

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110118AL\  
 Data File : FD026230.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Nov 2018 2:21  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 02 07:07:14 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101818.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 18 18:00:43 2018  
 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)    | 11.309 | 1843626    | 25.067 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 50.13%       |
| 12) S 1-chlorooctadecane (S... | 12.752 | 1321212    | 24.820 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 49.64%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.119  | 1489878    | 22.056 ug/ml |
| 2) T n-Decane (C10)            | 4.182  | 1505273    | 22.290 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.745  | 1821950    | 23.389 ug/ml |
| 4) T n-Dodecane (C12)          | 6.194  | 1485909    | 22.568 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.796  | 1831440    | 23.755 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.981  | 1486539    | 23.089 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.574  | 1461745    | 23.289 ug/ml |
| 8) T n-Octadecane (C18)        | 11.010 | 1463072    | 24.179 ug/ml |
| 10) T n-Eicosane (C20)         | 12.314 | 1487101    | 24.470 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.924 | 1485794    | 24.703 ug/ml |
| 13) T n-Docosane (C22)         | 13.507 | 1492267    | 24.847 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.606 | 1498573    | 24.876 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.623 | 1484392    | 24.665 ug/ml |
| 16) T n-Octacosane (C28)       | 16.568 | 1467817    | 24.124 ug/ml |
| 17) T n-Tricontane (C30)       | 17.452 | 1427966    | 23.299 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.279 | 1416836    | 21.406 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.060 | 1384527    | 21.434 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.795 | 1318081    | 21.642 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.495 | 1279350    | 21.475 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.300 | 1267202    | 21.287 ug/ml |
| -----                          |        |            |              |

