

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101618AL\  
 Data File : FC036920.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Oct 2018 5:46  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 17 06:27:26 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092118.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 10 12:23:17 2018  
 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)    | 11.365 | 2449768    | 20.149 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.30%        |
| 12) S 1-chlorooctadecane (S... | 12.805 | 1781225    | 18.917 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.83%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.178  | 1698075    | 19.056 ug/ml  |
| 2) T n-Decane (C10)            | 4.242  | 1735272    | 19.303 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.811  | 2205937    | 22.008 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.253  | 1802928    | 19.346 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.861  | 2238425    | 22.265 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.037  | 1883504    | 19.256 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.629  | 1983035    | 19.295 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.062 | 2043891    | 18.820 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.367 | 2074104    | 18.750 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.976 | 2066571    | 18.803 ug/ml  |
| 13) T n-Docosane (C22)         | 13.560 | 2068786    | 18.947 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.659 | 2069108    | 18.952 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.675 | 2061160    | 19.080 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.622 | 2067385    | 18.737 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.506 | 2081564    | 17.889 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.335 | 2122126    | 18.198 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.117 | 2092076    | 18.670 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.853 | 1996860    | 18.860 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.558 | 1933222    | 18.289 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.393 | 1985640    | 18.494 ug/ml  |
| -----                          |        |            |               |

