

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021320AL\  
 Data File : FC045820.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Feb 2020 5:04  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 14 05:40:10 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 012120.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 22 04:15:47 2020  
 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)    | 11.761 | 2314238    | 21.052 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.10%       |
| 12) S 1-chlorooctadecane (S... | 13.181 | 1794171    | 20.636 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.523  | 2227418    | 23.029 ug/ml |
| 2) T n-Decane (C10)            | 4.596  | 2298789    | 23.735 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.198  | 2482789    | 23.246 ug/ml |
| 4) T n-Dodecane (C12)          | 6.610  | 2318668    | 23.718 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.251  | 2490090    | 23.230 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.398  | 2304173    | 23.382 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.993  | 2276244    | 22.736 ug/ml |
| 8) T n-Octadecane (C18)        | 11.429 | 2238475    | 21.977 ug/ml |
| 10) T n-Eicosane (C20)         | 12.734 | 2178805    | 21.245 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.344 | 2154552    | 20.815 ug/ml |
| 13) T n-Docosane (C22)         | 13.929 | 2115211    | 20.500 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.028 | 2065796    | 19.880 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.045 | 2036514    | 19.712 ug/ml |
| 16) T n-Octacosane (C28)       | 16.994 | 2058261    | 20.137 ug/ml |
| 17) T n-Tricontane (C30)       | 17.877 | 2095064    | 21.341 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.707 | 1852900    | 22.268 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.487 | 1584016    | 22.383 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.223 | 1464443    | 22.839 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.992 | 1282246    | 21.923 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.960 | 1323656    | 22.438 ug/ml |
| -----                          |        |            |              |

