

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061121AL\  
 Data File : FD037881.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Jun 2021 22:40  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 12 00:10:12 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 05:11:15 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)    | 11.442 | 2978377    | 20.986 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.97%       |
| 12) S 1-chlorooctadecane (S... | 12.876 | 2319828    | 20.807 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.250  | 2532358    | 20.945 ug/ml |
| 2) T n-Decane (C10)            | 4.308  | 2544945    | 20.762 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.878  | 2844415    | 21.092 ug/ml |
| 4) T n-Dodecane (C12)          | 6.315  | 2583038    | 21.040 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.930  | 2865763    | 21.164 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.103  | 2655078    | 21.158 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.696  | 2686166    | 20.988 ug/ml |
| 8) T n-Octadecane (C18)        | 11.131 | 2766749    | 20.938 ug/ml |
| 10) T n-Eicosane (C20)         | 12.434 | 2735861    | 20.729 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.043 | 2757322    | 20.779 ug/ml |
| 13) T n-Docosane (C22)         | 13.627 | 2716225    | 20.717 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.724 | 2694165    | 20.646 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.740 | 2599802    | 20.484 ug/ml |
| 16) T n-Octacosane (C28)       | 16.686 | 2524450    | 20.344 ug/ml |
| 17) T n-Tricontane (C30)       | 17.569 | 2430412    | 20.199 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.396 | 2285413    | 19.967 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.176 | 2163806    | 20.019 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.914 | 2000039    | 20.027 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.619 | 1889773    | 20.573 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.457 | 1921907    | 20.205 ug/ml |
| -----                          |        |            |              |

