

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052422AL\  
 Data File : FC059893.D  
 Signal(s) : FID1A.CH  
 Acq On : 24 May 2022 9:53  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 24 12:34:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 09 11:12:42 2022  
 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)    | 10.645 | 3120209    | 21.248 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.50%        |
| 12) S 1-chlorooctadecane (S... | 12.015 | 2437556    | 21.181 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.36%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.624  | 2936357    | 22.994 ug/ml  |
| 2) T n-Decane (C10)            | 3.623  | 2937824    | 23.197 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.159  | 3340903    | 22.689 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.577  | 3029637    | 23.038 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.183  | 3354138    | 22.313 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.329  | 3047508    | 22.648 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.892  | 3056037    | 22.272 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.300 | 3010520    | 21.846 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.580 | 2884236    | 21.445 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.178 | 2846920    | 21.341 ug/ml  |
| 13) T n-Docosane (C22)         | 12.750 | 2791379    | 21.269 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.828 | 2738465    | 21.765 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.827 | 2554705    | 21.391 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.754 | 2499123    | 21.952 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.623 | 2465222    | 22.427 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.436 | 2305926    | 22.305 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.200 | 2073508    | 21.238 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.922 | 1769088    | 19.056 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.607 | 1548430    | 16.266 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.253 | 1437205    | 15.182 ug/mlm |
| -----                          |        |            |               |

