

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031720AL\  
 Data File : FD032670.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Mar 2020 16:37  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 18 01:22:24 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 030420.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 05 10:06:03 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)    | 11.511 | 2569116    | 17.910 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.82%       |
| 12) S 1-chlorooctadecane (S... | 12.942 | 1947903    | 17.438 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 2609058    | 20.549 ug/ml |
| 2) T n-Decane (C10)            | 4.379  | 2620587    | 20.577 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.954  | 2830218    | 19.945 ug/ml |
| 4) T n-Dodecane (C12)          | 6.385  | 2632286    | 20.224 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.004  | 2804861    | 19.386 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.170  | 2586029    | 19.649 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.762  | 2519224    | 19.020 ug/ml |
| 8) T n-Octadecane (C18)        | 11.197 | 2450830    | 18.432 ug/ml |
| 10) T n-Eicosane (C20)         | 12.500 | 2364508    | 17.895 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.109 | 2336283    | 17.629 ug/ml |
| 13) T n-Docosane (C22)         | 13.692 | 2274242    | 17.340 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.790 | 2228621    | 17.118 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.806 | 2166332    | 17.006 ug/ml |
| 16) T n-Octacosane (C28)       | 16.751 | 2112058    | 17.076 ug/ml |
| 17) T n-Tricontane (C30)       | 17.634 | 2051775    | 17.429 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.462 | 1769008    | 17.716 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.241 | 1539754    | 18.186 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.977 | 1446071    | 18.594 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.691 | 1395718    | 18.866 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.552 | 1461658    | 18.036 ug/ml |
| -----                          |        |            |              |

