

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022822AL\  
 Data File : FE035176.D  
 Signal(s) : FID1B.CH  
 Acq On : 28 Feb 2022 17:31  
 Operator : YP\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 01 01:39:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 022822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 01:39:13 2022  
 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)    | 11.375 | 12857730   | 96.710 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 193.42%       |
| 12) S 1-chlorooctadecane (S... | 12.807 | 10209963   | 97.575 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 195.15%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.188  | 10739079   | 97.539 ug/ml  |
| 2) T n-Decane (C10)            | 4.244  | 10689061   | 97.543 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.809  | 12135858   | 98.935 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.250  | 11030091   | 97.518 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.860  | 12358417   | 99.532 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.037  | 11227841   | 97.536 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.630  | 11474024   | 98.324 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.066 | 11740066   | 97.388 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.368 | 11780945   | 96.798 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.977 | 11826444   | 96.425 ug/ml  |
| 13) T n-Docosane (C22)         | 13.560 | 11837394   | 96.602 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.657 | 11725576   | 95.804 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.672 | 11436994   | 95.251 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.617 | 11051781   | 95.400 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.500 | 10445269   | 95.270 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.326 | 9427733    | 96.187 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.105 | 8388212    | 97.452 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.840 | 7394208    | 100.947 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.542 | 6568119    | 104.365 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.356 | 6028241    | 104.592 ug/ml |
| -----                          |        |            |               |

