

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032621AL\  
 Data File : FC052808.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Mar 2021 00:42  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 29 08:53:42 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 031721.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 17 03:47:28 2021  
 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)    | 11.562 | 2762418    | 20.609 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.22%       |
| 12) S 1-chlorooctadecane (S... | 12.999 | 2155512    | 19.985 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.97%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.320  | 2673495    | 23.018 ug/ml |
| 2) T n-Decane (C10)            | 4.387  | 2743046    | 23.408 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.973  | 3017709    | 23.049 ug/ml |
| 4) T n-Dodecane (C12)          | 6.406  | 2800119    | 23.322 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.030  | 3084715    | 23.045 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.203  | 2778302    | 22.971 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.804  | 2690411    | 22.370 ug/ml |
| 8) T n-Octadecane (C18)        | 11.246 | 2716570    | 21.531 ug/ml |
| 10) T n-Eicosane (C20)         | 12.556 | 2619338    | 20.513 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.166 | 2545243    | 20.024 ug/ml |
| 13) T n-Docosane (C22)         | 13.754 | 2484939    | 19.616 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.856 | 2369455    | 18.968 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.876 | 2265610    | 18.815 ug/ml |
| 16) T n-Octacosane (C28)       | 16.826 | 2204064    | 19.117 ug/ml |
| 17) T n-Tricontane (C30)       | 17.713 | 2191312    | 20.113 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.546 | 2168747    | 21.614 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.327 | 2138866    | 23.269 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.067 | 2100029    | 23.030 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.800 | 2031479    | 24.891 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.706 | 2109872    | 24.494 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

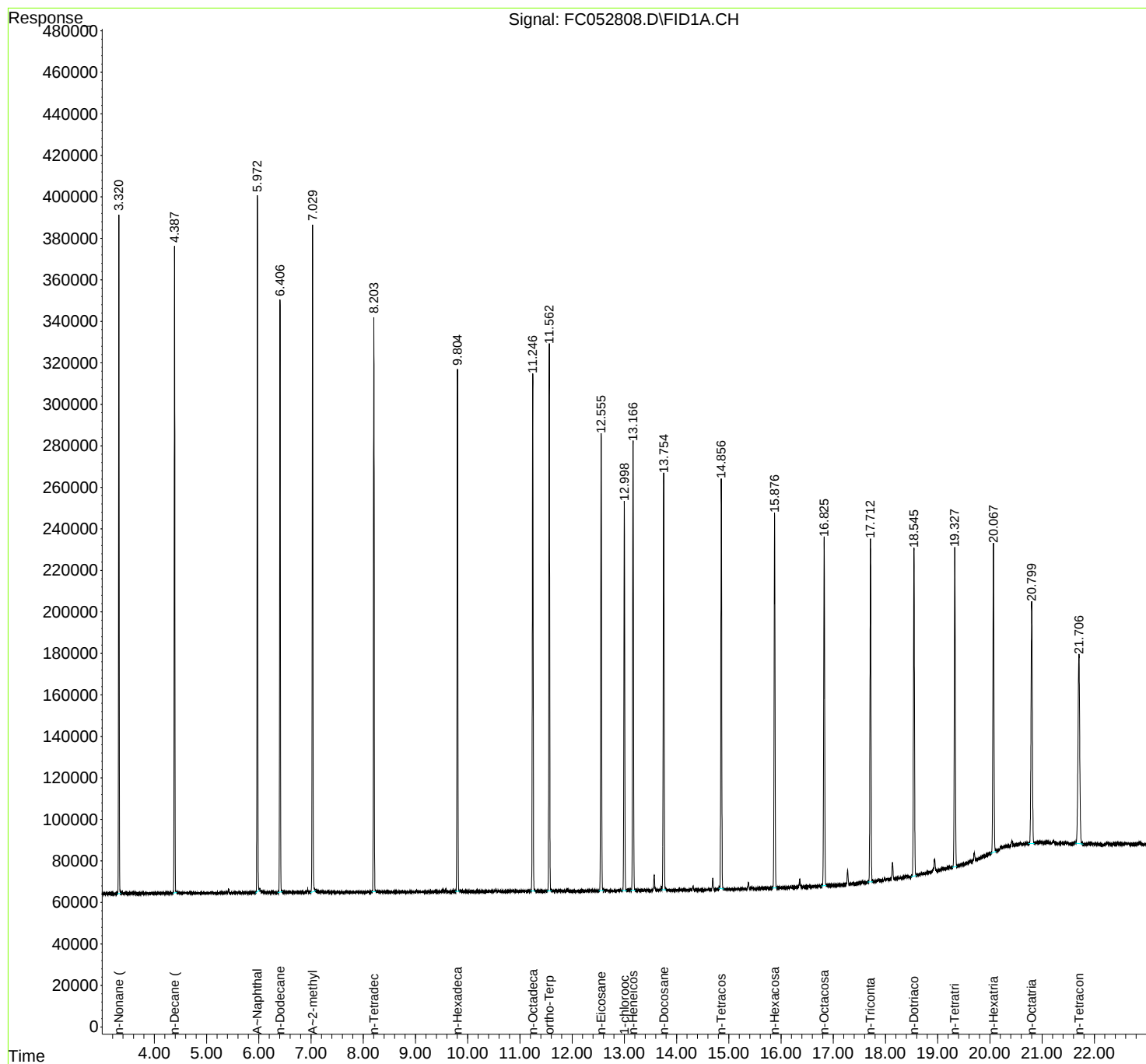
(m)=manual int.

