

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110518AL\  
 Data File : FD026365.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Nov 2018 13:42  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 06 14:07:45 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)    | 11.299 | 1723286    | 23.431 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 46.86%       |
| 12) S 1-chlorooctadecane (S... | 12.743 | 1288523    | 24.206 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 48.41%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.108  | 1372708    | 20.322 ug/ml |
| 2) T n-Decane (C10)            | 4.172  | 1435724    | 21.260 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.735  | 1730876    | 22.220 ug/ml |
| 4) T n-Dodecane (C12)          | 6.185  | 1475353    | 22.407 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.787  | 1755778    | 22.774 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.972  | 1498770    | 23.279 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.565  | 1496621    | 23.845 ug/ml |
| 8) T n-Octadecane (C18)        | 11.000 | 1481561    | 24.485 ug/ml |
| 10) T n-Eicosane (C20)         | 12.304 | 1481474    | 24.377 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.914 | 1471963    | 24.473 ug/ml |
| 13) T n-Docosane (C22)         | 13.498 | 1472094    | 24.511 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.595 | 1470462    | 24.409 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.611 | 1460600    | 24.270 ug/ml |
| 16) T n-Octacosane (C28)       | 16.558 | 1464832    | 24.075 ug/ml |
| 17) T n-Tricontane (C30)       | 17.441 | 1459134    | 23.808 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.269 | 1469834    | 22.207 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.048 | 1434919    | 22.214 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.785 | 1453181    | 23.860 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.484 | 1936136    | 32.499 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.287 | 1351003    | 22.695 ug/ml |
| -----                          |        |            |              |