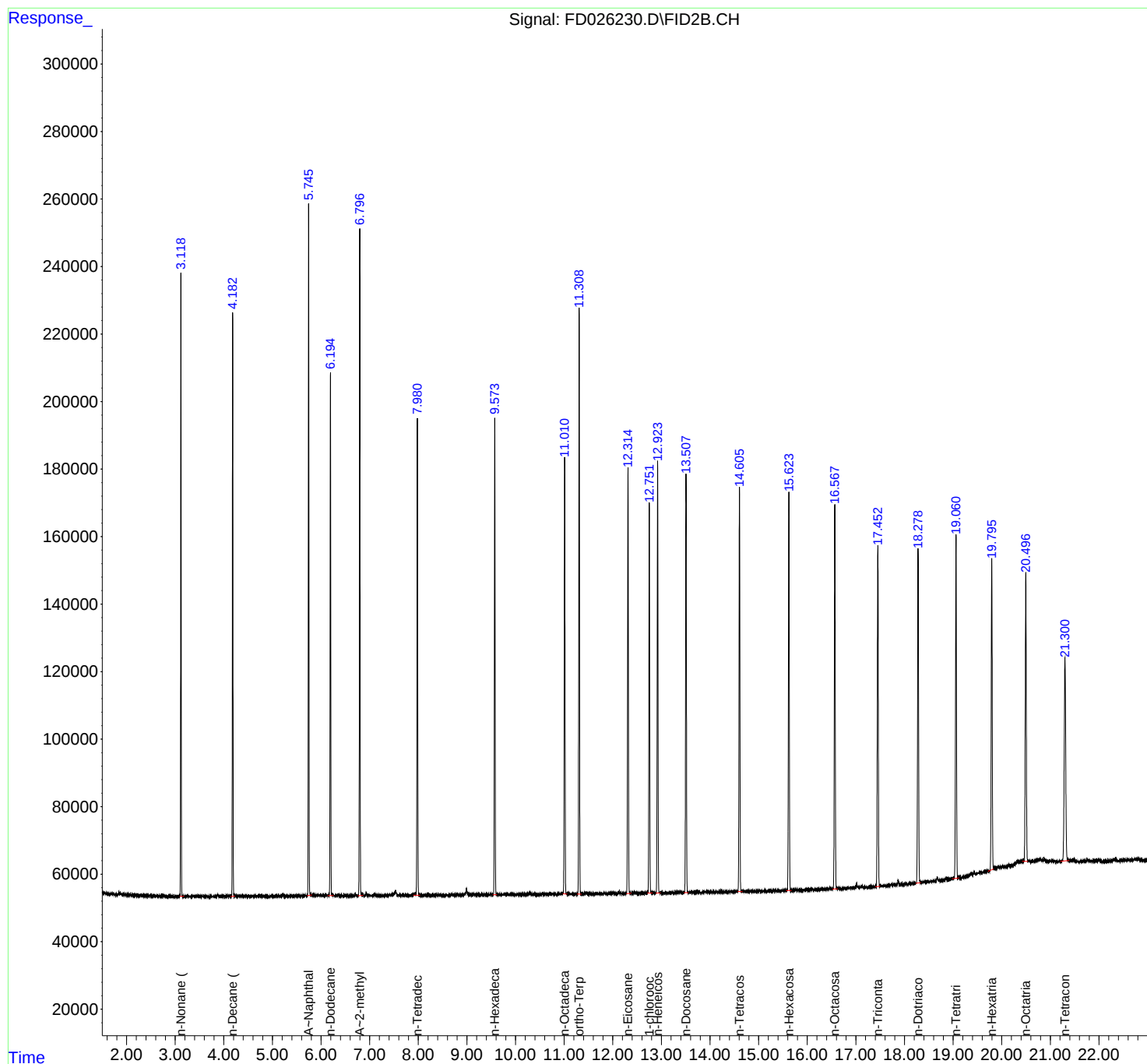
(f)=RT Delta > 1/2 Window

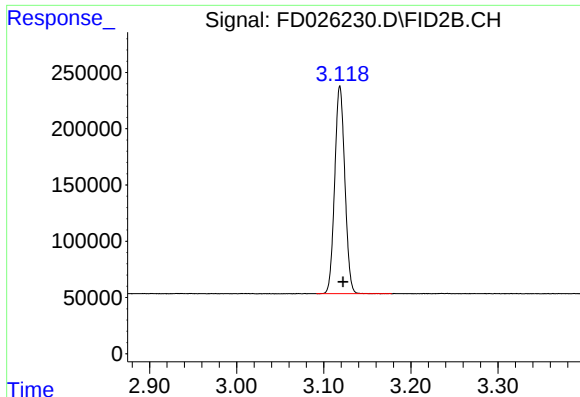
(m)=manual int.

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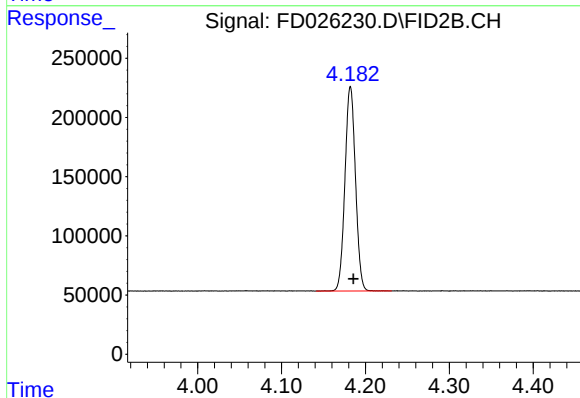
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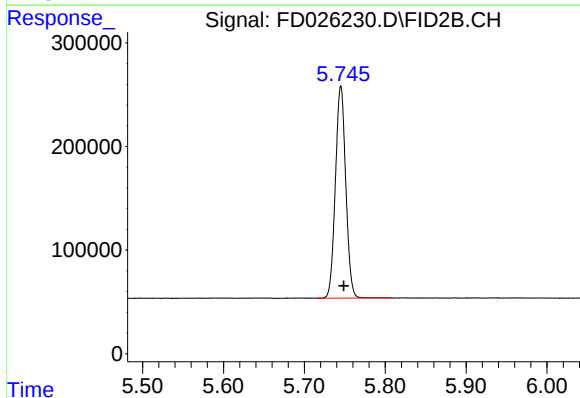
#1 n-Nonane (C9)

R.T.: 3.119 min  
Delta R.T.: -0.003 min  
Response: 1489878  
Conc: 22.06 ug/ml



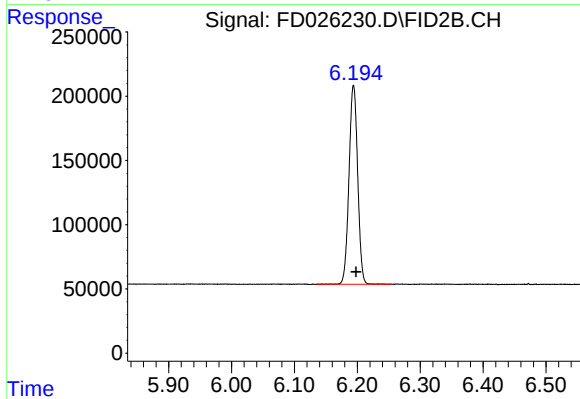
#2 n-Decane (C10)

