

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102219AL\  
 Data File : FC044142.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Oct 2019 3:05  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 23 06:34:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 12:36:58 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)    | 11.720 | 2716452    | 18.636 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.27%       |
| 12) S 1-chlorooctadecane (S... | 13.154 | 2055359    | 18.382 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.76%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.437  | 2154227    | 19.556 ug/ml |
| 2) T n-Decane (C10)            | 4.515  | 2172690    | 19.561 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.115  | 2433111    | 19.555 ug/ml |
| 4) T n-Dodecane (C12)          | 6.544  | 2189227    | 19.466 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.175  | 2450001    | 19.429 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.344  | 2184955    | 19.313 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.949  | 2167583    | 18.970 ug/ml |
| 8) T n-Octadecane (C18)        | 11.394 | 2137917    | 18.673 ug/ml |
| 10) T n-Eicosane (C20)         | 12.706 | 2093571    | 18.357 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.321 | 2081925    | 18.151 ug/ml |
| 13) T n-Docosane (C22)         | 13.908 | 2037612    | 17.943 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.012 | 1977024    | 17.483 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.036 | 1902076    | 17.192 ug/ml |
| 16) T n-Octacosane (C28)       | 16.988 | 1838559    | 16.972 ug/ml |
| 17) T n-Tricontane (C30)       | 17.879 | 1794322    | 16.954 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.713 | 1721026    | 17.089 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.499 | 1670363    | 17.814 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.240 | 1593695    | 18.358 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.016 | 1643851    | 20.385 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.992 | 1990059    | 23.543 ug/ml |
| -----                          |        |            |              |

