

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071320AL\  
 Data File : FD034005.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Jul 2020 19:36  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 14 02:16:58 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 04:25:35 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)    | 11.615 | 2794727    | 20.592 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.18%       |
| 12) S 1-chlorooctadecane (S... | 13.044 | 2273375    | 20.439 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.392  | 2486152    | 20.713 ug/ml |
| 2) T n-Decane (C10)            | 4.460  | 2509925    | 20.748 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.043  | 2798087    | 20.744 ug/ml |
| 4) T n-Dodecane (C12)          | 6.474  | 2551025    | 20.782 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.097  | 2865062    | 20.777 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.264  | 2552425    | 20.899 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.859  | 2521890    | 20.736 ug/ml |
| 8) T n-Octadecane (C18)        | 11.297 | 2619497    | 20.657 ug/ml |
| 10) T n-Eicosane (C20)         | 12.601 | 2628605    | 20.547 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.211 | 2622936    | 20.476 ug/ml |
| 13) T n-Docosane (C22)         | 13.794 | 2621423    | 20.447 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.893 | 2600298    | 20.263 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.908 | 2545976    | 20.003 ug/ml |
| 16) T n-Octacosane (C28)       | 16.854 | 2498870    | 19.684 ug/ml |
| 17) T n-Tricontane (C30)       | 17.737 | 2395754    | 19.367 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.565 | 2150522    | 19.090 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.344 | 1975296    | 18.753 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.079 | 1824252    | 18.095 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.810 | 1699058    | 18.604 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.716 | 1665509    | 18.739 ug/ml |
| -----                          |        |            |              |

