

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031720AL\  
 Data File : FC046387.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Mar 2020 3:22  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 18 04:58:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Feb 22 03:16:45 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)    | 11.754 | 2279703    | 19.984 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.97%       |
| 12) S 1-chlorooctadecane (S... | 13.171 | 1764423    | 19.668 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.34%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.537  | 2212028    | 21.944 ug/ml |
| 2) T n-Decane (C10)            | 4.606  | 2265631    | 22.463 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.205  | 2346438    | 21.132 ug/ml |
| 4) T n-Dodecane (C12)          | 6.615  | 2285623    | 22.404 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.256  | 2340877    | 21.044 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.398  | 2249061    | 21.970 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.989  | 2221253    | 21.454 ug/ml |
| 8) T n-Octadecane (C18)        | 11.422 | 2193977    | 20.871 ug/ml |
| 10) T n-Eicosane (C20)         | 12.725 | 2147008    | 20.310 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.335 | 2130756    | 19.977 ug/ml |
| 13) T n-Docosane (C22)         | 13.918 | 2117049    | 19.924 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.014 | 2092134    | 19.548 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.031 | 2101557    | 19.773 ug/ml |
| 16) T n-Octacosane (C28)       | 16.976 | 2090680    | 19.969 ug/ml |
| 17) T n-Tricontane (C30)       | 17.859 | 2029677    | 20.141 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.686 | 1744209    | 20.380 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.466 | 1498657    | 20.649 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.201 | 1408189    | 20.822 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.962 | 1359143    | 22.487 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.918 | 1431804    | 22.774 ug/ml |
| -----                          |        |            |              |

