

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120619AL\  
 Data File : FD031790.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Dec 2019 1:00  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 06 04:14:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 120619.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Dec 06 04:12:44 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)    | 11.543 | 738788     | 5.049 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.10%      |
| 12) S 1-chlorooctadecane (S... | 12.973 | 578143     | 5.042 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 10.08%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.344  | 646048     | 5.061 ug/ml |
| 2) T n-Decane (C10)            | 4.406  | 648364     | 5.050 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.985  | 731634     | 5.063 ug/ml |
| 4) T n-Dodecane (C12)          | 6.415  | 659346     | 5.063 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.035  | 734567     | 5.025 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.201  | 670269     | 5.060 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.793  | 673828     | 5.022 ug/ml |
| 8) T n-Octadecane (C18)        | 11.227 | 683994     | 5.059 ug/ml |
| 10) T n-Eicosane (C20)         | 12.530 | 686148     | 5.070 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.139 | 692438     | 5.083 ug/ml |
| 13) T n-Docosane (C22)         | 13.722 | 688215     | 5.082 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.819 | 690634     | 5.090 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.834 | 674249     | 5.091 ug/ml |
| 16) T n-Octacosane (C28)       | 16.777 | 652026     | 5.097 ug/ml |
| 17) T n-Tricontane (C30)       | 17.660 | 607853     | 5.102 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.486 | 496081     | 5.109 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.266 | 401578     | 5.045 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.000 | 367616     | 5.230 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.717 | 334218     | 5.172 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.586 | 358509     | 5.348 ug/ml |
| -----                          |        |            |             |

