

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112720AL\  
 Data File : FC050991.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Nov 2020 21:31  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 27 23:24:55 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 112720.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 27 23:22:01 2020  
 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)    | 11.597 | 574476     | 4.534 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.07%       |
| 12) S 1-chlorooctadecane (S... | 13.032 | 446513     | 4.414 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 8.83%       |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.352  | 488649     | 4.465 ug/ml |
| 2) T n-Decane (C10)            | 4.421  | 481564     | 4.404 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.016  | 445402     | 3.833 ug/ml |
| 4) T n-Dodecane (C12)          | 6.440  | 495395     | 4.402 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.074  | 449186     | 3.834 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.235  | 488693     | 4.376 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.836  | 481052     | 4.328 ug/ml |
| 8) T n-Octadecane (C18)        | 11.276 | 524469     | 4.443 ug/ml |
| 10) T n-Eicosane (C20)         | 12.586 | 542182     | 4.511 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.197 | 539630     | 4.488 ug/ml |
| 13) T n-Docosane (C22)         | 13.785 | 541603     | 4.510 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.886 | 539437     | 4.514 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.906 | 529423     | 4.518 ug/ml |
| 16) T n-Octacosane (C28)       | 16.854 | 526278     | 4.584 ug/ml |
| 17) T n-Tricontane (C30)       | 17.740 | 509934     | 4.654 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.570 | 486318     | 4.880 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.353 | 429389     | 4.702 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.093 | 412589     | 4.958 ug/ml |
| -----                          |        |            |             |

