

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052621AL\  
 Data File : FD037609.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 May 2021 5:01  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 27 07:05:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 051321.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 14 02:07:09 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)    | 11.459 | 2372673    | 20.233 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.47%       |
| 12) S 1-chlorooctadecane (S... | 12.895 | 1820980    | 20.040 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.08%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.258  | 2225834    | 22.060 ug/ml |
| 2) T n-Decane (C10)            | 4.321  | 2252577    | 22.202 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.897  | 2501418    | 21.968 ug/ml |
| 4) T n-Dodecane (C12)          | 6.332  | 2281641    | 22.070 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.949  | 2525023    | 21.811 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.120  | 2265599    | 21.738 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.713  | 2199974    | 21.321 ug/ml |
| 8) T n-Octadecane (C18)        | 11.148 | 2249791    | 20.823 ug/ml |
| 10) T n-Eicosane (C20)         | 12.453 | 2225576    | 20.421 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.062 | 2197057    | 20.182 ug/ml |
| 13) T n-Docosane (C22)         | 13.644 | 2210242    | 20.346 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.743 | 2262810    | 20.883 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.760 | 2242601    | 21.054 ug/ml |
| 16) T n-Octacosane (C28)       | 16.705 | 2283190    | 21.550 ug/ml |
| 17) T n-Tricontane (C30)       | 17.589 | 2349005    | 22.312 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.416 | 2347962    | 22.541 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.197 | 2232141    | 21.960 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.933 | 2062535    | 21.145 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.643 | 2054411    | 22.347 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.489 | 2051560    | 21.305 ug/ml |
| -----                          |        |            |              |

