

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101019AL\  
 Data File : FC043897.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Oct 2019 3:08  
 Operator : DD\AJ  
 Sample : 20 PPM ALPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 11 07:55:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 10:57:53 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)    | 11.569 | 3000864    | 19.771 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.54%       |
| 12) S 1-chlorooctadecane (S... | 12.990 | 2280119    | 19.232 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.46%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.422  | 2777949    | 22.976 ug/ml |
| 2) T n-Decane (C10)            | 4.475  | 2809273    | 23.209 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.054  | 2731437    | 23.200 ug/ml |
| 4) T n-Dodecane (C12)          | 6.466  | 2938795    | 23.235 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.099  | 2720955    | 22.580 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.239  | 2943185    | 22.865 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.822  | 2922898    | 22.198 ug/ml |
| 8) T n-Octadecane (C18)        | 11.250 | 2874803    | 21.077 ug/ml |
| 10) T n-Eicosane (C20)         | 12.547 | 2789533    | 19.986 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.155 | 2761675    | 19.433 ug/ml |
| 13) T n-Docosane (C22)         | 13.736 | 2683681    | 18.887 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.830 | 2588024    | 18.027 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.843 | 2491328    | 17.422 ug/ml |
| 16) T n-Octacosane (C28)       | 16.787 | 2434409    | 17.173 ug/ml |
| 17) T n-Tricontane (C30)       | 17.669 | 2435923    | 17.369 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.496 | 2379274    | 17.911 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.276 | 2346170    | 18.778 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.012 | 339228     | 2.935 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.733 | 2195538    | 20.628 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.610 | 2275987    | 21.768 ug/ml |
| -----                          |        |            |              |