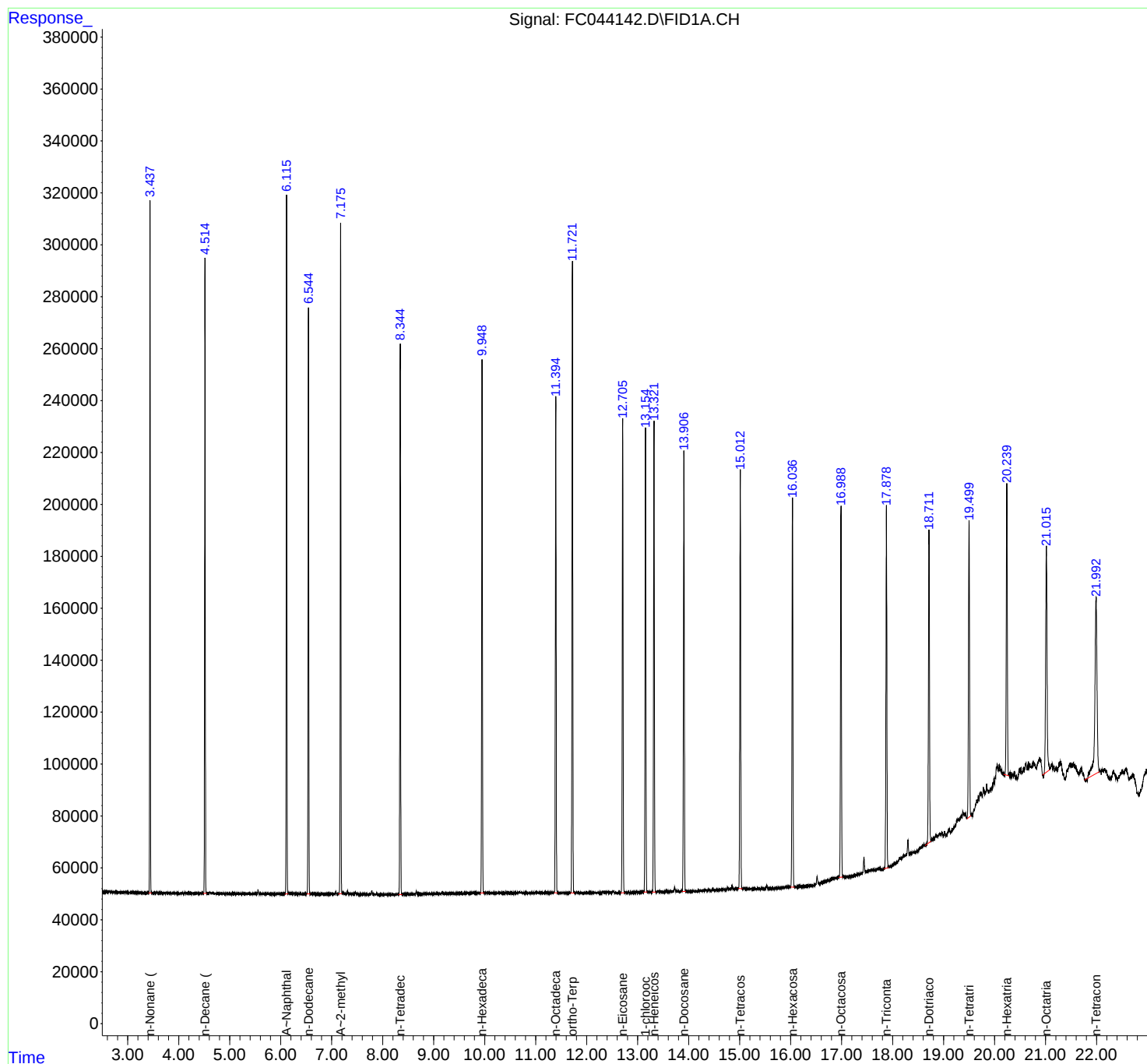
(f)=RT Delta > 1/2 Window

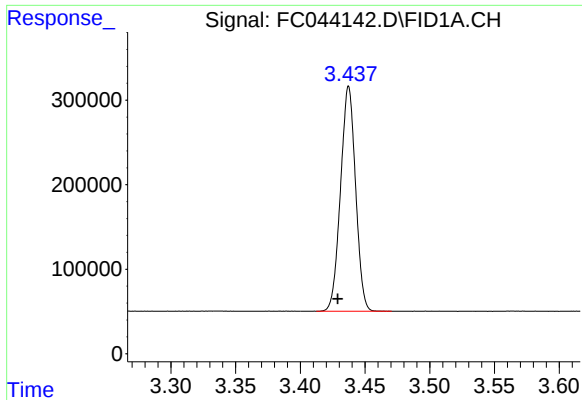
(m)=manual int.

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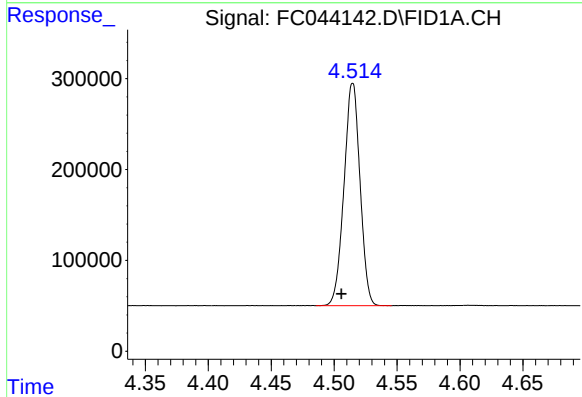
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





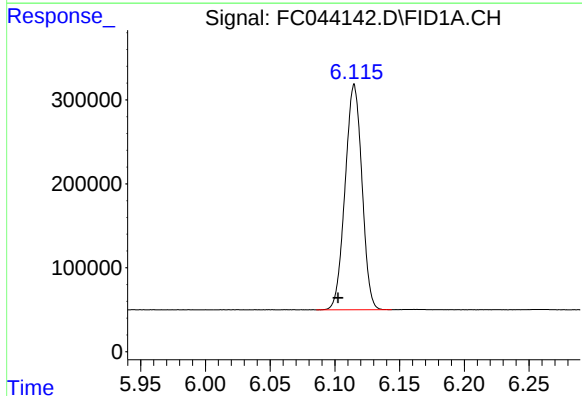
#1 n-Nonane (C9)

R.T.: 3.437 min  
Delta R.T.: 0.008 min  
Response: 2154227  
Conc: 19.56 ug/ml



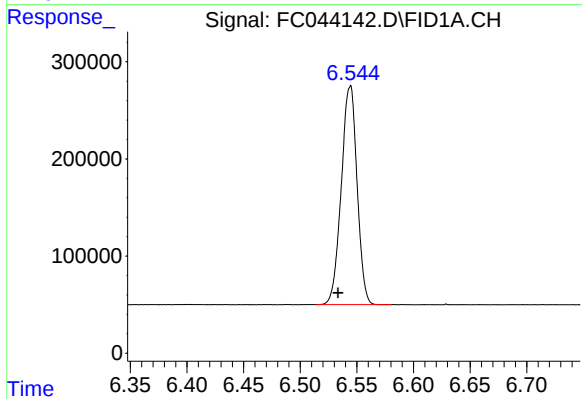
#2 n-Decane (C10)

