

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040119AL\  
 Data File : FC040263.D  
 Signal(s) : FID1A.CH  
 Acq On : 02 Apr 2019 7:28  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 02 08:05:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032319.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Mar 23 13:38:33 2019  
 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)    | 11.024 | 2360179    | 18.328 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.66%       |
| 12) S 1-chlorooctadecane (S... | 12.454 | 1799931    | 18.222 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.44%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.856  | 1553882    | 18.828 ug/ml |
| 2) T n-Decane (C10)            | 3.878  | 1617180    | 19.108 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.453  | 1949542    | 19.981 ug/ml |
| 4) T n-Dodecane (C12)          | 5.873  | 1693147    | 19.602 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.502  | 1994821    | 20.076 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.663  | 1772909    | 19.452 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.261  | 1804868    | 18.778 ug/ml |
| 8) T n-Octadecane (C18)        | 10.701 | 1809811    | 18.042 ug/ml |
| 10) T n-Eicosane (C20)         | 12.009 | 1815703    | 17.841 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.620 | 1805094    | 17.900 ug/ml |
| 13) T n-Docosane (C22)         | 13.206 | 1806847    | 17.975 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.308 | 1810577    | 18.185 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.328 | 1811957    | 18.508 ug/ml |
| 16) T n-Octacosane (C28)       | 16.278 | 1817668    | 18.529 ug/ml |
| 17) T n-Tricontane (C30)       | 17.164 | 1792224    | 18.316 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.997 | 1718881    | 17.761 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.813 | 1516946    | 18.096 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.841 | 1342372    | 18.232 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.226 | 1284414    | 18.588 ug/ml |
| 22) T n-Tetracontane (C40)     | 23.150 | 1232942    | 18.189 ug/ml |
| -----                          |        |            |              |