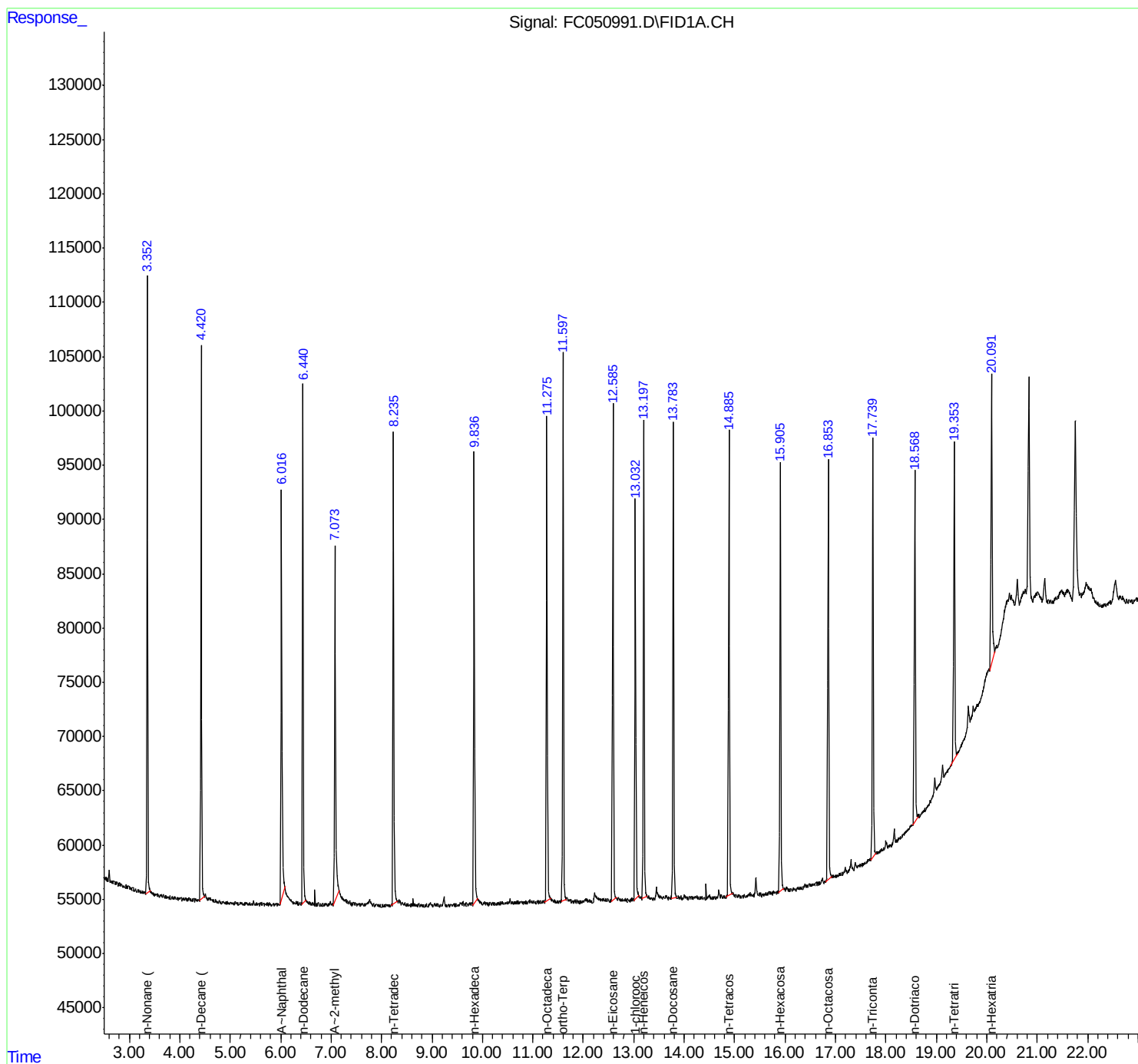
(f)=RT Delta > 1/2 Window

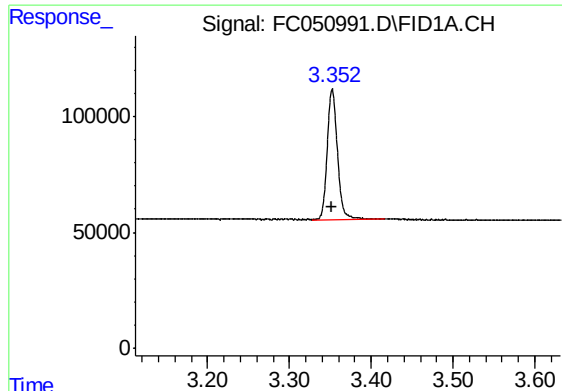
(m)=manual int.

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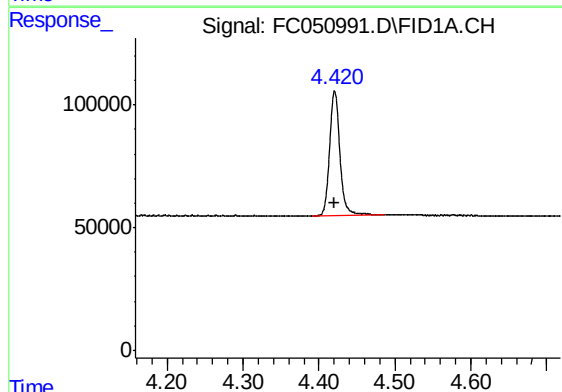
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Signal Info : 20M x 0.18mm x 0.18um





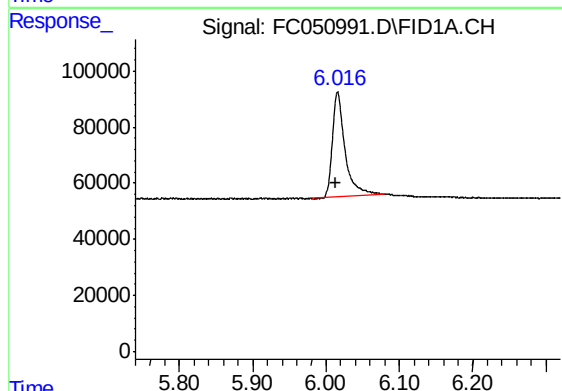
#1 n-Nonane (C9)