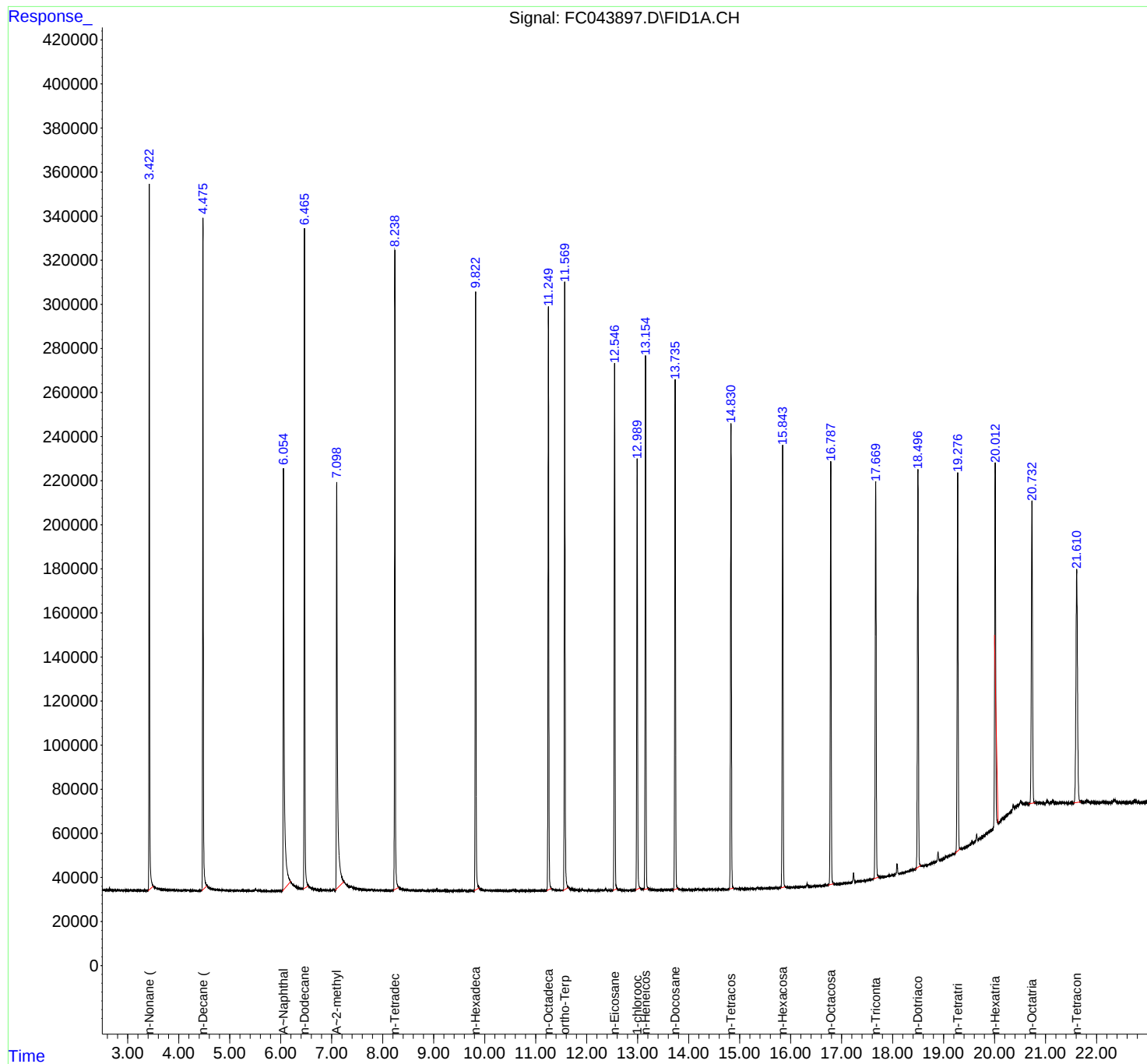
(f)=RT Delta > 1/2 Window

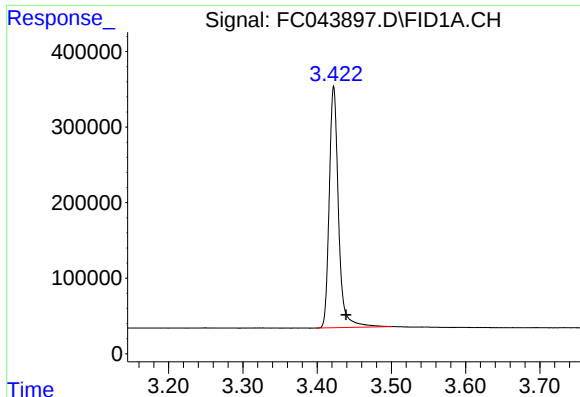
(m)=manual int.

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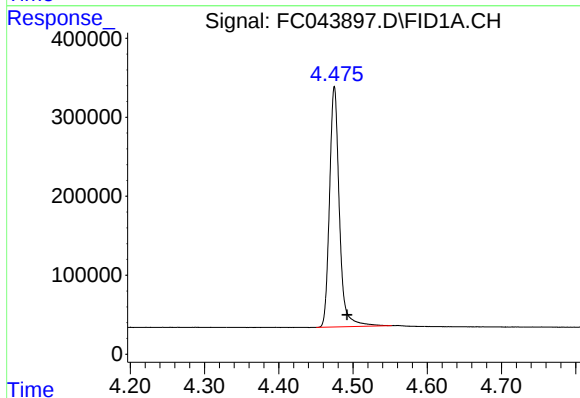
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





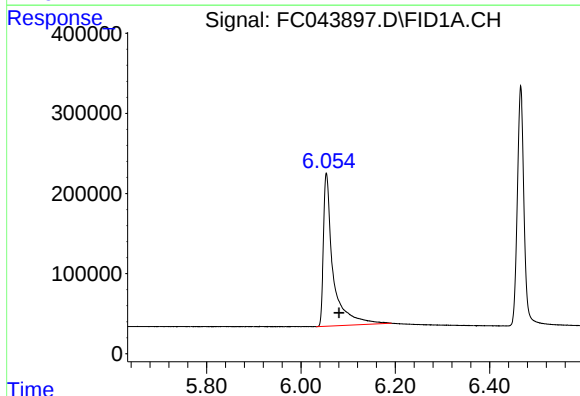
#1 n-Nonane (C9)

R.T.: 3.422 min  
Delta R.T.: -0.017 min  
Response: 2777949  
Conc: 22.98 ug/ml



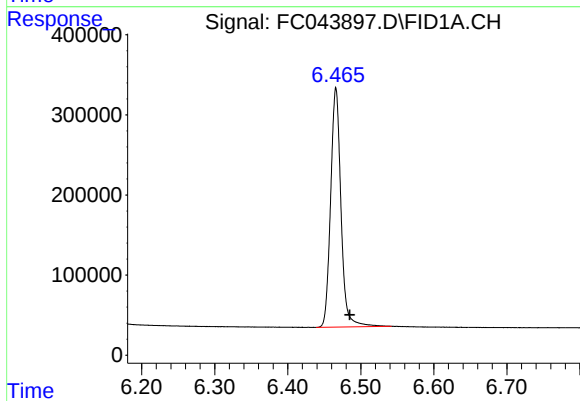
#2 n-Decane (C10)