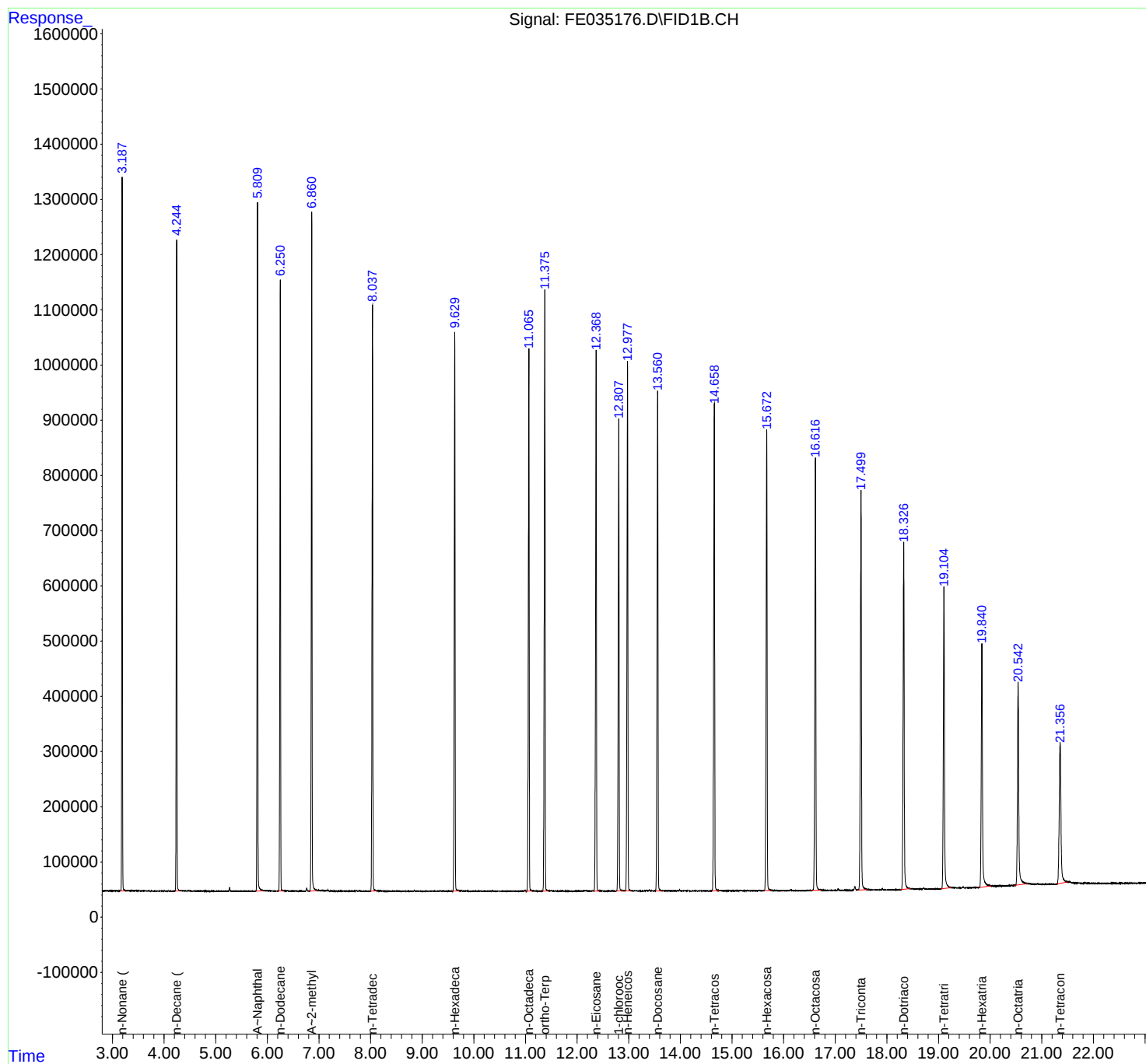
(f)=RT Delta > 1/2 Window

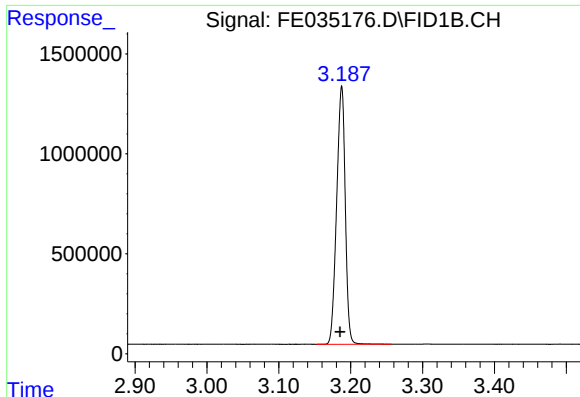
(m)=manual int.

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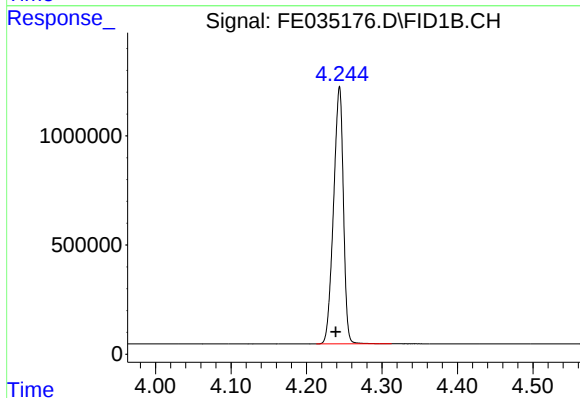
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





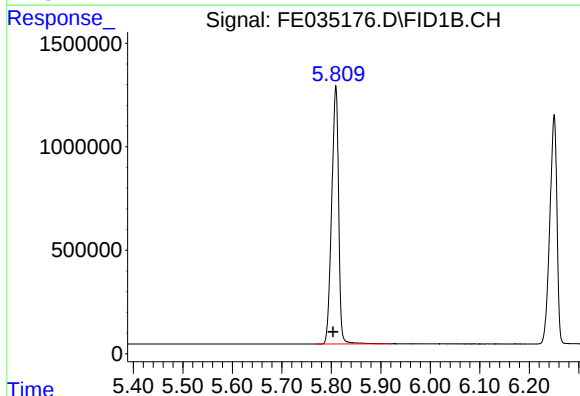
#1 n-Nonane (C9)

R.T.: 3.188 min  
Delta R.T.: 0.003 min  
Response: 10739079  
Conc: 97.54 ug/ml



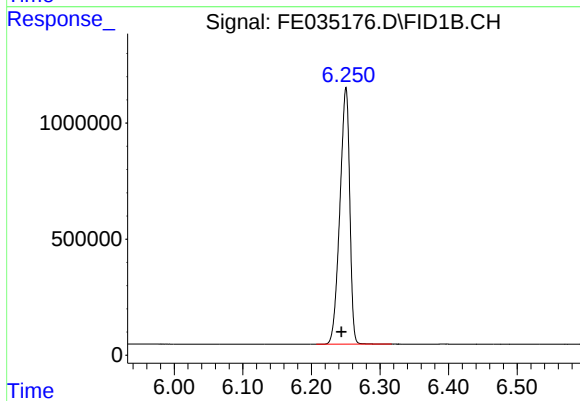
#2 n-Decane (C10)

