

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090619AL\  
 Data File : FD030539.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Sep 2019 22:50  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 07 01:19:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 090319.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 04:22:49 2019  
 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)    | 11.507 | 3101497    | 21.323 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.65%       |
| 12) S 1-chlorooctadecane (S... | 12.934 | 2321557    | 21.257 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.318  | 2781004    | 22.280 ug/ml |
| 2) T n-Decane (C10)            | 4.377  | 2817003    | 22.515 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.953  | 3150031    | 22.463 ug/ml |
| 4) T n-Dodecane (C12)          | 6.384  | 2841200    | 22.457 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.004  | 3183850    | 22.464 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.169  | 2835005    | 22.277 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.760  | 2821405    | 22.104 ug/ml |
| 8) T n-Octadecane (C18)        | 11.193 | 2798892    | 21.833 ug/ml |
| 10) T n-Eicosane (C20)         | 12.493 | 2736832    | 21.476 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.101 | 2738355    | 21.406 ug/ml |
| 13) T n-Docosane (C22)         | 13.682 | 2689318    | 21.114 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.777 | 2645143    | 20.830 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.791 | 2552305    | 20.519 ug/ml |
| 16) T n-Octacosane (C28)       | 16.735 | 2478710    | 20.330 ug/ml |
| 17) T n-Tricontane (C30)       | 17.615 | 2446044    | 20.574 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.440 | 2499327    | 21.798 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.218 | 2298079    | 21.168 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.951 | 2536105    | 24.706 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.661 | 2267914    | 23.373 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.517 | 2332284    | 22.745 ug/ml |
| -----                          |        |            |              |