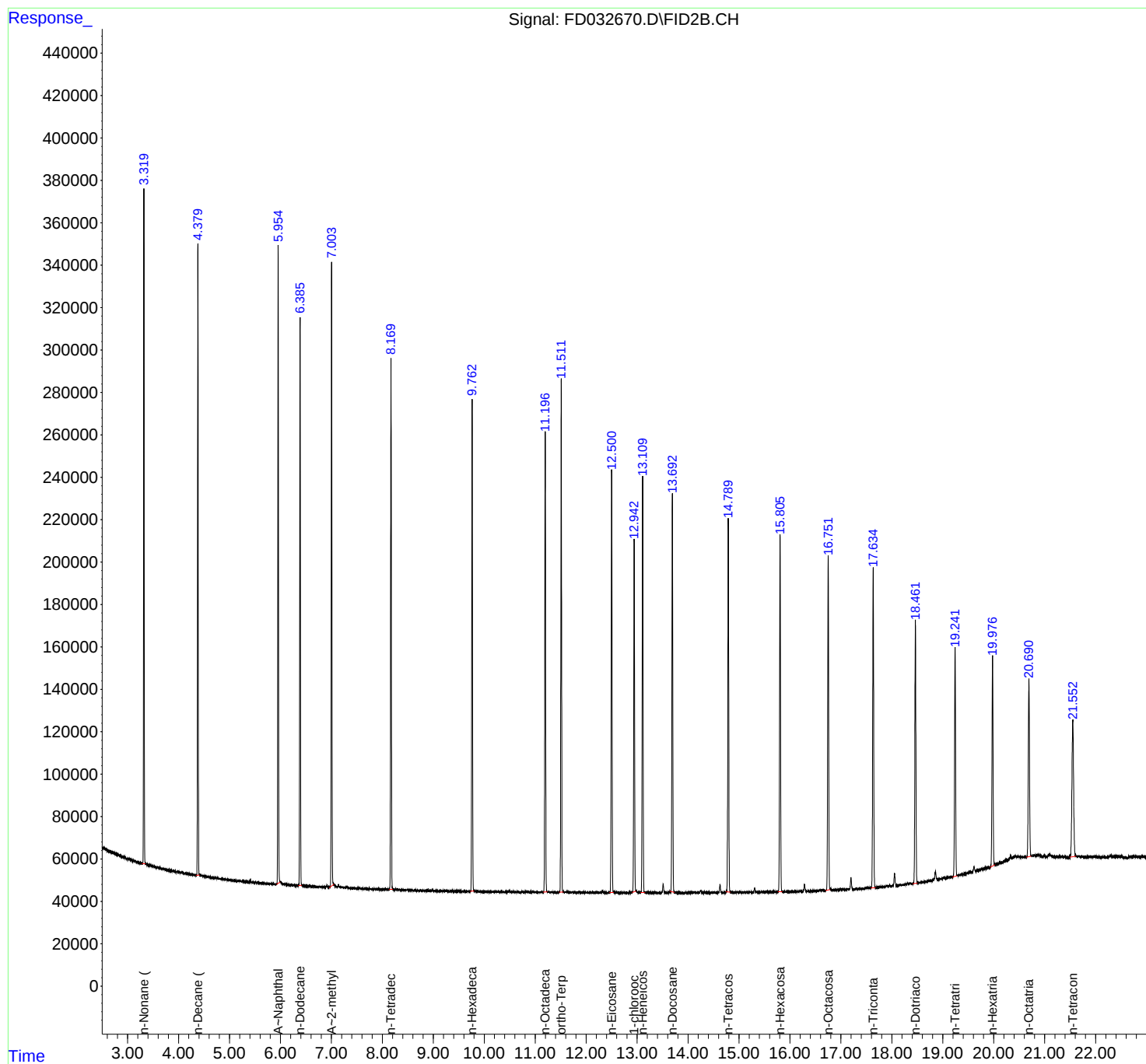
(f)=RT Delta > 1/2 Window

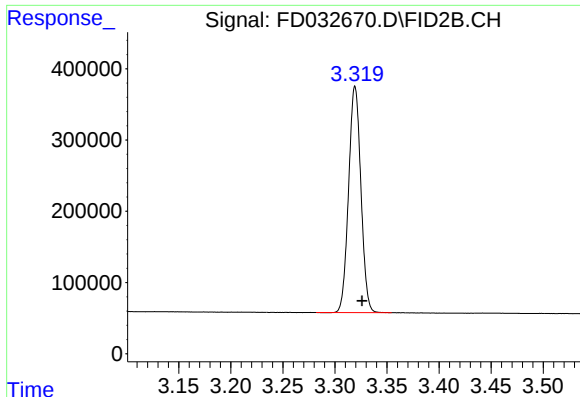
(m)=manual int.

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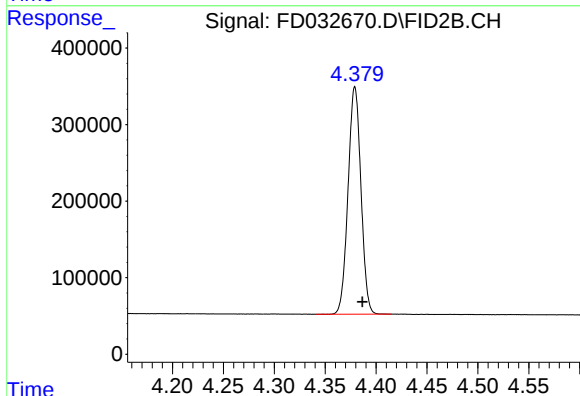
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





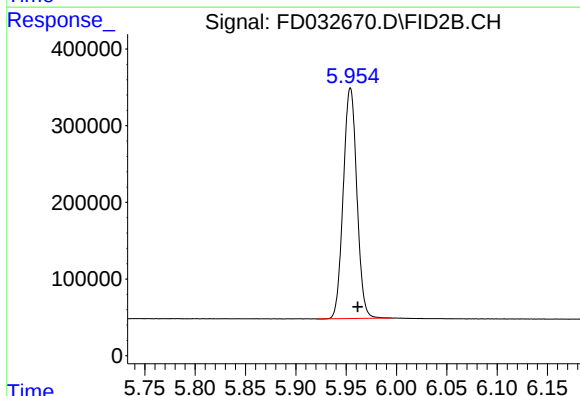
#1 n-Nonane (C9)

R.T.: 3.319 min  
Delta R.T.: -0.007 min  
Response: 2609058  
Conc: 20.55 ug/ml



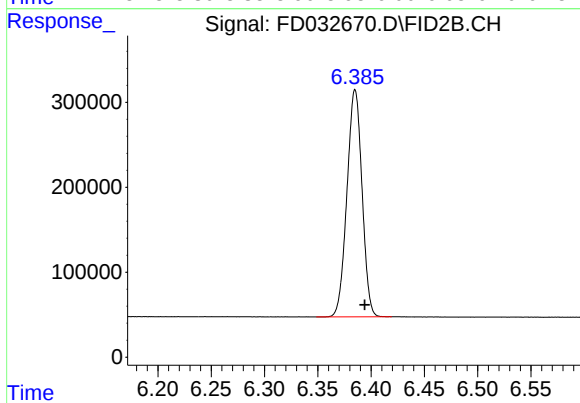
#2 n-Decane (C10)