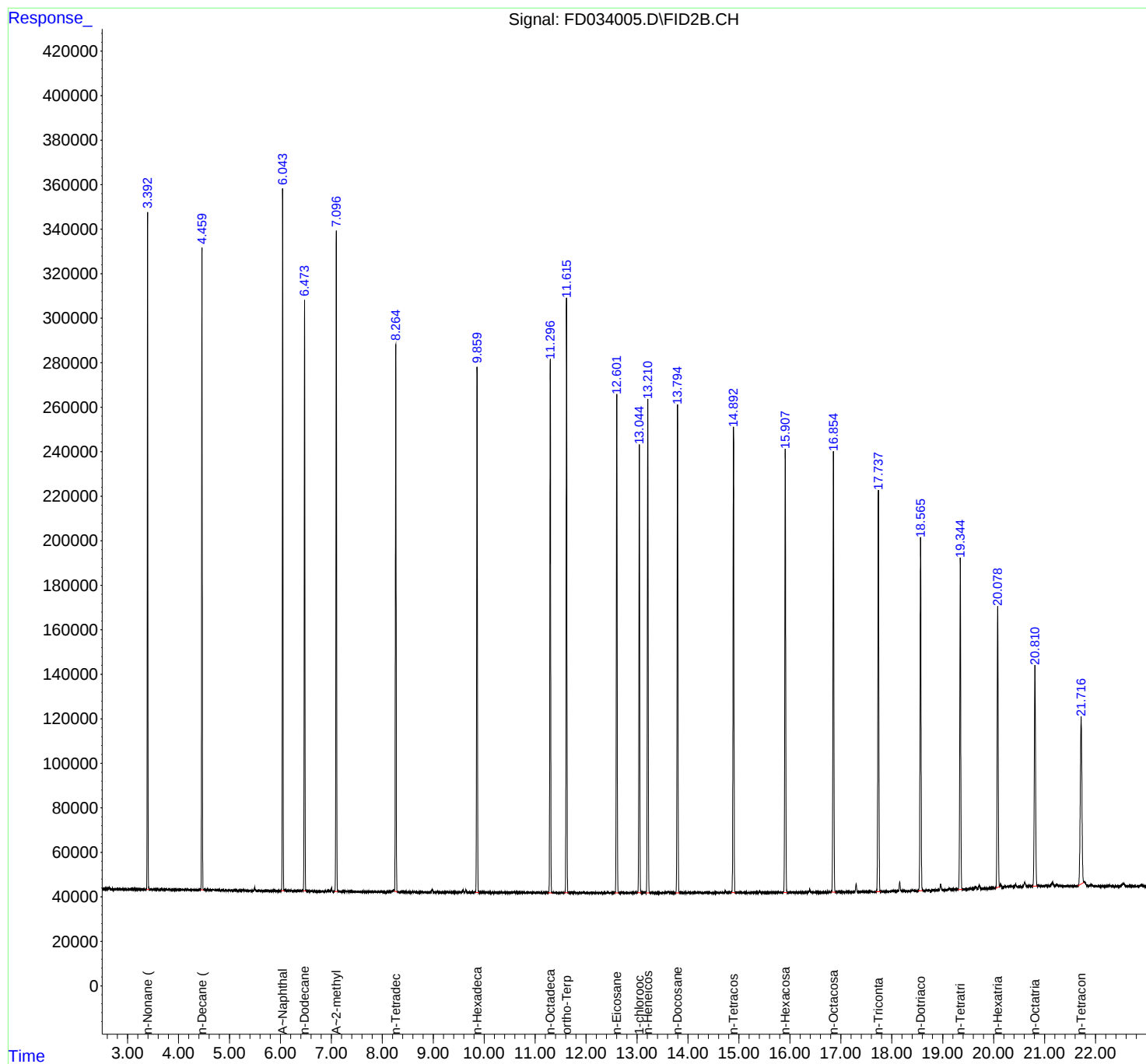
(f)=RT Delta > 1/2 Window

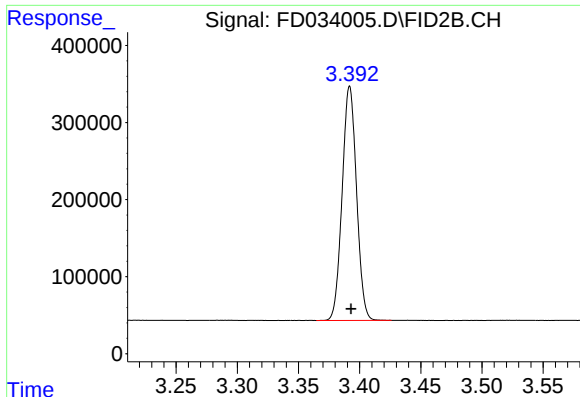
(m)=manual int.

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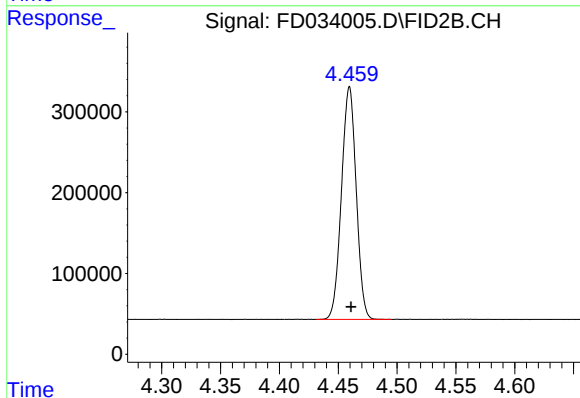
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





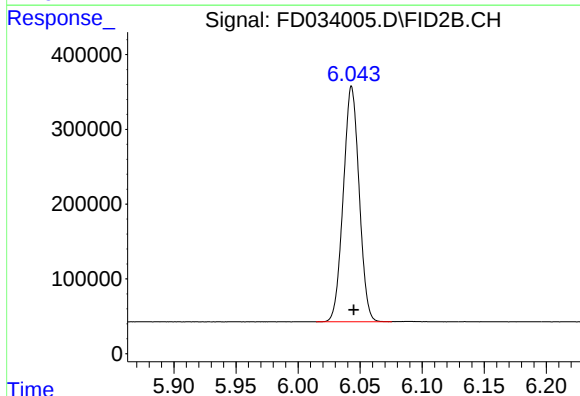
#1 n-Nonane (C9)

R.T.: 3.392 min  
Delta R.T.: -0.001 min  
Response: 2486152  
Conc: 20.71 ug/ml



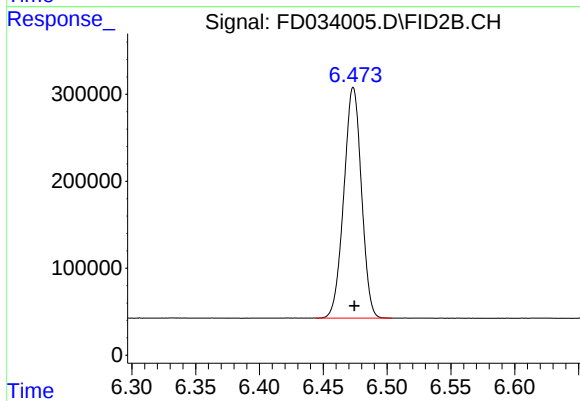
#2 n-Decane (C10)