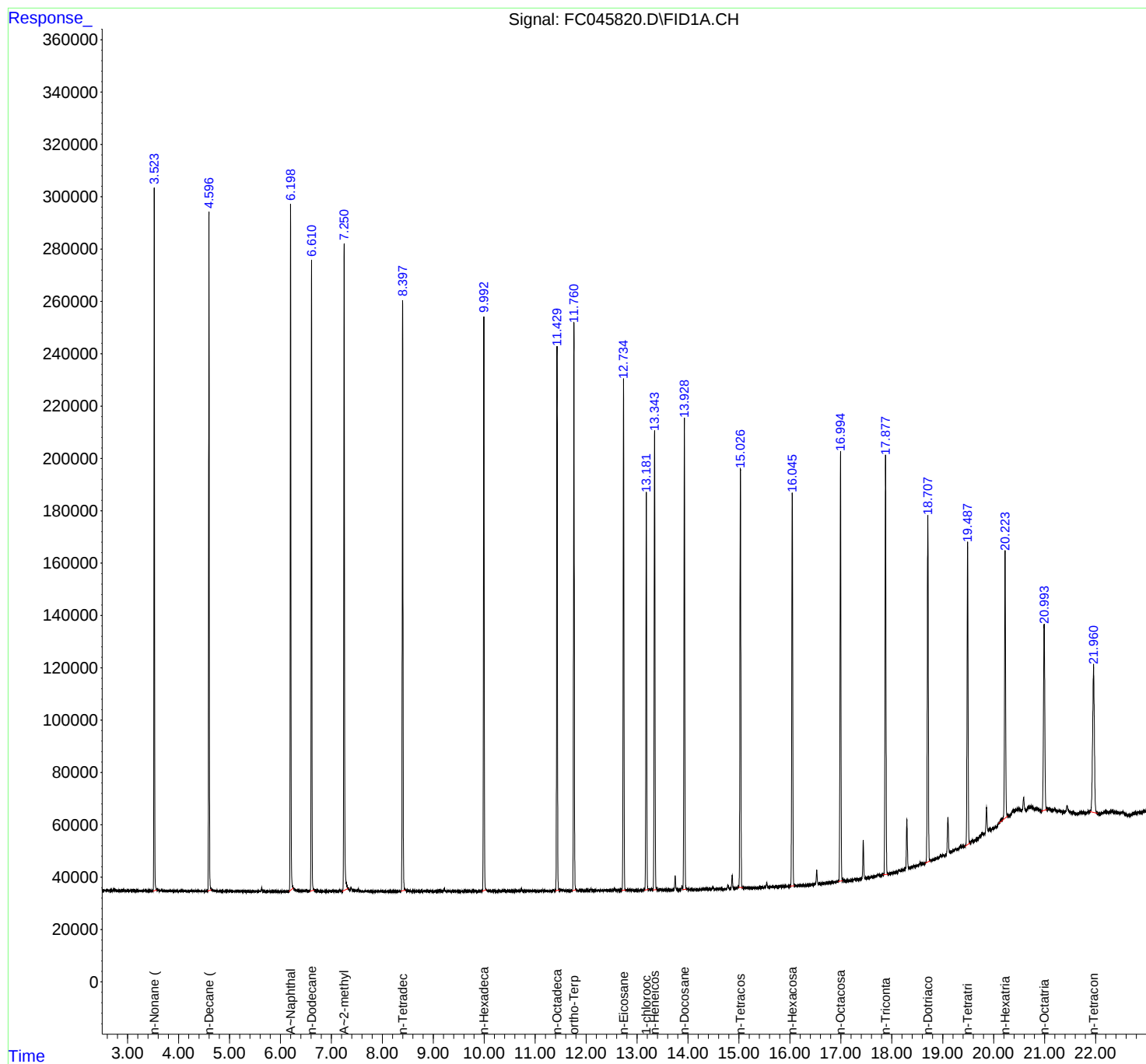
(f)=RT Delta > 1/2 Window

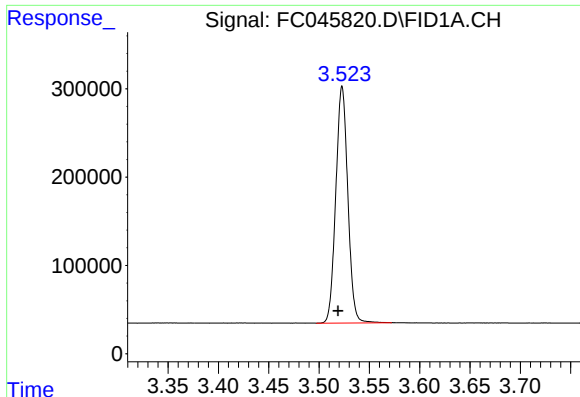
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021320AL\  
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ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Wed Jan 22 04:15:47 2020  
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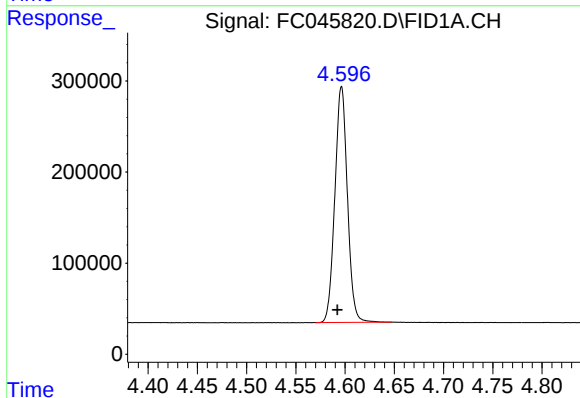
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





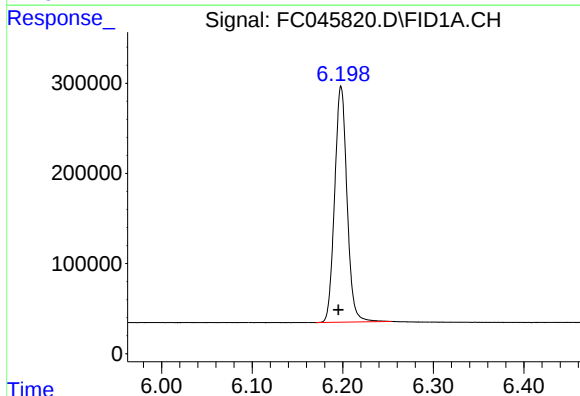
#1 n-Nonane (C9)

R.T.: 3.523 min  
Delta R.T.: 0.004 min  
Response: 2227418  
Conc: 23.03 ug/ml



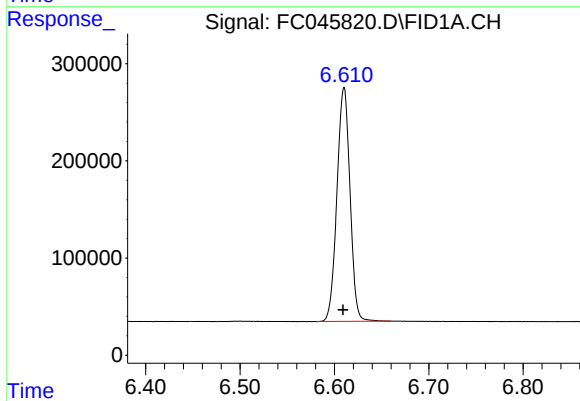
#2 n-Decane (C10)