R.T.: 4.515 min  
Delta R.T.: 0.009 min  
Response: 2172690  
Conc: 19.56 ug/ml



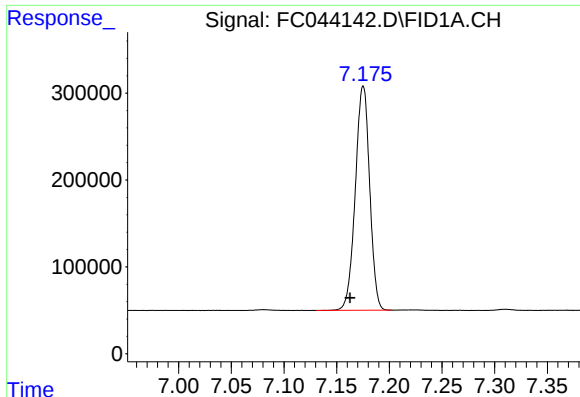
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min  
Delta R.T.: 0.012 min  
Response: 2433111  
Conc: 19.56 ug/ml



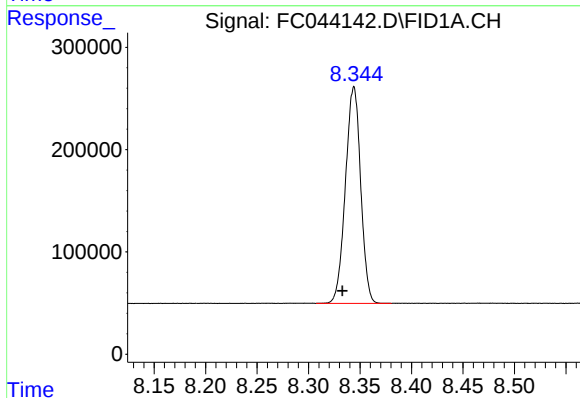
#4 n-Dodecane (C12)

R.T.: 6.544 min  
Delta R.T.: 0.011 min  
Response: 2189227  
Conc: 19.47 ug/ml



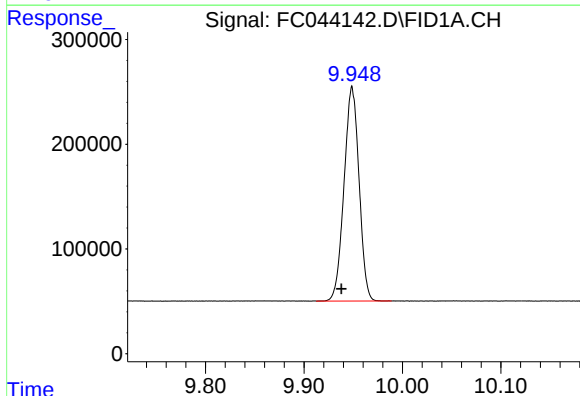
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.175 min  
Delta R.T.: 0.013 min  
Response: 2450001  
Conc: 19.43 ug/ml



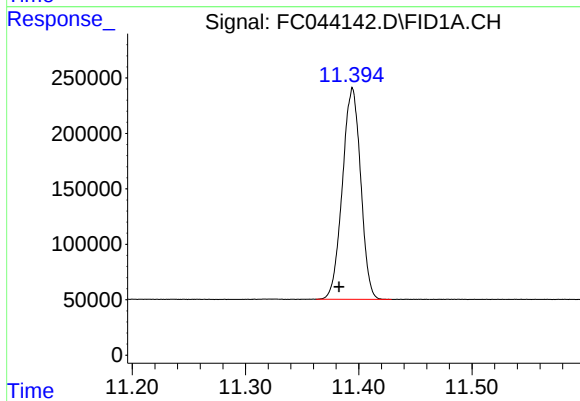
#6 n-Tetradecane (C14)