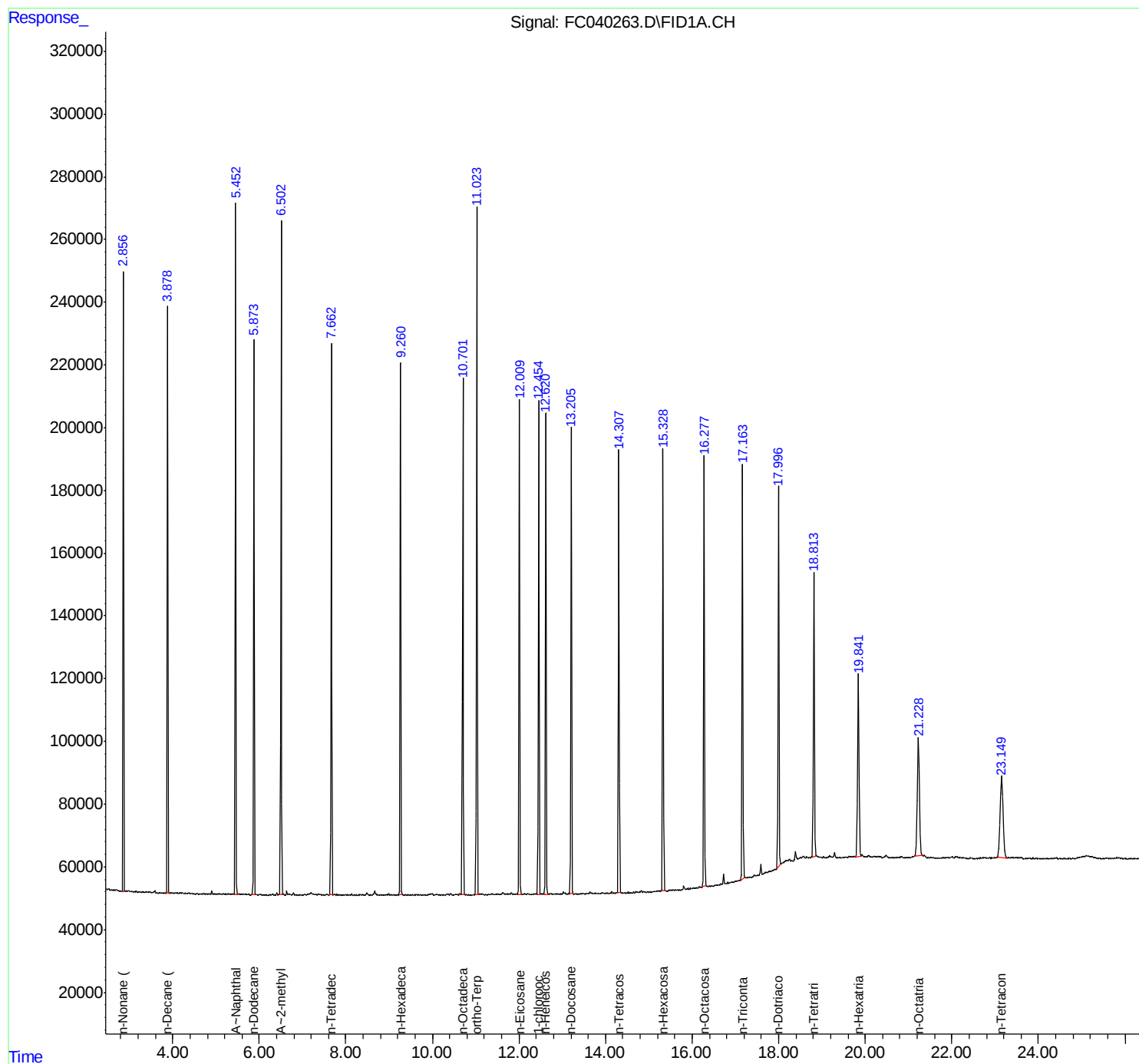
(f)=RT Delta > 1/2 Window

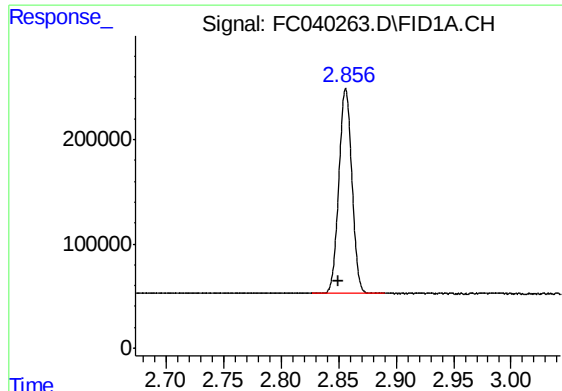
(m)=manual int.

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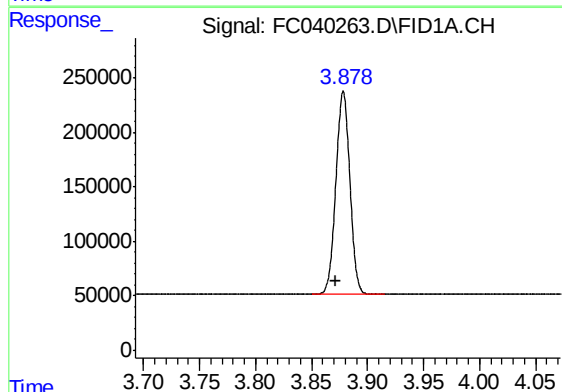
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





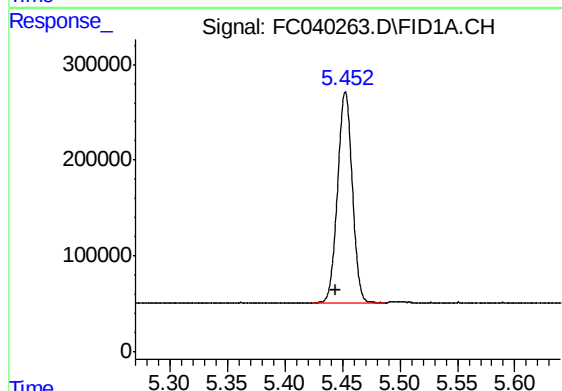
#1 n-Nonane (C9)

R.T.: 2.856 min  
Delta R.T.: 0.006 min  
Response: 1553882  
Conc: 18.83 ug/ml



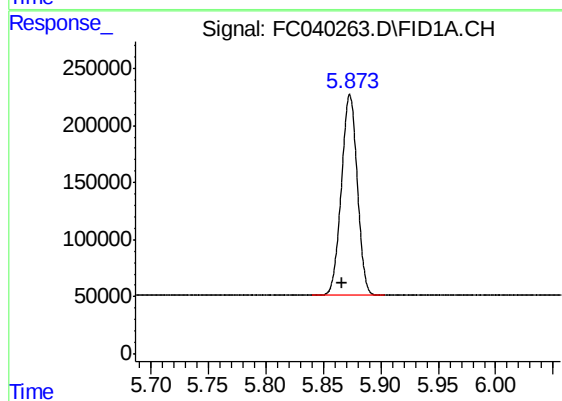
#2 n-Decane (C10)