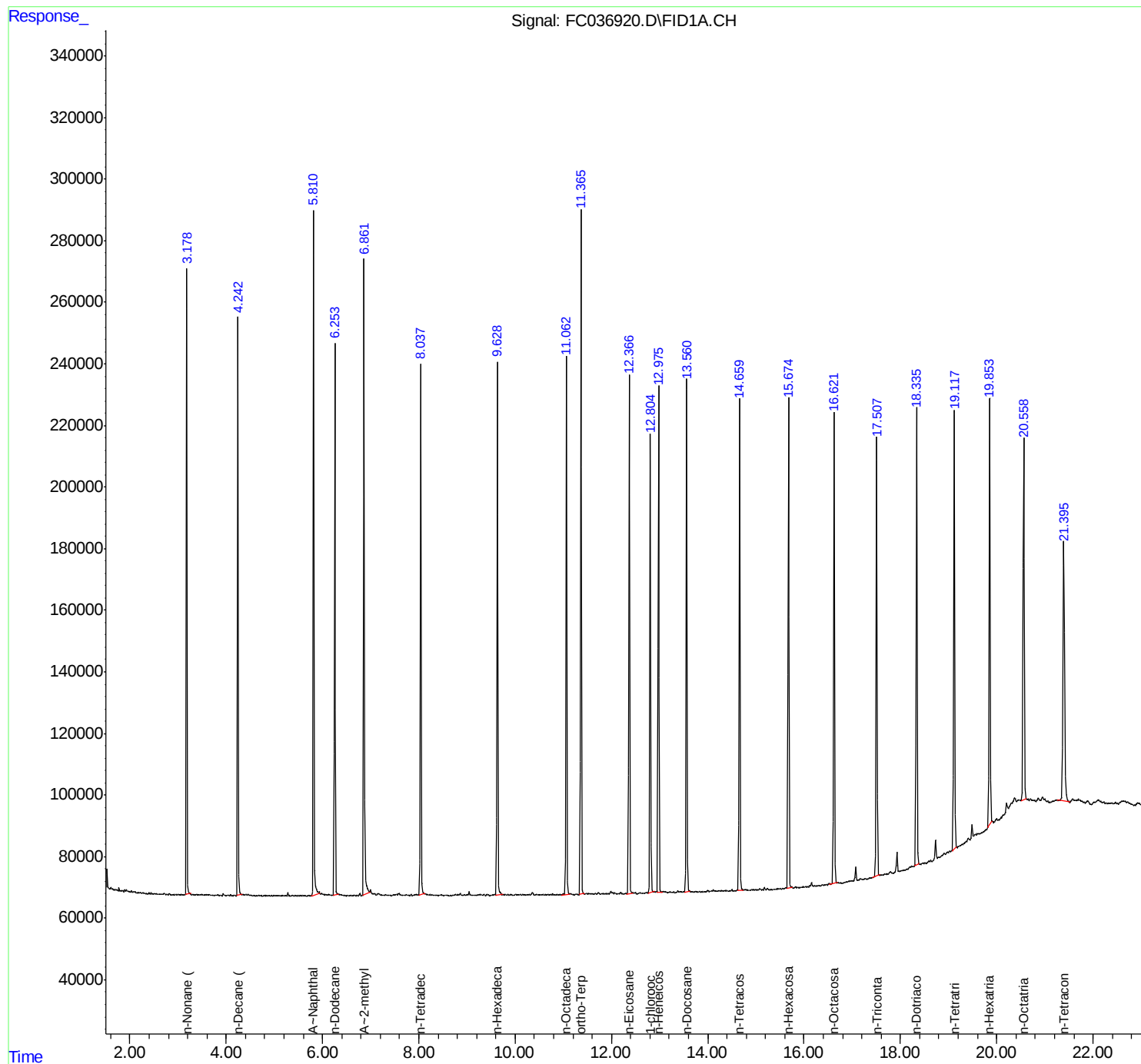
(f)=RT Delta > 1/2 Window

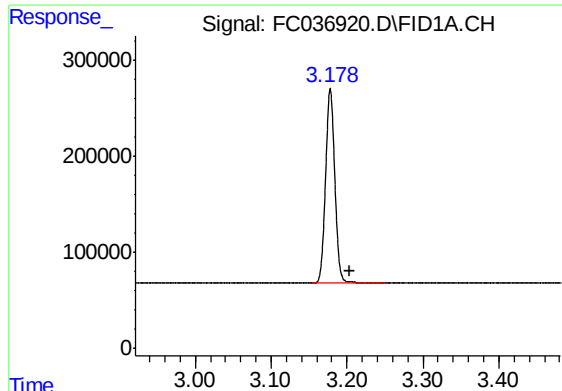
(m)=manual int.

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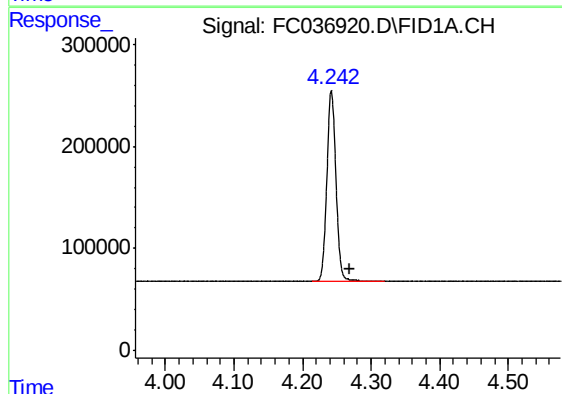
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





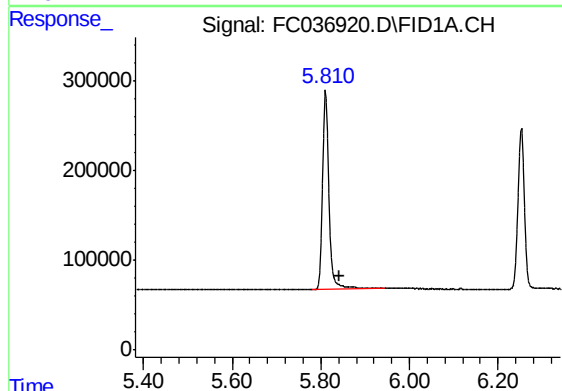
#1 n-Nonane (C9)

R.T.: 3.178 min  
Delta R.T.: -0.025 min  
Response: 1698075  
Conc: 19.06 ug/ml



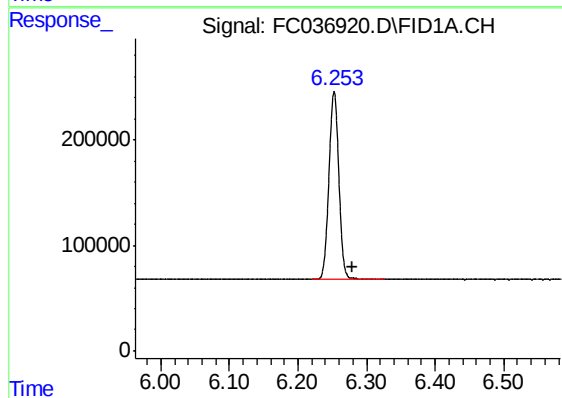
#2 n-Decane (C10)

