

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092121AL\  
 Data File : FD038855.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Sep 2021 21:26  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Sep 22 02:07:57 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 06:05:30 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)    | 11.679 | 3068085    | 20.873 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.75%       |
| 12) S 1-chlorooctadecane (S... | 13.104 | 2429943    | 20.890 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.78%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.439  | 2657086    | 20.863 ug/ml |
| 2) T n-Decane (C10)            | 4.509  | 2693964    | 20.799 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.101  | 3039918    | 20.875 ug/ml |
| 4) T n-Dodecane (C12)          | 6.525  | 2720486    | 20.710 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.155  | 3076127    | 20.798 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.317  | 2771440    | 20.562 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.915  | 2803401    | 20.504 ug/ml |
| 8) T n-Octadecane (C18)        | 11.354 | 2889893    | 20.679 ug/ml |
| 10) T n-Eicosane (C20)         | 12.659 | 2873231    | 20.838 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.269 | 2898742    | 20.857 ug/ml |
| 13) T n-Docosane (C22)         | 13.853 | 2902702    | 21.306 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.952 | 2976043    | 22.275 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.968 | 2848432    | 22.462 ug/ml |
| 16) T n-Octacosane (C28)       | 16.913 | 2739648    | 22.657 ug/ml |
| 17) T n-Tricontane (C30)       | 17.796 | 2585090    | 22.536 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.625 | 2365744    | 21.875 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.405 | 2153688    | 20.687 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.140 | 1903582    | 19.414 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.880 | 1727916    | 18.325 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.806 | 1690210    | 17.852 ug/ml |
| -----                          |        |            |              |