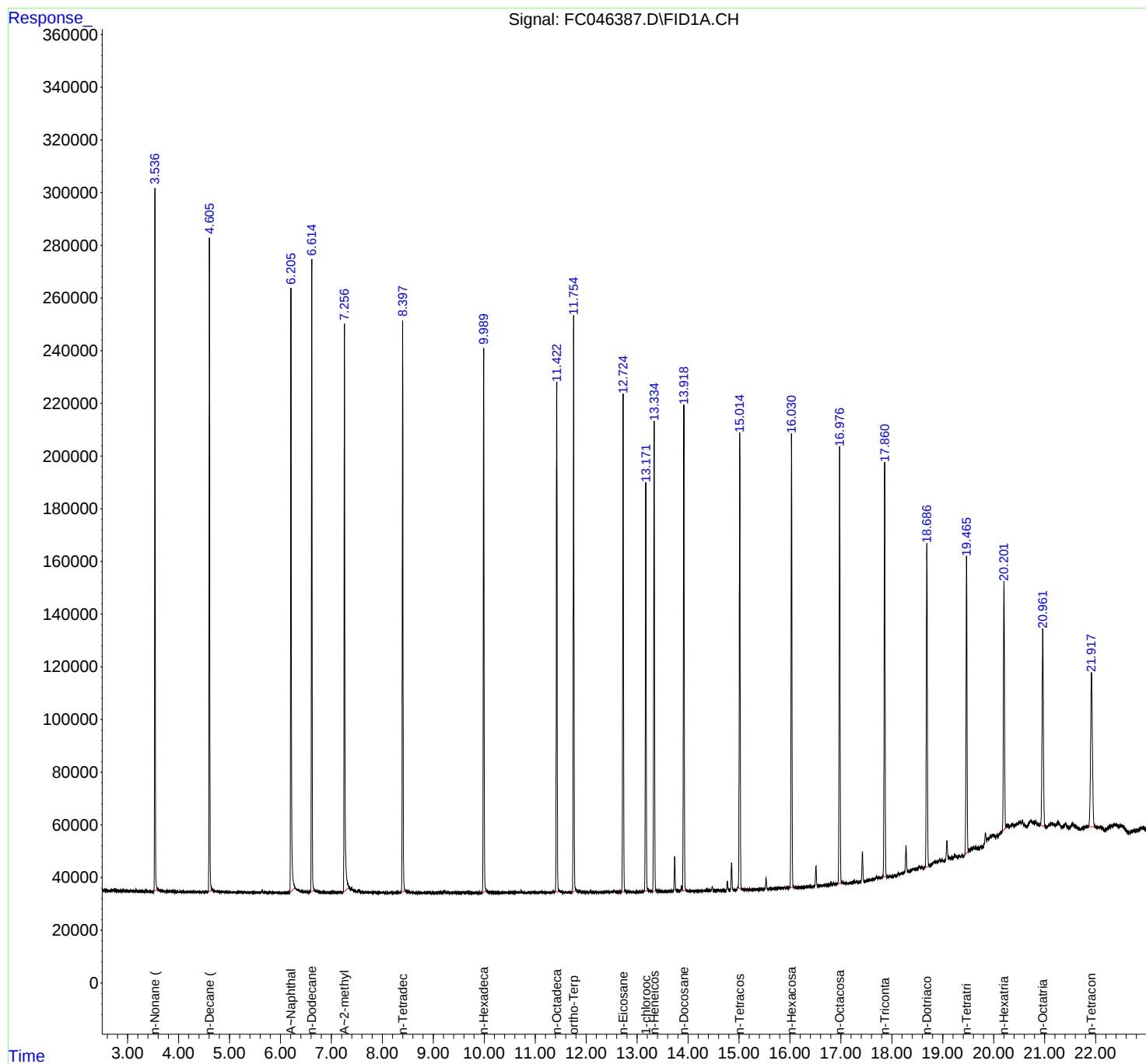
(f)=RT Delta > 1/2 Window

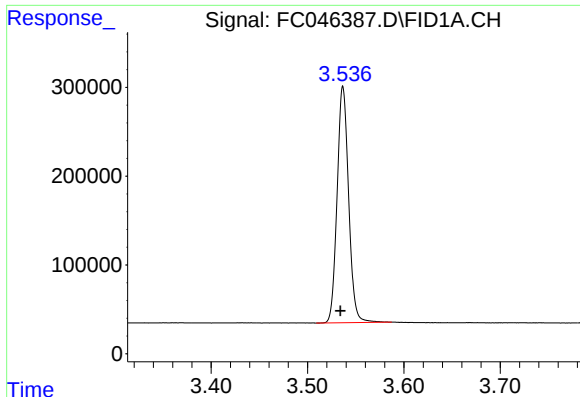
(m)=manual int.

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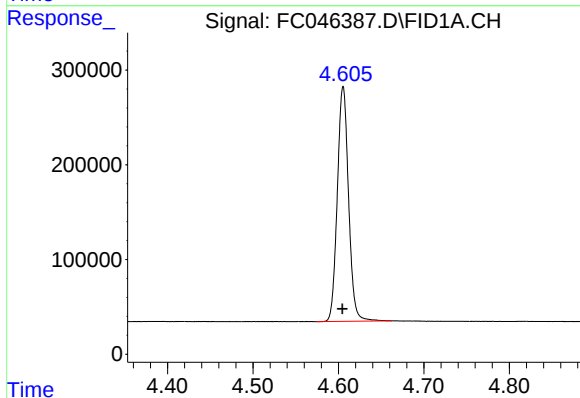
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





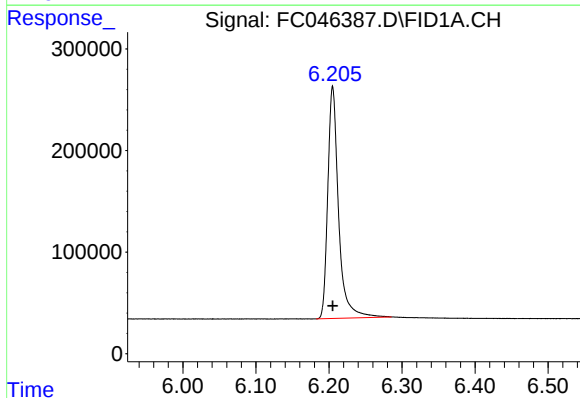
#1 n-Nonane (C9)

R.T.: 3.537 min  
Delta R.T.: 0.003 min  
Response: 2212028  
Conc: 21.94 ug/ml



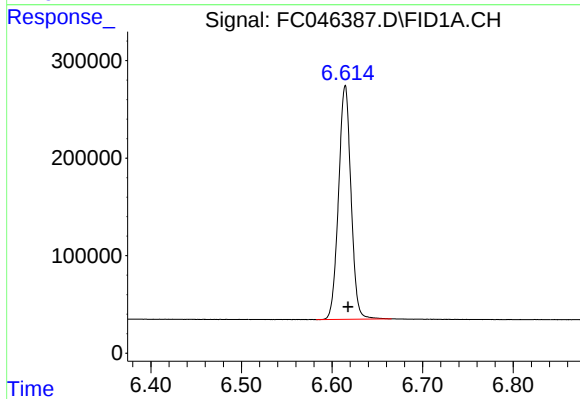
#2 n-Decane (C10)