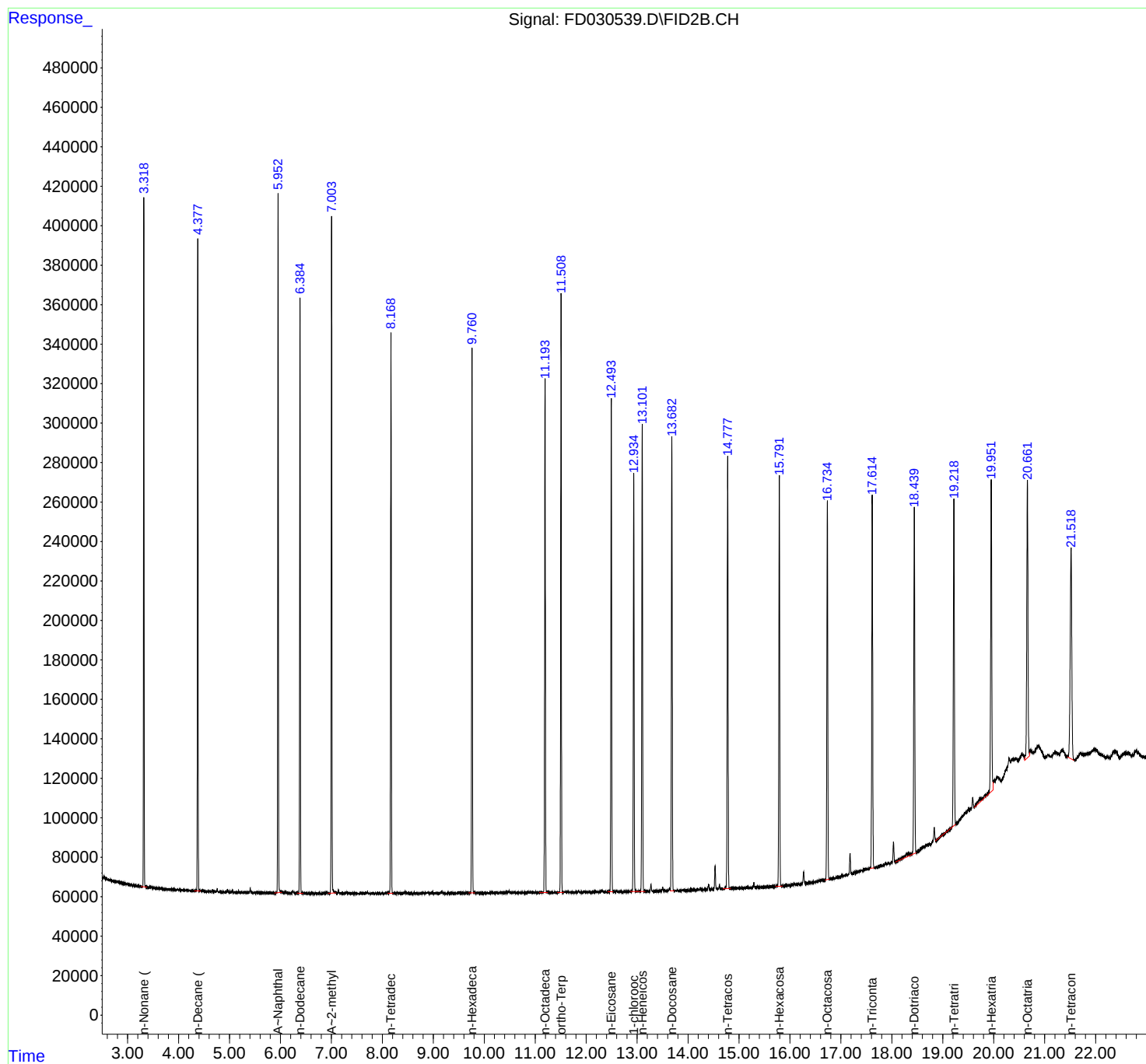
(f)=RT Delta > 1/2 Window

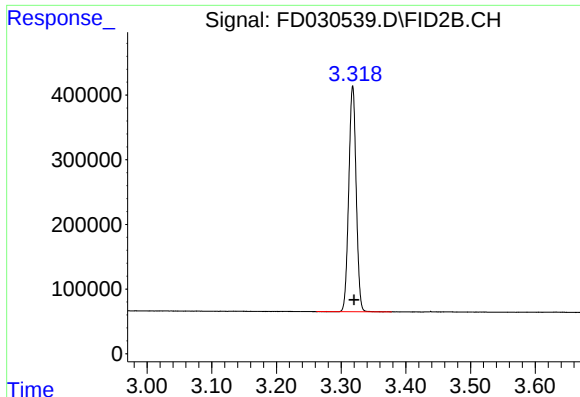
(m)=manual int.

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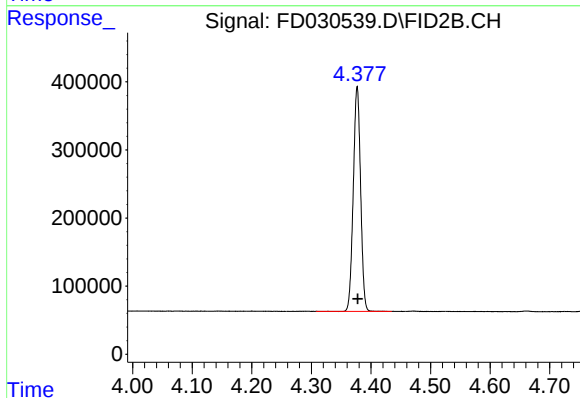
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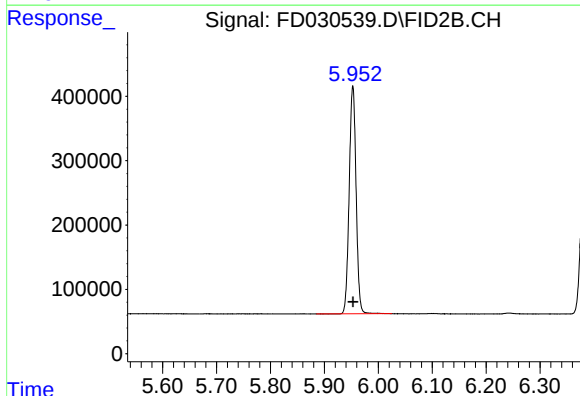
#1 n-Nonane (C9)

R.T.: 3.318 min  
Delta R.T.: -0.002 min  
Response: 2781004  
Conc: 22.28 ug/ml



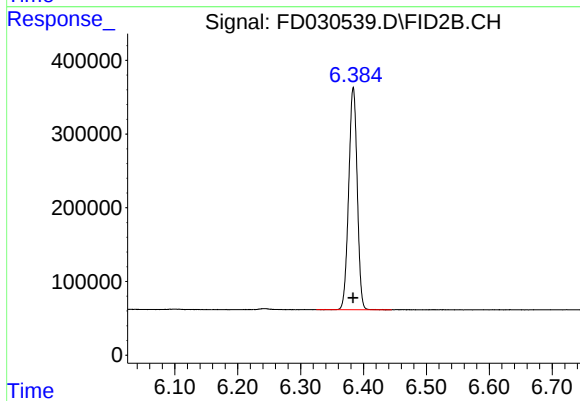
#2 n-Decane (C10)