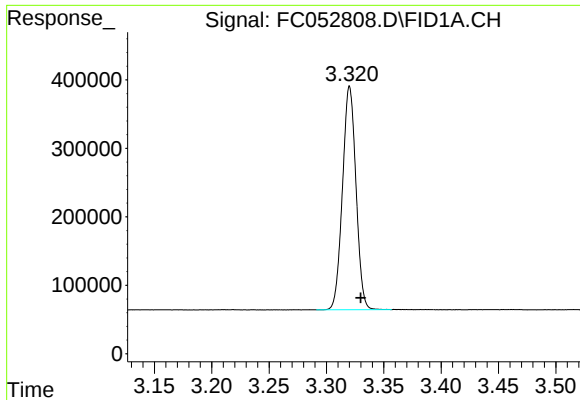
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032621AL\  
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Volume Inj. : 1 ul  
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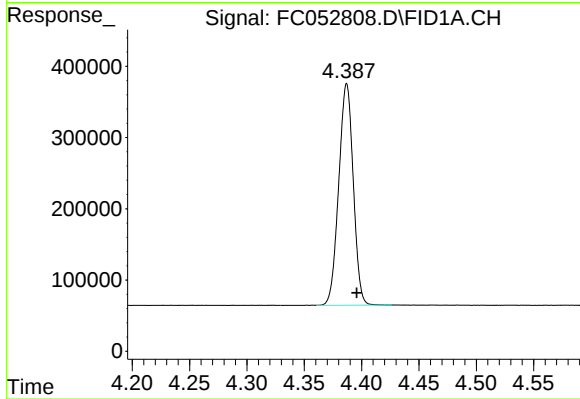




#1 n-Nonane (C9)

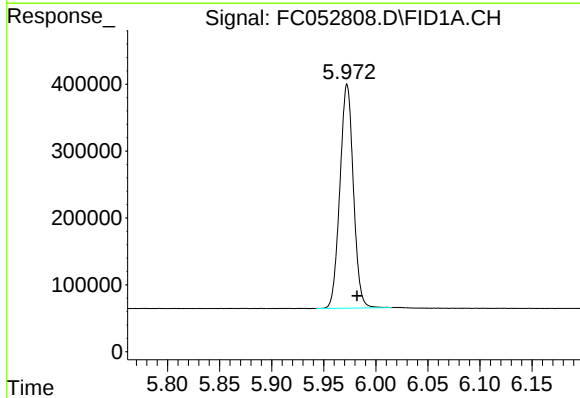
R.T.: 3.320 min  
Delta R.T.: -0.010 min  
Response: 2673495  
Conc: 23.02 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



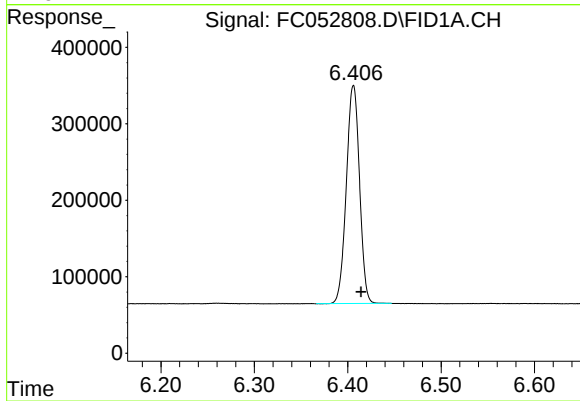
#2 n-Decane (C10)

