

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022223AL\  
 Data File : FC062967.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Feb 2023 18:54  
 Operator : YP/AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 22 04:33:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:30:51 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)    | 11.535 | 1377173    | 10.637 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.27%       |
| 12) S 1-chlorooctadecane (S... | 12.975 | 1032808    | 10.546 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 21.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.296  | 1249549    | 10.475 ug/ml |
| 2) T n-Decane (C10)            | 4.363  | 1214058    | 10.468 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.947  | 1324266    | 10.200 ug/ml |
| 4) T n-Dodecane (C12)          | 6.382  | 1213230    | 10.443 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.005  | 1208612    | 9.946 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.179  | 1175204    | 10.308 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.780  | 1198698    | 10.288 ug/ml |
| 8) T n-Octadecane (C18)        | 11.222 | 1230060    | 10.475 ug/ml |
| 10) T n-Eicosane (C20)         | 12.531 | 1210095    | 10.615 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.143 | 1209542    | 10.625 ug/ml |
| 13) T n-Docosane (C22)         | 13.728 | 1202423    | 10.685 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.831 | 1190607    | 10.643 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.849 | 1178917    | 10.654 ug/ml |
| 16) T n-Octacosane (C28)       | 16.797 | 1172661    | 10.659 ug/ml |
| 17) T n-Tricontane (C30)       | 17.684 | 1176066    | 10.689 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.515 | 1193163    | 10.693 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.296 | 1193150    | 10.661 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.034 | 1155849    | 10.580 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.763 | 1150931    | 10.557 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.665 | 1147992    | 10.494 ug/ml |
| -----                          |        |            |              |