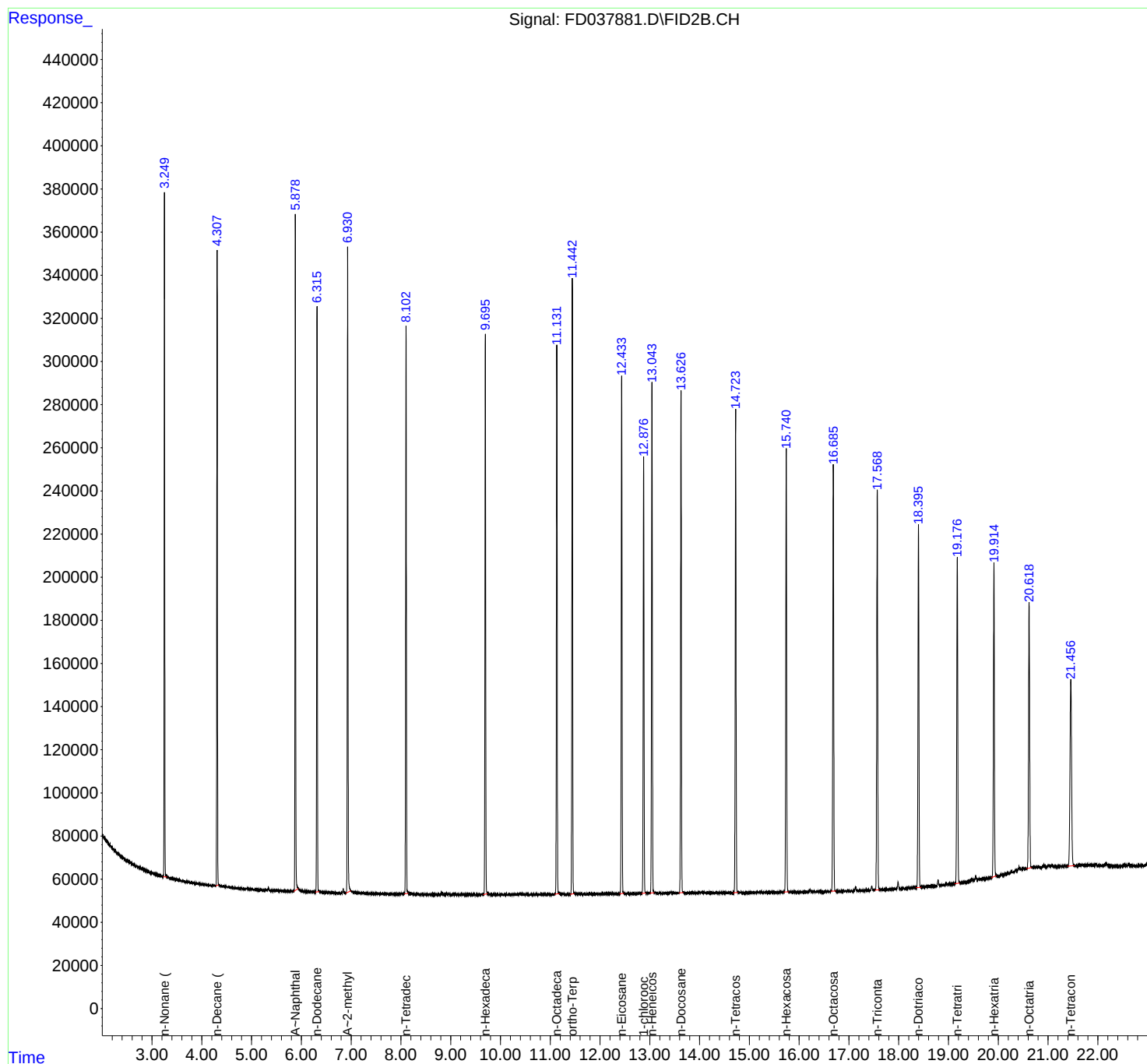
(f)=RT Delta > 1/2 Window

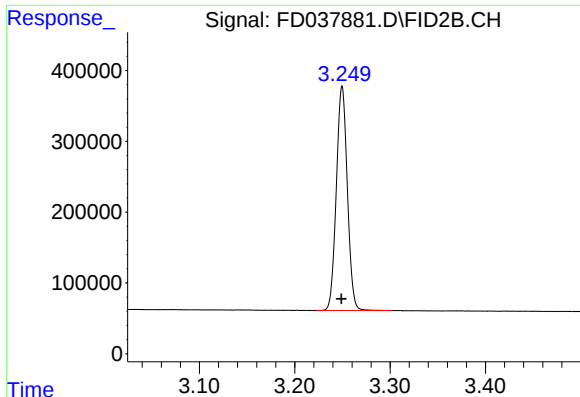
(m)=manual int.

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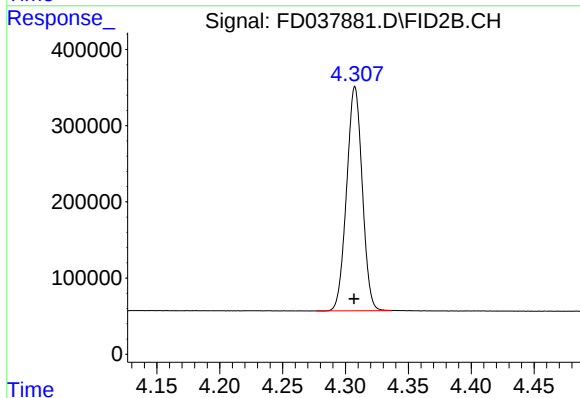
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Signal Info : 20M x 0.18mm x 0.18um





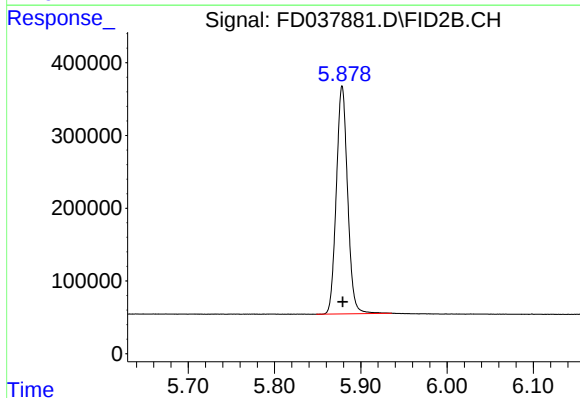
#1 n-Nonane (C9)

R.T.: 3.250 min  
Delta R.T.: 0.000 min  
Response: 2532358  
Conc: 20.95 ug/ml



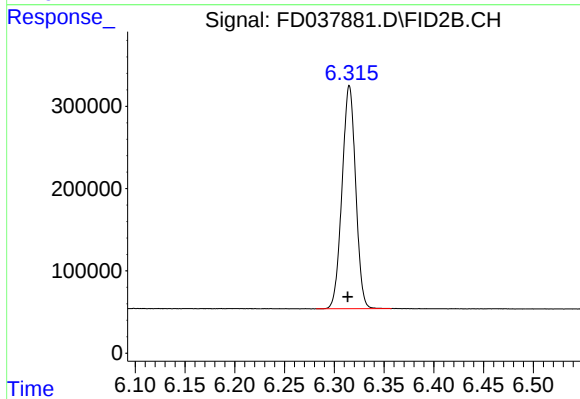
#2 n-Decane (C10)