R.T.: 4.475 min  
Delta R.T.: -0.017 min  
Response: 2809273  
Conc: 23.21 ug/ml



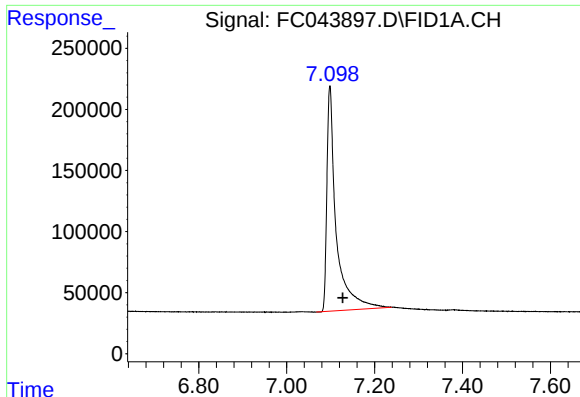
#3 A~Naphthalene (C11.7)

R.T.: 6.054 min  
Delta R.T.: -0.026 min  
Response: 2731437  
Conc: 23.20 ug/ml



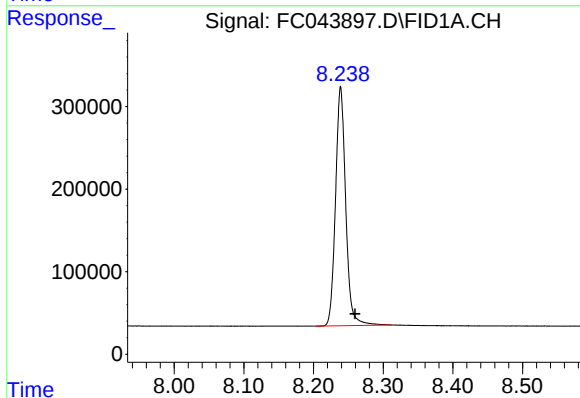
#4 n-Dodecane (C12)

R.T.: 6.466 min  
Delta R.T.: -0.019 min  
Response: 2938795  
Conc: 23.24 ug/ml



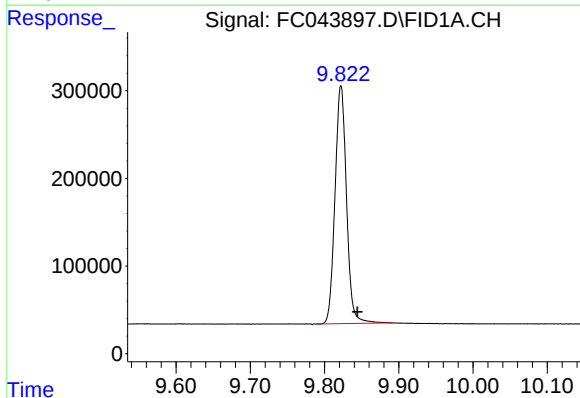
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min  
Delta R.T.: -0.029 min  
Response: 2720955  
Conc: 22.58 ug/ml



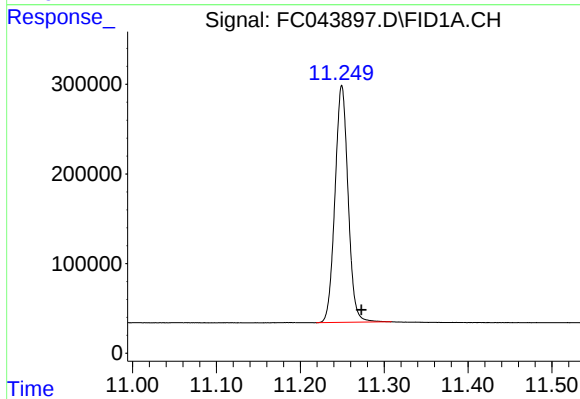
#6 n-Tetradecane (C14)

