

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051622AL\  
 Data File : FC059786.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 May 2022 22:52  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 16 23:14:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 09 11:12:42 2022  
 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)    | 10.655 | 2720087    | 18.523 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.05%       |
| 12) S 1-chlorooctadecane (S... | 12.026 | 2122108    | 18.440 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.633  | 2433264    | 19.054 ug/ml |
| 2) T n-Decane (C10)            | 3.632  | 2517546    | 19.879 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.168  | 2853096    | 19.377 ug/ml |
| 4) T n-Dodecane (C12)          | 5.585  | 2635147    | 20.038 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.191  | 2909083    | 19.353 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.337  | 2651997    | 19.709 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.902  | 2664744    | 19.420 ug/ml |
| 8) T n-Octadecane (C18)        | 10.311 | 2629698    | 19.082 ug/ml |
| 10) T n-Eicosane (C20)         | 11.591 | 2523946    | 18.766 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.189 | 2473280    | 18.540 ug/ml |
| 13) T n-Docosane (C22)         | 12.761 | 2458687    | 18.734 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.839 | 2444037    | 19.425 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.838 | 2298664    | 19.247 ug/ml |
| 16) T n-Octacosane (C28)       | 15.766 | 2317135    | 20.353 ug/ml |
| 17) T n-Tricontane (C30)       | 16.633 | 2442456    | 22.219 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.447 | 2173867    | 21.027 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

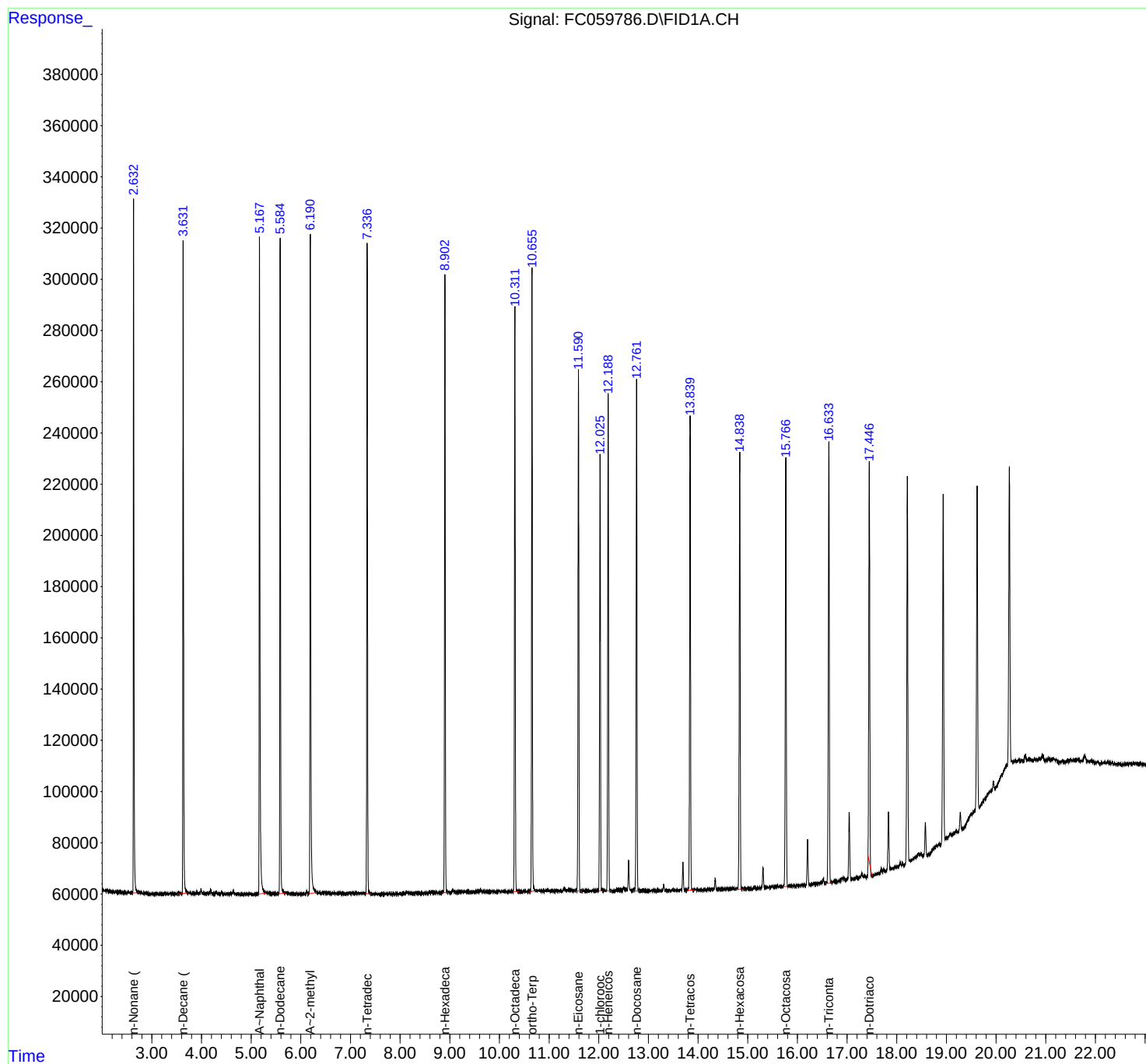
(m)=manual int.

