

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022823AL\  
 Data File : FC063054.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Feb 2023 22:47  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 01 03:47:53 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)    | 11.535 | 2329085    | 17.944 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.89%       |
| 12) S 1-chlorooctadecane (S... | 12.973 | 1775057    | 18.197 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.39%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.296  | 2116221    | 17.850 ug/ml |
| 2) T n-Decane (C10)            | 4.363  | 2092753    | 18.148 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.947  | 2317781    | 18.123 ug/ml |
| 4) T n-Dodecane (C12)          | 6.383  | 2093925    | 18.133 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.005  | 2158057    | 18.335 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.178  | 2063508    | 18.258 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.780  | 2091522    | 18.181 ug/ml |
| 8) T n-Octadecane (C18)        | 11.222 | 2121051    | 18.210 ug/ml |
| 10) T n-Eicosane (C20)         | 12.530 | 2078252    | 18.239 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.141 | 2069382    | 18.158 ug/ml |
| 13) T n-Docosane (C22)         | 13.727 | 2084363    | 18.481 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.830 | 2155925    | 19.238 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.848 | 2235361    | 20.213 ug/ml |
| 16) T n-Octacosane (C28)       | 16.797 | 2319185    | 21.077 ug/ml |
| 17) T n-Tricontane (C30)       | 17.683 | 2440545    | 22.162 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.514 | 2474814    | 22.175 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.295 | 2321260    | 20.769 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.033 | 2133920    | 19.658 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.762 | 2063870    | 18.993 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.658 | 2161083    | 19.864 ug/ml |
| -----                          |        |            |              |

