

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121420AL\  
 Data File : FD035770.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Dec 2020 9:39  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 15 03:07:49 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 112720.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 28 05:38:14 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)    | 11.493 | 2692514    | 19.279 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.56%       |
| 12) S 1-chlorooctadecane (S... | 12.924 | 2132218    | 19.017 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.03%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.294  | 2482839    | 20.740 ug/ml |
| 2) T n-Decane (C10)            | 4.355  | 2525760    | 20.934 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.933  | 2662482    | 20.470 ug/ml |
| 4) T n-Dodecane (C12)          | 6.362  | 2602545    | 20.920 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.984  | 2703812    | 20.346 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.149  | 2605071    | 20.784 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.743  | 2552991    | 20.567 ug/ml |
| 8) T n-Octadecane (C18)        | 11.178 | 2636001    | 20.167 ug/ml |
| 10) T n-Eicosane (C20)         | 12.482 | 2603699    | 19.642 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.091 | 2555245    | 19.320 ug/ml |
| 13) T n-Docosane (C22)         | 13.675 | 2532374    | 19.166 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.772 | 2453062    | 18.689 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.789 | 2367614    | 18.523 ug/ml |
| 16) T n-Octacosane (C28)       | 16.735 | 2311546    | 18.623 ug/ml |
| 17) T n-Tricontane (C30)       | 17.617 | 2293298    | 19.490 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.443 | 2161686    | 20.479 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.223 | 2020479    | 21.095 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.958 | 1901131    | 21.434 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.671 | 1781349    | 21.357 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.535 | 1867585    | 22.183 ug/ml |
| -----                          |        |            |              |

