

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080720AL\  
 Data File : FC048908.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Aug 2020 19:49  
 Operator : DD\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 08 02:34:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080720.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 08 02:32:08 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)    | 11.672 | 562029     | 4.594 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.19%       |
| 12) S 1-chlorooctadecane (S... | 13.106 | 460053     | 4.590 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.18%       |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.409  | 494479     | 4.600 ug/ml |
| 2) T n-Decane (C10)            | 4.483  | 496553     | 4.592 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.080  | 559843     | 4.597 ug/ml |
| 4) T n-Dodecane (C12)          | 6.507  | 501536     | 4.590 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.137  | 566141     | 4.551 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.305  | 492856     | 4.531 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.907  | 496459     | 4.593 ug/ml |
| 8) T n-Octadecane (C18)        | 11.350 | 518664     | 4.577 ug/ml |
| 10) T n-Eicosane (C20)         | 12.660 | 526153     | 4.585 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.271 | 527623     | 4.586 ug/ml |
| 13) T n-Docosane (C22)         | 13.857 | 532406     | 4.601 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.958 | 536181     | 4.581 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.977 | 540064     | 4.590 ug/ml |
| 16) T n-Octacosane (C28)       | 16.925 | 552994     | 4.637 ug/ml |
| 17) T n-Tricontane (C30)       | 17.811 | 557935     | 4.719 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.642 | 528171     | 4.777 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.422 | 508422     | 4.778 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.160 | 490220     | 4.795 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.914 | 467598     | 4.785 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.860 | 469778     | 4.725 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

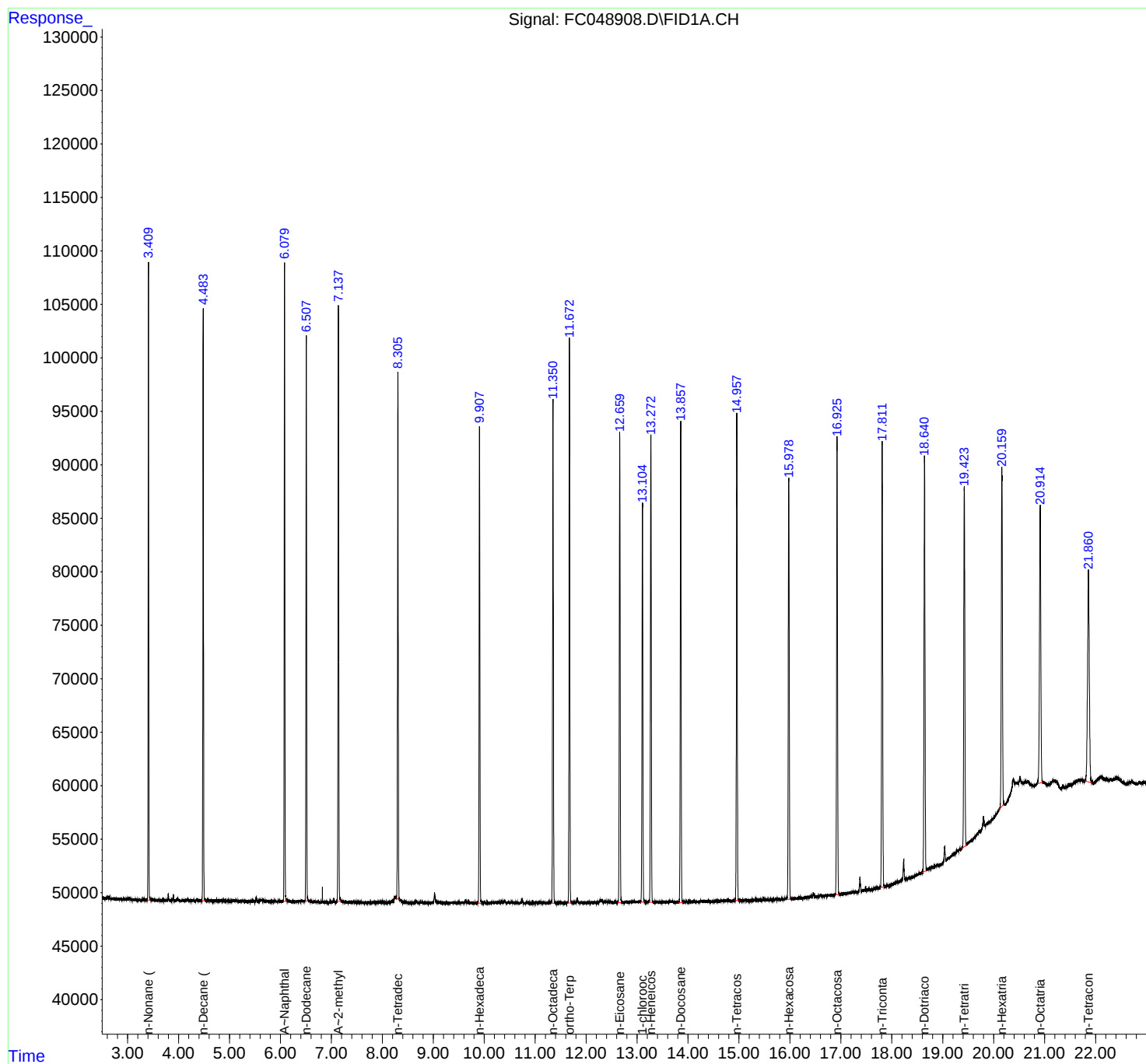
(m)=manual int.

