

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080320AL\  
 Data File : FC048864.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Aug 2020 11:28  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 04 11:57:01 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 03:03:00 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)    | 11.674 | 2508042    | 18.274 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.55%       |
| 12) S 1-chlorooctadecane (S... | 13.108 | 2019089    | 17.918 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.409  | 2455084    | 20.596 ug/ml |
| 2) T n-Decane (C10)            | 4.483  | 2486648    | 20.659 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.078  | 2745296    | 20.400 ug/ml |
| 4) T n-Dodecane (C12)          | 6.507  | 2529455    | 20.675 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.137  | 2782644    | 20.189 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.305  | 2513811    | 20.407 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.909  | 2443599    | 19.962 ug/ml |
| 8) T n-Octadecane (C18)        | 11.351 | 2470318    | 19.302 ug/ml |
| 10) T n-Eicosane (C20)         | 12.661 | 2405806    | 18.601 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.273 | 2356097    | 18.176 ug/ml |
| 13) T n-Docosane (C22)         | 13.859 | 2310511    | 17.796 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.963 | 2219343    | 16.931 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.983 | 2125897    | 16.349 ug/ml |
| 16) T n-Octacosane (C28)       | 16.931 | 2084043    | 15.949 ug/ml |
| 17) T n-Tricontane (C30)       | 17.819 | 2021145    | 15.722 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.648 | 1863040    | 15.770 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.428 | 1775058    | 15.902 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.165 | 1712931    | 16.287 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.921 | 1659098    | 16.900 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.868 | 1700960    | 17.504 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

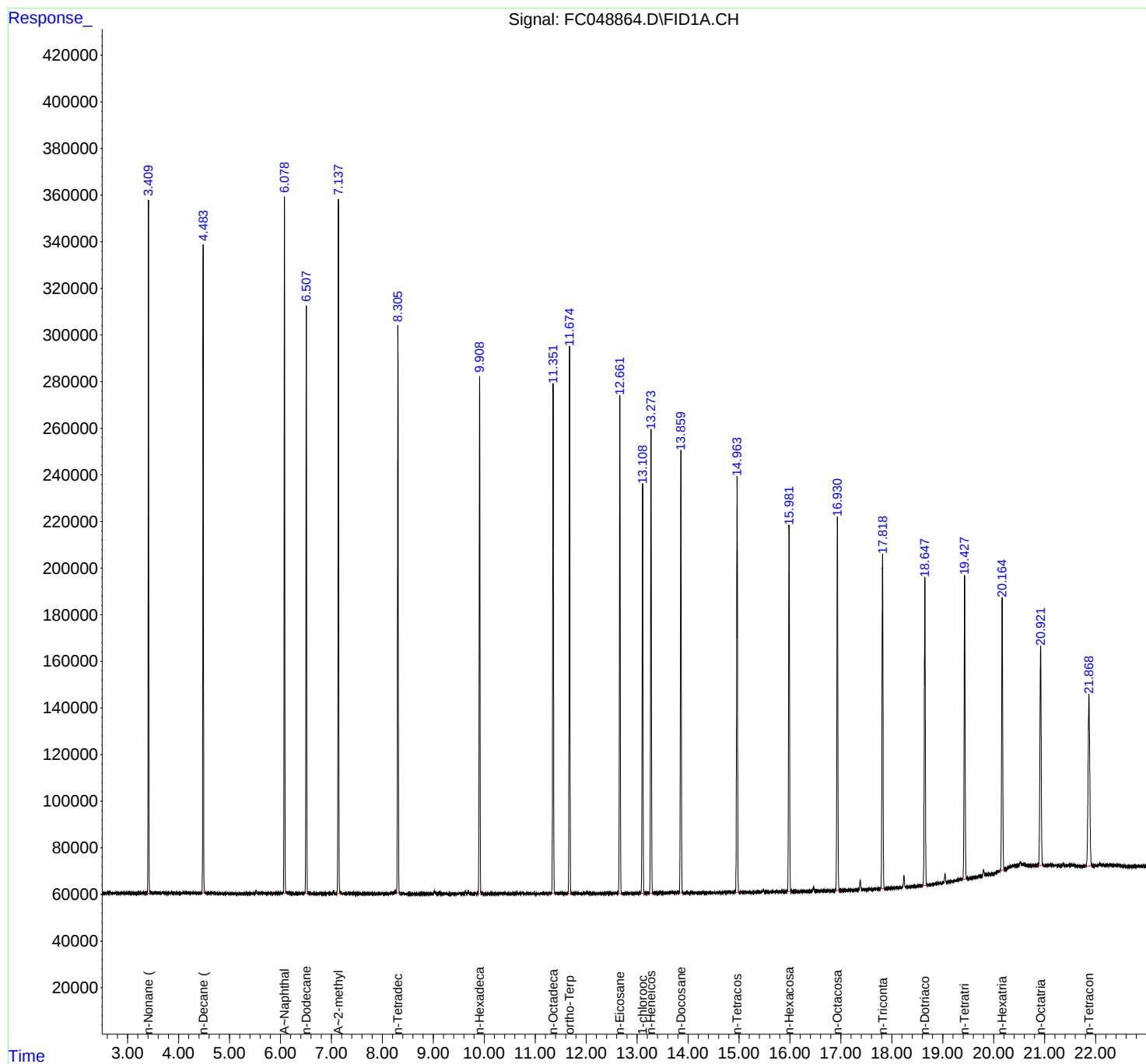
(m)=manual int.