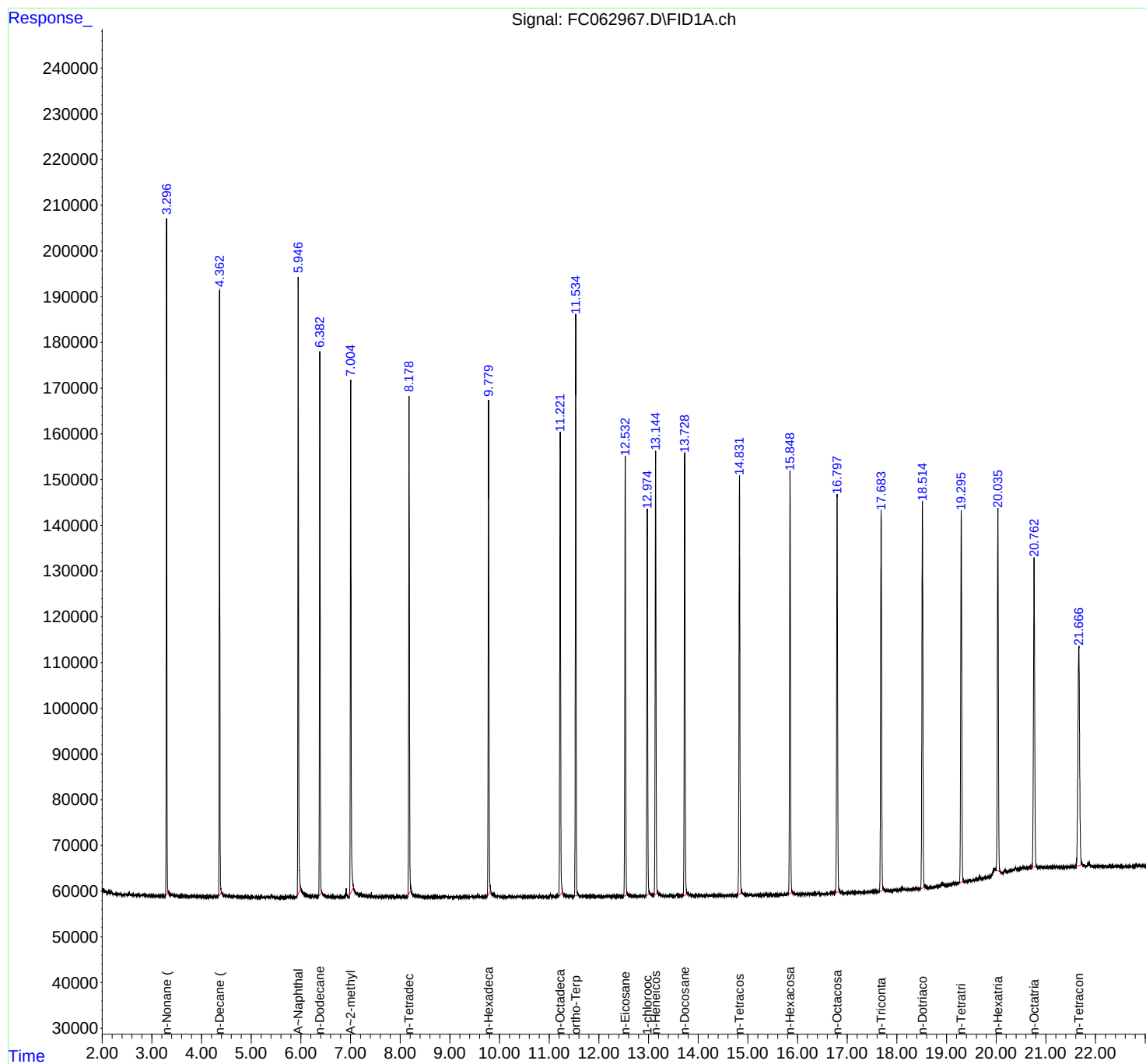
(f)=RT Delta > 1/2 Window

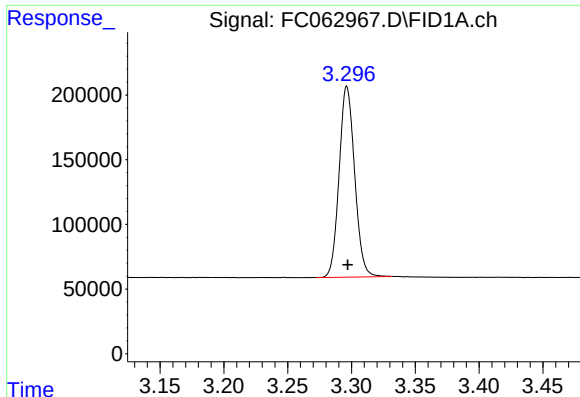
(m)=manual int.

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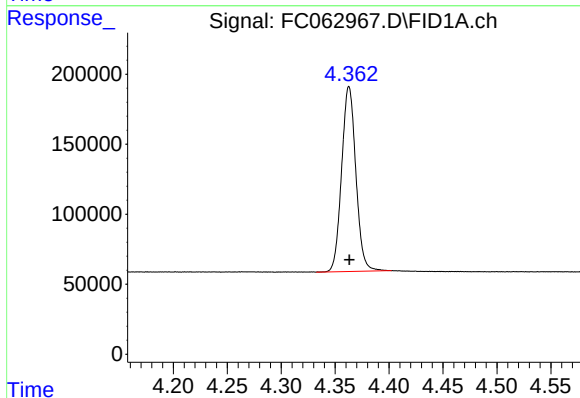
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





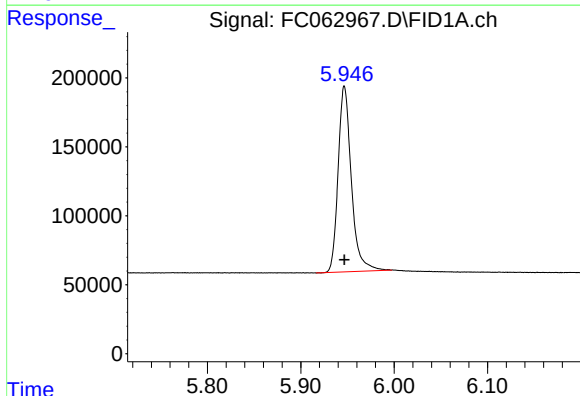
#1 n-Nonane (C9)

R.T.: 3.296 min  
Delta R.T.: 0.000 min  
Response: 1249549  
Conc: 10.47 ug/ml



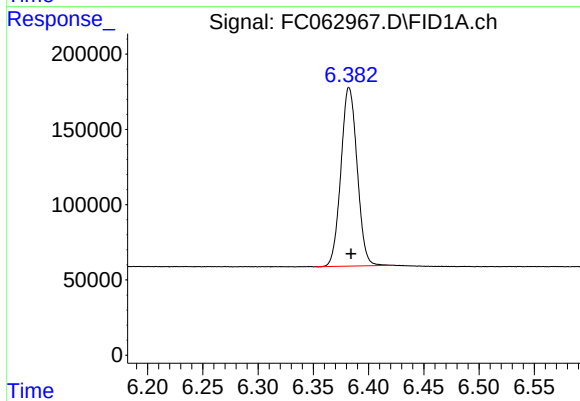
#2 n-Decane (C10)

