

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC072419AL\  
 Data File : FC042530.D  
 Signal(s) : FID1A.CH  
 Acq On : 24 Jul 2019 9:29  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 25 01:28:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070919.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 10 08:56:11 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)    | 11.692 | 2942580    | 22.232 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.46%       |
| 12) S 1-chlorooctadecane (S... | 13.115 | 2410475    | 21.988 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.490  | 2639661    | 22.672 ug/ml |
| 2) T n-Decane (C10)            | 4.554  | 2810414    | 23.821 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.143  | 3100354    | 23.883 ug/ml |
| 4) T n-Dodecane (C12)          | 6.560  | 2856388    | 24.072 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.193  | 3132150    | 24.105 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.342  | 2856043    | 24.005 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.934  | 2850305    | 23.739 ug/ml |
| 8) T n-Octadecane (C18)        | 11.368 | 2843033    | 23.296 ug/ml |
| 10) T n-Eicosane (C20)         | 12.670 | 2816370    | 22.583 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.279 | 2772248    | 22.147 ug/ml |
| 13) T n-Docosane (C22)         | 13.863 | 2727911    | 21.749 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.960 | 2641042    | 20.849 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.977 | 2547288    | 20.145 ug/ml |
| 16) T n-Octacosane (C28)       | 16.923 | 2483624    | 19.682 ug/ml |
| 17) T n-Tricontane (C30)       | 17.807 | 2398560    | 19.565 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.638 | 2216665    | 19.839 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.419 | 1888246    | 20.389 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.156 | 1693472    | 21.249 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.903 | 1601294    | 22.335 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.835 | 1599795    | 23.054 ug/ml |
| -----                          |        |            |              |