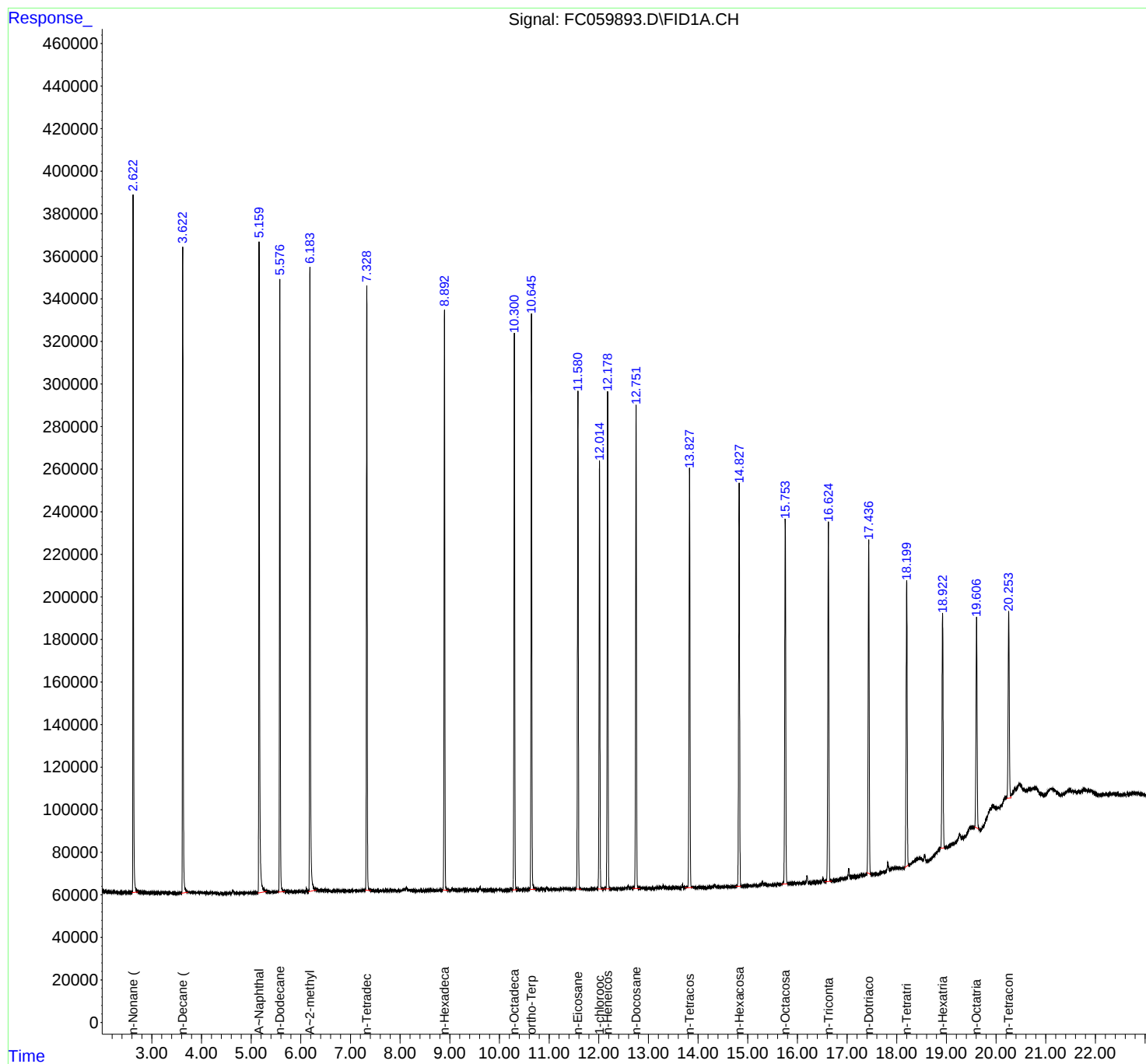
(f)=RT Delta > 1/2 Window

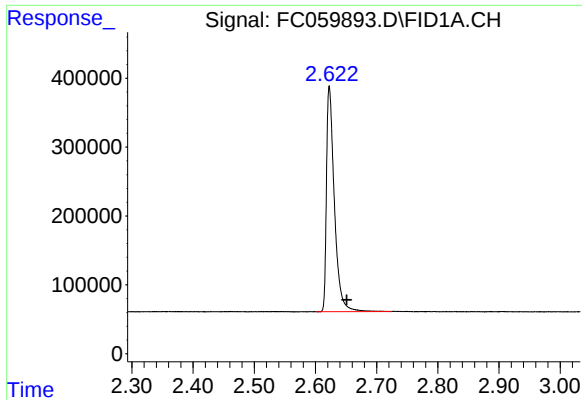
(m)=manual int.

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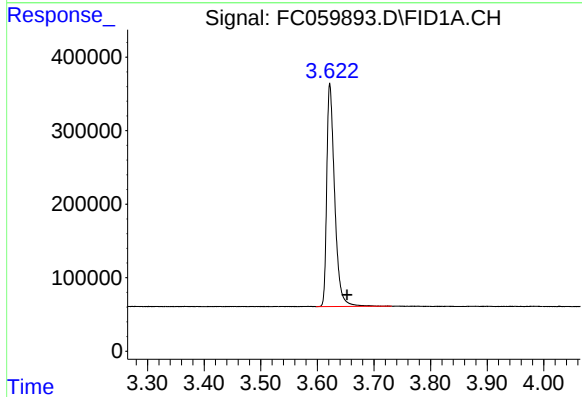
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





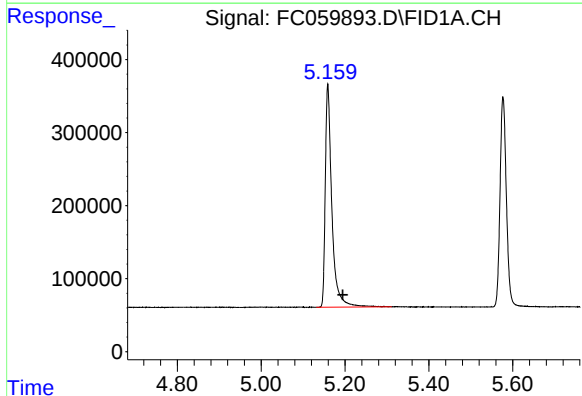
#1 n-Nonane (C9)

R.T.: 2.624 min  
Delta R.T.: -0.027 min  
Response: 2936357  
Conc: 22.99 ug/ml



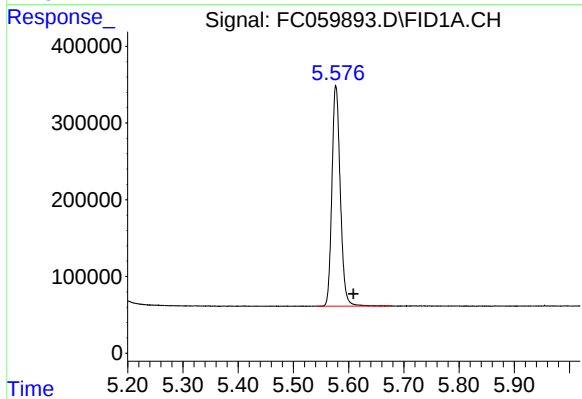
#2 n-Decane (C10)