R.T.: 4.182 min  
Delta R.T.: -0.003 min  
Response: 1505273  
Conc: 22.29 ug/ml



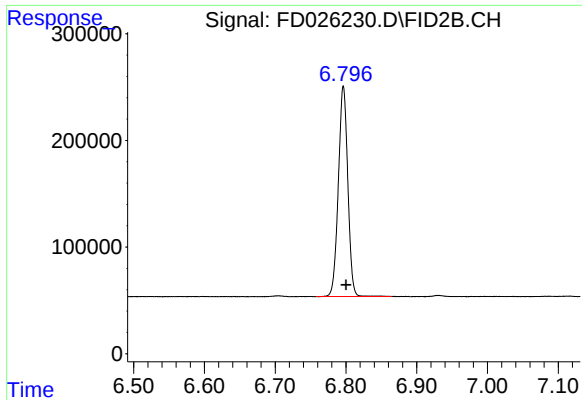
#3 A~Naphthalene (C11.7)

R.T.: 5.745 min  
Delta R.T.: -0.004 min  
Response: 1821950  
Conc: 23.39 ug/ml



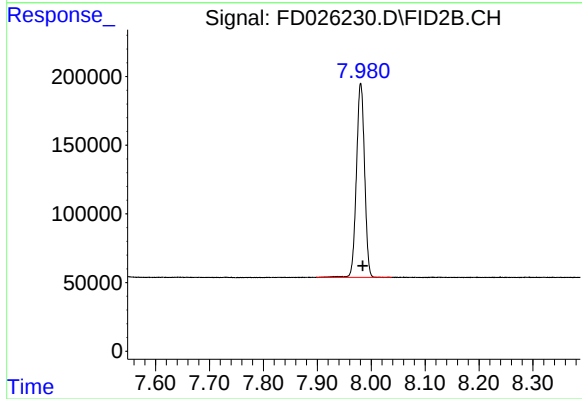
#4 n-Dodecane (C12)

R.T.: 6.194 min  
Delta R.T.: -0.004 min  
Response: 1485909  
Conc: 22.57 ug/ml



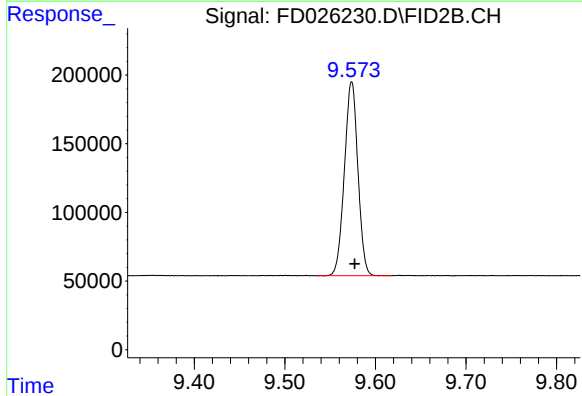
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 1831440  
Conc: 23.76 ug/ml



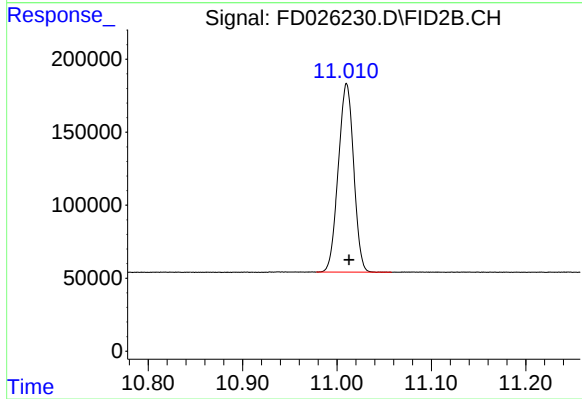
#6 n-Tetradecane (C14)

R.T.: 7.981 min  
Delta R.T.: -0.004 min  
Response: 1486539  
Conc: 23.09 ug/ml



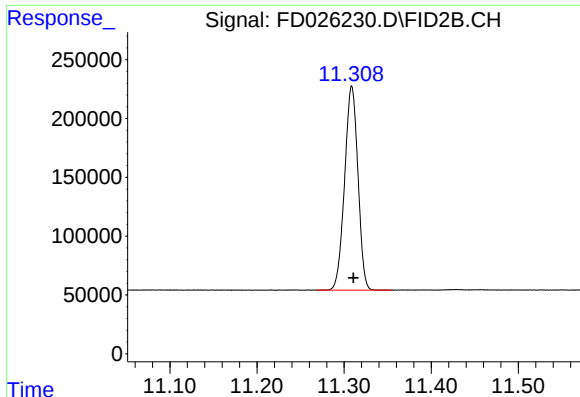
#7 n-Hexadecane (C16)