R.T.: 8.239 min  
Delta R.T.: -0.021 min  
Response: 2943185  
Conc: 22.86 ug/ml



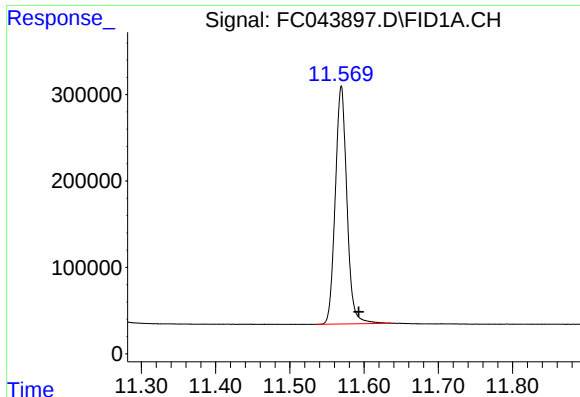
#7 n-Hexadecane (C16)

R.T.: 9.822 min  
Delta R.T.: -0.022 min  
Response: 2922898  
Conc: 22.20 ug/ml



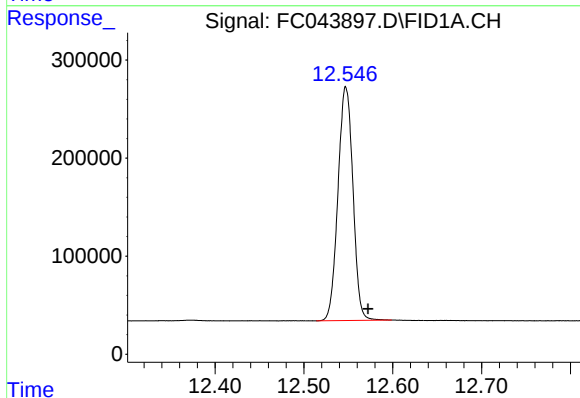
#8 n-Octadecane (C18)

R.T.: 11.250 min  
Delta R.T.: -0.024 min  
Response: 2874803  
Conc: 21.08 ug/ml



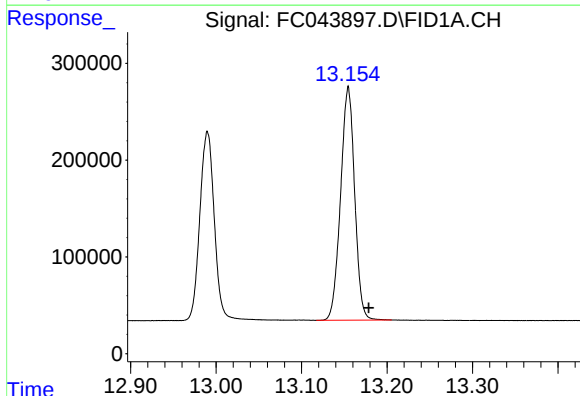
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min  
Delta R.T.: -0.024 min  
Response: 3000864  
Conc: 19.77 ug/ml



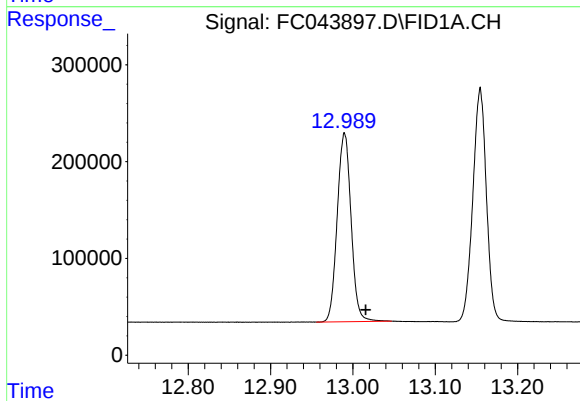
#10 n-Eicosane (C20)

R.T.: 12.547 min  
Delta R.T.: -0.025 min  
Response: 2789533  
Conc: 19.99 ug/ml



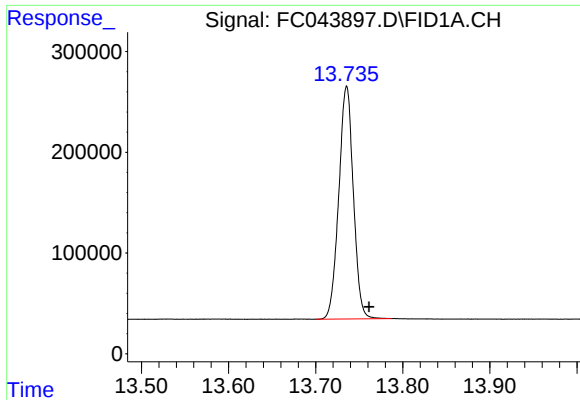
#11 n-Heneicosane (C21)