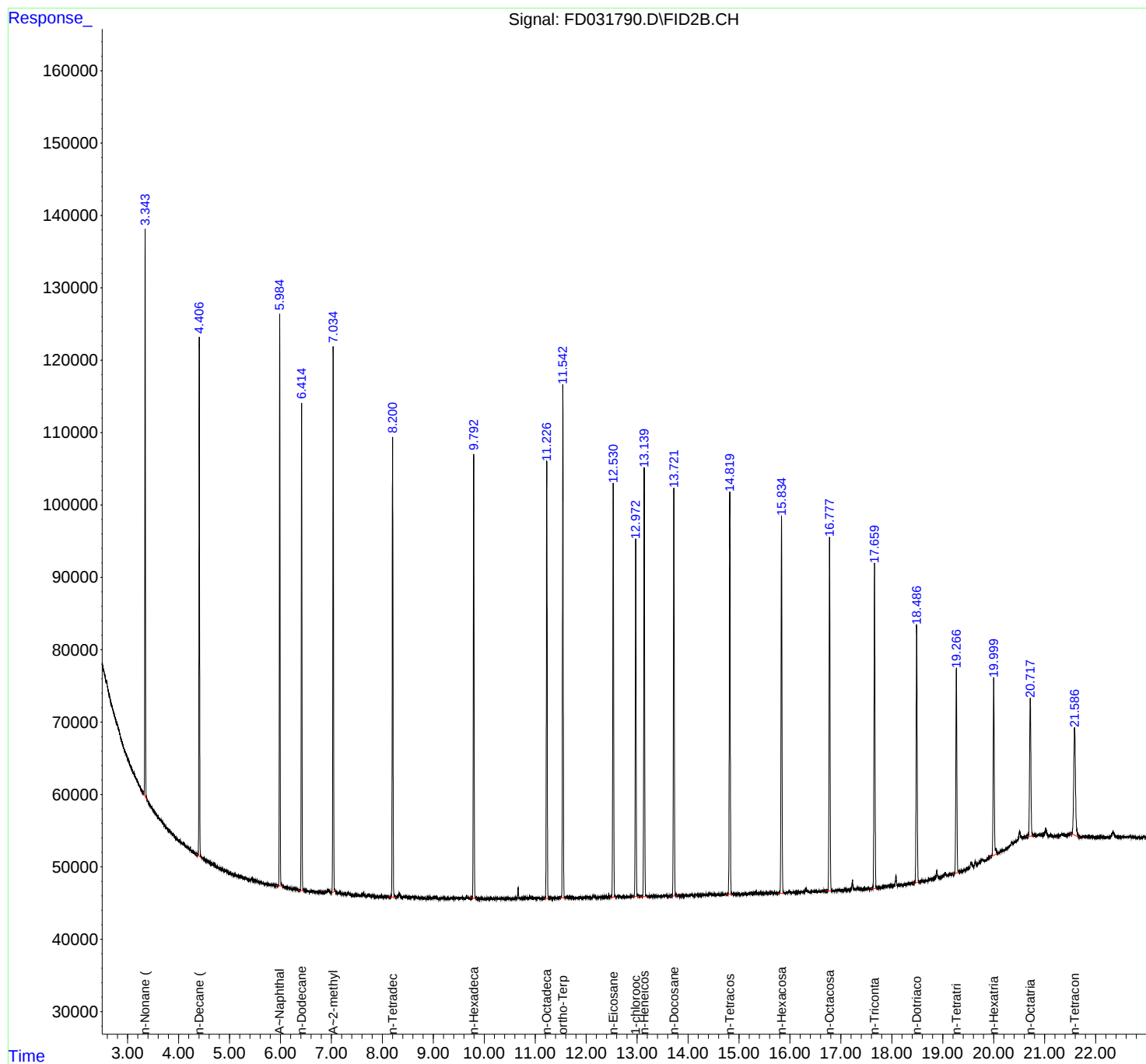
(f)=RT Delta > 1/2 Window

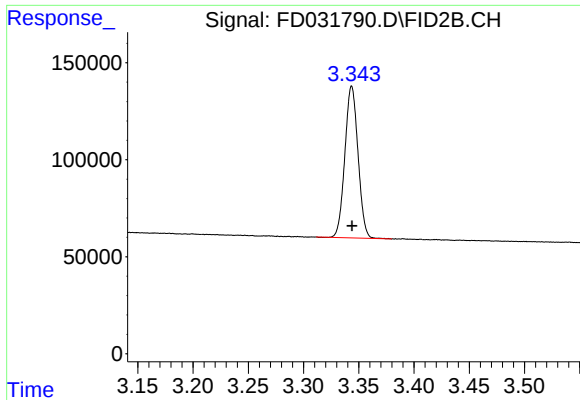
(m)=manual int.

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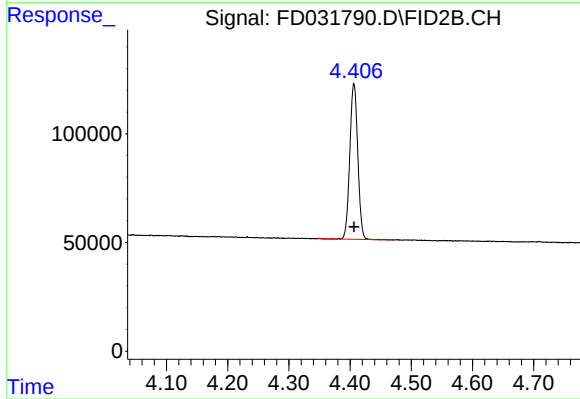
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





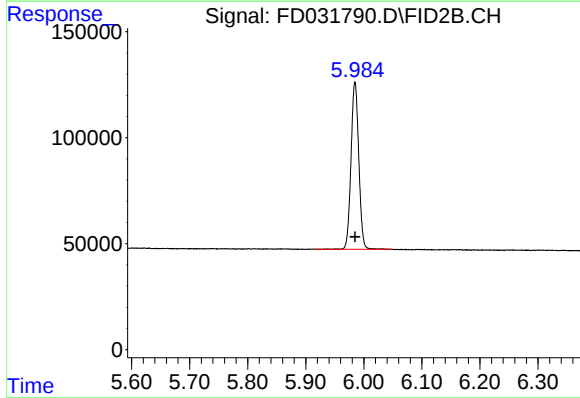
#1 n-Nonane (C9)

R.T.: 3.344 min  
Delta R.T.: 0.000 min  
Response: 646048  
Conc: 5.06 ug/ml



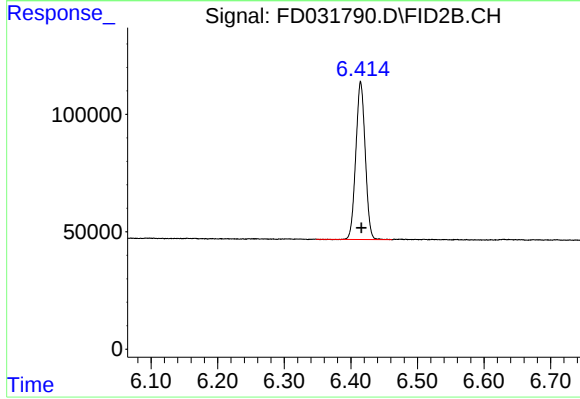
#2 n-Decane (C10)