R.T.: 4.363 min  
Delta R.T.: 0.000 min  
Response: 1214058  
Conc: 10.47 ug/ml



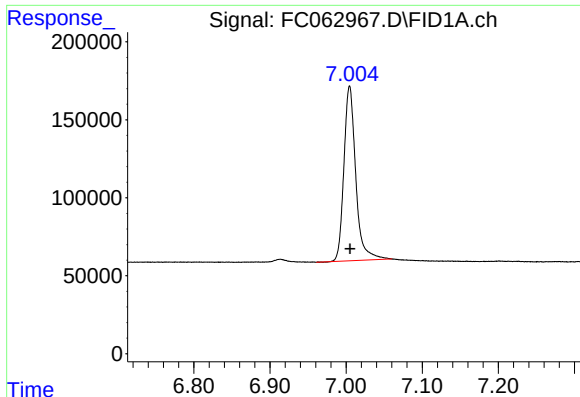
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 1324266  
Conc: 10.20 ug/ml



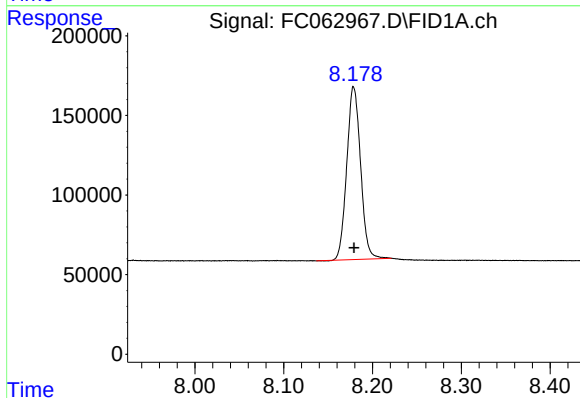
#4 n-Dodecane (C12)

R.T.: 6.382 min  
Delta R.T.: -0.002 min  
Response: 1213230  
Conc: 10.44 ug/ml



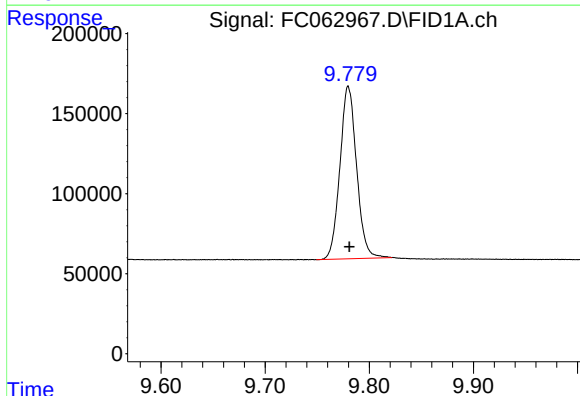
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 1208612  
Conc: 9.95 ug/ml



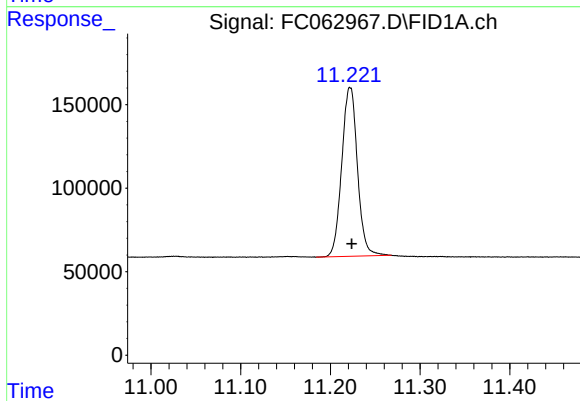
#6 n-Tetradecane (C14)

R.T.: 8.179 min  
Delta R.T.: 0.000 min  
Response: 1175204  
Conc: 10.31 ug/ml



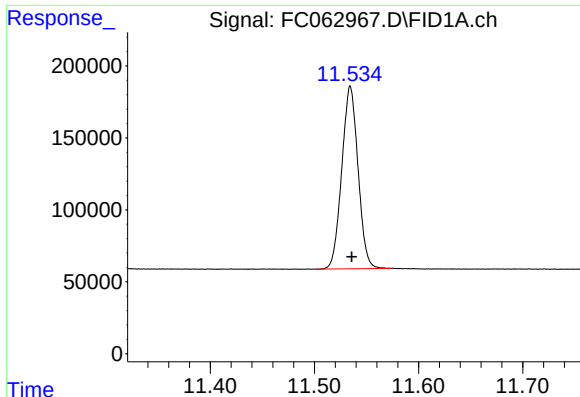
#7 n-Hexadecane (C16)

