

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112321AL\  
 Data File : FD039622.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Nov 2021 23:30  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 24 02:05:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 112321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 24 01:36:43 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)    | 11.657 | 2566470    | 20.146 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.29%       |
| 12) S 1-chlorooctadecane (S... | 13.084 | 1975529    | 20.083 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.17%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.419  | 2317779    | 20.287 ug/ml |
| 2) T n-Decane (C10)            | 4.488  | 2330915    | 20.267 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.079  | 2580905    | 20.283 ug/ml |
| 4) T n-Dodecane (C12)          | 6.503  | 2324264    | 20.184 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.134  | 2580110    | 20.262 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.295  | 2333773    | 20.140 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.893  | 2336227    | 20.093 ug/ml |
| 8) T n-Octadecane (C18)        | 11.332 | 2383854    | 20.062 ug/ml |
| 10) T n-Eicosane (C20)         | 12.639 | 2360215    | 20.115 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.249 | 2368616    | 20.136 ug/ml |
| 13) T n-Docosane (C22)         | 13.834 | 2338249    | 20.158 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.933 | 2331765    | 19.982 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.951 | 2221599    | 20.049 ug/ml |
| 16) T n-Octacosane (C28)       | 16.898 | 2130908    | 19.864 ug/ml |
| 17) T n-Tricontane (C30)       | 17.781 | 2073009    | 19.447 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.611 | 1986033    | 19.069 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.391 | 1940257    | 19.307 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.129 | 1888593    | 19.627 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.866 | 1861036    | 19.830 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.784 | 1885476    | 19.557 ug/ml |
| -----                          |        |            |              |