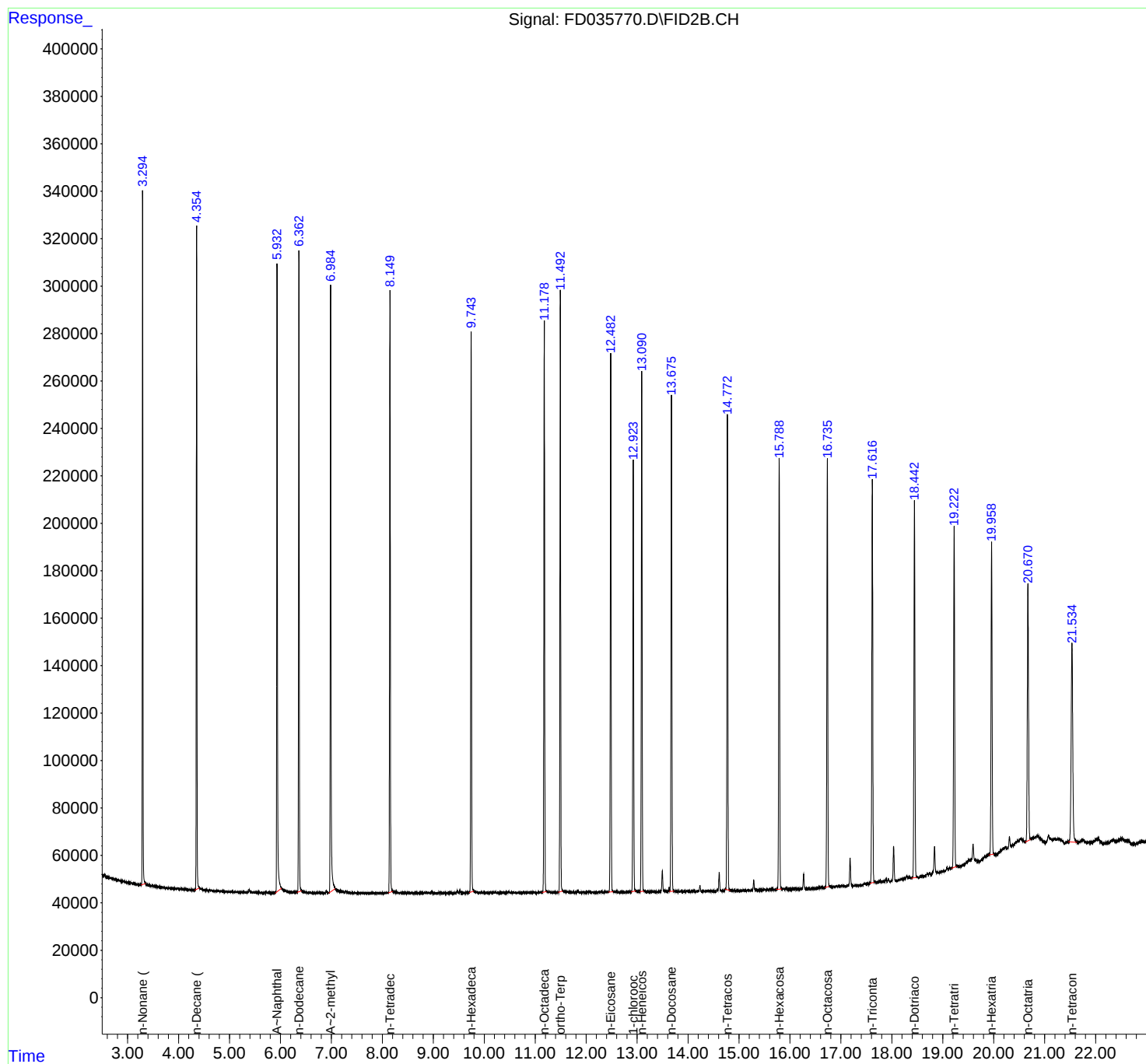
(f)=RT Delta > 1/2 Window

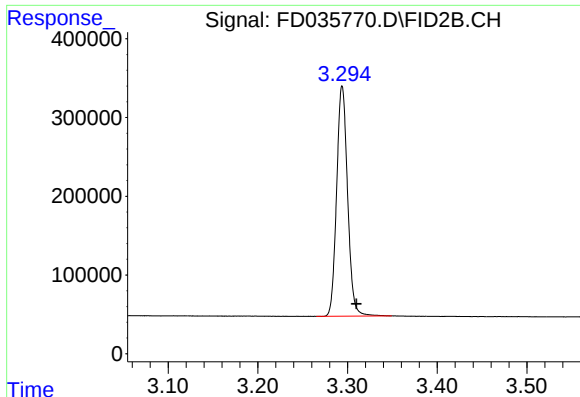
(m)=manual int.

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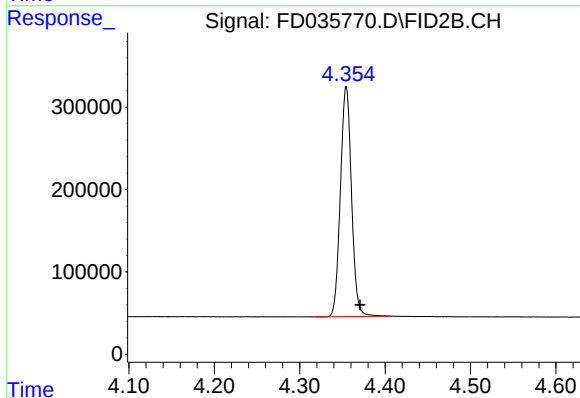
Volume Inj. : 1 u1  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





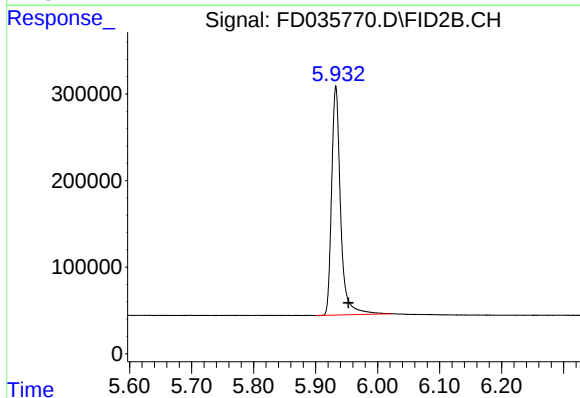
#1 n-Nonane (C9)

R.T.: 3.294 min  
Delta R.T.: -0.016 min  
Response: 2482839  
Conc: 20.74 ug/ml



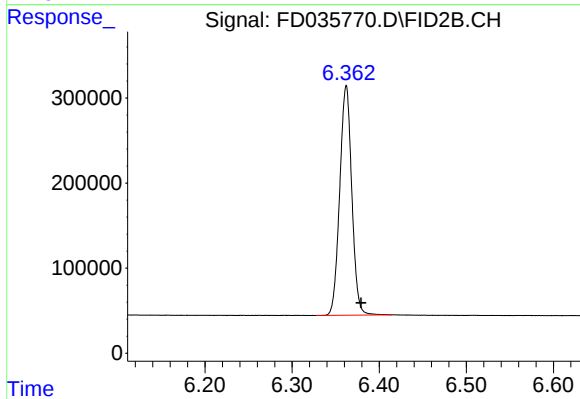
#2 n-Decane (C10)