R.T.: 4.308 min  
Delta R.T.: 0.000 min  
Response: 2544945  
Conc: 20.76 ug/ml



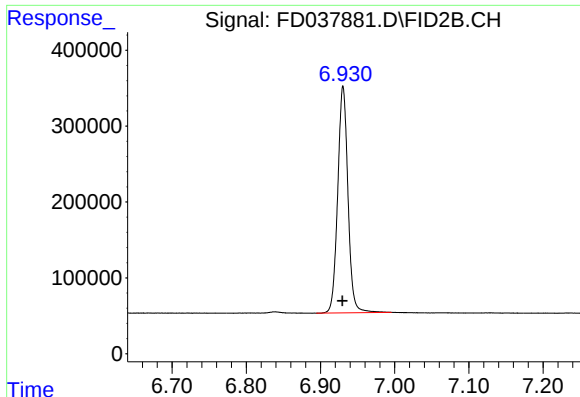
#3 A~Naphthalene (C11.7)

R.T.: 5.878 min  
Delta R.T.: 0.000 min  
Response: 2844415  
Conc: 21.09 ug/ml



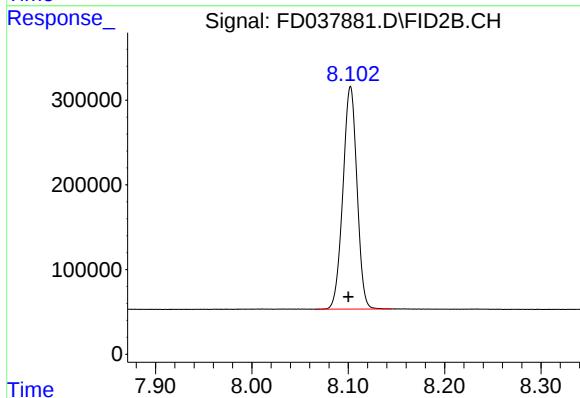
#4 n-Dodecane (C12)

R.T.: 6.315 min  
Delta R.T.: 0.002 min  
Response: 2583038  
Conc: 21.04 ug/ml



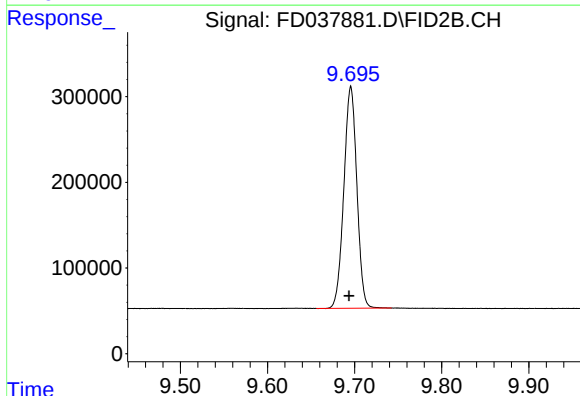
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 2865763  
Conc: 21.16 ug/ml



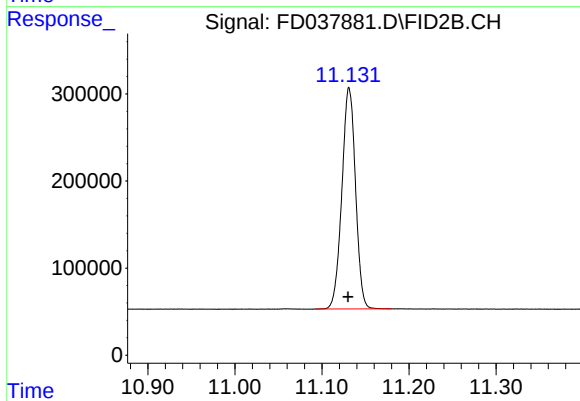
#6 n-Tetradecane (C14)

R.T.: 8.103 min  
Delta R.T.: 0.002 min  
Response: 2655078  
Conc: 21.16 ug/ml



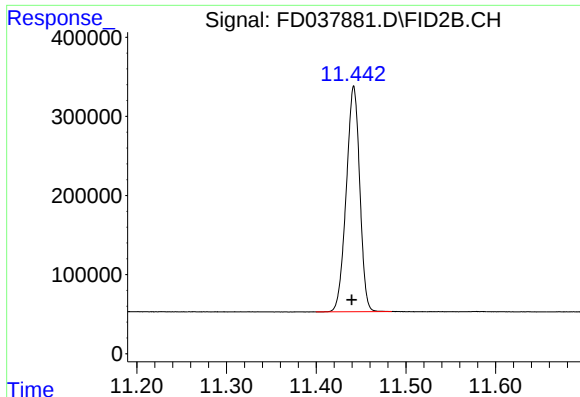
#7 n-Hexadecane (C16)