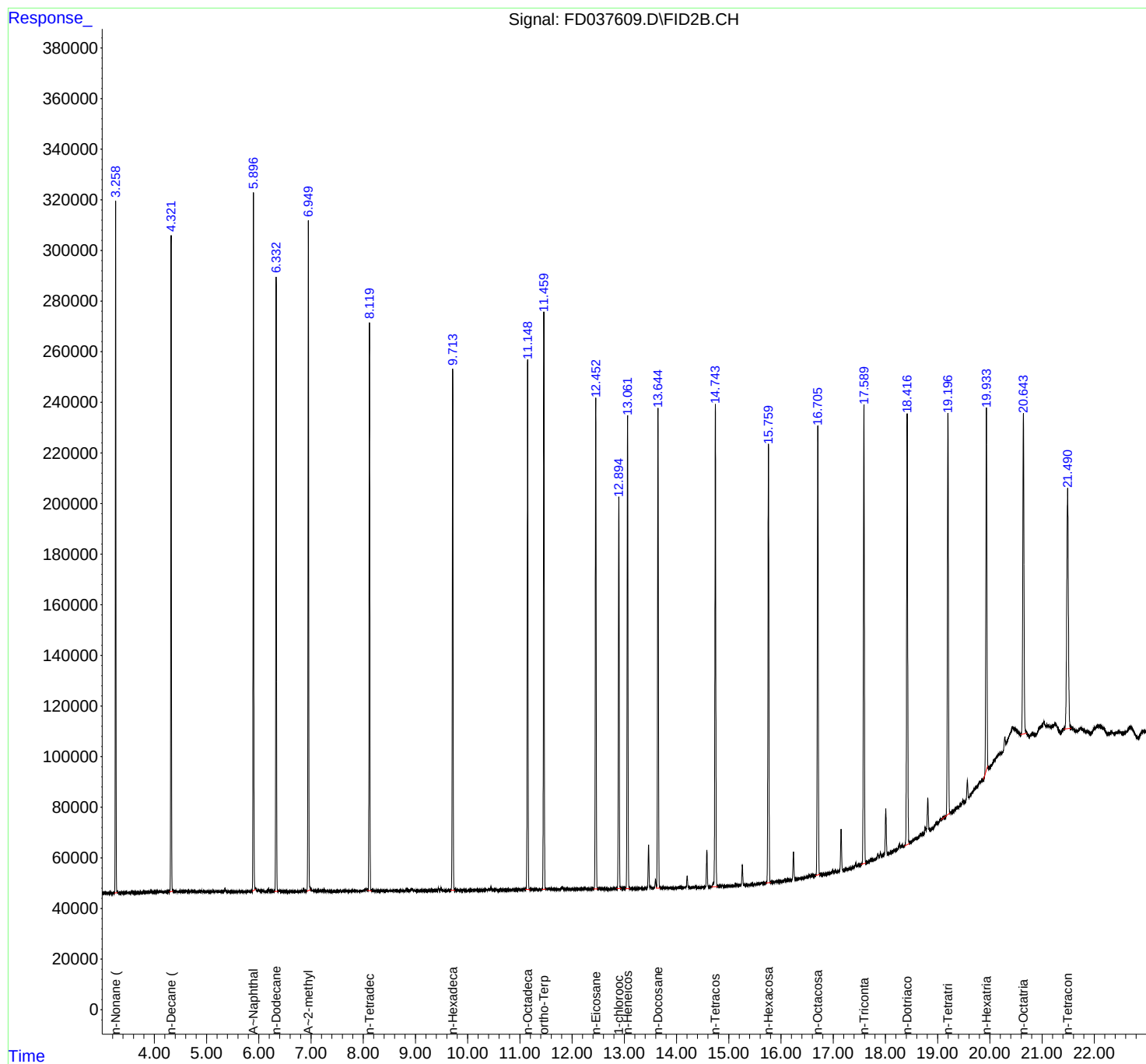
(f)=RT Delta > 1/2 Window

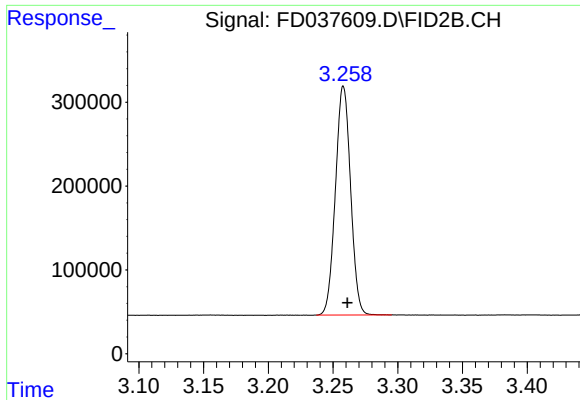
(m)=manual int.

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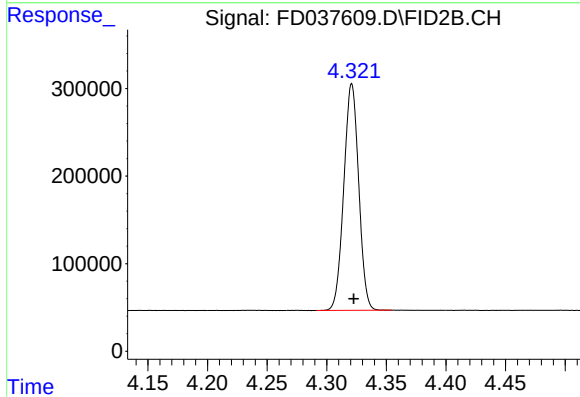
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





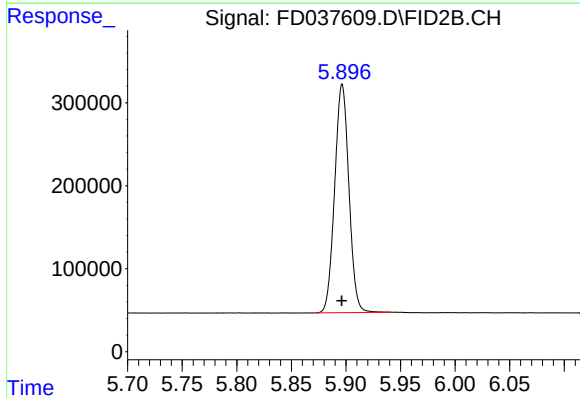
#1 n-Nonane (C9)

R.T.: 3.258 min  
Delta R.T.: -0.003 min  
Response: 2225834  
Conc: 22.06 ug/ml



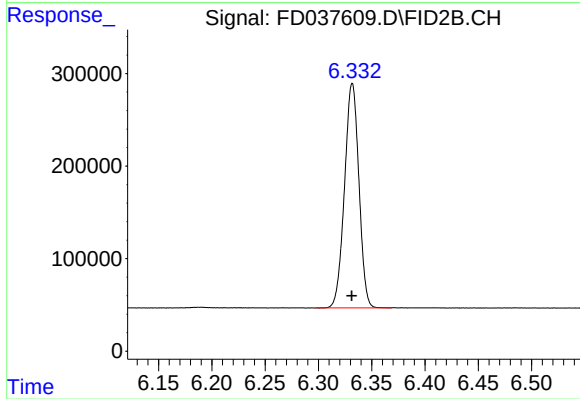
#2 n-Decane (C10)