R.T.: 4.242 min  
Delta R.T.: -0.026 min  
Response: 1735272  
Conc: 19.30 ug/ml



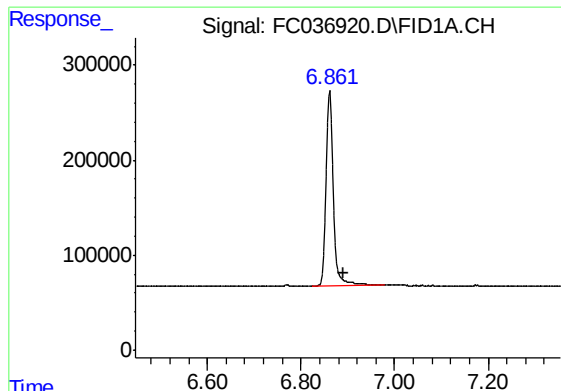
#3 A~Naphthalene (C11.7)

R.T.: 5.811 min  
Delta R.T.: -0.031 min  
Response: 2205937  
Conc: 22.01 ug/ml



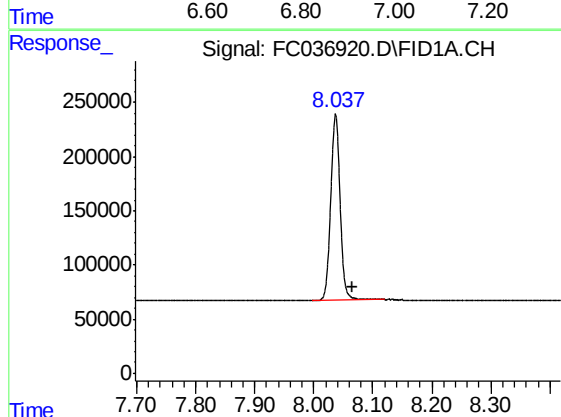
#4 n-Dodecane (C12)

R.T.: 6.253 min  
Delta R.T.: -0.027 min  
Response: 1802928  
Conc: 19.35 ug/ml



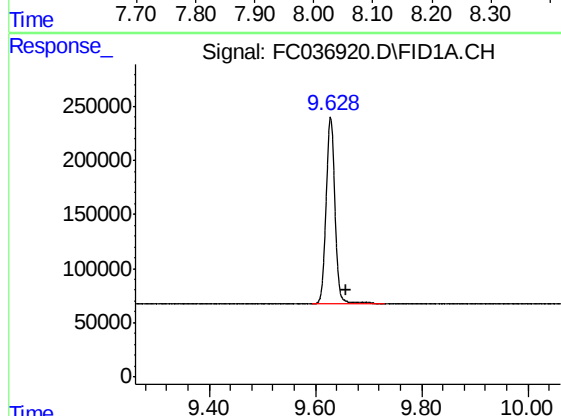
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.861 min  
Delta R.T.: -0.029 min  
Response: 2238425  
Conc: 22.26 ug/ml



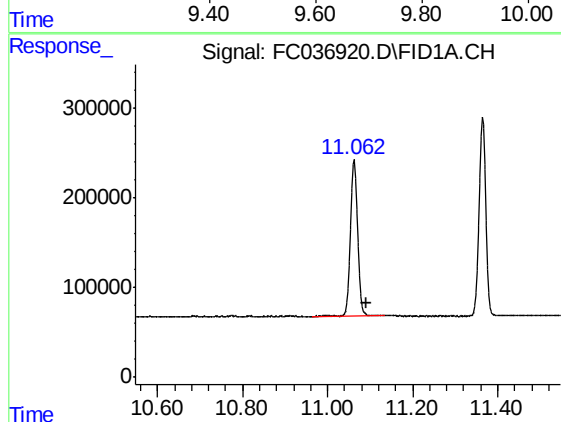
#6 n-Tetradecane (C14)

R.T.: 8.037 min  
Delta R.T.: -0.028 min  
Response: 1883504  
Conc: 19.26 ug/ml



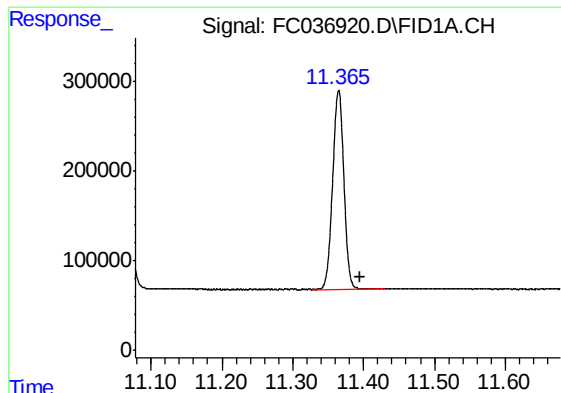
#7 n-Hexadecane (C16)

