

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122821AL\  
 Data File : FD040222.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Dec 2021 17:41  
 Operator : AJ\MA  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 29 02:19:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 122821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 29 02:17:42 2021  
 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)    | 10.718 | 1566233    | 9.719 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 19.44%       |
| 12) S 1-chlorooctadecane (S... | 12.153 | 1212395    | 9.737 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 19.47%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.640  | 1321026    | 9.700 ug/ml  |
| 2) T n-Decane (C10)            | 3.635  | 1329964    | 9.675 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.177  | 1479722    | 9.656 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.610  | 1331060    | 9.661 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.219  | 1485295    | 9.652 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.389  | 1388647    | 9.753 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.979  | 1375519    | 9.686 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.411 | 1417239    | 9.679 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.713 | 1407186    | 9.732 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.322 | 1429214    | 9.797 ug/ml  |
| 13) T n-Docosane (C22)         | 12.905 | 1417723    | 9.786 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.002 | 1419189    | 9.798 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.018 | 1390149    | 9.820 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.963 | 1380851    | 9.884 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.847 | 1423626    | 10.473 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.677 | 1645507    | 13.219 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.456 | 1721138    | 15.316 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.194 | 1513860    | 15.279 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.897 | 1227752    | 13.940 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.730 | 965798     | 13.009 ug/ml |
| -----                          |        |            |              |