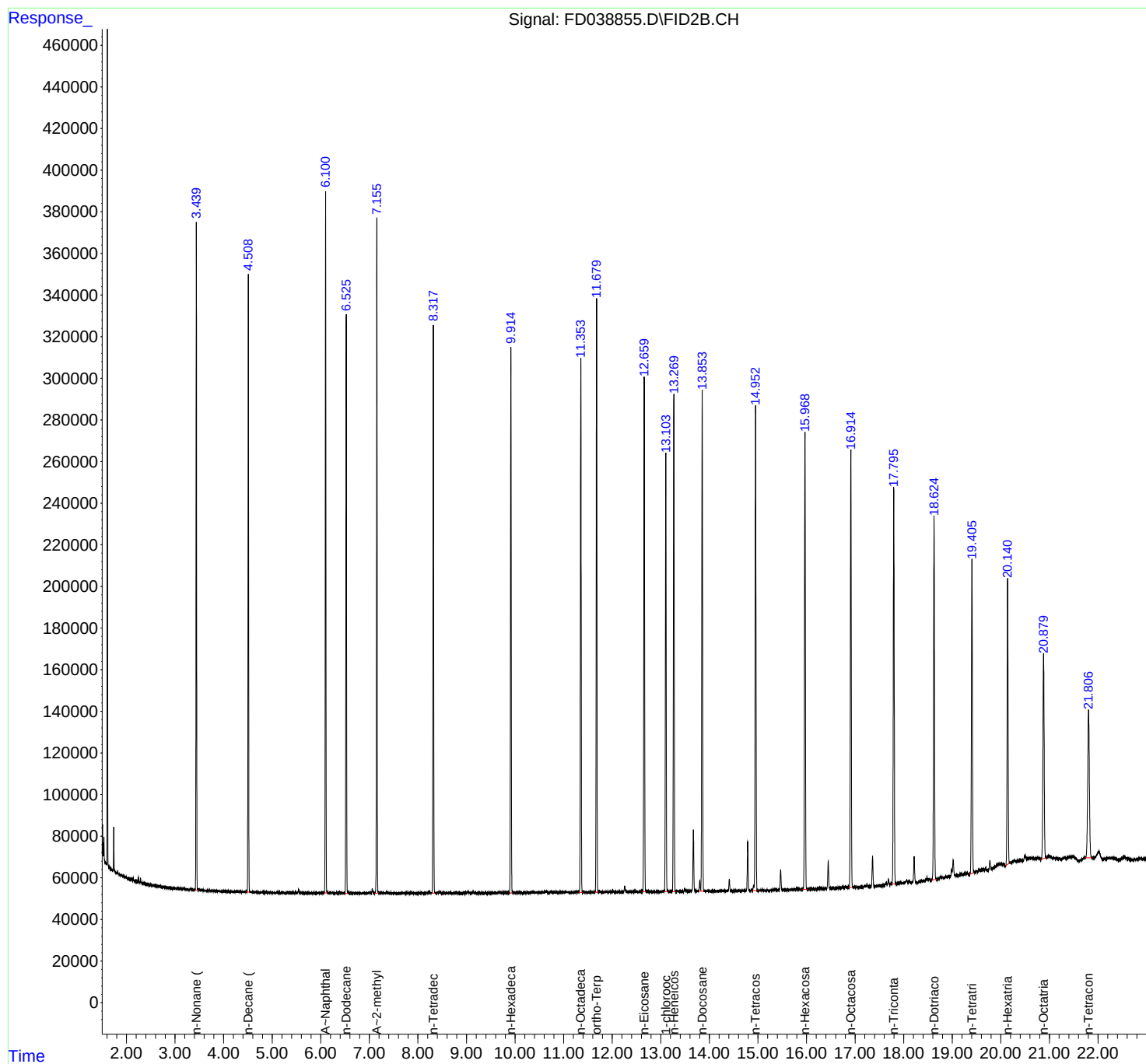
(f)=RT Delta > 1/2 Window

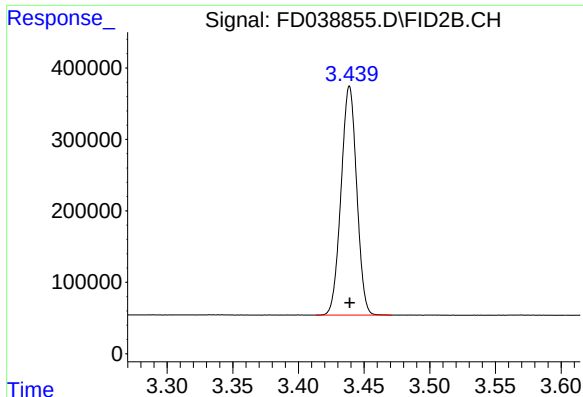
(m)=manual int.

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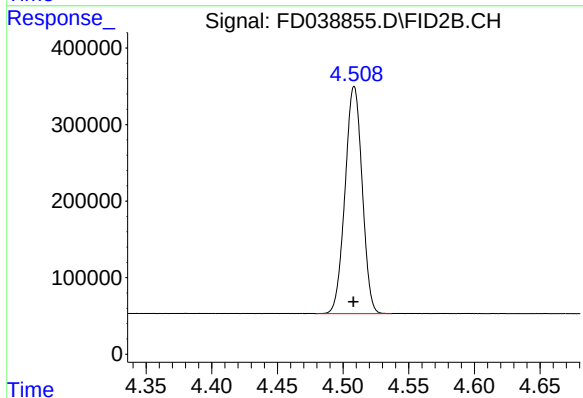
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Signal Info : 20M x 0.18mm x 0.18um





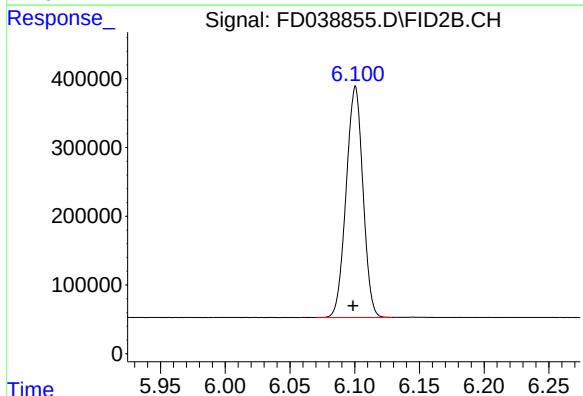
#1 n-Nonane (C9)

R.T.: 3.439 min  
Delta R.T.: 0.000 min  
Response: 2657086  
Conc: 20.86 ug/ml



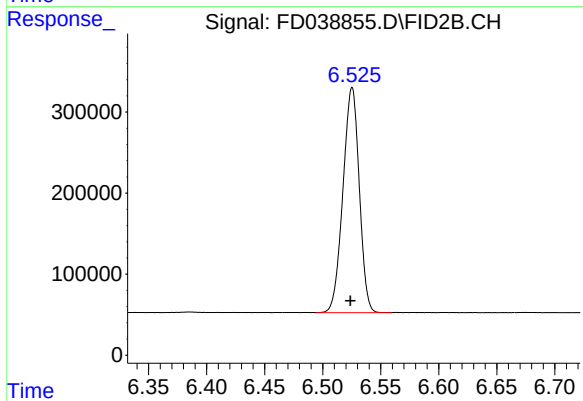
#2 n-Decane (C10)