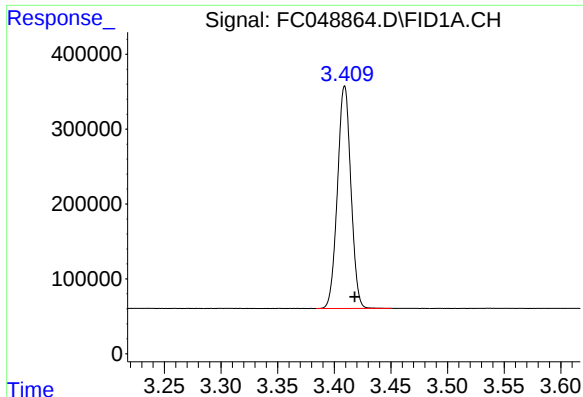
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080320AL\  
Data File : FC048864.D  
Signal(s) : FID1A.CH  
Acq On : 04 Aug 2020 11:28  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampled :

Integration File: autoint1.e  
Quant Time: Aug 04 11:57:01 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 070820.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 08 03:03:00 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

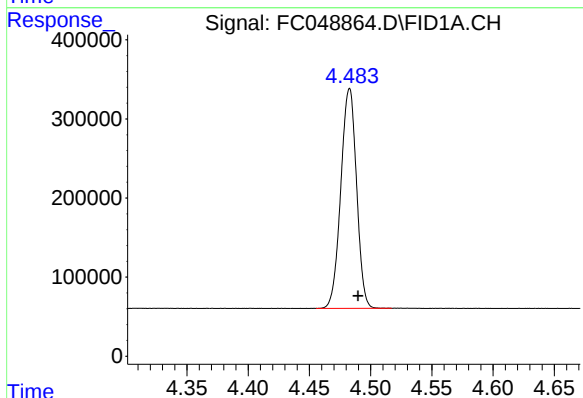




#1 n-Nonane (C9)

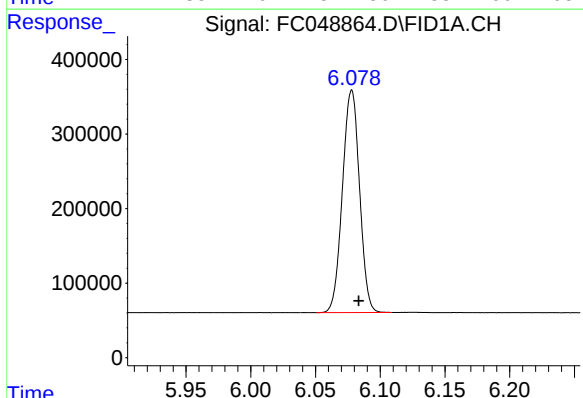
R.T.: 3.409 min  
Delta R.T.: -0.009 min  
Response: 2455084  
Conc: 20.60 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



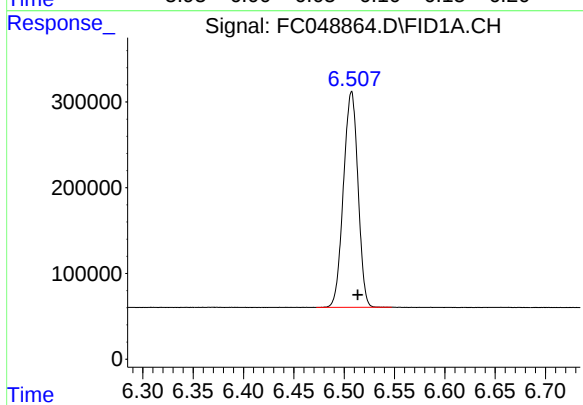
#2 n-Decane (C10)