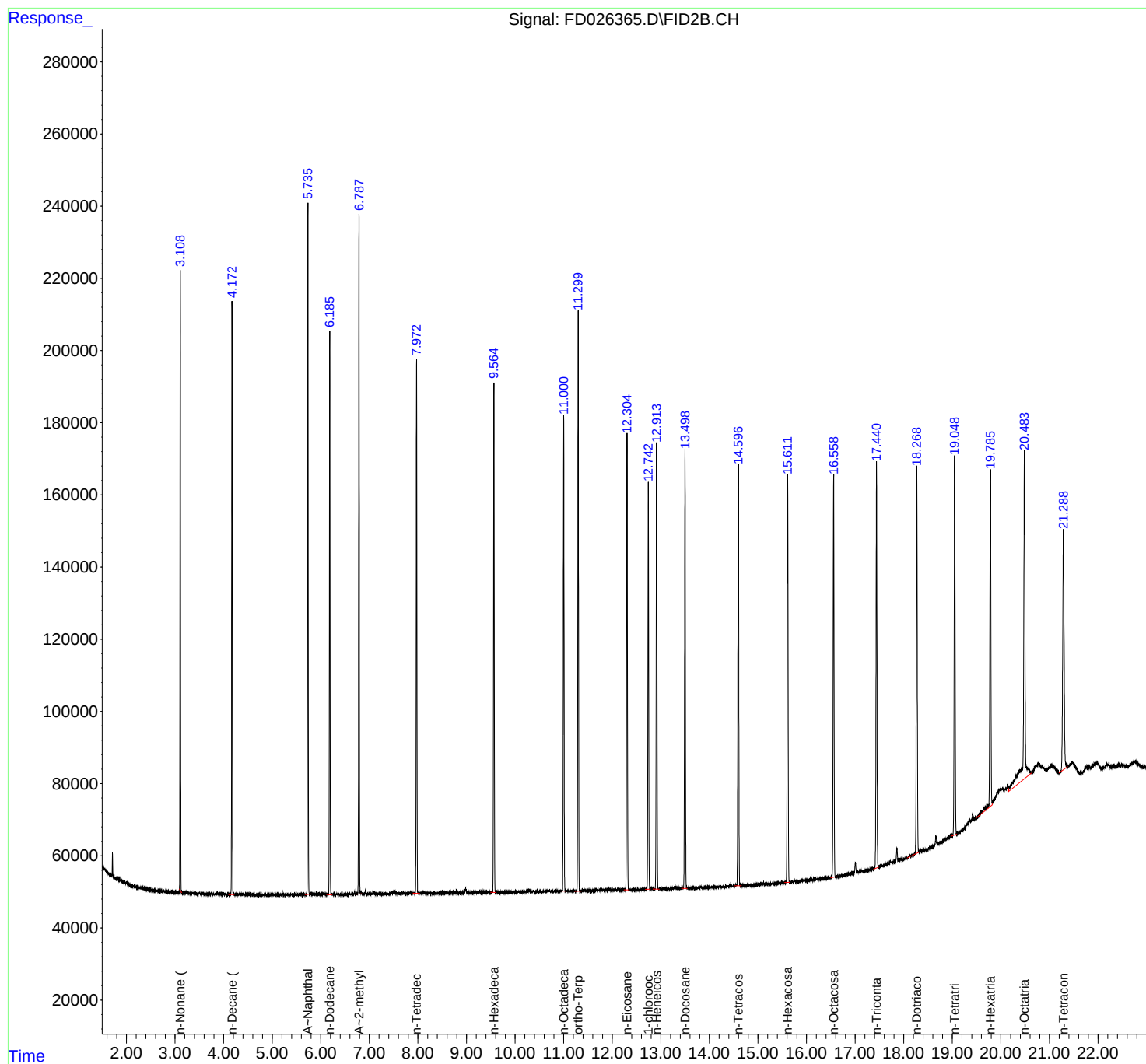
(f)=RT Delta > 1/2 Window

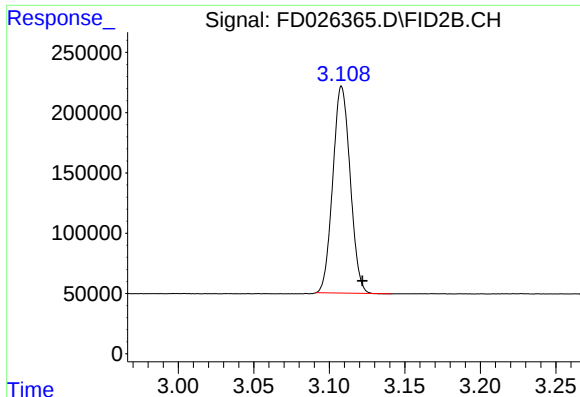
(m)=manual int.

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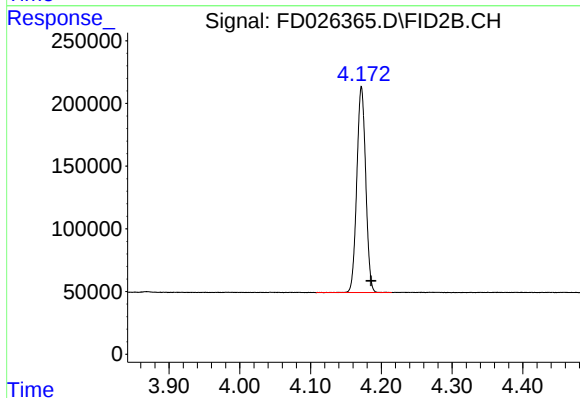
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





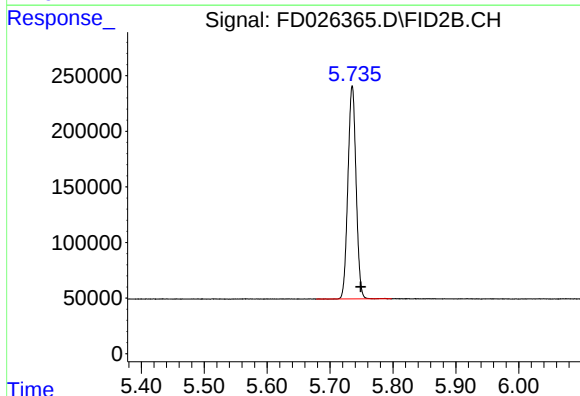
#1 n-Nonane (C9)

R.T.: 3.108 min  
Delta R.T.: -0.014 min  
Response: 1372708  
Conc: 20.32 ug/ml



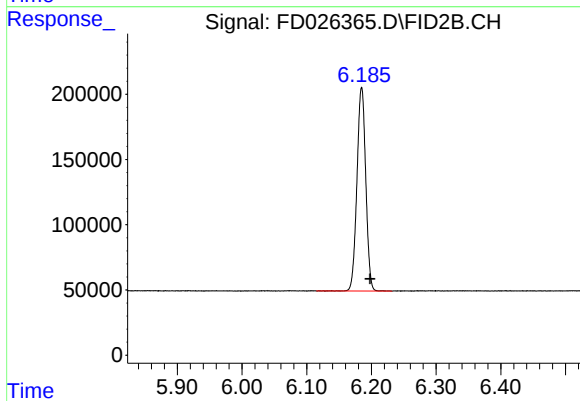
#2 n-Decane (C10)

