

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030723AL\  
 Data File : FC063121.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Mar 2023 15:26  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 07 22:10:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:36:00 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.540 | 2625376    | 20.226 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.45%       |
| 12) S 1-chlorooctadecane (S... | 12.977 | 2003795    | 20.542 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.08%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.299  | 2459647    | 20.746 ug/ml |
| 2) T n-Decane (C10)            | 4.366  | 2400067    | 20.814 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.951  | 2652695    | 20.742 ug/ml |
| 4) T n-Dodecane (C12)          | 6.386  | 2395289    | 20.743 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.009  | 2456799    | 20.873 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.182  | 2350517    | 20.798 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.783  | 2377390    | 20.666 ug/ml |
| 8) T n-Octadecane (C18)        | 11.225 | 2390166    | 20.521 ug/ml |
| 10) T n-Eicosane (C20)         | 12.534 | 2324422    | 20.400 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.145 | 2330153    | 20.446 ug/ml |
| 13) T n-Docosane (C22)         | 13.731 | 2308584    | 20.469 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.833 | 2318874    | 20.692 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.851 | 2311707    | 20.903 ug/ml |
| 16) T n-Octacosane (C28)       | 16.800 | 2319873    | 21.084 ug/ml |
| 17) T n-Tricontane (C30)       | 17.687 | 2352242    | 21.360 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.519 | 2395537    | 21.464 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.300 | 2389244    | 21.377 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.039 | 2280722    | 21.010 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.768 | 2299928    | 21.165 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.671 | 2325280    | 21.374 ug/ml |
| -----                          |        |            |              |