R.T.: 4.321 min  
Delta R.T.: -0.002 min  
Response: 2252577  
Conc: 22.20 ug/ml



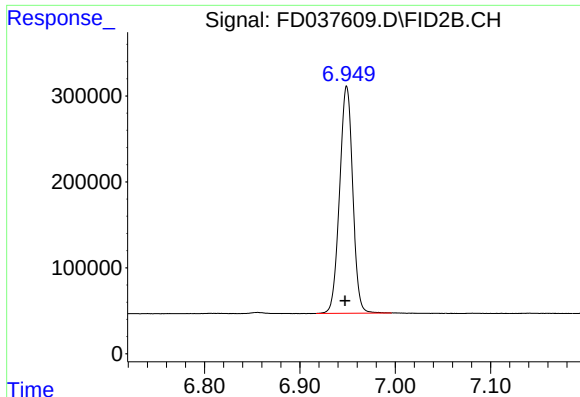
#3 A~Naphthalene (C11.7)

R.T.: 5.897 min  
Delta R.T.: 0.000 min  
Response: 2501418  
Conc: 21.97 ug/ml



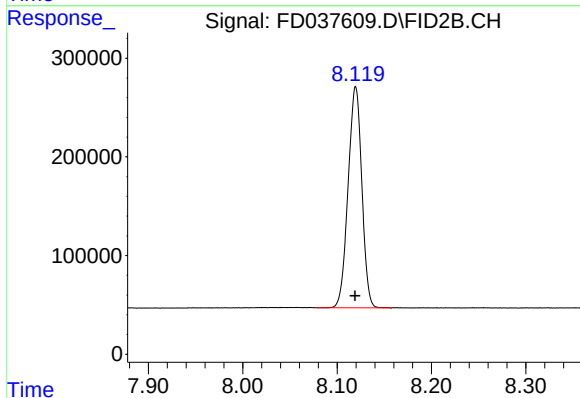
#4 n-Dodecane (C12)

R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 2281641  
Conc: 22.07 ug/ml



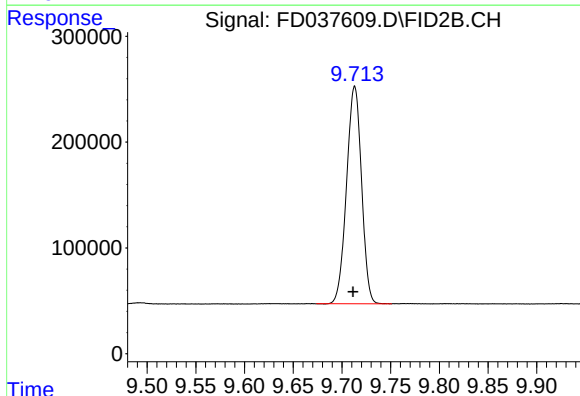
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.949 min  
Delta R.T.: 0.002 min  
Response: 2525023  
Conc: 21.81 ug/ml



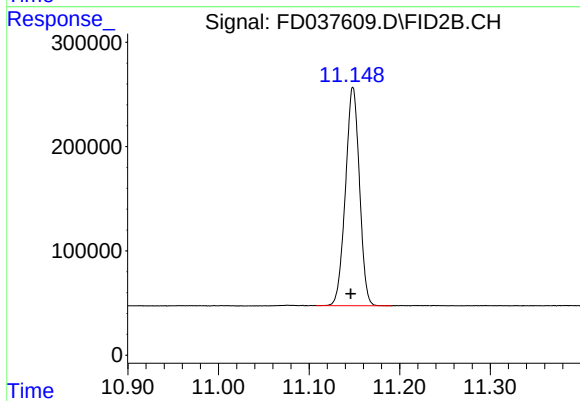
#6 n-Tetradecane (C14)

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 2265599  
Conc: 21.74 ug/ml



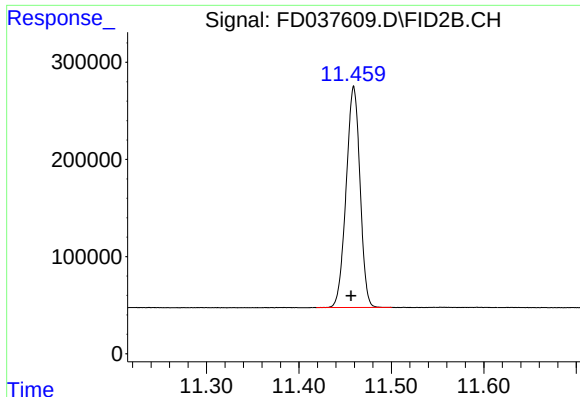
#7 n-Hexadecane (C16)