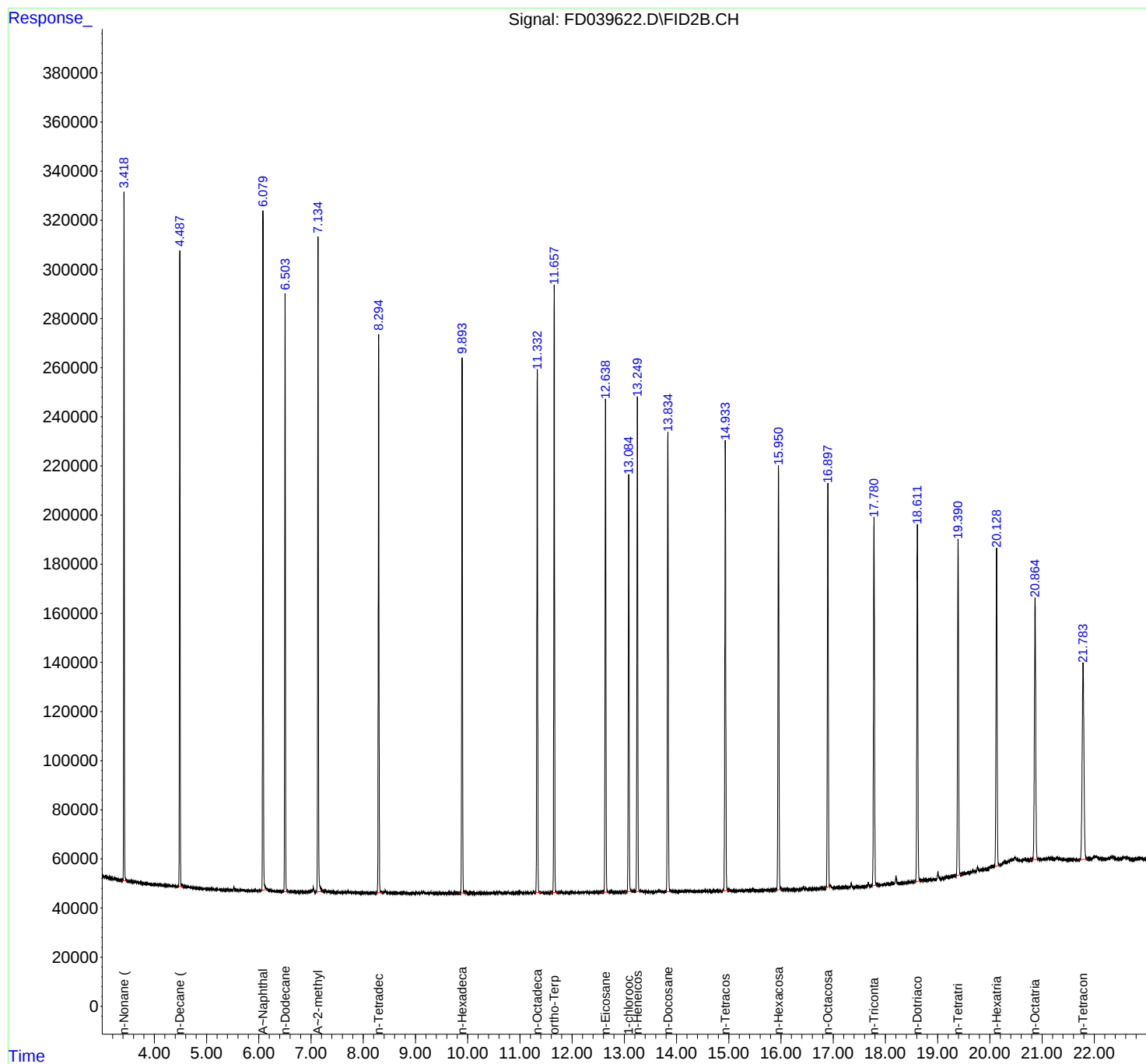
(f)=RT Delta > 1/2 Window

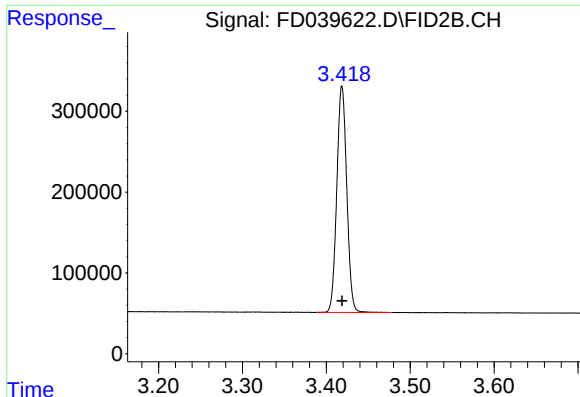
(m)=manual int.

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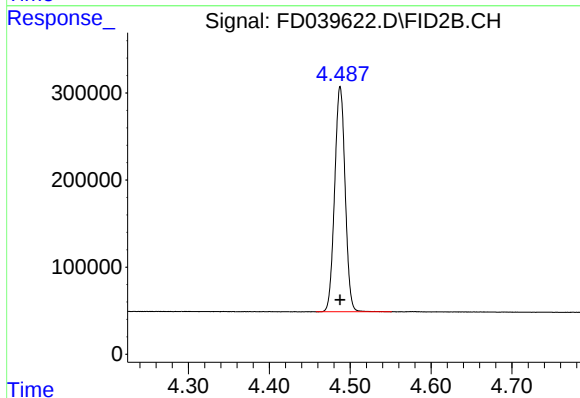
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Signal Info : 20M x 0.18mm x 0.18um





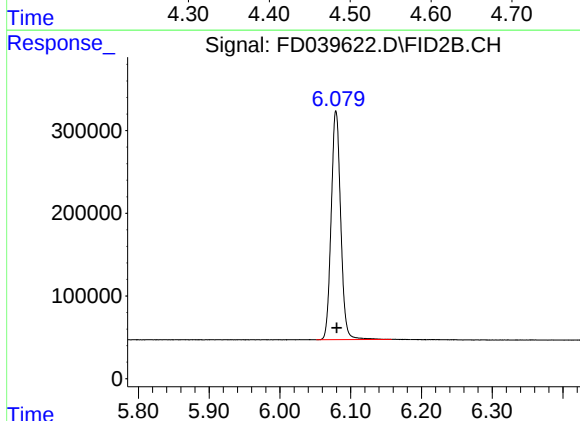
#1 n-Nonane (C9)

R.T.: 3.419 min  
Delta R.T.: 0.000 min  
Response: 2317779  
Conc: 20.29 ug/ml



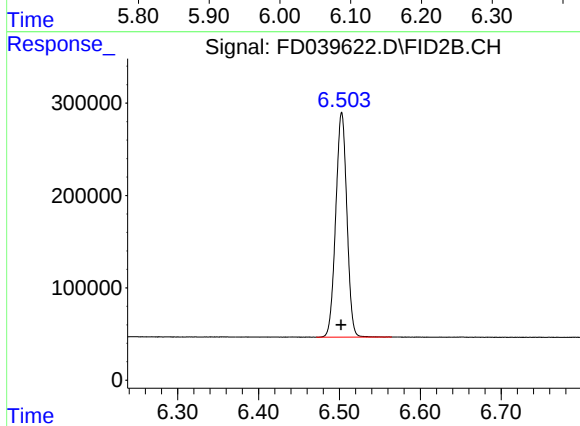
#2 n-Decane (C10)