R.T.: 4.172 min  
Delta R.T.: -0.013 min  
Response: 1435724  
Conc: 21.26 ug/ml



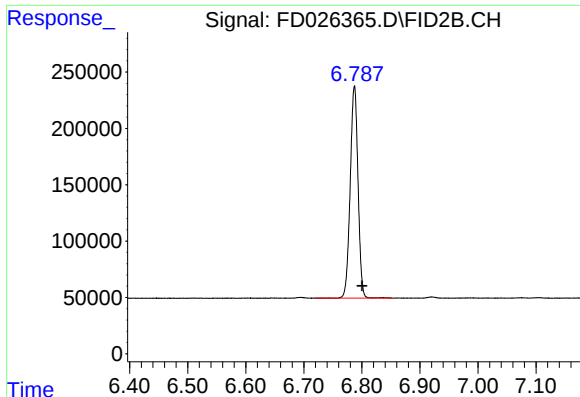
#3 A~Naphthalene (C11.7)

R.T.: 5.735 min  
Delta R.T.: -0.014 min  
Response: 1730876  
Conc: 22.22 ug/ml



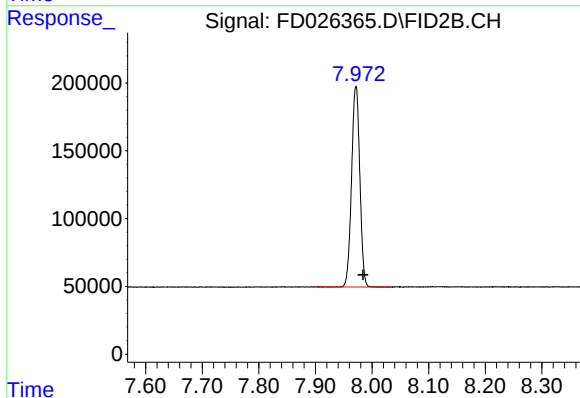
#4 n-Dodecane (C12)

R.T.: 6.185 min  
Delta R.T.: -0.013 min  
Response: 1475353  
Conc: 22.41 ug/ml



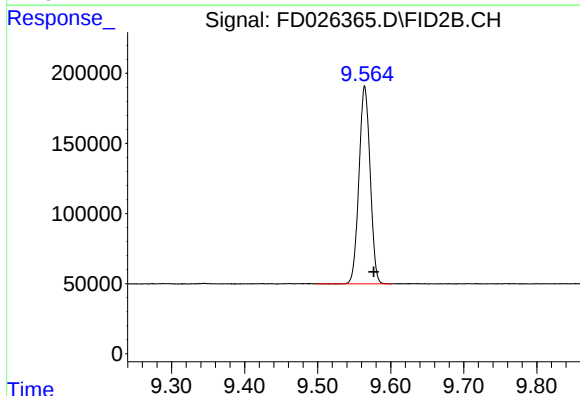
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.787 min  
Delta R.T.: -0.013 min  
Response: 1755778  
Conc: 22.77 ug/ml



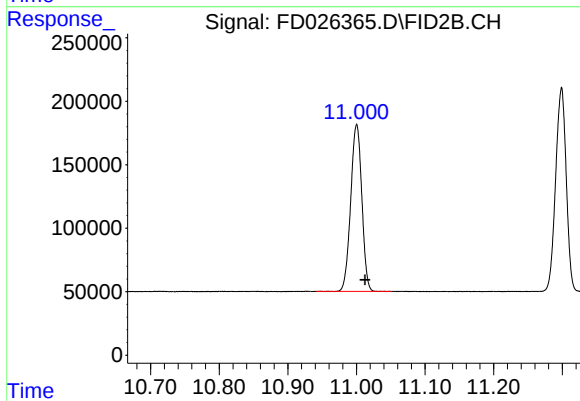
#6 n-Tetradecane (C14)

R.T.: 7.972 min  
Delta R.T.: -0.013 min  
Response: 1498770  
Conc: 23.28 ug/ml



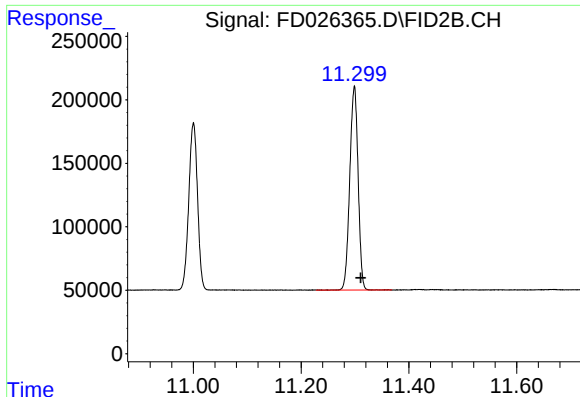
#7 n-Hexadecane (C16)