R.T.: 3.623 min  
Delta R.T.: -0.030 min  
Response: 2937824  
Conc: 23.20 ug/ml



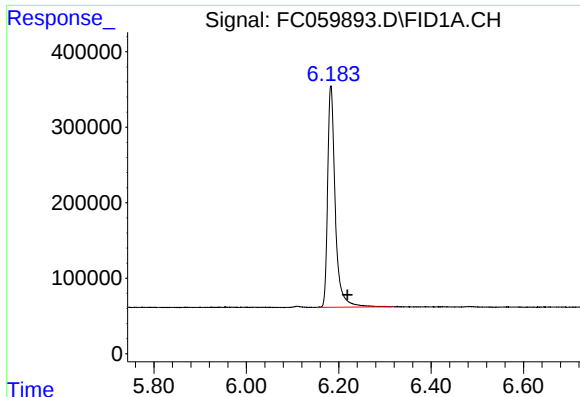
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min  
Delta R.T.: -0.035 min  
Response: 3340903  
Conc: 22.69 ug/ml



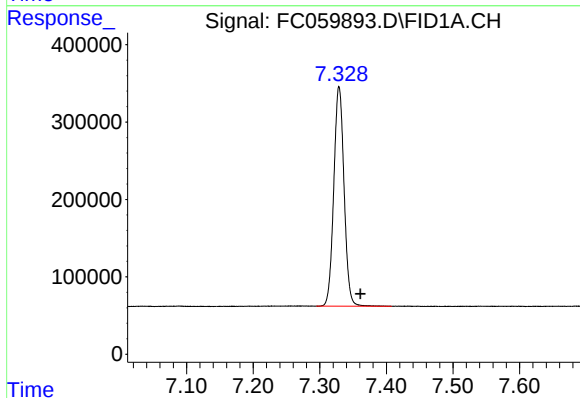
#4 n-Dodecane (C12)

R.T.: 5.577 min  
Delta R.T.: -0.031 min  
Response: 3029637  
Conc: 23.04 ug/ml



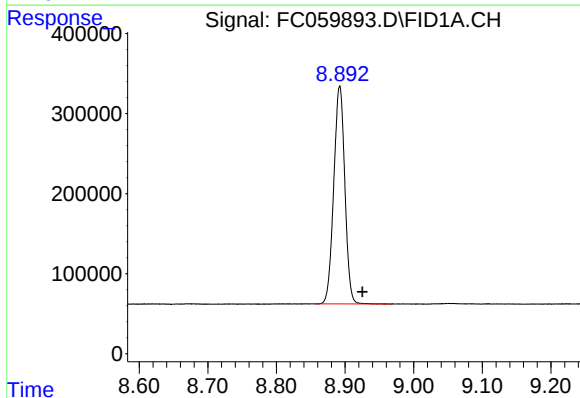
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min  
Delta R.T.: -0.036 min  
Response: 3354138  
Conc: 22.31 ug/ml



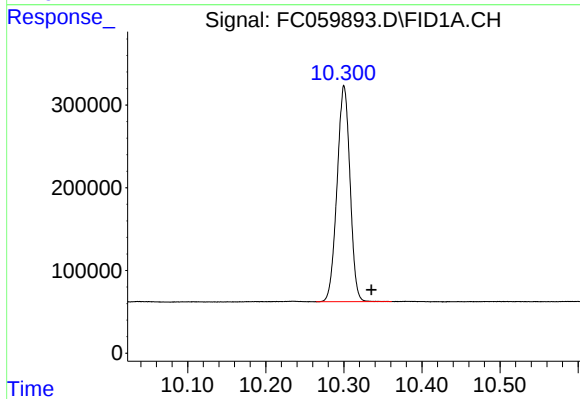
#6 n-Tetradecane (C14)

R.T.: 7.329 min  
Delta R.T.: -0.032 min  
Response: 3047508  
Conc: 22.65 ug/ml



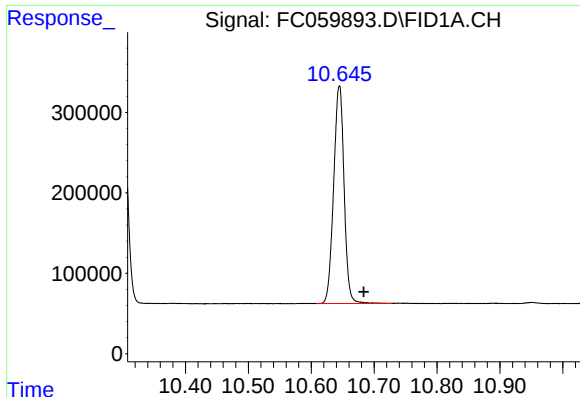
#7 n-Hexadecane (C16)