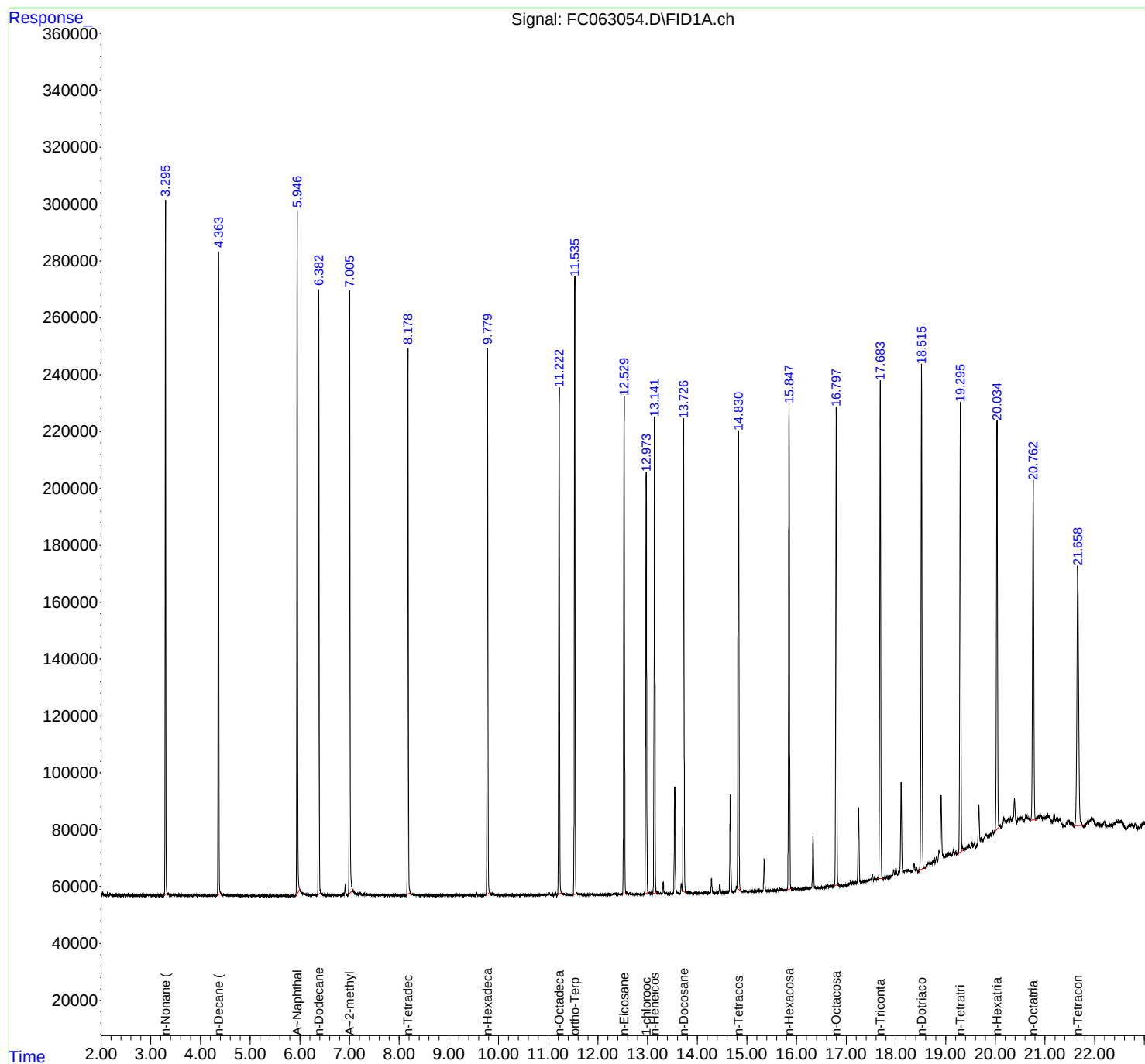
(f)=RT Delta > 1/2 Window

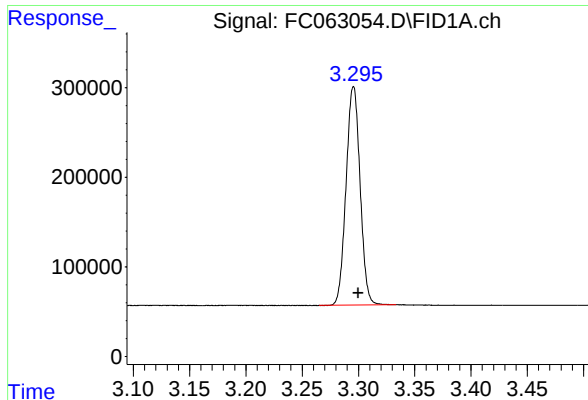
(m)=manual int.

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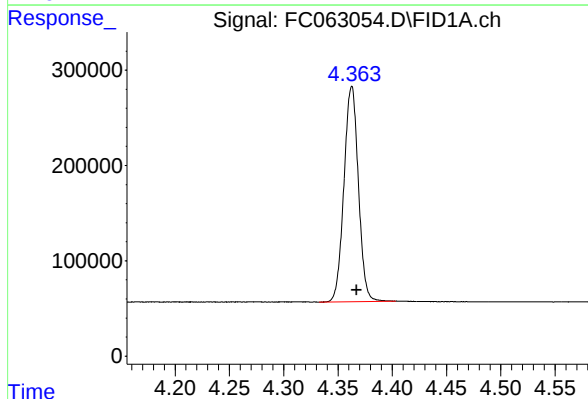
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





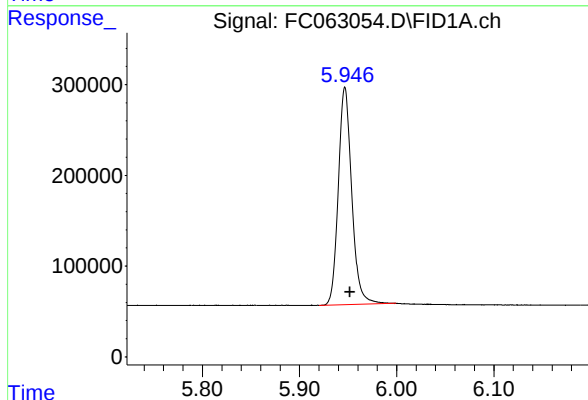
#1 n-Nonane (C9)

R.T.: 3.296 min  
Delta R.T.: -0.004 min  
Response: 2116221  
Conc: 17.85 ug/ml



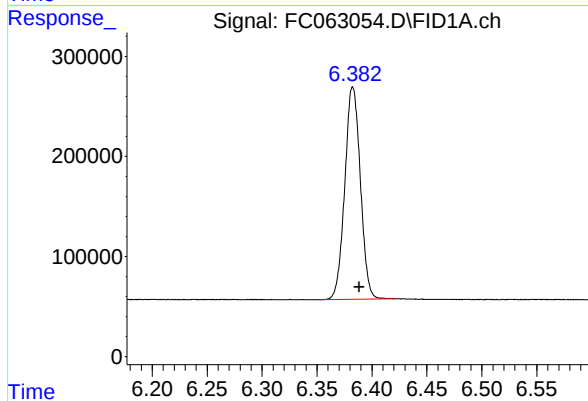
#2 n-Decane (C10)

