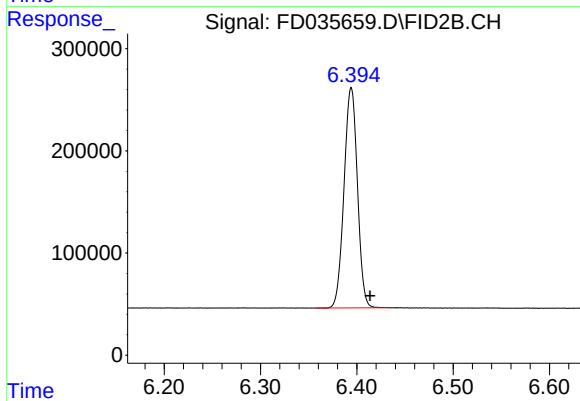
#2 n-Decane (C10)

R.T.: 4.382 min  
Delta R.T.: -0.021 min  
Response: 2020234  
Conc: 17.88 ug/ml



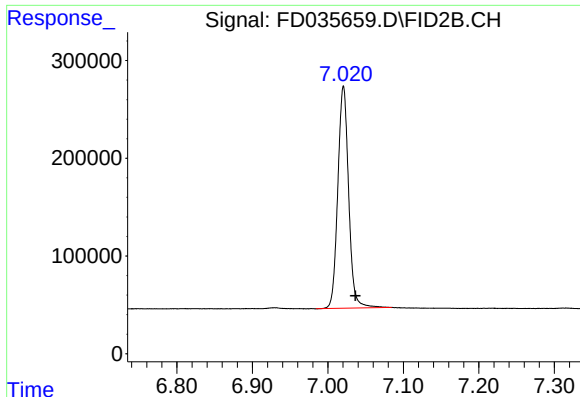
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min  
Delta R.T.: -0.015 min  
Response: 2209333  
Conc: 18.07 ug/ml



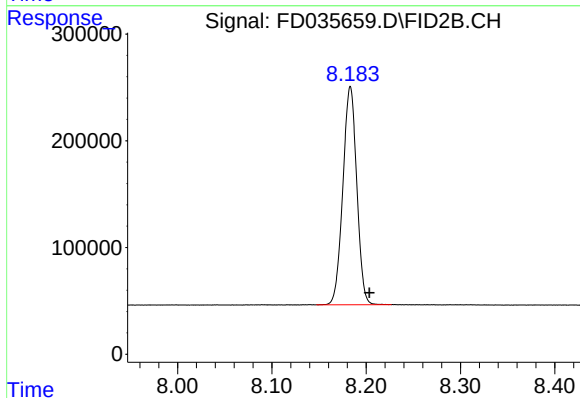
#4 n-Dodecane (C12)

R.T.: 6.394 min  
Delta R.T.: -0.019 min  
Response: 2069458  
Conc: 17.90 ug/ml



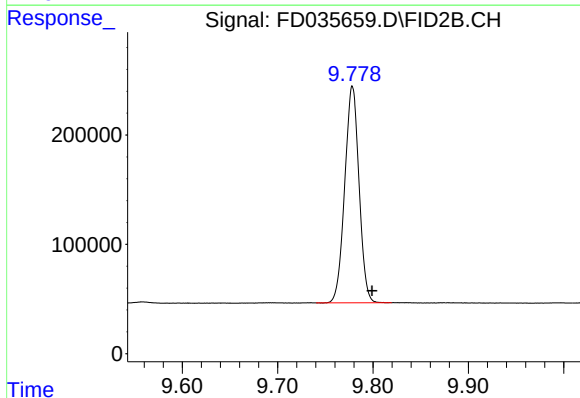
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min  
Delta R.T.: -0.016 min  
Response: 2265641  
Conc: 18.11 ug/ml



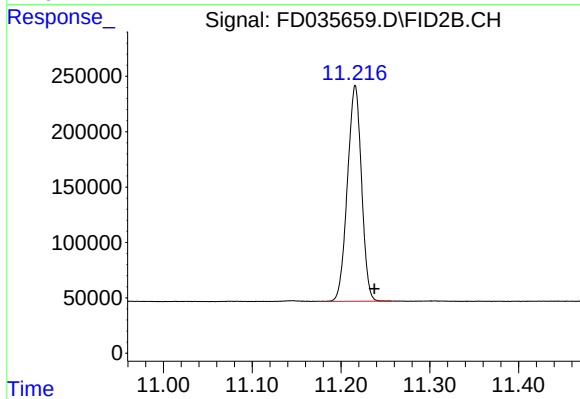
#6 n-Tetradecane (C14)