R.T.: 4.488 min  
Delta R.T.: 0.000 min  
Response: 2330915  
Conc: 20.27 ug/ml



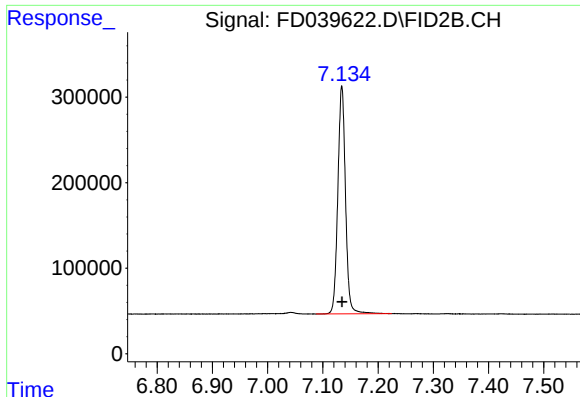
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 2580905  
Conc: 20.28 ug/ml



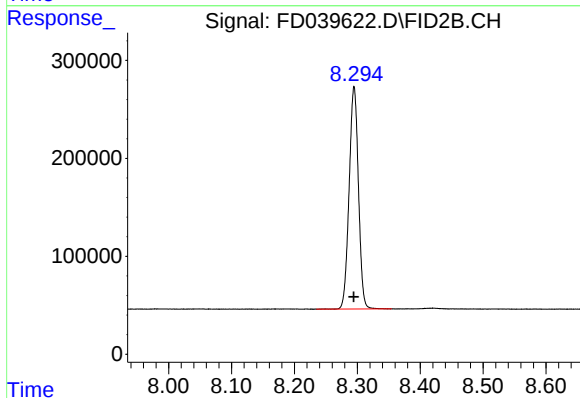
#4 n-Dodecane (C12)

R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 2324264  
Conc: 20.18 ug/ml



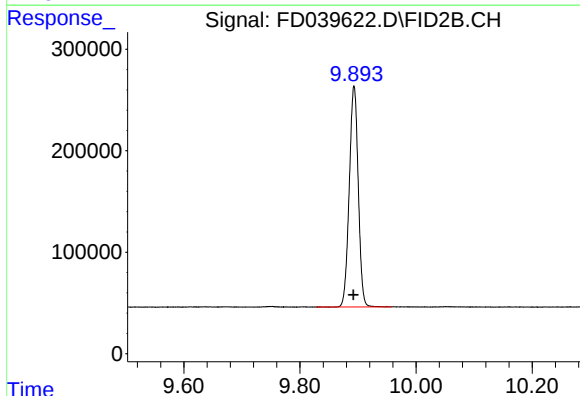
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min  
Delta R.T.: 0.000 min  
Response: 2580110  
Conc: 20.26 ug/ml



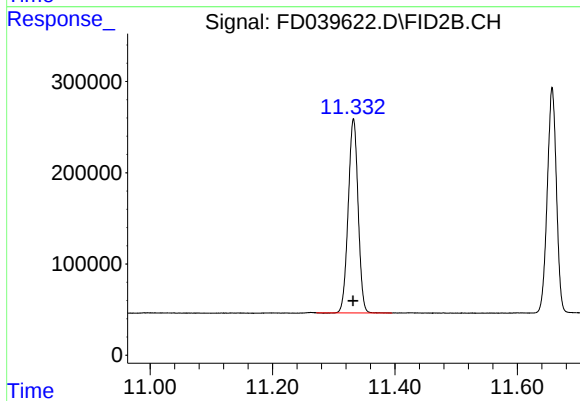
#6 n-Tetradecane (C14)