R.T.: 4.355 min  
Delta R.T.: -0.016 min  
Response: 2525760  
Conc: 20.93 ug/ml



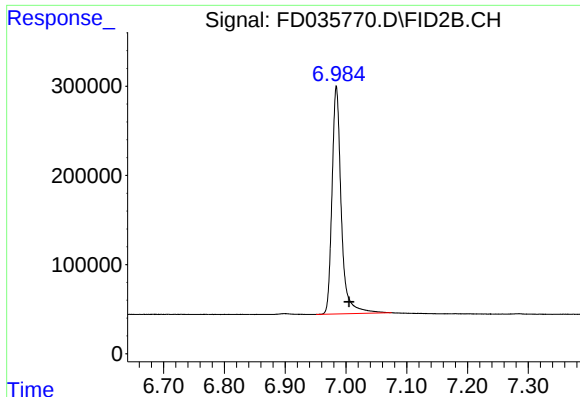
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min  
Delta R.T.: -0.020 min  
Response: 2662482  
Conc: 20.47 ug/ml



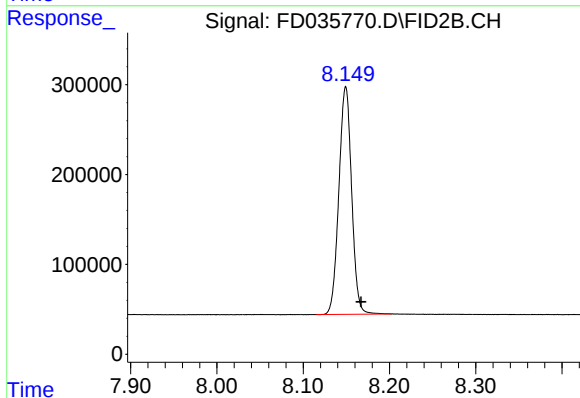
#4 n-Dodecane (C12)

R.T.: 6.362 min  
Delta R.T.: -0.017 min  
Response: 2602545  
Conc: 20.92 ug/ml



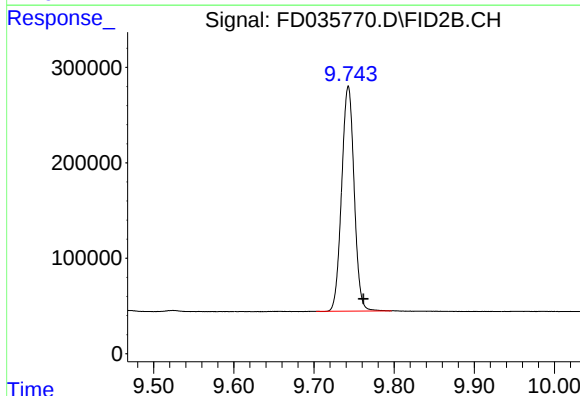
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min  
Delta R.T.: -0.021 min  
Response: 2703812  
Conc: 20.35 ug/ml



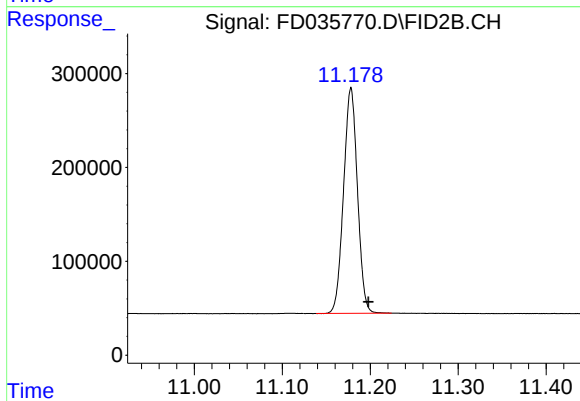
#6 n-Tetradecane (C14)