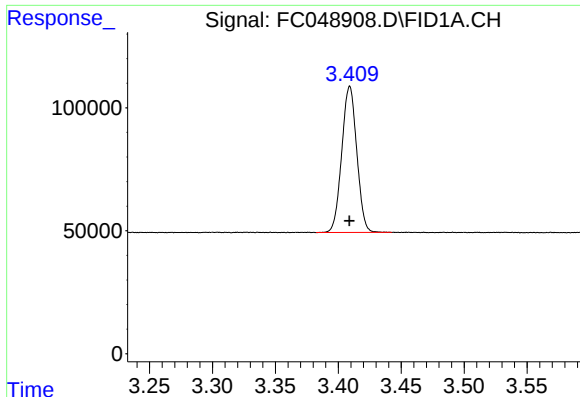
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080720AL\  
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Volume Inj. : 1 ul  
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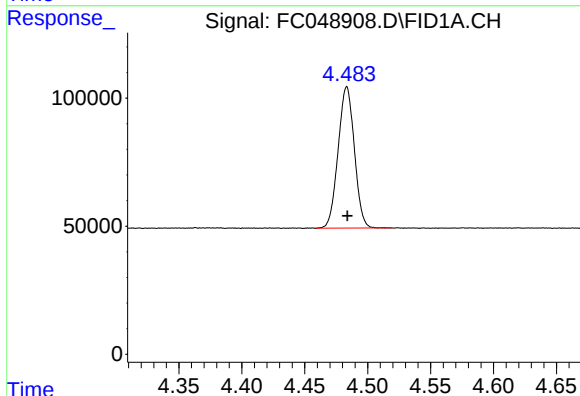




#1 n-Nonane (C9)

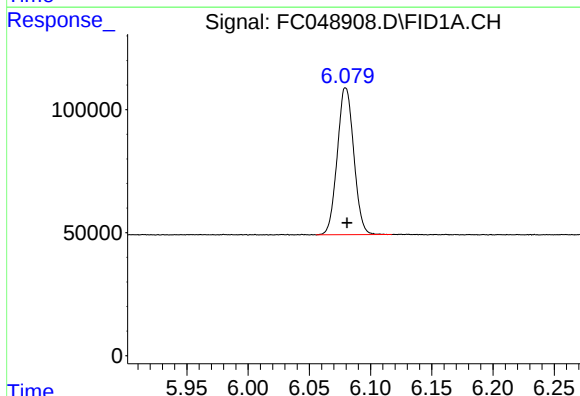
R.T.: 3.409 min  
Delta R.T.: 0.000 min  
Response: 494479  
Conc: 4.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



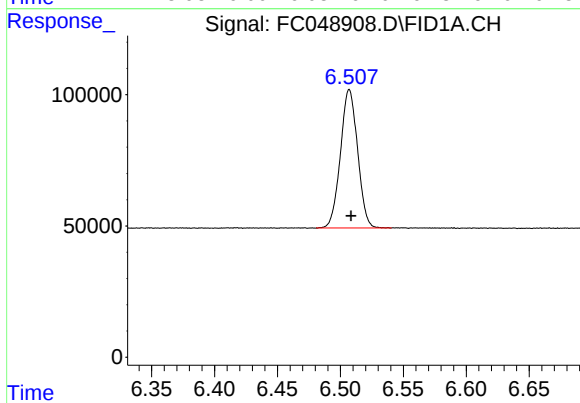
#2 n-Decane (C10)