R.T.: 3.878 min  
Delta R.T.: 0.007 min  
Response: 1617180  
Conc: 19.11 ug/ml



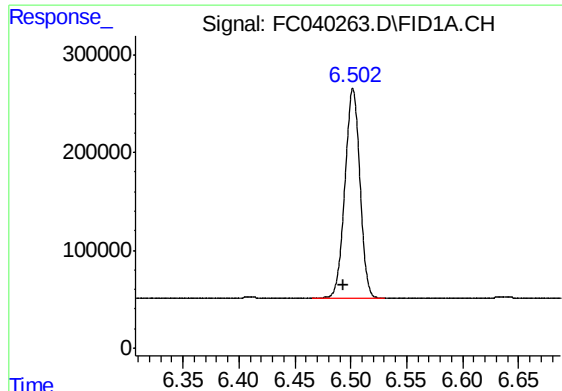
#3 A~Naphthalene (C11.7)

R.T.: 5.453 min  
Delta R.T.: 0.008 min  
Response: 1949542  
Conc: 19.98 ug/ml



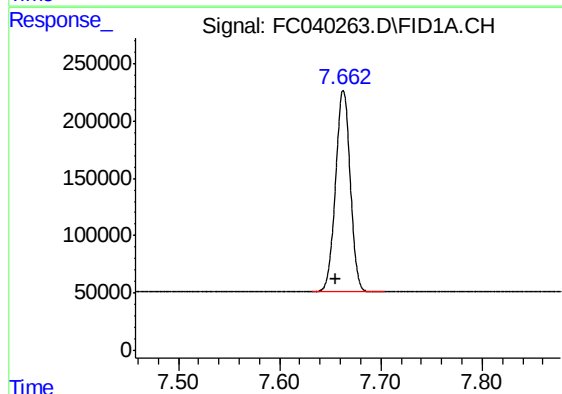
#4 n-Dodecane (C12)

R.T.: 5.873 min  
Delta R.T.: 0.007 min  
Response: 1693147  
Conc: 19.60 ug/ml



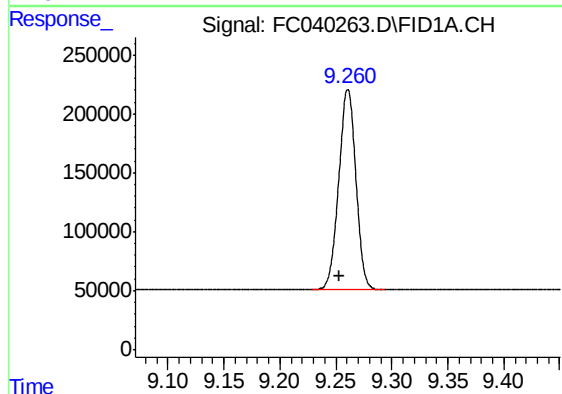
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.502 min  
Delta R.T.: 0.009 min  
Response: 1994821  
Conc: 20.08 ug/ml



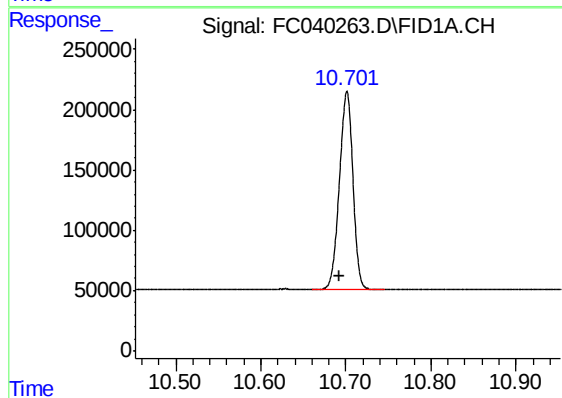
#6 n-Tetradecane (C14)