R.T.: 4.596 min  
Delta R.T.: 0.004 min  
Response: 2298789  
Conc: 23.74 ug/ml



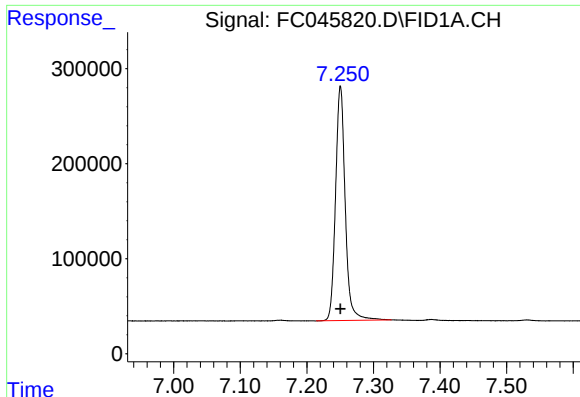
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min  
Delta R.T.: 0.003 min  
Response: 2482789  
Conc: 23.25 ug/ml



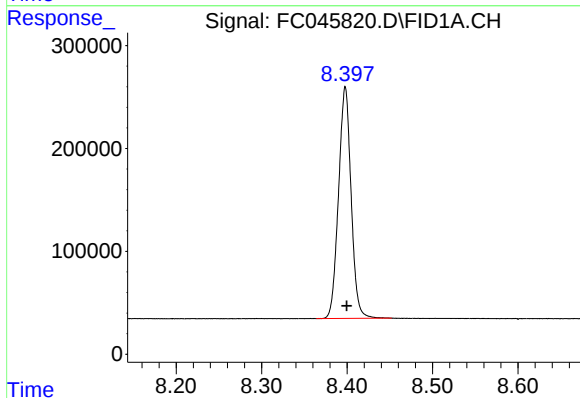
#4 n-Dodecane (C12)

R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 2318668  
Conc: 23.72 ug/ml



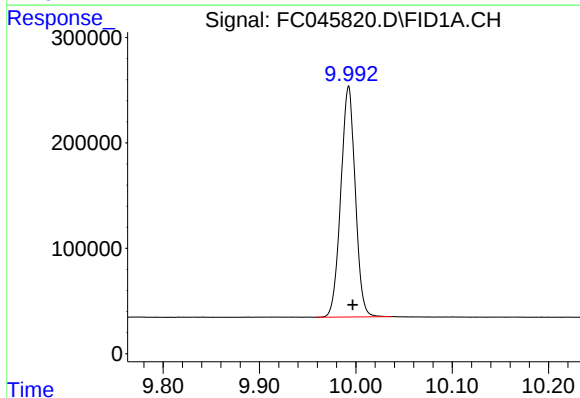
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min  
Delta R.T.: 0.000 min  
Response: 2490090  
Conc: 23.23 ug/ml



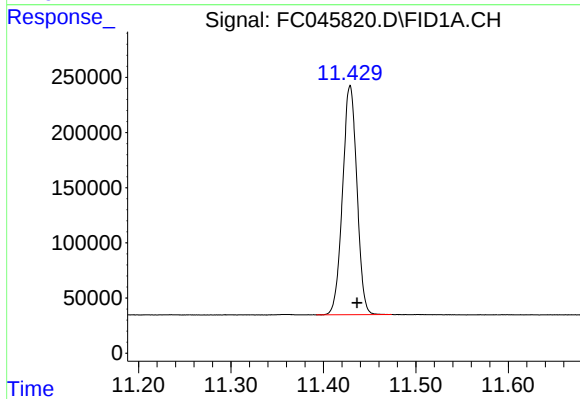
#6 n-Tetradecane (C14)

R.T.: 8.398 min  
Delta R.T.: -0.001 min  
Response: 2304173  
Conc: 23.38 ug/ml



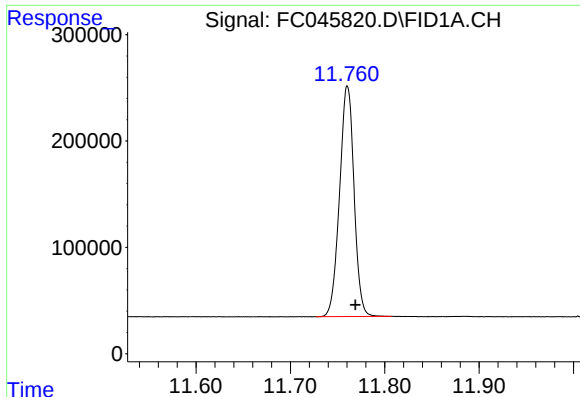
#7 n-Hexadecane (C16)