R.T.: 4.387 min  
Delta R.T.: -0.009 min  
Response: 2743046  
Conc: 23.41 ug/ml



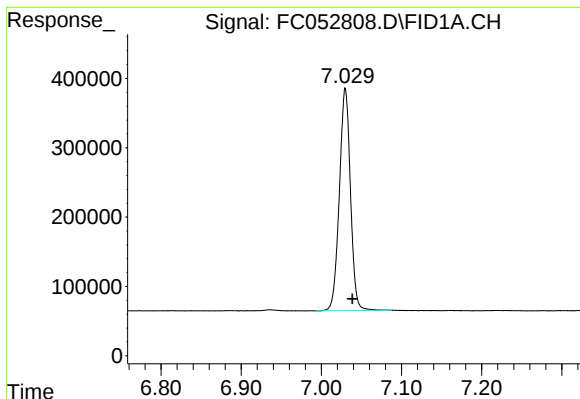
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min  
Delta R.T.: -0.010 min  
Response: 3017709  
Conc: 23.05 ug/ml



#4 n-Dodecane (C12)

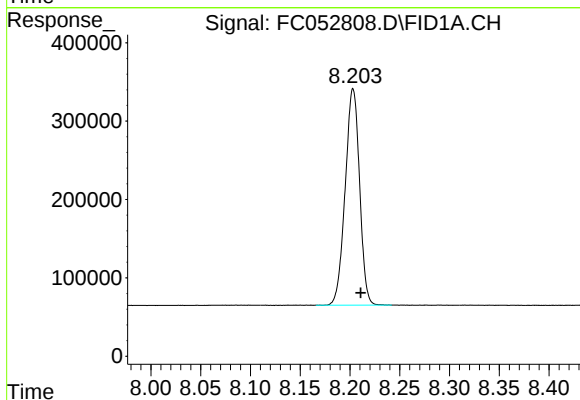
R.T.: 6.406 min  
Delta R.T.: -0.008 min  
Response: 2800119  
Conc: 23.32 ug/ml



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

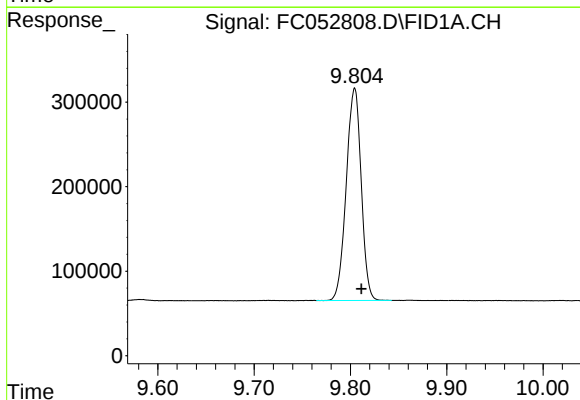
R.T.: 7.030 min  
Delta R.T.: -0.009 min  
Response: 3084715  
Conc: 23.04 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



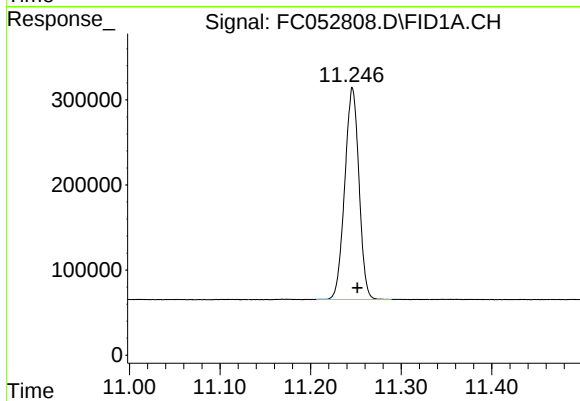
#6 n-Tetradecane (C14)