R.T.: 4.244 min  
Delta R.T.: 0.005 min  
Response: 10689061  
Conc: 97.54 ug/ml



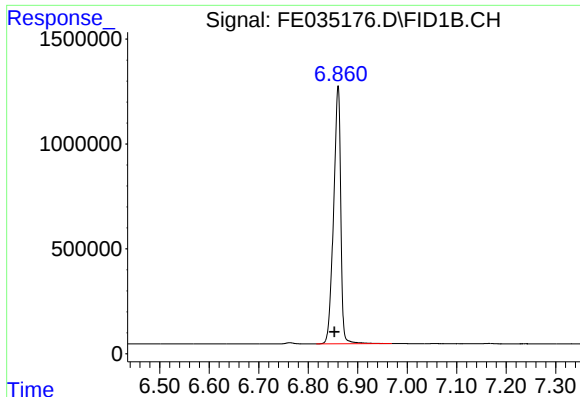
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min  
Delta R.T.: 0.006 min  
Response: 12135858  
Conc: 98.93 ug/ml



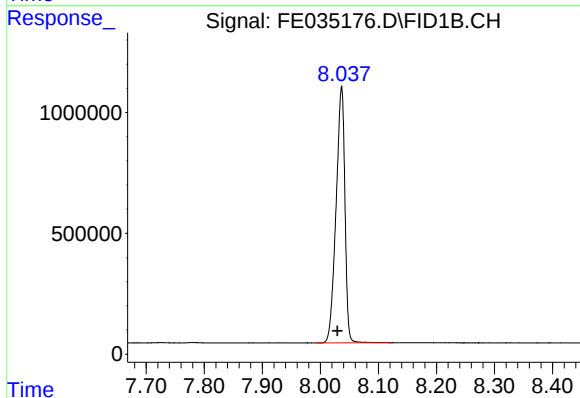
#4 n-Dodecane (C12)

R.T.: 6.250 min  
Delta R.T.: 0.007 min  
Response: 11030091  
Conc: 97.52 ug/ml



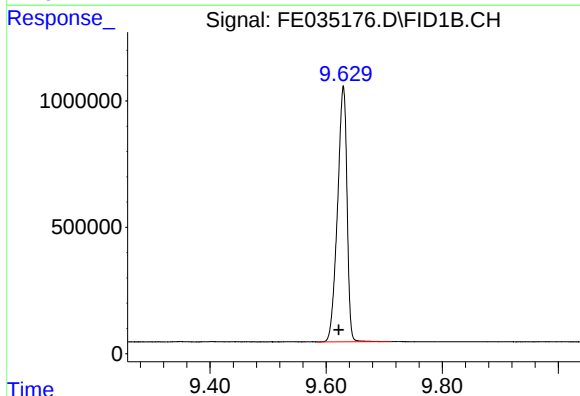
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.860 min  
Delta R.T.: 0.008 min  
Response: 12358417  
Conc: 99.53 ug/ml



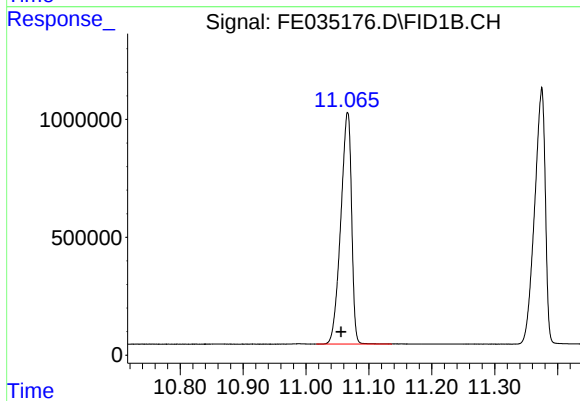
#6 n-Tetradecane (C14)

R.T.: 8.037 min  
Delta R.T.: 0.007 min  
Response: 11227841  
Conc: 97.54 ug/ml



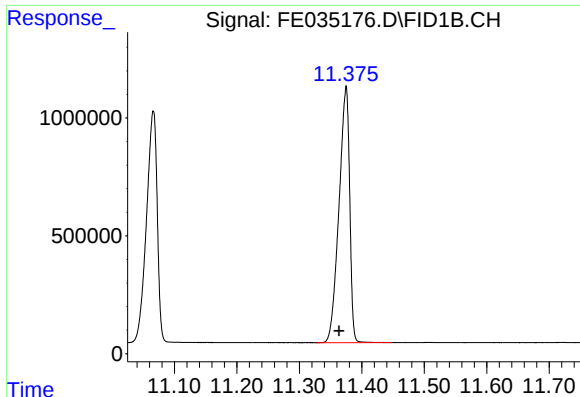
#7 n-Hexadecane (C16)