R.T.: 9.993 min  
Delta R.T.: -0.004 min  
Response: 2276244  
Conc: 22.74 ug/ml



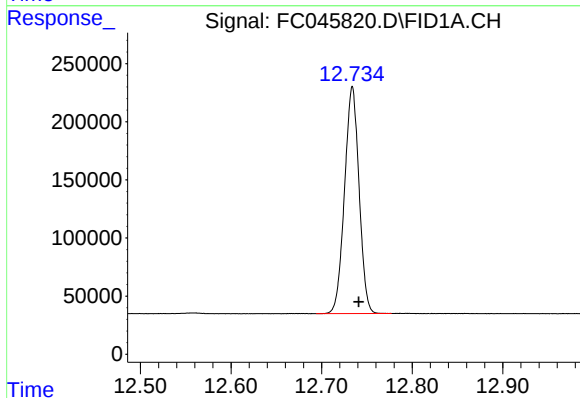
#8 n-Octadecane (C18)

R.T.: 11.429 min  
Delta R.T.: -0.007 min  
Response: 2238475  
Conc: 21.98 ug/ml



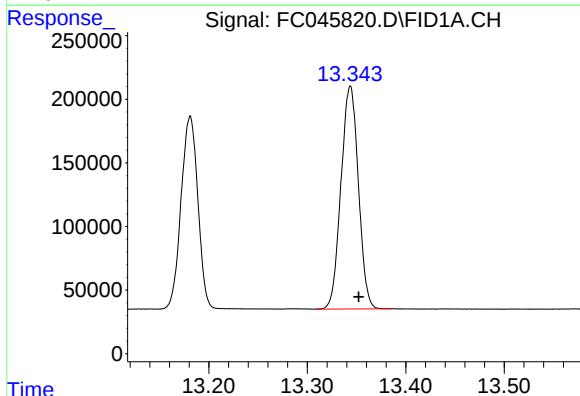
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min  
Delta R.T.: -0.008 min  
Response: 2314238  
Conc: 21.05 ug/ml



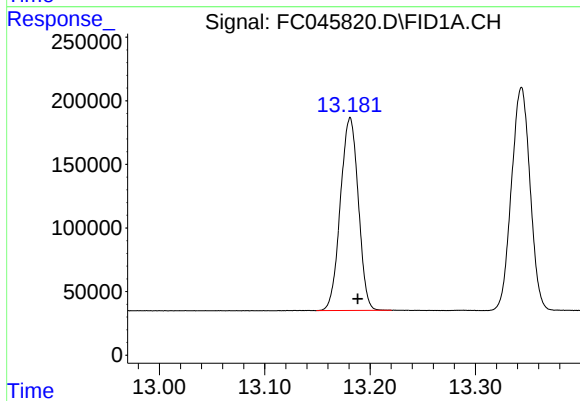
#10 n-Eicosane (C20)

R.T.: 12.734 min  
Delta R.T.: -0.007 min  
Response: 2178805  
Conc: 21.25 ug/ml



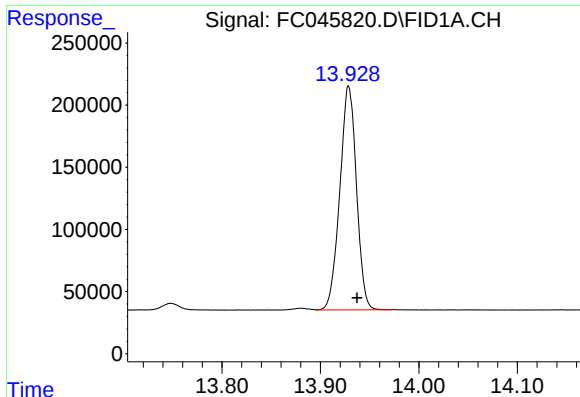
#11 n-Heneicosane (C21)

R.T.: 13.344 min  
Delta R.T.: -0.009 min  
Response: 2154552  
Conc: 20.82 ug/ml