R.T.: 4.379 min  
Delta R.T.: -0.007 min  
Response: 2620587  
Conc: 20.58 ug/ml



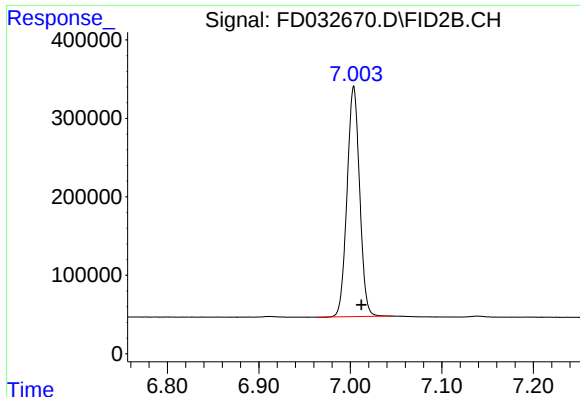
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min  
Delta R.T.: -0.007 min  
Response: 2830218  
Conc: 19.94 ug/ml



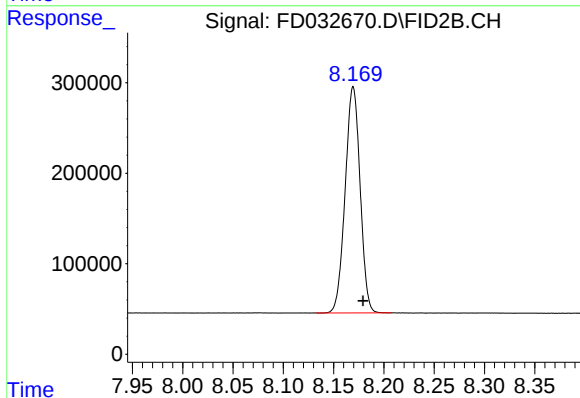
#4 n-Dodecane (C12)

R.T.: 6.385 min  
Delta R.T.: -0.009 min  
Response: 2632286  
Conc: 20.22 ug/ml



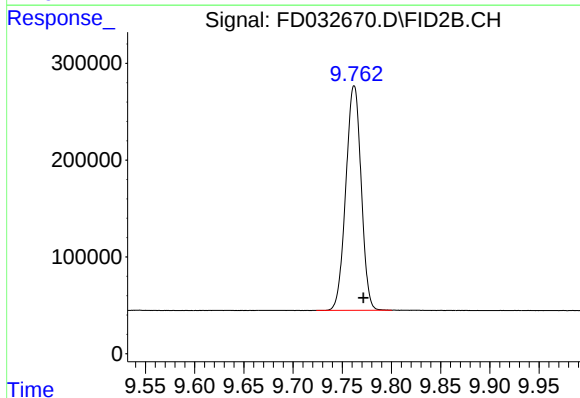
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min  
Delta R.T.: -0.009 min  
Response: 2804861  
Conc: 19.39 ug/ml



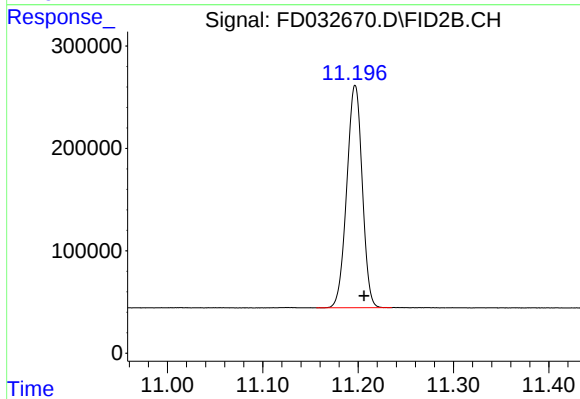
#6 n-Tetradecane (C14)