R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 488649  
Conc: 4.47 ug/ml



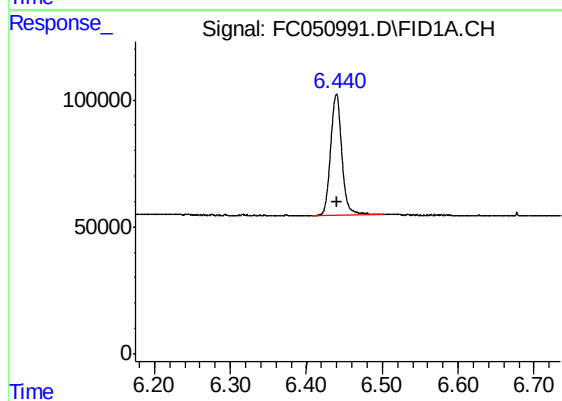
#2 n-Decane (C10)

R.T.: 4.421 min  
Delta R.T.: 0.000 min  
Response: 481564  
Conc: 4.40 ug/ml



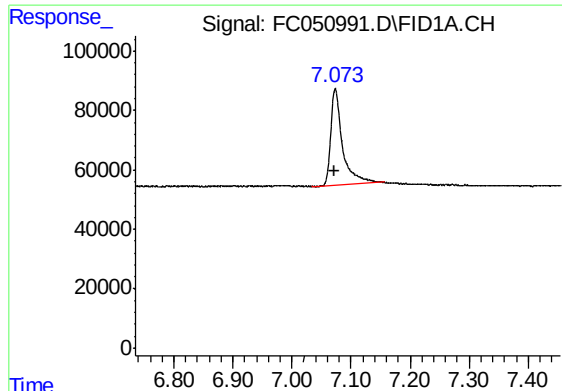
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min  
Delta R.T.: 0.003 min  
Response: 445402  
Conc: 3.83 ug/ml



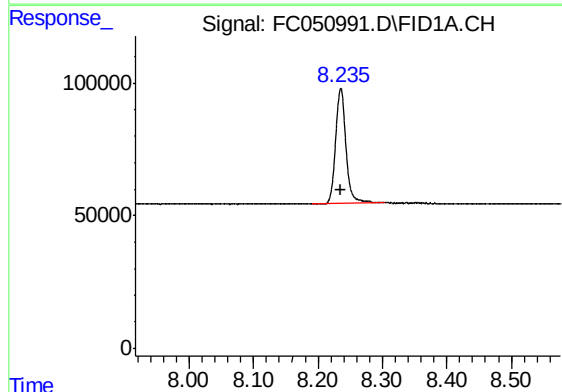
#4 n-Dodecane (C12)

R.T.: 6.440 min  
Delta R.T.: 0.000 min  
Response: 495395  
Conc: 4.40 ug/ml



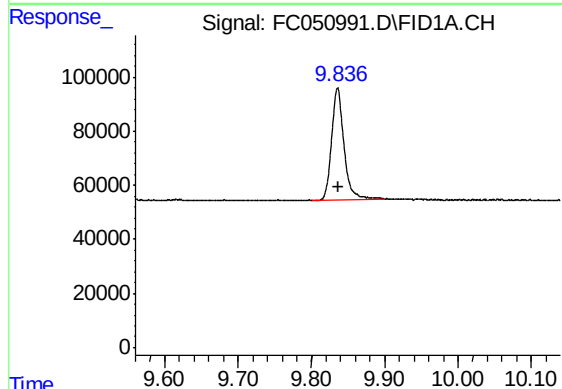
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min  
Delta R.T.: 0.002 min  
Response: 449186  
Conc: 3.83 ug/ml



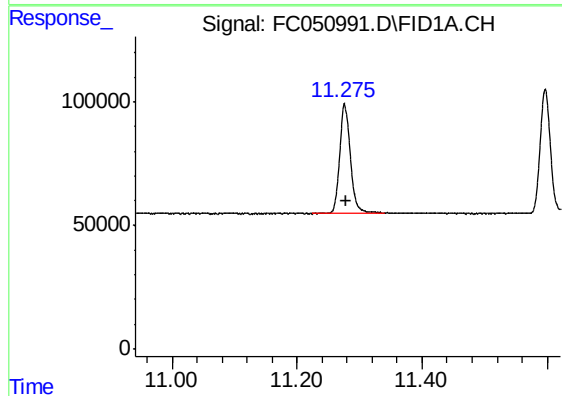
#6 n-Tetradecane (C14)