R.T.: 9.565 min  
Delta R.T.: -0.012 min  
Response: 1496621  
Conc: 23.84 ug/ml



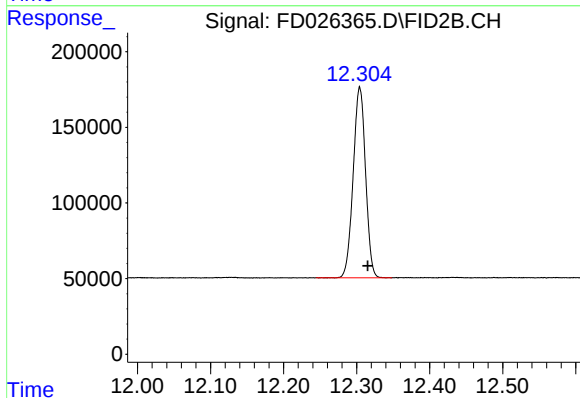
#8 n-Octadecane (C18)

R.T.: 11.000 min  
Delta R.T.: -0.012 min  
Response: 1481561  
Conc: 24.48 ug/ml



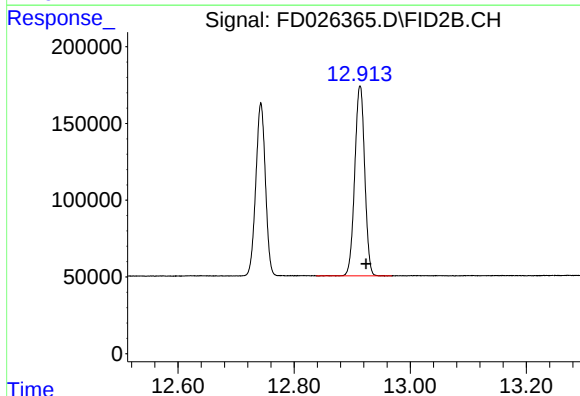
#9 ortho-Terphenyl (SURR)

R.T.: 11.299 min  
Delta R.T.: -0.012 min  
Response: 1723286  
Conc: 23.43 ug/ml



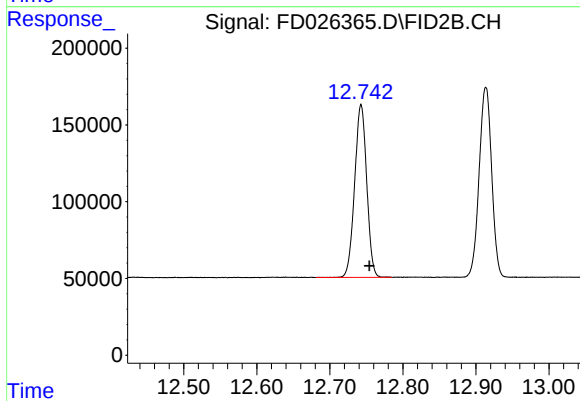
#10 n-Eicosane (C20)

R.T.: 12.304 min  
Delta R.T.: -0.011 min  
Response: 1481474  
Conc: 24.38 ug/ml



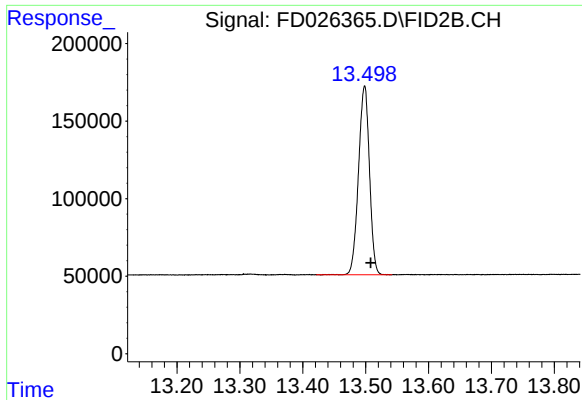
#11 n-Heneicosane (C21)

R.T.: 12.914 min  
Delta R.T.: -0.011 min  
Response: 1471963  
Conc: 24.47 ug/ml