R.T.: 4.483 min  
Delta R.T.: -0.007 min  
Response: 2486648  
Conc: 20.66 ug/ml



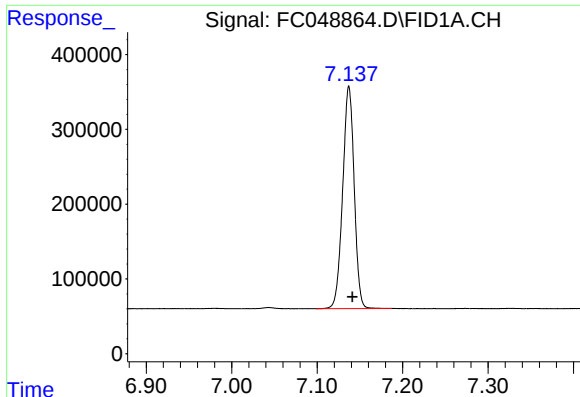
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min  
Delta R.T.: -0.005 min  
Response: 2745296  
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

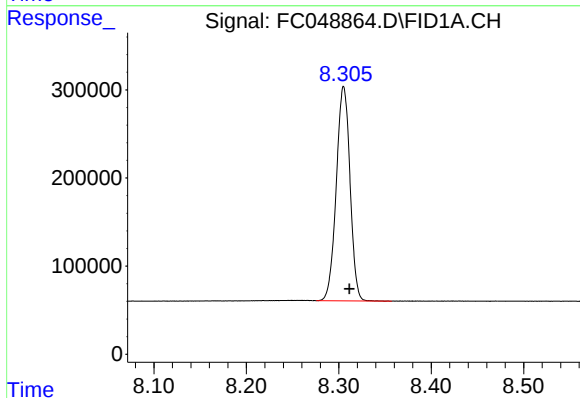
R.T.: 6.507 min  
Delta R.T.: -0.006 min  
Response: 2529455  
Conc: 20.68 ug/ml



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

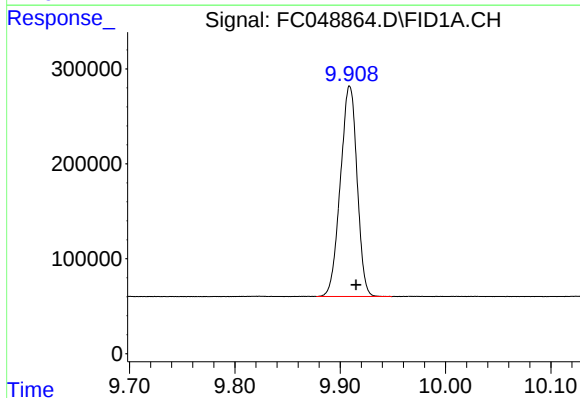
R.T.: 7.137 min  
Delta R.T.: -0.004 min  
Response: 2782644  
Conc: 20.19 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



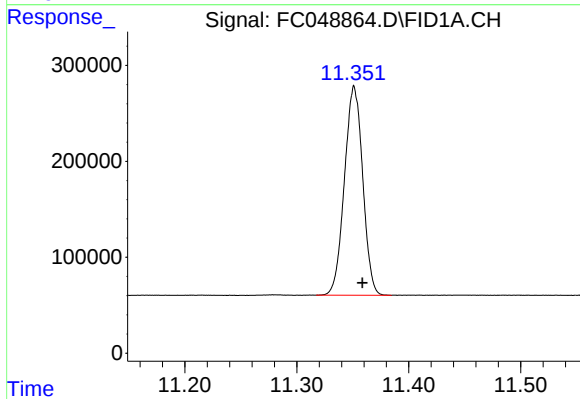
#6 n-Tetradecane (C14)