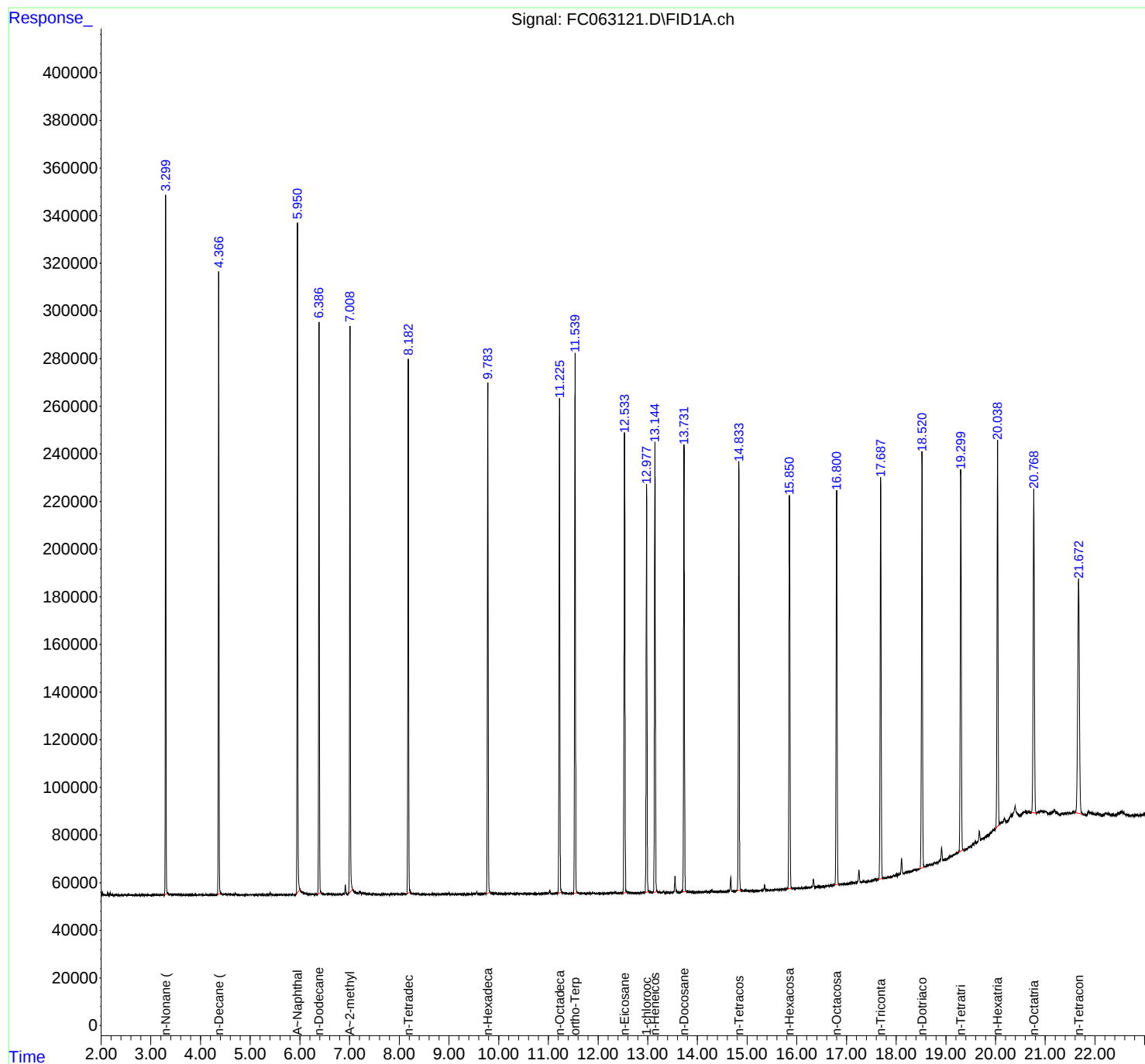
(f)=RT Delta > 1/2 Window

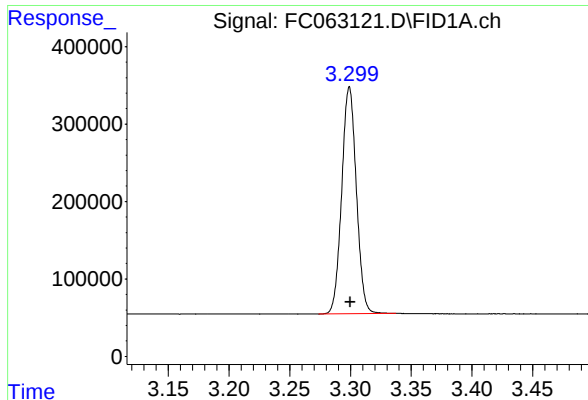
(m)=manual int.

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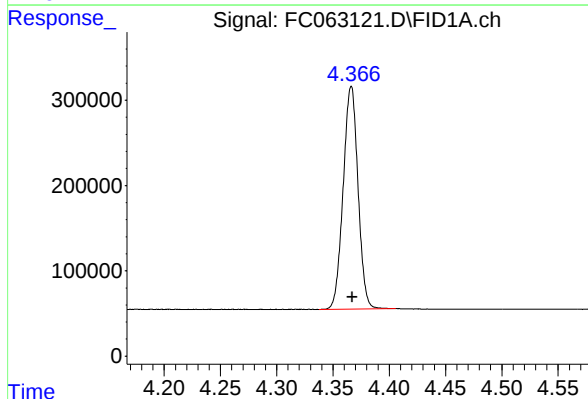
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





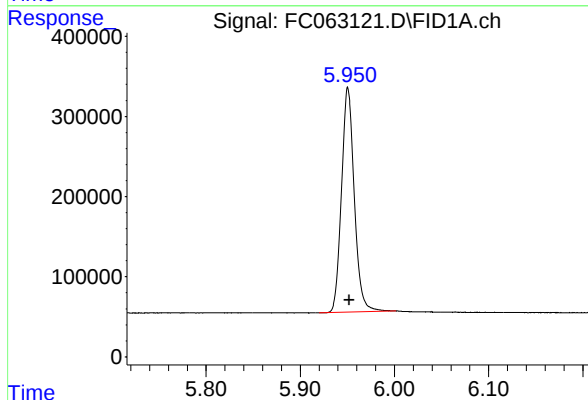
#1 n-Nonane (C9)

R.T.: 3.299 min  
Delta R.T.: 0.000 min  
Response: 2459647  
Conc: 20.75 ug/ml



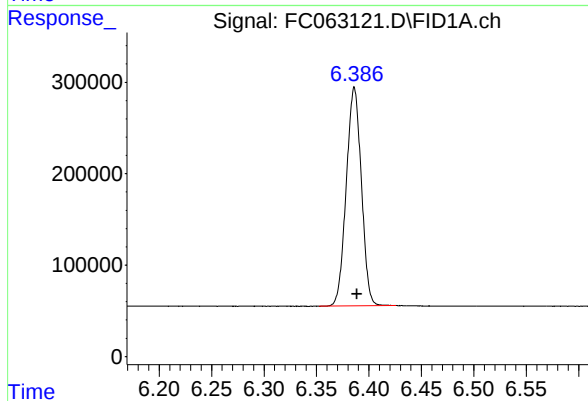
#2 n-Decane (C10)