R.T.: 9.780 min  
Delta R.T.: -0.001 min  
Response: 1198698  
Conc: 10.29 ug/ml



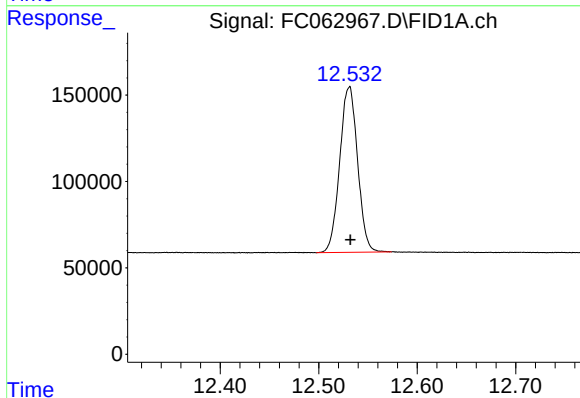
#8 n-Octadecane (C18)

R.T.: 11.222 min  
Delta R.T.: -0.002 min  
Response: 1230060  
Conc: 10.48 ug/ml



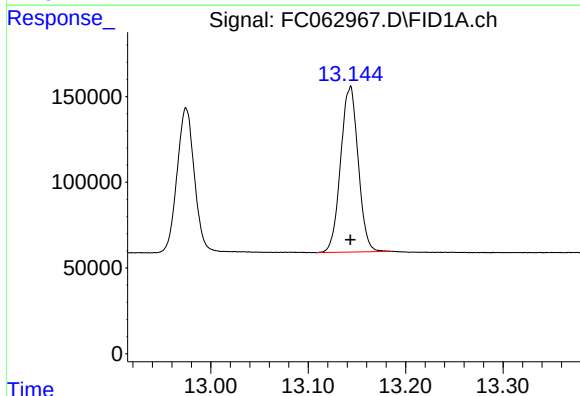
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min  
Delta R.T.: -0.001 min  
Response: 1377173  
Conc: 10.64 ug/ml



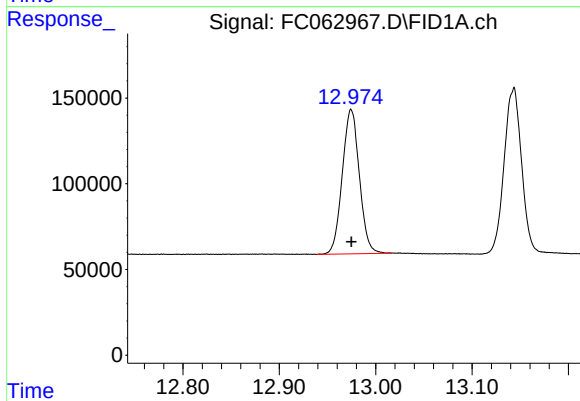
#10 n-Eicosane (C20)

R.T.: 12.531 min  
Delta R.T.: -0.001 min  
Response: 1210095  
Conc: 10.62 ug/ml



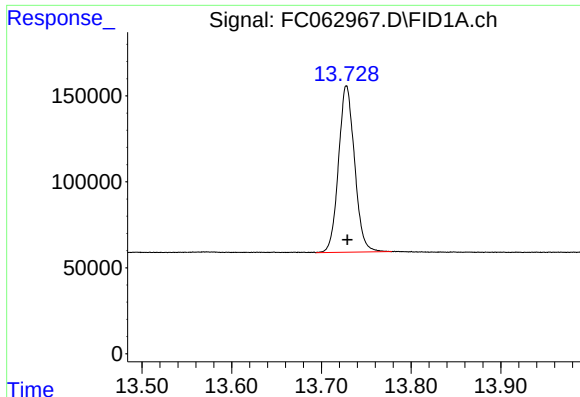
#11 n-Heneicosane (C21)