R.T.: 4.377 min  
Delta R.T.: -0.001 min  
Response: 2817003  
Conc: 22.51 ug/ml



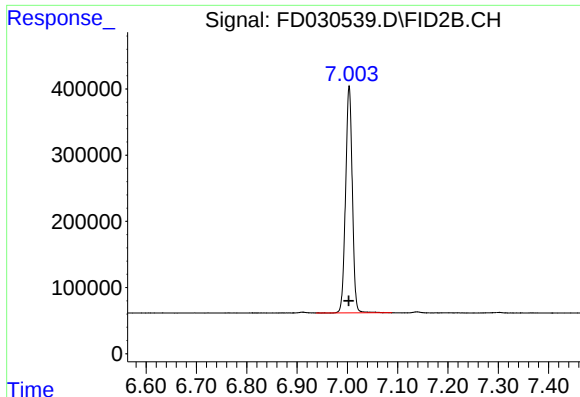
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 3150031  
Conc: 22.46 ug/ml



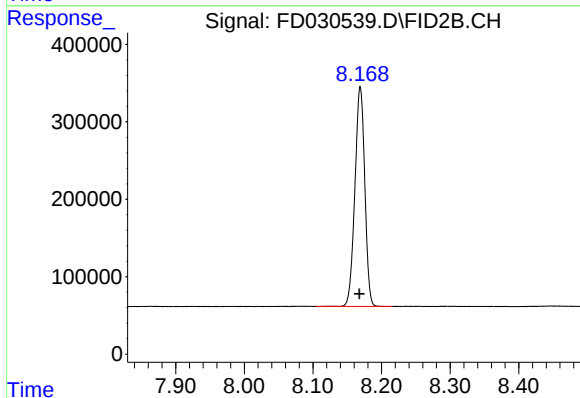
#4 n-Dodecane (C12)

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 2841200  
Conc: 22.46 ug/ml



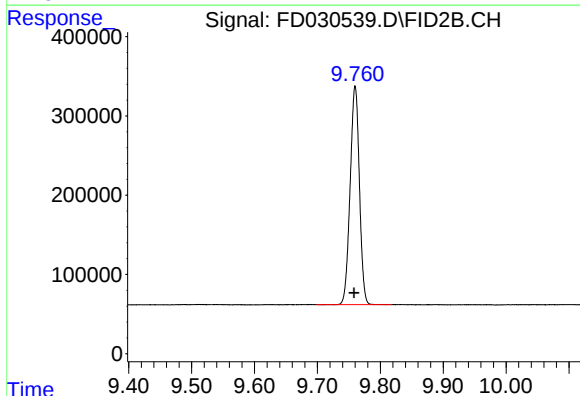
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min  
Delta R.T.: 0.001 min  
Response: 3183850  
Conc: 22.46 ug/ml



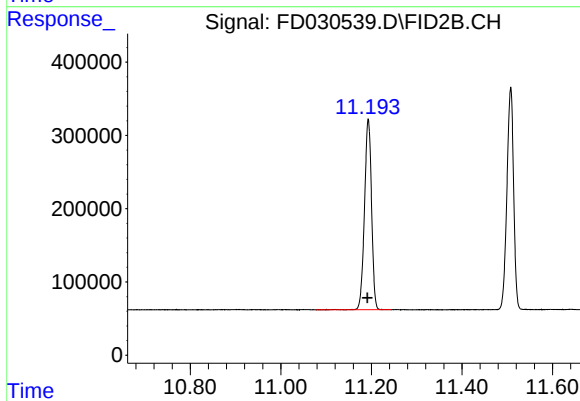
#6 n-Tetradecane (C14)

R.T.: 8.169 min  
Delta R.T.: 0.001 min  
Response: 2835005  
Conc: 22.28 ug/ml



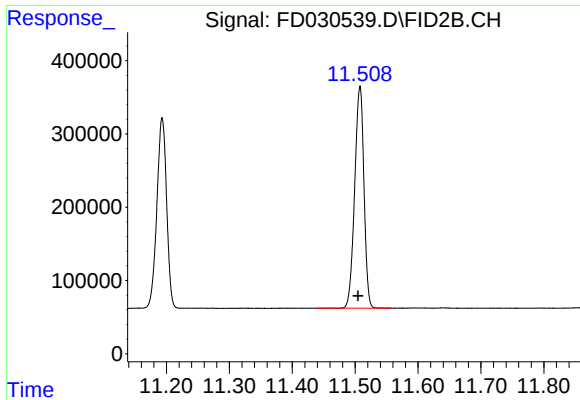
#7 n-Hexadecane (C16)

