

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080819AL\  
 Data File : FC042764.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Aug 2019 18:42  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 09 04:14:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080819.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 08 16:36:10 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)    | 11.681 | 2704606    | 19.040 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.08%       |
| 12) S 1-chlorooctadecane (S... | 13.104 | 2262563    | 19.062 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.12%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.486  | 2364523    | 19.067 ug/ml |
| 2) T n-Decane (C10)            | 4.548  | 2398350    | 19.116 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.133  | 2622877    | 19.363 ug/ml |
| 4) T n-Dodecane (C12)          | 6.551  | 2415551    | 19.045 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.182  | 2618642    | 19.250 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.333  | 2435522    | 19.088 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.923  | 2467176    | 19.087 ug/ml |
| 8) T n-Octadecane (C18)        | 11.357 | 2520272    | 19.048 ug/ml |
| 10) T n-Eicosane (C20)         | 12.660 | 2575425    | 19.053 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.268 | 2574043    | 19.042 ug/ml |
| 13) T n-Docosane (C22)         | 13.851 | 2581449    | 19.014 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.949 | 2594143    | 19.051 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.965 | 2572503    | 19.071 ug/ml |
| 16) T n-Octacosane (C28)       | 16.911 | 2549657    | 19.160 ug/ml |
| 17) T n-Tricontane (C30)       | 17.793 | 2463518    | 19.240 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.625 | 2244131    | 19.246 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.404 | 1856466    | 19.323 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.141 | 1593113    | 19.205 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.886 | 1422614    | 19.230 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.812 | 1369953    | 18.966 ug/ml |
| -----                          |        |            |              |