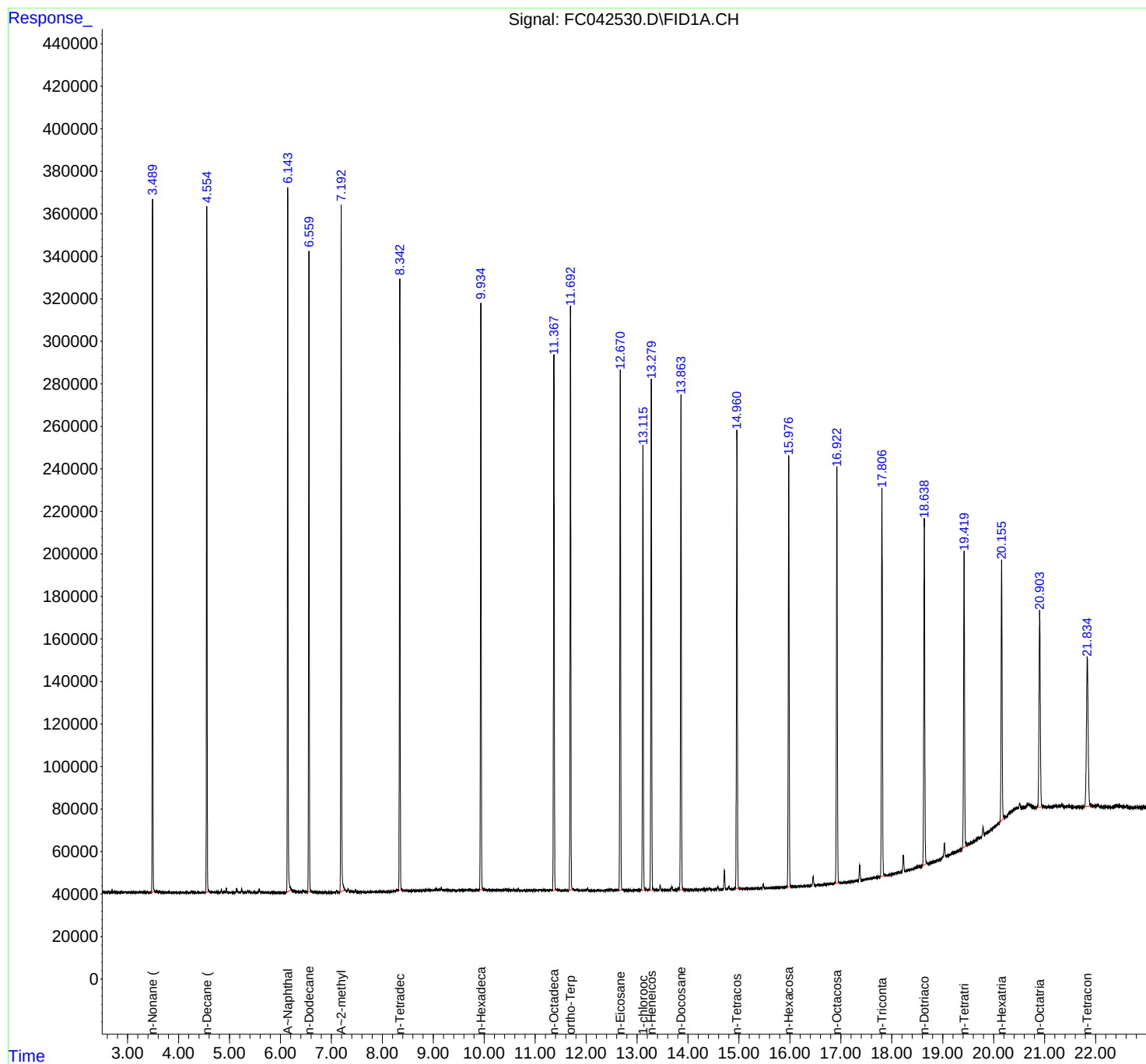
(f)=RT Delta > 1/2 Window

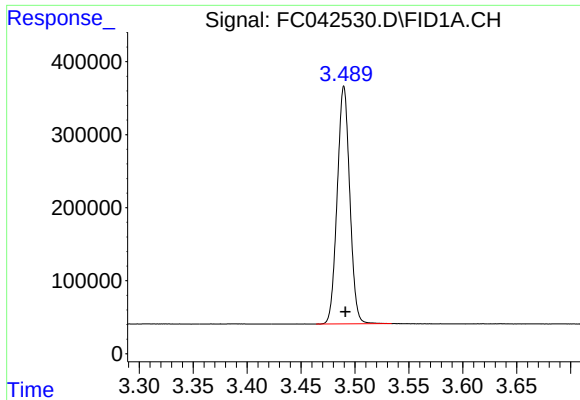
(m)=manual int.

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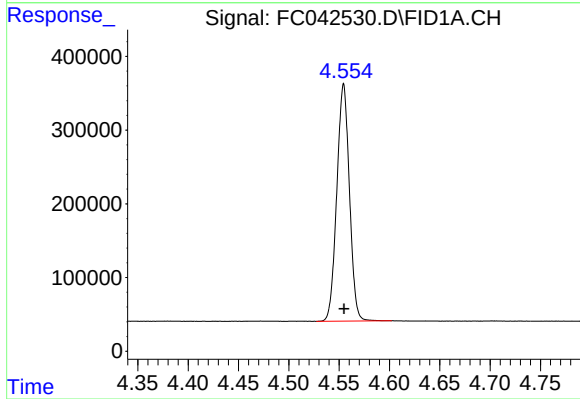
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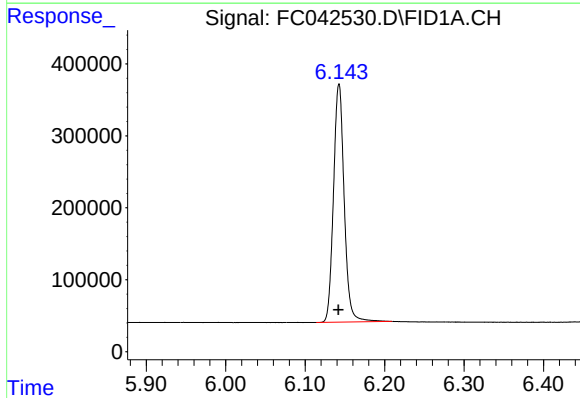
#1 n-Nonane (C9)

R.T.: 3.490 min  
Delta R.T.: -0.001 min  
Response: 2639661  
Conc: 22.67 ug/ml



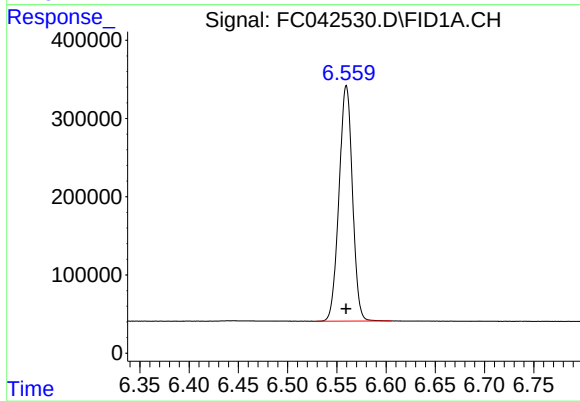
#2 n-Decane (C10)