R.T.: 9.760 min  
Delta R.T.: 0.002 min  
Response: 2821405  
Conc: 22.10 ug/ml



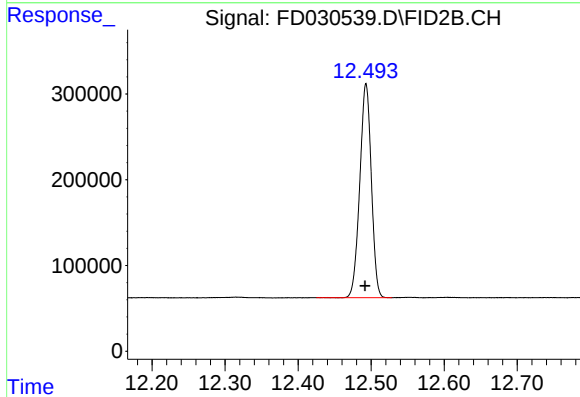
#8 n-Octadecane (C18)

R.T.: 11.193 min  
Delta R.T.: 0.002 min  
Response: 2798892  
Conc: 21.83 ug/ml



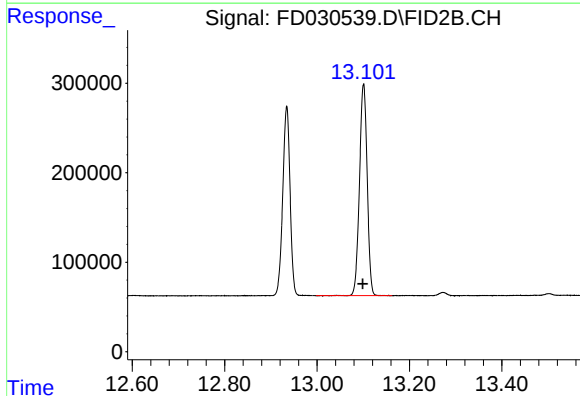
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min  
Delta R.T.: 0.003 min  
Response: 3101497  
Conc: 21.32 ug/ml



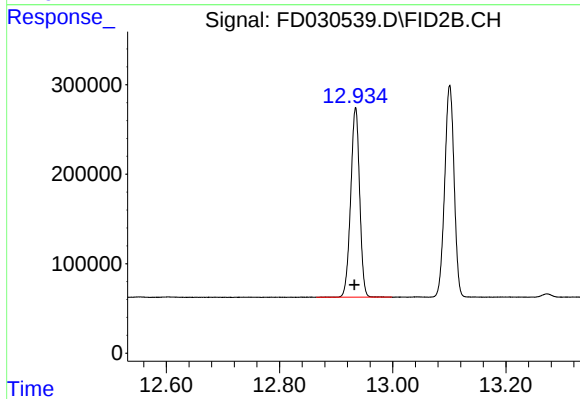
#10 n-Eicosane (C20)

R.T.: 12.493 min  
Delta R.T.: 0.001 min  
Response: 2736832  
Conc: 21.48 ug/ml



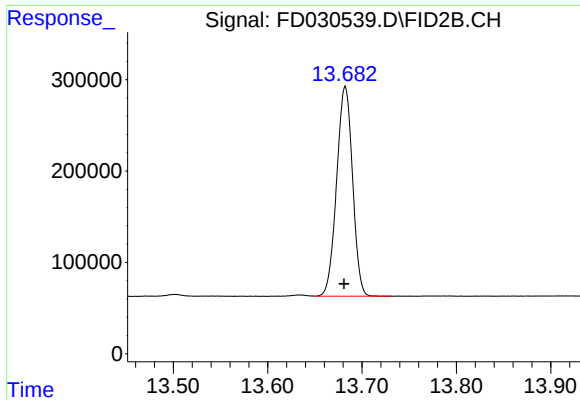
#11 n-Heneicosane (C21)