R.T.: 9.629 min  
Delta R.T.: -0.028 min  
Response: 1983035  
Conc: 19.30 ug/ml



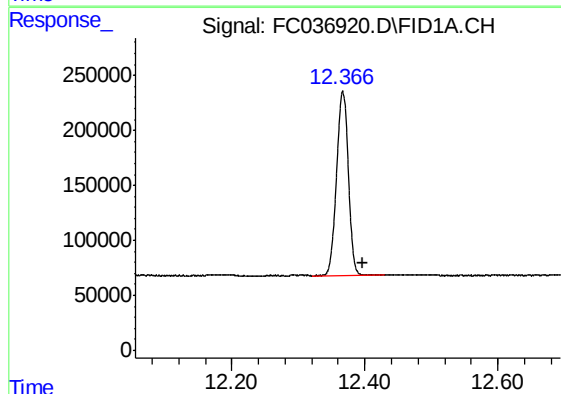
#8 n-Octadecane (C18)

R.T.: 11.062 min  
Delta R.T.: -0.029 min  
Response: 2043891  
Conc: 18.82 ug/ml



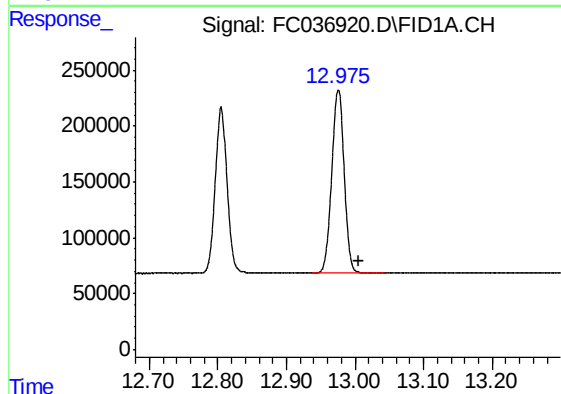
#9 ortho-Terphenyl (SURR)

R.T.: 11.365 min  
Delta R.T.: -0.031 min  
Response: 2449768  
Conc: 20.15 ug/ml



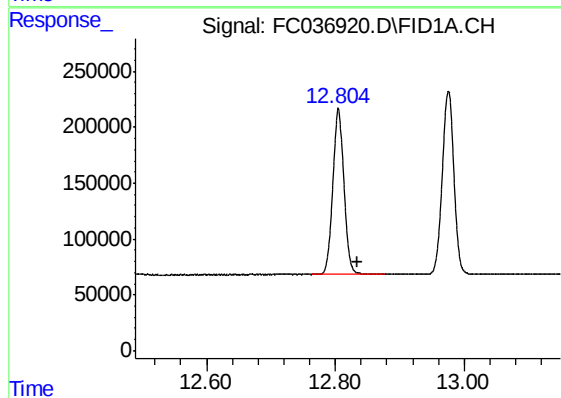
#10 n-Eicosane (C20)

R.T.: 12.367 min  
Delta R.T.: -0.029 min  
Response: 2074104  
Conc: 18.75 ug/ml



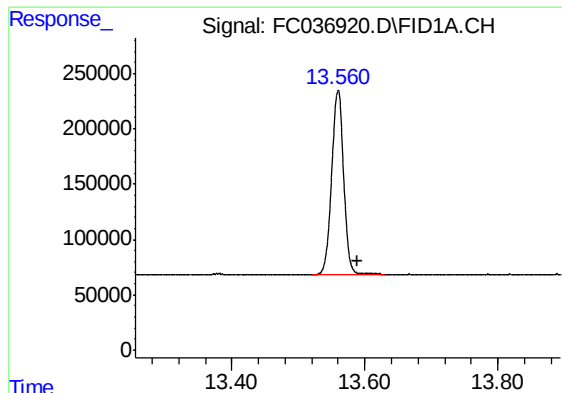
#11 n-Heneicosane (C21)

R.T.: 12.976 min  
Delta R.T.: -0.030 min  
Response: 2066571  
Conc: 18.80 ug/ml



