

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062719AL\  
 Data File : FC042091.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Jun 2019 11:30  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 28 11:56:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 07:03:58 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)    | 11.696 | 2705661    | 20.337 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.67%       |
| 12) S 1-chlorooctadecane (S... | 13.120 | 2167460    | 19.725 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.45%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.491  | 2655830    | 22.853 ug/ml |
| 2) T n-Decane (C10)            | 4.556  | 2725657    | 23.162 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.142  | 2978306    | 22.409 ug/ml |
| 4) T n-Dodecane (C12)          | 6.562  | 2731353    | 22.999 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.193  | 2941618    | 22.094 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.346  | 2720618    | 22.513 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.938  | 2688677    | 21.939 ug/ml |
| 8) T n-Octadecane (C18)        | 11.372 | 2632233    | 21.243 ug/ml |
| 10) T n-Eicosane (C20)         | 12.676 | 2560169    | 20.234 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.285 | 2497786    | 19.784 ug/ml |
| 13) T n-Docosane (C22)         | 13.868 | 2437232    | 19.289 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.967 | 2361200    | 18.557 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.984 | 2296011    | 18.493 ug/ml |
| 16) T n-Octacosane (C28)       | 16.931 | 2283914    | 18.744 ug/ml |
| 17) T n-Tricontane (C30)       | 17.814 | 2260553    | 19.393 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.644 | 2131185    | 19.738 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.425 | 1813991    | 21.081 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.162 | 1625354    | 20.969 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.908 | 1505582    | 22.768 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.846 | 1537467    | 22.757 ug/ml |
| -----                          |        |            |              |