R.T.: 4.554 min  
Delta R.T.: 0.000 min  
Response: 2810414  
Conc: 23.82 ug/ml



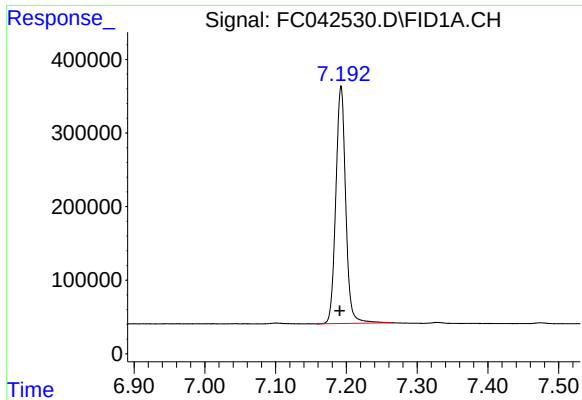
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 3100354  
Conc: 23.88 ug/ml



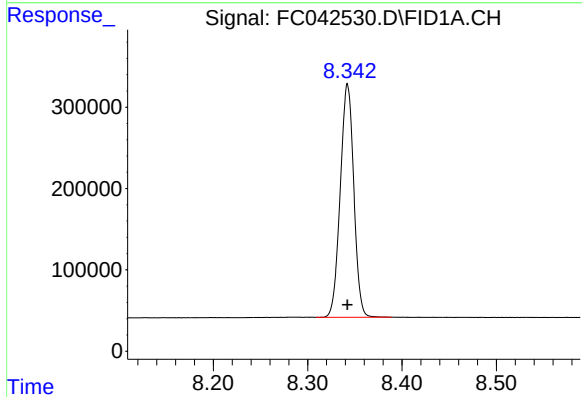
#4 n-Dodecane (C12)

R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 2856388  
Conc: 24.07 ug/ml



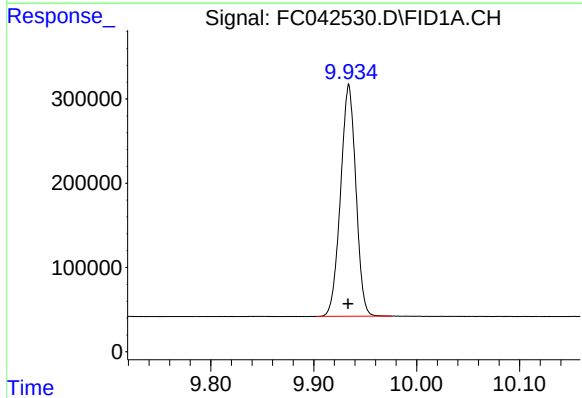
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min  
Delta R.T.: 0.002 min  
Response: 3132150  
Conc: 24.10 ug/ml



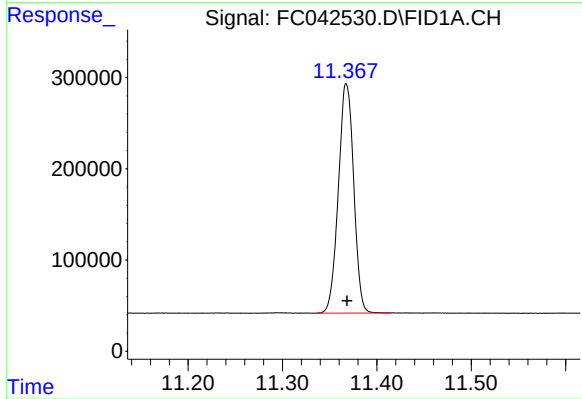
#6 n-Tetradecane (C14)

