

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112719AL\  
 Data File : FC044762.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Nov 2019 23:52  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 28 02:51:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112219.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 23 03:00:37 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)    | 11.757 | 2046587    | 17.961 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.92%       |
| 12) S 1-chlorooctadecane (S... | 13.183 | 1588430    | 17.937 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.87%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.501  | 1823851    | 17.940 ug/ml |
| 2) T n-Decane (C10)            | 4.576  | 1846613    | 18.184 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.176  | 2079635    | 18.203 ug/ml |
| 4) T n-Dodecane (C12)          | 6.595  | 1868625    | 18.367 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.231  | 2099311    | 18.308 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.388  | 1887246    | 18.515 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.987  | 1902500    | 18.542 ug/ml |
| 8) T n-Octadecane (C18)        | 11.427 | 1911982    | 18.466 ug/ml |
| 10) T n-Eicosane (C20)         | 12.736 | 1912168    | 18.330 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.347 | 1898815    | 18.001 ug/ml |
| 13) T n-Docosane (C22)         | 13.932 | 1925333    | 18.251 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.035 | 1960238    | 18.310 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.055 | 2027591    | 19.051 ug/ml |
| 16) T n-Octacosane (C28)       | 17.005 | 2042840    | 19.463 ug/ml |
| 17) T n-Tricontane (C30)       | 17.890 | 1900452    | 18.981 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.725 | 1569257    | 18.847 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.507 | 1249950    | 18.218 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.247 | 1098679    | 18.407 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.019 | 1007474    | 18.741 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.993 | 1048646    | 19.573 ug/ml |
| -----                          |        |            |              |

