

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD073120AL\  
 Data File : FD034265.D  
 Signal(s) : FID2B.CH  
 Acq On : 31 Jul 2020 19:50  
 Operator : DD\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 01 01:03:54 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 073120.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 01 01:01:33 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)    | 11.622 | 13267435   | 101.934 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 203.87%       |
| 12) S 1-chlorooctadecane (S... | 13.048 | 10852457   | 101.982 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 203.96%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.389  | 11717775   | 100.824 ug/ml |
| 2) T n-Decane (C10)            | 4.459  | 11791698   | 101.117 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 6.045  | 13198515   | 101.275 ug/ml |
| 4) T n-Dodecane (C12)          | 6.473  | 11952866   | 101.478 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.101  | 13500524   | 101.671 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.264  | 11958628   | 102.641 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.861  | 11813442   | 102.105 ug/ml |
| 8) T n-Octadecane (C18)        | 11.300 | 12310016   | 101.943 ug/ml |
| 10) T n-Eicosane (C20)         | 12.604 | 12447133   | 101.957 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.214 | 12466840   | 101.868 ug/ml |
| 13) T n-Docosane (C22)         | 13.798 | 12522319   | 102.059 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.898 | 12615691   | 101.902 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.913 | 12593186   | 101.818 ug/ml |
| 16) T n-Octacosane (C28)       | 16.858 | 12632769   | 101.381 ug/ml |
| 17) T n-Tricontane (C30)       | 17.742 | 12314523   | 100.595 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.569 | 11301817   | 99.648 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.348 | 10652075   | 98.813 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.083 | 10064604   | 92.040 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.816 | 9336975    | 97.352 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.724 | 9391359    | 98.227 ug/ml  |
| -----                          |        |            |               |