R.T.: 8.203 min  
Delta R.T.: -0.007 min  
Response: 2778302  
Conc: 22.97 ug/ml



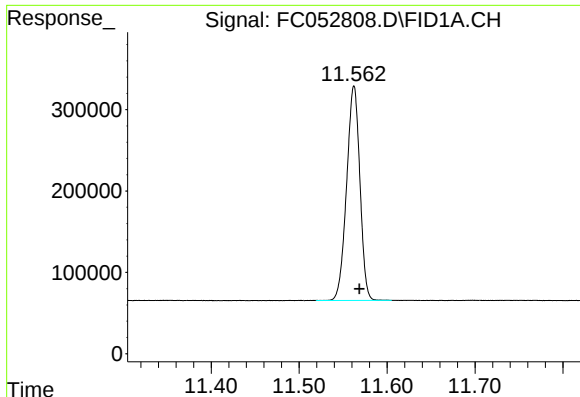
#7 n-Hexadecane (C16)

R.T.: 9.804 min  
Delta R.T.: -0.007 min  
Response: 2690411  
Conc: 22.37 ug/ml



#8 n-Octadecane (C18)

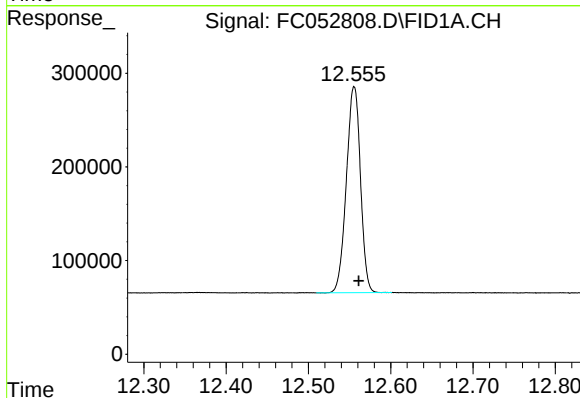
R.T.: 11.246 min  
Delta R.T.: -0.006 min  
Response: 2716570  
Conc: 21.53 ug/ml



#9 ortho-Terphenyl (SURR)

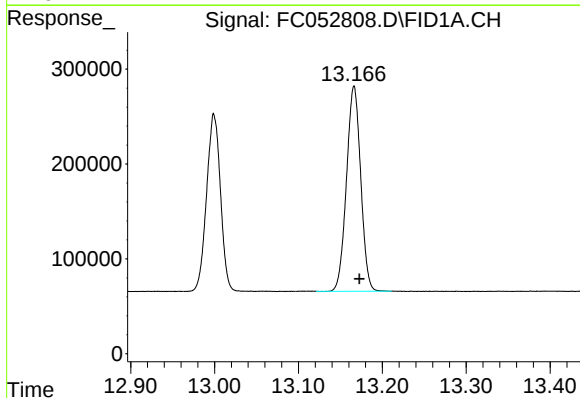
R.T.: 11.562 min  
Delta R.T.: -0.006 min  
Response: 2762418  
Conc: 20.61 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



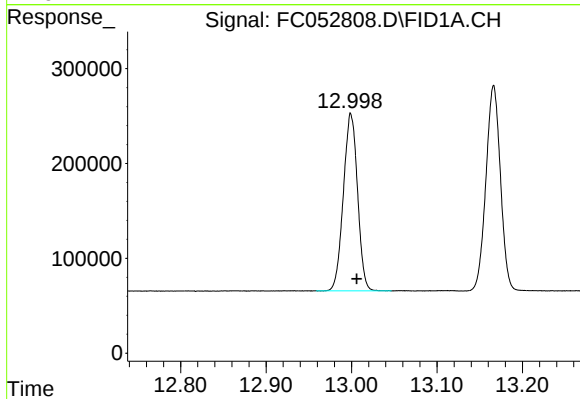
#10 n-Eicosane (C20)

R.T.: 12.556 min  
Delta R.T.: -0.005 min  
Response: 2619338  
Conc: 20.51 ug/ml



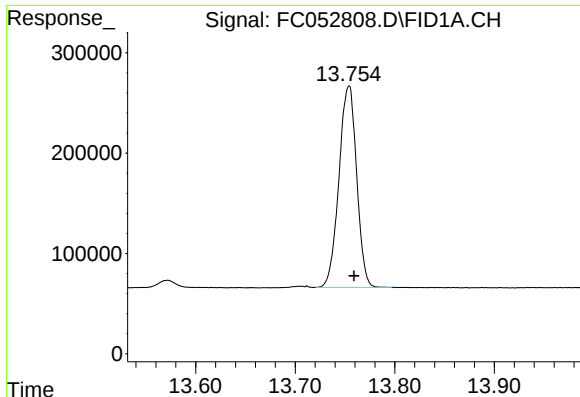
#11 n-Heneicosane (C21)