R.T.: 4.363 min  
Delta R.T.: -0.005 min  
Response: 2092753  
Conc: 18.15 ug/ml



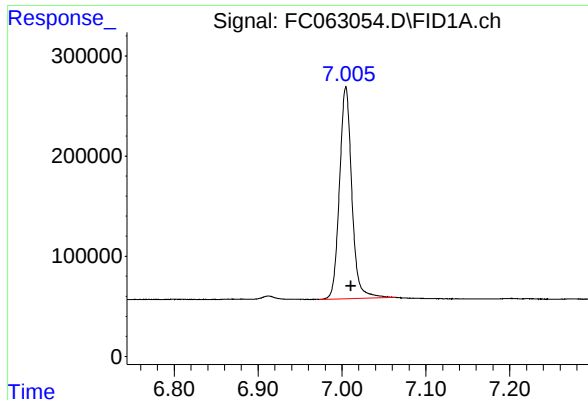
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min  
Delta R.T.: -0.005 min  
Response: 2317781  
Conc: 18.12 ug/ml



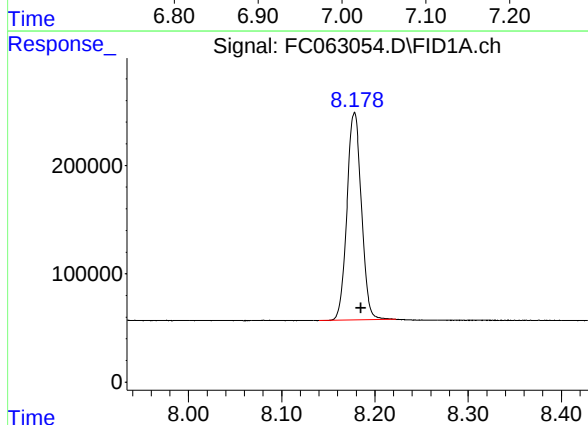
#4 n-Dodecane (C12)

R.T.: 6.383 min  
Delta R.T.: -0.006 min  
Response: 2093925  
Conc: 18.13 ug/ml



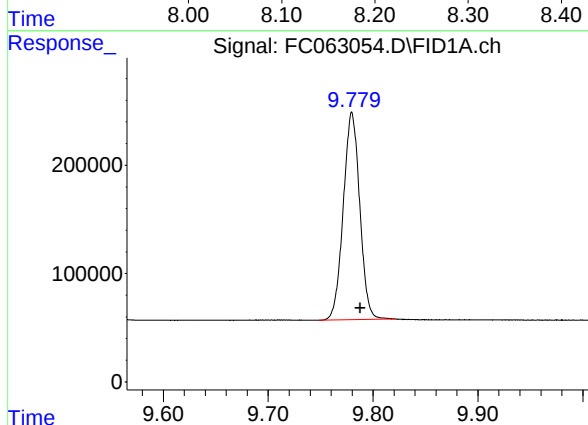
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min  
Delta R.T.: -0.006 min  
Response: 2158057  
Conc: 18.33 ug/ml



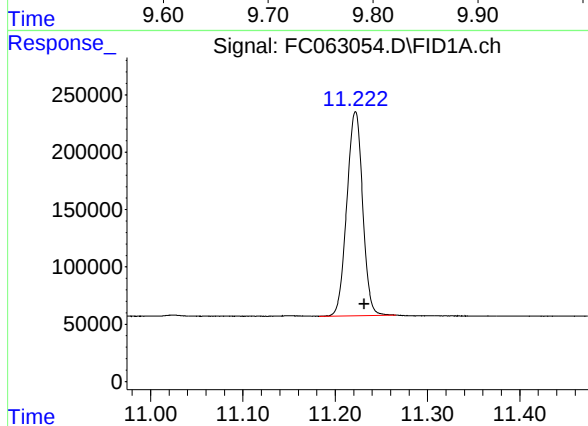
#6 n-Tetradecane (C14)

R.T.: 8.178 min  
Delta R.T.: -0.007 min  
Response: 2063508  
Conc: 18.26 ug/ml



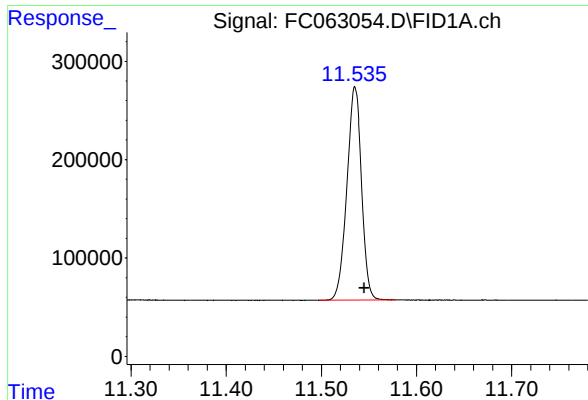
#7 n-Hexadecane (C16)