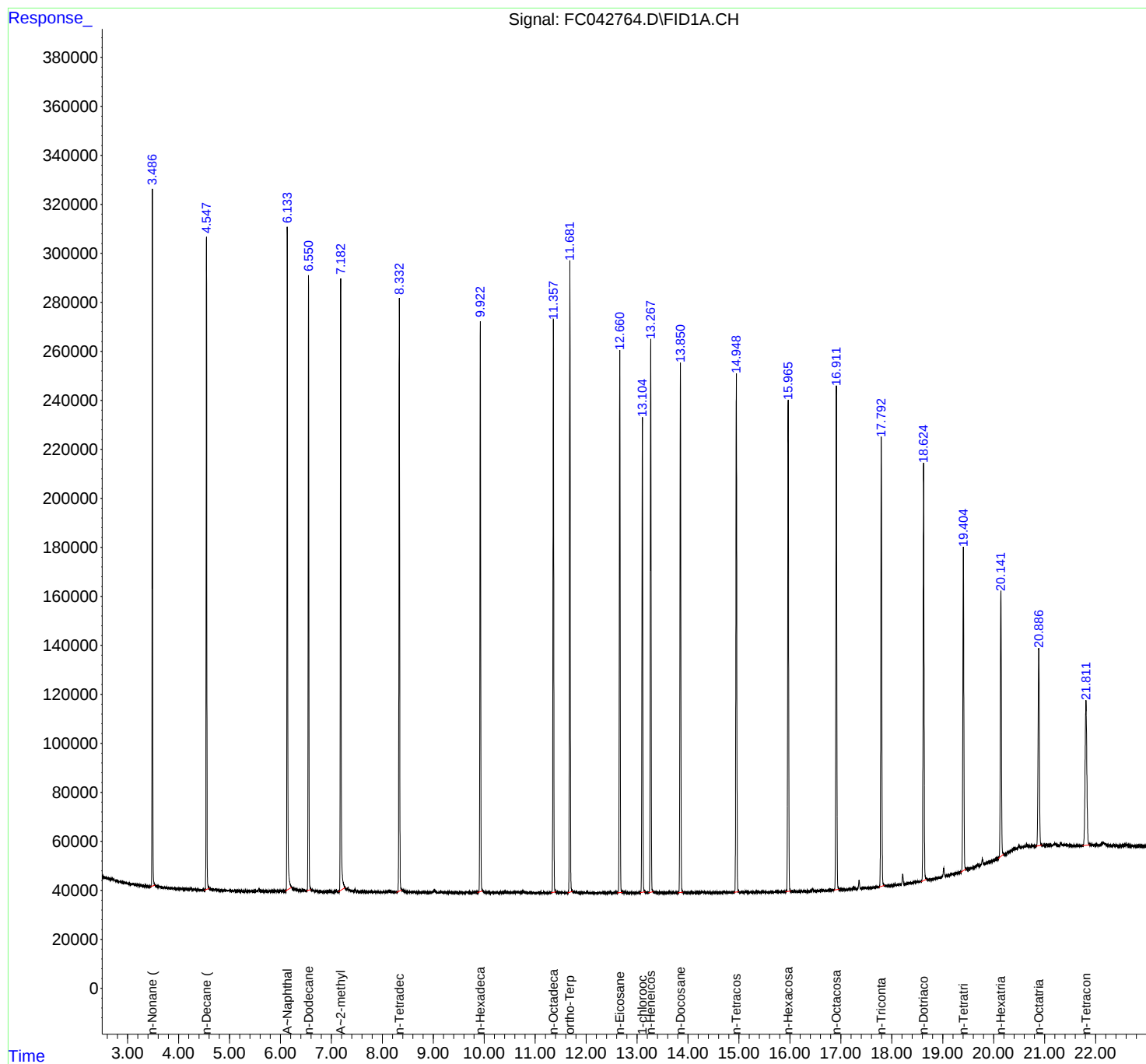
(f)=RT Delta > 1/2 Window

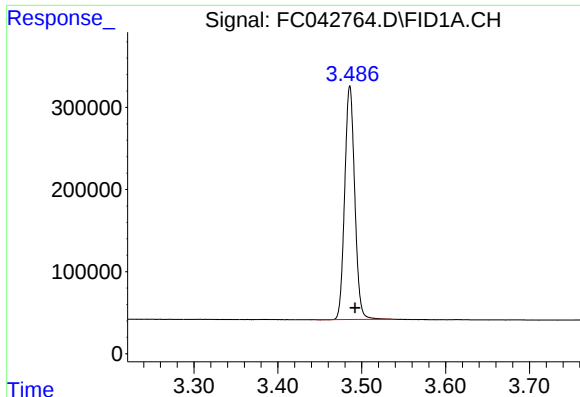
(m)=manual int.

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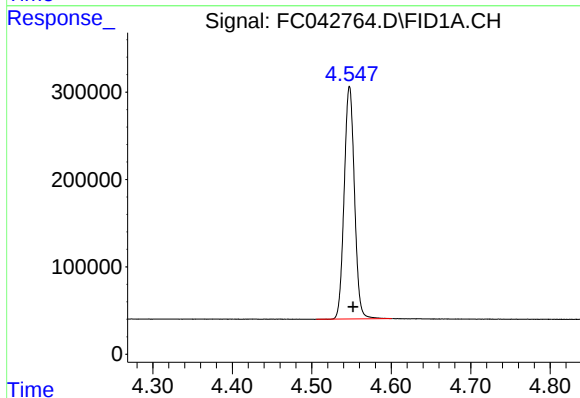
Volume Inj. : 1 ul  
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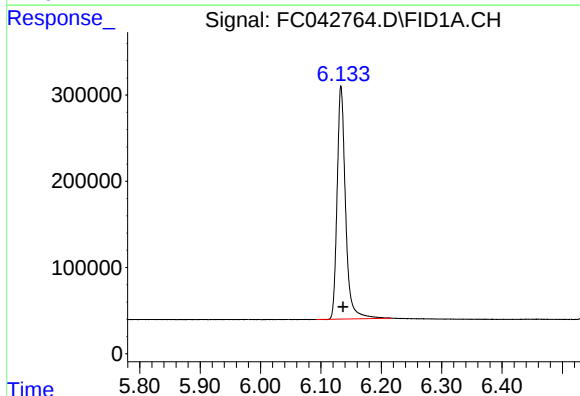
#1 n-Nonane (C9)

R.T.: 3.486 min  
Delta R.T.: -0.006 min  
Response: 2364523  
Conc: 19.07 ug/ml



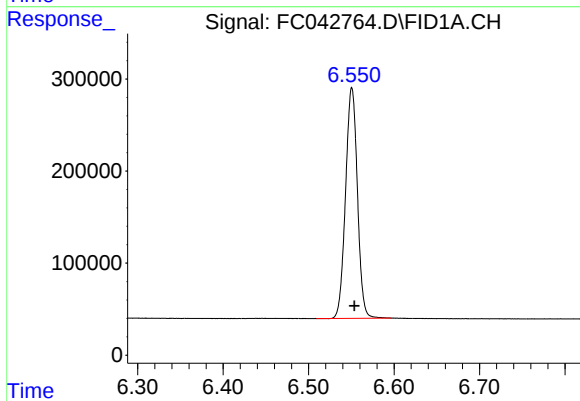
#2 n-Decane (C10)