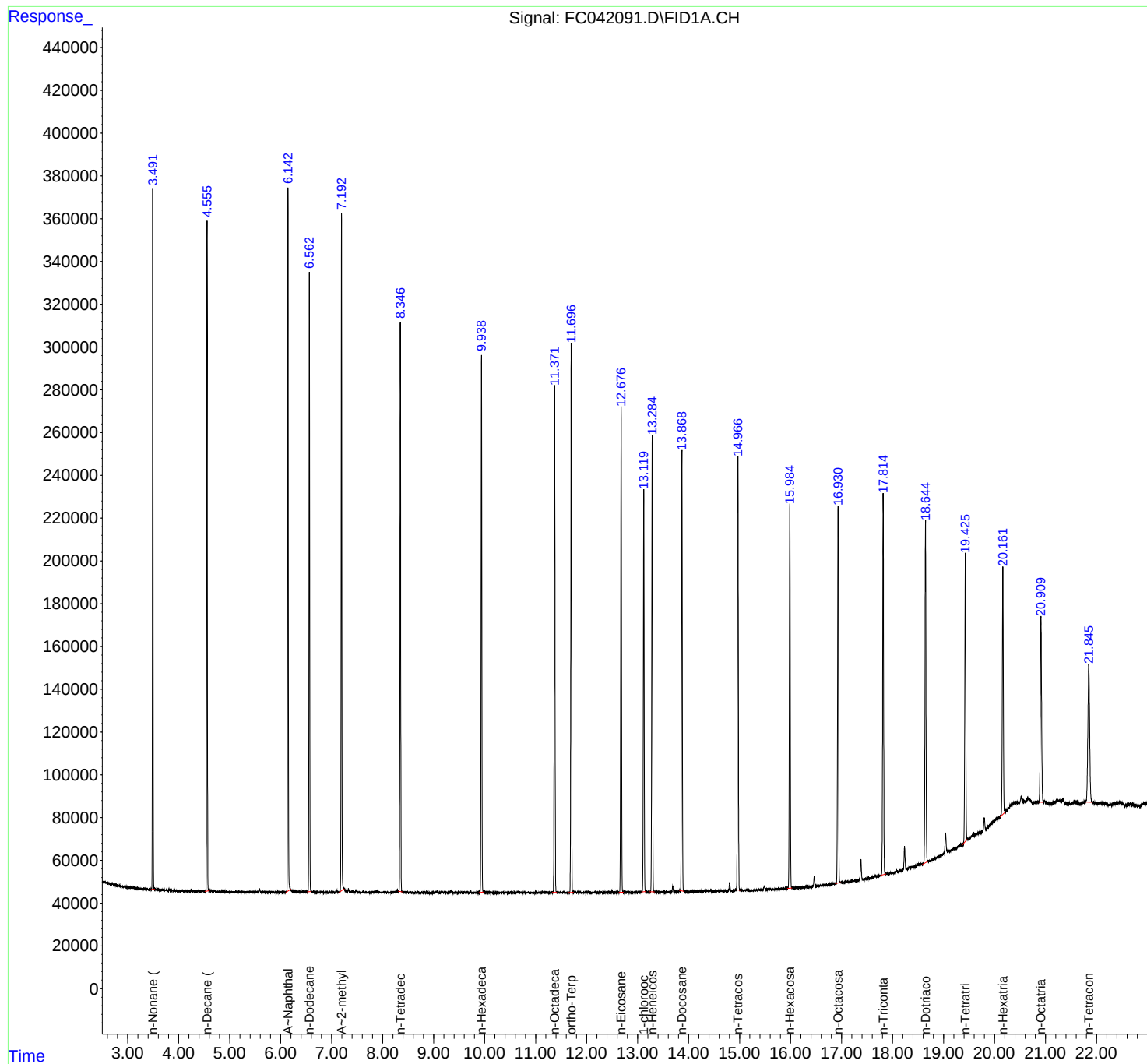
(f)=RT Delta > 1/2 Window

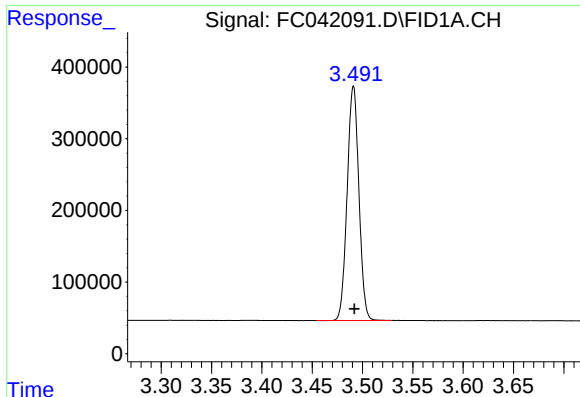
(m)=manual int.

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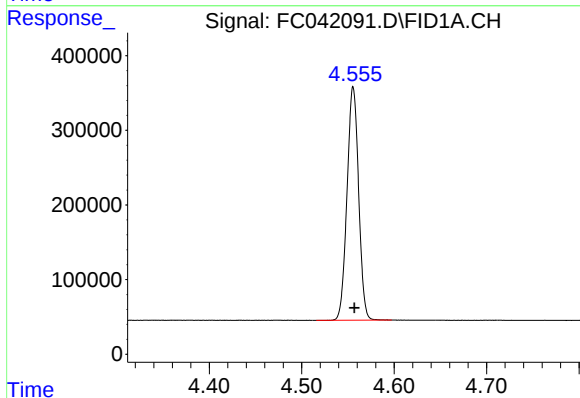
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





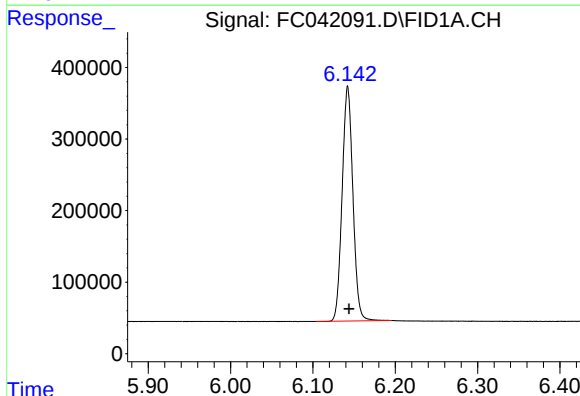
#1 n-Nonane (C9)

R.T.: 3.491 min  
Delta R.T.: 0.000 min  
Response: 2655830  
Conc: 22.85 ug/ml



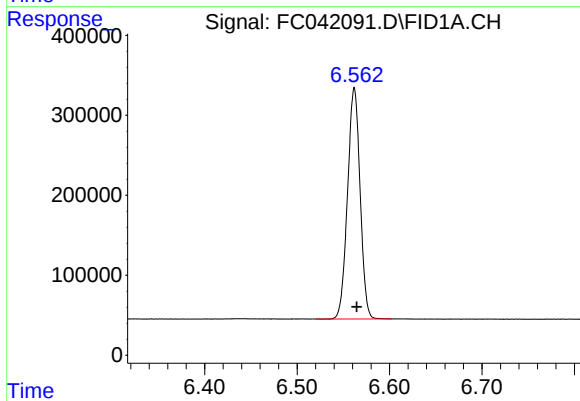
#2 n-Decane (C10)