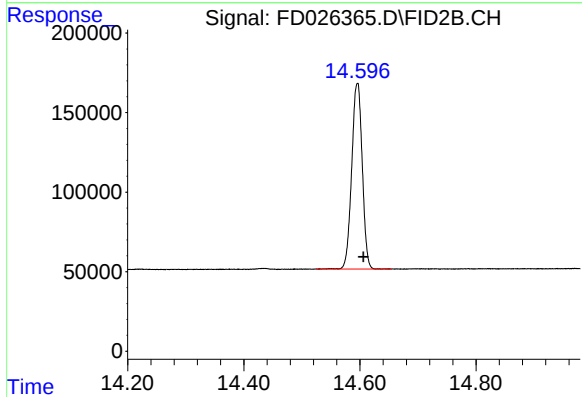
#12 1-chlorooctadecane (SURR)

R.T.: 12.743 min  
Delta R.T.: -0.012 min  
Response: 1288523  
Conc: 24.21 ug/ml



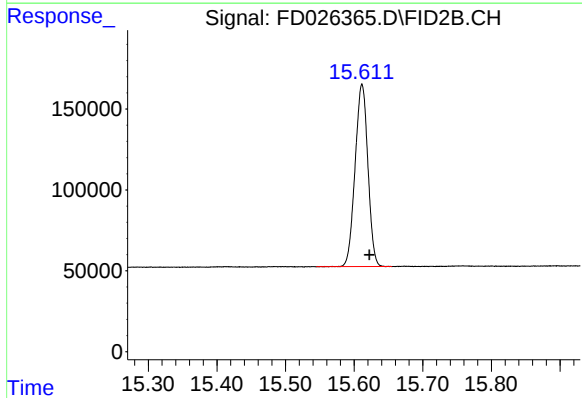
#13 n-Docosane (C22)

R.T.: 13.498 min  
Delta R.T.: -0.010 min  
Response: 1472094  
Conc: 24.51 ug/ml



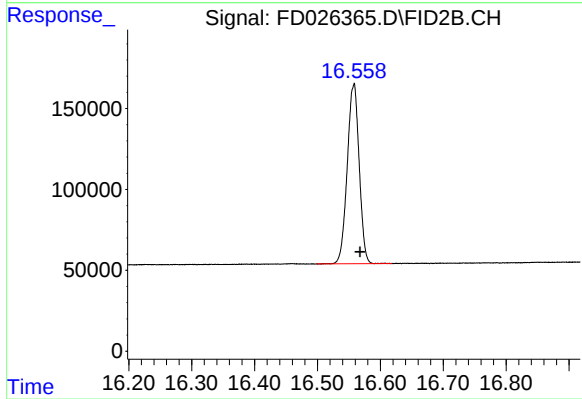
#14 n-Tetracosane (C24)

R.T.: 14.595 min  
Delta R.T.: -0.011 min  
Response: 1470462  
Conc: 24.41 ug/ml



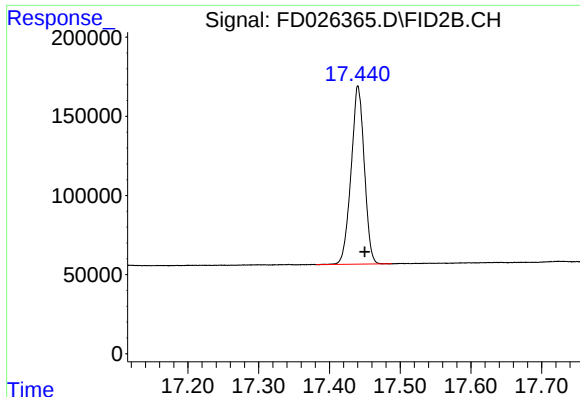
#15 n-Hexacosane (C26)

R.T.: 15.611 min  
Delta R.T.: -0.011 min  
Response: 1460600  
Conc: 24.27 ug/ml



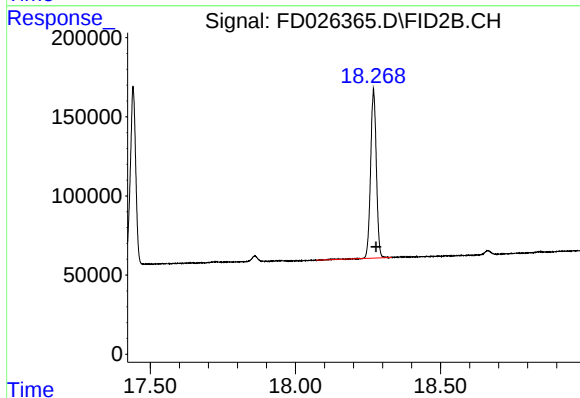
#16 n-Octacosane (C28)