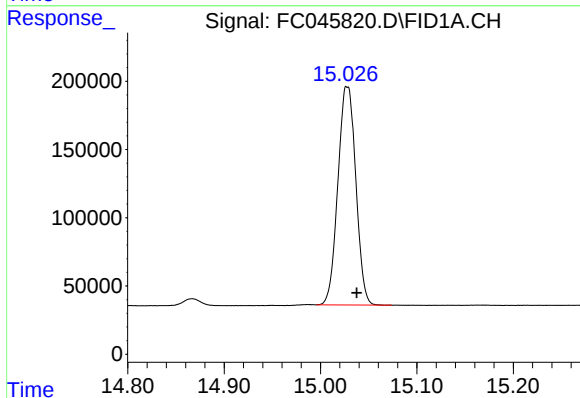
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min  
Delta R.T.: -0.007 min  
Response: 1794171  
Conc: 20.64 ug/ml



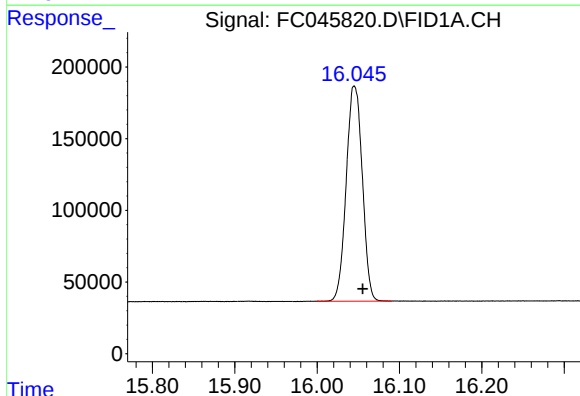
#13 n-Docosane (C22)

R.T.: 13.929 min  
Delta R.T.: -0.008 min  
Response: 2115211  
Conc: 20.50 ug/ml



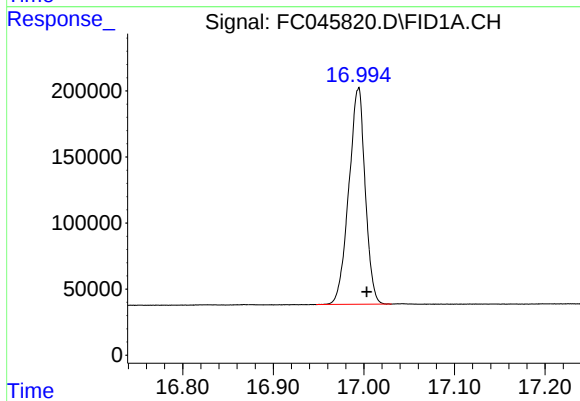
#14 n-Tetracosane (C24)

R.T.: 15.028 min  
Delta R.T.: -0.010 min  
Response: 2065796  
Conc: 19.88 ug/ml



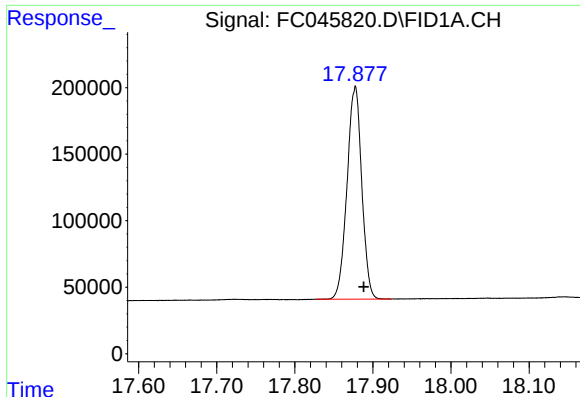
#15 n-Hexacosane (C26)

R.T.: 16.045 min  
Delta R.T.: -0.010 min  
Response: 2036514  
Conc: 19.71 ug/ml



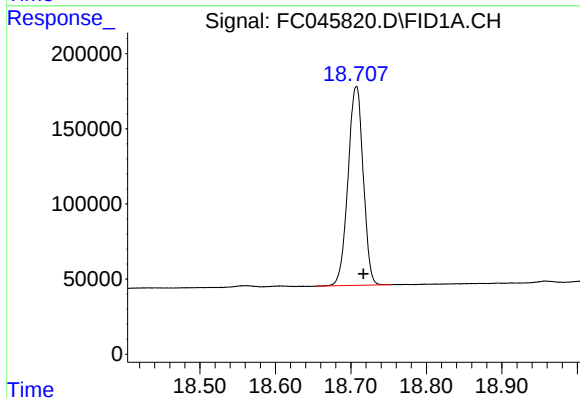
#16 n-Octacosane (C28)