R.T.: 4.556 min  
Delta R.T.: -0.001 min  
Response: 2725657  
Conc: 23.16 ug/ml



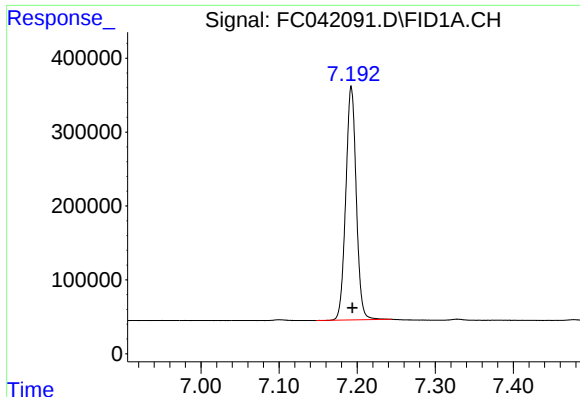
#3 A~Naphthalene (C11.7)

R.T.: 6.142 min  
Delta R.T.: -0.002 min  
Response: 2978306  
Conc: 22.41 ug/ml



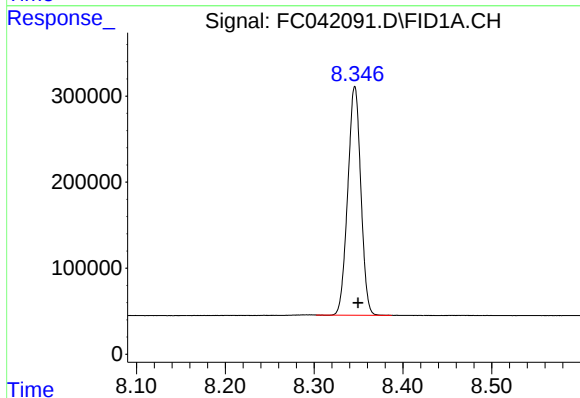
#4 n-Dodecane (C12)

R.T.: 6.562 min  
Delta R.T.: -0.003 min  
Response: 2731353  
Conc: 23.00 ug/ml



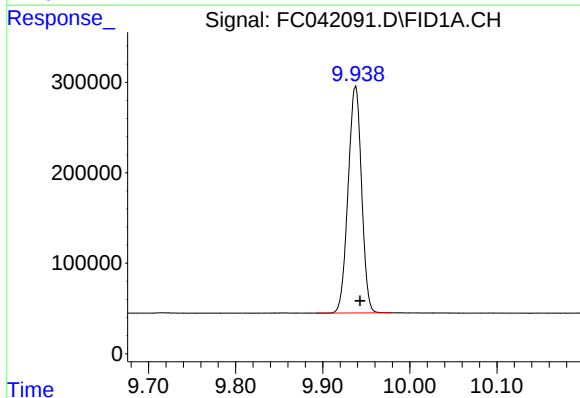
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min  
Delta R.T.: -0.001 min  
Response: 2941618  
Conc: 22.09 ug/ml



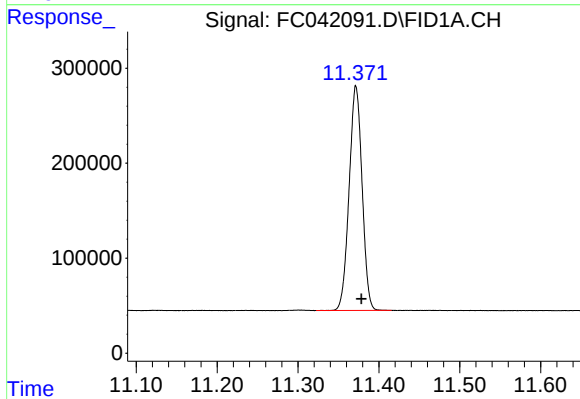
#6 n-Tetradecane (C14)