R.T.: 8.342 min  
Delta R.T.: 0.000 min  
Response: 2856043  
Conc: 24.00 ug/ml



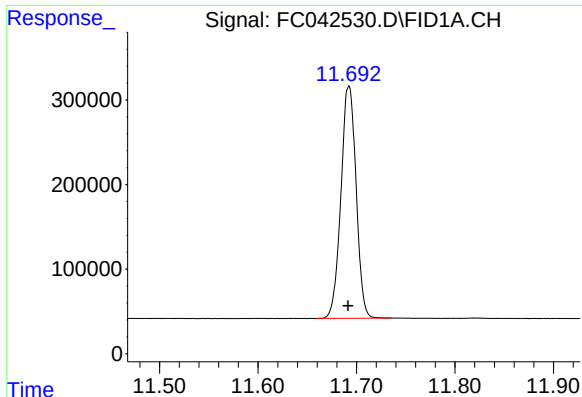
#7 n-Hexadecane (C16)

R.T.: 9.934 min  
Delta R.T.: 0.000 min  
Response: 2850305  
Conc: 23.74 ug/ml



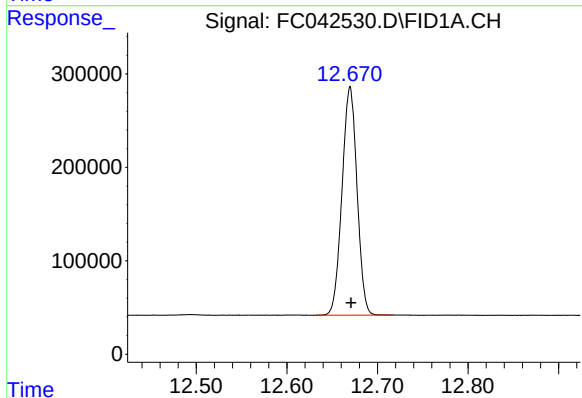
#8 n-Octadecane (C18)

R.T.: 11.368 min  
Delta R.T.: 0.000 min  
Response: 2843033  
Conc: 23.30 ug/ml



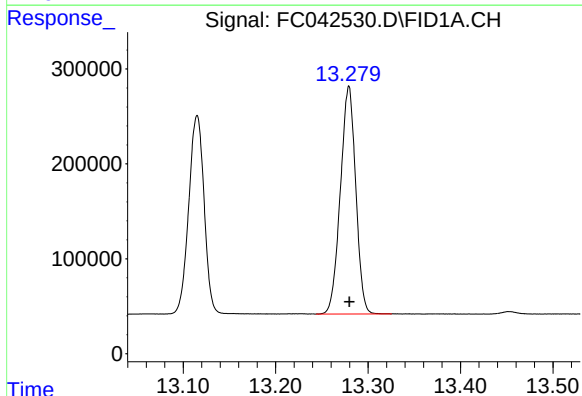
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min  
Delta R.T.: 0.000 min  
Response: 2942580  
Conc: 22.23 ug/ml



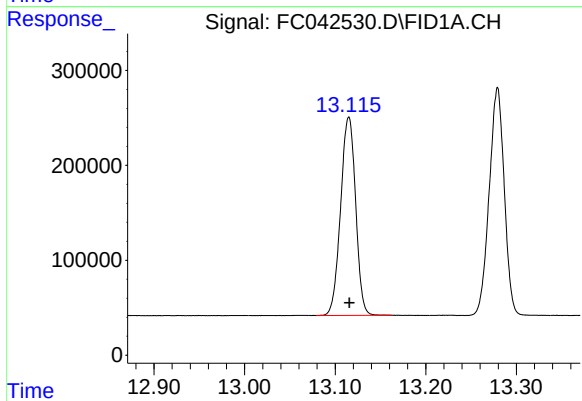
#10 n-Eicosane (C20)

R.T.: 12.670 min  
Delta R.T.: 0.000 min  
Response: 2816370  
Conc: 22.58 ug/ml



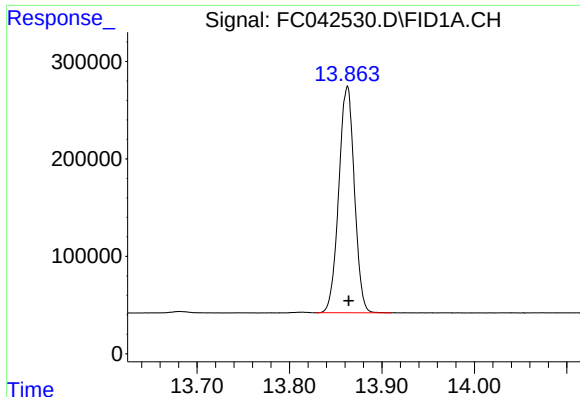
#11 n-Heneicosane (C21)