R.T.: 4.606 min  
Delta R.T.: 0.000 min  
Response: 2265631  
Conc: 22.46 ug/ml



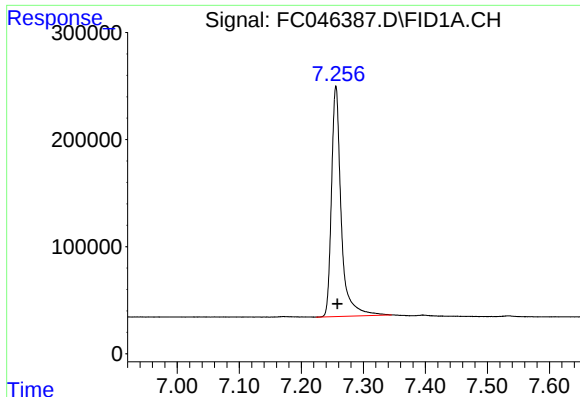
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 2346438  
Conc: 21.13 ug/ml



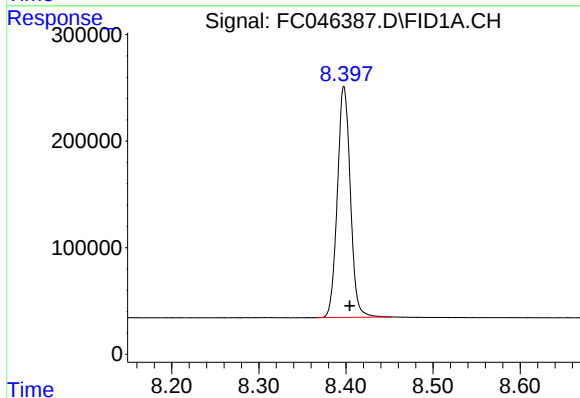
#4 n-Dodecane (C12)

R.T.: 6.615 min  
Delta R.T.: -0.003 min  
Response: 2285623  
Conc: 22.40 ug/ml



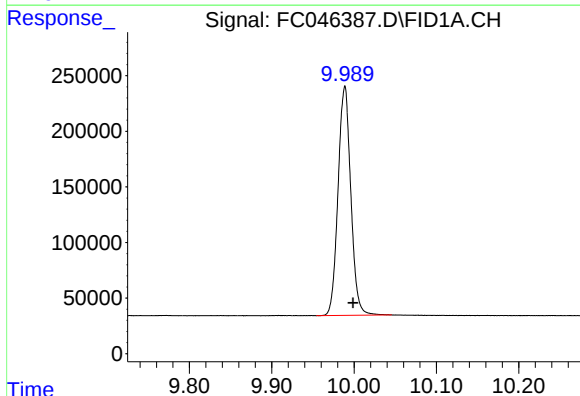
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min  
Delta R.T.: -0.003 min  
Response: 2340877  
Conc: 21.04 ug/ml



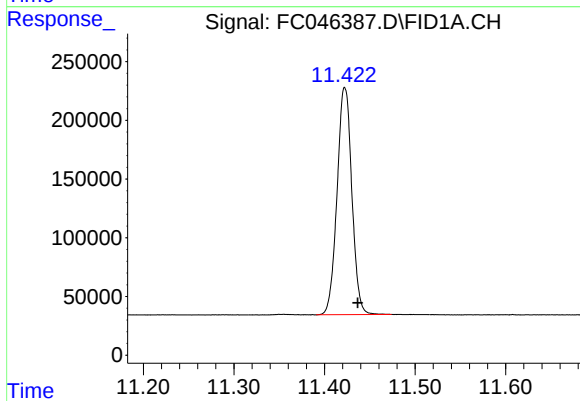
#6 n-Tetradecane (C14)

R.T.: 8.398 min  
Delta R.T.: -0.007 min  
Response: 2249061  
Conc: 21.97 ug/ml



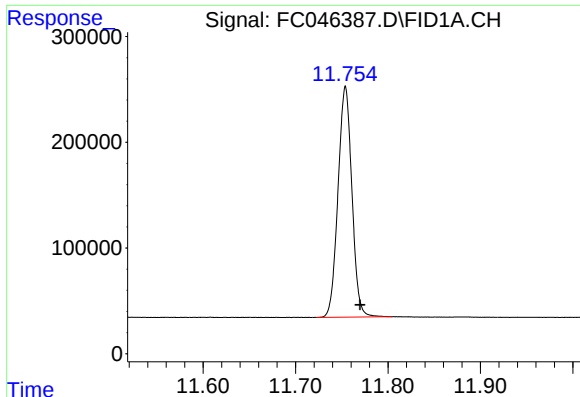
#7 n-Hexadecane (C16)