R.T.: 8.346 min  
Delta R.T.: -0.004 min  
Response: 2720618  
Conc: 22.51 ug/ml



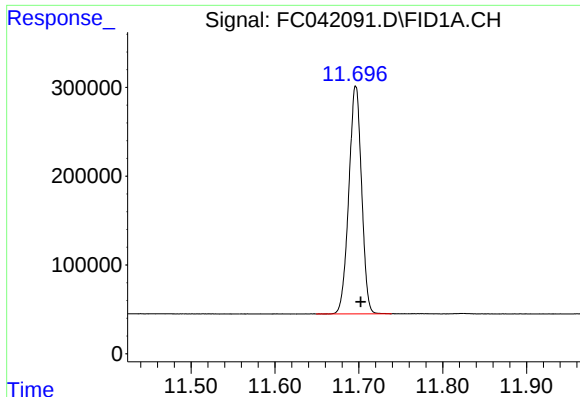
#7 n-Hexadecane (C16)

R.T.: 9.938 min  
Delta R.T.: -0.005 min  
Response: 2688677  
Conc: 21.94 ug/ml



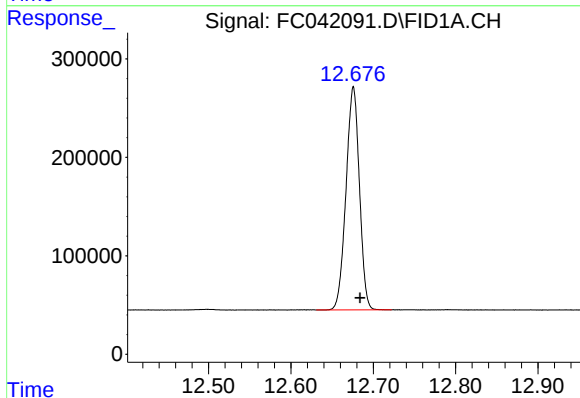
#8 n-Octadecane (C18)

R.T.: 11.372 min  
Delta R.T.: -0.007 min  
Response: 2632233  
Conc: 21.24 ug/ml



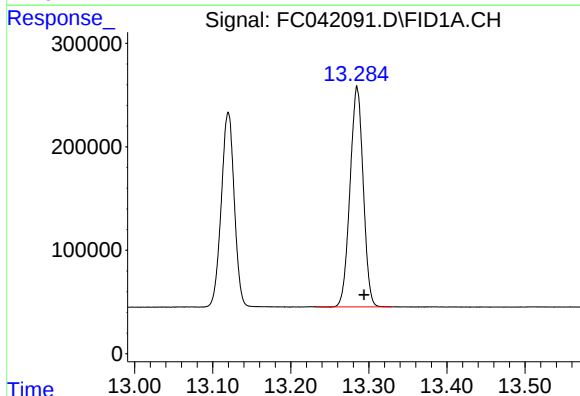
#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min  
Delta R.T.: -0.006 min  
Response: 2705661  
Conc: 20.34 ug/ml



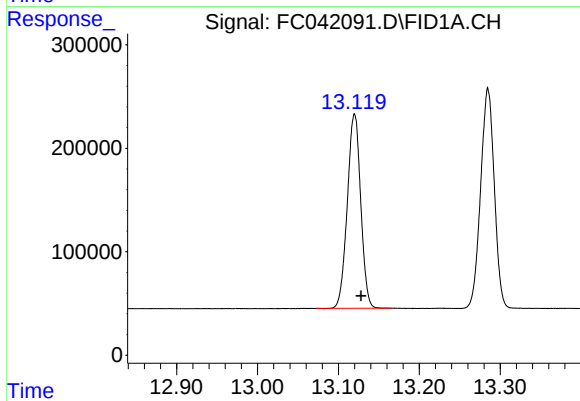
#10 n-Eicosane (C20)

R.T.: 12.676 min  
Delta R.T.: -0.008 min  
Response: 2560169  
Conc: 20.23 ug/ml



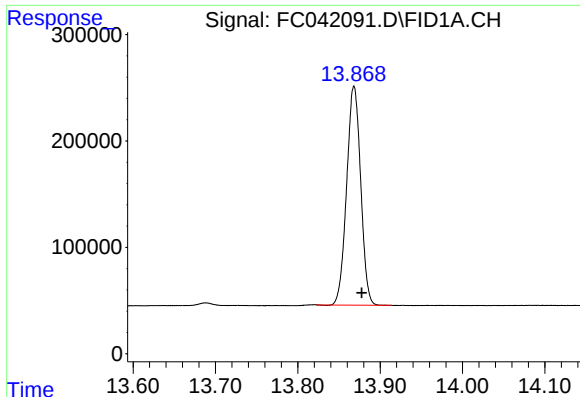
#11 n-Heneicosane (C21)