R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 496553  
Conc: 4.59 ug/ml



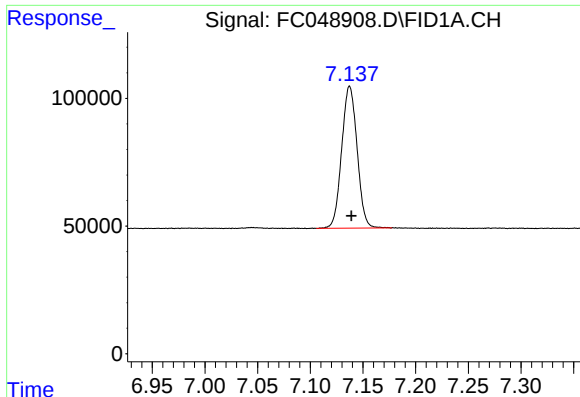
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 559843  
Conc: 4.60 ug/ml



#4 n-Dodecane (C12)

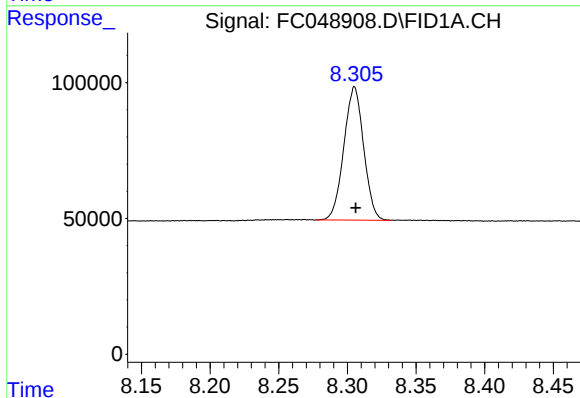
R.T.: 6.507 min  
Delta R.T.: -0.001 min  
Response: 501536  
Conc: 4.59 ug/ml



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

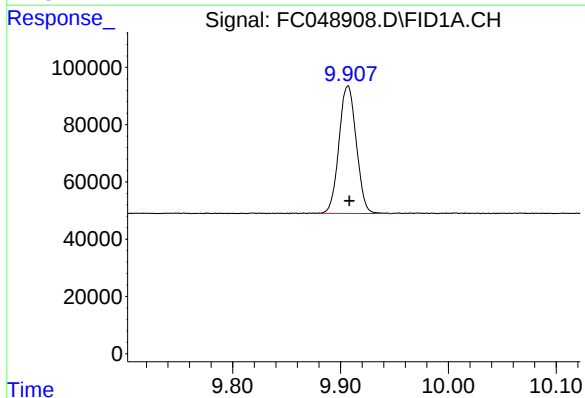
R.T.: 7.137 min  
Delta R.T.: -0.002 min  
Response: 566141  
Conc: 4.55 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



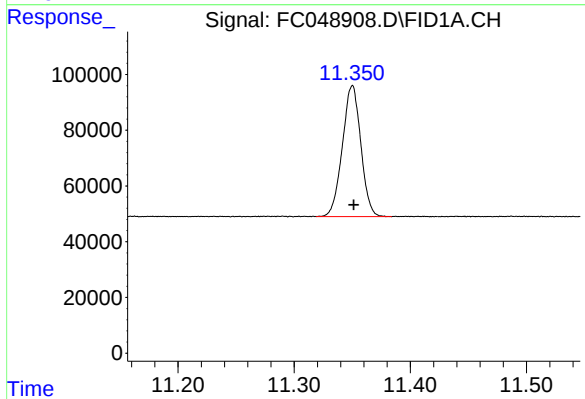
#6 n-Tetradecane (C14)

R.T.: 8.305 min  
Delta R.T.: 0.000 min  
Response: 492856  
Conc: 4.53 ug/ml



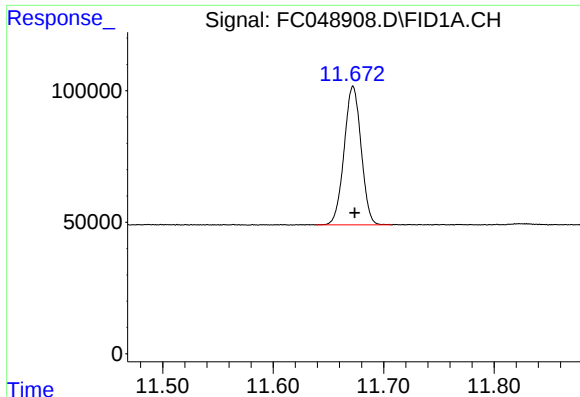
#7 n-Hexadecane (C16)