R.T.: 4.406 min  
Delta R.T.: 0.000 min  
Response: 648364  
Conc: 5.05 ug/ml



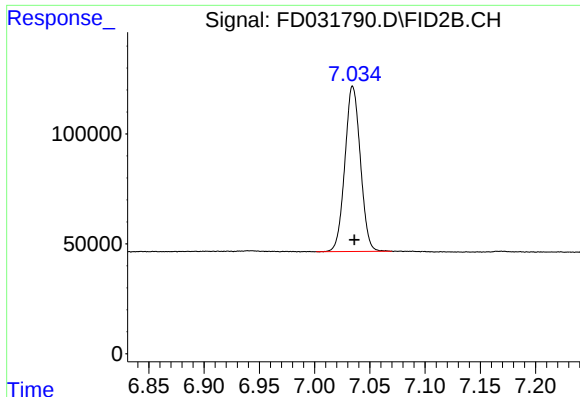
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min  
Delta R.T.: 0.000 min  
Response: 731634  
Conc: 5.06 ug/ml



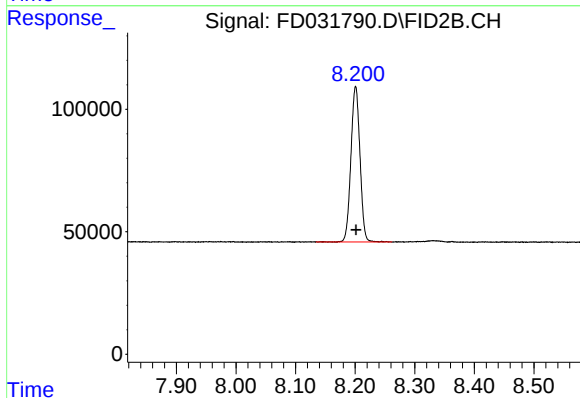
#4 n-Dodecane (C12)

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 659346  
Conc: 5.06 ug/ml



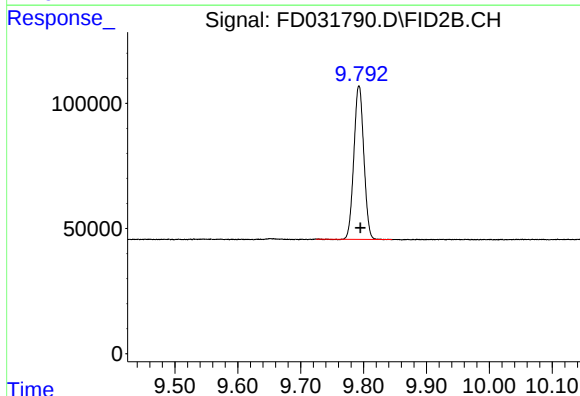
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min  
Delta R.T.: -0.001 min  
Response: 734567  
Conc: 5.02 ug/ml



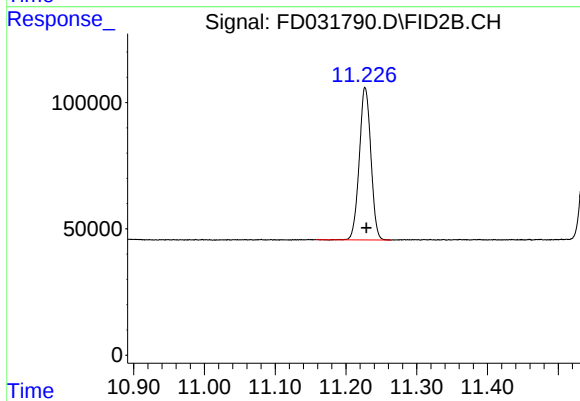
#6 n-Tetradecane (C14)

R.T.: 8.201 min  
Delta R.T.: 0.000 min  
Response: 670269  
Conc: 5.06 ug/ml



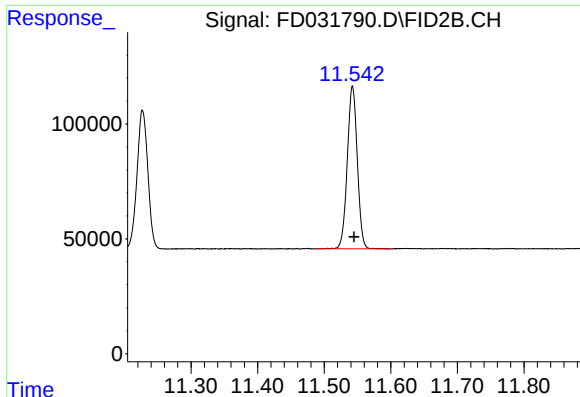
#7 n-Hexadecane (C16)