R.T.: 9.713 min  
Delta R.T.: 0.002 min  
Response: 2199974  
Conc: 21.32 ug/ml



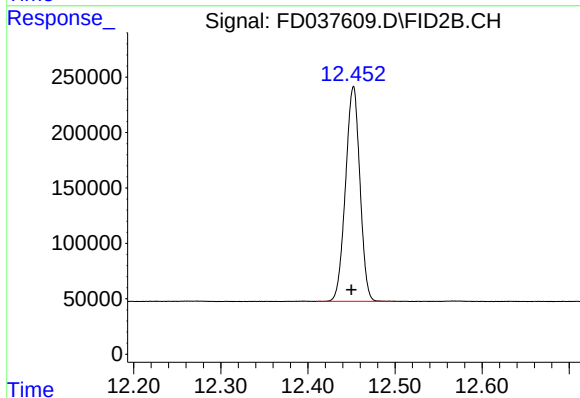
#8 n-Octadecane (C18)

R.T.: 11.148 min  
Delta R.T.: 0.002 min  
Response: 2249791  
Conc: 20.82 ug/ml



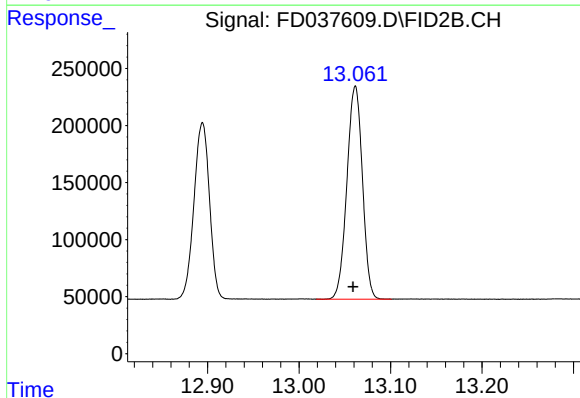
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min  
Delta R.T.: 0.003 min  
Response: 2372673  
Conc: 20.23 ug/ml



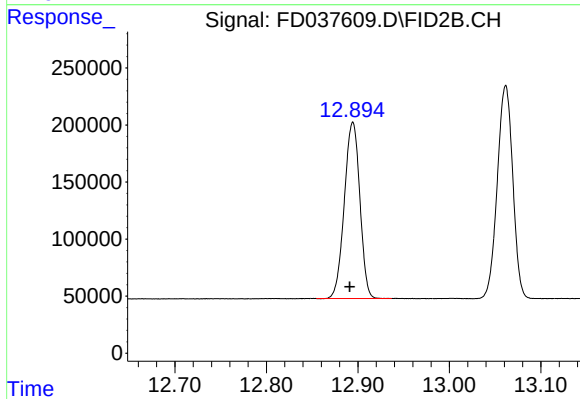
#10 n-Eicosane (C20)

R.T.: 12.453 min  
Delta R.T.: 0.003 min  
Response: 2225576  
Conc: 20.42 ug/ml



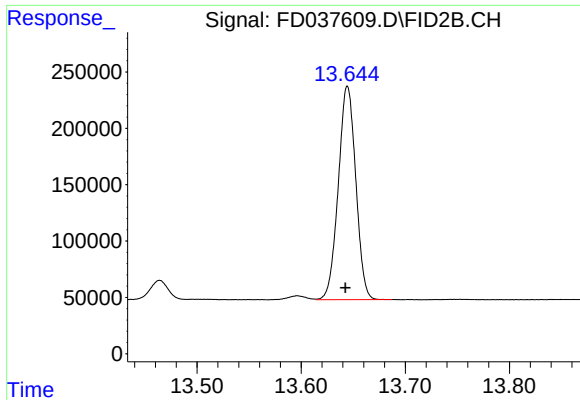
#11 n-Heneicosane (C21)