R.T.: 4.548 min  
Delta R.T.: -0.005 min  
Response: 2398350  
Conc: 19.12 ug/ml



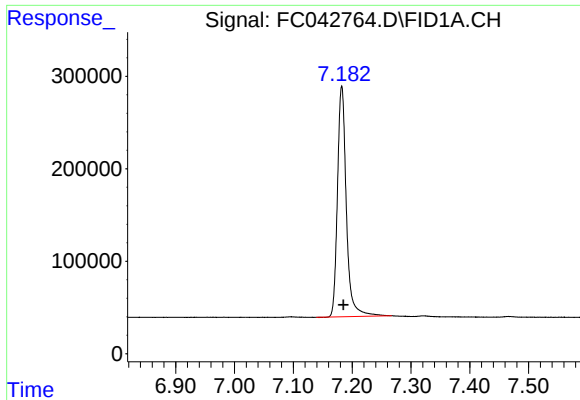
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min  
Delta R.T.: -0.003 min  
Response: 2622877  
Conc: 19.36 ug/ml



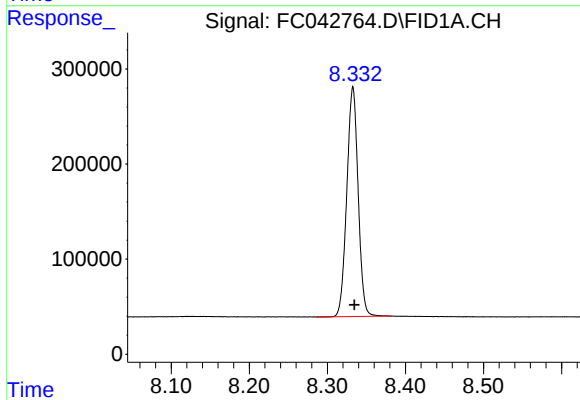
#4 n-Dodecane (C12)

R.T.: 6.551 min  
Delta R.T.: -0.003 min  
Response: 2415551  
Conc: 19.05 ug/ml



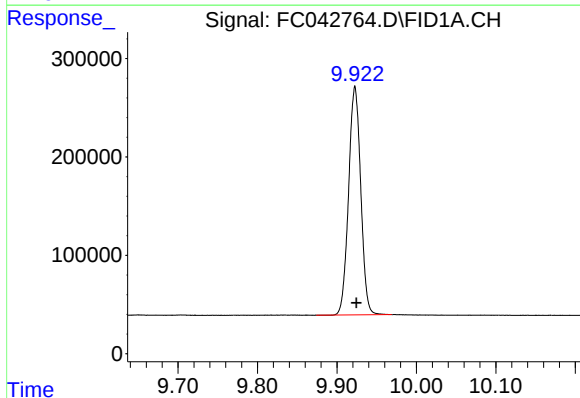
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.182 min  
Delta R.T.: -0.003 min  
Response: 2618642  
Conc: 19.25 ug/ml



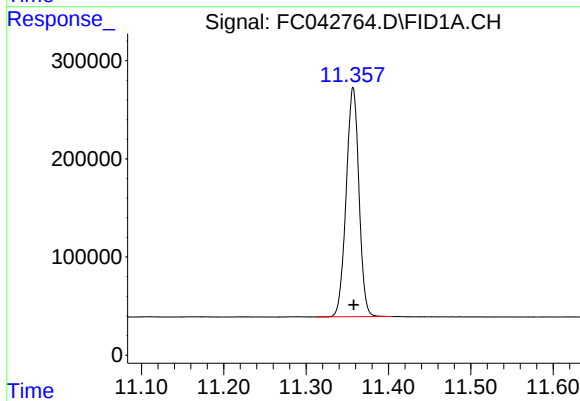
#6 n-Tetradecane (C14)

R.T.: 8.333 min  
Delta R.T.: -0.002 min  
Response: 2435522  
Conc: 19.09 ug/ml



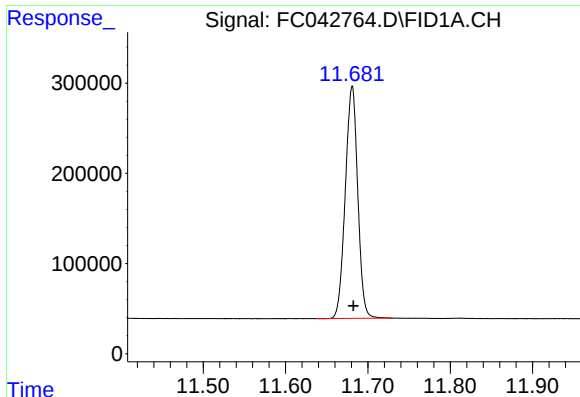
#7 n-Hexadecane (C16)