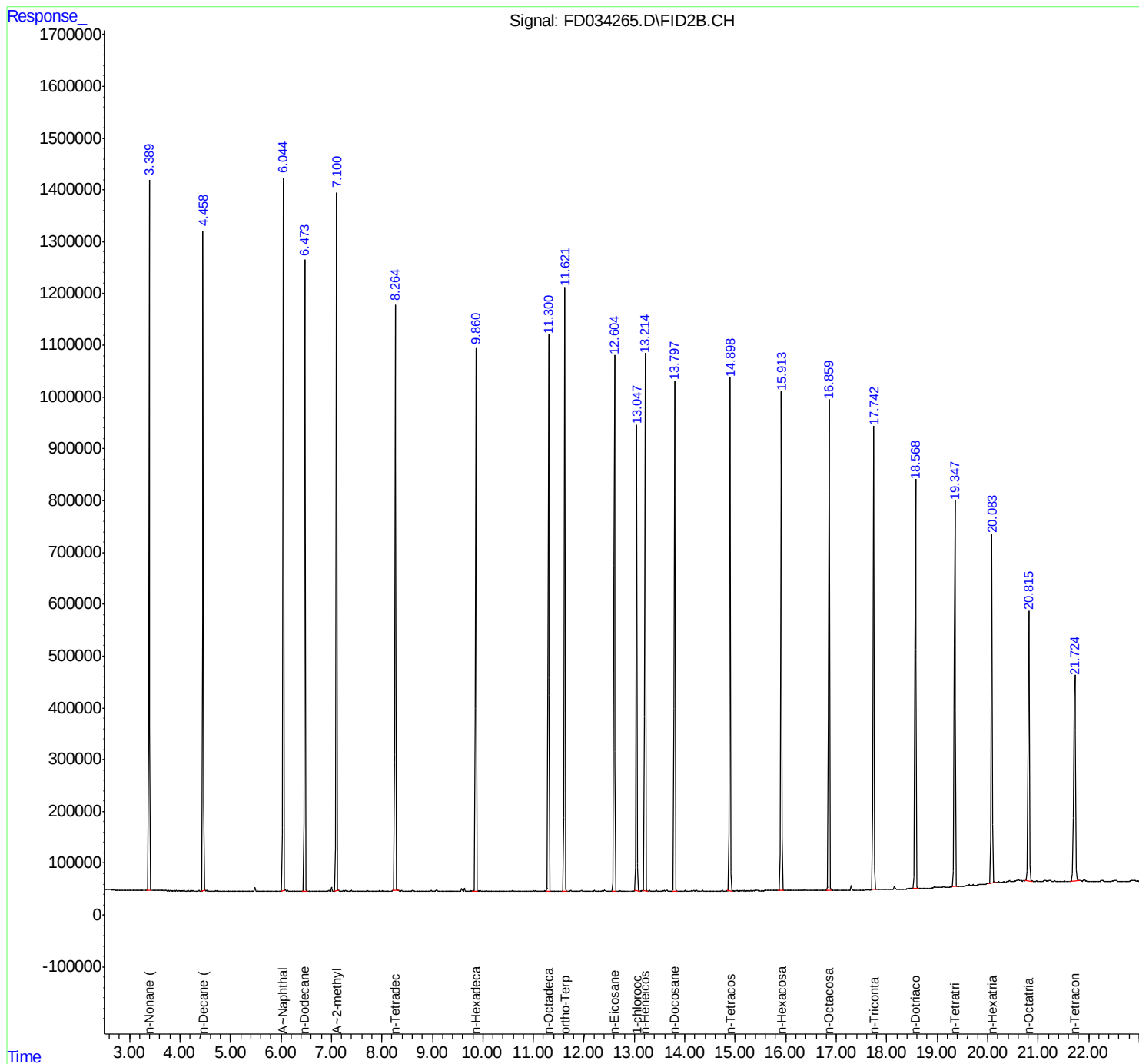
(f)=RT Delta > 1/2 Window

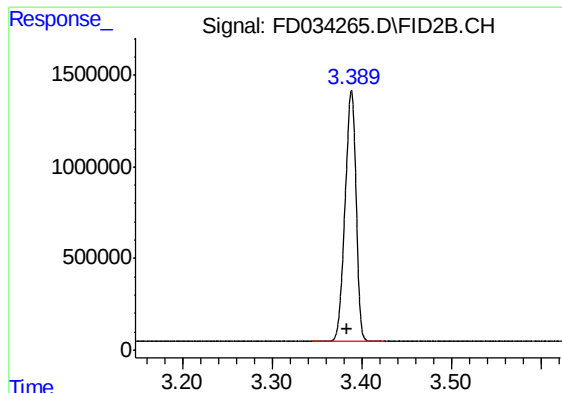
(m)=manual int.

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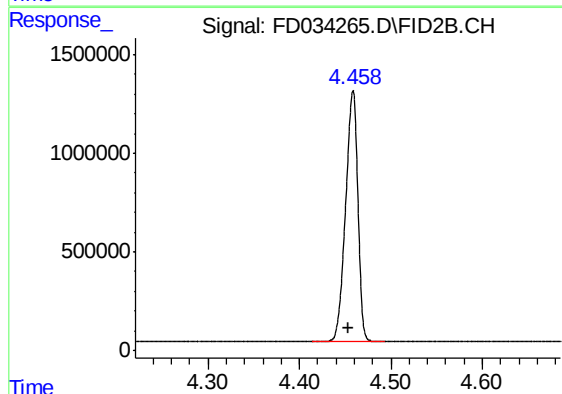
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





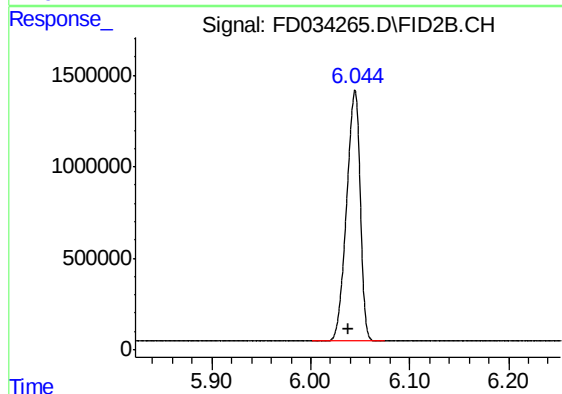
#1 n-Nonane (C9)

R.T.: 3.389 min  
Delta R.T.: 0.005 min  
Response: 11717775  
Conc: 100.82 ug/ml



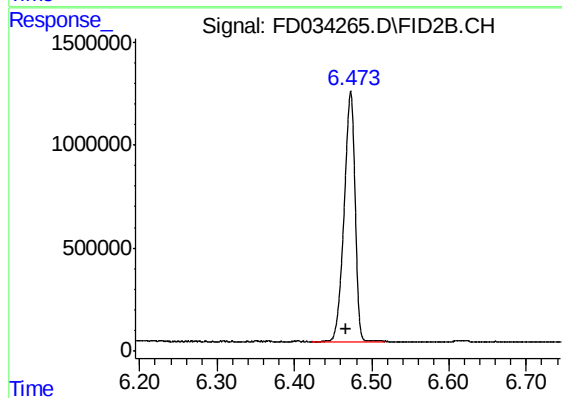
#2 n-Decane (C10)