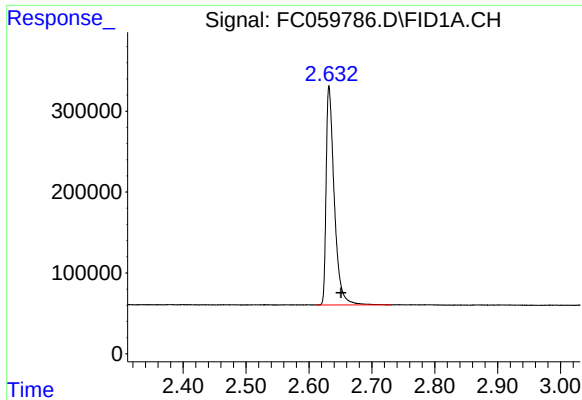
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

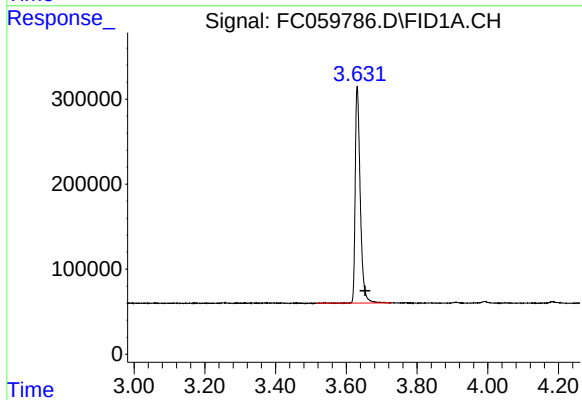




#1 n-Nonane (C9)

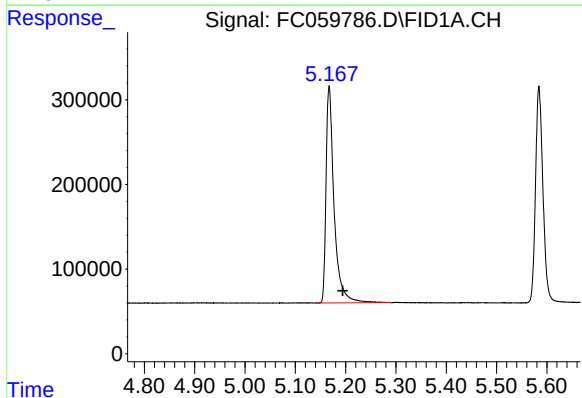
R.T.: 2.633 min  
Delta R.T.: -0.018 min  
Response: 2433264  
Conc: 19.05 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



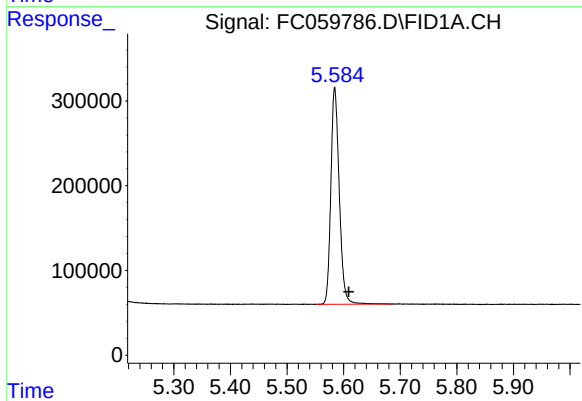
#2 n-Decane (C10)