R.T.: 8.344 min  
Delta R.T.: 0.011 min  
Response: 2184955  
Conc: 19.31 ug/ml



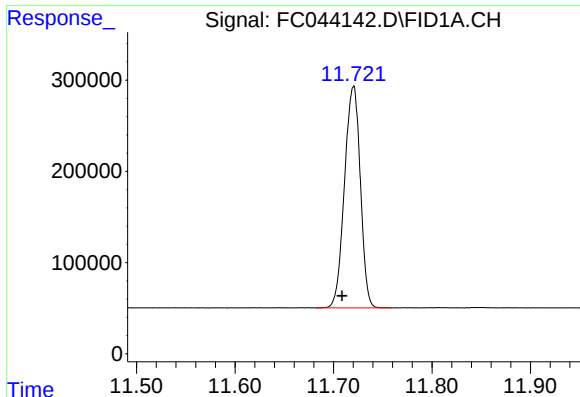
#7 n-Hexadecane (C16)

R.T.: 9.949 min  
Delta R.T.: 0.011 min  
Response: 2167583  
Conc: 18.97 ug/ml



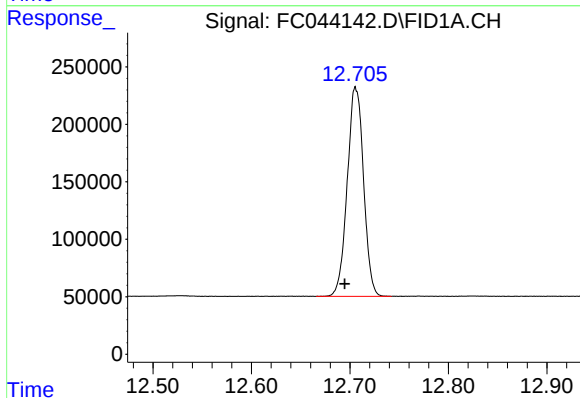
#8 n-Octadecane (C18)

R.T.: 11.394 min  
Delta R.T.: 0.012 min  
Response: 2137917  
Conc: 18.67 ug/ml



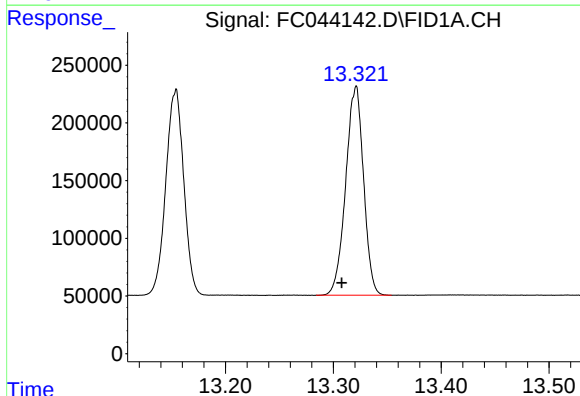
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min  
Delta R.T.: 0.012 min  
Response: 2716452  
Conc: 18.64 ug/ml



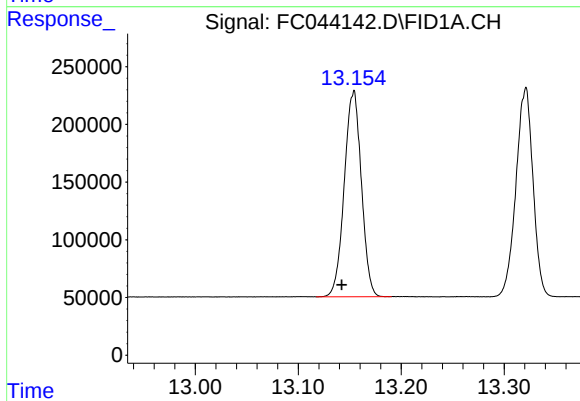
#10 n-Eicosane (C20)

R.T.: 12.706 min  
Delta R.T.: 0.011 min  
Response: 2093571  
Conc: 18.36 ug/ml



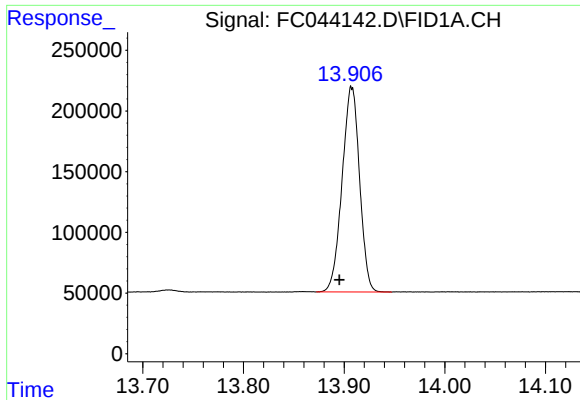
#11 n-Heneicosane (C21)