R.T.: 9.696 min  
Delta R.T.: 0.002 min  
Response: 2686166  
Conc: 20.99 ug/ml



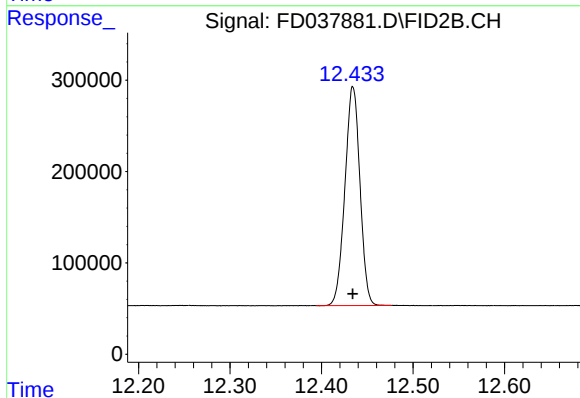
#8 n-Octadecane (C18)

R.T.: 11.131 min  
Delta R.T.: 0.001 min  
Response: 2766749  
Conc: 20.94 ug/ml



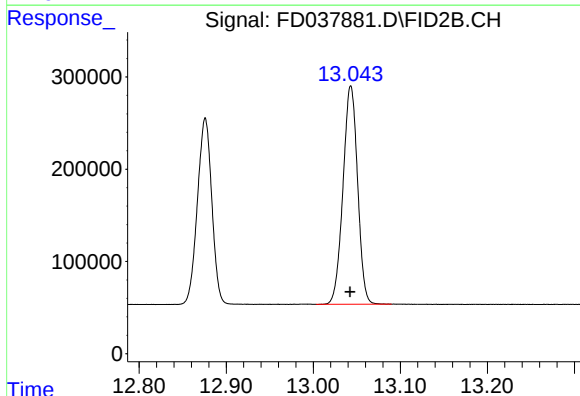
#9 ortho-Terphenyl (SURR)

R.T.: 11.442 min  
Delta R.T.: 0.002 min  
Response: 2978377  
Conc: 20.99 ug/ml



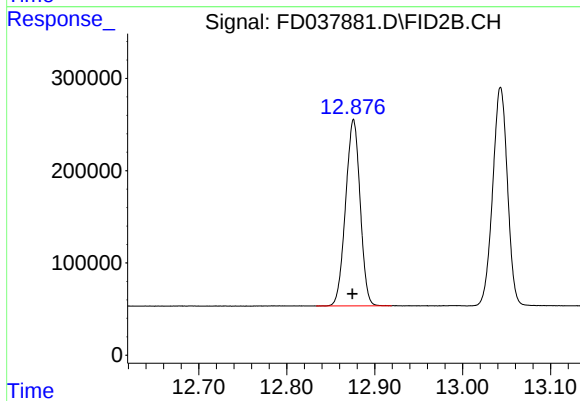
#10 n-Eicosane (C20)

R.T.: 12.434 min  
Delta R.T.: 0.000 min  
Response: 2735861  
Conc: 20.73 ug/ml



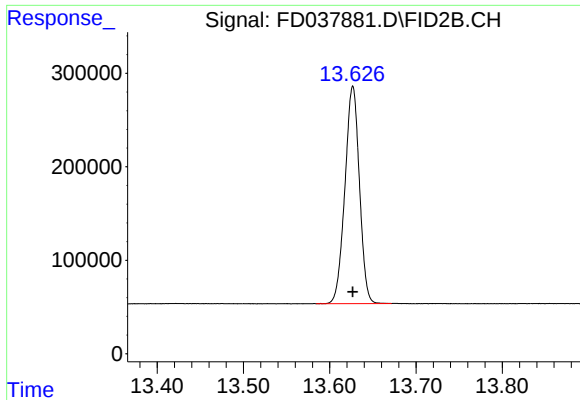
#11 n-Heneicosane (C21)