R.T.: 8.149 min  
Delta R.T.: -0.018 min  
Response: 2605071  
Conc: 20.78 ug/ml



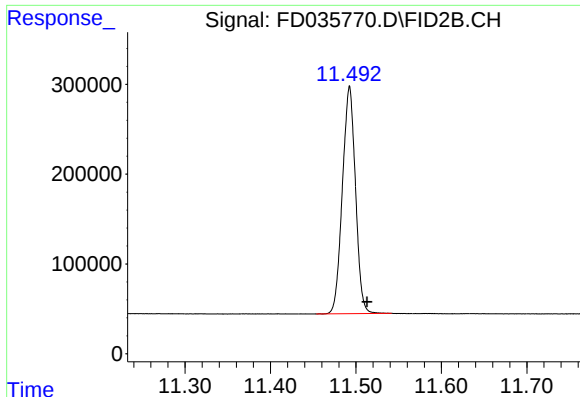
#7 n-Hexadecane (C16)

R.T.: 9.743 min  
Delta R.T.: -0.019 min  
Response: 2552991  
Conc: 20.57 ug/ml



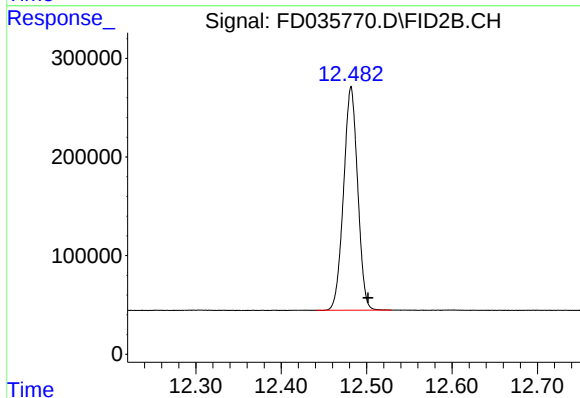
#8 n-Octadecane (C18)

R.T.: 11.178 min  
Delta R.T.: -0.020 min  
Response: 2636001  
Conc: 20.17 ug/ml



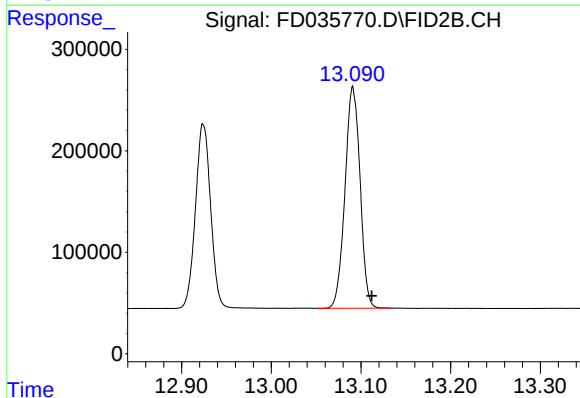
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min  
Delta R.T.: -0.020 min  
Response: 2692514  
Conc: 19.28 ug/ml



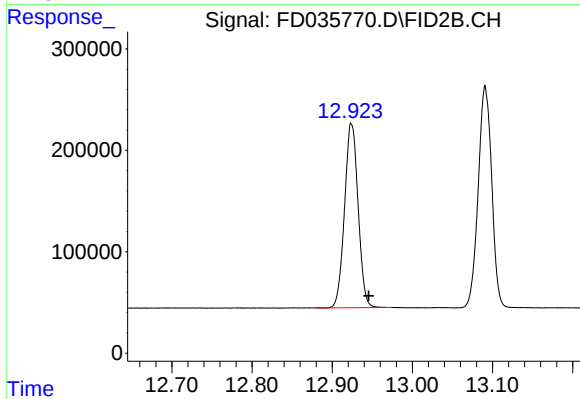
#10 n-Eicosane (C20)

R.T.: 12.482 min  
Delta R.T.: -0.020 min  
Response: 2603699  
Conc: 19.64 ug/ml



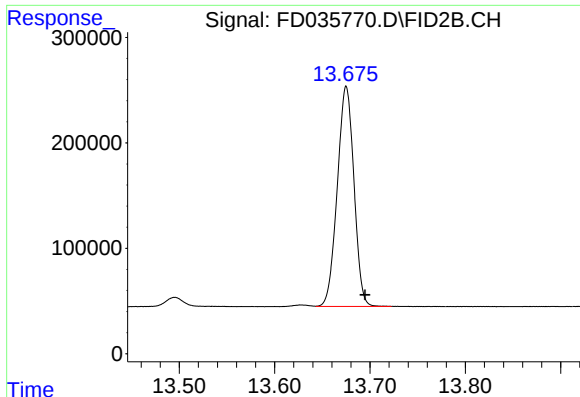
#11 n-Heneicosane (C21)

R.T.: 13.091 min  
Delta R.T.: -0.021 min  
Response: 2555245  
Conc: 19.32 ug/ml