R.T.: 13.143 min  
Delta R.T.: 0.000 min  
Response: 1209542  
Conc: 10.62 ug/ml



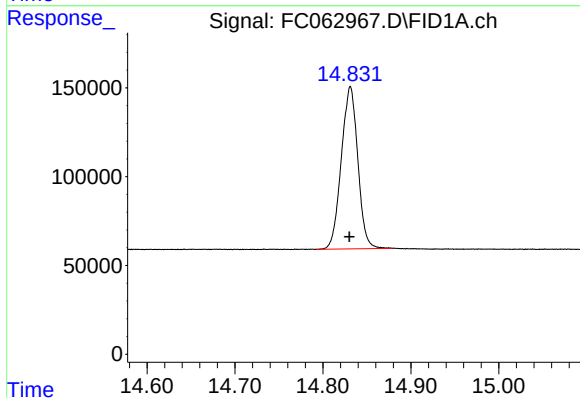
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min  
Delta R.T.: 0.000 min  
Response: 1032808  
Conc: 10.55 ug/ml



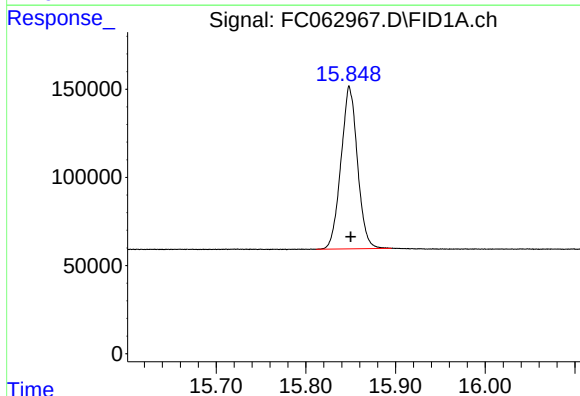
#13 n-Docosane (C22)

R.T.: 13.728 min  
Delta R.T.: 0.000 min  
Response: 1202423  
Conc: 10.69 ug/ml



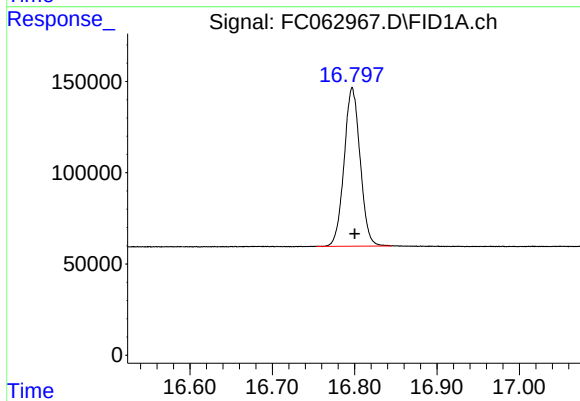
#14 n-Tetracosane (C24)

R.T.: 14.831 min  
Delta R.T.: 0.001 min  
Response: 1190607  
Conc: 10.64 ug/ml



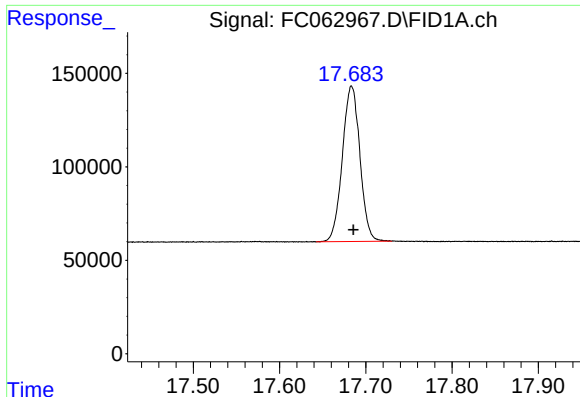
#15 n-Hexacosane (C26)

R.T.: 15.849 min  
Delta R.T.: -0.001 min  
Response: 1178917  
Conc: 10.65 ug/ml



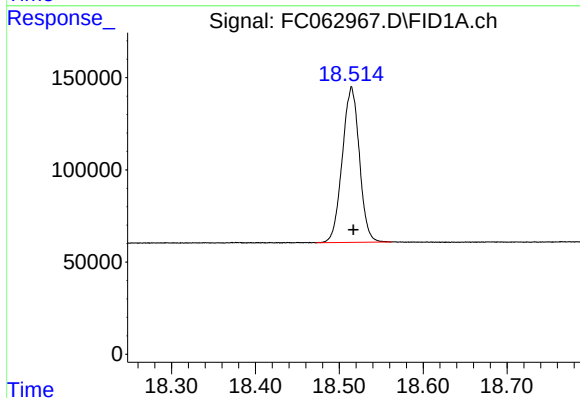
#16 n-Octacosane (C28)