R.T.: 9.574 min  
Delta R.T.: -0.003 min  
Response: 1461745  
Conc: 23.29 ug/ml



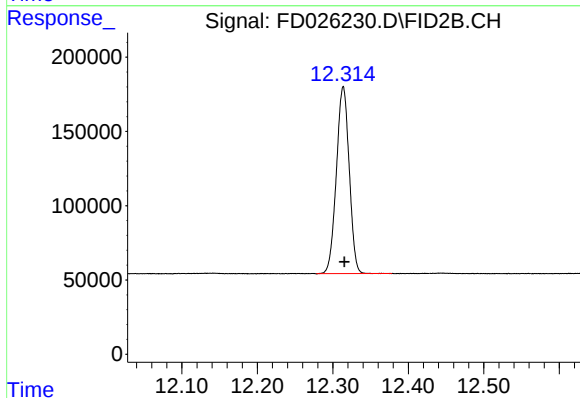
#8 n-Octadecane (C18)

R.T.: 11.010 min  
Delta R.T.: -0.002 min  
Response: 1463072  
Conc: 24.18 ug/ml



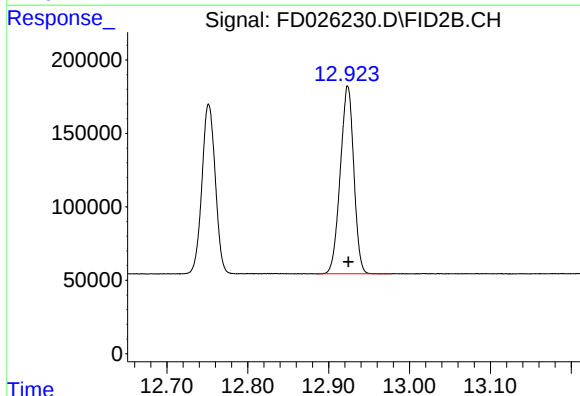
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min  
Delta R.T.: -0.002 min  
Response: 1843626  
Conc: 25.07 ug/ml



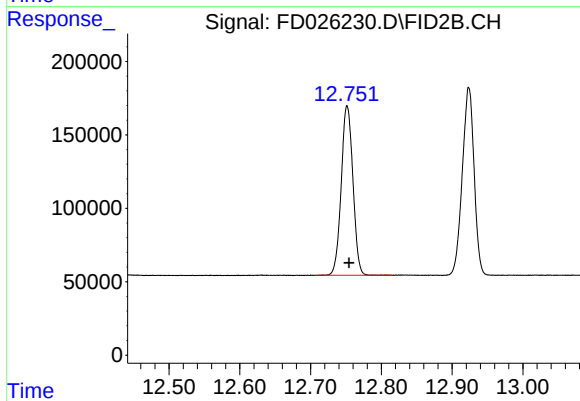
#10 n-Eicosane (C20)

R.T.: 12.314 min  
Delta R.T.: -0.002 min  
Response: 1487101  
Conc: 24.47 ug/ml



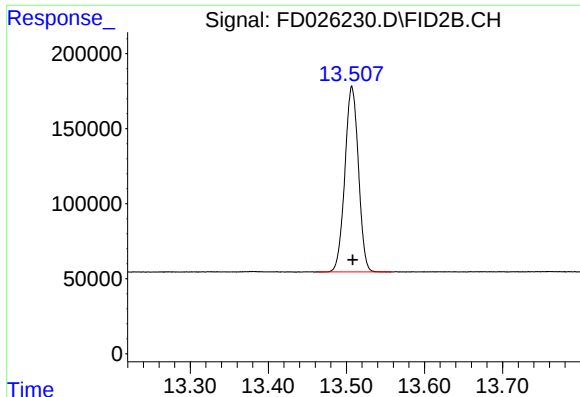
#11 n-Heneicosane (C21)