R.T.: 3.632 min  
Delta R.T.: -0.021 min  
Response: 2517546  
Conc: 19.88 ug/ml



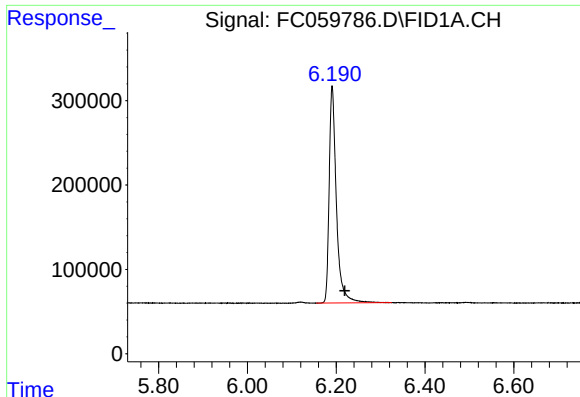
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min  
Delta R.T.: -0.027 min  
Response: 2853096  
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

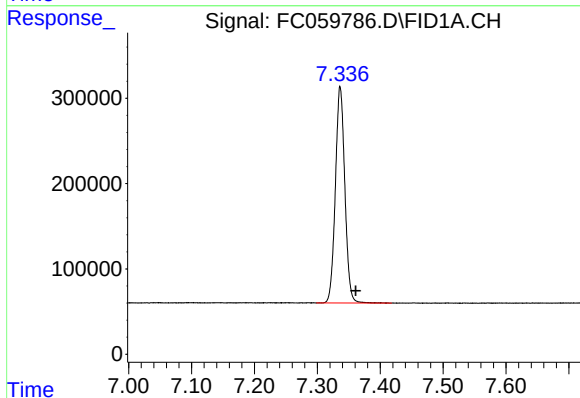
R.T.: 5.585 min  
Delta R.T.: -0.024 min  
Response: 2635147  
Conc: 20.04 ug/ml



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

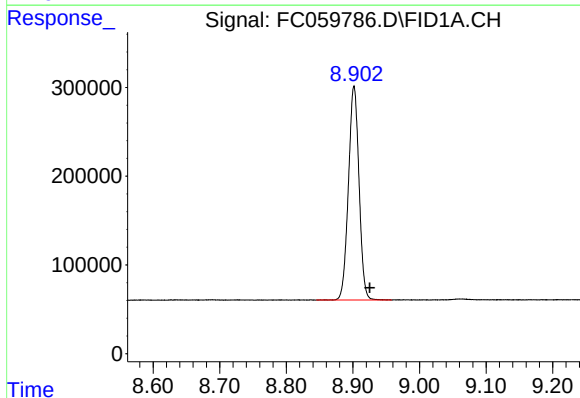
R.T.: 6.191 min  
Delta R.T.: -0.028 min  
Response: 2909083  
Conc: 19.35 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



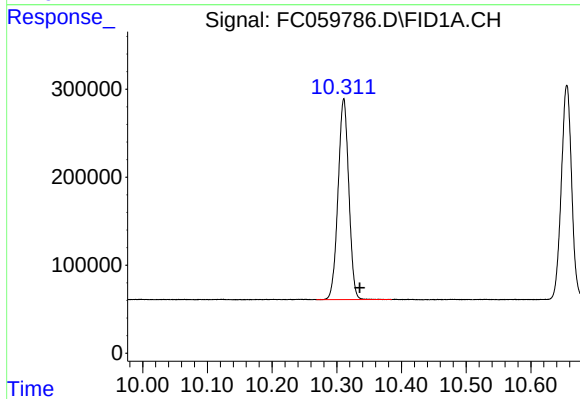
#6 n-Tetradecane (C14)

R.T.: 7.337 min  
Delta R.T.: -0.024 min  
Response: 2651997  
Conc: 19.71 ug/ml



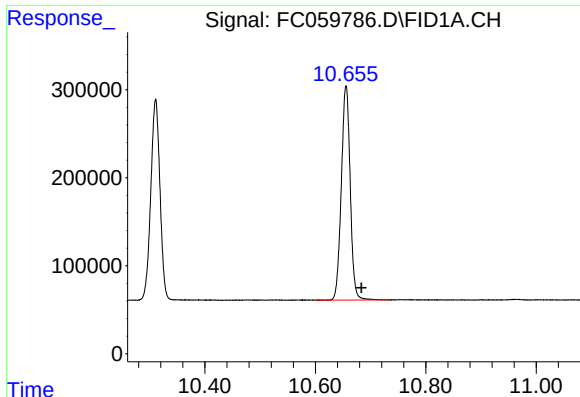
#7 n-Hexadecane (C16)

R.T.: 8.902 min  
Delta R.T.: -0.024 min  
Response: 2664744  
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