R.T.: 13.062 min  
Delta R.T.: 0.003 min  
Response: 2197057  
Conc: 20.18 ug/ml



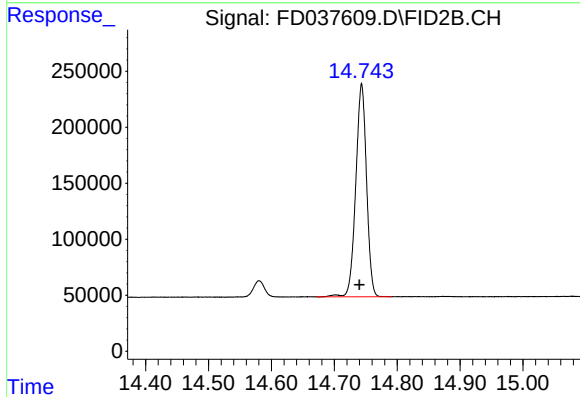
#12 1-chlorooctadecane (SURR)

R.T.: 12.895 min  
Delta R.T.: 0.003 min  
Response: 1820980  
Conc: 20.04 ug/ml



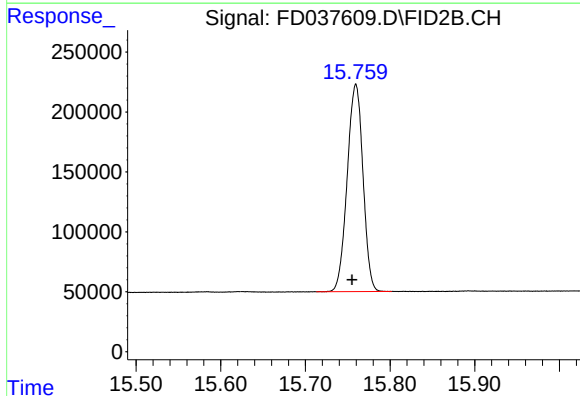
#13 n-Docosane (C22)

R.T.: 13.644 min  
Delta R.T.: 0.002 min  
Response: 2210242  
Conc: 20.35 ug/ml



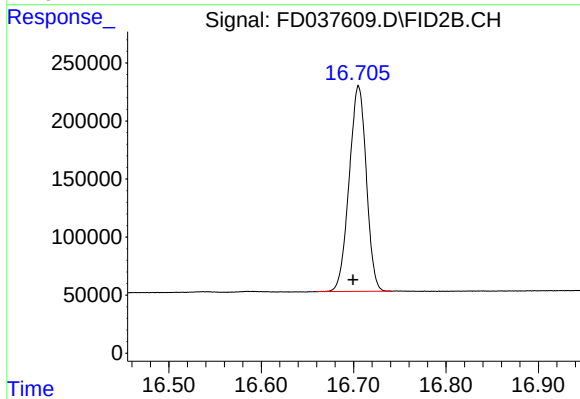
#14 n-Tetracosane (C24)

R.T.: 14.743 min  
Delta R.T.: 0.004 min  
Response: 2262810  
Conc: 20.88 ug/ml



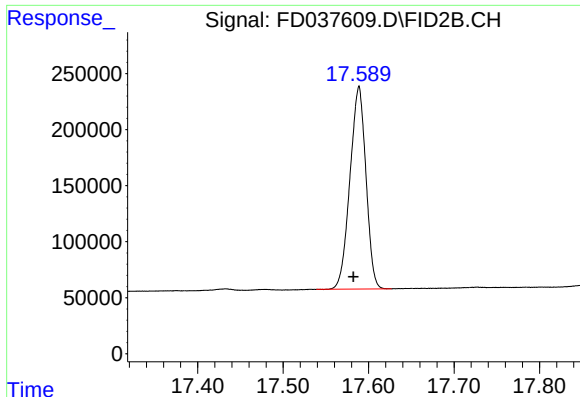
#15 n-Hexacosane (C26)

R.T.: 15.760 min  
Delta R.T.: 0.004 min  
Response: 2242601  
Conc: 21.05 ug/ml



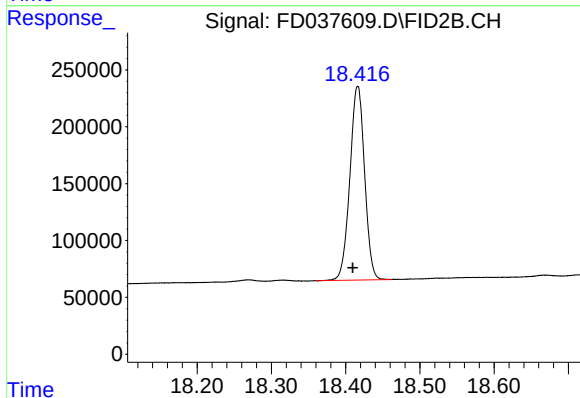
#16 n-Octacosane (C28)