R.T.: 13.279 min  
Delta R.T.: 0.000 min  
Response: 2772248  
Conc: 22.15 ug/ml



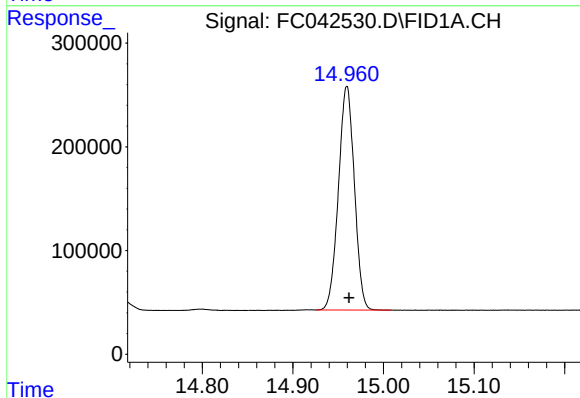
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min  
Delta R.T.: 0.000 min  
Response: 2410475  
Conc: 21.99 ug/ml



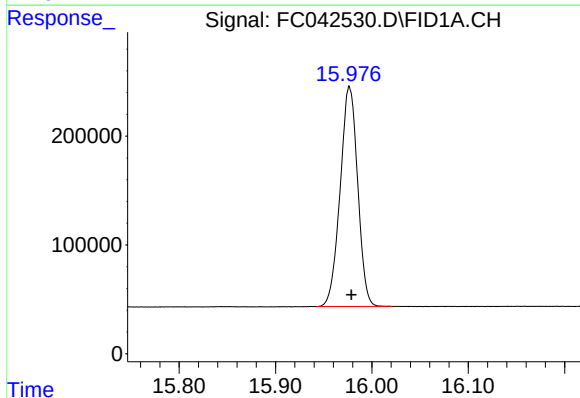
#13 n-Docosane (C22)

R.T.: 13.863 min  
Delta R.T.: -0.002 min  
Response: 2727911  
Conc: 21.75 ug/ml



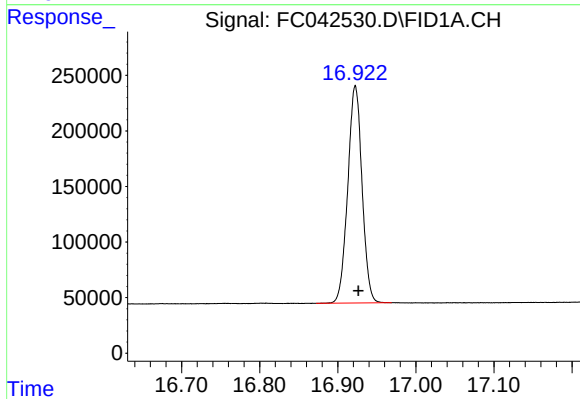
#14 n-Tetracosane (C24)

R.T.: 14.960 min  
Delta R.T.: -0.002 min  
Response: 2641042  
Conc: 20.85 ug/ml



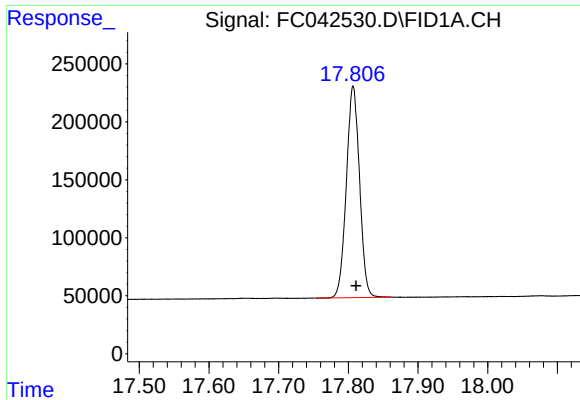
#15 n-Hexacosane (C26)

R.T.: 15.977 min  
Delta R.T.: -0.002 min  
Response: 2547288  
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.923 min  
Delta R.T.: -0.004 min  
Response: 2483624  
Conc: 19.68 ug/ml