R.T.: 9.923 min  
Delta R.T.: -0.002 min  
Response: 2467176  
Conc: 19.09 ug/ml



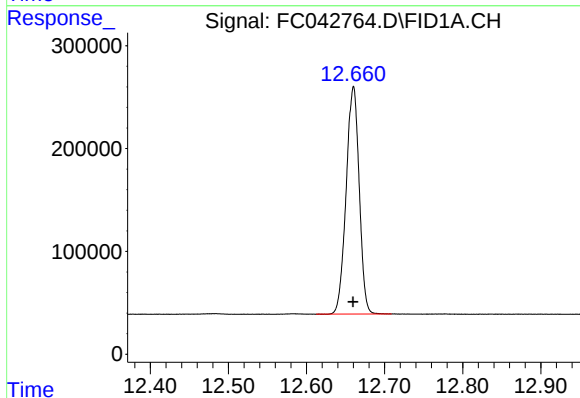
#8 n-Octadecane (C18)

R.T.: 11.357 min  
Delta R.T.: 0.000 min  
Response: 2520272  
Conc: 19.05 ug/ml



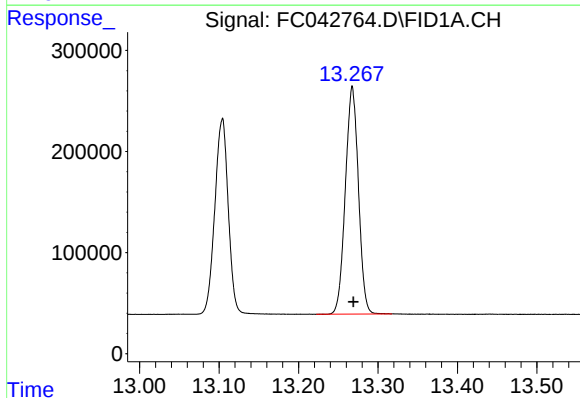
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min  
Delta R.T.: -0.002 min  
Response: 2704606  
Conc: 19.04 ug/ml



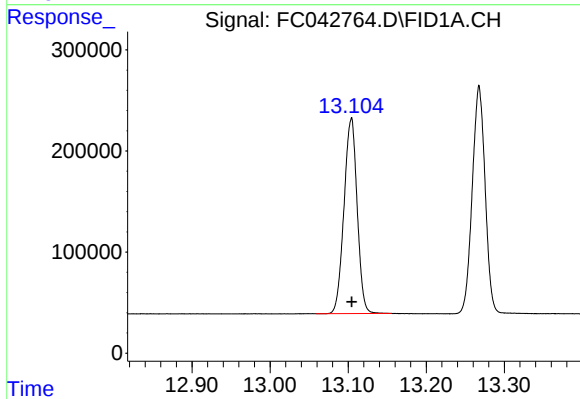
#10 n-Eicosane (C20)

R.T.: 12.660 min  
Delta R.T.: 0.000 min  
Response: 2575425  
Conc: 19.05 ug/ml



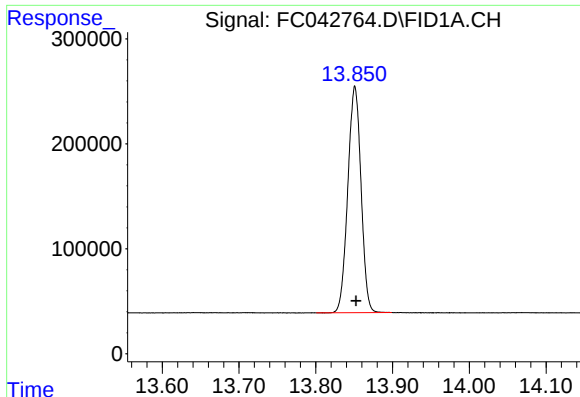
#11 n-Heneicosane (C21)

R.T.: 13.268 min  
Delta R.T.: -0.001 min  
Response: 2574043  
Conc: 19.04 ug/ml