R.T.: 7.663 min  
Delta R.T.: 0.007 min  
Response: 1772909  
Conc: 19.45 ug/ml



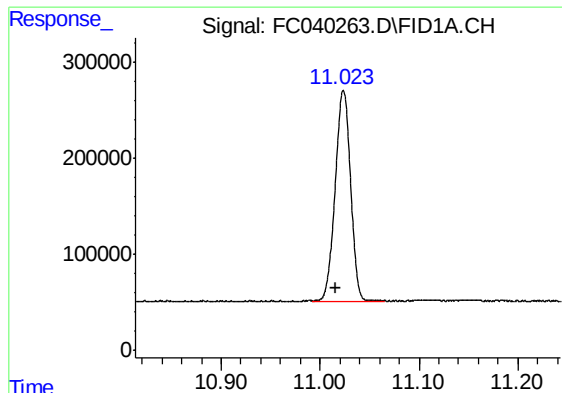
#7 n-Hexadecane (C16)

R.T.: 9.261 min  
Delta R.T.: 0.007 min  
Response: 1804868  
Conc: 18.78 ug/ml



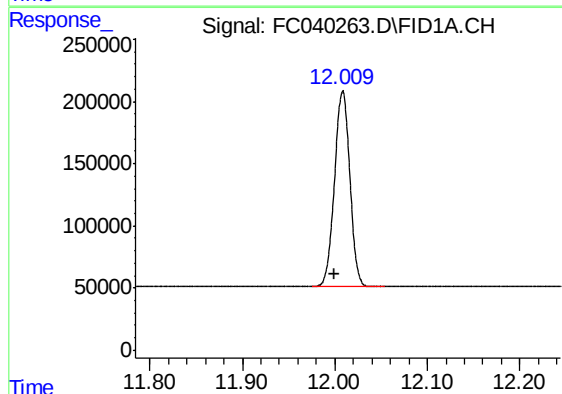
#8 n-Octadecane (C18)

R.T.: 10.701 min  
Delta R.T.: 0.009 min  
Response: 1809811  
Conc: 18.04 ug/ml



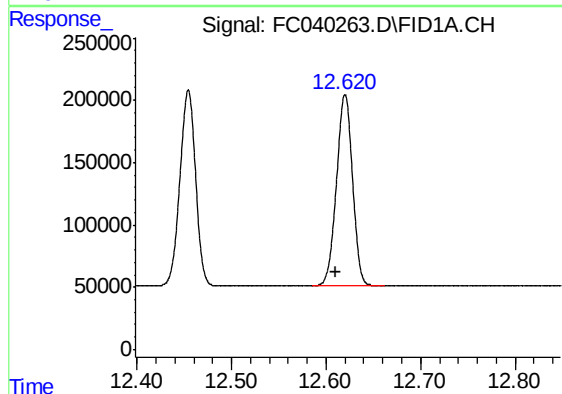
#9 ortho-Terphenyl (SURR)

R.T.: 11.024 min  
Delta R.T.: 0.008 min  
Response: 2360179  
Conc: 18.33 ug/ml



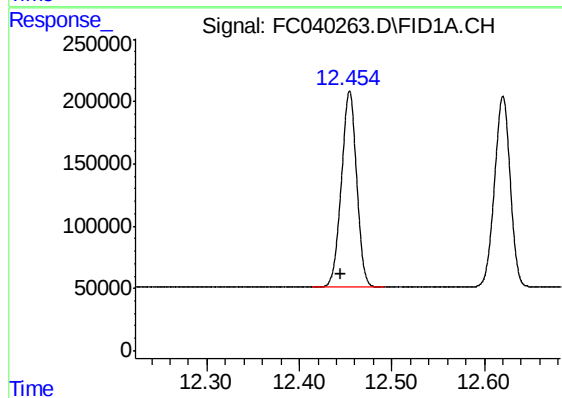
#10 n-Eicosane (C20)

R.T.: 12.009 min  
Delta R.T.: 0.009 min  
Response: 1815703  
Conc: 17.84 ug/ml



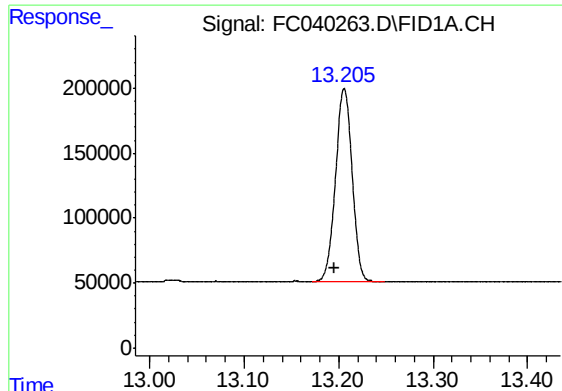
#11 n-Heneicosane (C21)