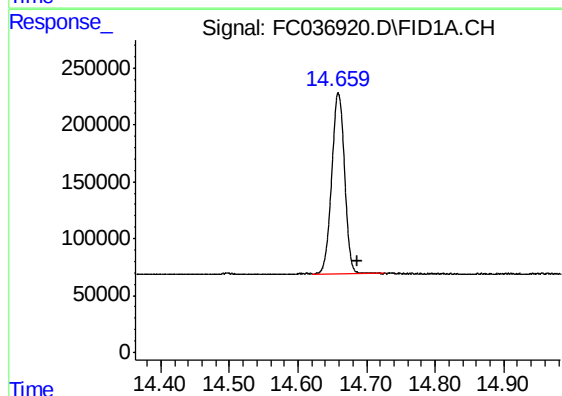
#12 1-chlorooctadecane (SURR)

R.T.: 12.805 min  
Delta R.T.: -0.030 min  
Response: 1781225  
Conc: 18.92 ug/ml



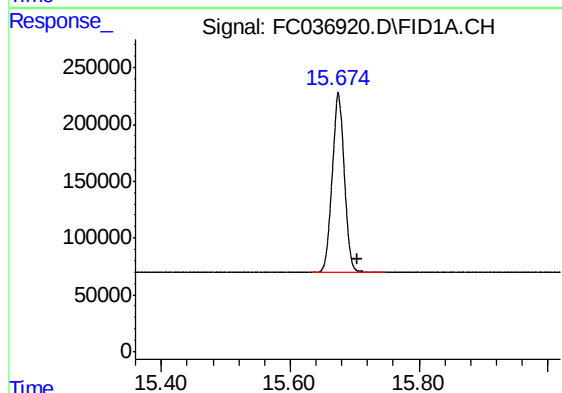
#13 n-Docosane (C22)

R.T.: 13.560 min  
Delta R.T.: -0.029 min  
Response: 2068786  
Conc: 18.95 ug/ml



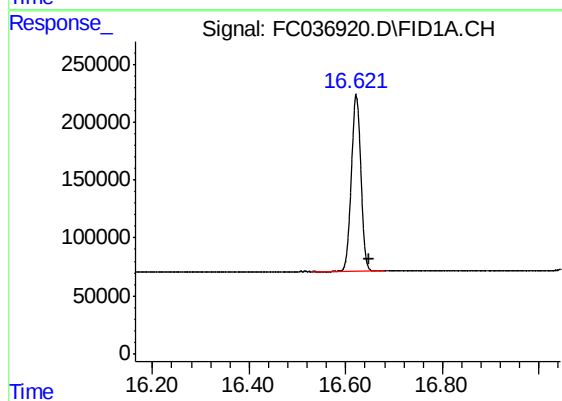
#14 n-Tetracosane (C24)

R.T.: 14.659 min  
Delta R.T.: -0.027 min  
Response: 2069108  
Conc: 18.95 ug/ml



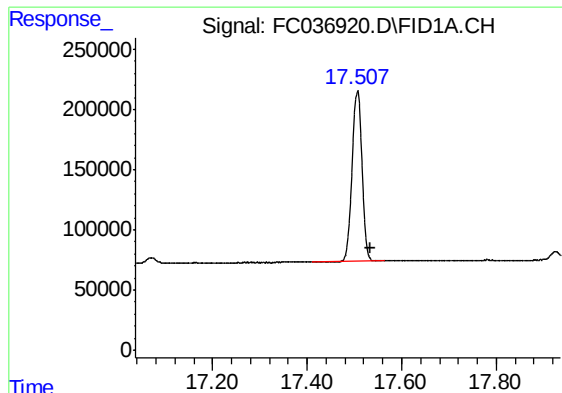
#15 n-Hexacosane (C26)

R.T.: 15.675 min  
Delta R.T.: -0.029 min  
Response: 2061160  
Conc: 19.08 ug/ml



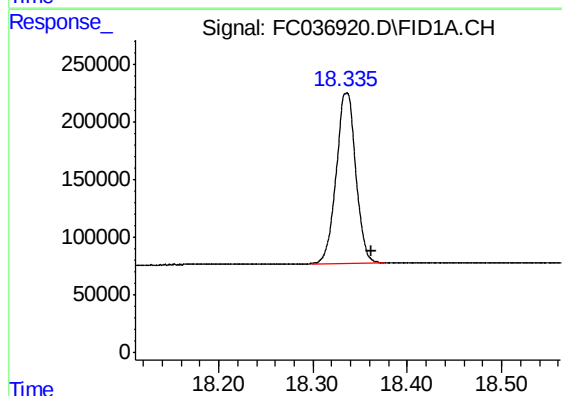
#16 n-Octacosane (C28)