R.T.: 8.170 min  
Delta R.T.: -0.010 min  
Response: 2586029  
Conc: 19.65 ug/ml



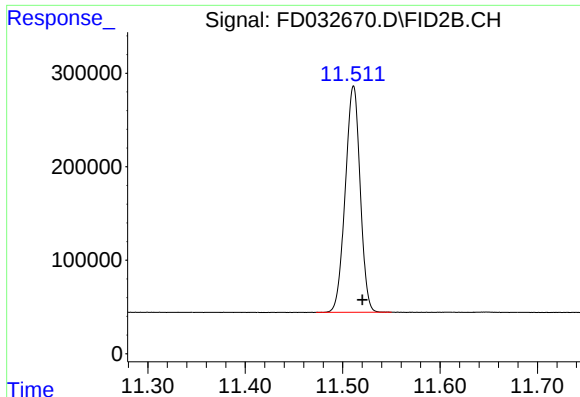
#7 n-Hexadecane (C16)

R.T.: 9.762 min  
Delta R.T.: -0.009 min  
Response: 2519224  
Conc: 19.02 ug/ml



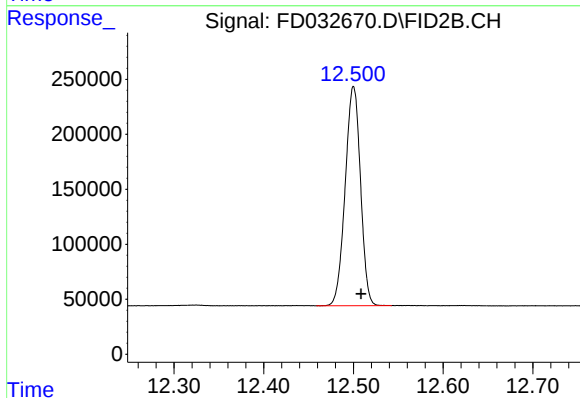
#8 n-Octadecane (C18)

R.T.: 11.197 min  
Delta R.T.: -0.009 min  
Response: 2450830  
Conc: 18.43 ug/ml



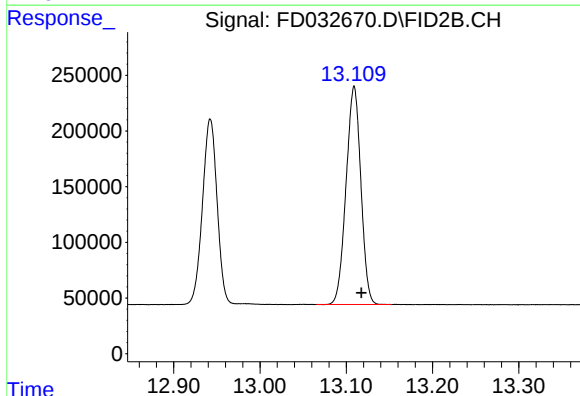
#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min  
Delta R.T.: -0.009 min  
Response: 2569116  
Conc: 17.91 ug/ml



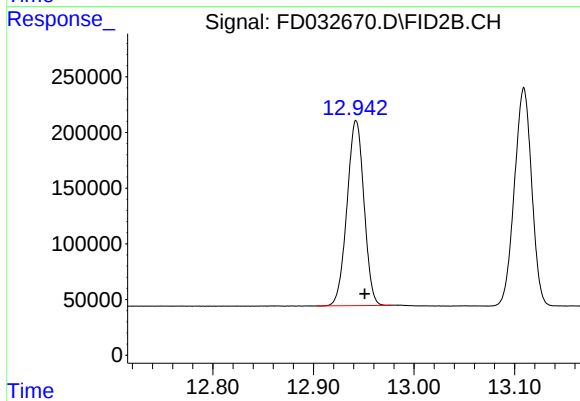
#10 n-Eicosane (C20)

R.T.: 12.500 min  
Delta R.T.: -0.008 min  
Response: 2364508  
Conc: 17.89 ug/ml



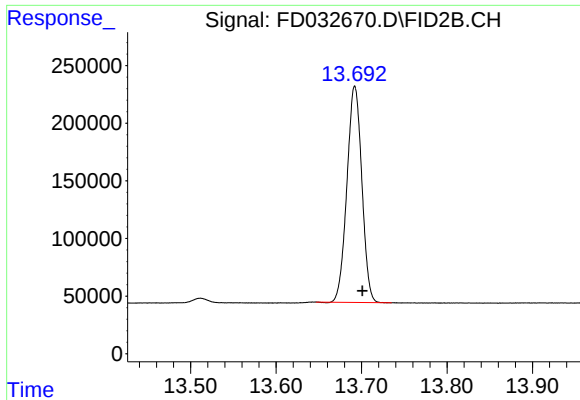
#11 n-Heneicosane (C21)