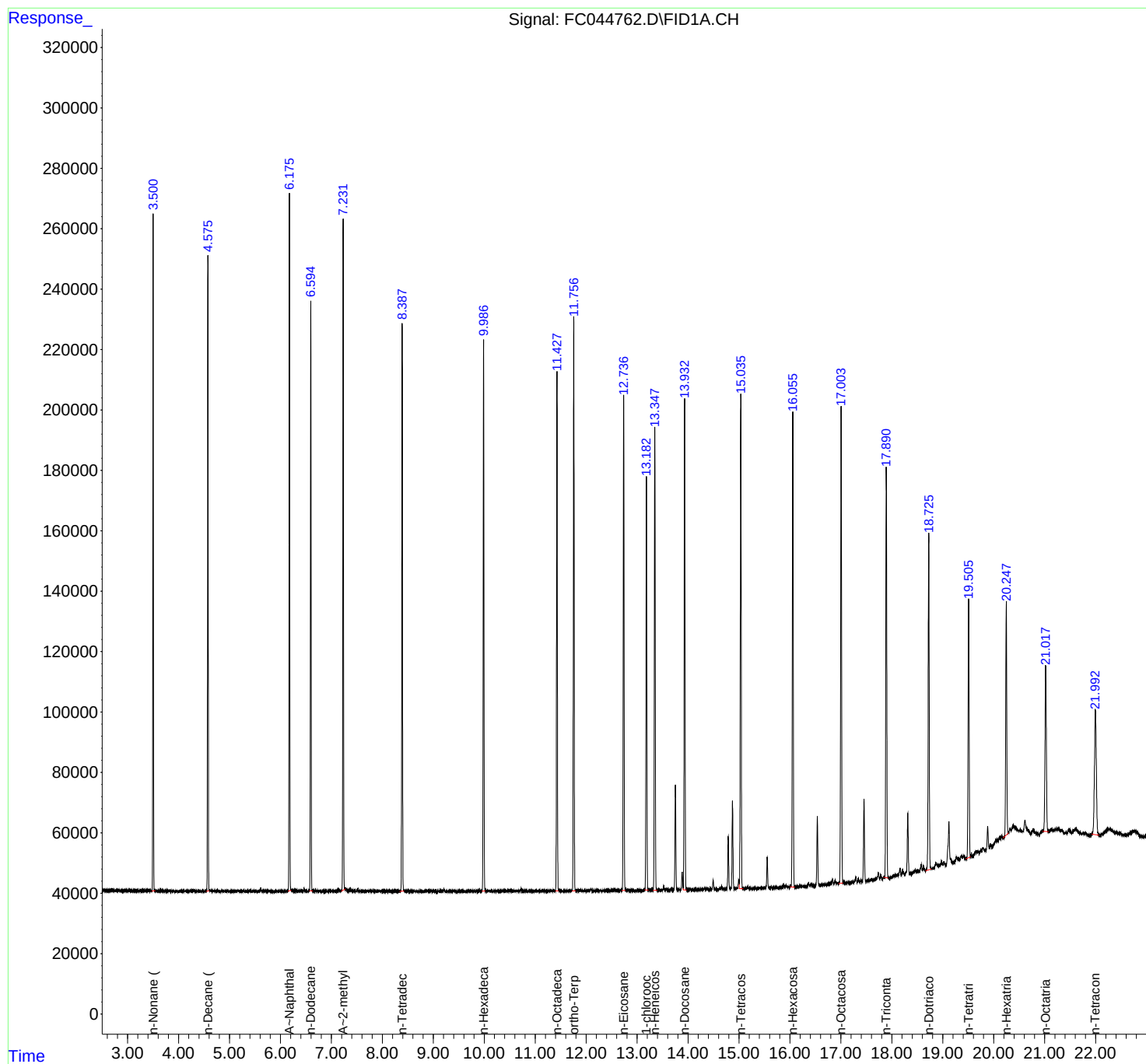
(f)=RT Delta > 1/2 Window

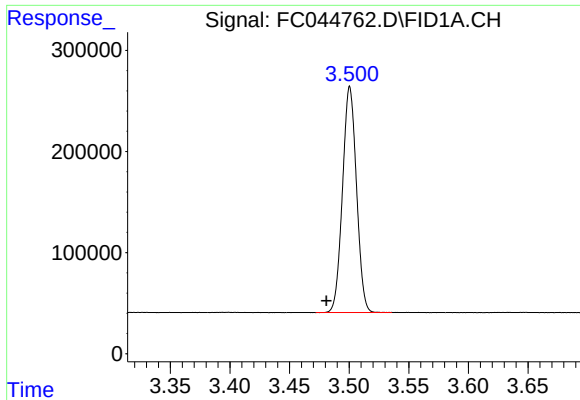
(m)=manual int.

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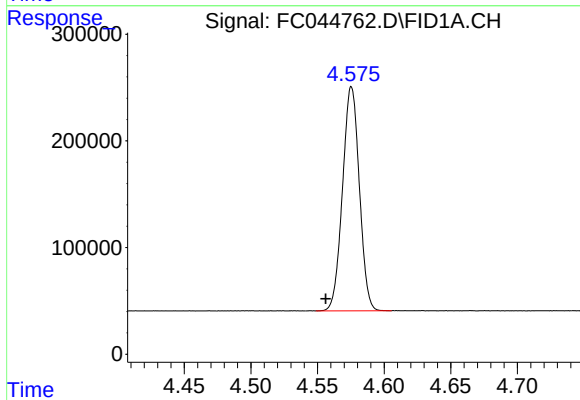
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





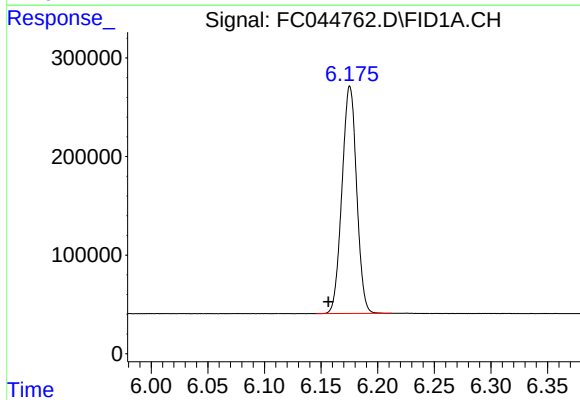
#1 n-Nonane (C9)

R.T.: 3.501 min  
Delta R.T.: 0.020 min  
Response: 1823851  
Conc: 17.94 ug/ml



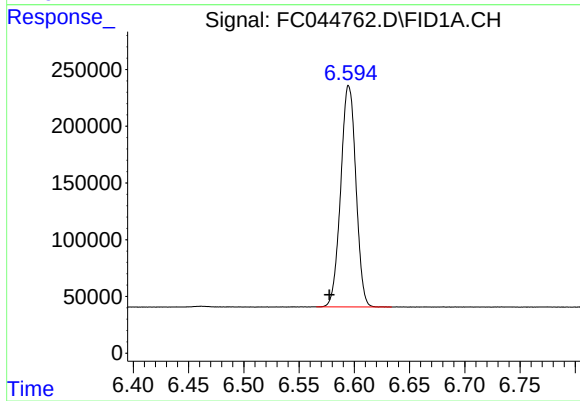
#2 n-Decane (C10)