R.T.: 12.620 min  
Delta R.T.: 0.010 min  
Response: 1805094  
Conc: 17.90 ug/ml



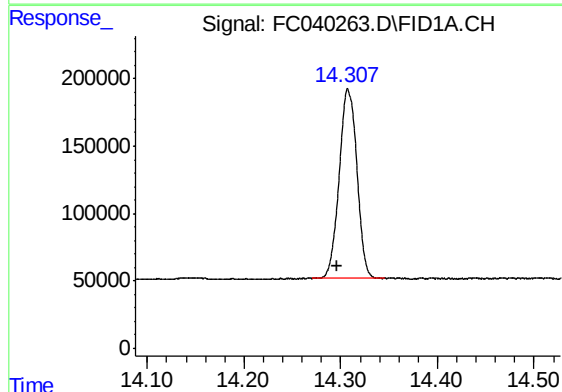
#12 1-chlorooctadecane (SURR)

R.T.: 12.454 min  
Delta R.T.: 0.010 min  
Response: 1799931  
Conc: 18.22 ug/ml



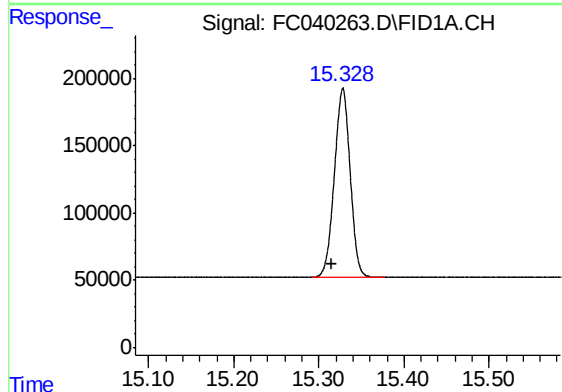
#13 n-Docosane (C22)

R.T.: 13.206 min  
Delta R.T.: 0.010 min  
Response: 1806847  
Conc: 17.98 ug/ml



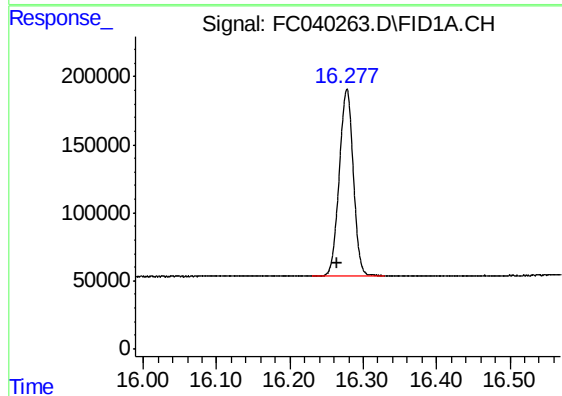
#14 n-Tetracosane (C24)

R.T.: 14.308 min  
Delta R.T.: 0.011 min  
Response: 1810577  
Conc: 18.19 ug/ml



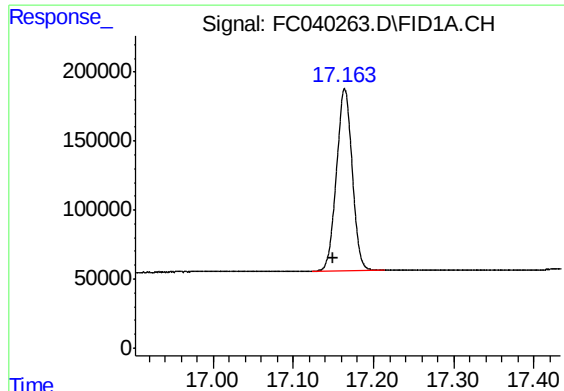
#15 n-Hexacosane (C26)

R.T.: 15.328 min  
Delta R.T.: 0.012 min  
Response: 1811957  
Conc: 18.51 ug/ml



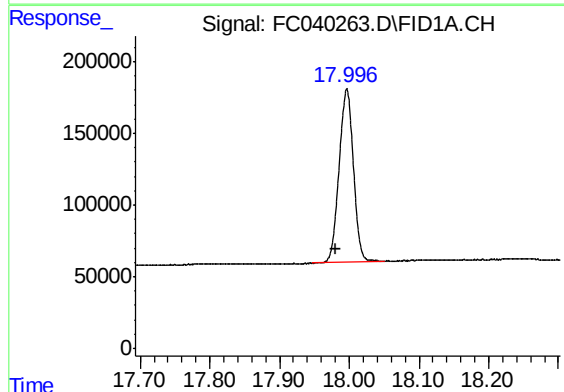
#16 n-Octacosane (C28)