R.T.: 8.305 min  
Delta R.T.: -0.006 min  
Response: 2513811  
Conc: 20.41 ug/ml



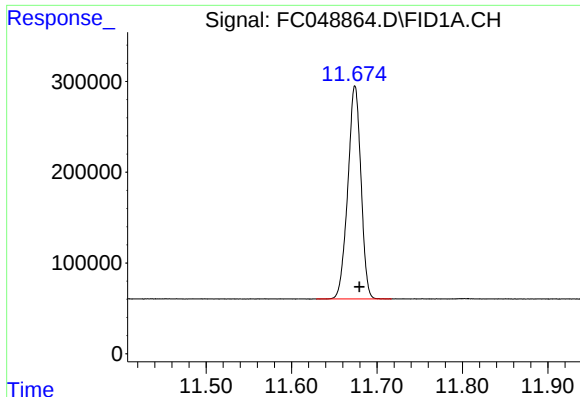
#7 n-Hexadecane (C16)

R.T.: 9.909 min  
Delta R.T.: -0.006 min  
Response: 2443599  
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

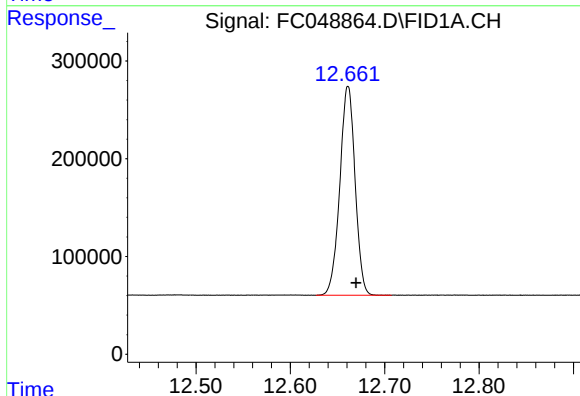
R.T.: 11.351 min  
Delta R.T.: -0.007 min  
Response: 2470318  
Conc: 19.30 ug/ml



#9 ortho-Terphenyl (SURR)

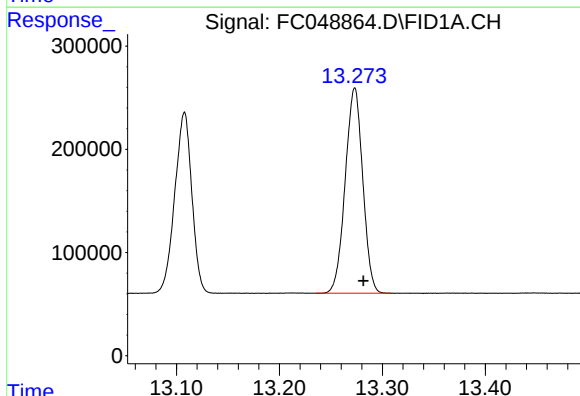
R.T.: 11.674 min  
Delta R.T.: -0.005 min  
Response: 2508042  
Conc: 18.27 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



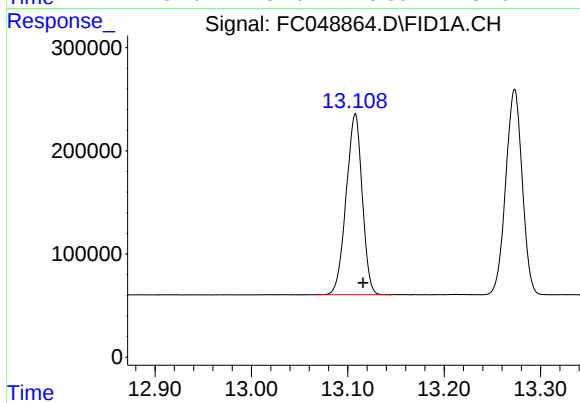
#10 n-Eicosane (C20)

R.T.: 12.661 min  
Delta R.T.: -0.008 min  
Response: 2405806  
Conc: 18.60 ug/ml



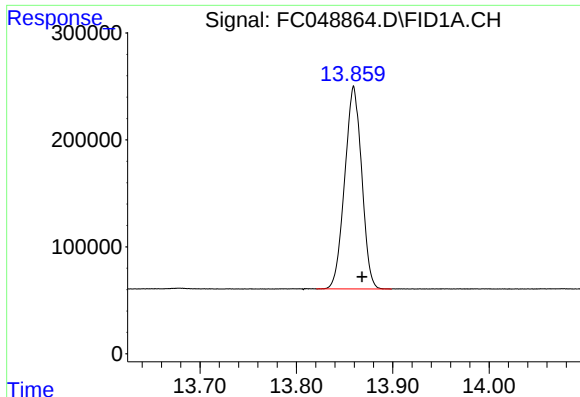
#11 n-Heneicosane (C21)

R.T.: 13.273 min  
Delta R.T.: -0.008 min  
Response: 2356097  
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