R.T.: 13.109 min  
Delta R.T.: -0.008 min  
Response: 2336283  
Conc: 17.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min  
Delta R.T.: -0.008 min  
Response: 1947903  
Conc: 17.44 ug/ml



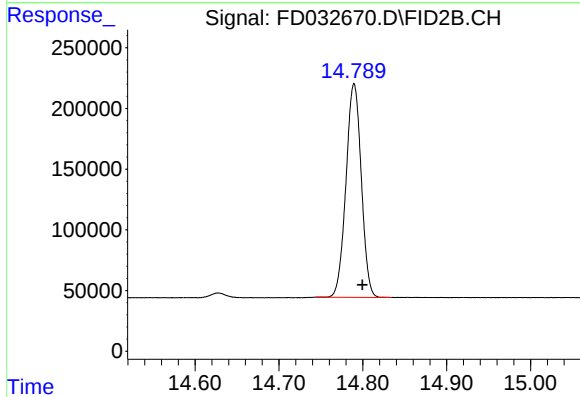
#13 n-Docosane (C22)

R.T.: 13.692 min

Delta R.T.: -0.009 min

Response: 2274242

Conc: 17.34 ug/ml



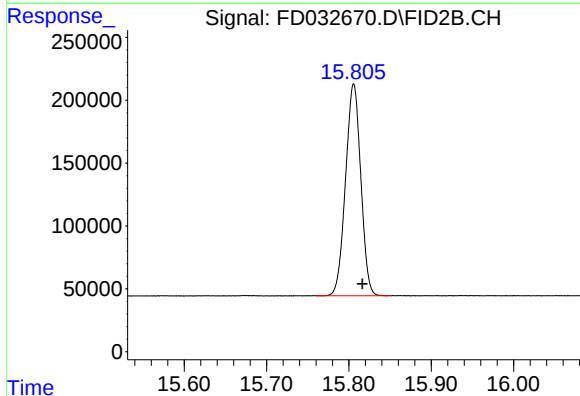
#14 n-Tetracosane (C24)

R.T.: 14.790 min

Delta R.T.: -0.010 min

Response: 2228621

Conc: 17.12 ug/ml



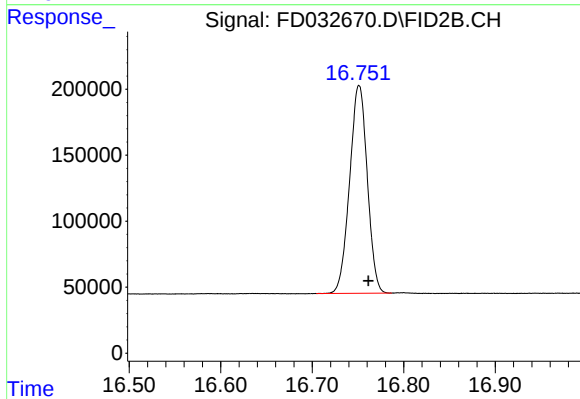
#15 n-Hexacosane (C26)

R.T.: 15.806 min

Delta R.T.: -0.010 min

Response: 2166332

Conc: 17.01 ug/ml



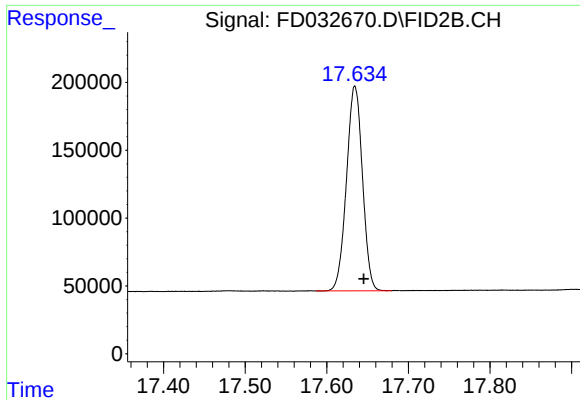
#16 n-Octacosane (C28)

R.T.: 16.751 min

Delta R.T.: -0.010 min

Response: 2112058

Conc: 17.08 ug/ml



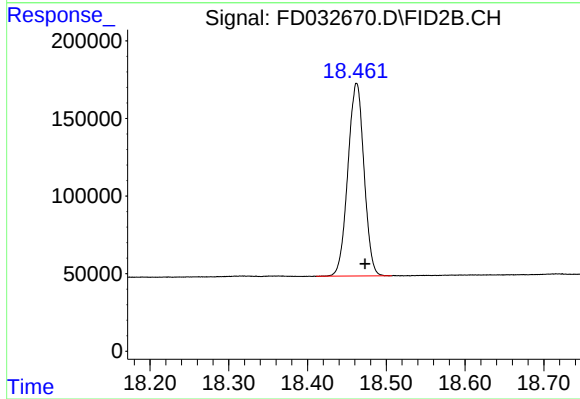
#17 n-Tricontane (C30)