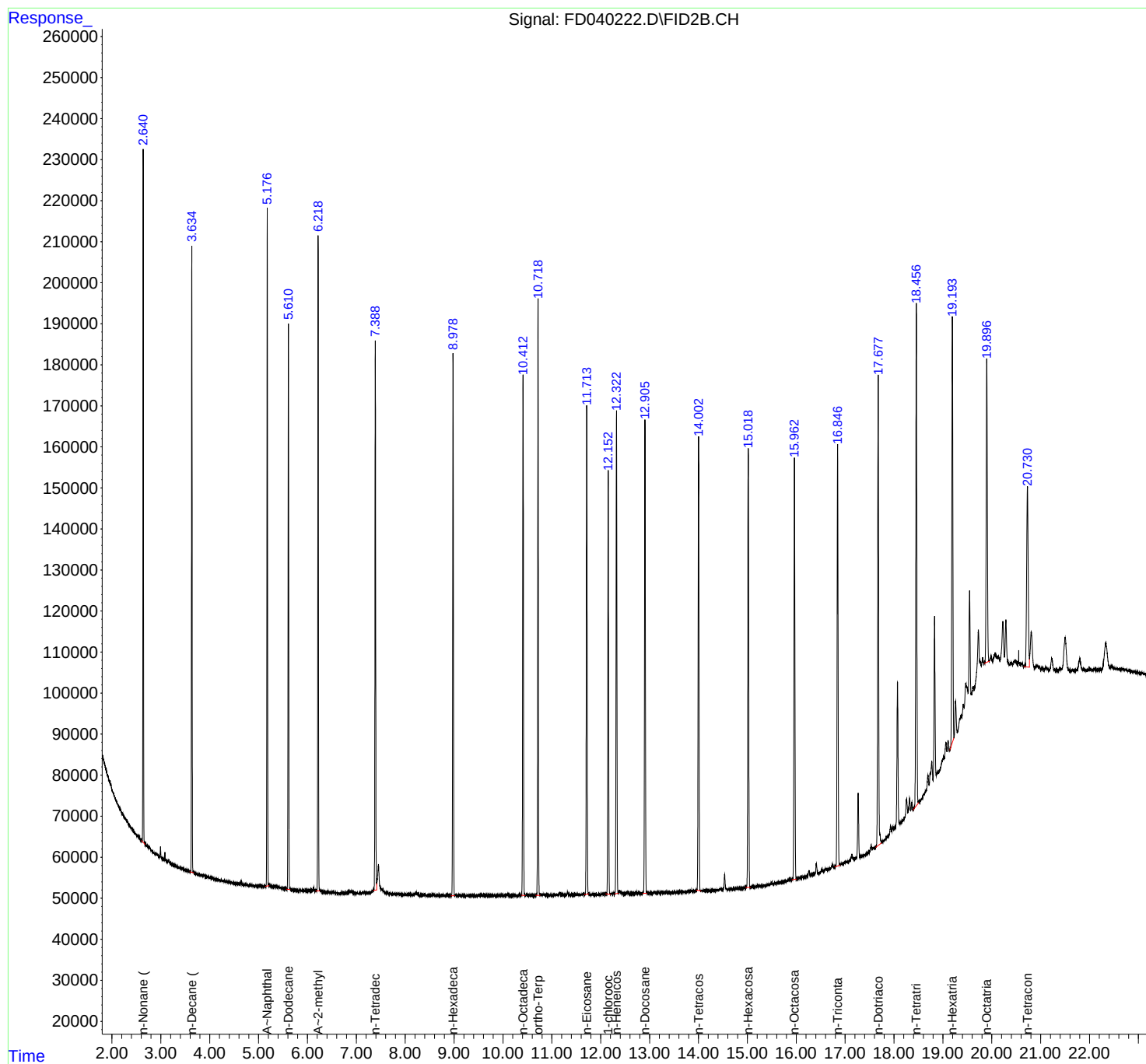
(f)=RT Delta > 1/2 Window

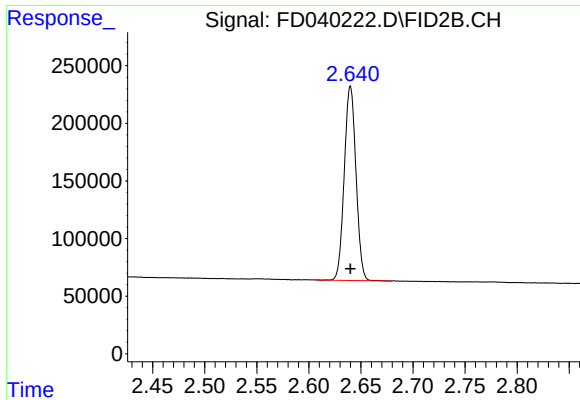
(m)=manual int.

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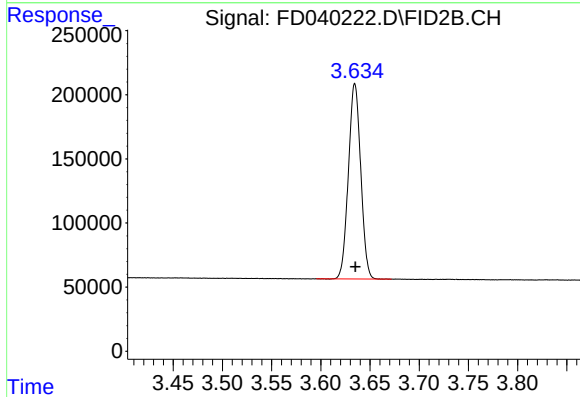
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





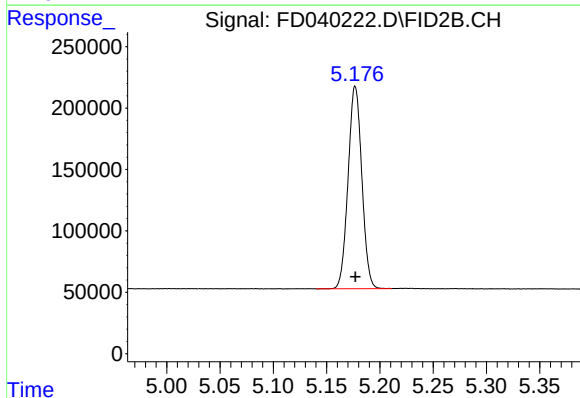
#1 n-Nonane (C9)

R.T.: 2.640 min  
Delta R.T.: 0.000 min  
Response: 1321026  
Conc: 9.70 ug/ml



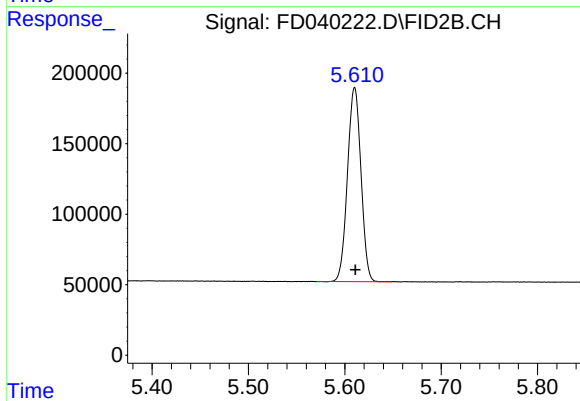
#2 n-Decane (C10)

R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 1329964  
Conc: 9.67 ug/ml