R.T.: 9.780 min  
Delta R.T.: -0.008 min  
Response: 2091522  
Conc: 18.18 ug/ml



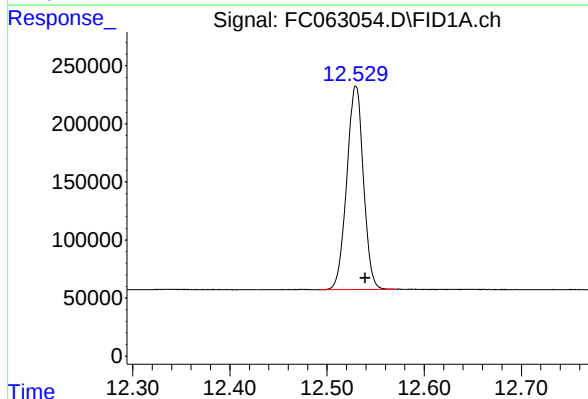
#8 n-Octadecane (C18)

R.T.: 11.222 min  
Delta R.T.: -0.009 min  
Response: 2121051  
Conc: 18.21 ug/ml



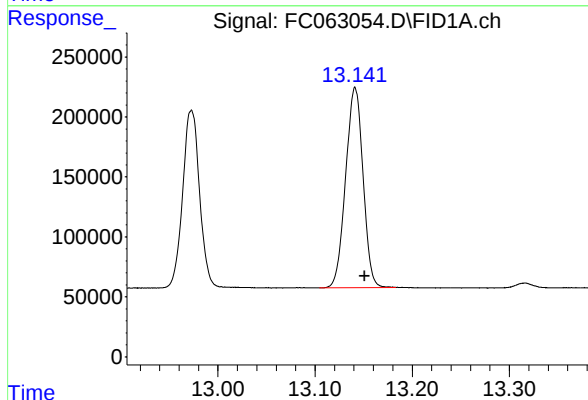
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min  
Delta R.T.: -0.010 min  
Response: 2329085  
Conc: 17.94 ug/ml



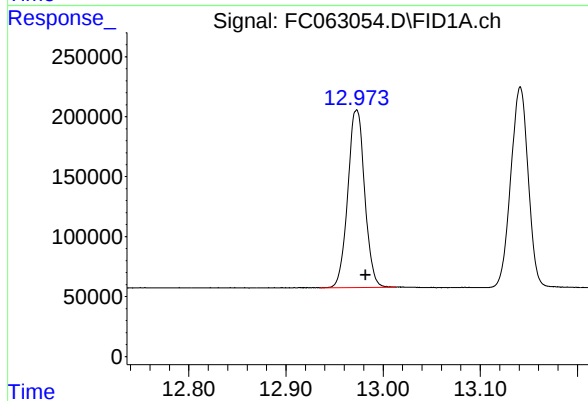
#10 n-Eicosane (C20)

R.T.: 12.530 min  
Delta R.T.: -0.010 min  
Response: 2078252  
Conc: 18.24 ug/ml



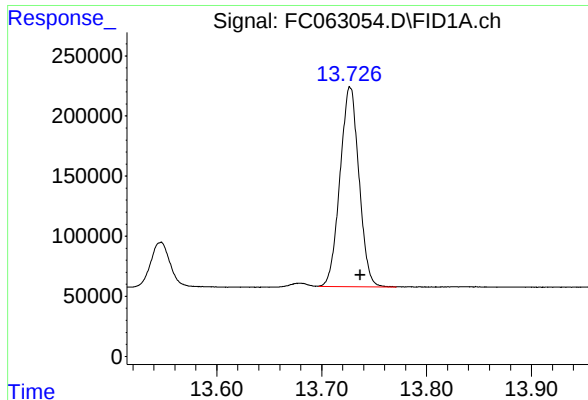
#11 n-Heneicosane (C21)

R.T.: 13.141 min  
Delta R.T.: -0.010 min  
Response: 2069382  
Conc: 18.16 ug/ml