R.T.: 9.907 min  
Delta R.T.: -0.002 min  
Response: 496459  
Conc: 4.59 ug/ml



#8 n-Octadecane (C18)

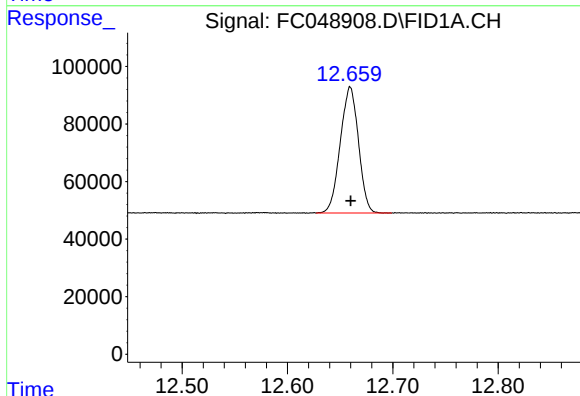
R.T.: 11.350 min  
Delta R.T.: -0.001 min  
Response: 518664  
Conc: 4.58 ug/ml



#9 ortho-Terphenyl (SURR)

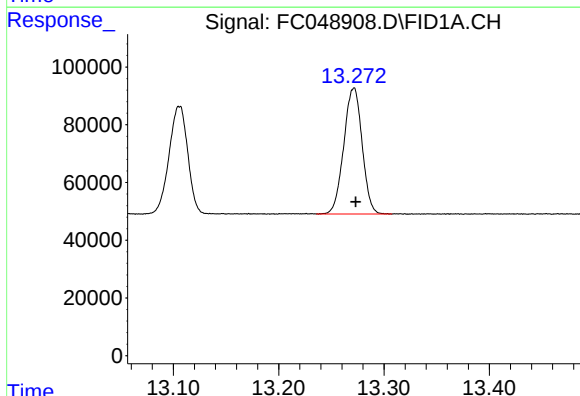
R.T.: 11.672 min  
Delta R.T.: -0.002 min  
Response: 562029  
Conc: 4.59 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



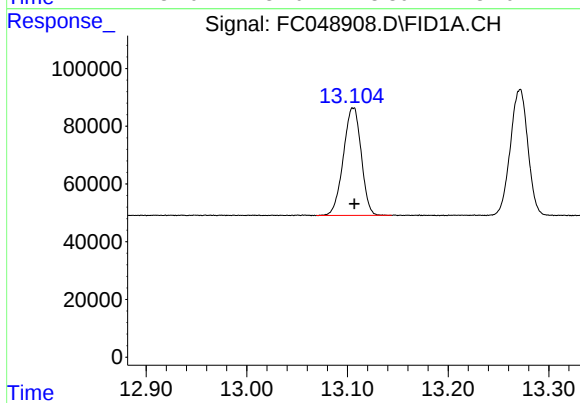
#10 n-Eicosane (C20)

R.T.: 12.660 min  
Delta R.T.: 0.000 min  
Response: 526153  
Conc: 4.59 ug/ml



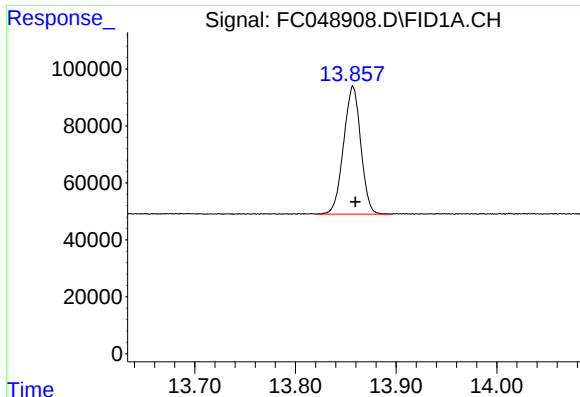
#11 n-Heneicosane (C21)

R.T.: 13.271 min  
Delta R.T.: -0.002 min  
Response: 527623  
Conc: 4.59 ug/ml



#12 1-chlorooctadecane (SURR)