R.T.: 13.043 min  
Delta R.T.: 0.000 min  
Response: 2757322  
Conc: 20.78 ug/ml



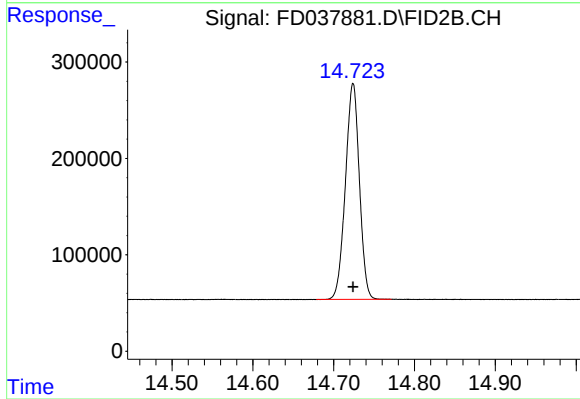
#12 1-chlorooctadecane (SURR)

R.T.: 12.876 min  
Delta R.T.: 0.001 min  
Response: 2319828  
Conc: 20.81 ug/ml



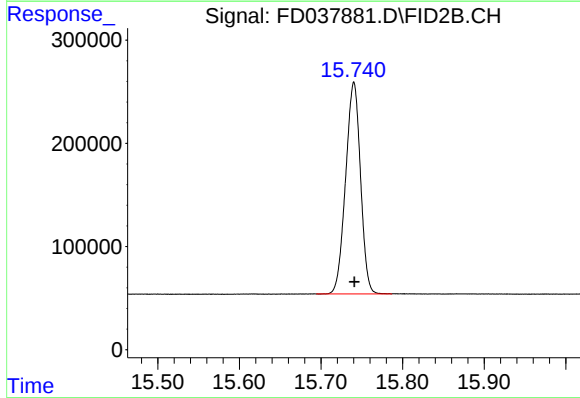
#13 n-Docosane (C22)

R.T.: 13.627 min  
Delta R.T.: 0.000 min  
Response: 2716225  
Conc: 20.72 ug/ml



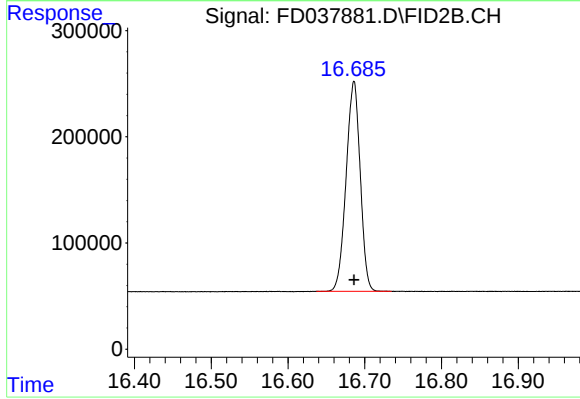
#14 n-Tetracosane (C24)

R.T.: 14.724 min  
Delta R.T.: 0.000 min  
Response: 2694165  
Conc: 20.65 ug/ml



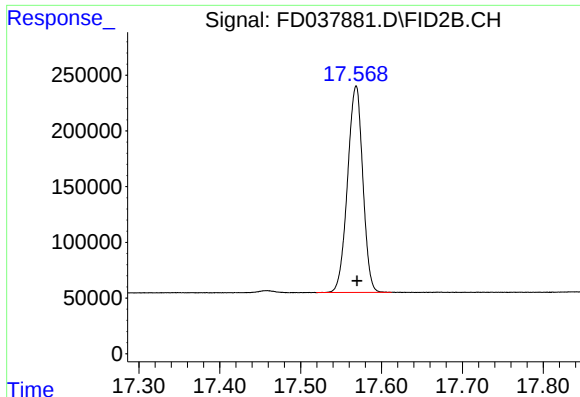
#15 n-Hexacosane (C26)

R.T.: 15.740 min  
Delta R.T.: 0.000 min  
Response: 2599802  
Conc: 20.48 ug/ml



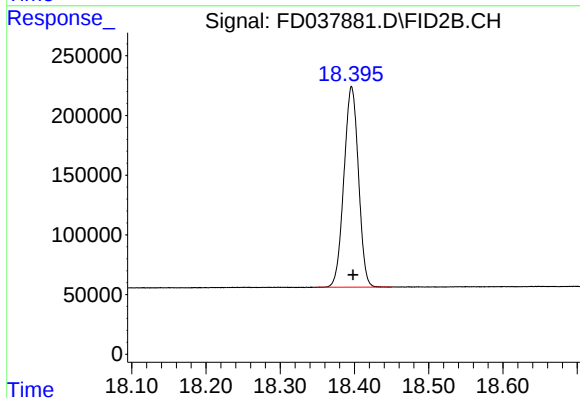
#16 n-Octacosane (C28)