R.T.: 13.101 min  
Delta R.T.: 0.002 min  
Response: 2738355  
Conc: 21.41 ug/ml



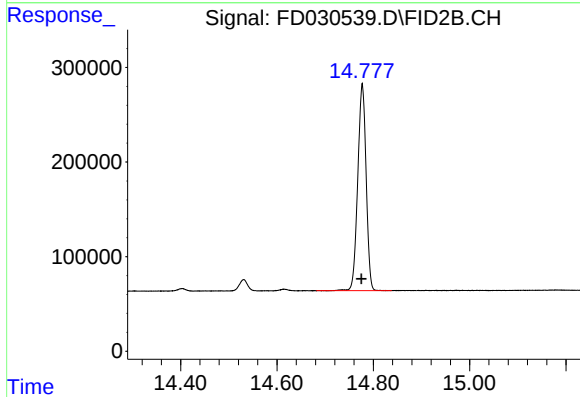
#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min  
Delta R.T.: 0.002 min  
Response: 2321557  
Conc: 21.26 ug/ml



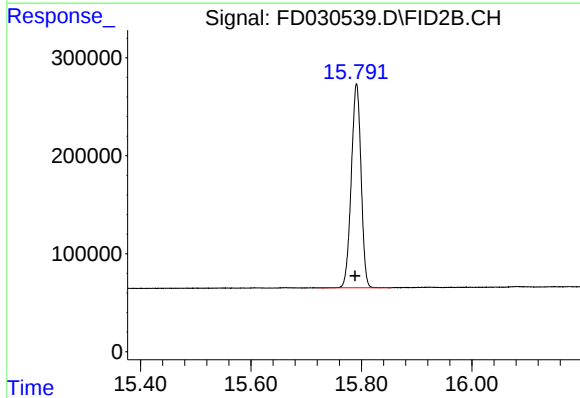
#13 n-Docosane (C22)

R.T.: 13.682 min  
Delta R.T.: 0.001 min  
Response: 2689318  
Conc: 21.11 ug/ml



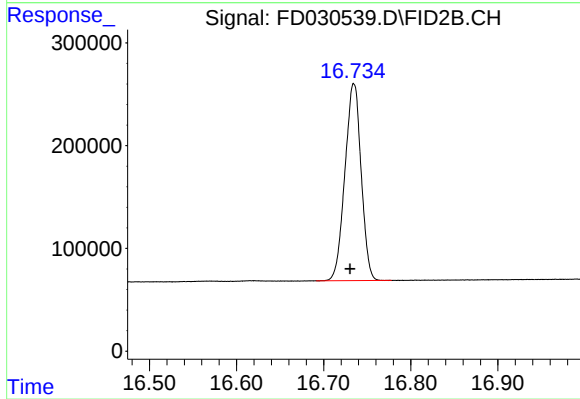
#14 n-Tetracosane (C24)

R.T.: 14.777 min  
Delta R.T.: 0.002 min  
Response: 2645143  
Conc: 20.83 ug/ml



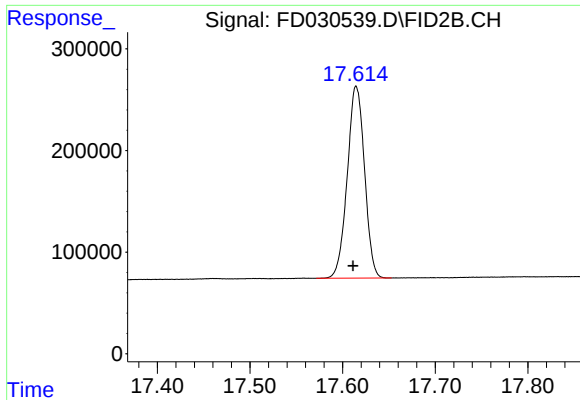
#15 n-Hexacosane (C26)

R.T.: 15.791 min  
Delta R.T.: 0.003 min  
Response: 2552305  
Conc: 20.52 ug/ml



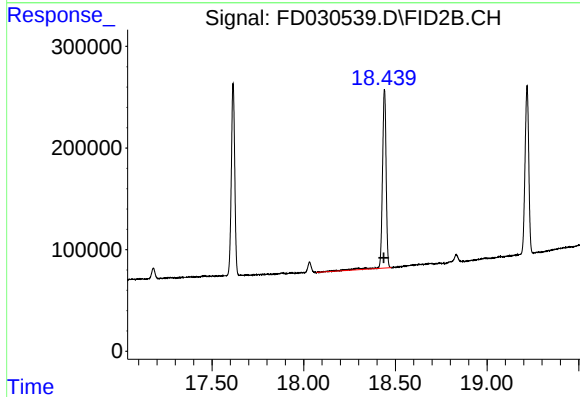
#16 n-Octacosane (C28)