R.T.: 8.295 min  
Delta R.T.: 0.000 min  
Response: 2333773  
Conc: 20.14 ug/ml



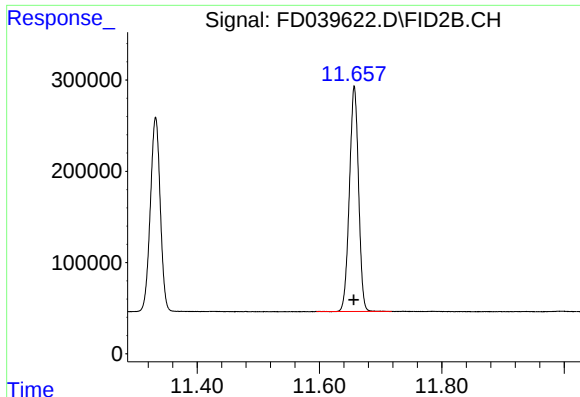
#7 n-Hexadecane (C16)

R.T.: 9.893 min  
Delta R.T.: 0.001 min  
Response: 2336227  
Conc: 20.09 ug/ml



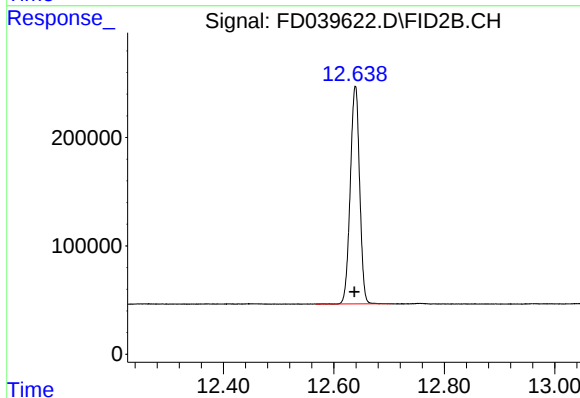
#8 n-Octadecane (C18)

R.T.: 11.332 min  
Delta R.T.: 0.000 min  
Response: 2383854  
Conc: 20.06 ug/ml



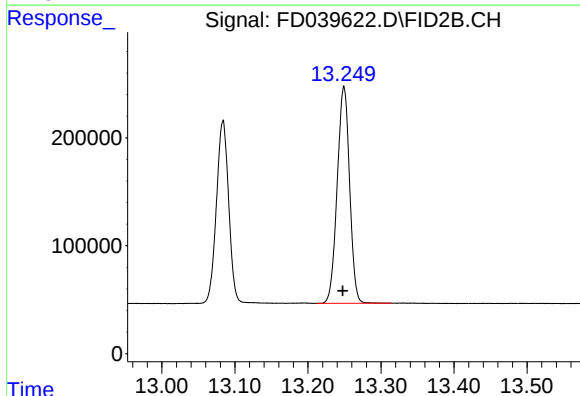
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min  
Delta R.T.: 0.000 min  
Response: 2566470  
Conc: 20.15 ug/ml



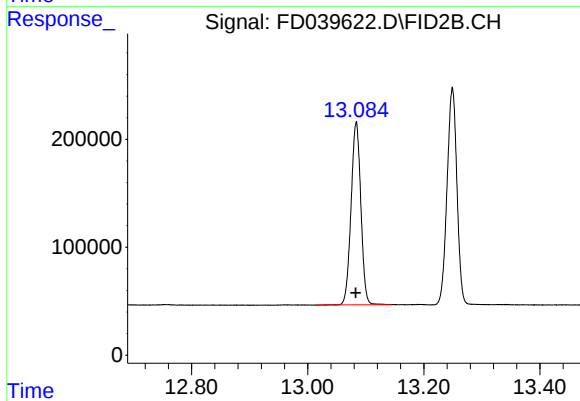
#10 n-Eicosane (C20)

R.T.: 12.639 min  
Delta R.T.: 0.001 min  
Response: 2360215  
Conc: 20.12 ug/ml



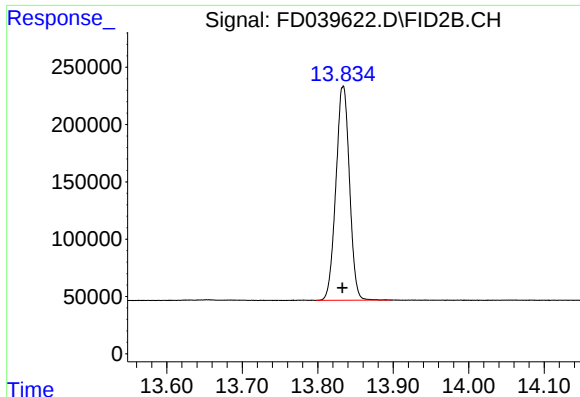
#11 n-Heneicosane (C21)