R.T.: 4.460 min  
Delta R.T.: -0.001 min  
Response: 2509925  
Conc: 20.75 ug/ml



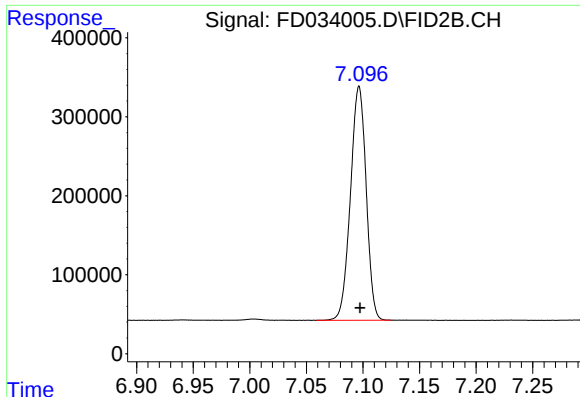
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min  
Delta R.T.: -0.002 min  
Response: 2798087  
Conc: 20.74 ug/ml



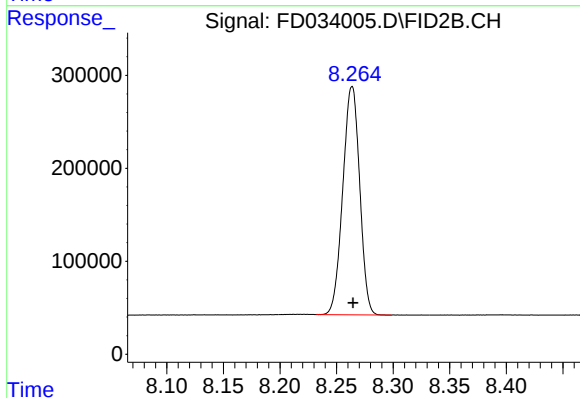
#4 n-Dodecane (C12)

R.T.: 6.474 min  
Delta R.T.: 0.000 min  
Response: 2551025  
Conc: 20.78 ug/ml



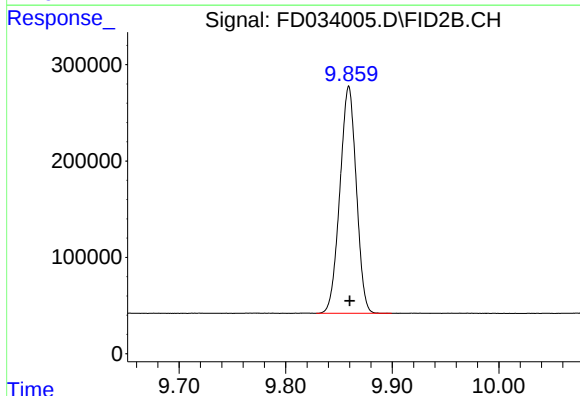
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min  
Delta R.T.: 0.000 min  
Response: 2865062  
Conc: 20.78 ug/ml



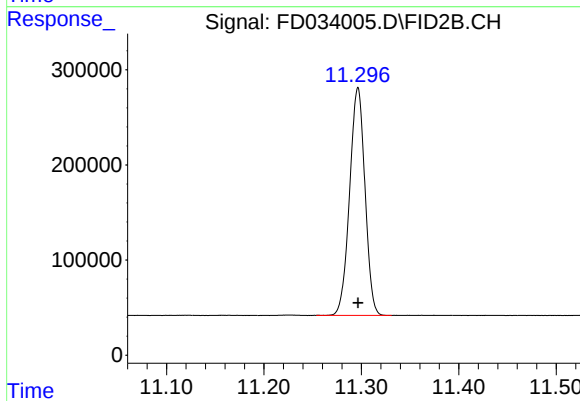
#6 n-Tetradecane (C14)