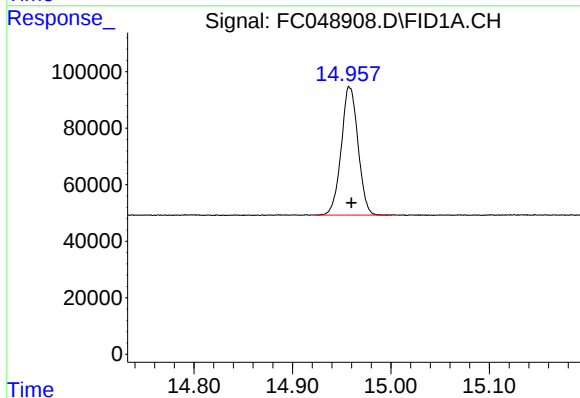
R.T.: 13.106 min  
Delta R.T.: 0.000 min  
Response: 460053  
Conc: 4.59 ug/ml



#13 n-Docosane (C22)

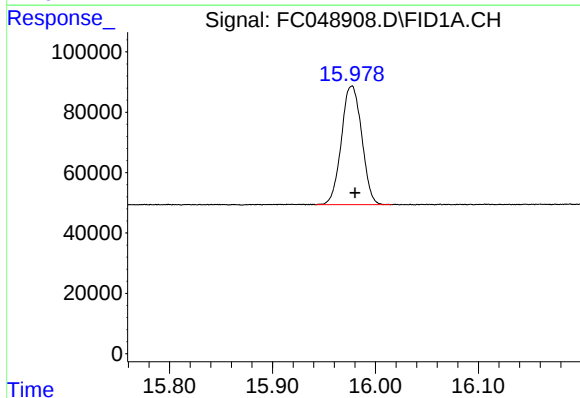
R.T.: 13.857 min  
Delta R.T.: -0.002 min  
Response: 532406  
Conc: 4.60 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



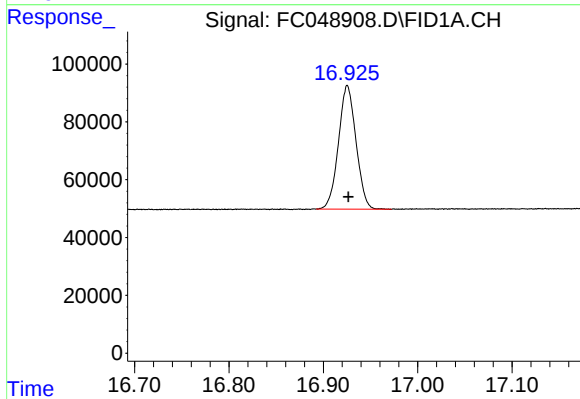
#14 n-Tetracosane (C24)

R.T.: 14.958 min  
Delta R.T.: -0.002 min  
Response: 536181  
Conc: 4.58 ug/ml



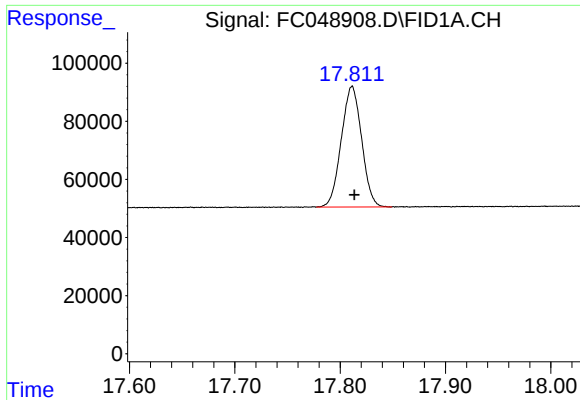
#15 n-Hexacosane (C26)

R.T.: 15.977 min  
Delta R.T.: -0.003 min  
Response: 540064  
Conc: 4.59 ug/ml



#16 n-Octacosane (C28)

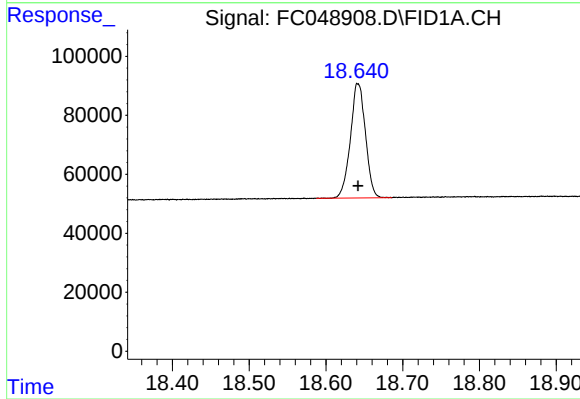
R.T.: 16.925 min  
Delta R.T.: -0.001 min  
Response: 552994  
Conc: 4.64 ug/ml