R.T.: 8.892 min  
Delta R.T.: -0.033 min  
Response: 3056037  
Conc: 22.27 ug/ml



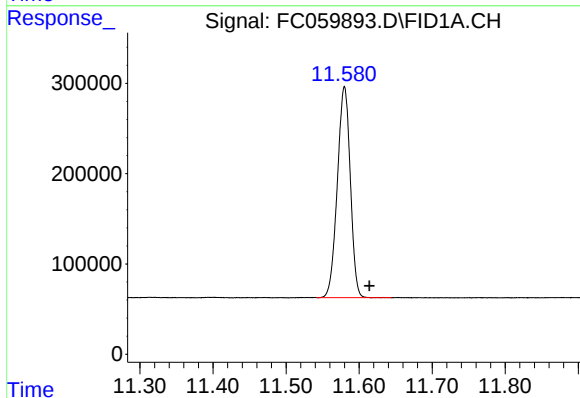
#8 n-Octadecane (C18)

R.T.: 10.300 min  
Delta R.T.: -0.035 min  
Response: 3010520  
Conc: 21.85 ug/ml



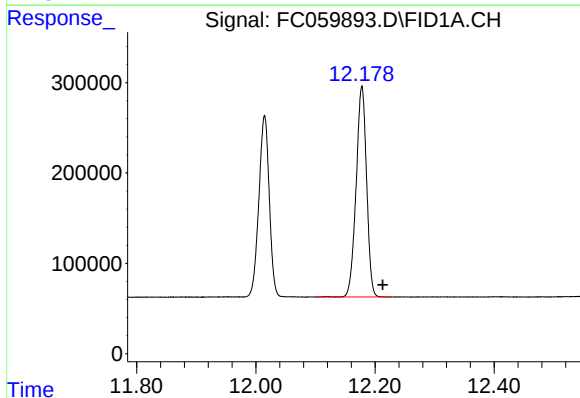
#9 ortho-Terphenyl (SURR)

R.T.: 10.645 min  
Delta R.T.: -0.039 min  
Response: 3120209  
Conc: 21.25 ug/ml



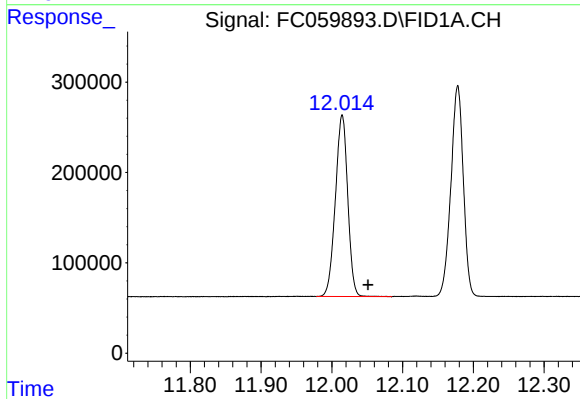
#10 n-Eicosane (C20)

R.T.: 11.580 min  
Delta R.T.: -0.035 min  
Response: 2884236  
Conc: 21.44 ug/ml



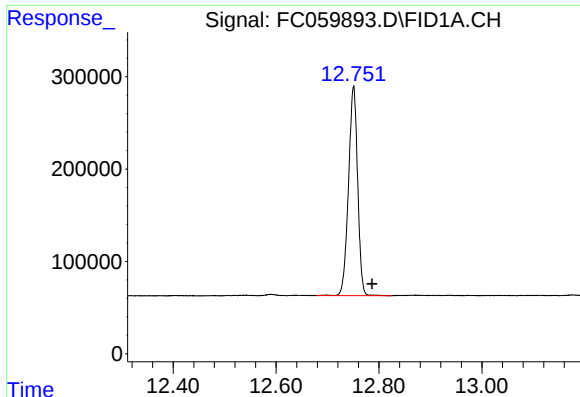
#11 n-Heneicosane (C21)

R.T.: 12.178 min  
Delta R.T.: -0.035 min  
Response: 2846920  
Conc: 21.34 ug/ml