R.T.: 13.249 min  
Delta R.T.: 0.001 min  
Response: 2368616  
Conc: 20.14 ug/ml



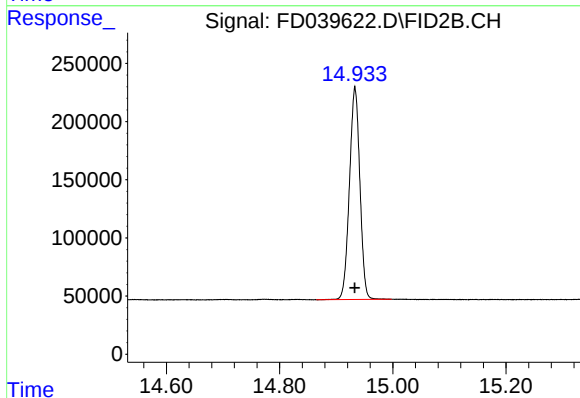
#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min  
Delta R.T.: 0.000 min  
Response: 1975529  
Conc: 20.08 ug/ml



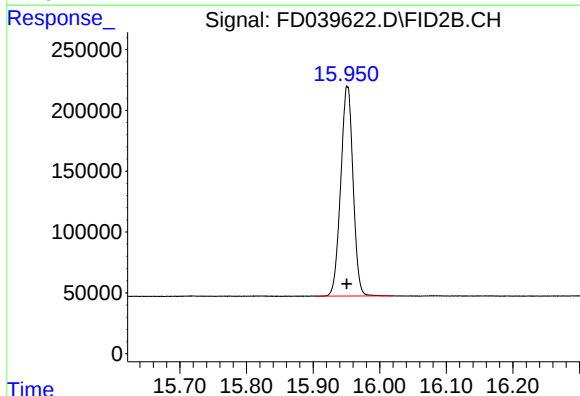
#13 n-Docosane (C22)

R.T.: 13.834 min  
Delta R.T.: 0.001 min  
Response: 2338249  
Conc: 20.16 ug/ml



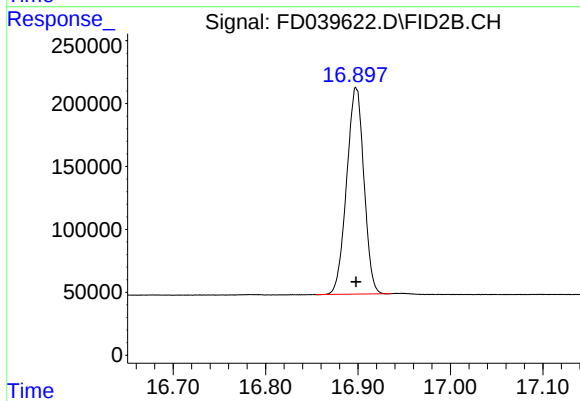
#14 n-Tetracosane (C24)

R.T.: 14.933 min  
Delta R.T.: 0.000 min  
Response: 2331765  
Conc: 19.98 ug/ml



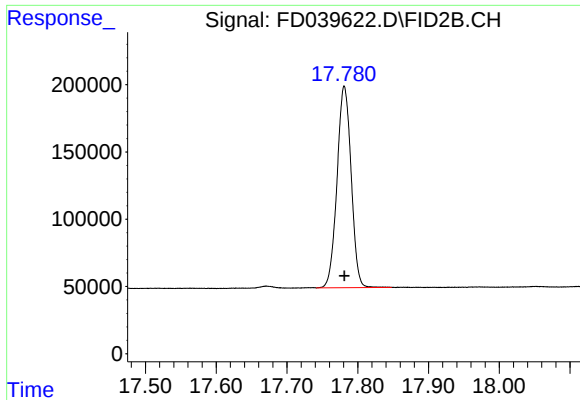
#15 n-Hexacosane (C26)

R.T.: 15.951 min  
Delta R.T.: 0.000 min  
Response: 2221599  
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.898 min  
Delta R.T.: 0.000 min  
Response: 2130908  
Conc: 19.86 ug/ml