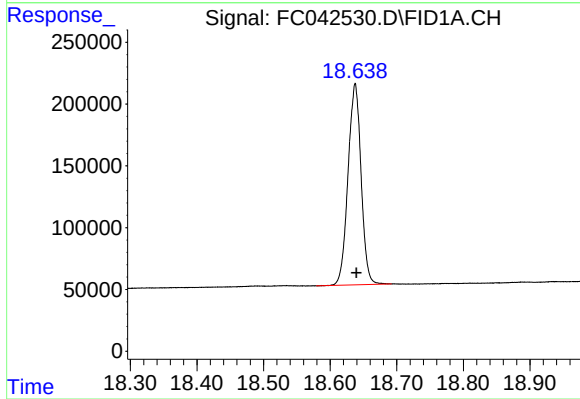
#17 n-Tricontane (C30)

R.T.: 17.807 min

Delta R.T.: -0.004 min

Response: 2398560

Conc: 19.57 ug/ml



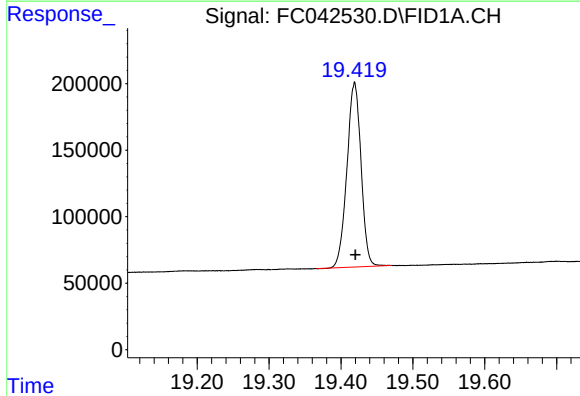
#18 n-Dotriacontane (C32)

R.T.: 18.638 min

Delta R.T.: -0.002 min

Response: 2216665

Conc: 19.84 ug/ml



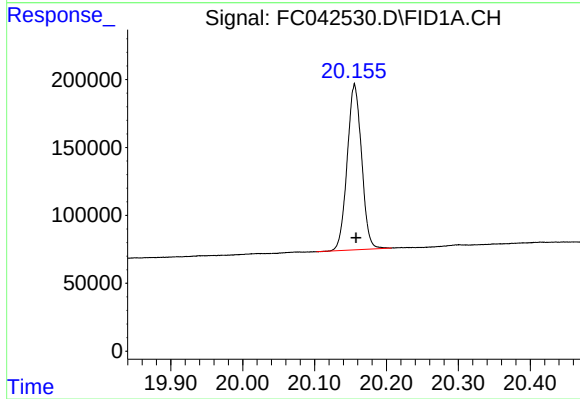
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min

Delta R.T.: -0.001 min

Response: 1888246

Conc: 20.39 ug/ml



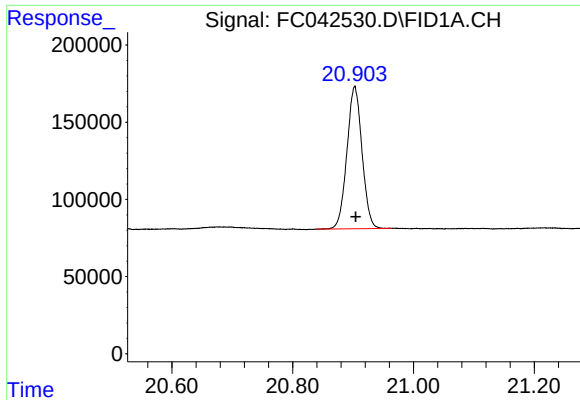
#20 n-Hexatriacontane (C36)

R.T.: 20.156 min

Delta R.T.: -0.002 min

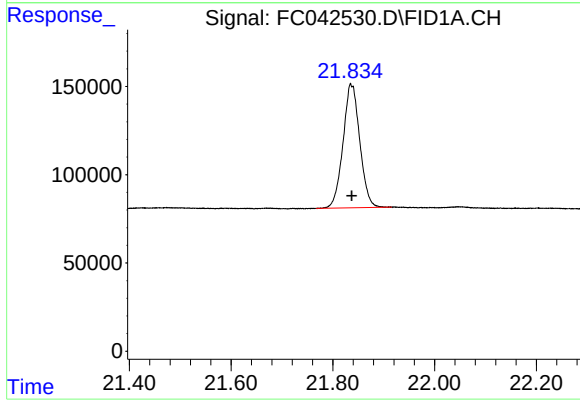
Response: 1693472

Conc: 21.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.903 min  
Delta R.T.: -0.002 min  
Response: 1601294  
Conc: 22.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.835 min  
Delta R.T.: -0.002 min  
Response: 1599795  
Conc: 23.05 ug/ml