R.T.: 13.155 min  
Delta R.T.: -0.024 min  
Response: 2761675  
Conc: 19.43 ug/ml



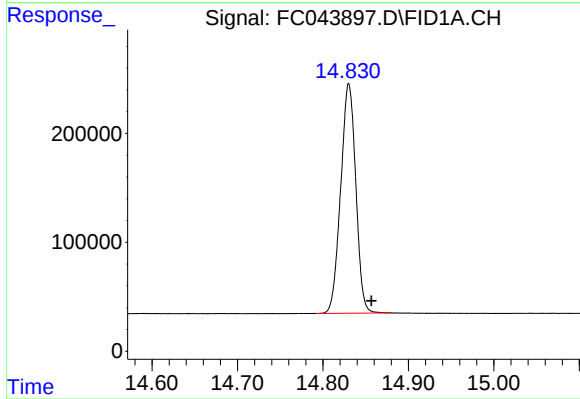
#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min  
Delta R.T.: -0.026 min  
Response: 2280119  
Conc: 19.23 ug/ml



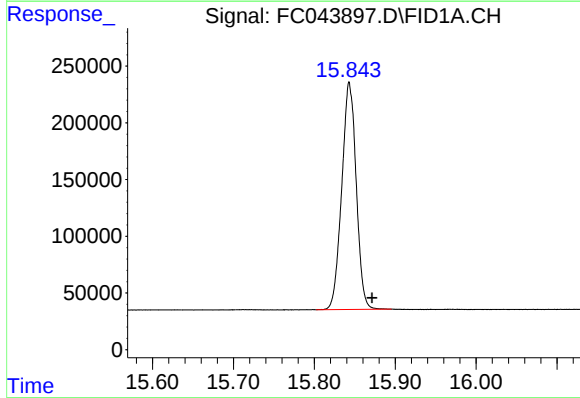
#13 n-Docosane (C22)

R.T.: 13.736 min  
Delta R.T.: -0.025 min  
Response: 2683681  
Conc: 18.89 ug/ml



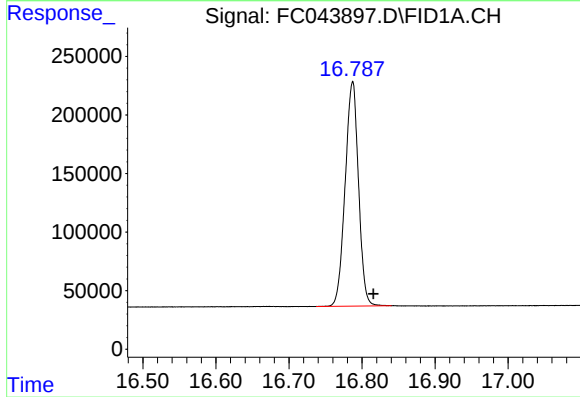
#14 n-Tetracosane (C24)

R.T.: 14.830 min  
Delta R.T.: -0.026 min  
Response: 2588024  
Conc: 18.03 ug/ml



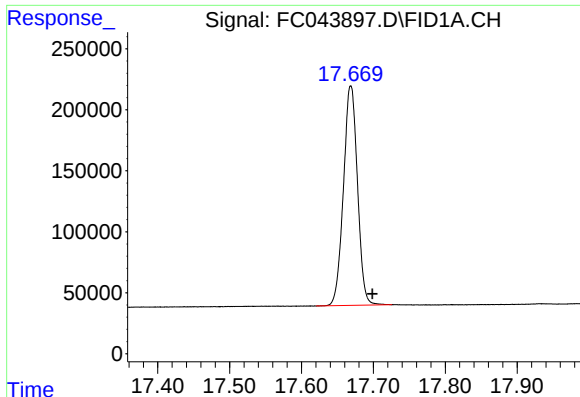
#15 n-Hexacosane (C26)

R.T.: 15.843 min  
Delta R.T.: -0.028 min  
Response: 2491328  
Conc: 17.42 ug/ml



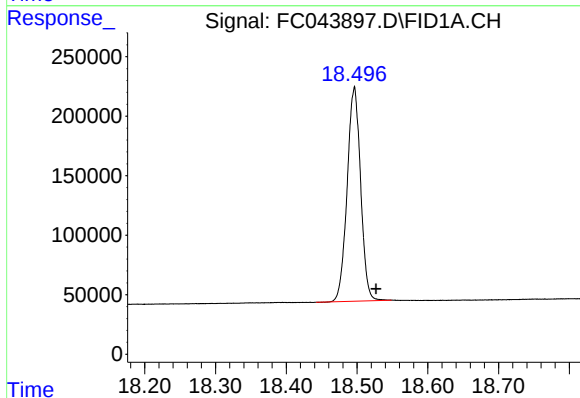
#16 n-Octacosane (C28)