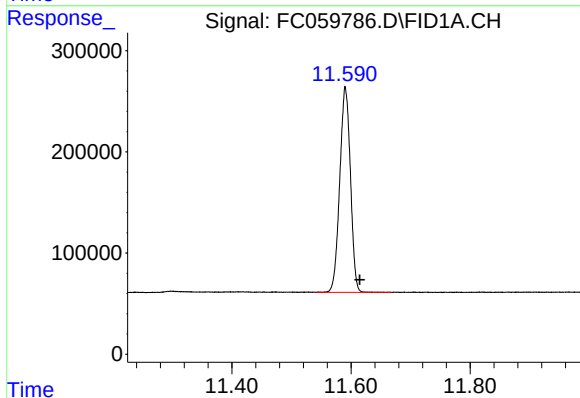
R.T.: 10.311 min  
Delta R.T.: -0.025 min  
Response: 2629698  
Conc: 19.08 ug/ml



#9 ortho-Terphenyl (SURR)

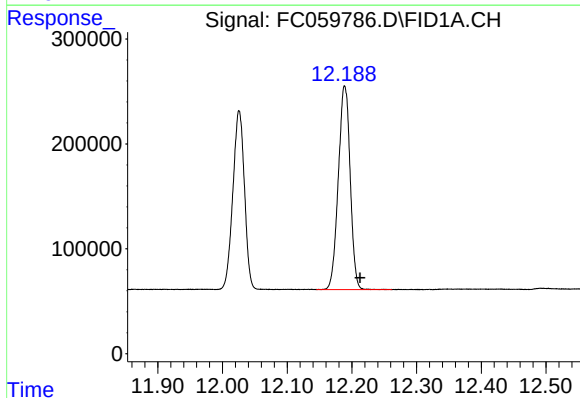
R.T.: 10.655 min  
Delta R.T.: -0.028 min  
Response: 2720087  
Conc: 18.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



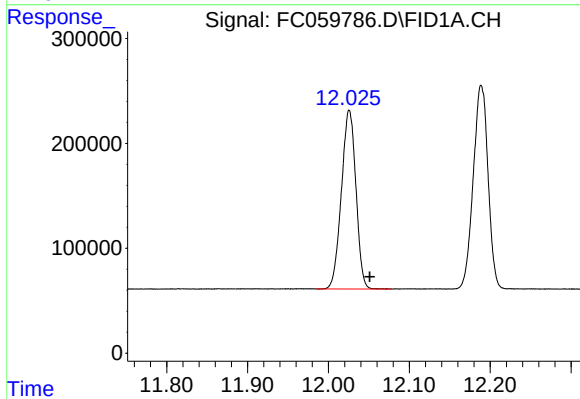
#10 n-Eicosane (C20)

R.T.: 11.591 min  
Delta R.T.: -0.024 min  
Response: 2523946  
Conc: 18.77 ug/ml



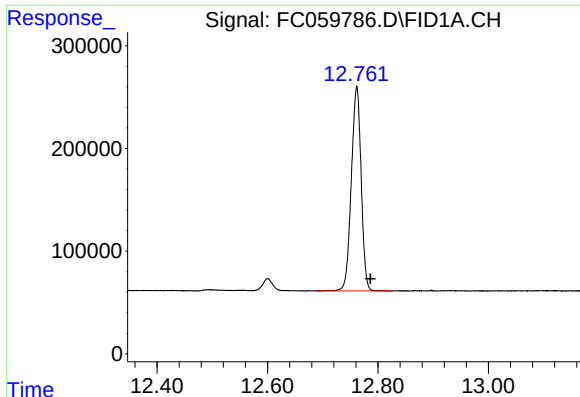
#11 n-Heneicosane (C21)

R.T.: 12.189 min  
Delta R.T.: -0.024 min  
Response: 2473280  
Conc: 18.54 ug/ml



#12 1-chlorooctadecane (SURR)

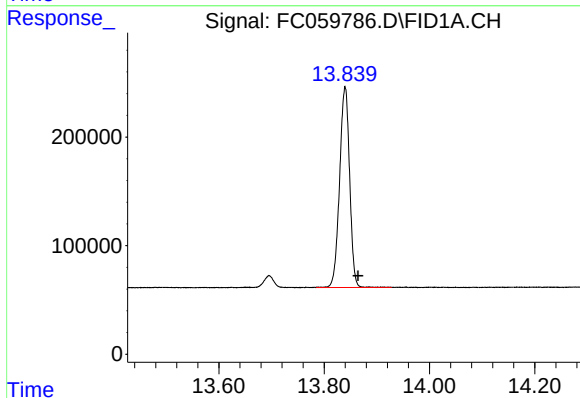
R.T.: 12.026 min  
Delta R.T.: -0.026 min  
Response: 2122108  
Conc: 18.44 ug/ml