R.T.: 4.459 min  
Delta R.T.: 0.006 min  
Response: 11791698  
Conc: 101.12 ug/ml



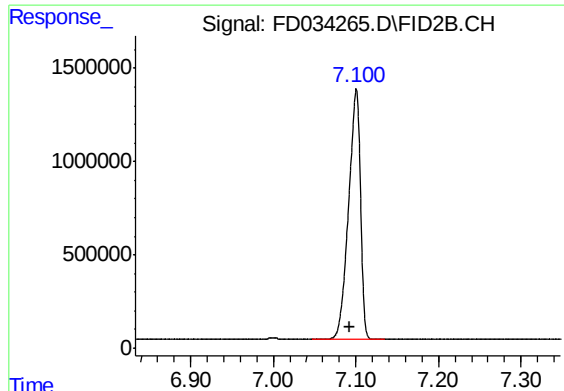
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min  
Delta R.T.: 0.006 min  
Response: 13198515  
Conc: 101.28 ug/ml



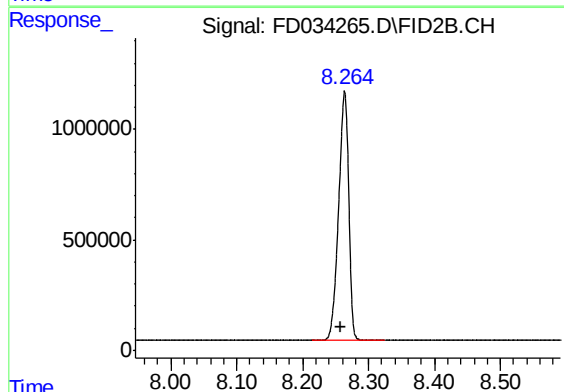
#4 n-Dodecane (C12)

R.T.: 6.473 min  
Delta R.T.: 0.006 min  
Response: 11952866  
Conc: 101.48 ug/ml



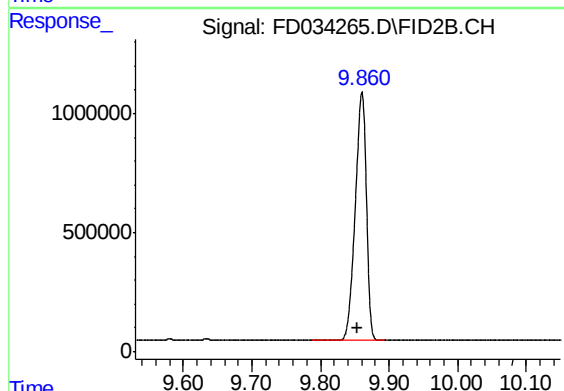
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min  
Delta R.T.: 0.008 min  
Response: 13500524  
Conc: 101.67 ug/ml



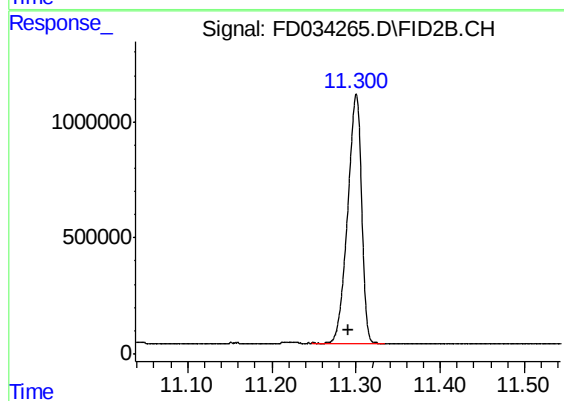
#6 n-Tetradecane (C14)

R.T.: 8.264 min  
Delta R.T.: 0.006 min  
Response: 11958628  
Conc: 102.64 ug/ml