R.T.: 16.787 min  
Delta R.T.: -0.028 min  
Response: 2434409  
Conc: 17.17 ug/ml



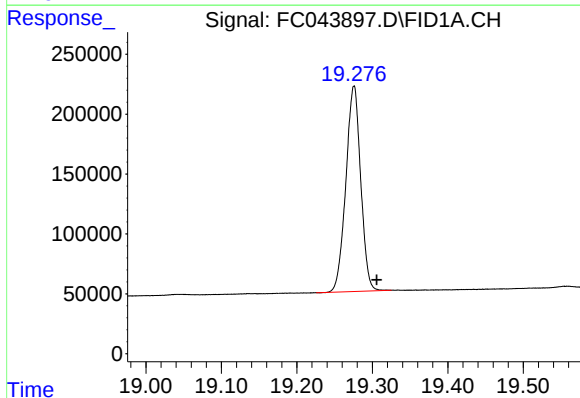
#17 n-Tricontane (C30)

R.T.: 17.669 min  
Delta R.T.: -0.030 min  
Response: 2435923  
Conc: 17.37 ug/ml



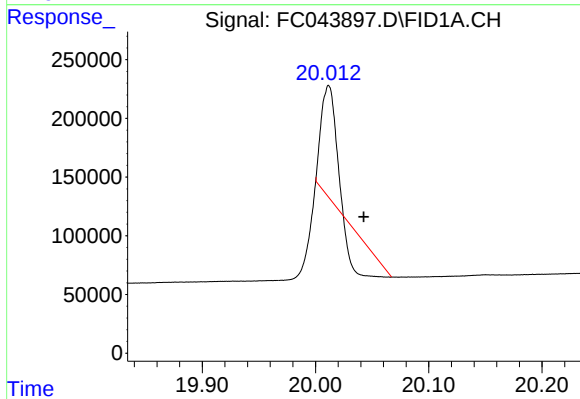
#18 n-Dotriacontane (C32)

R.T.: 18.496 min  
Delta R.T.: -0.031 min  
Response: 2379274  
Conc: 17.91 ug/ml



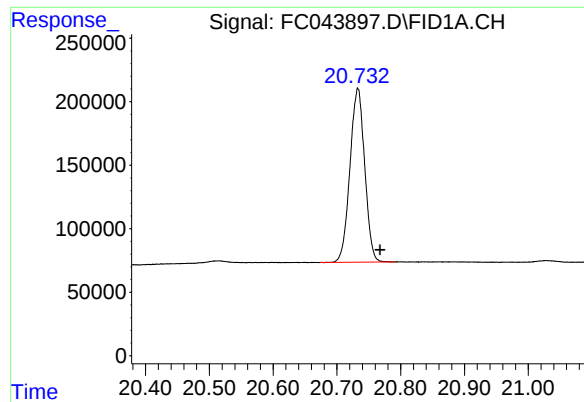
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min  
Delta R.T.: -0.030 min  
Response: 2346170  
Conc: 18.78 ug/ml



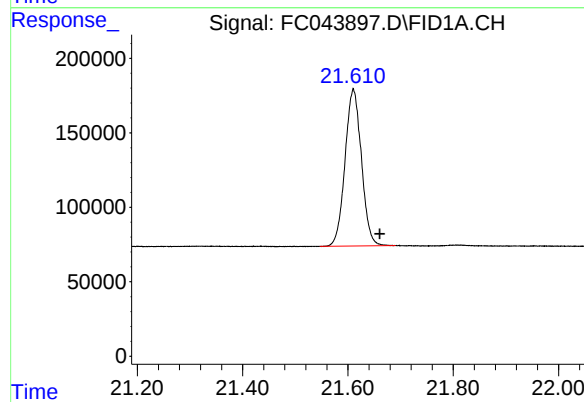
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min  
Delta R.T.: -0.031 min  
Response: 339228  
Conc: 2.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min  
Delta R.T.: -0.034 min  
Response: 2195538  
Conc: 20.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.610 min  
Delta R.T.: -0.050 min  
Response: 2275987  
Conc: 21.77 ug/ml