R.T.: 9.793 min  
Delta R.T.: -0.002 min  
Response: 673828  
Conc: 5.02 ug/ml



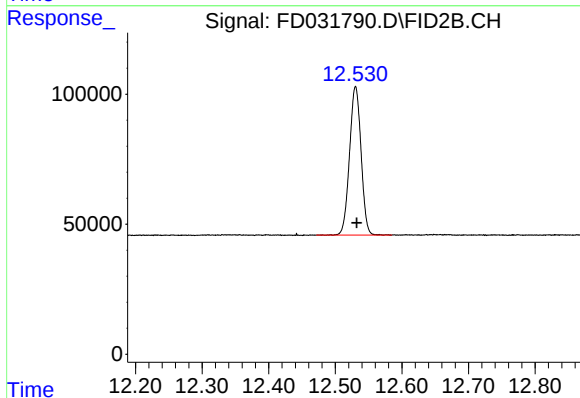
#8 n-Octadecane (C18)

R.T.: 11.227 min  
Delta R.T.: -0.001 min  
Response: 683994  
Conc: 5.06 ug/ml



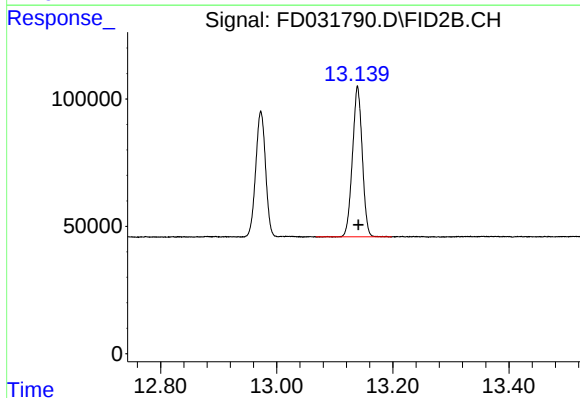
#9 ortho-Terphenyl (SURR)

R.T.: 11.543 min  
Delta R.T.: -0.002 min  
Response: 738788  
Conc: 5.05 ug/ml



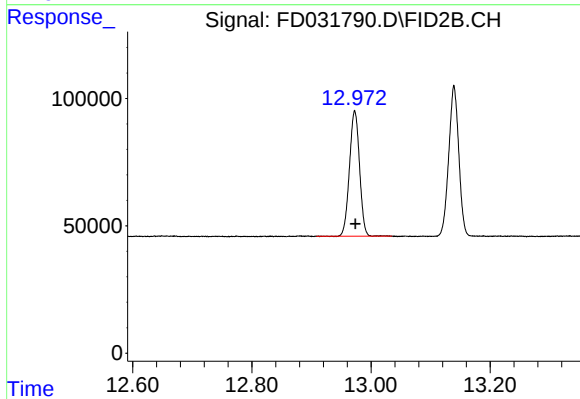
#10 n-Eicosane (C20)

R.T.: 12.530 min  
Delta R.T.: -0.001 min  
Response: 686148  
Conc: 5.07 ug/ml



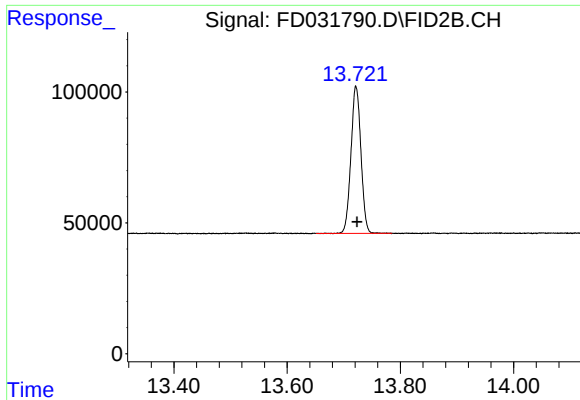
#11 n-Heneicosane (C21)