R.T.: 4.576 min  
Delta R.T.: 0.019 min  
Response: 1846613  
Conc: 18.18 ug/ml



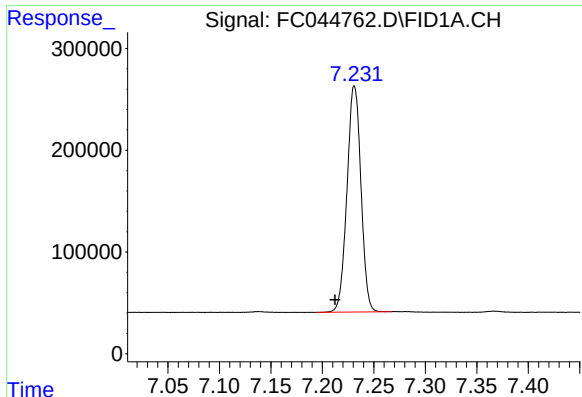
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min  
Delta R.T.: 0.019 min  
Response: 2079635  
Conc: 18.20 ug/ml



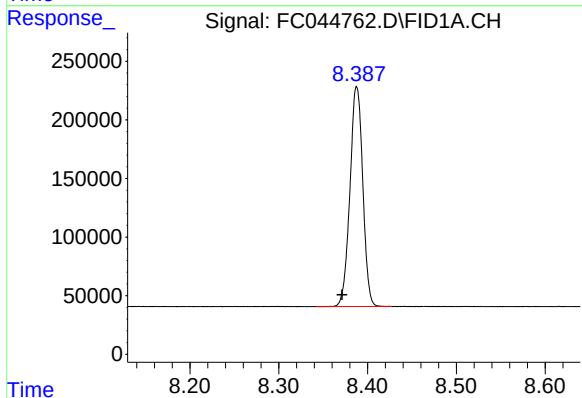
#4 n-Dodecane (C12)

R.T.: 6.595 min  
Delta R.T.: 0.018 min  
Response: 1868625  
Conc: 18.37 ug/ml



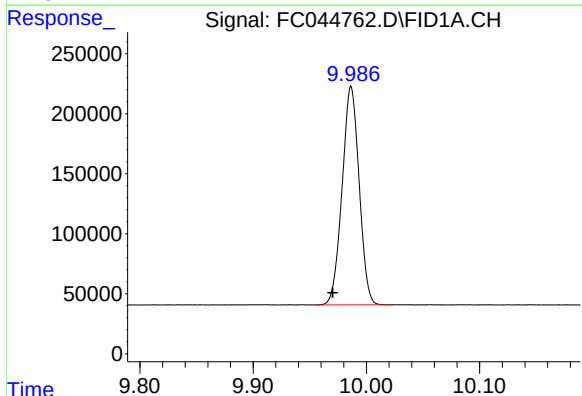
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.231 min  
Delta R.T.: 0.019 min  
Response: 2099311  
Conc: 18.31 ug/ml



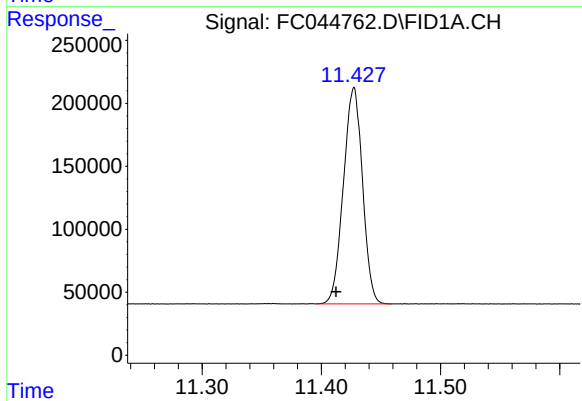
#6 n-Tetradecane (C14)