#13 n-Docosane (C22)

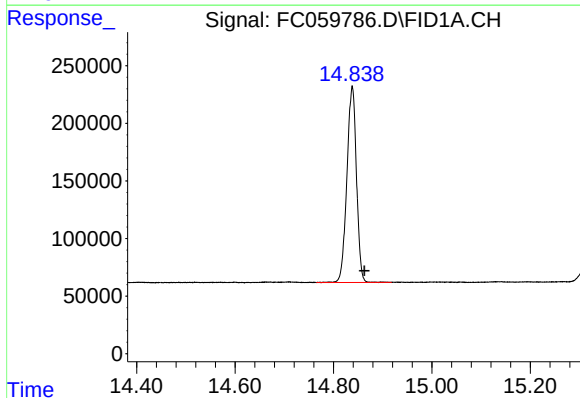
R.T.: 12.761 min  
Delta R.T.: -0.025 min  
Response: 2458687  
Conc: 18.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



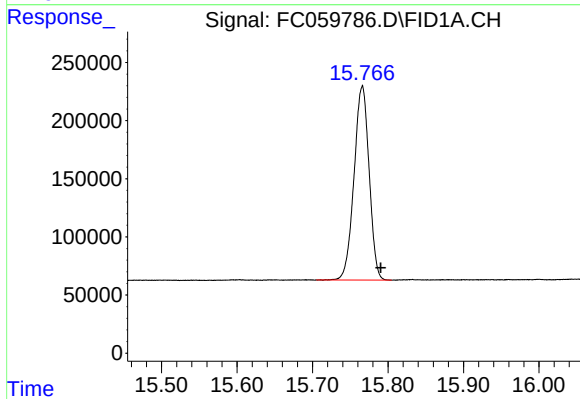
#14 n-Tetracosane (C24)

R.T.: 13.839 min  
Delta R.T.: -0.025 min  
Response: 2444037  
Conc: 19.42 ug/ml



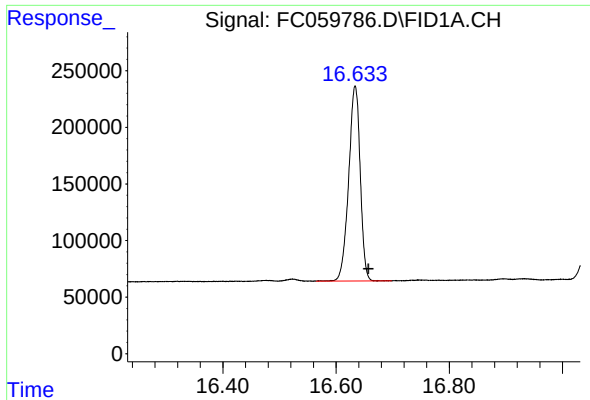
#15 n-Hexacosane (C26)

R.T.: 14.838 min  
Delta R.T.: -0.025 min  
Response: 2298664  
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.766 min  
Delta R.T.: -0.025 min  
Response: 2317135  
Conc: 20.35 ug/ml



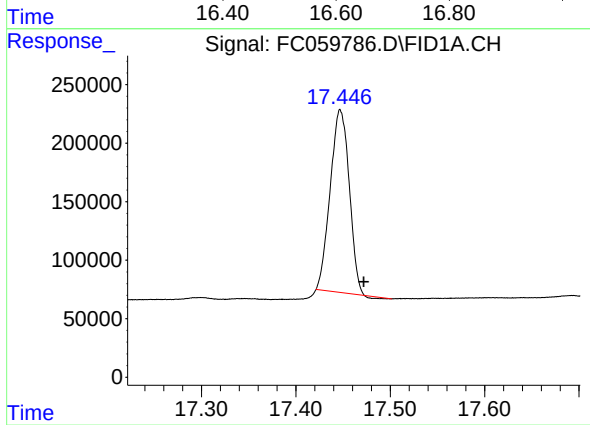
#17 n-Tricontane (C30)

R.T.: 16.633 min  
Delta R.T.: -0.024 min  
Response: 2442456  
Conc: 22.22 ug/ml

Instrument :

FID\_E

ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 17.447 min  
Delta R.T.: -0.025 min  
Response: 2173867  
Conc: 21.03 ug/ml