R.T.: 8.264 min  
Delta R.T.: 0.000 min  
Response: 2552425  
Conc: 20.90 ug/ml



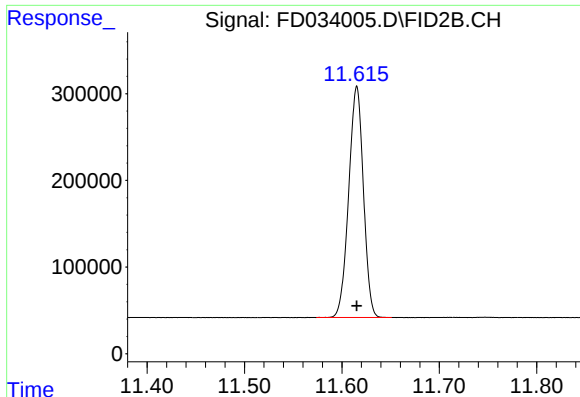
#7 n-Hexadecane (C16)

R.T.: 9.859 min  
Delta R.T.: 0.000 min  
Response: 2521890  
Conc: 20.74 ug/ml



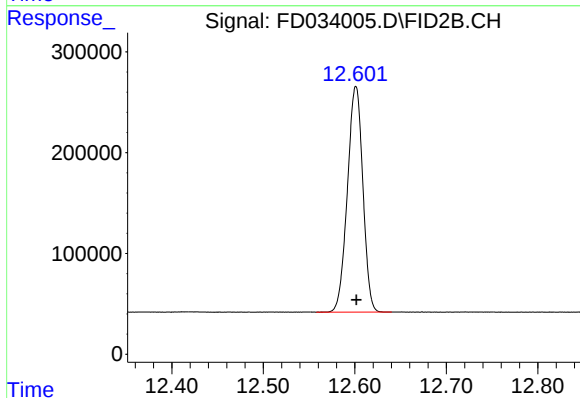
#8 n-Octadecane (C18)

R.T.: 11.297 min  
Delta R.T.: 0.000 min  
Response: 2619497  
Conc: 20.66 ug/ml



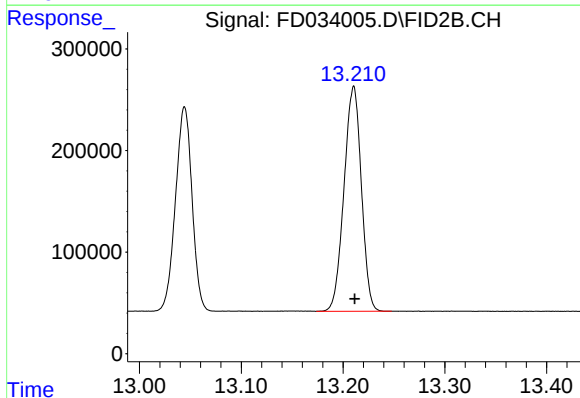
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min  
Delta R.T.: 0.000 min  
Response: 2794727  
Conc: 20.59 ug/ml



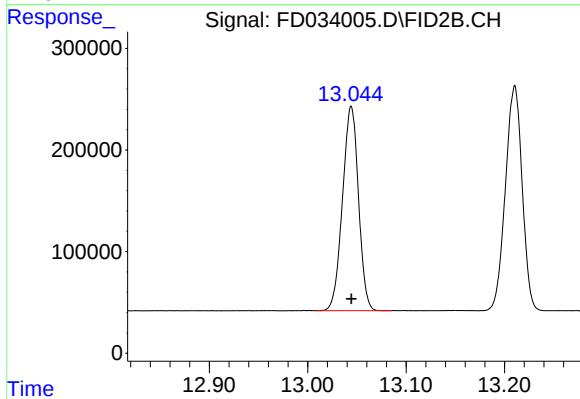
#10 n-Eicosane (C20)

R.T.: 12.601 min  
Delta R.T.: 0.000 min  
Response: 2628605  
Conc: 20.55 ug/ml



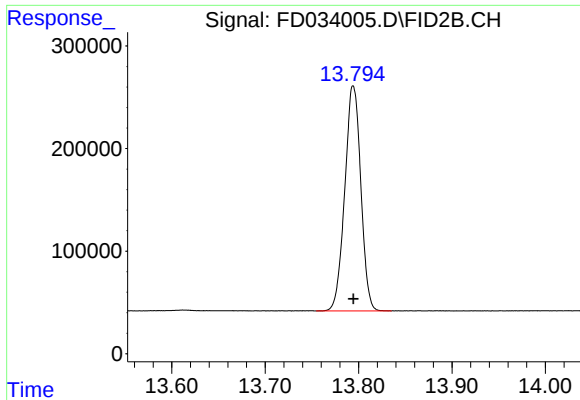
#11 n-Heneicosane (C21)