R.T.: 4.366 min  
Delta R.T.: 0.000 min  
Response: 2400067  
Conc: 20.81 ug/ml



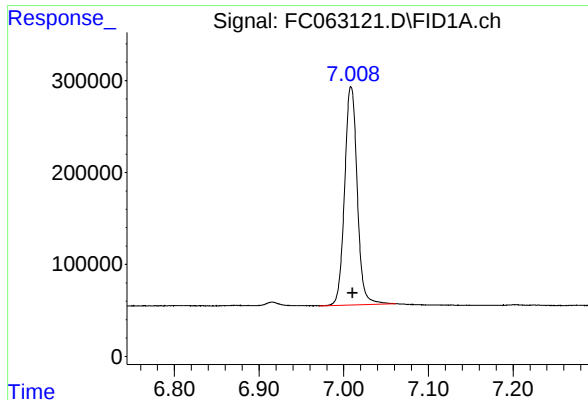
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min  
Delta R.T.: -0.001 min  
Response: 2652695  
Conc: 20.74 ug/ml



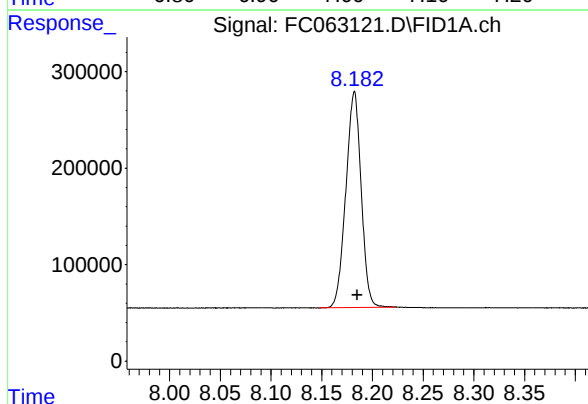
#4 n-Dodecane (C12)

R.T.: 6.386 min  
Delta R.T.: -0.003 min  
Response: 2395289  
Conc: 20.74 ug/ml



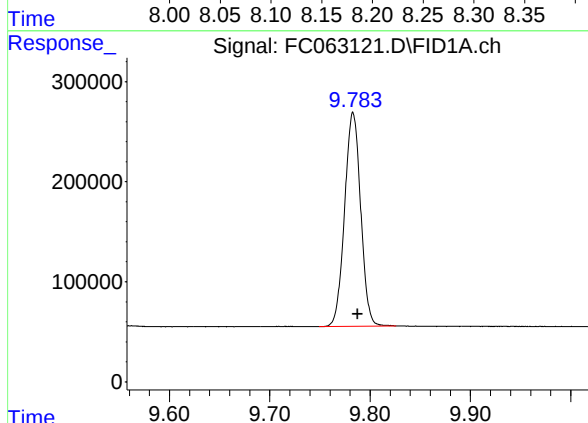
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min  
Delta R.T.: -0.002 min  
Response: 2456799  
Conc: 20.87 ug/ml



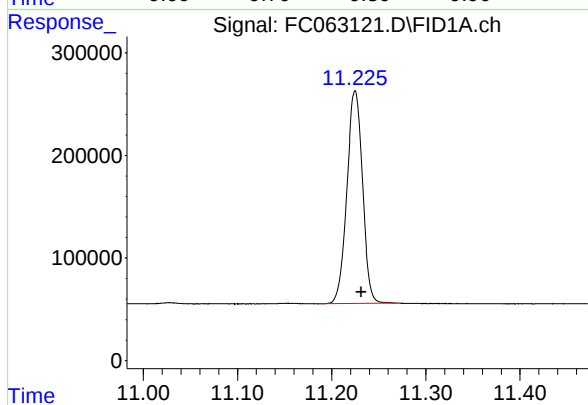
#6 n-Tetradecane (C14)

R.T.: 8.182 min  
Delta R.T.: -0.003 min  
Response: 2350517  
Conc: 20.80 ug/ml



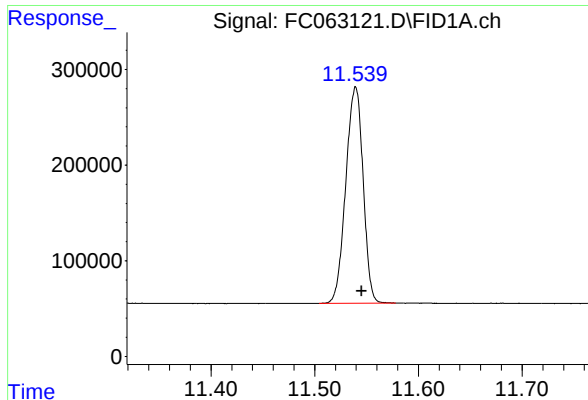
#7 n-Hexadecane (C16)