R.T.: 8.183 min  
Delta R.T.: -0.020 min  
Response: 2089847  
Conc: 18.15 ug/ml



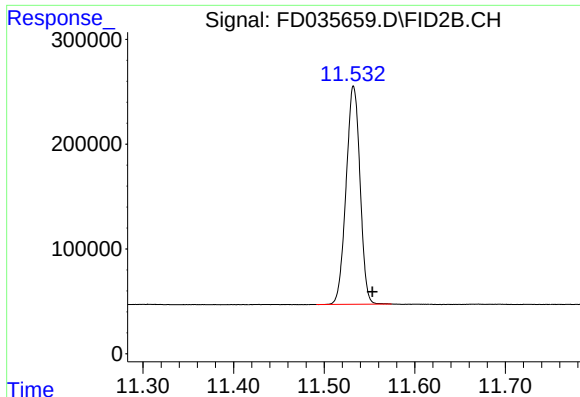
#7 n-Hexadecane (C16)

R.T.: 9.778 min  
Delta R.T.: -0.021 min  
Response: 2069750  
Conc: 18.11 ug/ml



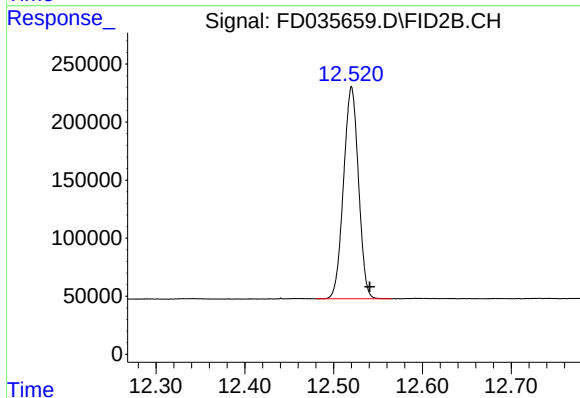
#8 n-Octadecane (C18)

R.T.: 11.216 min  
Delta R.T.: -0.021 min  
Response: 2147112  
Conc: 17.79 ug/ml



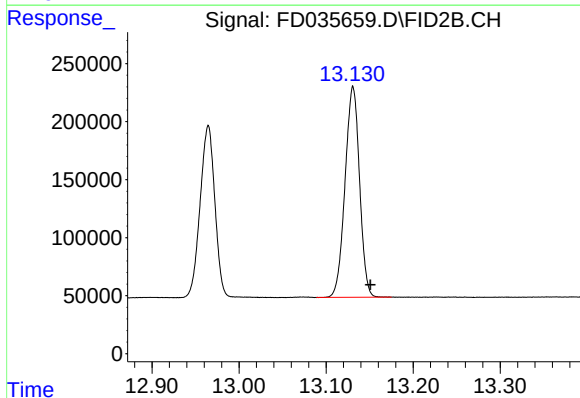
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min  
Delta R.T.: -0.021 min  
Response: 2225092  
Conc: 17.10 ug/ml



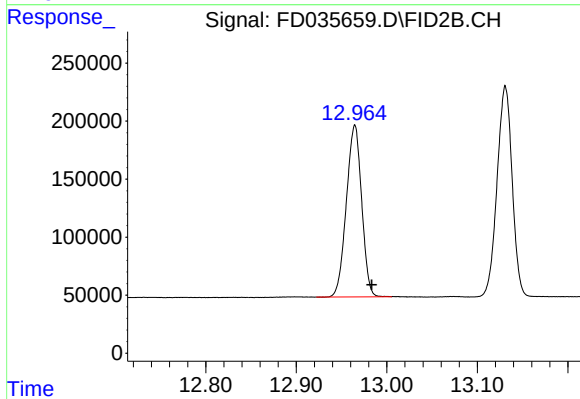
#10 n-Eicosane (C20)

R.T.: 12.520 min  
Delta R.T.: -0.021 min  
Response: 2133536  
Conc: 17.40 ug/ml



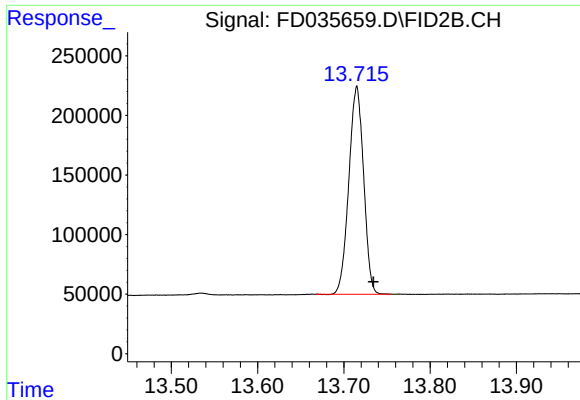
#11 n-Heneicosane (C21)