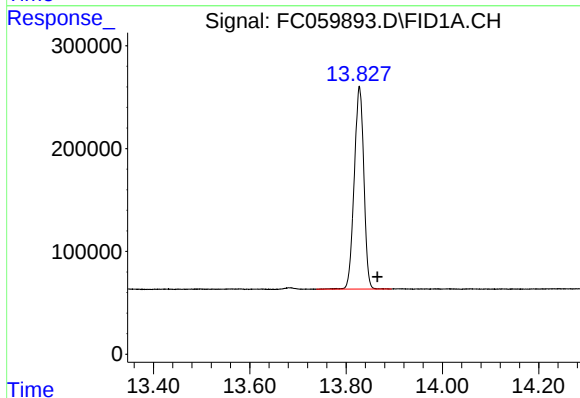
#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min  
Delta R.T.: -0.037 min  
Response: 2437556  
Conc: 21.18 ug/ml



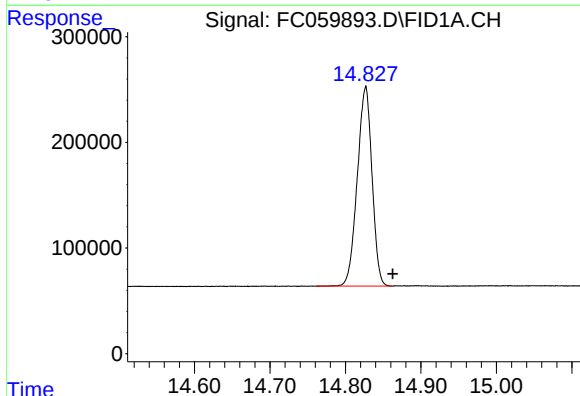
#13 n-Docosane (C22)

R.T.: 12.750 min  
Delta R.T.: -0.036 min  
Response: 2791379  
Conc: 21.27 ug/ml



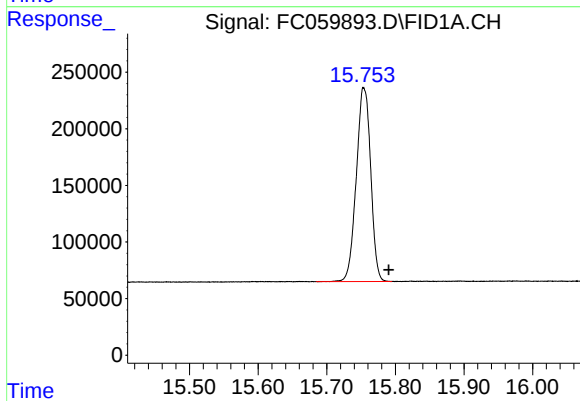
#14 n-Tetracosane (C24)

R.T.: 13.828 min  
Delta R.T.: -0.037 min  
Response: 2738465  
Conc: 21.76 ug/ml



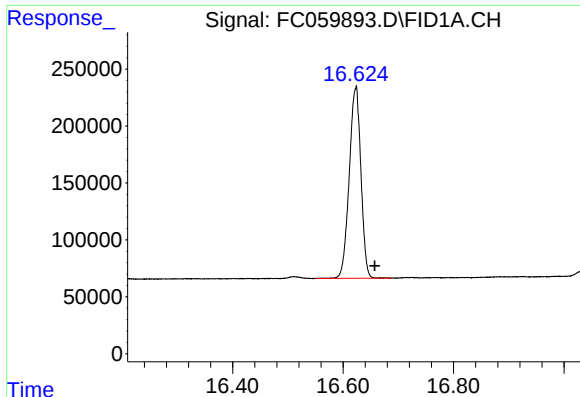
#15 n-Hexacosane (C26)

R.T.: 14.827 min  
Delta R.T.: -0.036 min  
Response: 2554705  
Conc: 21.39 ug/ml



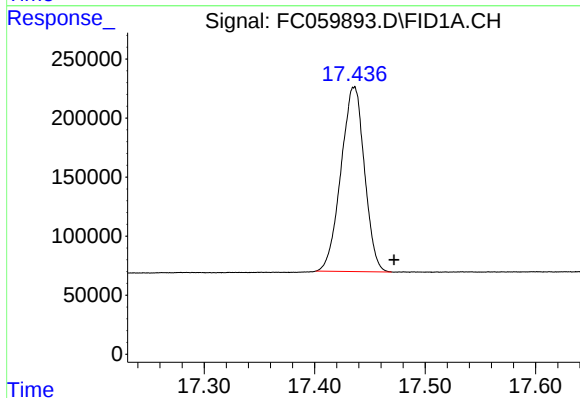
#16 n-Octacosane (C28)