R.T.: 13.211 min  
Delta R.T.: -0.001 min  
Response: 2622936  
Conc: 20.48 ug/ml



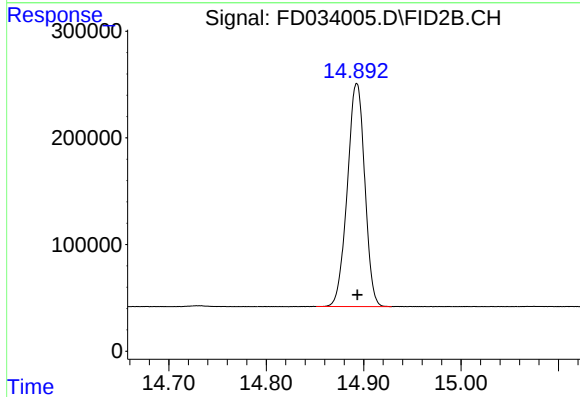
#12 1-chlorooctadecane (SURR)

R.T.: 13.044 min  
Delta R.T.: 0.000 min  
Response: 2273375  
Conc: 20.44 ug/ml



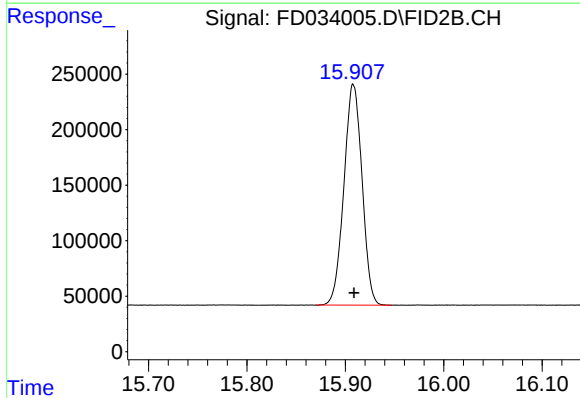
#13 n-Docosane (C22)

R.T.: 13.794 min  
Delta R.T.: 0.000 min  
Response: 2621423  
Conc: 20.45 ug/ml



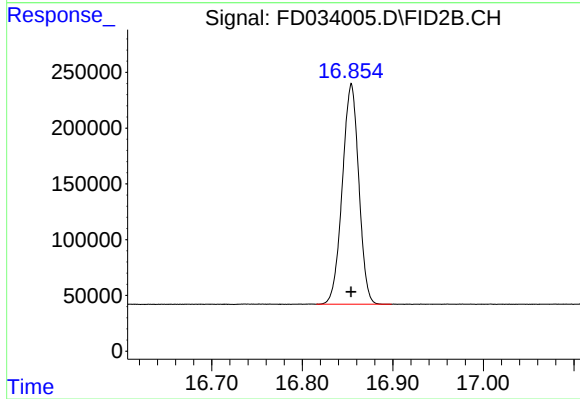
#14 n-Tetracosane (C24)

R.T.: 14.893 min  
Delta R.T.: 0.000 min  
Response: 2600298  
Conc: 20.26 ug/ml



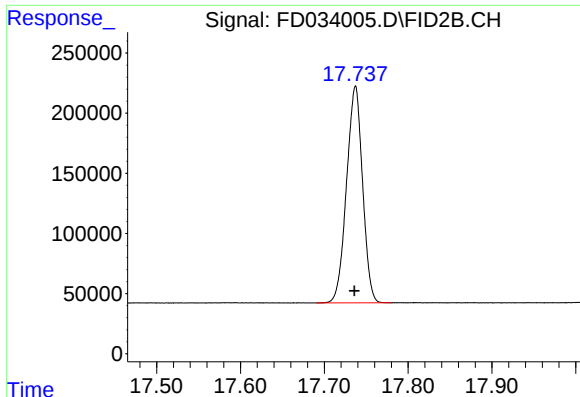
#15 n-Hexacosane (C26)

R.T.: 15.908 min  
Delta R.T.: 0.000 min  
Response: 2545976  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.854 min  
Delta R.T.: 0.000 min  
Response: 2498870  
Conc: 19.68 ug/ml