R.T.: 9.989 min  
Delta R.T.: -0.010 min  
Response: 2221253  
Conc: 21.45 ug/ml



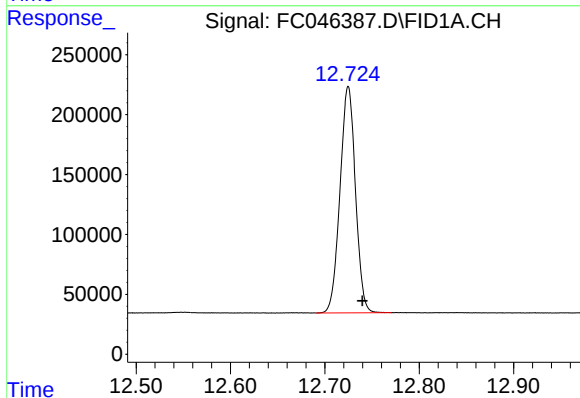
#8 n-Octadecane (C18)

R.T.: 11.422 min  
Delta R.T.: -0.014 min  
Response: 2193977  
Conc: 20.87 ug/ml



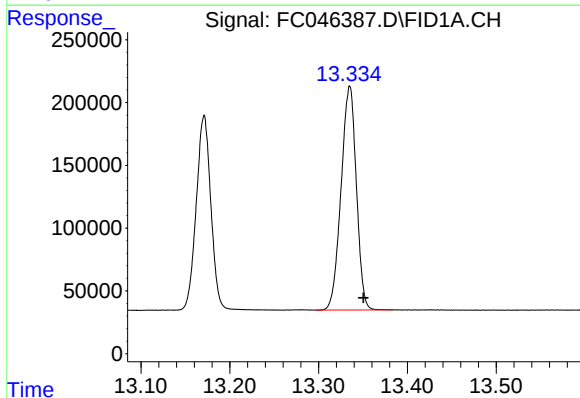
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min  
Delta R.T.: -0.016 min  
Response: 2279703  
Conc: 19.98 ug/ml



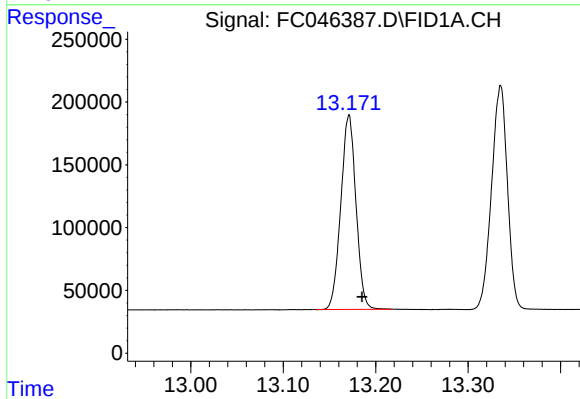
#10 n-Eicosane (C20)

R.T.: 12.725 min  
Delta R.T.: -0.015 min  
Response: 2147008  
Conc: 20.31 ug/ml



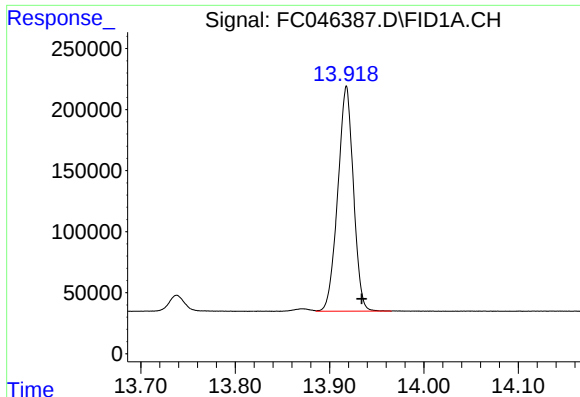
#11 n-Heneicosane (C21)

R.T.: 13.335 min  
Delta R.T.: -0.015 min  
Response: 2130756  
Conc: 19.98 ug/ml