R.T.: 9.630 min  
Delta R.T.: 0.008 min  
Response: 11474024  
Conc: 98.32 ug/ml



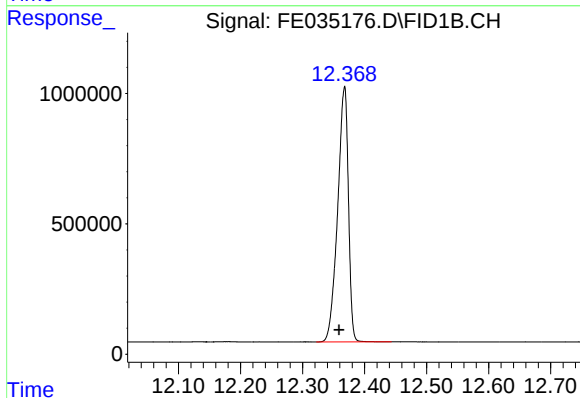
#8 n-Octadecane (C18)

R.T.: 11.066 min  
Delta R.T.: 0.010 min  
Response: 11740066  
Conc: 97.39 ug/ml



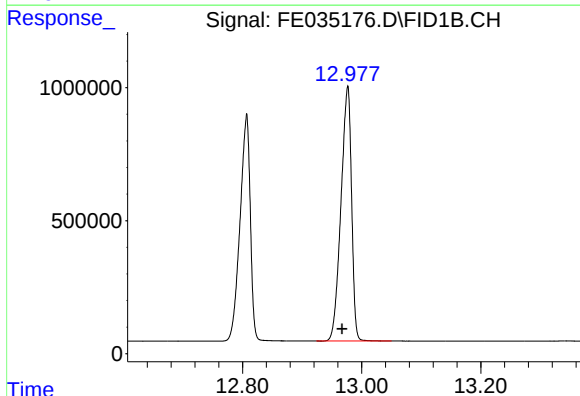
#9 ortho-Terphenyl (SURR)

R.T.: 11.375 min  
Delta R.T.: 0.011 min  
Response: 12857730  
Conc: 96.71 ug/ml



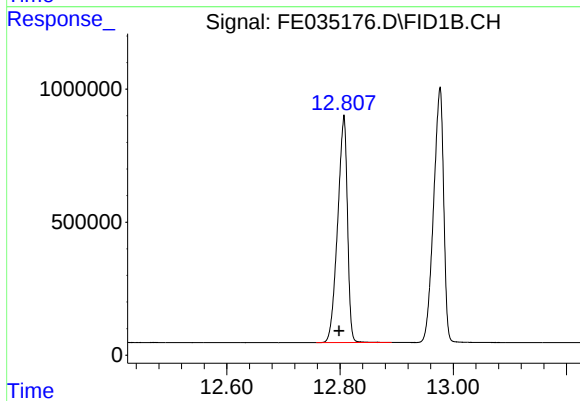
#10 n-Eicosane (C20)

R.T.: 12.368 min  
Delta R.T.: 0.009 min  
Response: 11780945  
Conc: 96.80 ug/ml



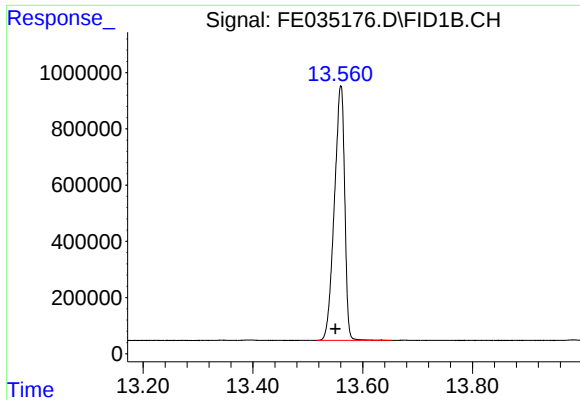
#11 n-Heneicosane (C21)

R.T.: 12.977 min  
Delta R.T.: 0.009 min  
Response: 11826444  
Conc: 96.43 ug/ml