R.T.: 17.634 min

Delta R.T.: -0.011 min

Response: 2051775

Conc: 17.43 ug/ml



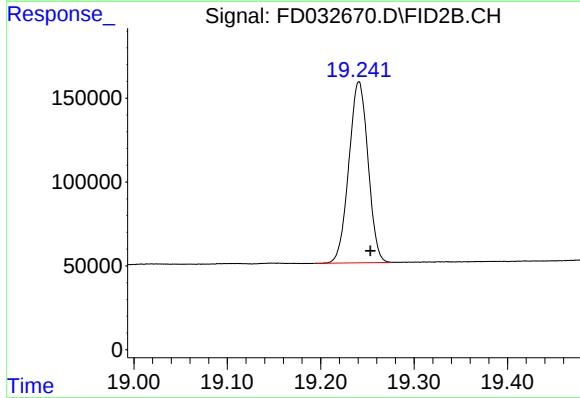
#18 n-Dotriacontane (C32)

R.T.: 18.462 min

Delta R.T.: -0.011 min

Response: 1769008

Conc: 17.72 ug/ml



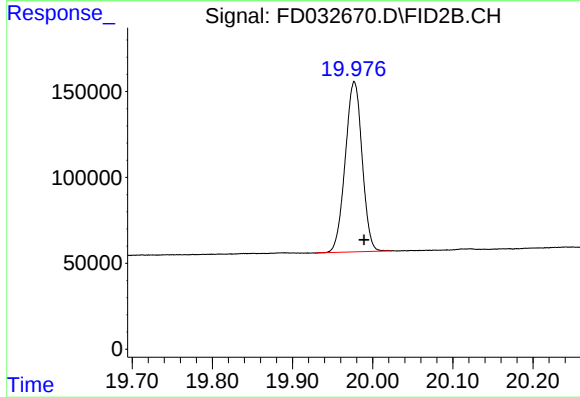
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min

Delta R.T.: -0.012 min

Response: 1539754

Conc: 18.19 ug/ml



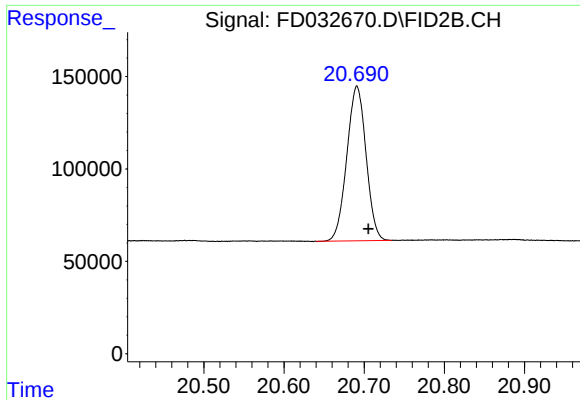
#20 n-Hexatriacontane (C36)

R.T.: 19.977 min

Delta R.T.: -0.012 min

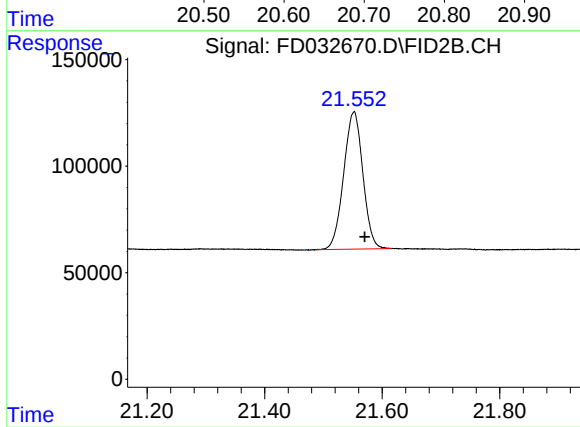
Response: 1446071

Conc: 18.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.691 min  
Delta R.T.: -0.014 min  
Response: 1395718  
Conc: 18.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.552 min  
Delta R.T.: -0.018 min  
Response: 1461658  
Conc: 18.04 ug/ml