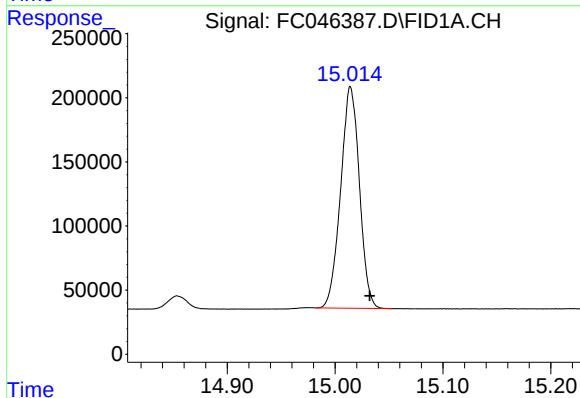
#12 1-chlorooctadecane (SURR)

R.T.: 13.171 min  
Delta R.T.: -0.014 min  
Response: 1764423  
Conc: 19.67 ug/ml



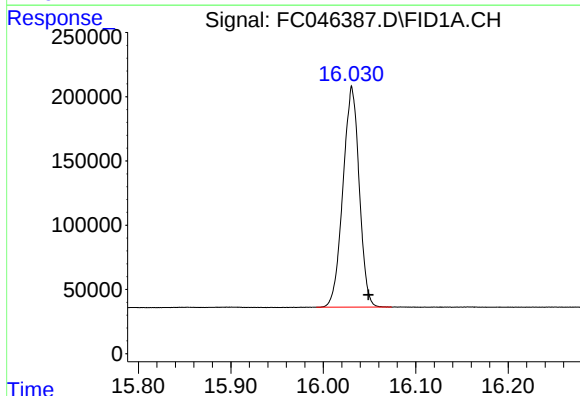
#13 n-Docosane (C22)

R.T.: 13.918 min  
Delta R.T.: -0.016 min  
Response: 2117049  
Conc: 19.92 ug/ml



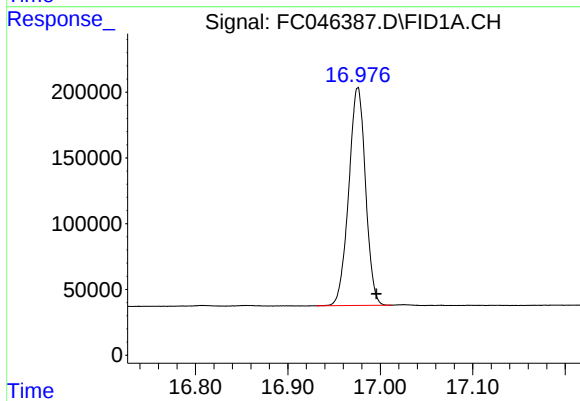
#14 n-Tetracosane (C24)

R.T.: 15.014 min  
Delta R.T.: -0.018 min  
Response: 2092134  
Conc: 19.55 ug/ml



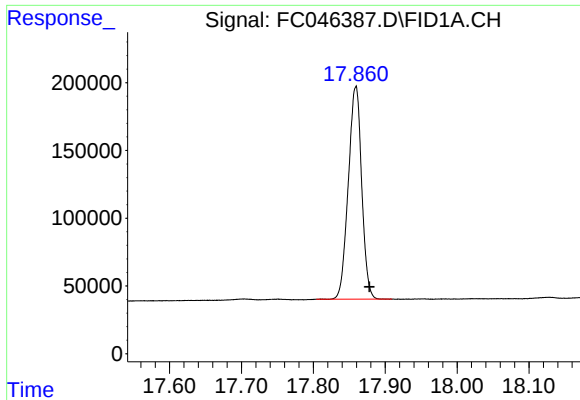
#15 n-Hexacosane (C26)

R.T.: 16.031 min  
Delta R.T.: -0.018 min  
Response: 2101557  
Conc: 19.77 ug/ml



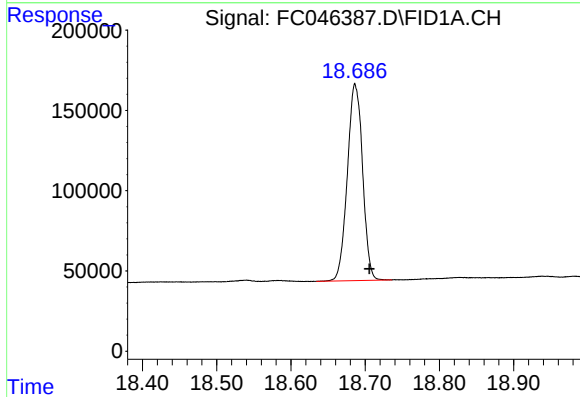
#16 n-Octacosane (C28)