R.T.: 13.131 min  
Delta R.T.: -0.020 min  
Response: 2103400  
Conc: 17.11 ug/ml



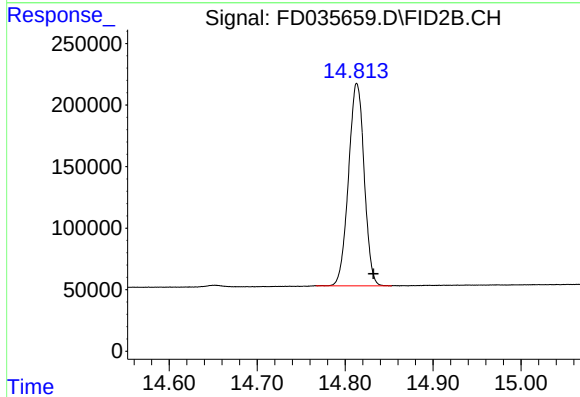
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min  
Delta R.T.: -0.019 min  
Response: 1738818  
Conc: 16.68 ug/ml



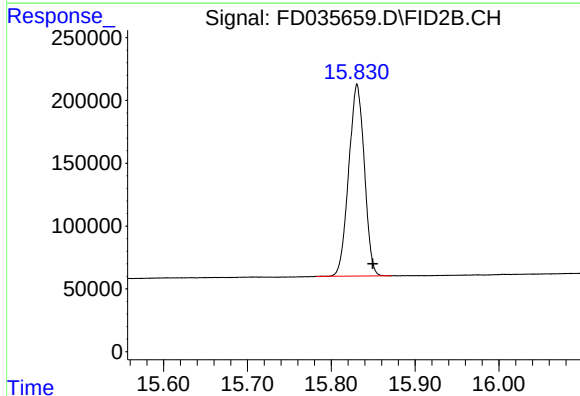
#13 n-Docosane (C22)

R.T.: 13.715 min  
Delta R.T.: -0.019 min  
Response: 2076244  
Conc: 16.84 ug/ml



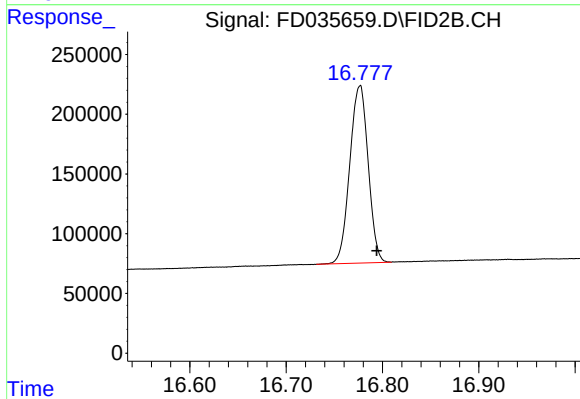
#14 n-Tetracosane (C24)

R.T.: 14.813 min  
Delta R.T.: -0.019 min  
Response: 2035502  
Conc: 16.45 ug/ml



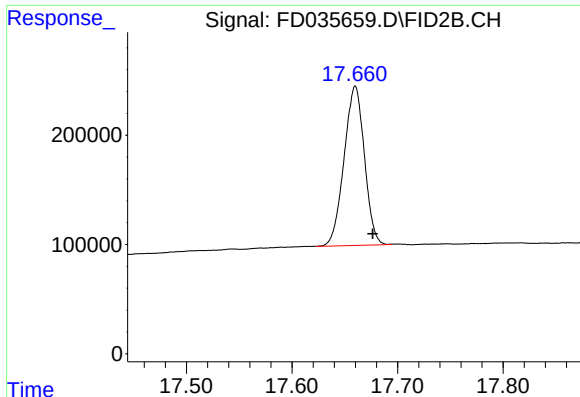
#15 n-Hexacosane (C26)

R.T.: 15.831 min  
Delta R.T.: -0.019 min  
Response: 1978434  
Conc: 16.07 ug/ml