R.T.: 8.388 min  
Delta R.T.: 0.017 min  
Response: 1887246  
Conc: 18.52 ug/ml



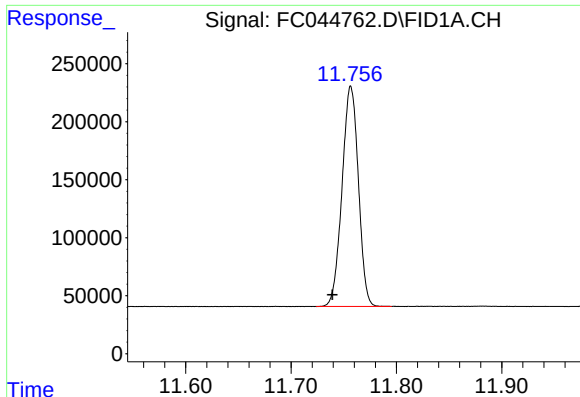
#7 n-Hexadecane (C16)

R.T.: 9.987 min  
Delta R.T.: 0.016 min  
Response: 1902500  
Conc: 18.54 ug/ml



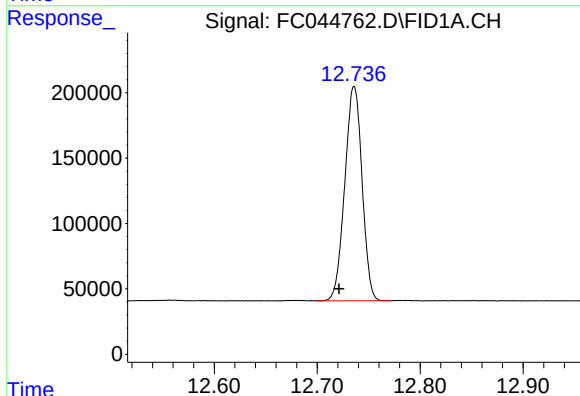
#8 n-Octadecane (C18)

R.T.: 11.427 min  
Delta R.T.: 0.015 min  
Response: 1911982  
Conc: 18.47 ug/ml



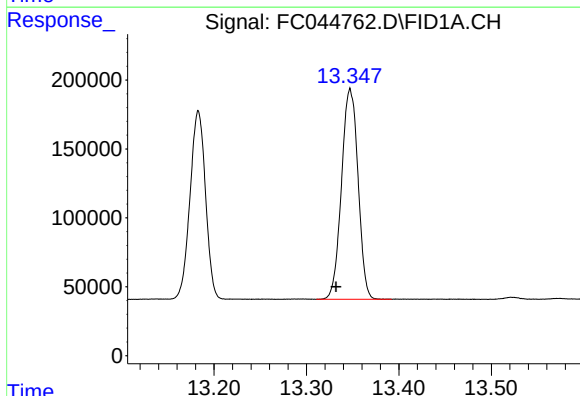
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min  
Delta R.T.: 0.017 min  
Response: 2046587  
Conc: 17.96 ug/ml



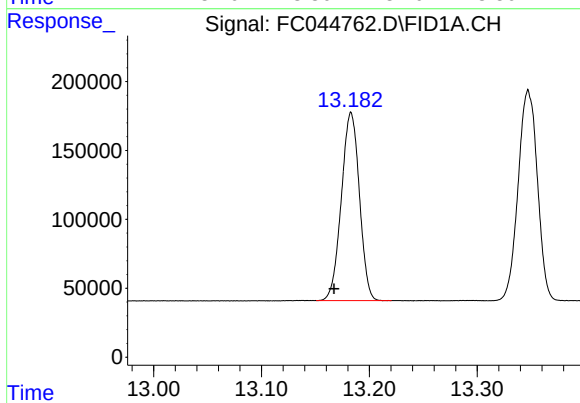
#10 n-Eicosane (C20)

R.T.: 12.736 min  
Delta R.T.: 0.015 min  
Response: 1912168  
Conc: 18.33 ug/ml



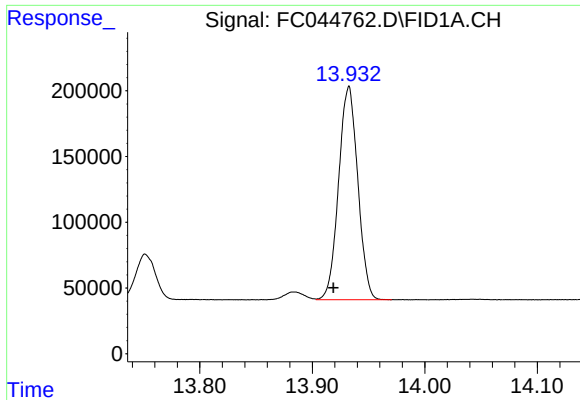
#11 n-Heneicosane (C21)