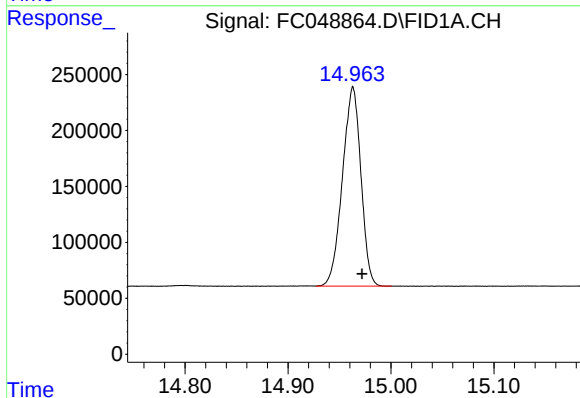
R.T.: 13.108 min  
Delta R.T.: -0.008 min  
Response: 2019089  
Conc: 17.92 ug/ml



#13 n-Docosane (C22)

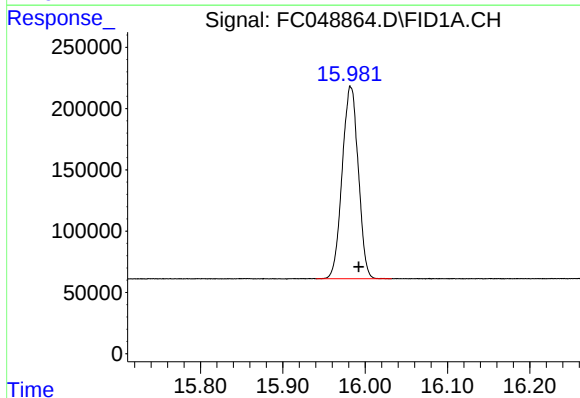
R.T.: 13.859 min  
Delta R.T.: -0.009 min  
Response: 2310511  
Conc: 17.80 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



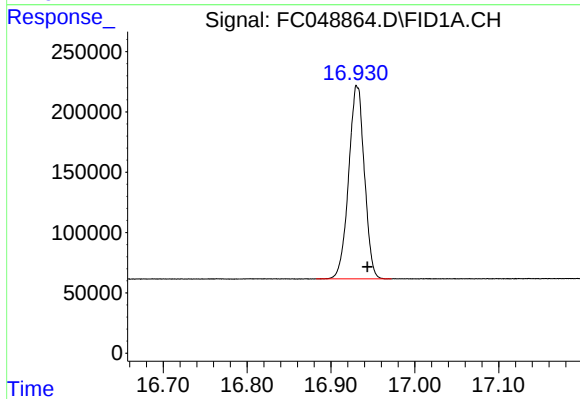
#14 n-Tetracosane (C24)

R.T.: 14.963 min  
Delta R.T.: -0.009 min  
Response: 2219343  
Conc: 16.93 ug/ml



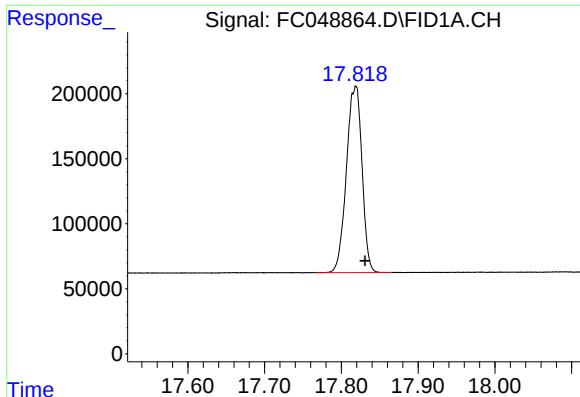
#15 n-Hexacosane (C26)

R.T.: 15.983 min  
Delta R.T.: -0.010 min  
Response: 2125897  
Conc: 16.35 ug/ml



#16 n-Octacosane (C28)

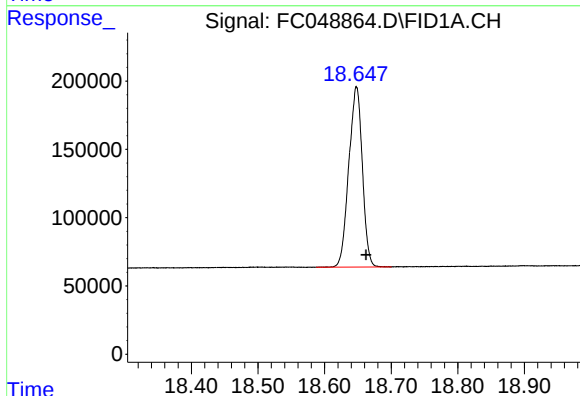
R.T.: 16.931 min  
Delta R.T.: -0.012 min  
Response: 2084043  
Conc: 15.95 ug/ml