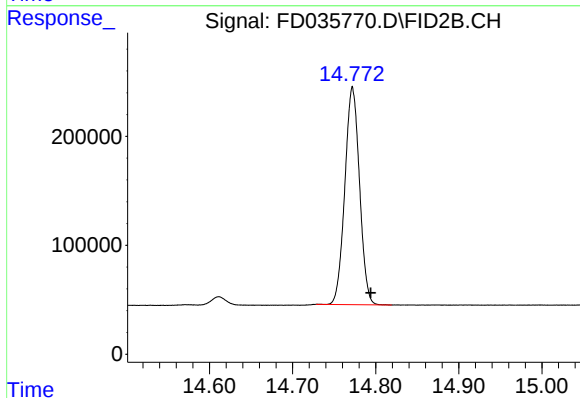
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min  
Delta R.T.: -0.021 min  
Response: 2132218  
Conc: 19.02 ug/ml



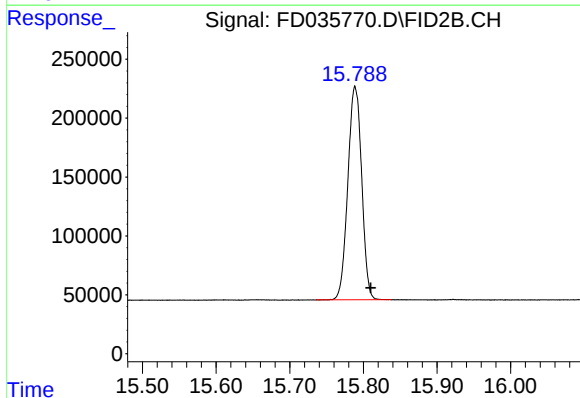
#13 n-Docosane (C22)

R.T.: 13.675 min  
Delta R.T.: -0.020 min  
Response: 2532374  
Conc: 19.17 ug/ml



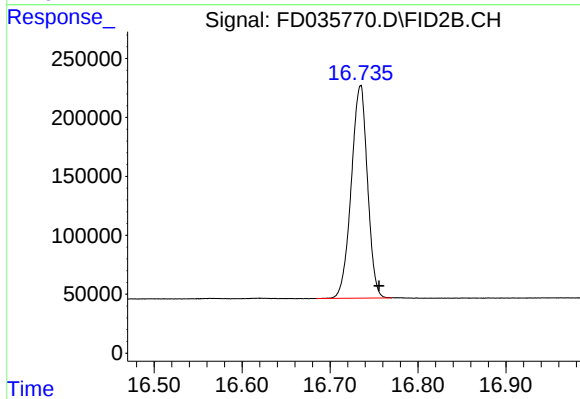
#14 n-Tetracosane (C24)

R.T.: 14.772 min  
Delta R.T.: -0.022 min  
Response: 2453062  
Conc: 18.69 ug/ml



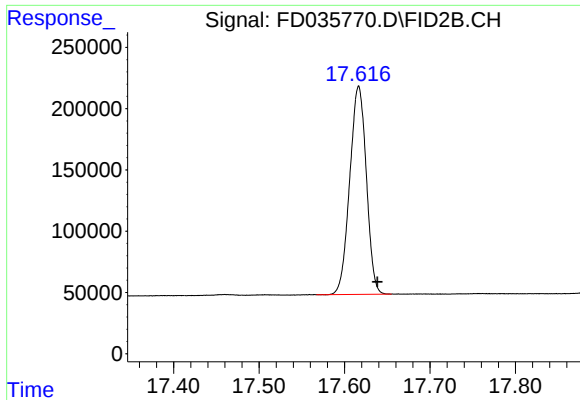
#15 n-Hexacosane (C26)

R.T.: 15.789 min  
Delta R.T.: -0.021 min  
Response: 2367614  
Conc: 18.52 ug/ml



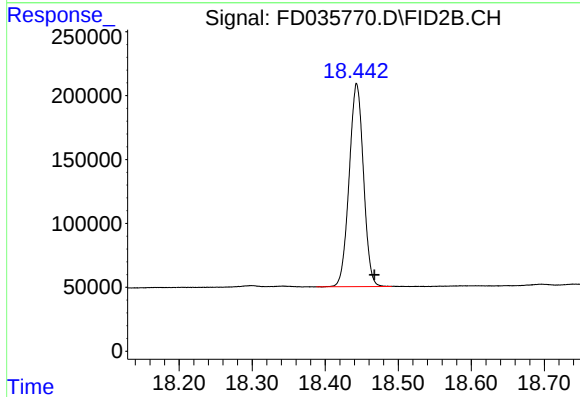
#16 n-Octacosane (C28)