R.T.: 13.347 min  
Delta R.T.: 0.015 min  
Response: 1898815  
Conc: 18.00 ug/ml



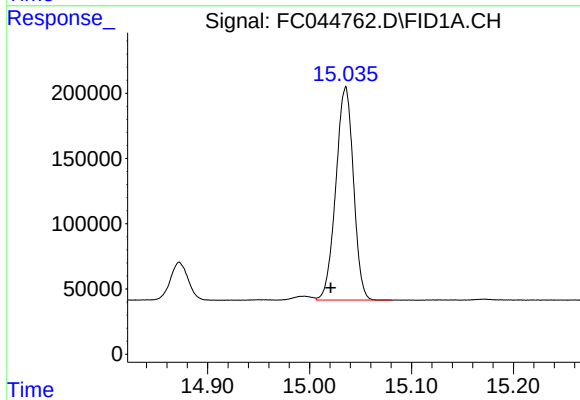
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min  
Delta R.T.: 0.016 min  
Response: 1588430  
Conc: 17.94 ug/ml



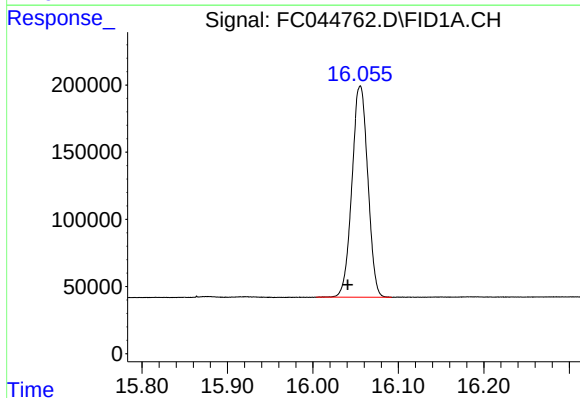
#13 n-Docosane (C22)

R.T.: 13.932 min  
Delta R.T.: 0.014 min  
Response: 1925333  
Conc: 18.25 ug/ml



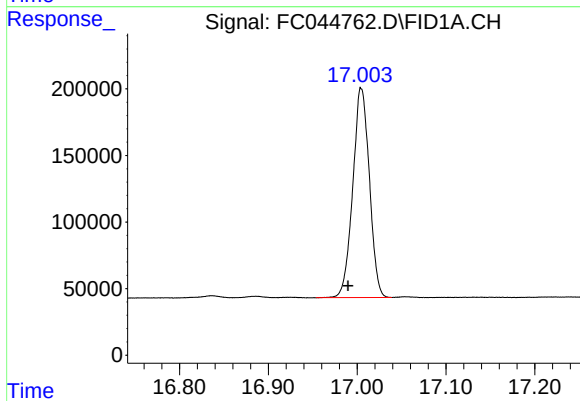
#14 n-Tetracosane (C24)

R.T.: 15.035 min  
Delta R.T.: 0.015 min  
Response: 1960238  
Conc: 18.31 ug/ml



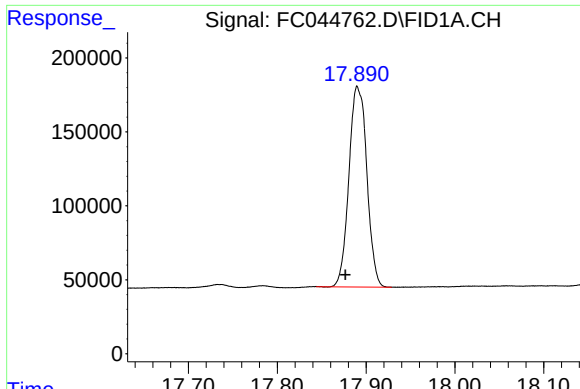
#15 n-Hexacosane (C26)

R.T.: 16.055 min  
Delta R.T.: 0.014 min  
Response: 2027591  
Conc: 19.05 ug/ml



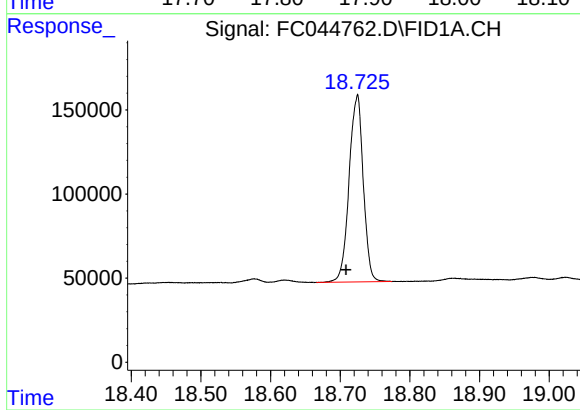
#16 n-Octacosane (C28)