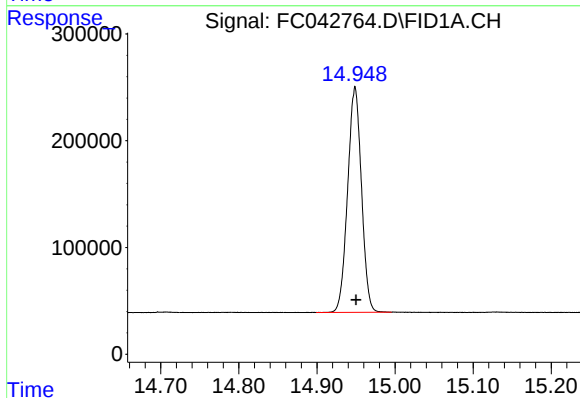
#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min  
Delta R.T.: 0.000 min  
Response: 2262563  
Conc: 19.06 ug/ml



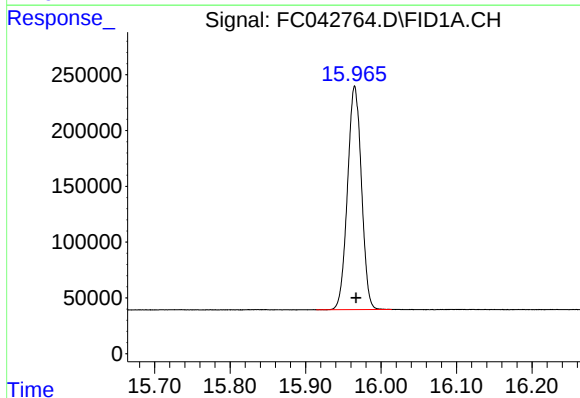
#13 n-Docosane (C22)

R.T.: 13.851 min  
Delta R.T.: -0.001 min  
Response: 2581449  
Conc: 19.01 ug/ml



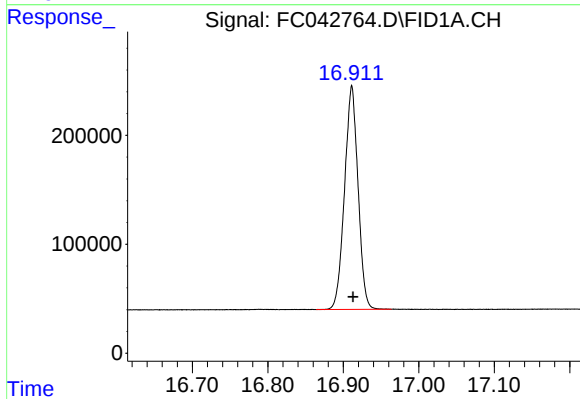
#14 n-Tetracosane (C24)

R.T.: 14.949 min  
Delta R.T.: -0.001 min  
Response: 2594143  
Conc: 19.05 ug/ml



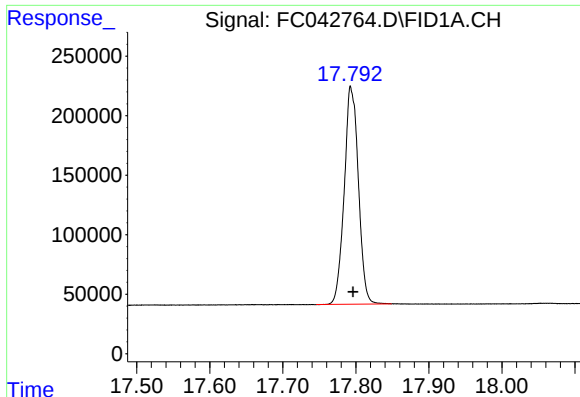
#15 n-Hexacosane (C26)

R.T.: 15.965 min  
Delta R.T.: -0.002 min  
Response: 2572503  
Conc: 19.07 ug/ml



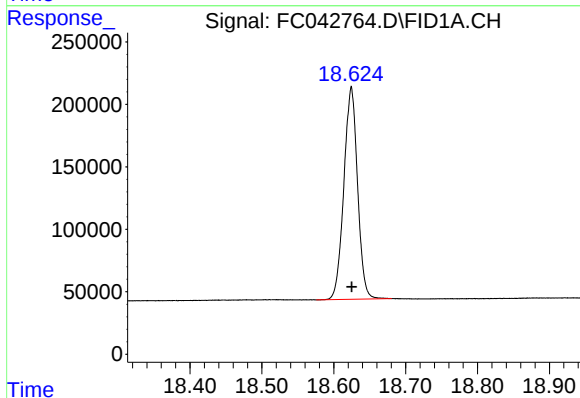
#16 n-Octacosane (C28)