#17 n-Tricontane (C30)

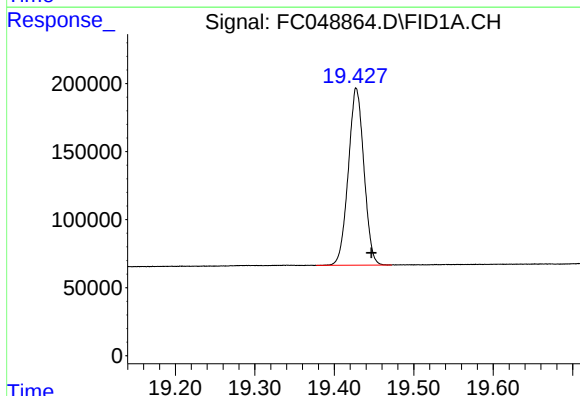
R.T.: 17.819 min  
Delta R.T.: -0.012 min  
Response: 2021145  
Conc: 15.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



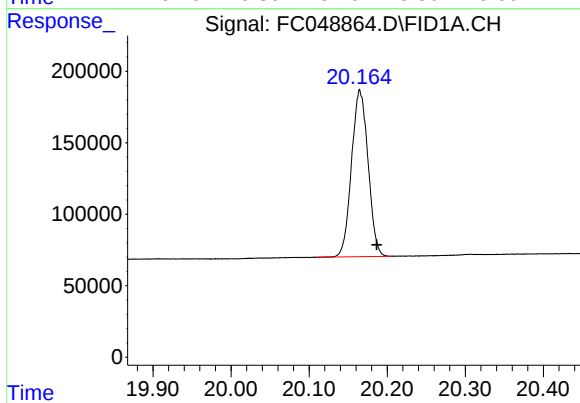
#18 n-Dotriacontane (C32)

R.T.: 18.648 min  
Delta R.T.: -0.015 min  
Response: 1863040  
Conc: 15.77 ug/ml



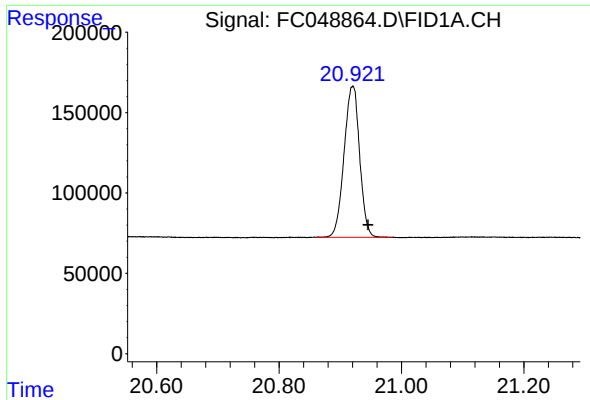
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min  
Delta R.T.: -0.019 min  
Response: 1775058  
Conc: 15.90 ug/ml



#20 n-Hexatriacontane (C36)

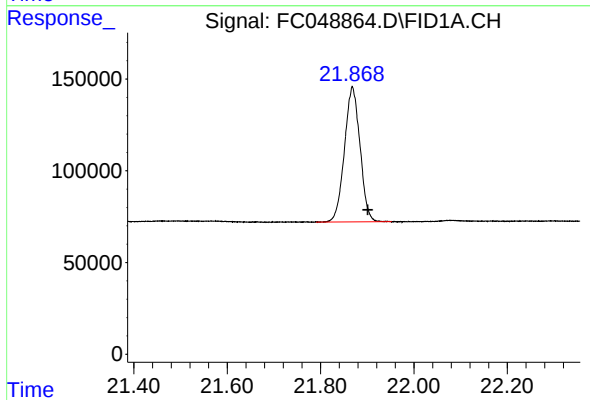
R.T.: 20.165 min  
Delta R.T.: -0.022 min  
Response: 1712931  
Conc: 16.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min  
Delta R.T.: -0.025 min  
Response: 1659098  
Conc: 16.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.868 min  
Delta R.T.: -0.033 min  
Response: 1700960  
Conc: 17.50 ug/ml