R.T.: 12.924 min  
Delta R.T.: 0.000 min  
Response: 1485794  
Conc: 24.70 ug/ml



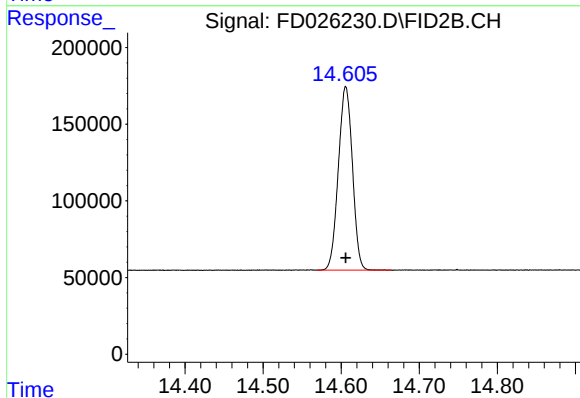
#12 1-chlorooctadecane (SURR)

R.T.: 12.752 min  
Delta R.T.: -0.002 min  
Response: 1321212  
Conc: 24.82 ug/ml



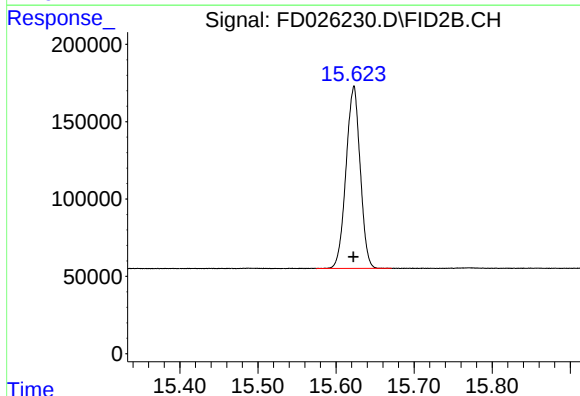
#13 n-Docosane (C22)

R.T.: 13.507 min  
Delta R.T.: -0.001 min  
Response: 1492267  
Conc: 24.85 ug/ml



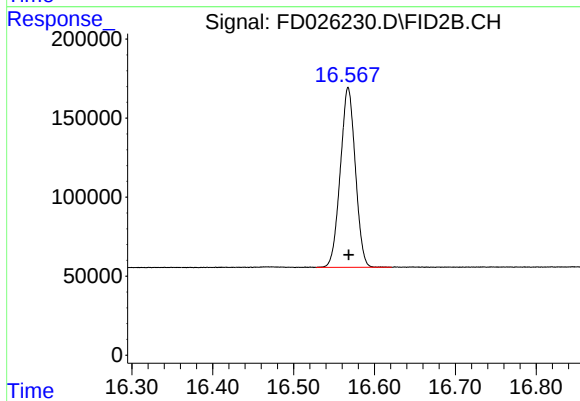
#14 n-Tetracosane (C24)

R.T.: 14.606 min  
Delta R.T.: 0.000 min  
Response: 1498573  
Conc: 24.88 ug/ml



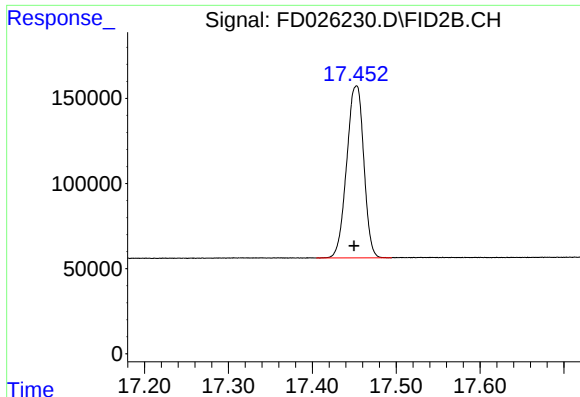
#15 n-Hexacosane (C26)

R.T.: 15.623 min  
Delta R.T.: 0.000 min  
Response: 1484392  
Conc: 24.67 ug/ml



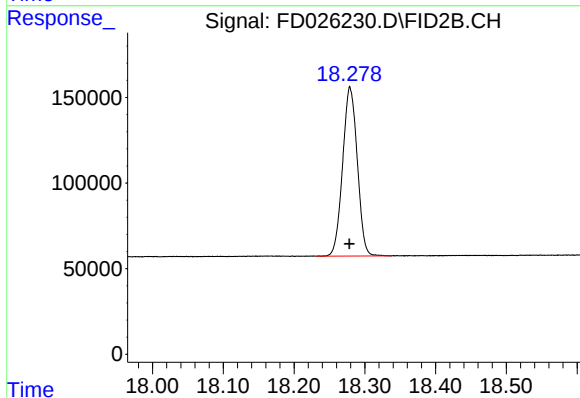
#16 n-Octacosane (C28)