R.T.: 16.735 min  
Delta R.T.: 0.004 min  
Response: 2478710  
Conc: 20.33 ug/ml



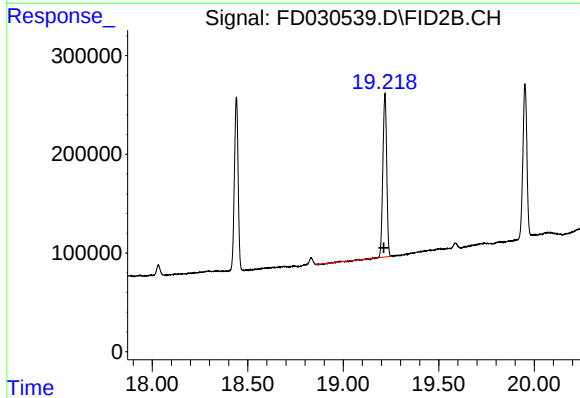
#17 n-Tricontane (C30)

R.T.: 17.615 min  
Delta R.T.: 0.004 min  
Response: 2446044  
Conc: 20.57 ug/ml



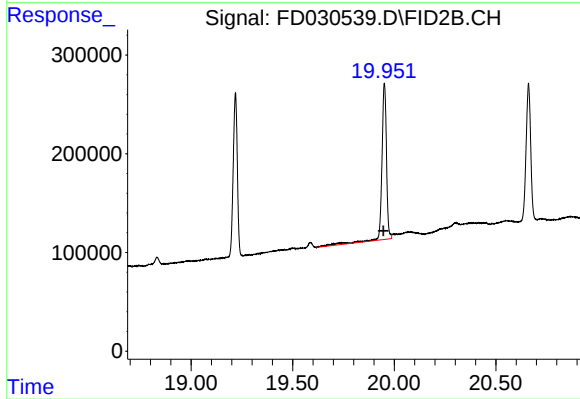
#18 n-Dotriacontane (C32)

R.T.: 18.440 min  
Delta R.T.: 0.004 min  
Response: 2499327  
Conc: 21.80 ug/ml



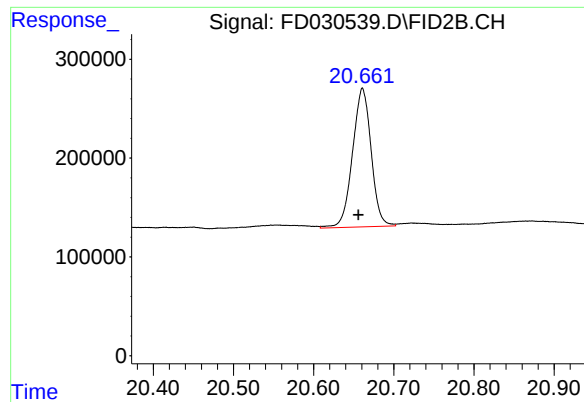
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min  
Delta R.T.: 0.006 min  
Response: 2298079  
Conc: 21.17 ug/ml



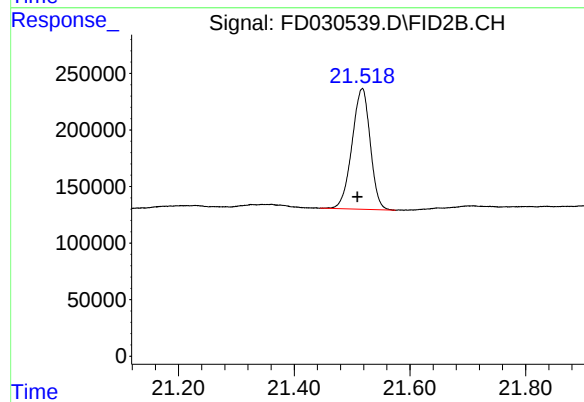
#20 n-Hexatriacontane (C36)

R.T.: 19.951 min  
Delta R.T.: 0.005 min  
Response: 2536105  
Conc: 24.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.661 min  
Delta R.T.: 0.005 min  
Response: 2267914  
Conc: 23.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.517 min  
Delta R.T.: 0.008 min  
Response: 2332284  
Conc: 22.75 ug/ml