R.T.: 9.783 min  
Delta R.T.: -0.005 min  
Response: 2377390  
Conc: 20.67 ug/ml



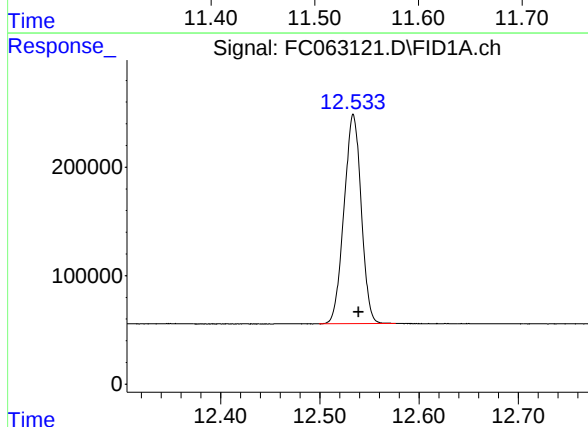
#8 n-Octadecane (C18)

R.T.: 11.225 min  
Delta R.T.: -0.007 min  
Response: 2390166  
Conc: 20.52 ug/ml



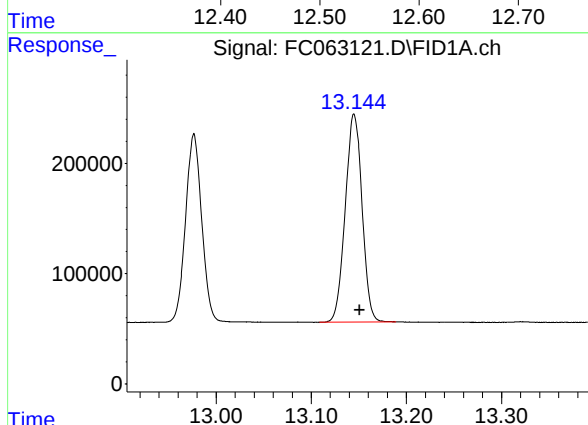
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min  
Delta R.T.: -0.006 min  
Response: 2625376  
Conc: 20.23 ug/ml



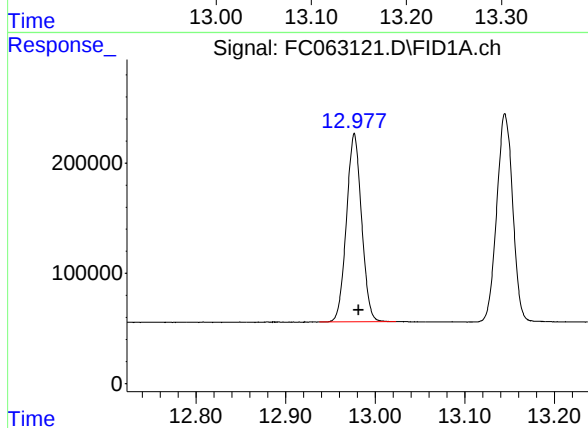
#10 n-Eicosane (C20)

R.T.: 12.534 min  
Delta R.T.: -0.006 min  
Response: 2324422  
Conc: 20.40 ug/ml



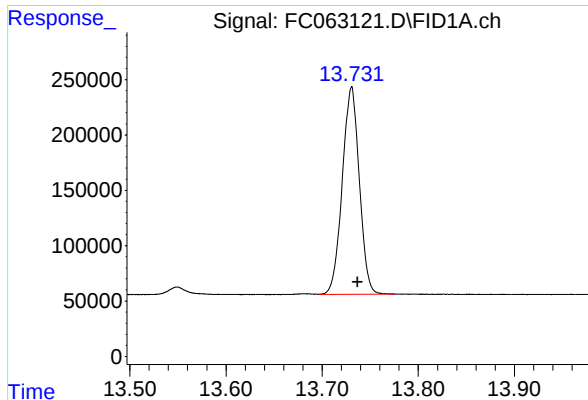
#11 n-Heneicosane (C21)

R.T.: 13.145 min  
Delta R.T.: -0.006 min  
Response: 2330153  
Conc: 20.45 ug/ml