R.T.: 13.285 min  
Delta R.T.: -0.009 min  
Response: 2497786  
Conc: 19.78 ug/ml



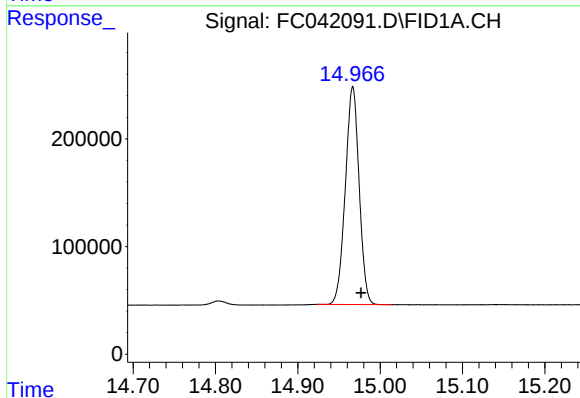
#12 1-chlorooctadecane (SURR)

R.T.: 13.120 min  
Delta R.T.: -0.008 min  
Response: 2167460  
Conc: 19.73 ug/ml



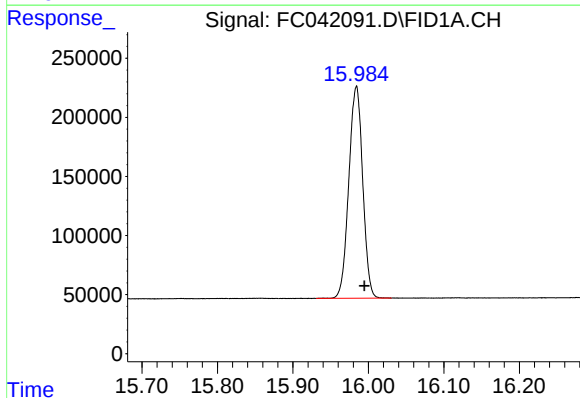
#13 n-Docosane (C22)

R.T.: 13.868 min  
Delta R.T.: -0.010 min  
Response: 2437232  
Conc: 19.29 ug/ml



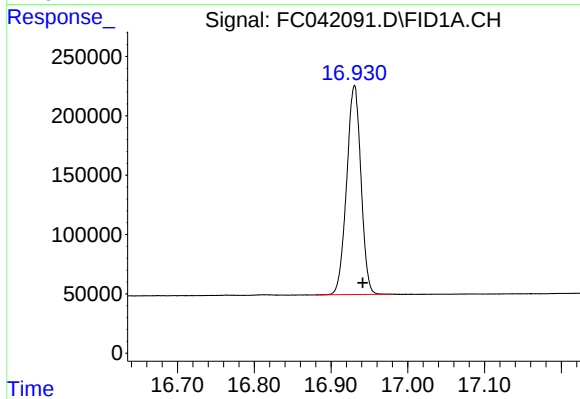
#14 n-Tetracosane (C24)

R.T.: 14.967 min  
Delta R.T.: -0.010 min  
Response: 2361200  
Conc: 18.56 ug/ml



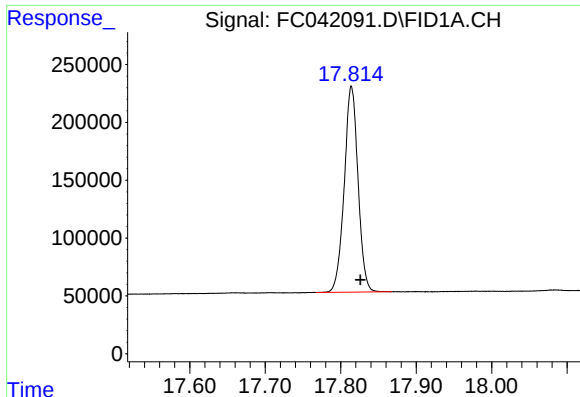
#15 n-Hexacosane (C26)

R.T.: 15.984 min  
Delta R.T.: -0.010 min  
Response: 2296011  
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.931 min  
Delta R.T.: -0.011 min  
Response: 2283914  
Conc: 18.74 ug/ml