R.T.: 4.509 min  
Delta R.T.: 0.000 min  
Response: 2693964  
Conc: 20.80 ug/ml



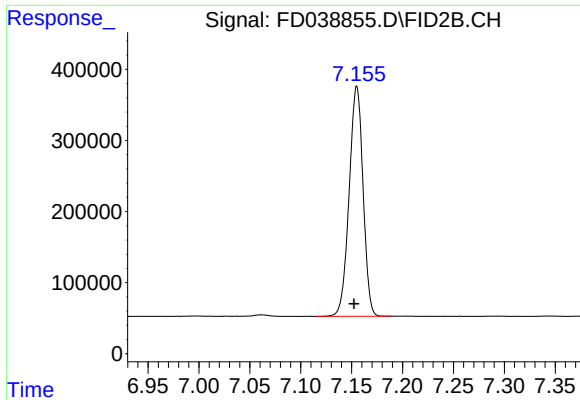
#3 A~Naphthalene (C11.7)

R.T.: 6.101 min  
Delta R.T.: 0.002 min  
Response: 3039918  
Conc: 20.88 ug/ml



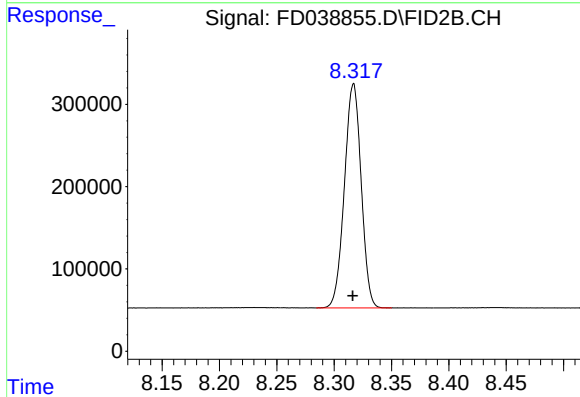
#4 n-Dodecane (C12)

R.T.: 6.525 min  
Delta R.T.: 0.001 min  
Response: 2720486  
Conc: 20.71 ug/ml



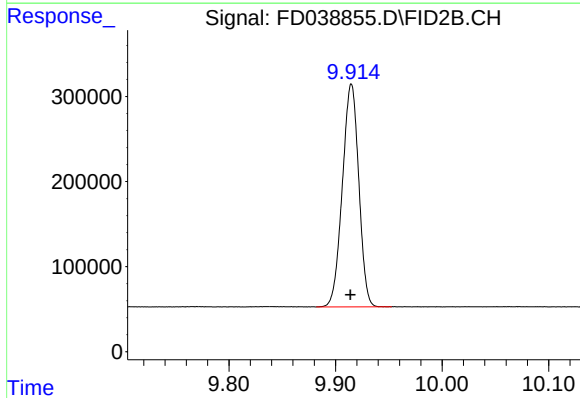
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.155 min  
Delta R.T.: 0.003 min  
Response: 3076127  
Conc: 20.80 ug/ml



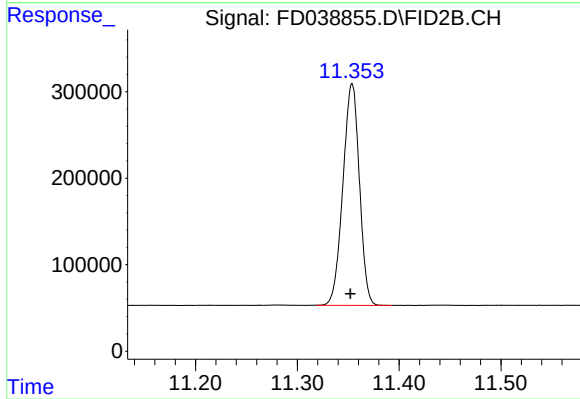
#6 n-Tetradecane (C14)