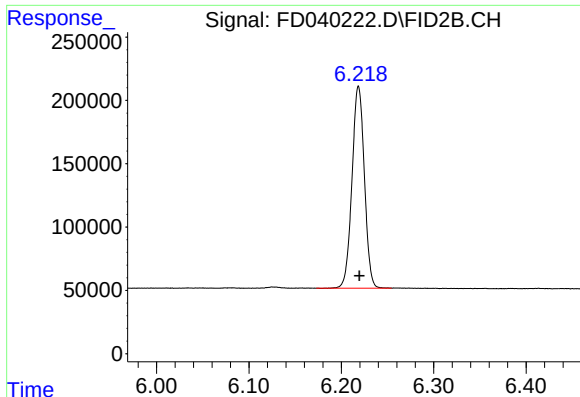
#3 A~Naphthalene (C11.7)

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 1479722  
Conc: 9.66 ug/ml



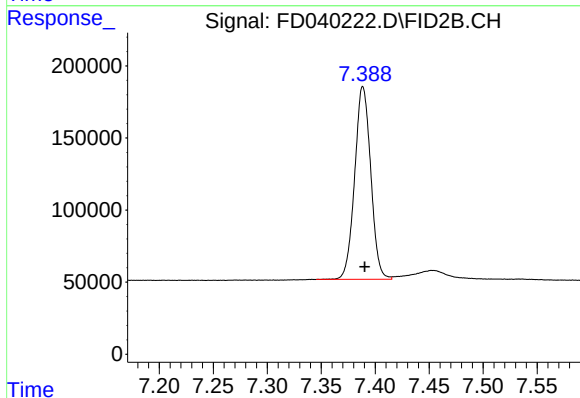
#4 n-Dodecane (C12)

R.T.: 5.610 min  
Delta R.T.: 0.000 min  
Response: 1331060  
Conc: 9.66 ug/ml



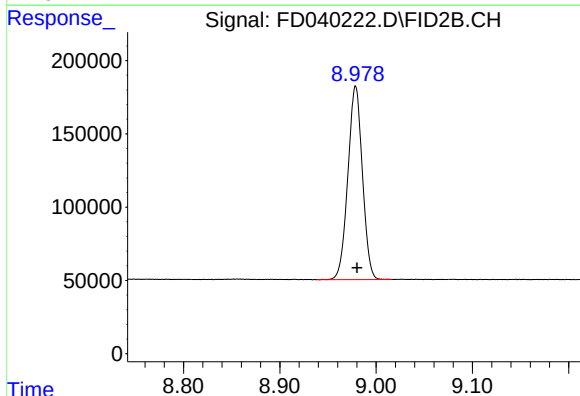
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.219 min  
Delta R.T.: 0.000 min  
Response: 1485295  
Conc: 9.65 ug/ml



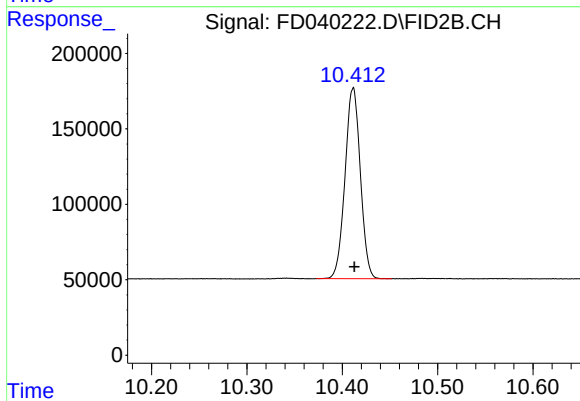
#6 n-Tetradecane (C14)

R.T.: 7.389 min  
Delta R.T.: -0.002 min  
Response: 1388647  
Conc: 9.75 ug/ml



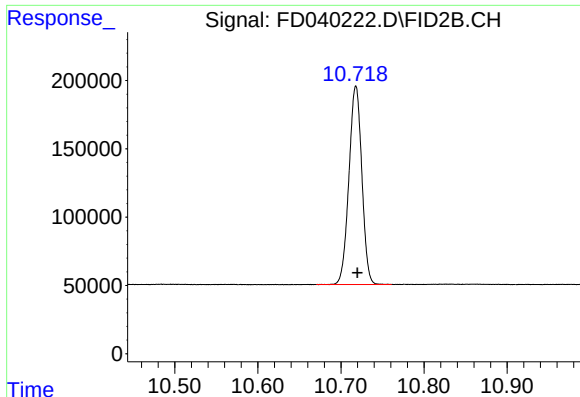
#7 n-Hexadecane (C16)