R.T.: 13.139 min  
Delta R.T.: -0.001 min  
Response: 692438  
Conc: 5.08 ug/ml



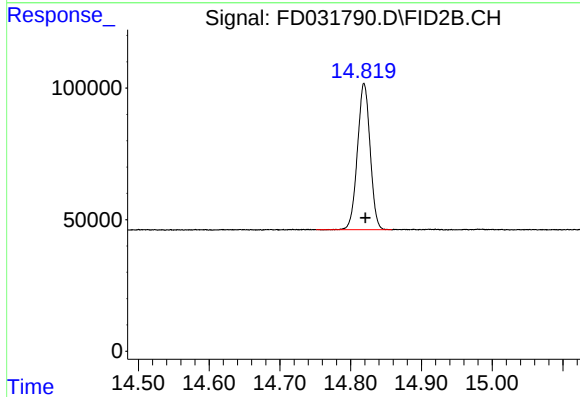
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min  
Delta R.T.: 0.000 min  
Response: 578143  
Conc: 5.04 ug/ml



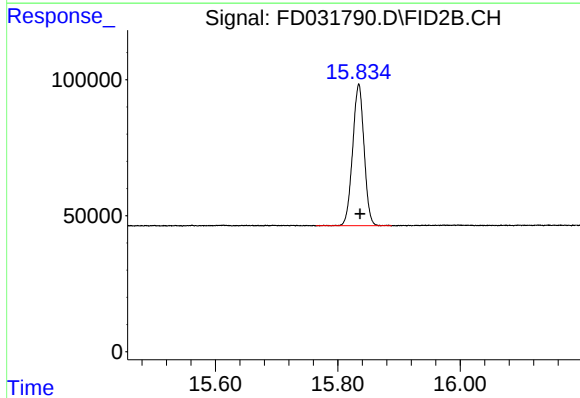
#13 n-Docosane (C22)

R.T.: 13.722 min  
Delta R.T.: -0.002 min  
Response: 688215  
Conc: 5.08 ug/ml



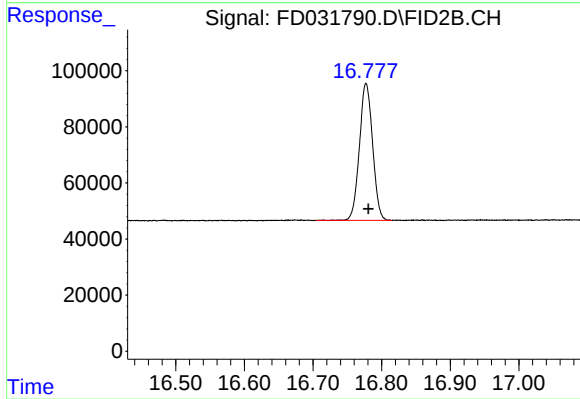
#14 n-Tetracosane (C24)

R.T.: 14.819 min  
Delta R.T.: -0.002 min  
Response: 690634  
Conc: 5.09 ug/ml



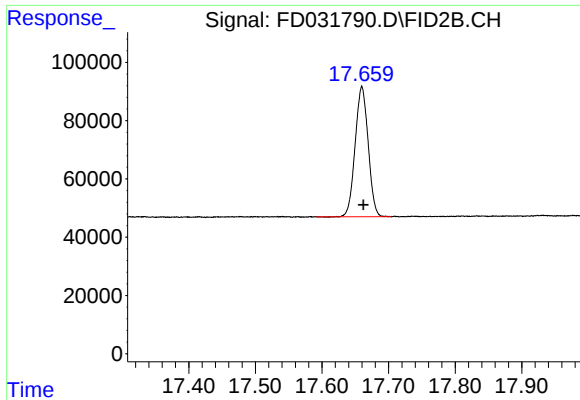
#15 n-Hexacosane (C26)

R.T.: 15.834 min  
Delta R.T.: -0.002 min  
Response: 674249  
Conc: 5.09 ug/ml



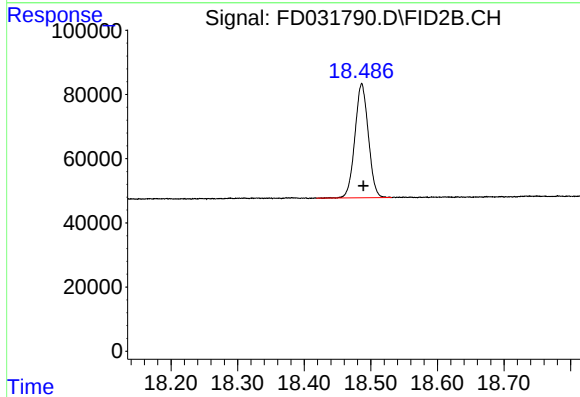
#16 n-Octacosane (C28)