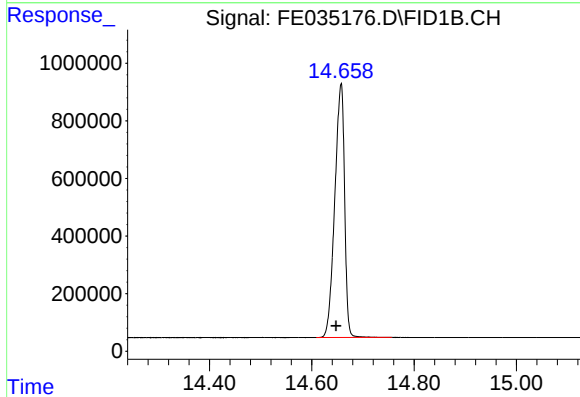
#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min  
Delta R.T.: 0.008 min  
Response: 10209963  
Conc: 97.57 ug/ml



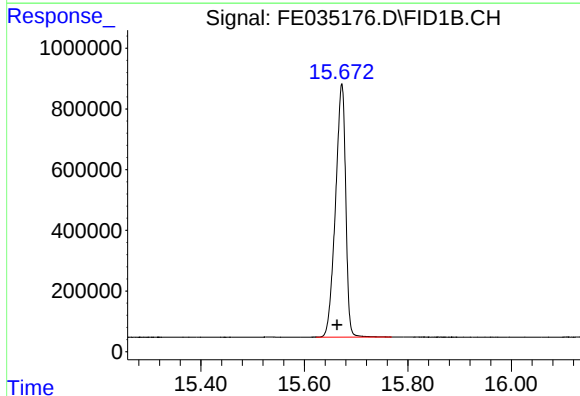
#13 n-Docosane (C22)

R.T.: 13.560 min  
Delta R.T.: 0.010 min  
Response: 11837394  
Conc: 96.60 ug/ml



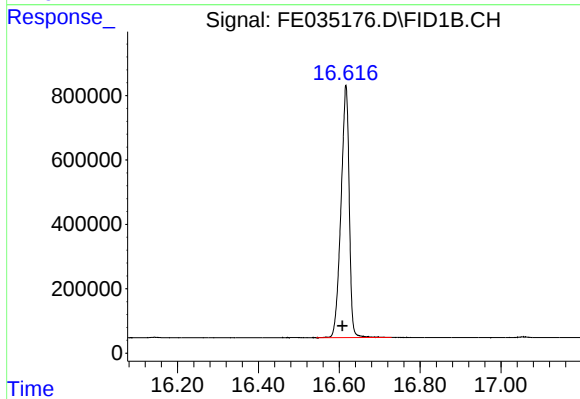
#14 n-Tetracosane (C24)

R.T.: 14.657 min  
Delta R.T.: 0.010 min  
Response: 11725576  
Conc: 95.80 ug/ml



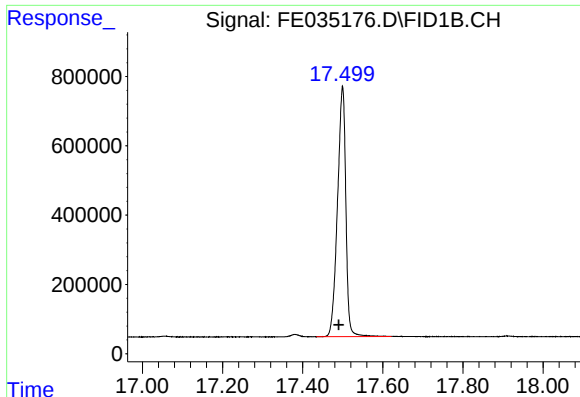
#15 n-Hexacosane (C26)

R.T.: 15.672 min  
Delta R.T.: 0.009 min  
Response: 11436994  
Conc: 95.25 ug/ml



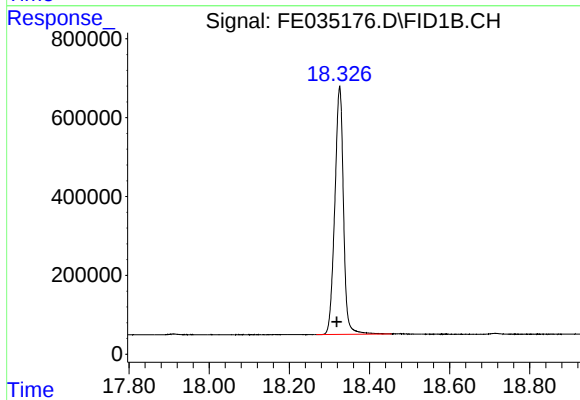
#16 n-Octacosane (C28)