R.T.: 16.622 min  
Delta R.T.: -0.027 min  
Response: 2067385  
Conc: 18.74 ug/ml



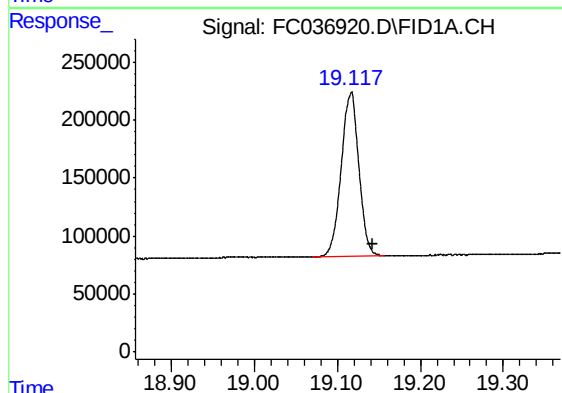
#17 n-Tricontane (C30)

R.T.: 17.506 min  
Delta R.T.: -0.026 min  
Response: 2081564  
Conc: 17.89 ug/ml



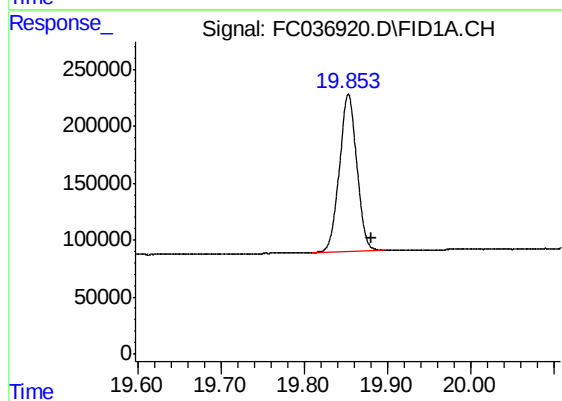
#18 n-Dotriacontane (C32)

R.T.: 18.335 min  
Delta R.T.: -0.027 min  
Response: 2122126  
Conc: 18.20 ug/ml m



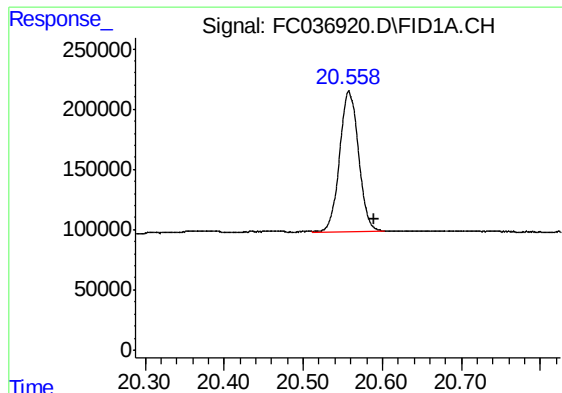
#19 n-Tetatriacontane (C34)

R.T.: 19.117 min  
Delta R.T.: -0.026 min  
Response: 2092076  
Conc: 18.67 ug/ml m



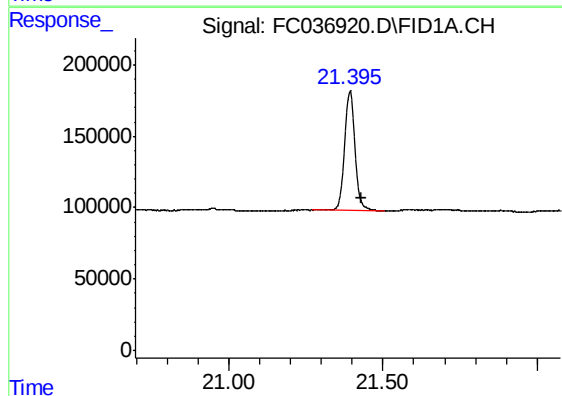
#20 n-Hexatriacontane (C36)

R.T.: 19.853 min  
Delta R.T.: -0.028 min  
Response: 1996860  
Conc: 18.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.558 min  
Delta R.T.: -0.033 min  
Response: 1933222  
Conc: 18.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.393 min  
Delta R.T.: -0.038 min  
Response: 1985640  
Conc: 18.49 ug/ml