R.T.: 16.777 min  
Delta R.T.: -0.003 min  
Response: 652026  
Conc: 5.10 ug/ml



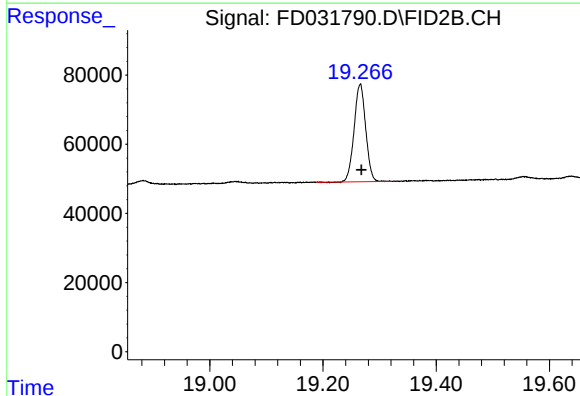
#17 n-Tricontane (C30)

R.T.: 17.660 min  
Delta R.T.: -0.002 min  
Response: 607853  
Conc: 5.10 ug/ml



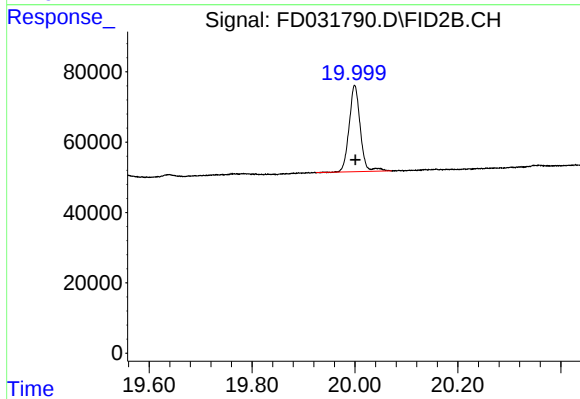
#18 n-Dotriacontane (C32)

R.T.: 18.486 min  
Delta R.T.: -0.002 min  
Response: 496081  
Conc: 5.11 ug/ml



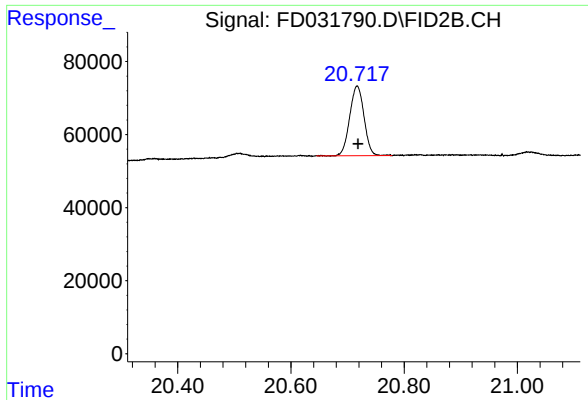
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min  
Delta R.T.: -0.002 min  
Response: 401578  
Conc: 5.04 ug/ml



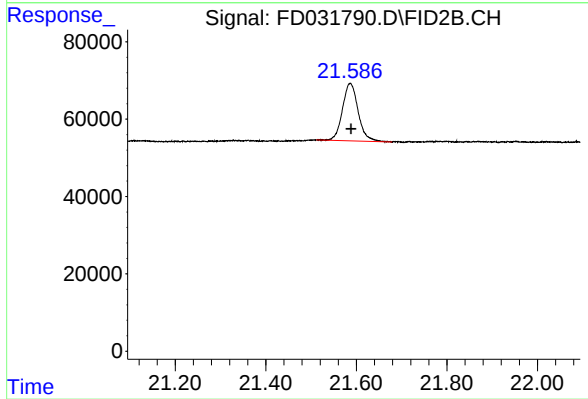
#20 n-Hexatriacontane (C36)

R.T.: 20.000 min  
Delta R.T.: -0.001 min  
Response: 367616  
Conc: 5.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min  
Delta R.T.: -0.001 min  
Response: 334218  
Conc: 5.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.586 min  
Delta R.T.: -0.002 min  
Response: 358509  
Conc: 5.35 ug/ml