R.T.: 8.979 min  
Delta R.T.: -0.001 min  
Response: 1375519  
Conc: 9.69 ug/ml



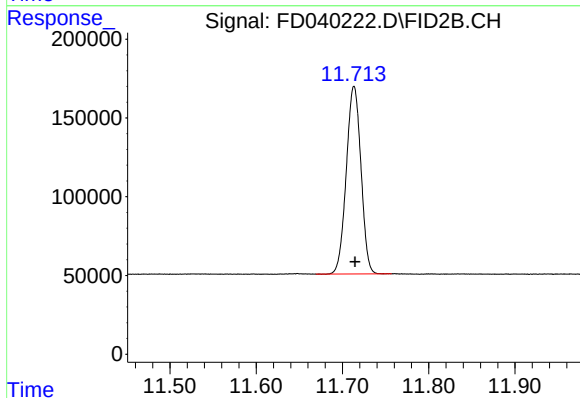
#8 n-Octadecane (C18)

R.T.: 10.411 min  
Delta R.T.: -0.001 min  
Response: 1417239  
Conc: 9.68 ug/ml



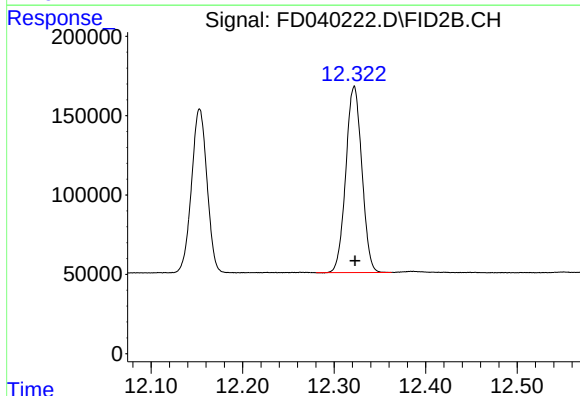
#9 ortho-Terphenyl (SURR)

R.T.: 10.718 min  
Delta R.T.: -0.002 min  
Response: 1566233  
Conc: 9.72 ug/ml



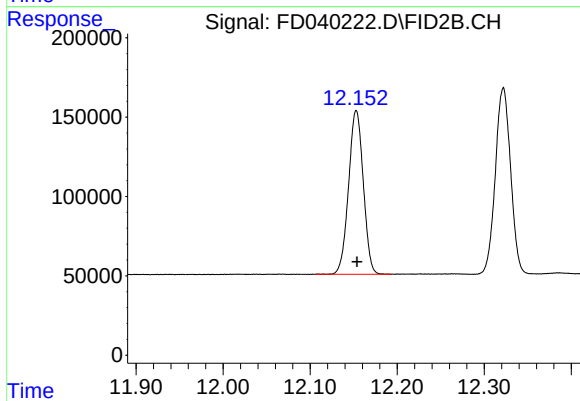
#10 n-Eicosane (C20)

R.T.: 11.713 min  
Delta R.T.: -0.001 min  
Response: 1407186  
Conc: 9.73 ug/ml



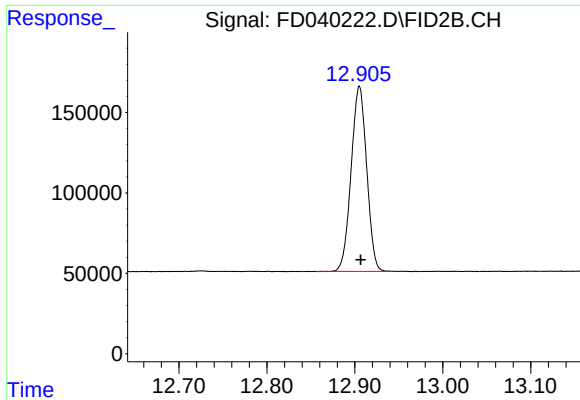
#11 n-Heneicosane (C21)