R.T.: 8.235 min  
Delta R.T.: 0.000 min  
Response: 488693  
Conc: 4.38 ug/ml



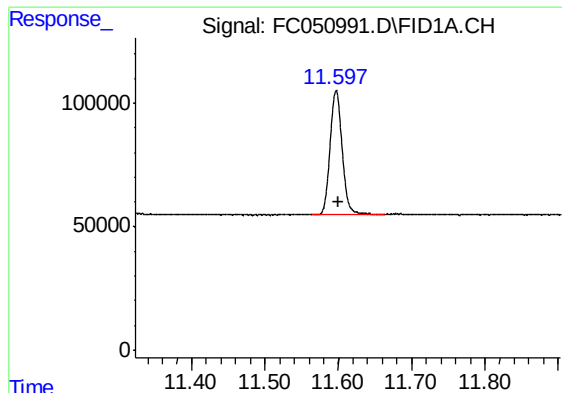
#7 n-Hexadecane (C16)

R.T.: 9.836 min  
Delta R.T.: -0.001 min  
Response: 481052  
Conc: 4.33 ug/ml



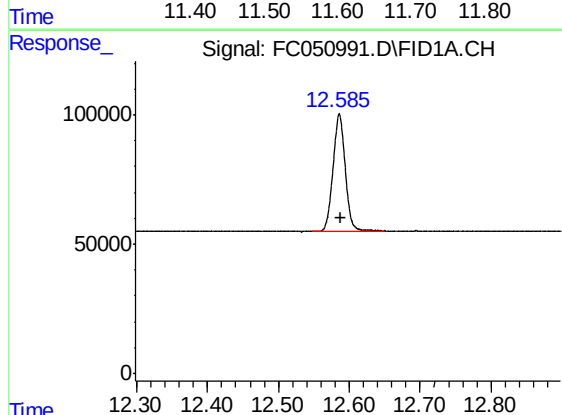
#8 n-Octadecane (C18)

R.T.: 11.276 min  
Delta R.T.: -0.003 min  
Response: 524469  
Conc: 4.44 ug/ml



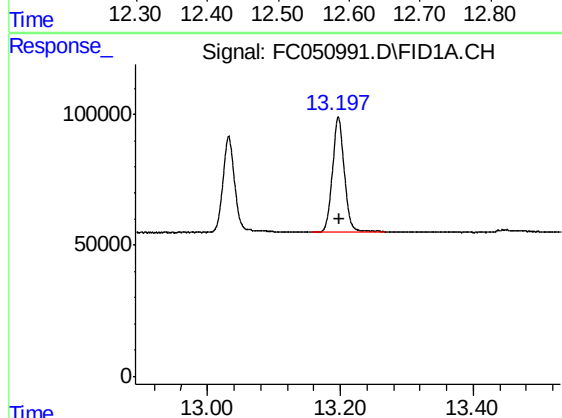
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min  
Delta R.T.: -0.003 min  
Response: 574476  
Conc: 4.53 ug/ml



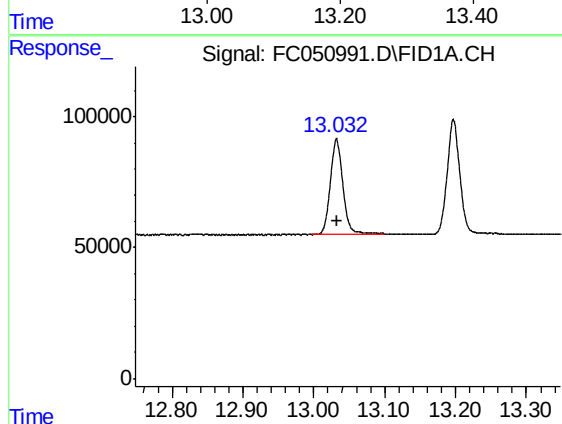
#10 n-Eicosane (C20)