R.T.: 16.735 min  
Delta R.T.: -0.021 min  
Response: 2311546  
Conc: 18.62 ug/ml



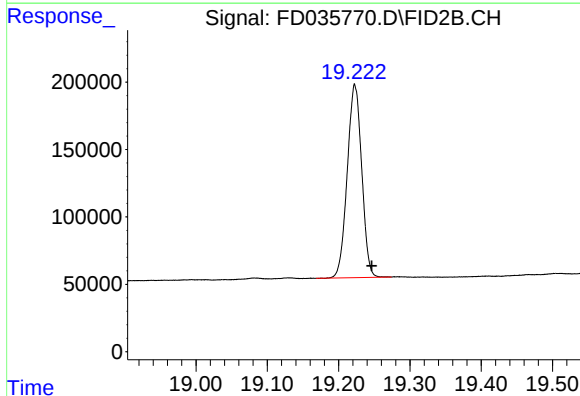
#17 n-Tricontane (C30)

R.T.: 17.617 min  
Delta R.T.: -0.022 min  
Response: 2293298  
Conc: 19.49 ug/ml



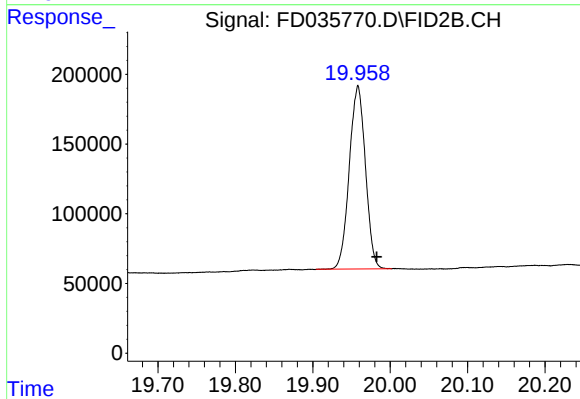
#18 n-Dotriacontane (C32)

R.T.: 18.443 min  
Delta R.T.: -0.024 min  
Response: 2161686  
Conc: 20.48 ug/ml



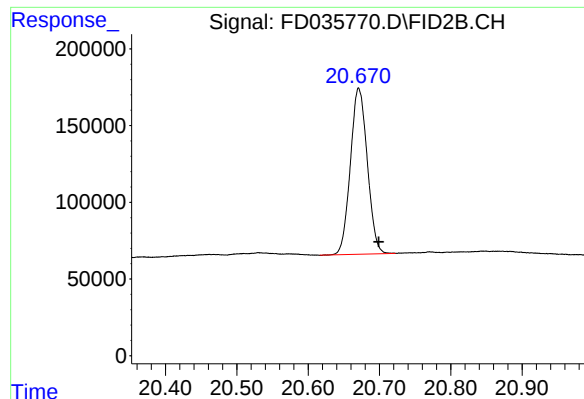
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min  
Delta R.T.: -0.024 min  
Response: 2020479  
Conc: 21.09 ug/ml



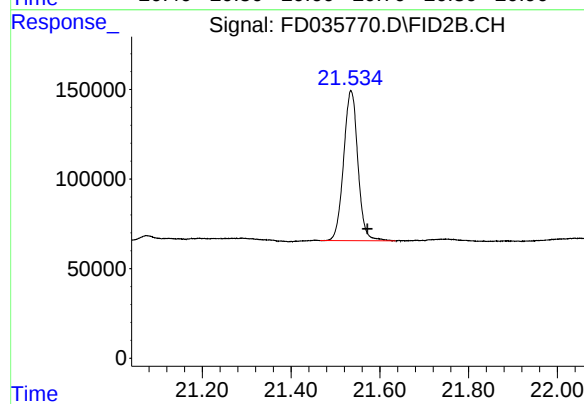
#20 n-Hexatriacontane (C36)

R.T.: 19.958 min  
Delta R.T.: -0.024 min  
Response: 1901131  
Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min  
Delta R.T.: -0.028 min  
Response: 1781349  
Conc: 21.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.535 min  
Delta R.T.: -0.037 min  
Response: 1867585  
Conc: 22.18 ug/ml