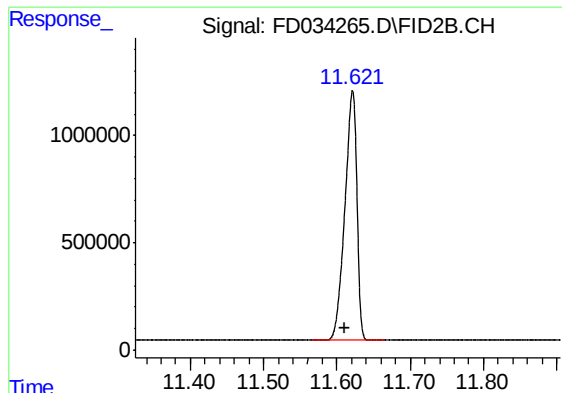
#7 n-Hexadecane (C16)

R.T.: 9.861 min  
Delta R.T.: 0.007 min  
Response: 11813442  
Conc: 102.10 ug/ml



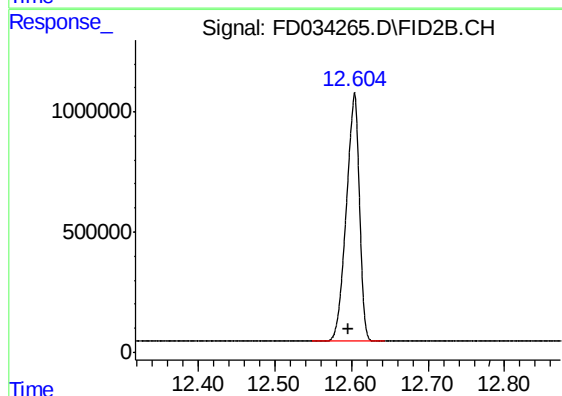
#8 n-Octadecane (C18)

R.T.: 11.300 min  
Delta R.T.: 0.009 min  
Response: 12310016  
Conc: 101.94 ug/ml



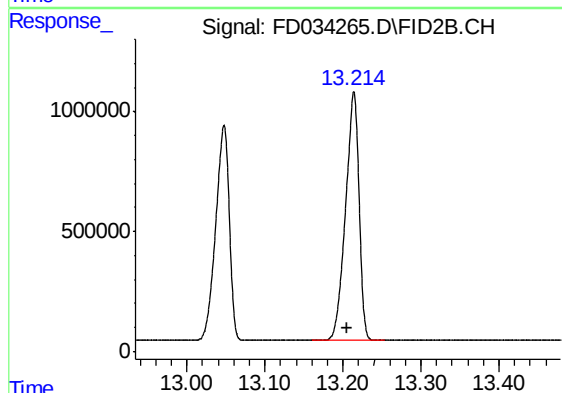
#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min  
Delta R.T.: 0.011 min  
Response: 13267435  
Conc: 101.93 ug/ml



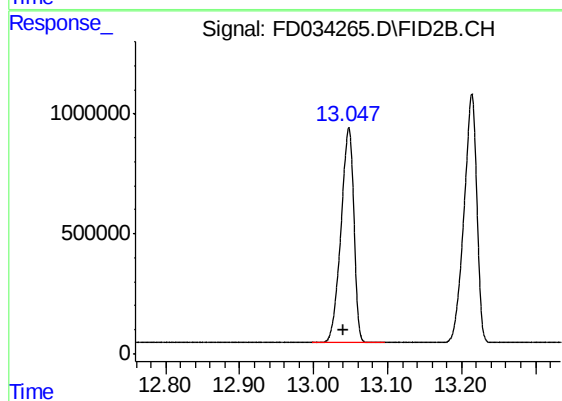
#10 n-Eicosane (C20)

R.T.: 12.604 min  
Delta R.T.: 0.008 min  
Response: 12447133  
Conc: 101.96 ug/ml



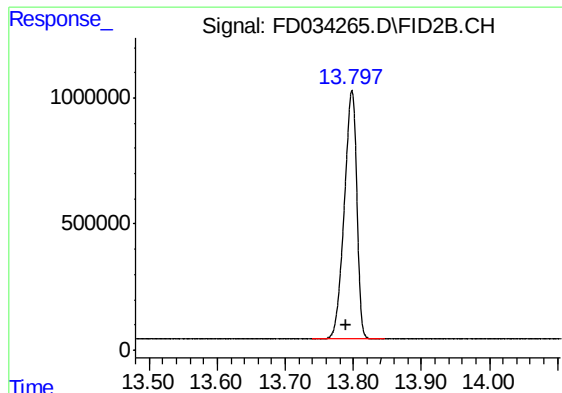
#11 n-Heneicosane (C21)