R.T.: 12.586 min  
Delta R.T.: -0.002 min  
Response: 542182  
Conc: 4.51 ug/ml



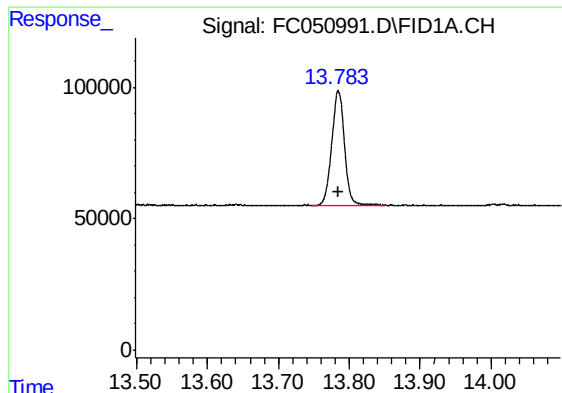
#11 n-Heneicosane (C21)

R.T.: 13.197 min  
Delta R.T.: -0.002 min  
Response: 539630  
Conc: 4.49 ug/ml



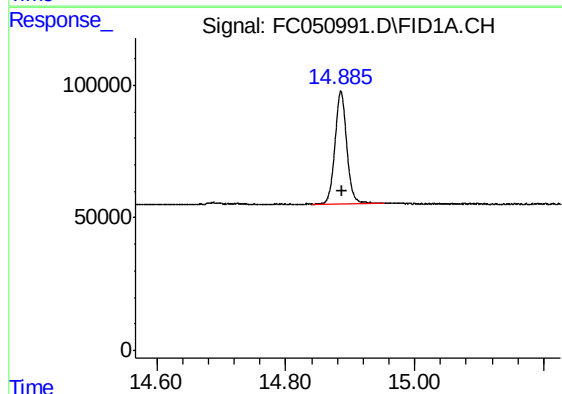
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min  
Delta R.T.: -0.001 min  
Response: 446513  
Conc: 4.41 ug/ml



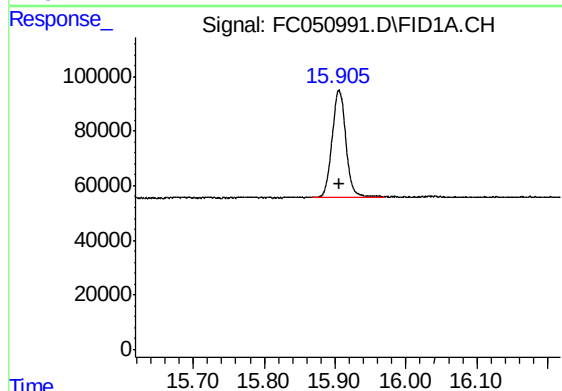
#13 n-Docosane (C22)

R.T.: 13.785 min  
Delta R.T.: 0.000 min  
Response: 541603  
Conc: 4.51 ug/ml



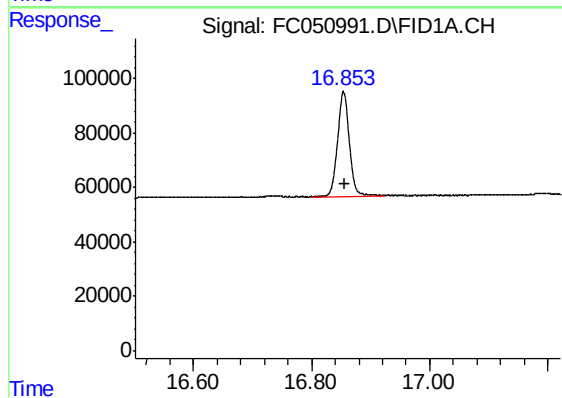
#14 n-Tetracosane (C24)