R.T.: 12.322 min  
Delta R.T.: -0.001 min  
Response: 1429214  
Conc: 9.80 ug/ml



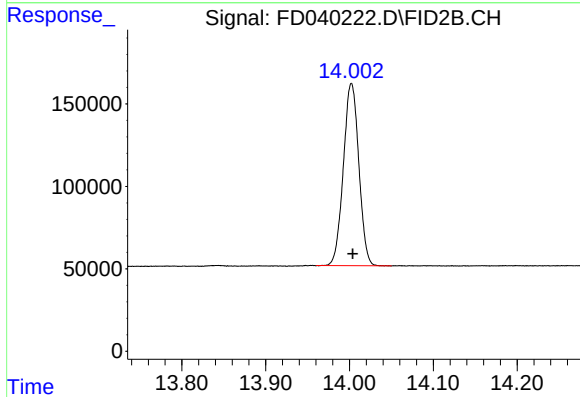
#12 1-chlorooctadecane (SURR)

R.T.: 12.153 min  
Delta R.T.: 0.000 min  
Response: 1212395  
Conc: 9.74 ug/ml



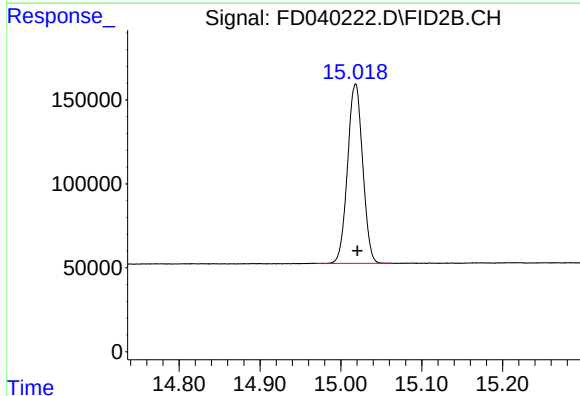
#13 n-Docosane (C22)

R.T.: 12.905 min  
Delta R.T.: -0.001 min  
Response: 1417723  
Conc: 9.79 ug/ml



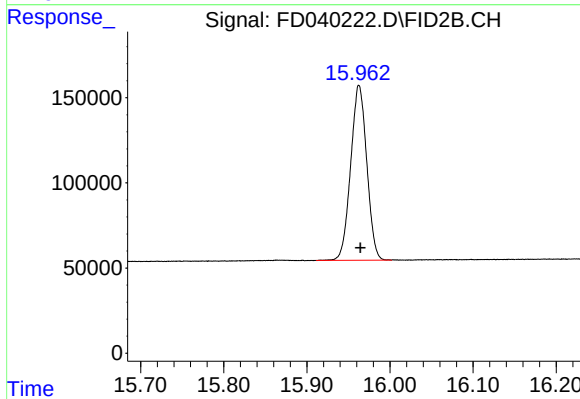
#14 n-Tetracosane (C24)

R.T.: 14.002 min  
Delta R.T.: -0.001 min  
Response: 1419189  
Conc: 9.80 ug/ml



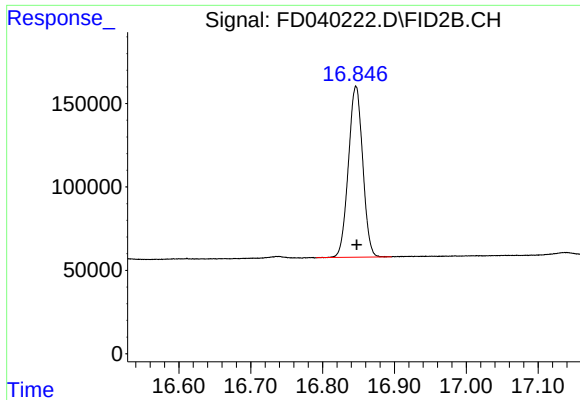
#15 n-Hexacosane (C26)

R.T.: 15.018 min  
Delta R.T.: -0.002 min  
Response: 1390149  
Conc: 9.82 ug/ml



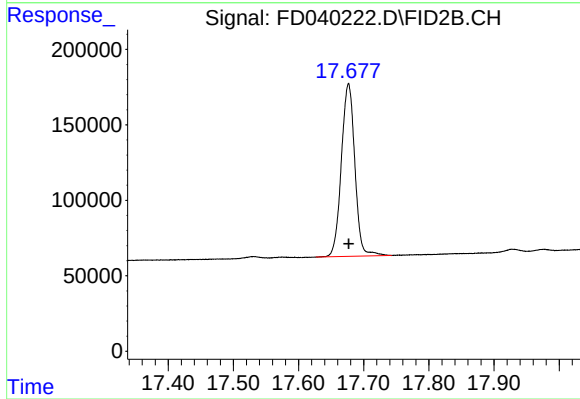
#16 n-Octacosane (C28)