R.T.: 13.166 min  
Delta R.T.: -0.006 min  
Response: 2545243  
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

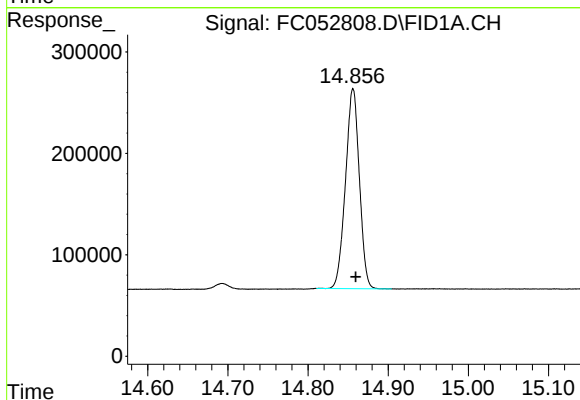
R.T.: 12.999 min  
Delta R.T.: -0.007 min  
Response: 2155512  
Conc: 19.98 ug/ml



#13 n-Docosane (C22)

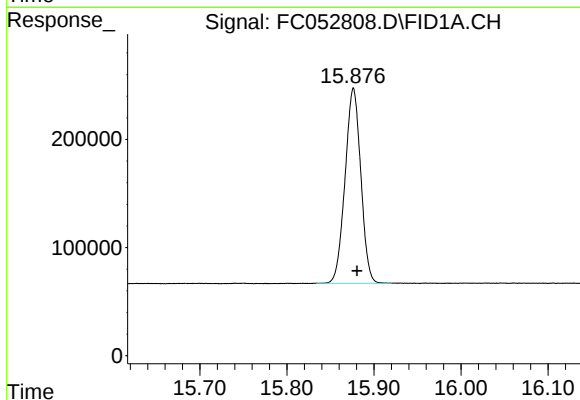
R.T.: 13.754 min  
Delta R.T.: -0.005 min  
Response: 2484939  
Conc: 19.62 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



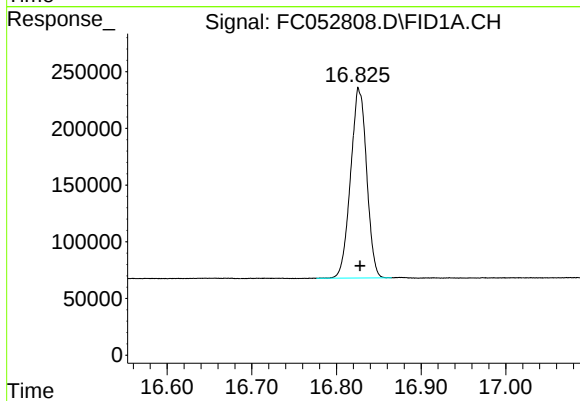
#14 n-Tetracosane (C24)

R.T.: 14.856 min  
Delta R.T.: -0.003 min  
Response: 2369455  
Conc: 18.97 ug/ml



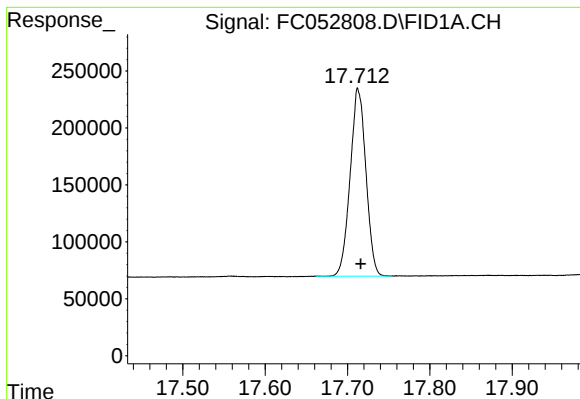
#15 n-Hexacosane (C26)

R.T.: 15.876 min  
Delta R.T.: -0.004 min  
Response: 2265610  
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

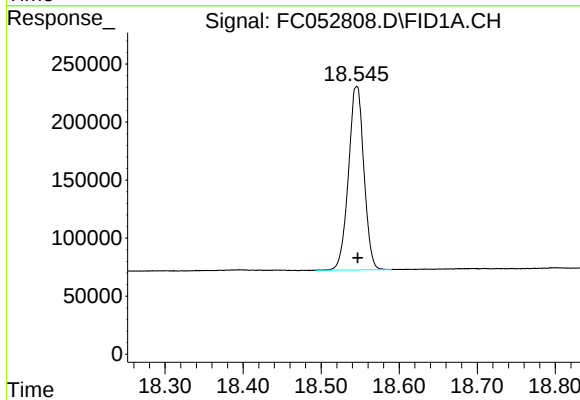
R.T.: 16.826 min  
Delta R.T.: -0.001 min  
Response: 2204064  
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