#17 n-Tricontane (C30)

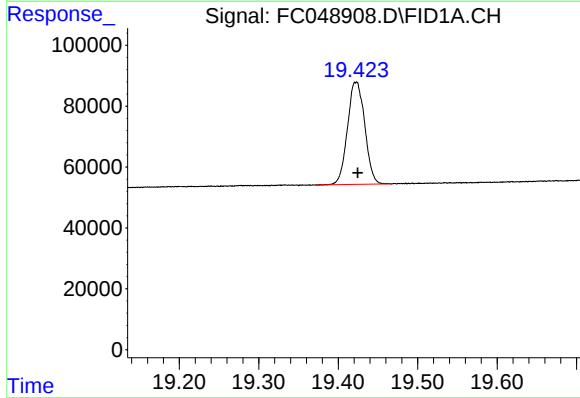
R.T.: 17.811 min  
Delta R.T.: -0.002 min  
Response: 557935  
Conc: 4.72 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



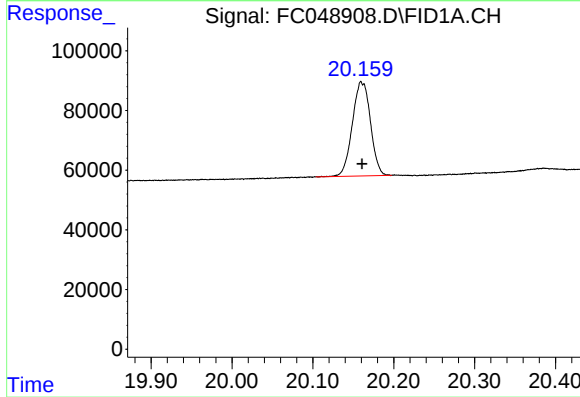
#18 n-Dotriacontane (C32)

R.T.: 18.642 min  
Delta R.T.: 0.000 min  
Response: 528171  
Conc: 4.78 ug/ml



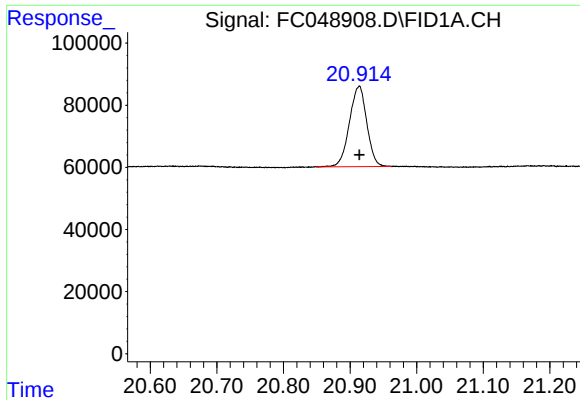
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min  
Delta R.T.: -0.002 min  
Response: 508422  
Conc: 4.78 ug/ml



#20 n-Hexatriacontane (C36)

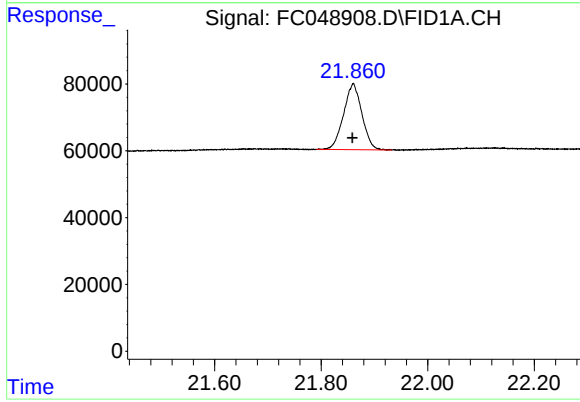
R.T.: 20.160 min  
Delta R.T.: -0.001 min  
Response: 490220  
Conc: 4.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min  
Delta R.T.: 0.000 min  
Response: 467598  
Conc: 4.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.860 min  
Delta R.T.: 0.002 min  
Response: 469778  
Conc: 4.73 ug/ml