R.T.: 16.568 min  
Delta R.T.: 0.000 min  
Response: 1467817  
Conc: 24.12 ug/ml



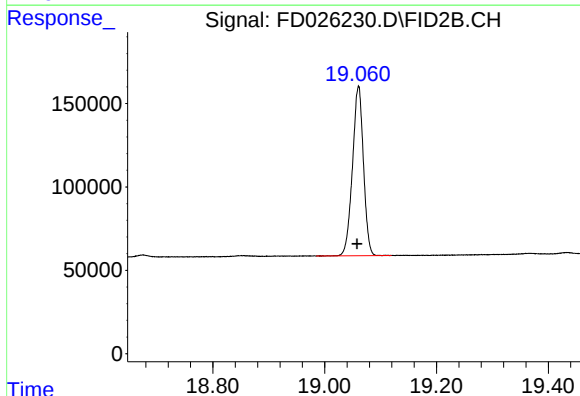
#17 n-Tricontane (C30)

R.T.: 17.452 min  
Delta R.T.: 0.002 min  
Response: 1427966  
Conc: 23.30 ug/ml



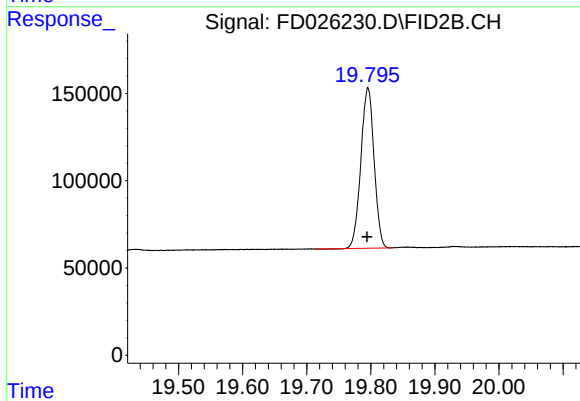
#18 n-Dotriacontane (C32)

R.T.: 18.279 min  
Delta R.T.: 0.001 min  
Response: 1416836  
Conc: 21.41 ug/ml



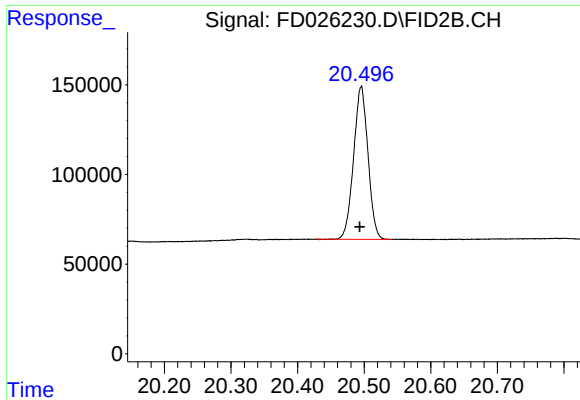
#19 n-Tetratriacontane (C34)

R.T.: 19.060 min  
Delta R.T.: 0.003 min  
Response: 1384527  
Conc: 21.43 ug/ml



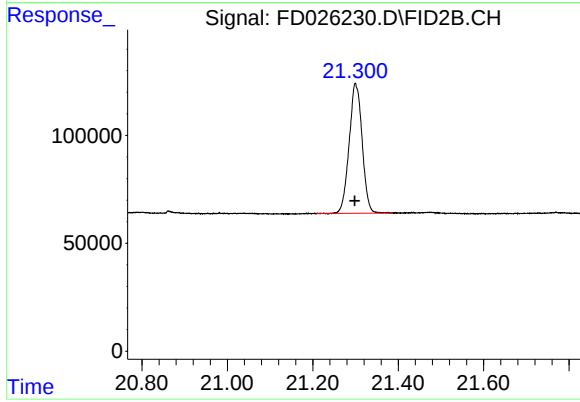
#20 n-Hexatriacontane (C36)

R.T.: 19.795 min  
Delta R.T.: 0.001 min  
Response: 1318081  
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.495 min  
Delta R.T.: 0.002 min  
Response: 1279350  
Conc: 21.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.300 min  
Delta R.T.: 0.002 min  
Response: 1267202  
Conc: 21.29 ug/ml