R.T.: 16.911 min  
Delta R.T.: -0.002 min  
Response: 2549657  
Conc: 19.16 ug/ml



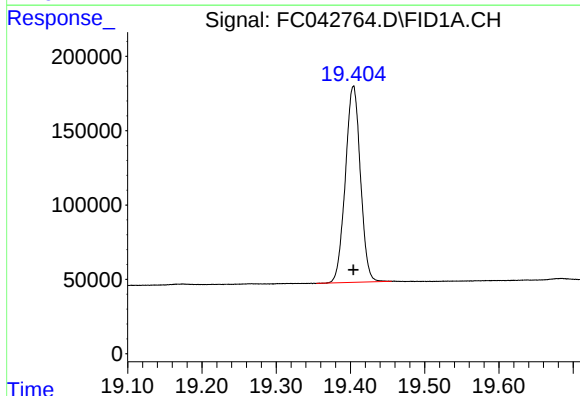
#17 n-Tricontane (C30)

R.T.: 17.793 min  
Delta R.T.: -0.003 min  
Response: 2463518  
Conc: 19.24 ug/ml



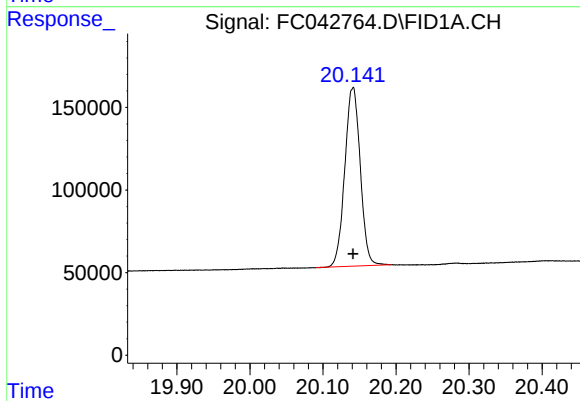
#18 n-Dotriacontane (C32)

R.T.: 18.625 min  
Delta R.T.: 0.000 min  
Response: 2244131  
Conc: 19.25 ug/ml



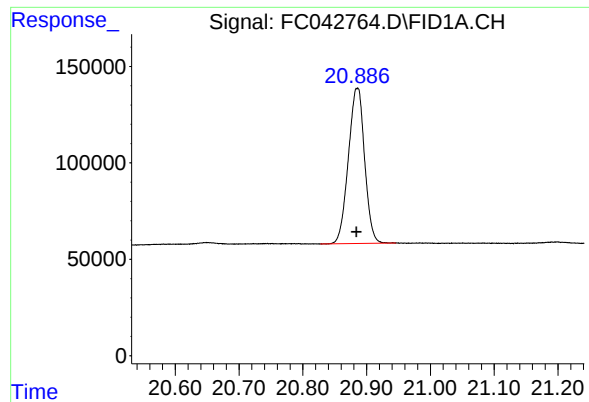
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min  
Delta R.T.: 0.000 min  
Response: 1856466  
Conc: 19.32 ug/ml



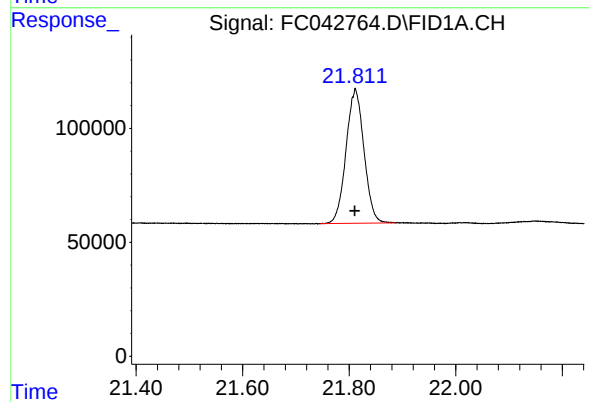
#20 n-Hexatriacontane (C36)

R.T.: 20.141 min  
Delta R.T.: 0.000 min  
Response: 1593113  
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min  
Delta R.T.: 0.002 min  
Response: 1422614  
Conc: 19.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.812 min  
Delta R.T.: 0.001 min  
Response: 1369953  
Conc: 18.97 ug/ml