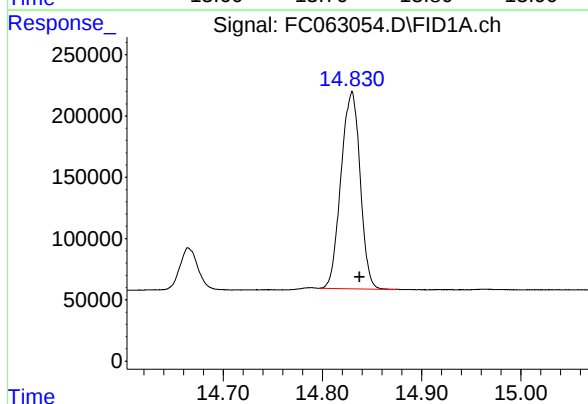
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min  
Delta R.T.: -0.009 min  
Response: 1775057  
Conc: 18.20 ug/ml



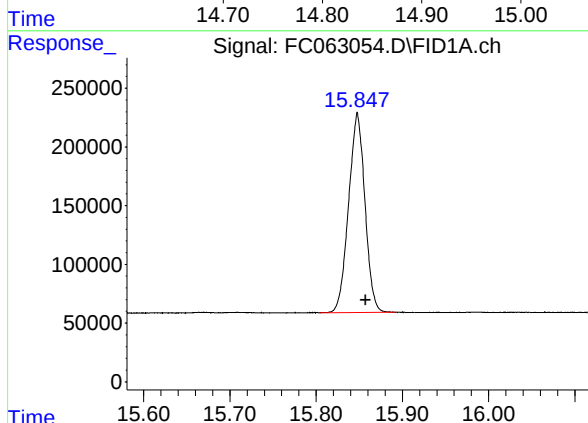
#13 n-Docosane (C22)

R.T.: 13.727 min  
Delta R.T.: -0.010 min  
Response: 2084363  
Conc: 18.48 ug/ml



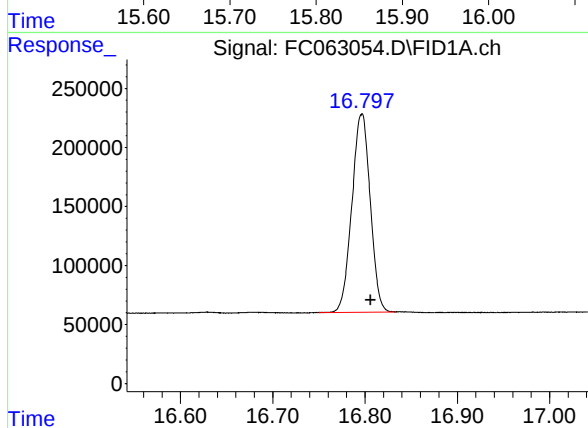
#14 n-Tetracosane (C24)

R.T.: 14.830 min  
Delta R.T.: -0.008 min  
Response: 2155925  
Conc: 19.24 ug/ml



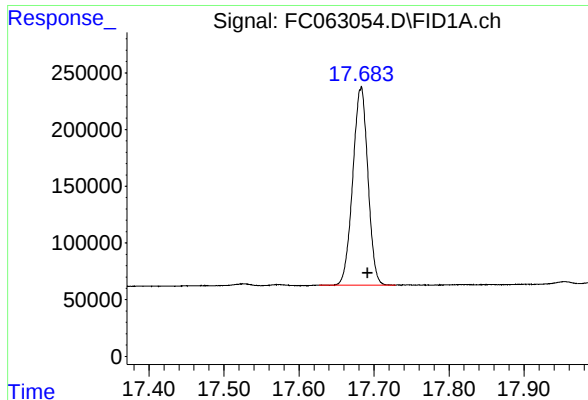
#15 n-Hexacosane (C26)

R.T.: 15.848 min  
Delta R.T.: -0.009 min  
Response: 2235361  
Conc: 20.21 ug/ml



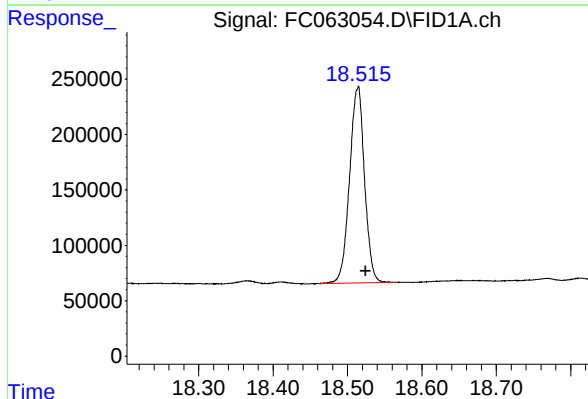
#16 n-Octacosane (C28)