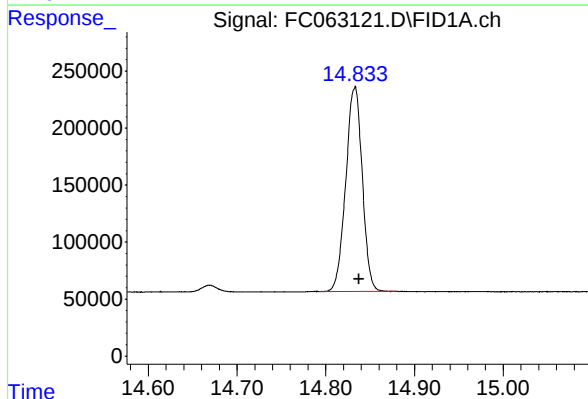
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min  
Delta R.T.: -0.005 min  
Response: 2003795  
Conc: 20.54 ug/ml



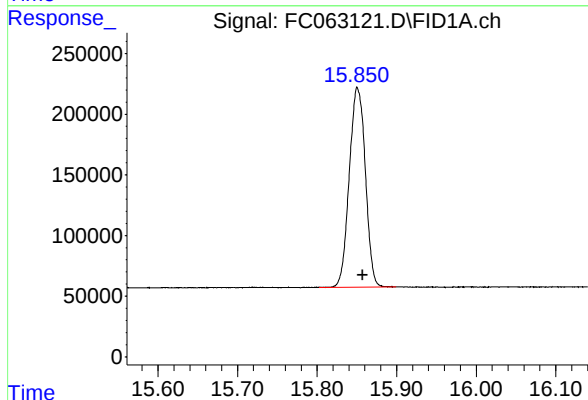
#13 n-Docosane (C22)

R.T.: 13.731 min  
Delta R.T.: -0.006 min  
Response: 2308584  
Conc: 20.47 ug/ml



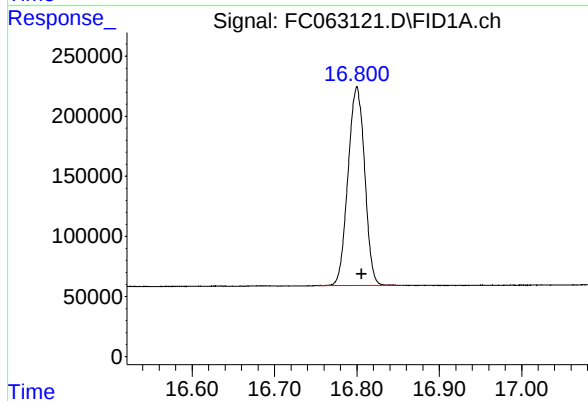
#14 n-Tetracosane (C24)

R.T.: 14.833 min  
Delta R.T.: -0.005 min  
Response: 2318874  
Conc: 20.69 ug/ml



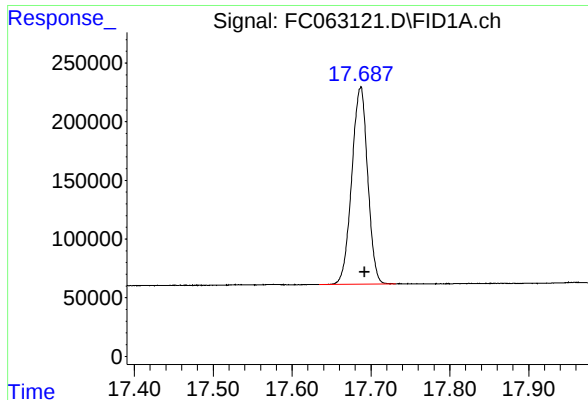
#15 n-Hexacosane (C26)

R.T.: 15.851 min  
Delta R.T.: -0.007 min  
Response: 2311707  
Conc: 20.90 ug/ml



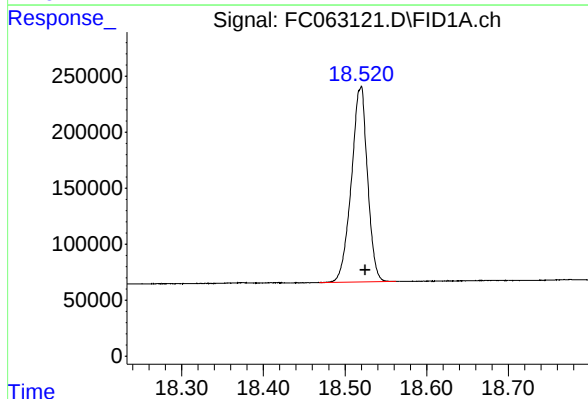
#16 n-Octacosane (C28)