R.T.: 13.214 min  
Delta R.T.: 0.008 min  
Response: 12466840  
Conc: 101.87 ug/ml



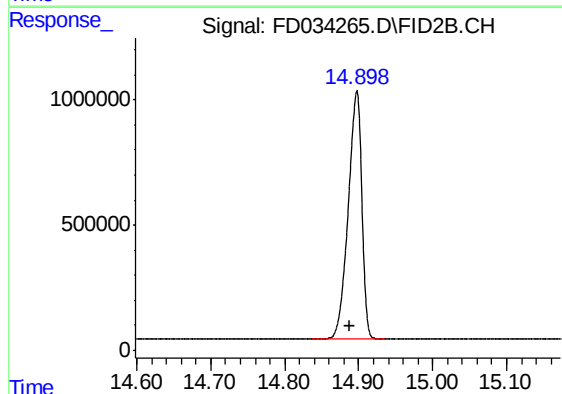
#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min  
Delta R.T.: 0.008 min  
Response: 10852457  
Conc: 101.98 ug/ml



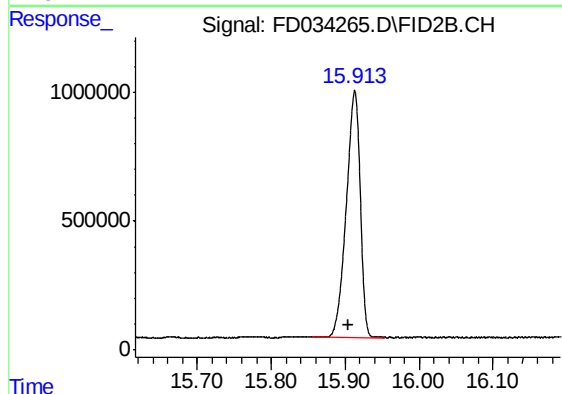
#13 n-Docosane (C22)

R.T.: 13.798 min  
Delta R.T.: 0.009 min  
Response: 12522319  
Conc: 102.06 ug/ml



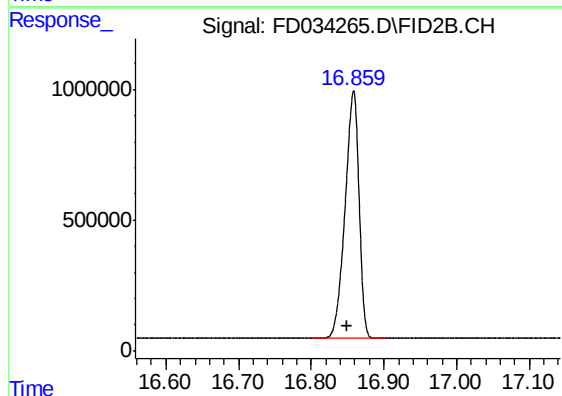
#14 n-Tetracosane (C24)

R.T.: 14.898 min  
Delta R.T.: 0.010 min  
Response: 12615691  
Conc: 101.90 ug/ml



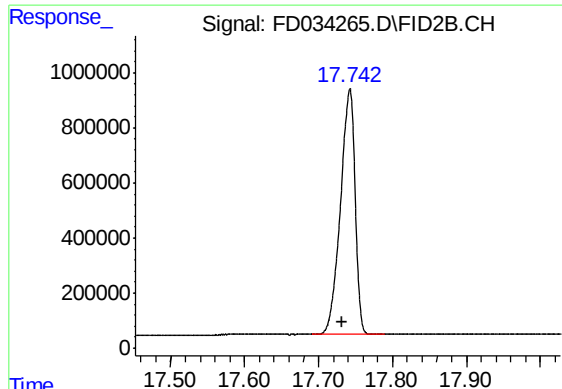
#15 n-Hexacosane (C26)

R.T.: 15.913 min  
Delta R.T.: 0.009 min  
Response: 12593186  
Conc: 101.82 ug/ml



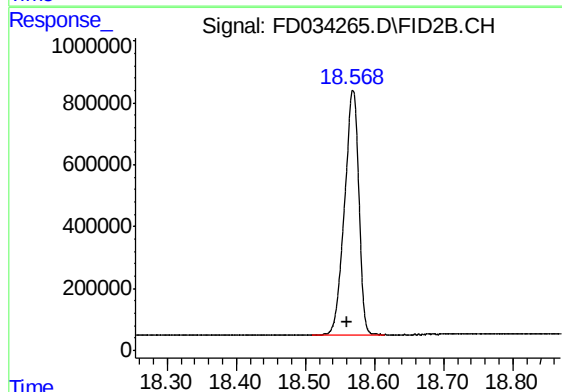
#16 n-Octacosane (C28)