R.T.: 8.317 min  
Delta R.T.: 0.000 min  
Response: 2771440  
Conc: 20.56 ug/ml



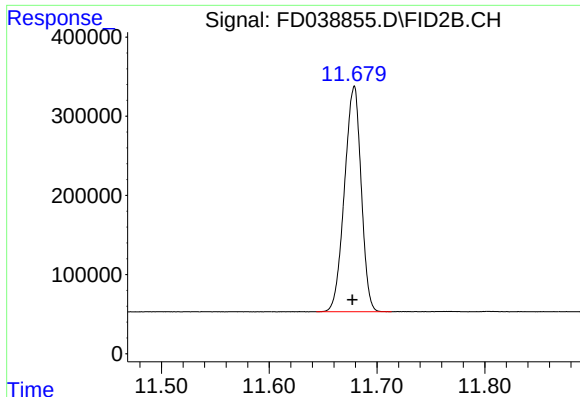
#7 n-Hexadecane (C16)

R.T.: 9.915 min  
Delta R.T.: 0.001 min  
Response: 2803401  
Conc: 20.50 ug/ml



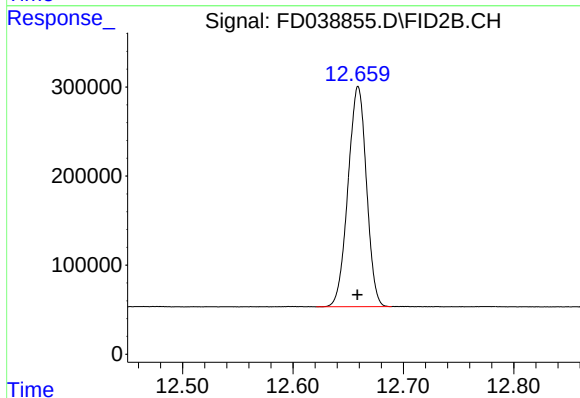
#8 n-Octadecane (C18)

R.T.: 11.354 min  
Delta R.T.: 0.002 min  
Response: 2889893  
Conc: 20.68 ug/ml



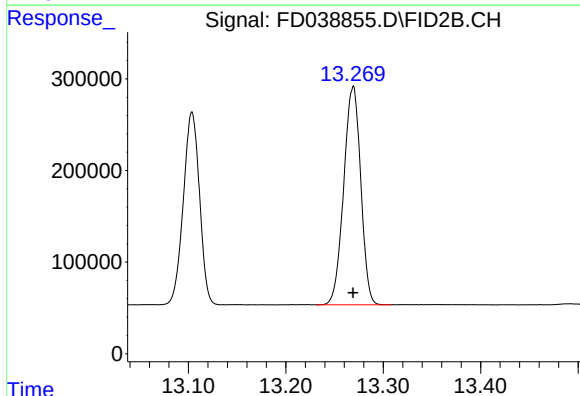
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min  
Delta R.T.: 0.002 min  
Response: 3068085  
Conc: 20.87 ug/ml



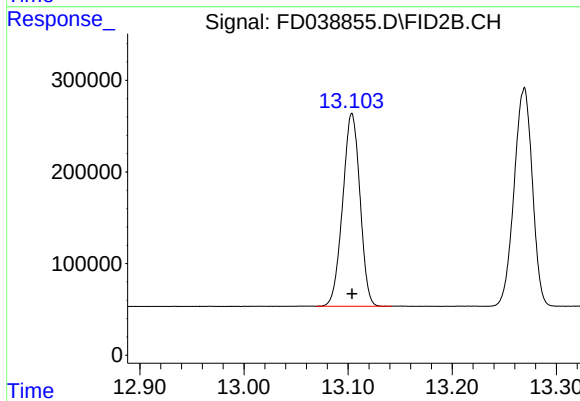
#10 n-Eicosane (C20)

R.T.: 12.659 min  
Delta R.T.: 0.000 min  
Response: 2873231  
Conc: 20.84 ug/ml



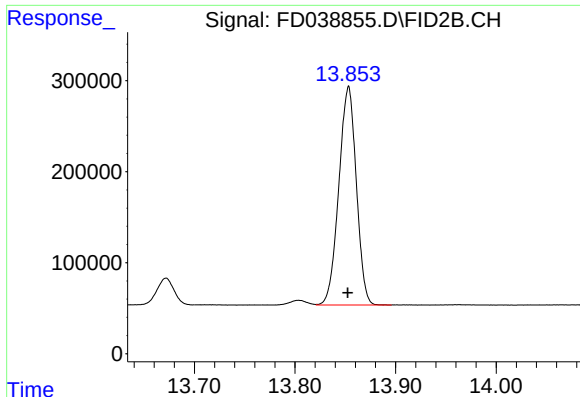
#11 n-Heneicosane (C21)