R.T.: 16.994 min  
Delta R.T.: -0.009 min  
Response: 2058261  
Conc: 20.14 ug/ml



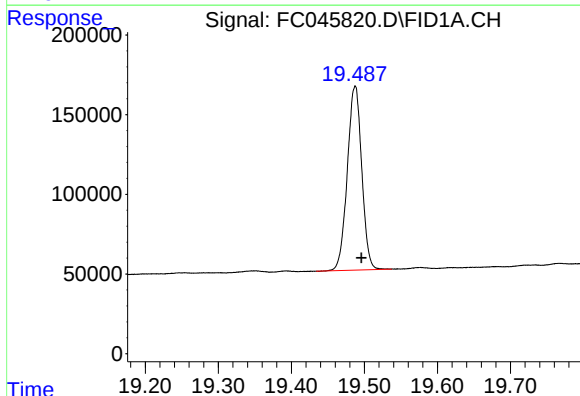
#17 n-Tricontane (C30)

R.T.: 17.877 min  
Delta R.T.: -0.011 min  
Response: 2095064  
Conc: 21.34 ug/ml



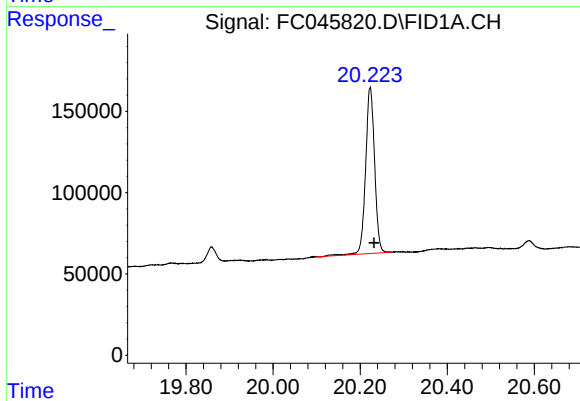
#18 n-Dotriacontane (C32)

R.T.: 18.707 min  
Delta R.T.: -0.009 min  
Response: 1852900  
Conc: 22.27 ug/ml



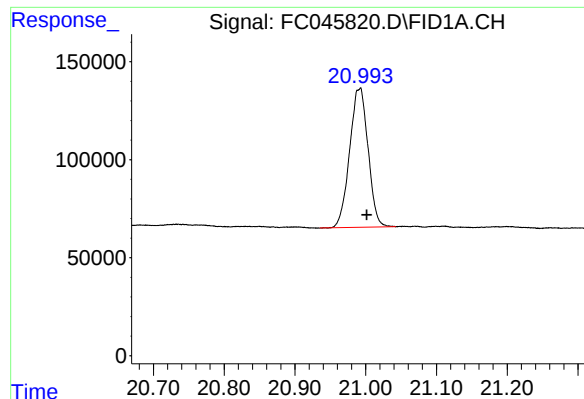
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min  
Delta R.T.: -0.009 min  
Response: 1584016  
Conc: 22.38 ug/ml



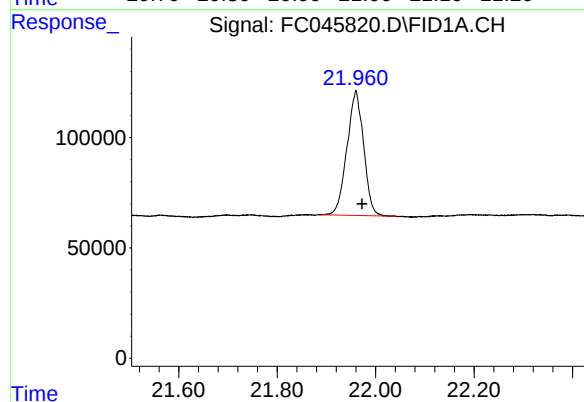
#20 n-Hexatriacontane (C36)

R.T.: 20.223 min  
Delta R.T.: -0.009 min  
Response: 1464443  
Conc: 22.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min  
Delta R.T.: -0.010 min  
Response: 1282246  
Conc: 21.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.960 min  
Delta R.T.: -0.012 min  
Response: 1323656  
Conc: 22.44 ug/ml