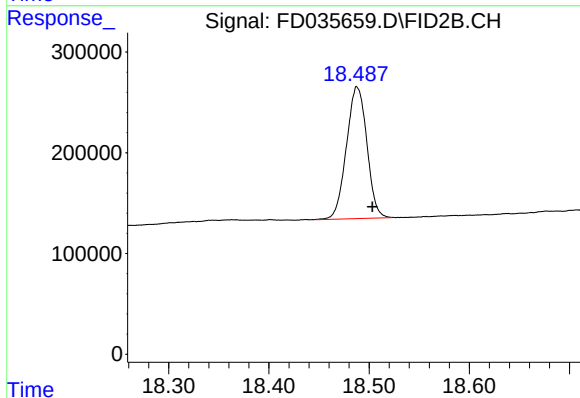
#16 n-Octacosane (C28)

R.T.: 16.777 min  
Delta R.T.: -0.017 min  
Response: 1966882  
Conc: 15.98 ug/ml



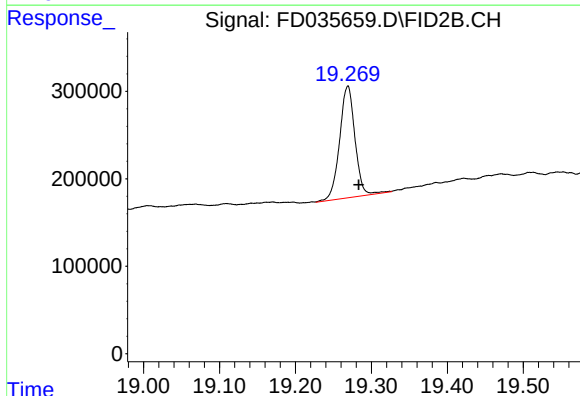
#17 n-Tricontane (C30)

R.T.: 17.660 min  
Delta R.T.: -0.017 min  
Response: 1954047  
Conc: 16.17 ug/ml m



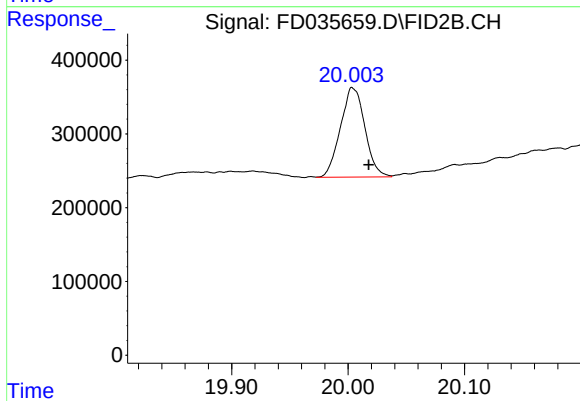
#18 n-Dotriacontane (C32)

R.T.: 18.487 min  
Delta R.T.: -0.016 min  
Response: 1857601  
Conc: 16.52 ug/ml m



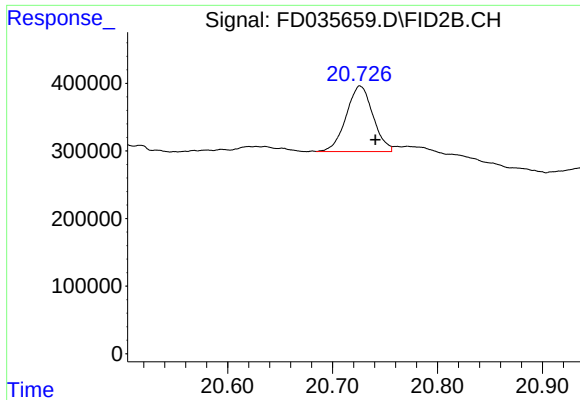
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min  
Delta R.T.: -0.014 min  
Response: 1799290  
Conc: 17.14 ug/ml m



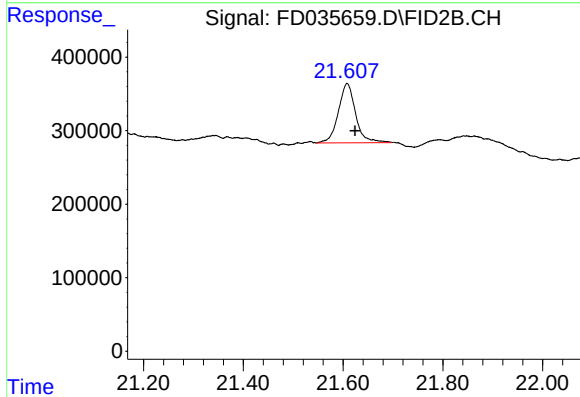
#20 n-Hexatriacontane (C36)

R.T.: 20.003 min  
Delta R.T.: -0.015 min  
Response: 1774482  
Conc: 18.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.726 min  
Delta R.T.: -0.015 min  
Response: 1724232  
Conc: 19.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.607 min  
Delta R.T.: -0.017 min  
Response: 1944150  
Conc: 22.15 ug/ml m