R.T.: 15.963 min  
Delta R.T.: -0.002 min  
Response: 1380851  
Conc: 9.88 ug/ml



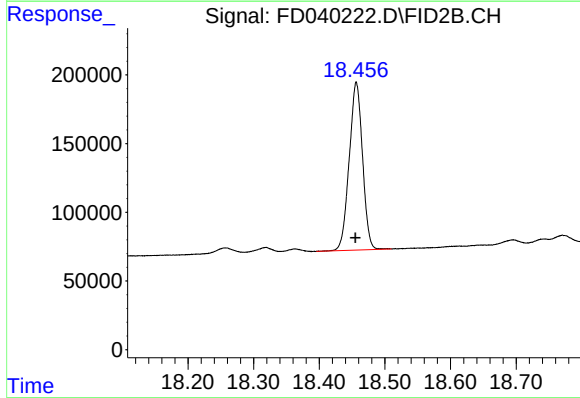
#17 n-Tricontane (C30)

R.T.: 16.847 min  
Delta R.T.: -0.001 min  
Response: 1423626  
Conc: 10.47 ug/ml



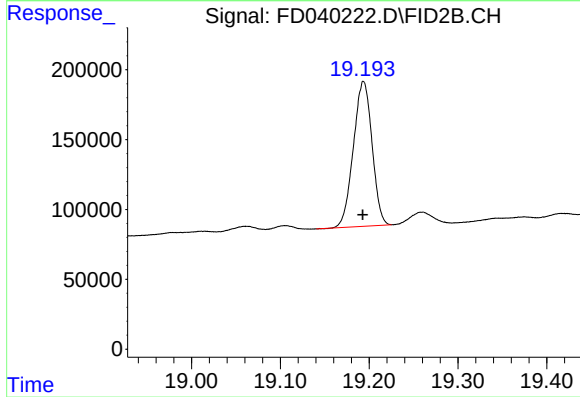
#18 n-Dotriacontane (C32)

R.T.: 17.677 min  
Delta R.T.: 0.000 min  
Response: 1645507  
Conc: 13.22 ug/ml



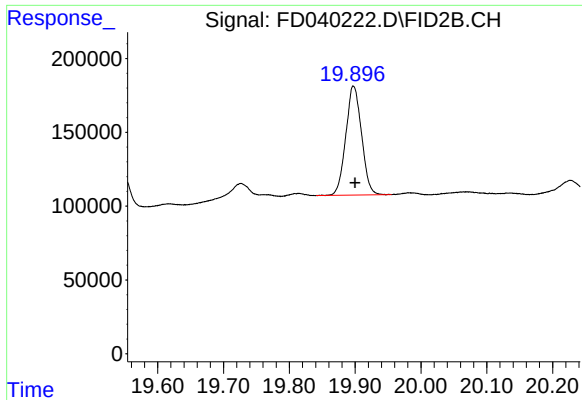
#19 n-Tetratriacontane (C34)

R.T.: 18.456 min  
Delta R.T.: 0.001 min  
Response: 1721138  
Conc: 15.32 ug/ml



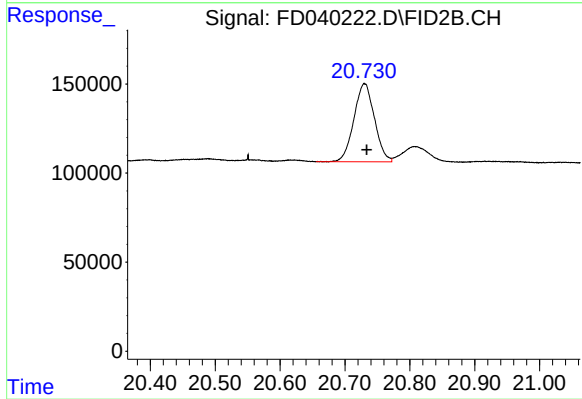
#20 n-Hexatriacontane (C36)

R.T.: 19.194 min  
Delta R.T.: 0.000 min  
Response: 1513860  
Conc: 15.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min  
Delta R.T.: -0.002 min  
Response: 1227752  
Conc: 13.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.730 min  
Delta R.T.: -0.004 min  
Response: 965798  
Conc: 13.01 ug/ml