R.T.: 16.800 min  
Delta R.T.: -0.006 min  
Response: 2319873  
Conc: 21.08 ug/ml



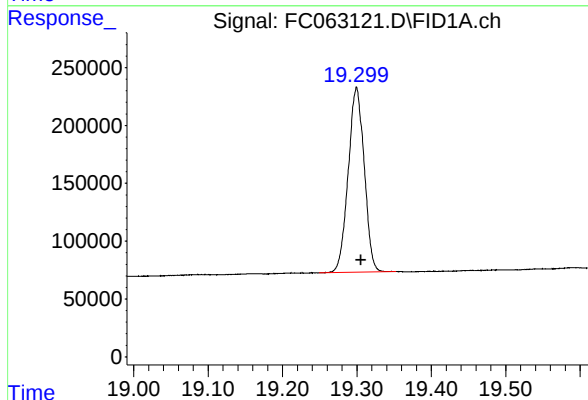
#17 n-Tricontane (C30)

R.T.: 17.687 min  
Delta R.T.: -0.005 min  
Response: 2352242  
Conc: 21.36 ug/ml



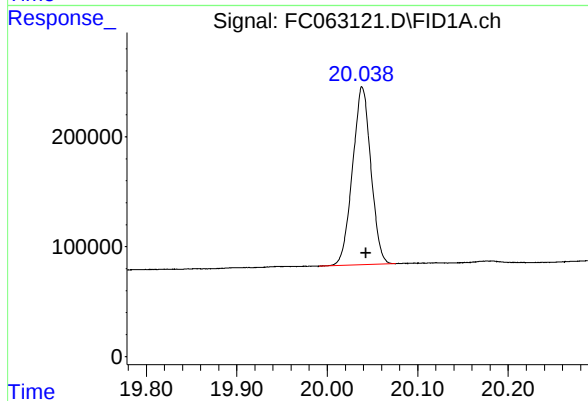
#18 n-Dotriacontane (C32)

R.T.: 18.519 min  
Delta R.T.: -0.005 min  
Response: 2395537  
Conc: 21.46 ug/ml



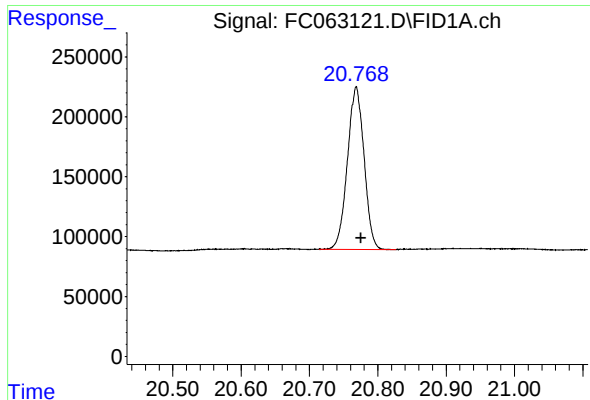
#19 n-Tetatriacontane (C34)

R.T.: 19.300 min  
Delta R.T.: -0.006 min  
Response: 2389244  
Conc: 21.38 ug/ml



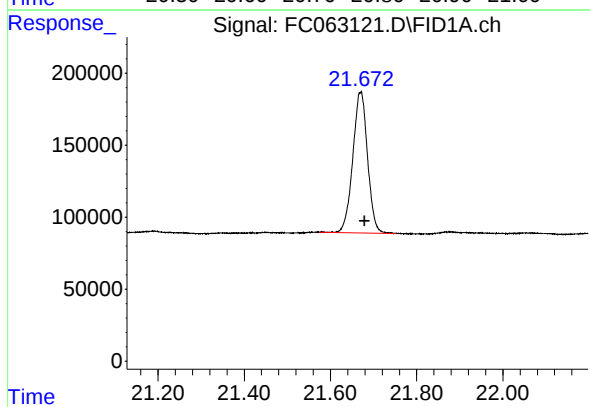
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min  
Delta R.T.: -0.004 min  
Response: 2280722  
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.768 min  
Delta R.T.: -0.007 min  
Response: 2299928  
Conc: 21.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.671 min  
Delta R.T.: -0.008 min  
Response: 2325280  
Conc: 21.37 ug/ml