R.T.: 13.321 min  
Delta R.T.: 0.013 min  
Response: 2081925  
Conc: 18.15 ug/ml



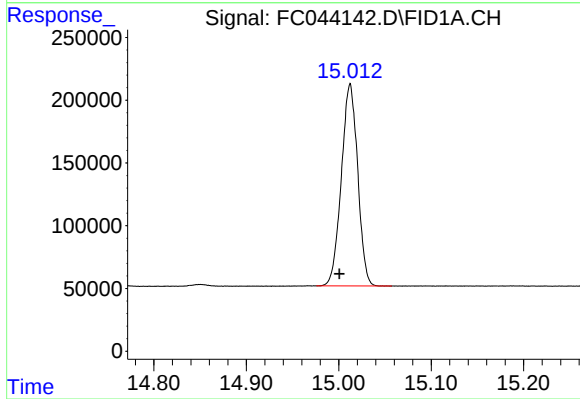
#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min  
Delta R.T.: 0.011 min  
Response: 2055359  
Conc: 18.38 ug/ml



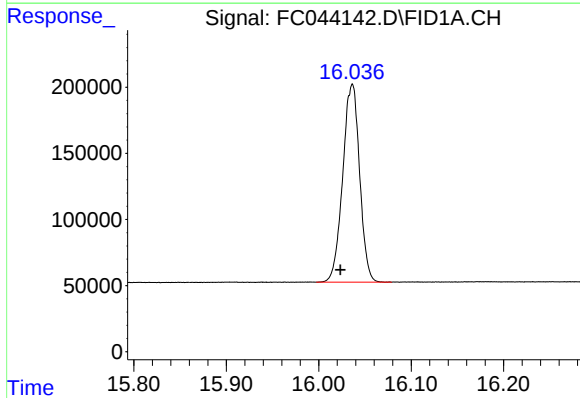
#13 n-Docosane (C22)

R.T.: 13.908 min  
Delta R.T.: 0.012 min  
Response: 2037612  
Conc: 17.94 ug/ml



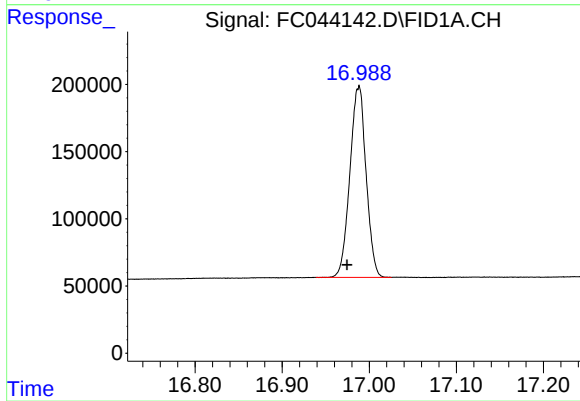
#14 n-Tetracosane (C24)

R.T.: 15.012 min  
Delta R.T.: 0.011 min  
Response: 1977024  
Conc: 17.48 ug/ml



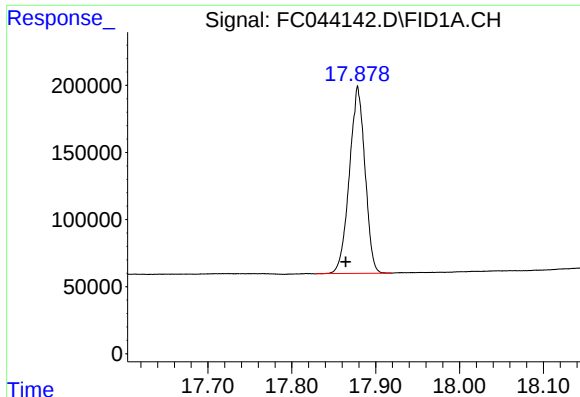
#15 n-Hexacosane (C26)

R.T.: 16.036 min  
Delta R.T.: 0.013 min  
Response: 1902076  
Conc: 17.19 ug/ml



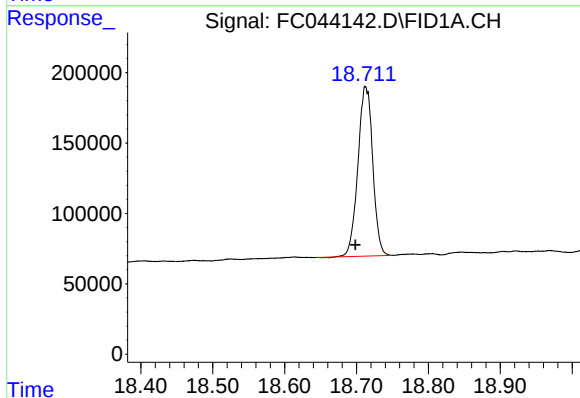
#16 n-Octacosane (C28)