R.T.: 16.858 min  
Delta R.T.: 0.009 min  
Response: 12632769  
Conc: 101.38 ug/ml



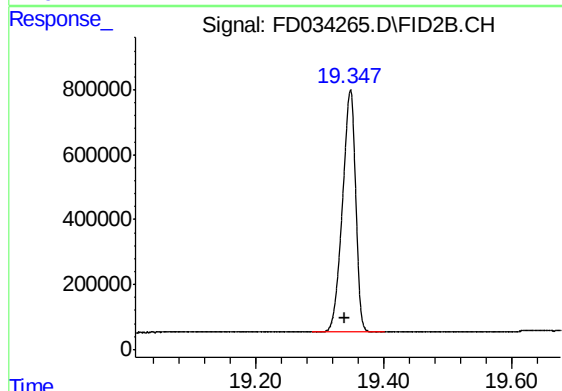
#17 n-Tricontane (C30)

R.T.: 17.742 min  
Delta R.T.: 0.011 min  
Response: 12314523  
Conc: 100.59 ug/ml



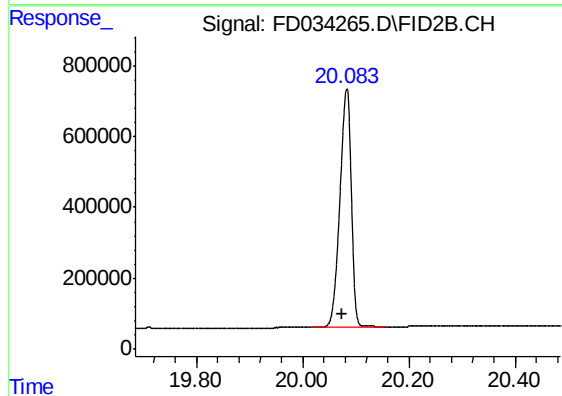
#18 n-Dotriacontane (C32)

R.T.: 18.569 min  
Delta R.T.: 0.008 min  
Response: 11301817  
Conc: 99.65 ug/ml



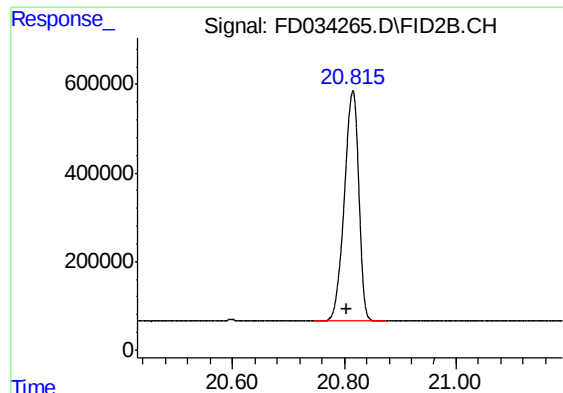
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min  
Delta R.T.: 0.008 min  
Response: 10652075  
Conc: 98.81 ug/ml



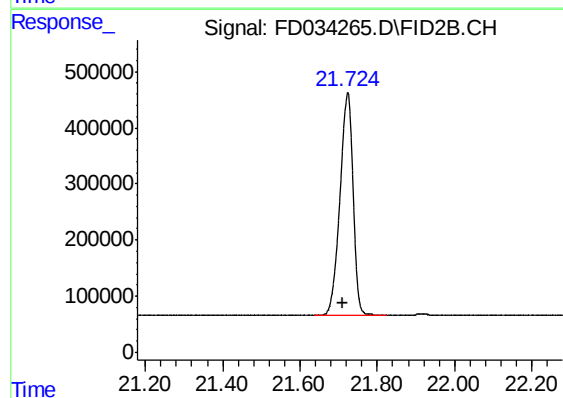
#20 n-Hexatriacontane (C36)

R.T.: 20.083 min  
Delta R.T.: 0.010 min  
Response: 10064604  
Conc: 92.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.816 min  
Delta R.T.: 0.011 min  
Response: 9336975  
Conc: 97.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.724 min  
Delta R.T.: 0.013 min  
Response: 9391359  
Conc: 98.23 ug/ml