R.T.: 13.269 min  
Delta R.T.: 0.000 min  
Response: 2898742  
Conc: 20.86 ug/ml



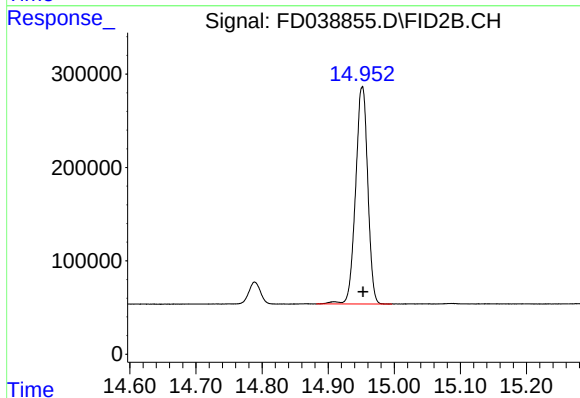
#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min  
Delta R.T.: 0.000 min  
Response: 2429943  
Conc: 20.89 ug/ml



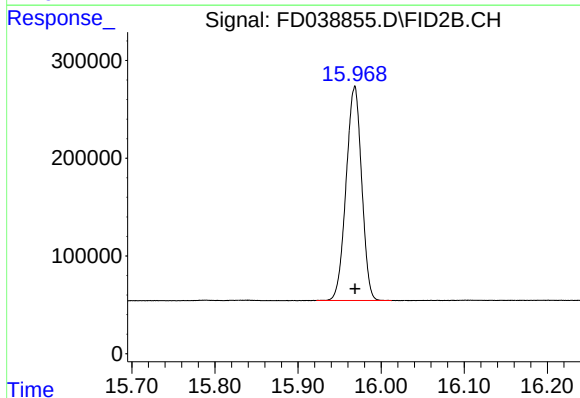
#13 n-Docosane (C22)

R.T.: 13.853 min  
Delta R.T.: 0.000 min  
Response: 2902702  
Conc: 21.31 ug/ml



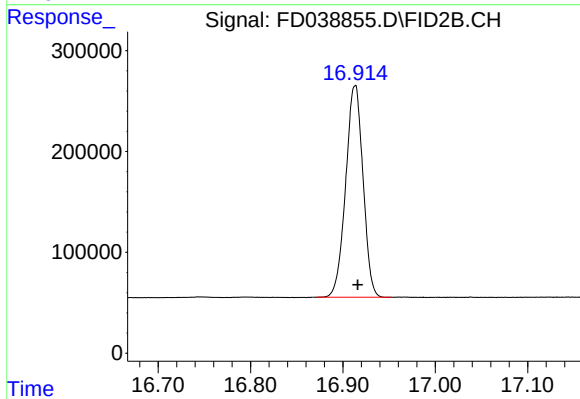
#14 n-Tetracosane (C24)

R.T.: 14.952 min  
Delta R.T.: -0.001 min  
Response: 2976043  
Conc: 22.28 ug/ml



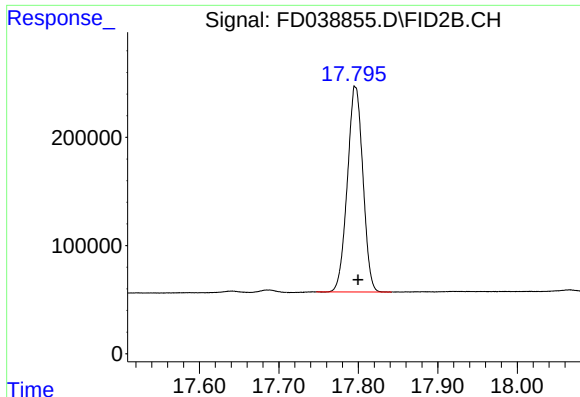
#15 n-Hexacosane (C26)

R.T.: 15.968 min  
Delta R.T.: 0.000 min  
Response: 2848432  
Conc: 22.46 ug/ml



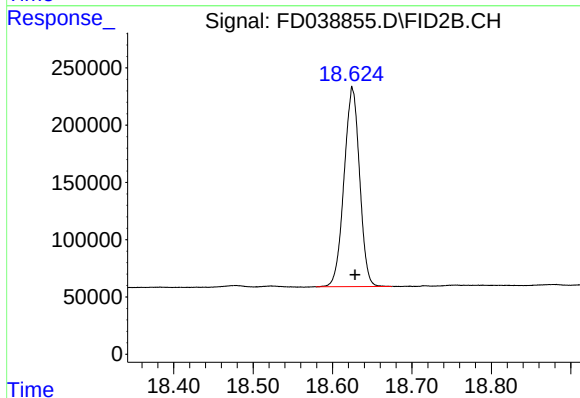
#16 n-Octacosane (C28)