R.T.: 14.886 min  
Delta R.T.: -0.002 min  
Response: 539437  
Conc: 4.51 ug/ml



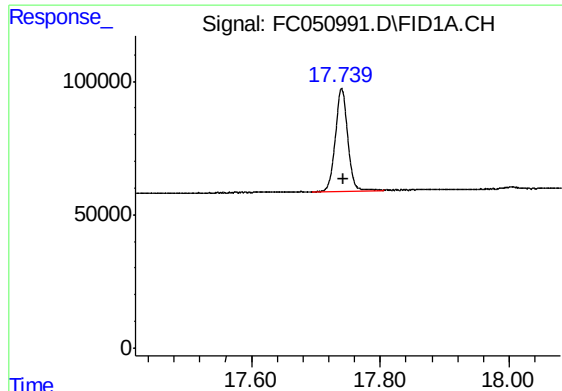
#15 n-Hexacosane (C26)

R.T.: 15.906 min  
Delta R.T.: -0.001 min  
Response: 529423  
Conc: 4.52 ug/ml



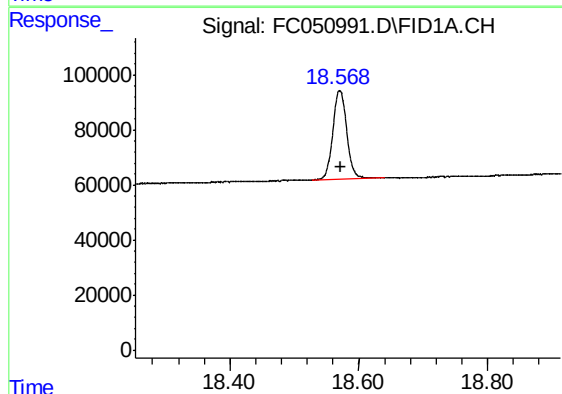
#16 n-Octacosane (C28)

R.T.: 16.854 min  
Delta R.T.: -0.002 min  
Response: 526278  
Conc: 4.58 ug/ml



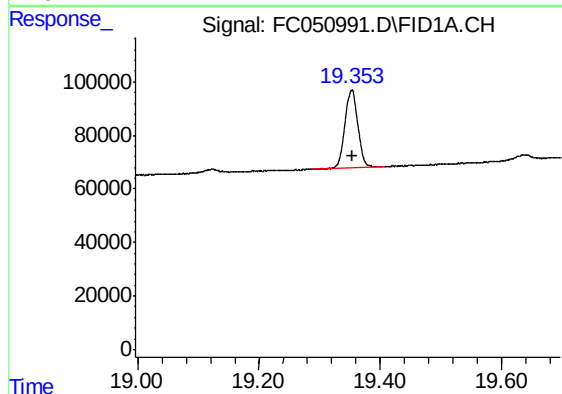
#17 n-Tricontane (C30)

R.T.: 17.740 min  
Delta R.T.: -0.002 min  
Response: 509934  
Conc: 4.65 ug/ml



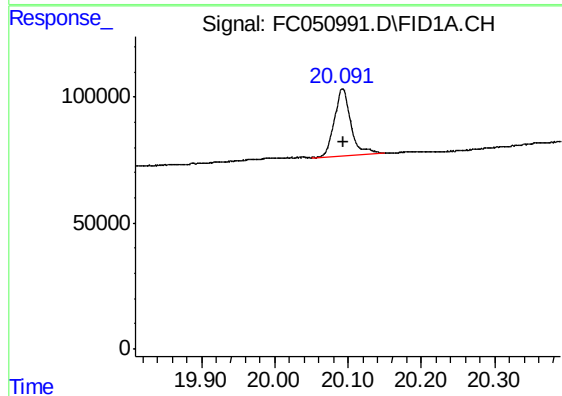
#18 n-Dotriacontane (C32)

R.T.: 18.570 min  
Delta R.T.: -0.002 min  
Response: 486318  
Conc: 4.88 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.353 min  
Delta R.T.: -0.002 min  
Response: 429389  
Conc: 4.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.093 min  
Delta R.T.: -0.001 min  
Response: 412589  
Conc: 4.96 ug/ml