R.T.: 16.797 min  
Delta R.T.: -0.003 min  
Response: 1172661  
Conc: 10.66 ug/ml



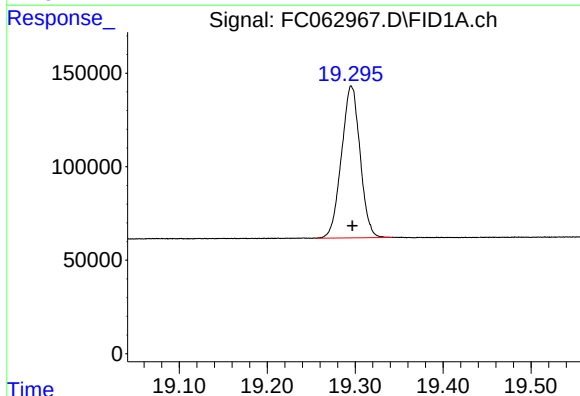
#17 n-Tricontane (C30)

R.T.: 17.684 min  
Delta R.T.: -0.002 min  
Response: 1176066  
Conc: 10.69 ug/ml



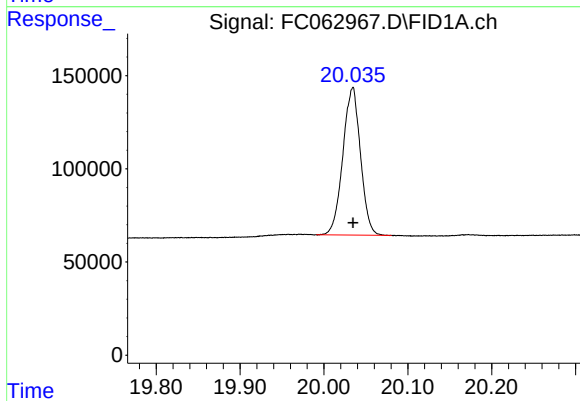
#18 n-Dotriacontane (C32)

R.T.: 18.515 min  
Delta R.T.: -0.002 min  
Response: 1193163  
Conc: 10.69 ug/ml



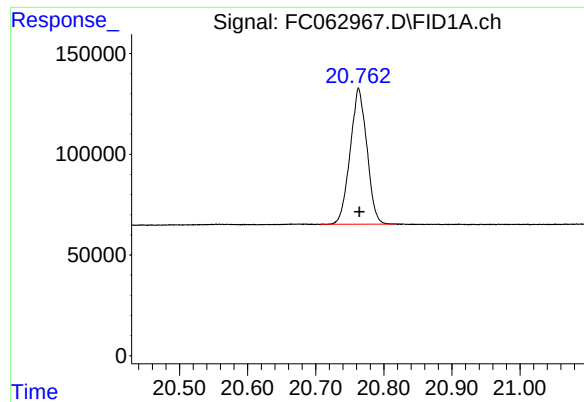
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min  
Delta R.T.: -0.001 min  
Response: 1193150  
Conc: 10.66 ug/ml



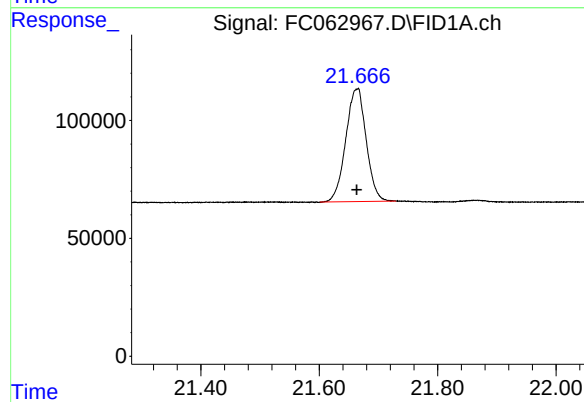
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min  
Delta R.T.: 0.000 min  
Response: 1155849  
Conc: 10.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min  
Delta R.T.: -0.001 min  
Response: 1150931  
Conc: 10.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.665 min  
Delta R.T.: 0.002 min  
Response: 1147992  
Conc: 10.49 ug/ml