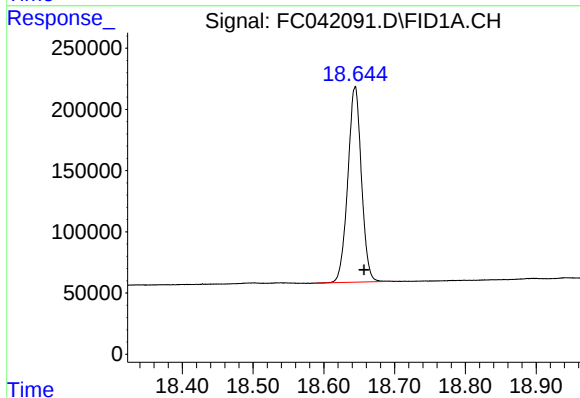
#17 n-Tricontane (C30)

R.T.: 17.814 min

Delta R.T.: -0.012 min

Response: 2260553

Conc: 19.39 ug/ml



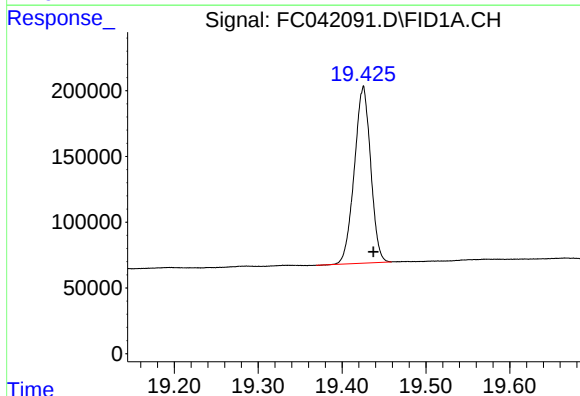
#18 n-Dotriacontane (C32)

R.T.: 18.644 min

Delta R.T.: -0.013 min

Response: 2131185

Conc: 19.74 ug/ml



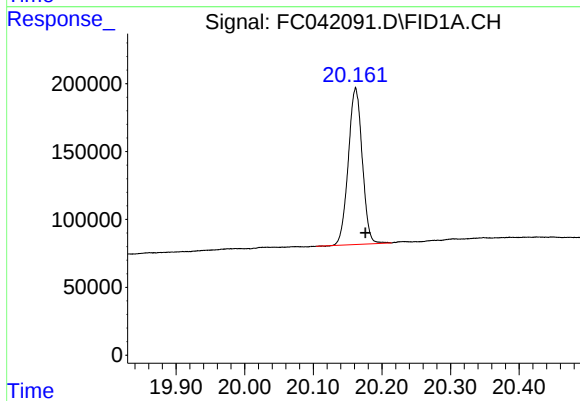
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min

Delta R.T.: -0.012 min

Response: 1813991

Conc: 21.08 ug/ml



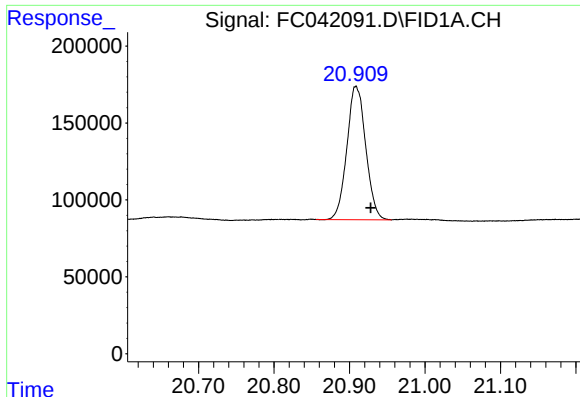
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min

Delta R.T.: -0.014 min

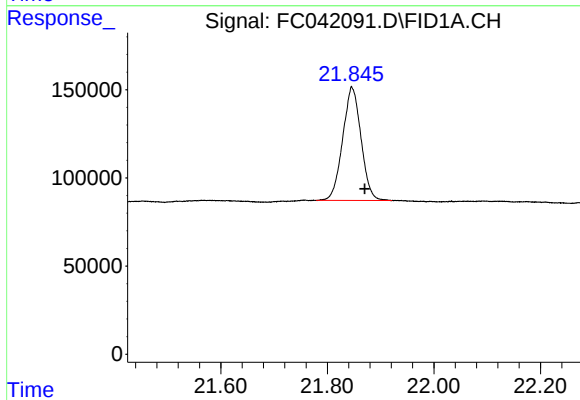
Response: 1625354

Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min  
Delta R.T.: -0.020 min  
Response: 1505582  
Conc: 22.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.846 min  
Delta R.T.: -0.024 min  
Response: 1537467  
Conc: 22.76 ug/ml