R.T.: 16.686 min  
Delta R.T.: 0.000 min  
Response: 2524450  
Conc: 20.34 ug/ml



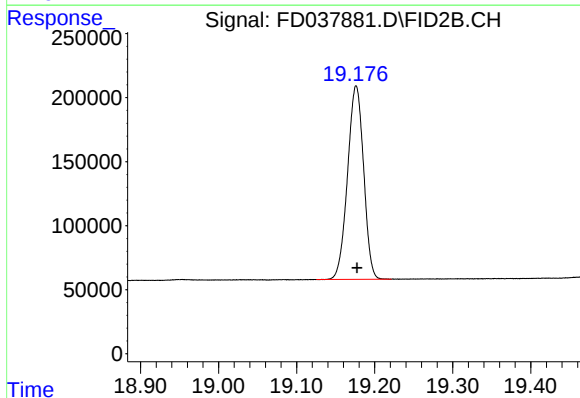
#17 n-Tricontane (C30)

R.T.: 17.569 min  
Delta R.T.: -0.001 min  
Response: 2430412  
Conc: 20.20 ug/ml



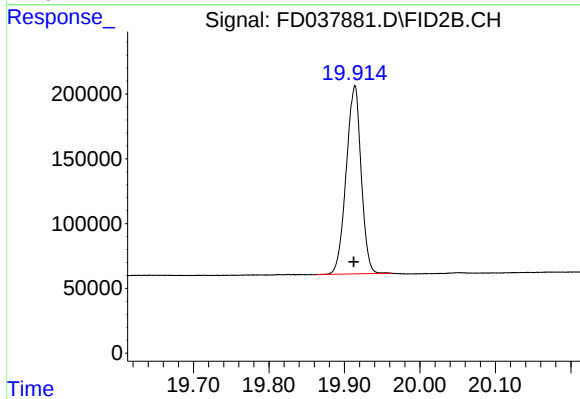
#18 n-Dotriacontane (C32)

R.T.: 18.396 min  
Delta R.T.: -0.002 min  
Response: 2285413  
Conc: 19.97 ug/ml



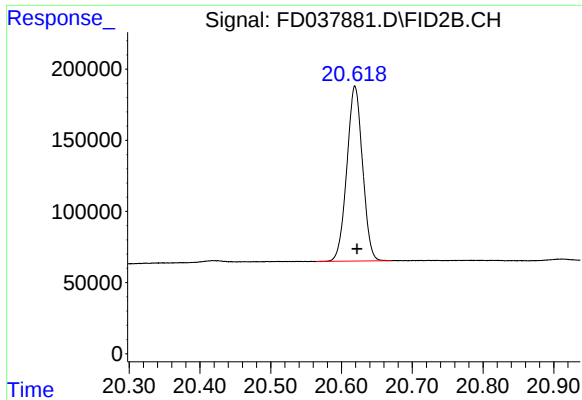
#19 n-Tetratriacontane (C34)

R.T.: 19.176 min  
Delta R.T.: -0.001 min  
Response: 2163806  
Conc: 20.02 ug/ml



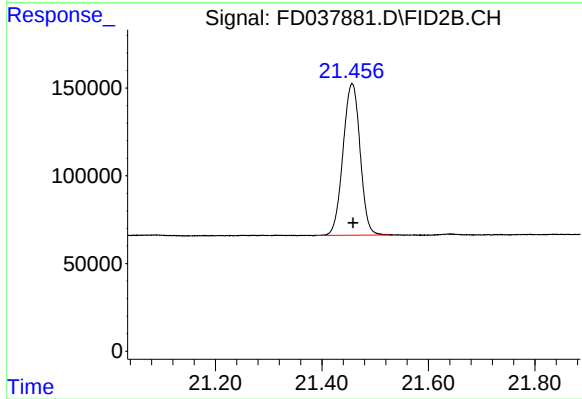
#20 n-Hexatriacontane (C36)

R.T.: 19.914 min  
Delta R.T.: 0.001 min  
Response: 2000039  
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.619 min  
Delta R.T.: -0.003 min  
Response: 1889773  
Conc: 20.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.457 min  
Delta R.T.: -0.002 min  
Response: 1921907  
Conc: 20.21 ug/ml