R.T.: 16.278 min  
Delta R.T.: 0.014 min  
Response: 1817668  
Conc: 18.53 ug/ml



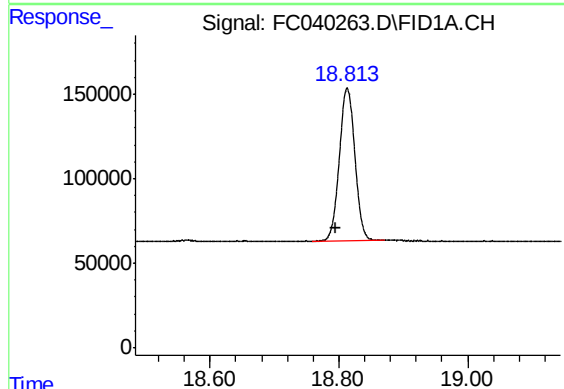
#17 n-Tricontane (C30)

R.T.: 17.164 min  
Delta R.T.: 0.014 min  
Response: 1792224  
Conc: 18.32 ug/ml



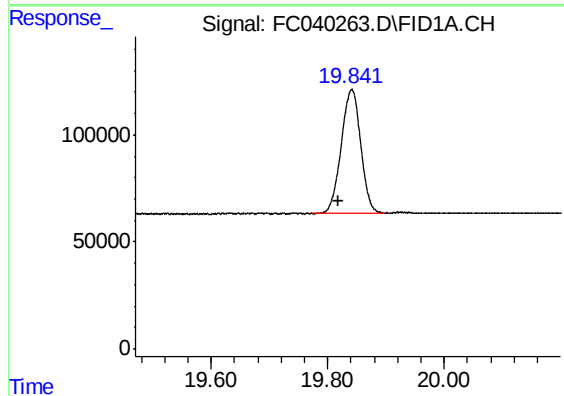
#18 n-Dotriacontane (C32)

R.T.: 17.997 min  
Delta R.T.: 0.017 min  
Response: 1718881  
Conc: 17.76 ug/ml



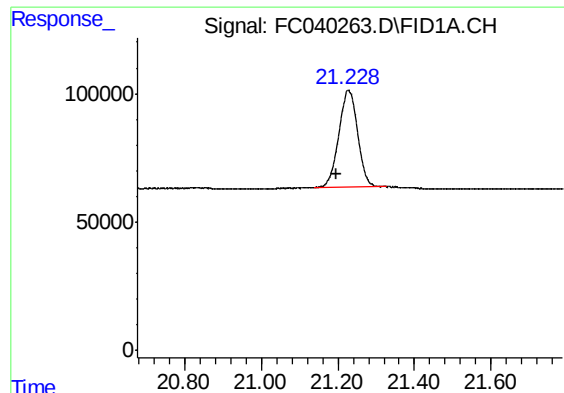
#19 n-Tetatriacontane (C34)

R.T.: 18.813 min  
Delta R.T.: 0.017 min  
Response: 1516946  
Conc: 18.10 ug/ml



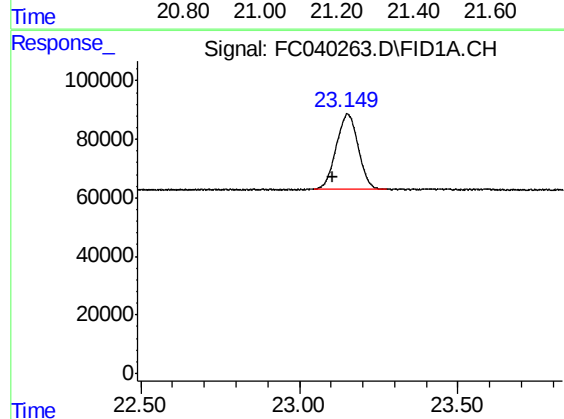
#20 n-Hexatriacontane (C36)

R.T.: 19.841 min  
Delta R.T.: 0.024 min  
Response: 1342372  
Conc: 18.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min  
Delta R.T.: 0.030 min  
Response: 1284414  
Conc: 18.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.150 min  
Delta R.T.: 0.044 min  
Response: 1232942  
Conc: 18.19 ug/ml