R.T.: 16.988 min  
Delta R.T.: 0.013 min  
Response: 1838559  
Conc: 16.97 ug/ml



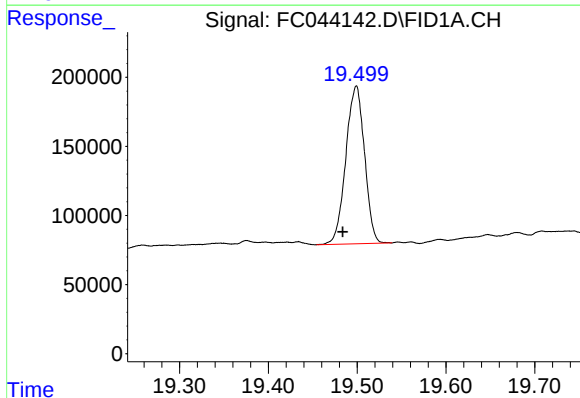
#17 n-Tricontane (C30)

R.T.: 17.879 min  
Delta R.T.: 0.014 min  
Response: 1794322  
Conc: 16.95 ug/ml



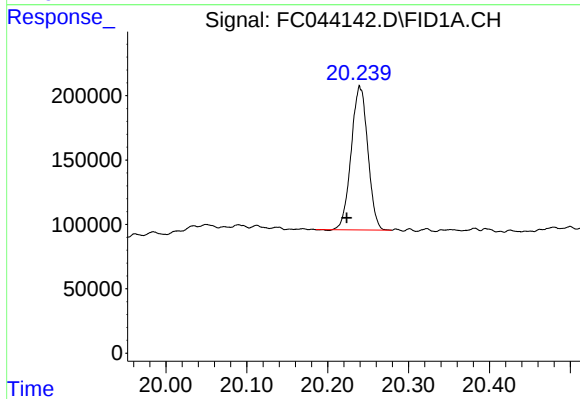
#18 n-Dotriacontane (C32)

R.T.: 18.713 min  
Delta R.T.: 0.014 min  
Response: 1721026  
Conc: 17.09 ug/ml



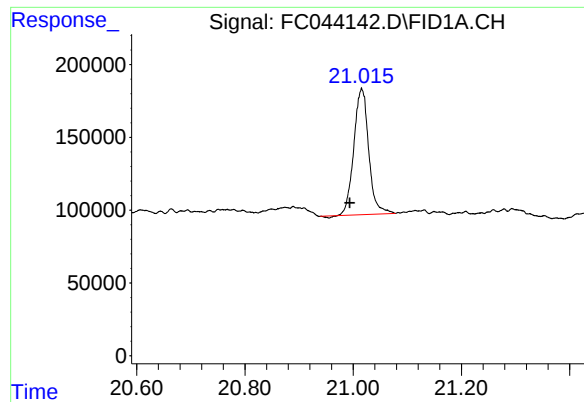
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min  
Delta R.T.: 0.015 min  
Response: 1670363  
Conc: 17.81 ug/ml



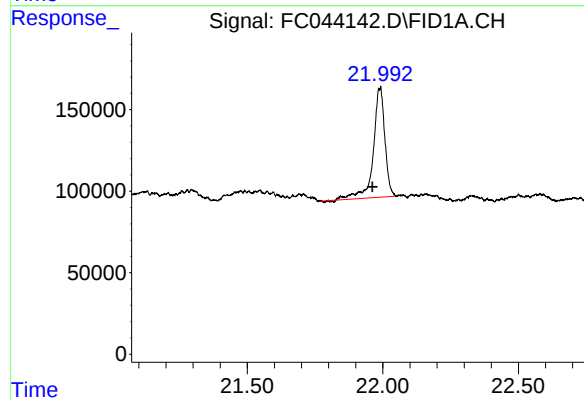
#20 n-Hexatriacontane (C36)

R.T.: 20.240 min  
Delta R.T.: 0.016 min  
Response: 1593695  
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min  
Delta R.T.: 0.022 min  
Response: 1643851  
Conc: 20.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.992 min  
Delta R.T.: 0.030 min  
Response: 1990059  
Conc: 23.54 ug/ml