R.T.: 15.754 min  
Delta R.T.: -0.036 min  
Response: 2499123  
Conc: 21.95 ug/ml



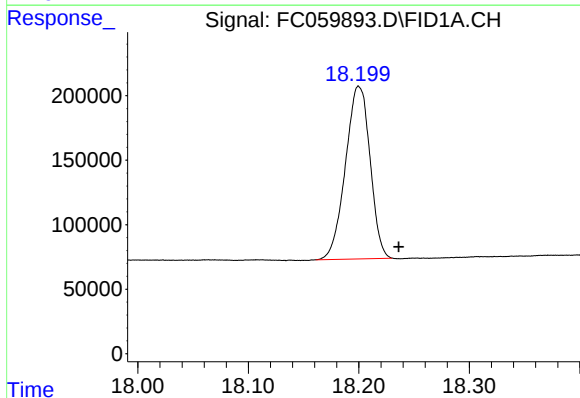
#17 n-Tricontane (C30)

R.T.: 16.623 min  
Delta R.T.: -0.035 min  
Response: 2465222  
Conc: 22.43 ug/ml



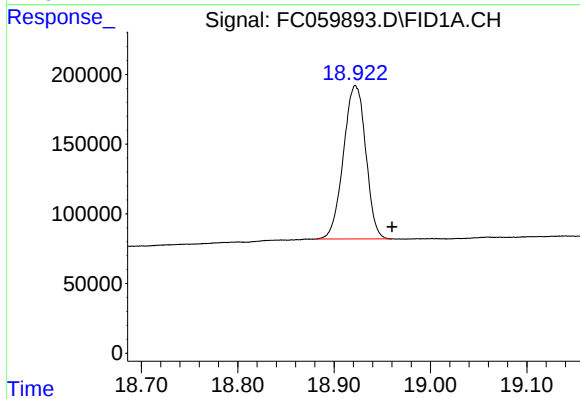
#18 n-Dotriacontane (C32)

R.T.: 17.436 min  
Delta R.T.: -0.036 min  
Response: 2305926  
Conc: 22.30 ug/ml



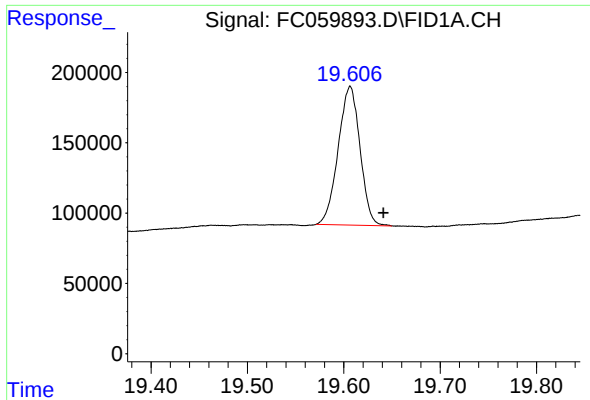
#19 n-Tetratriacontane (C34)

R.T.: 18.200 min  
Delta R.T.: -0.036 min  
Response: 2073508  
Conc: 21.24 ug/ml



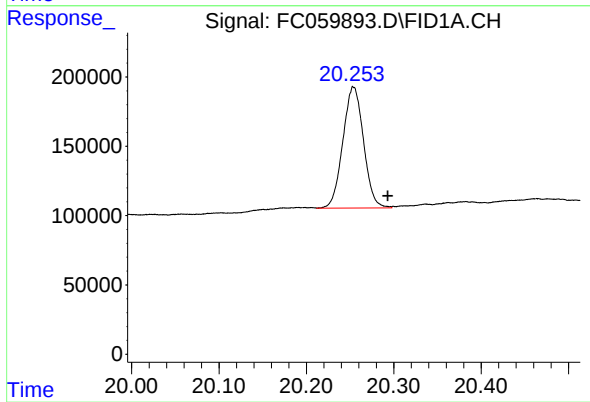
#20 n-Hexatriacontane (C36)

R.T.: 18.922 min  
Delta R.T.: -0.038 min  
Response: 1769088  
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.607 min  
Delta R.T.: -0.034 min  
Response: 1548430  
Conc: 16.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.253 min  
Delta R.T.: -0.040 min  
Response: 1437205  
Conc: 15.18 ug/ml m