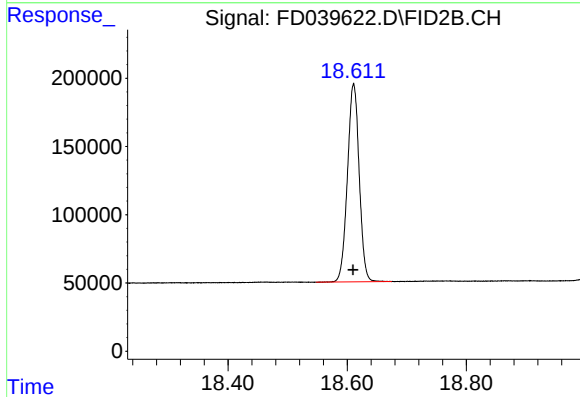
#17 n-Tricontane (C30)

R.T.: 17.781 min

Delta R.T.: 0.000 min

Response: 2073009

Conc: 19.45 ug/ml



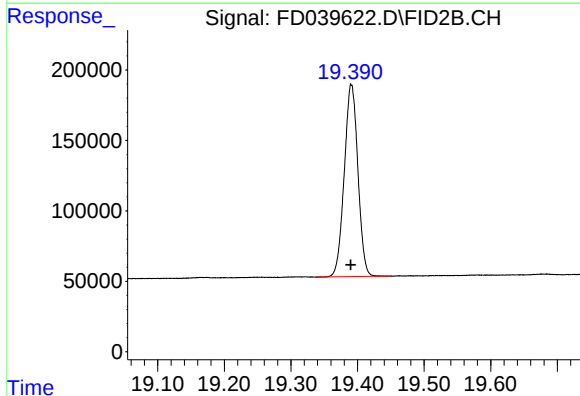
#18 n-Dotriacontane (C32)

R.T.: 18.611 min

Delta R.T.: 0.000 min

Response: 1986033

Conc: 19.07 ug/ml



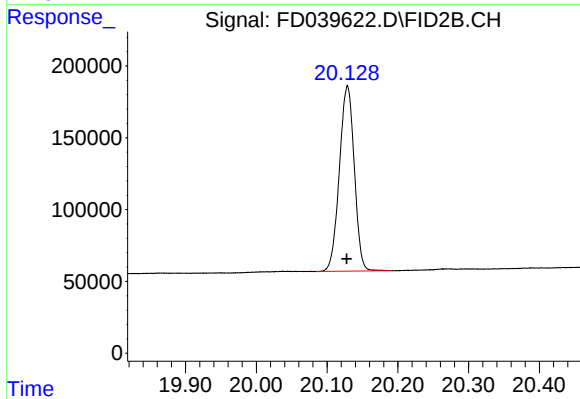
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min

Delta R.T.: 0.000 min

Response: 1940257

Conc: 19.31 ug/ml



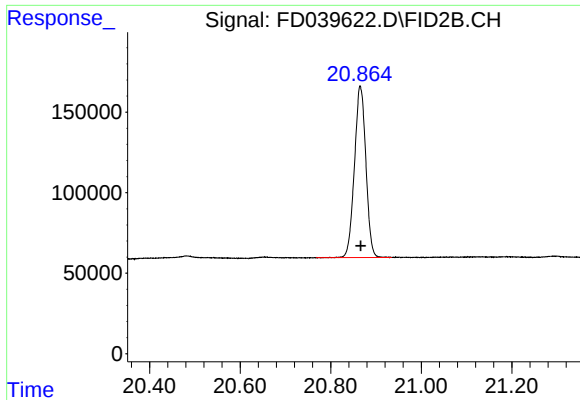
#20 n-Hexatriacontane (C36)

R.T.: 20.129 min

Delta R.T.: 0.000 min

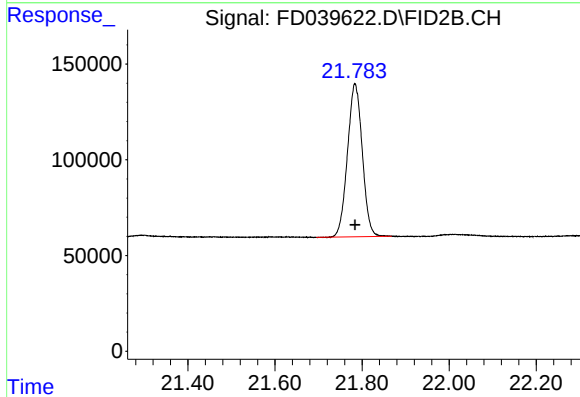
Response: 1888593

Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min  
Delta R.T.: 0.000 min  
Response: 1861036  
Conc: 19.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.784 min  
Delta R.T.: 0.000 min  
Response: 1885476  
Conc: 19.56 ug/ml