R.T.: 16.558 min  
Delta R.T.: -0.010 min  
Response: 1464832  
Conc: 24.07 ug/ml



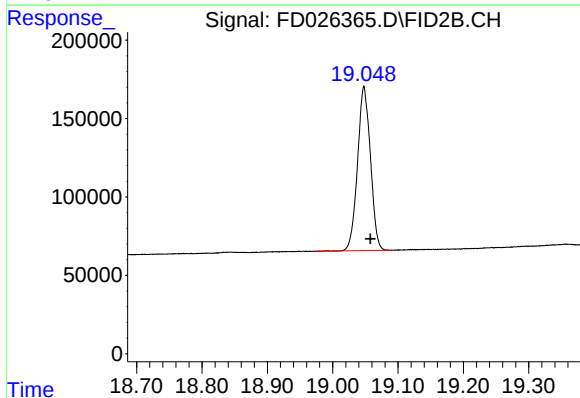
#17 n-Tricontane (C30)

R.T.: 17.441 min  
Delta R.T.: -0.009 min  
Response: 1459134  
Conc: 23.81 ug/ml



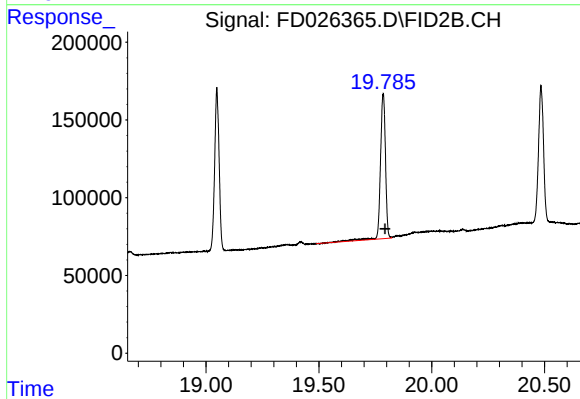
#18 n-Dotriacontane (C32)

R.T.: 18.269 min  
Delta R.T.: -0.009 min  
Response: 1469834  
Conc: 22.21 ug/ml



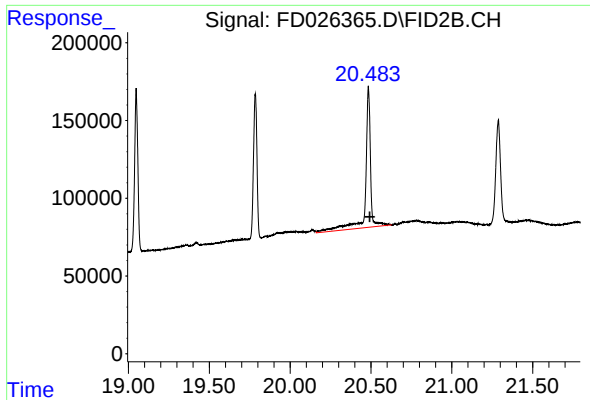
#19 n-Tetratriacontane (C34)

R.T.: 19.048 min  
Delta R.T.: -0.010 min  
Response: 1434919  
Conc: 22.21 ug/ml



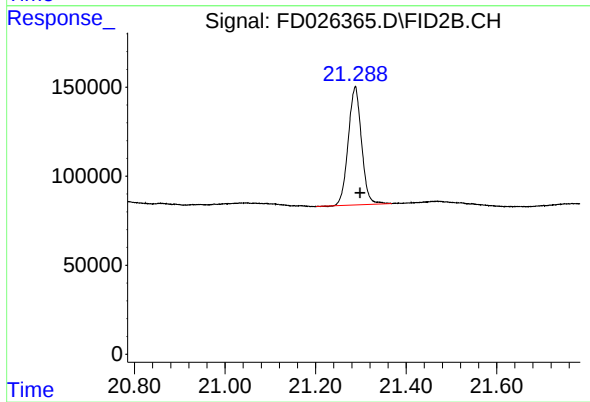
#20 n-Hexatriacontane (C36)

R.T.: 19.785 min  
Delta R.T.: -0.010 min  
Response: 1453181  
Conc: 23.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.484 min  
Delta R.T.: -0.009 min  
Response: 1936136  
Conc: 32.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.287 min  
Delta R.T.: -0.011 min  
Response: 1351003  
Conc: 22.69 ug/ml