R.T.: 16.797 min  
Delta R.T.: -0.009 min  
Response: 2319185  
Conc: 21.08 ug/ml



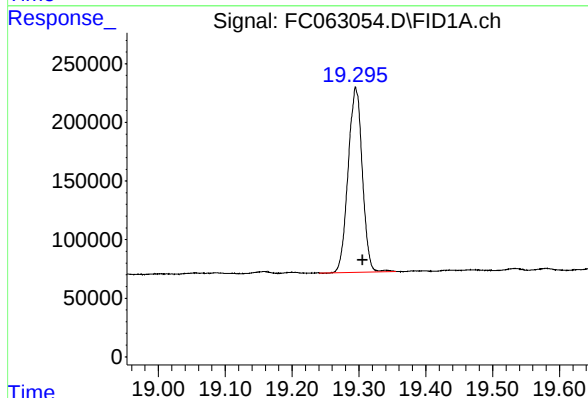
#17 n-Tricontane (C30)

R.T.: 17.683 min  
Delta R.T.: -0.009 min  
Response: 2440545  
Conc: 22.16 ug/ml



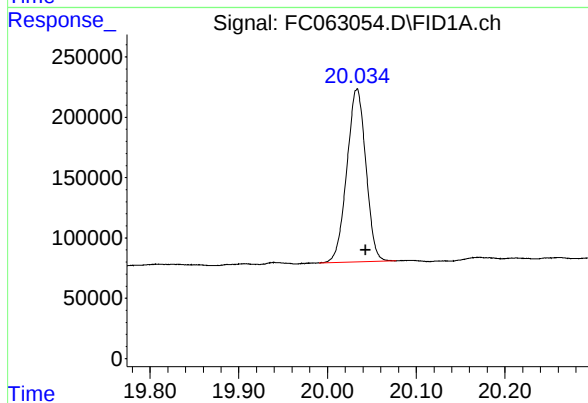
#18 n-Dotriacontane (C32)

R.T.: 18.514 min  
Delta R.T.: -0.011 min  
Response: 2474814  
Conc: 22.17 ug/ml



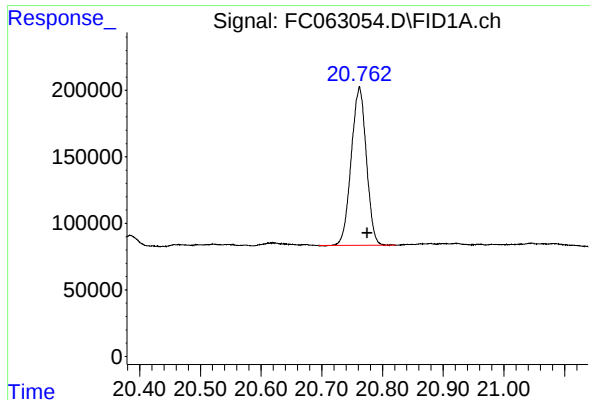
#19 n-Tetatriacontane (C34)

R.T.: 19.295 min  
Delta R.T.: -0.010 min  
Response: 2321260  
Conc: 20.77 ug/ml



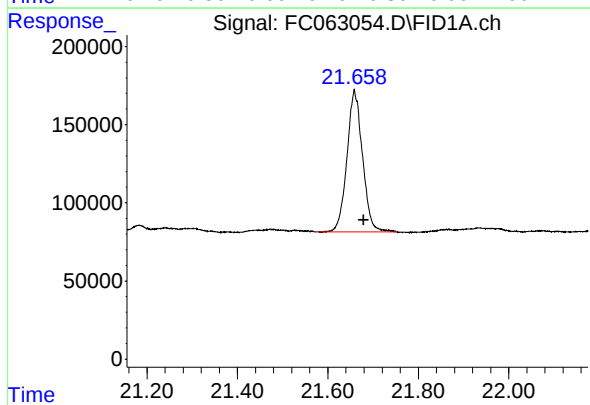
#20 n-Hexatriacontane (C36)

R.T.: 20.033 min  
Delta R.T.: -0.010 min  
Response: 2133920  
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min  
Delta R.T.: -0.013 min  
Response: 2063870  
Conc: 18.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.658 min  
Delta R.T.: -0.020 min  
Response: 2161083  
Conc: 19.86 ug/ml