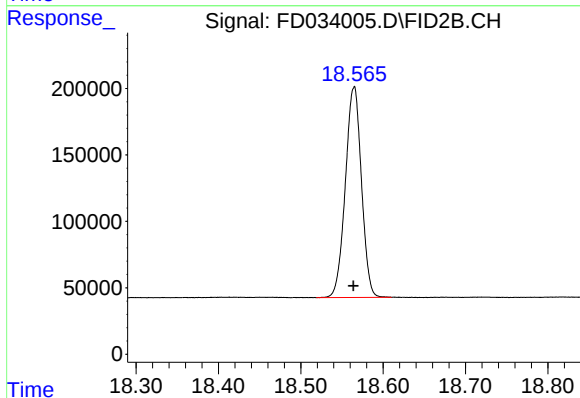
#17 n-Tricontane (C30)

R.T.: 17.737 min

Delta R.T.: 0.001 min

Response: 2395754

Conc: 19.37 ug/ml



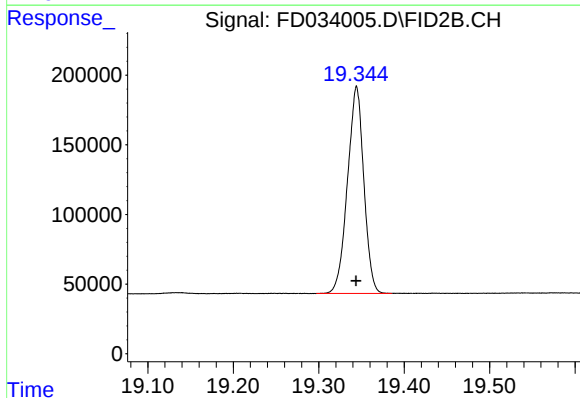
#18 n-Dotriacontane (C32)

R.T.: 18.565 min

Delta R.T.: 0.000 min

Response: 2150522

Conc: 19.09 ug/ml



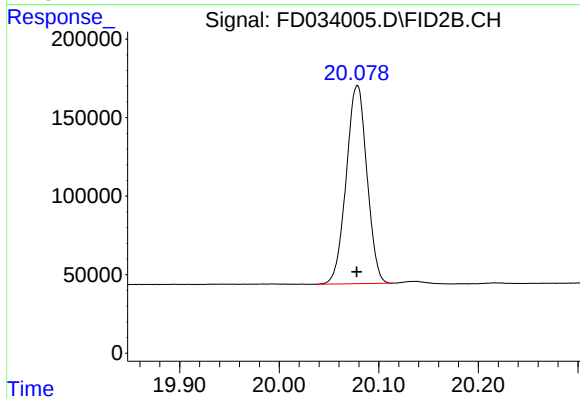
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min

Delta R.T.: 0.000 min

Response: 1975296

Conc: 18.75 ug/ml



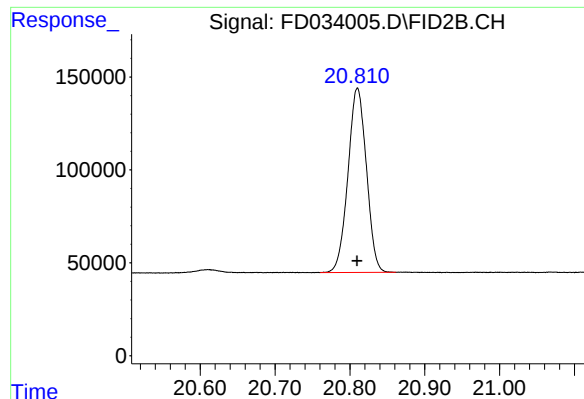
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min

Delta R.T.: 0.000 min

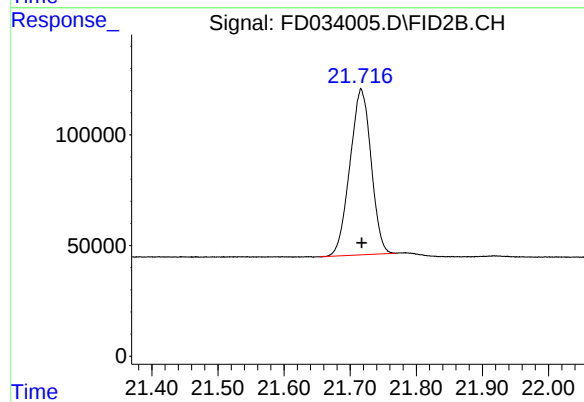
Response: 1824252

Conc: 18.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min  
Delta R.T.: 0.000 min  
Response: 1699058  
Conc: 18.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.716 min  
Delta R.T.: 0.000 min  
Response: 1665509  
Conc: 18.74 ug/ml