R.T.: 17.005 min  
Delta R.T.: 0.015 min  
Response: 2042840  
Conc: 19.46 ug/ml



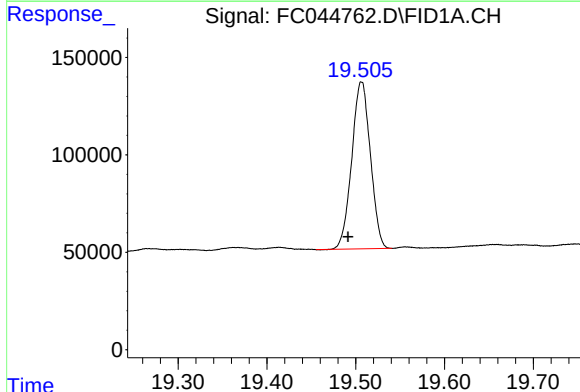
#17 n-Tricontane (C30)

R.T.: 17.890 min  
Delta R.T.: 0.013 min  
Response: 1900452  
Conc: 18.98 ug/ml



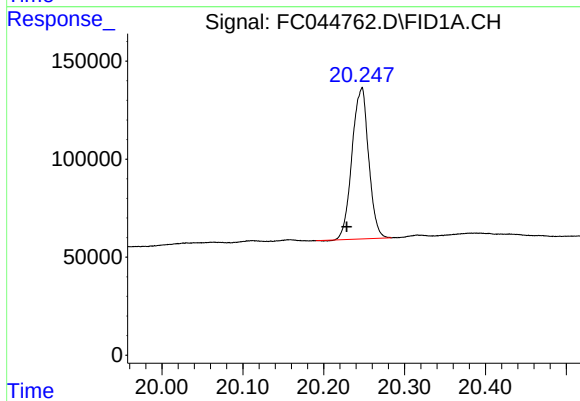
#18 n-Dotriacontane (C32)

R.T.: 18.725 min  
Delta R.T.: 0.016 min  
Response: 1569257  
Conc: 18.85 ug/ml



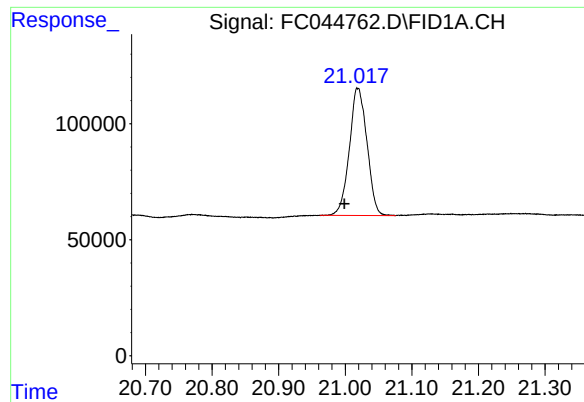
#19 n-Tetratriacontane (C34)

R.T.: 19.507 min  
Delta R.T.: 0.015 min  
Response: 1249950  
Conc: 18.22 ug/ml



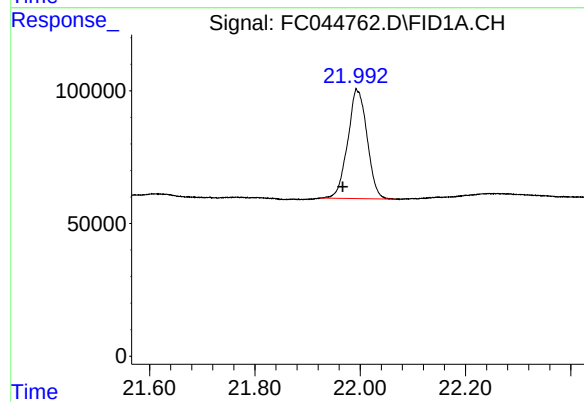
#20 n-Hexatriacontane (C36)

R.T.: 20.247 min  
Delta R.T.: 0.019 min  
Response: 1098679  
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.019 min  
Delta R.T.: 0.020 min  
Response: 1007474  
Conc: 18.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.993 min  
Delta R.T.: 0.026 min  
Response: 1048646  
Conc: 19.57 ug/ml