R.T.: 16.976 min  
Delta R.T.: -0.020 min  
Response: 2090680  
Conc: 19.97 ug/ml



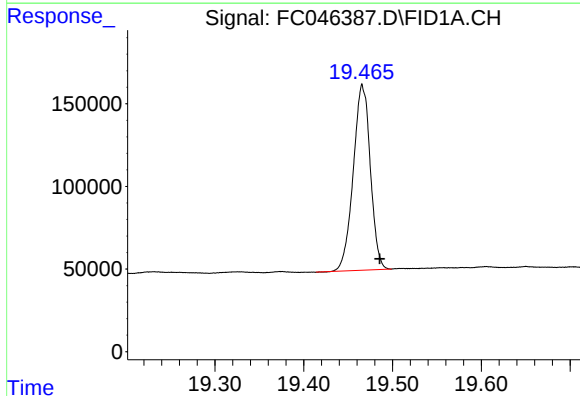
#17 n-Tricontane (C30)

R.T.: 17.859 min  
Delta R.T.: -0.019 min  
Response: 2029677  
Conc: 20.14 ug/ml



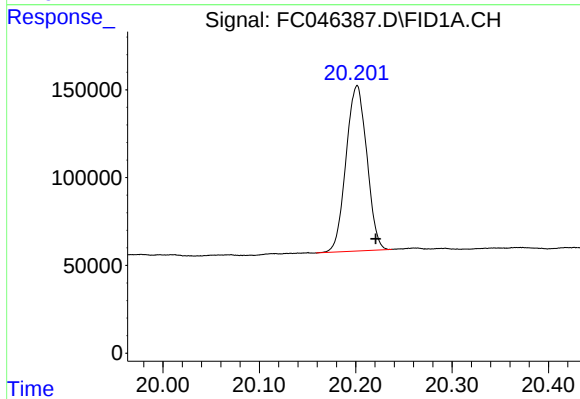
#18 n-Dotriacontane (C32)

R.T.: 18.686 min  
Delta R.T.: -0.019 min  
Response: 1744209  
Conc: 20.38 ug/ml



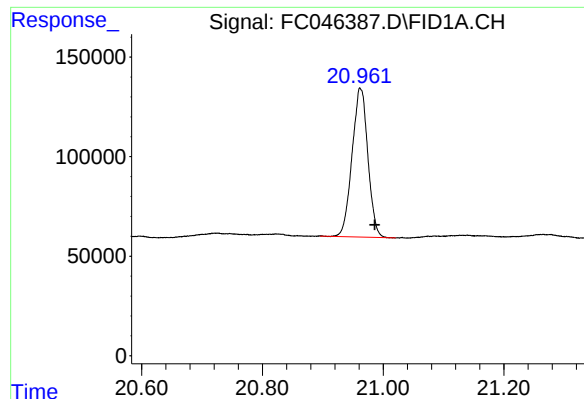
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min  
Delta R.T.: -0.019 min  
Response: 1498657  
Conc: 20.65 ug/ml



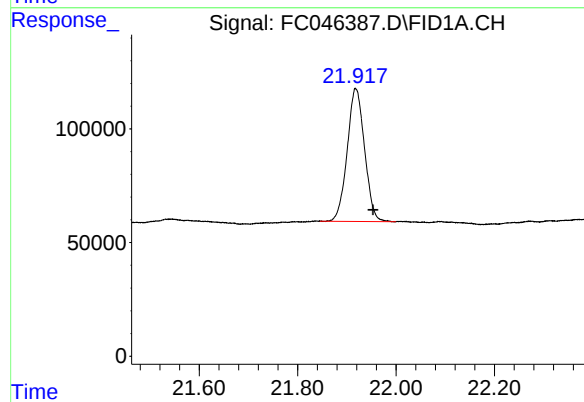
#20 n-Hexatriacontane (C36)

R.T.: 20.201 min  
Delta R.T.: -0.019 min  
Response: 1408189  
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.962 min  
Delta R.T.: -0.024 min  
Response: 1359143  
Conc: 22.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.918 min  
Delta R.T.: -0.035 min  
Response: 1431804  
Conc: 22.77 ug/ml