R.T.: 16.705 min  
Delta R.T.: 0.006 min  
Response: 2283190  
Conc: 21.55 ug/ml



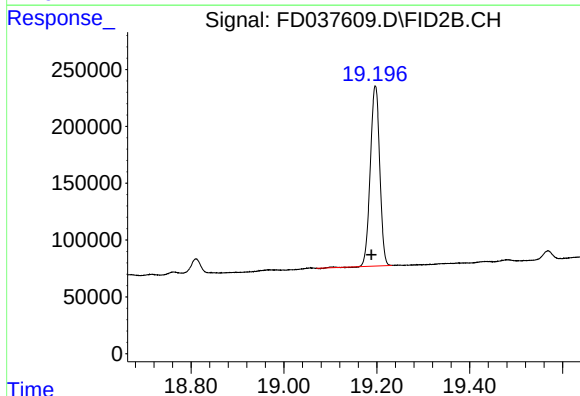
#17 n-Tricontane (C30)

R.T.: 17.589 min  
Delta R.T.: 0.006 min  
Response: 2349005  
Conc: 22.31 ug/ml



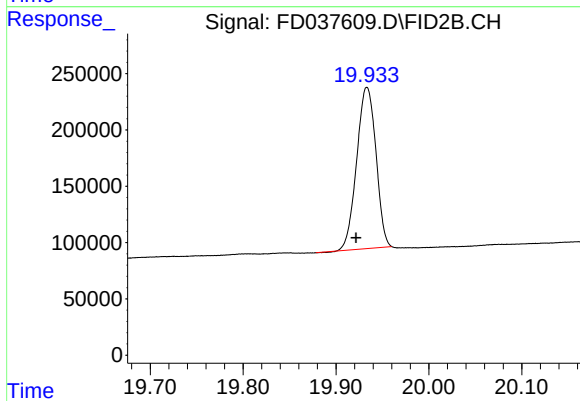
#18 n-Dotriacontane (C32)

R.T.: 18.416 min  
Delta R.T.: 0.007 min  
Response: 2347962  
Conc: 22.54 ug/ml



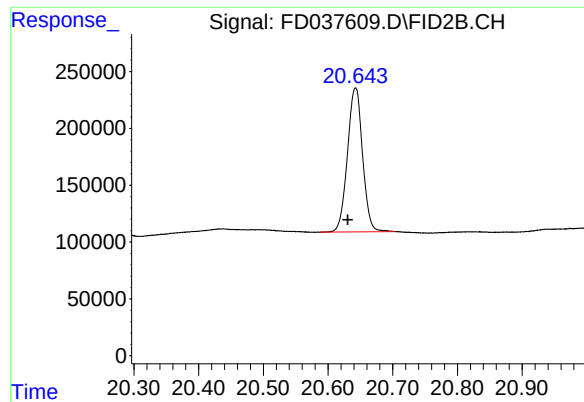
#19 n-Tetratriacontane (C34)

R.T.: 19.197 min  
Delta R.T.: 0.009 min  
Response: 2232141  
Conc: 21.96 ug/ml



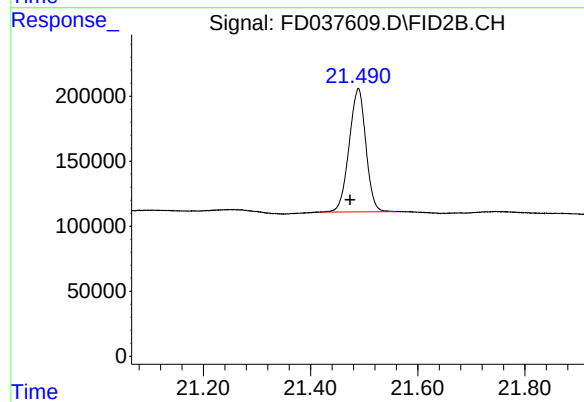
#20 n-Hexatriacontane (C36)

R.T.: 19.933 min  
Delta R.T.: 0.012 min  
Response: 2062535  
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.643 min  
Delta R.T.: 0.012 min  
Response: 2054411  
Conc: 22.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.489 min  
Delta R.T.: 0.016 min  
Response: 2051560  
Conc: 21.31 ug/ml