R.T.: 16.617 min  
Delta R.T.: 0.009 min  
Response: 11051781  
Conc: 95.40 ug/ml



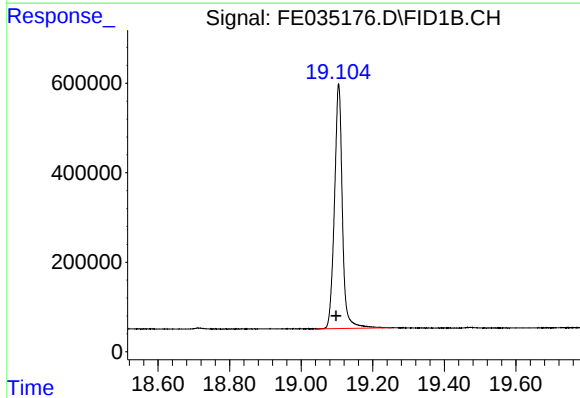
#17 n-Tricontane (C30)

R.T.: 17.500 min  
Delta R.T.: 0.010 min  
Response: 10445269  
Conc: 95.27 ug/ml



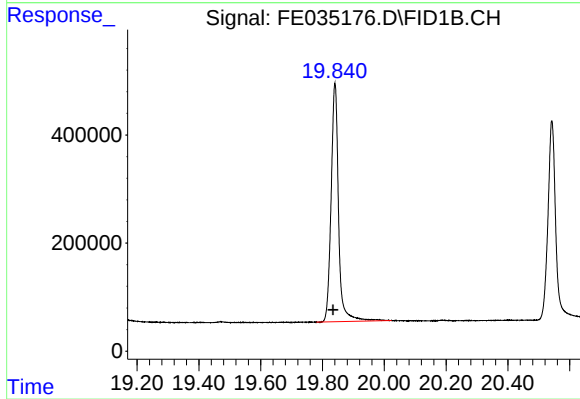
#18 n-Dotriacontane (C32)

R.T.: 18.326 min  
Delta R.T.: 0.007 min  
Response: 9427733  
Conc: 96.19 ug/ml



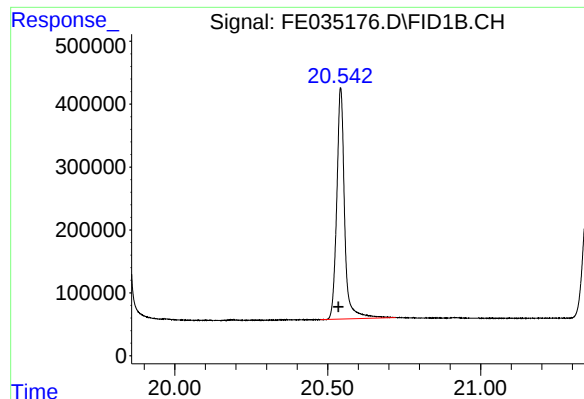
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min  
Delta R.T.: 0.007 min  
Response: 8388212  
Conc: 97.45 ug/ml



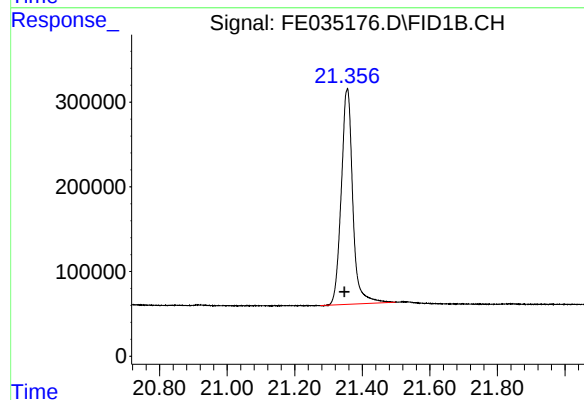
#20 n-Hexatriacontane (C36)

R.T.: 19.840 min  
Delta R.T.: 0.007 min  
Response: 7394208  
Conc: 100.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min  
Delta R.T.: 0.007 min  
Response: 6568119  
Conc: 104.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.356 min  
Delta R.T.: 0.009 min  
Response: 6028241  
Conc: 104.59 ug/ml