R.T.: 16.913 min  
Delta R.T.: -0.003 min  
Response: 2739648  
Conc: 22.66 ug/ml



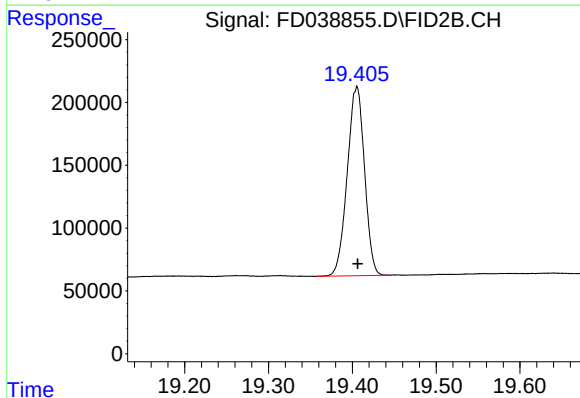
#17 n-Tricontane (C30)

R.T.: 17.796 min  
Delta R.T.: -0.004 min  
Response: 2585090  
Conc: 22.54 ug/ml



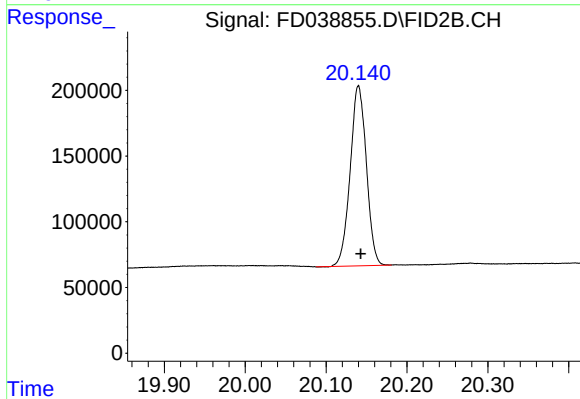
#18 n-Dotriacontane (C32)

R.T.: 18.625 min  
Delta R.T.: -0.003 min  
Response: 2365744  
Conc: 21.87 ug/ml



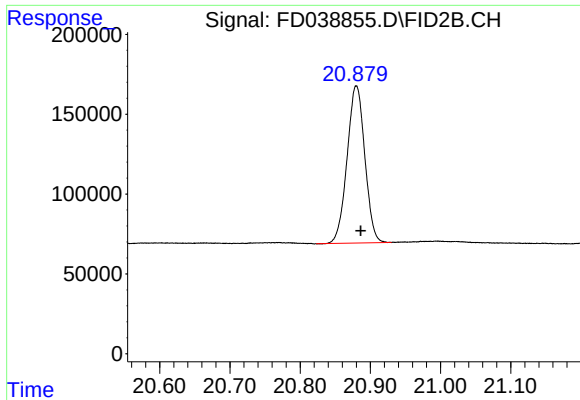
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min  
Delta R.T.: -0.001 min  
Response: 2153688  
Conc: 20.69 ug/ml



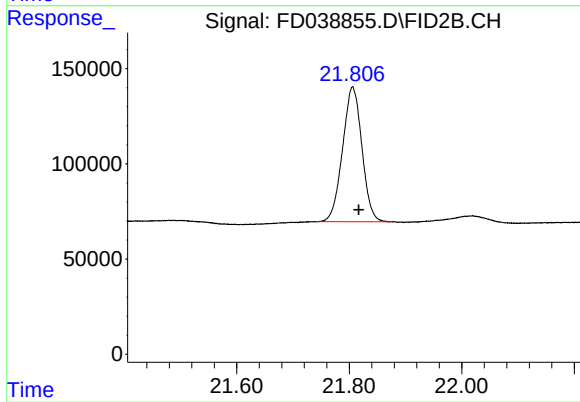
#20 n-Hexatriacontane (C36)

R.T.: 20.140 min  
Delta R.T.: -0.003 min  
Response: 1903582  
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.880 min  
Delta R.T.: -0.006 min  
Response: 1727916  
Conc: 18.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.806 min  
Delta R.T.: -0.011 min  
Response: 1690210  
Conc: 17.85 ug/ml