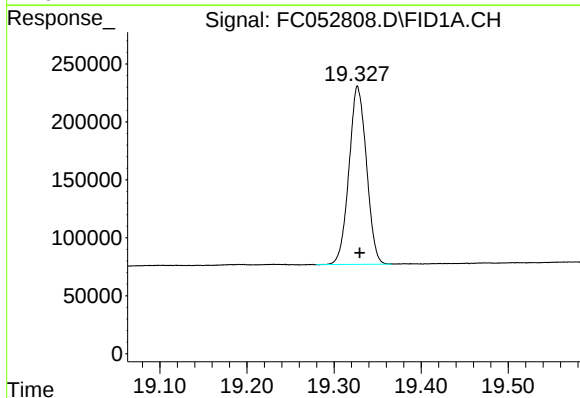
R.T.: 17.713 min  
Delta R.T.: -0.003 min  
Response: 2191312  
Conc: 20.11 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



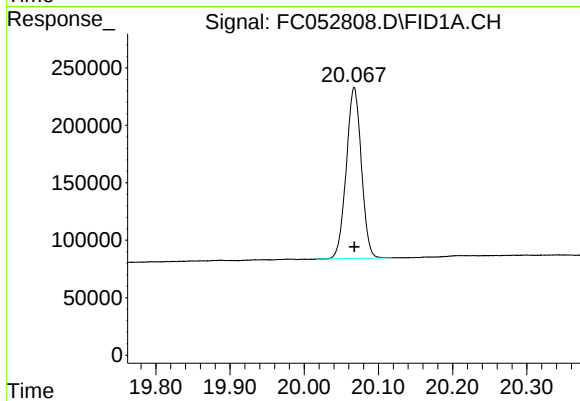
#18 n-Dotriacontane (C32)

R.T.: 18.546 min  
Delta R.T.: -0.002 min  
Response: 2168747  
Conc: 21.61 ug/ml



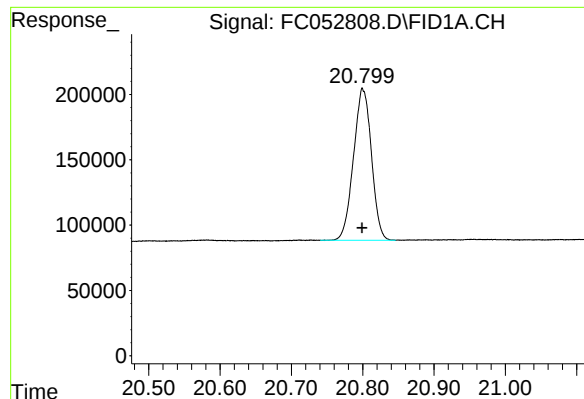
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min  
Delta R.T.: -0.002 min  
Response: 2138866  
Conc: 23.27 ug/ml



#20 n-Hexatriacontane (C36)

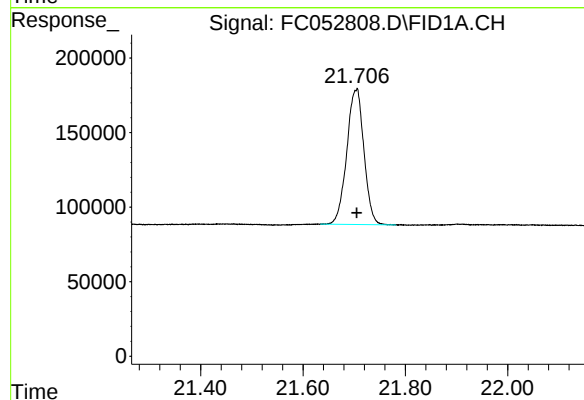
R.T.: 20.067 min  
Delta R.T.: 0.000 min  
Response: 2100029  
Conc: 23.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min  
Delta R.T.: 0.000 min  
Response: 2031479  
Conc: 24.89 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.706 min  
Delta R.T.: 0.000 min  
Response: 2109872  
Conc: 24.49 ug/ml