

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102122AL\  
 Data File : FC061876.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Oct 2022 21:29  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 22 14:46:35 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 17 23:26:31 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.579 | 3015403    | 20.286 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.57%       |
| 12) S 1-chlorooctadecane (S... | 13.016 | 2393487    | 20.545 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.344  | 2727367    | 19.390 ug/ml |
| 2) T n-Decane (C10)            | 4.409  | 2771676    | 19.417 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.993  | 3025204    | 19.599 ug/ml |
| 4) T n-Dodecane (C12)          | 6.424  | 2824110    | 19.454 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.048  | 2977317    | 19.627 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.220  | 2855210    | 19.642 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.821  | 2896490    | 19.890 ug/ml |
| 8) T n-Octadecane (C18)        | 11.263 | 2908198    | 20.120 ug/ml |
| 10) T n-Eicosane (C20)         | 12.572 | 2866274    | 20.308 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.184 | 2838429    | 20.456 ug/ml |
| 13) T n-Docosane (C22)         | 13.771 | 2800312    | 20.427 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.872 | 2682953    | 20.305 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.893 | 2555225    | 20.279 ug/ml |
| 16) T n-Octacosane (C28)       | 16.842 | 2421451    | 20.077 ug/ml |
| 17) T n-Tricontane (C30)       | 17.729 | 2427355    | 20.401 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.562 | 2386726    | 20.257 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.345 | 2241226    | 19.838 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.083 | 2241433    | 19.764 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.820 | 2173300    | 19.315 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.733 | 2151987    | 19.168 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

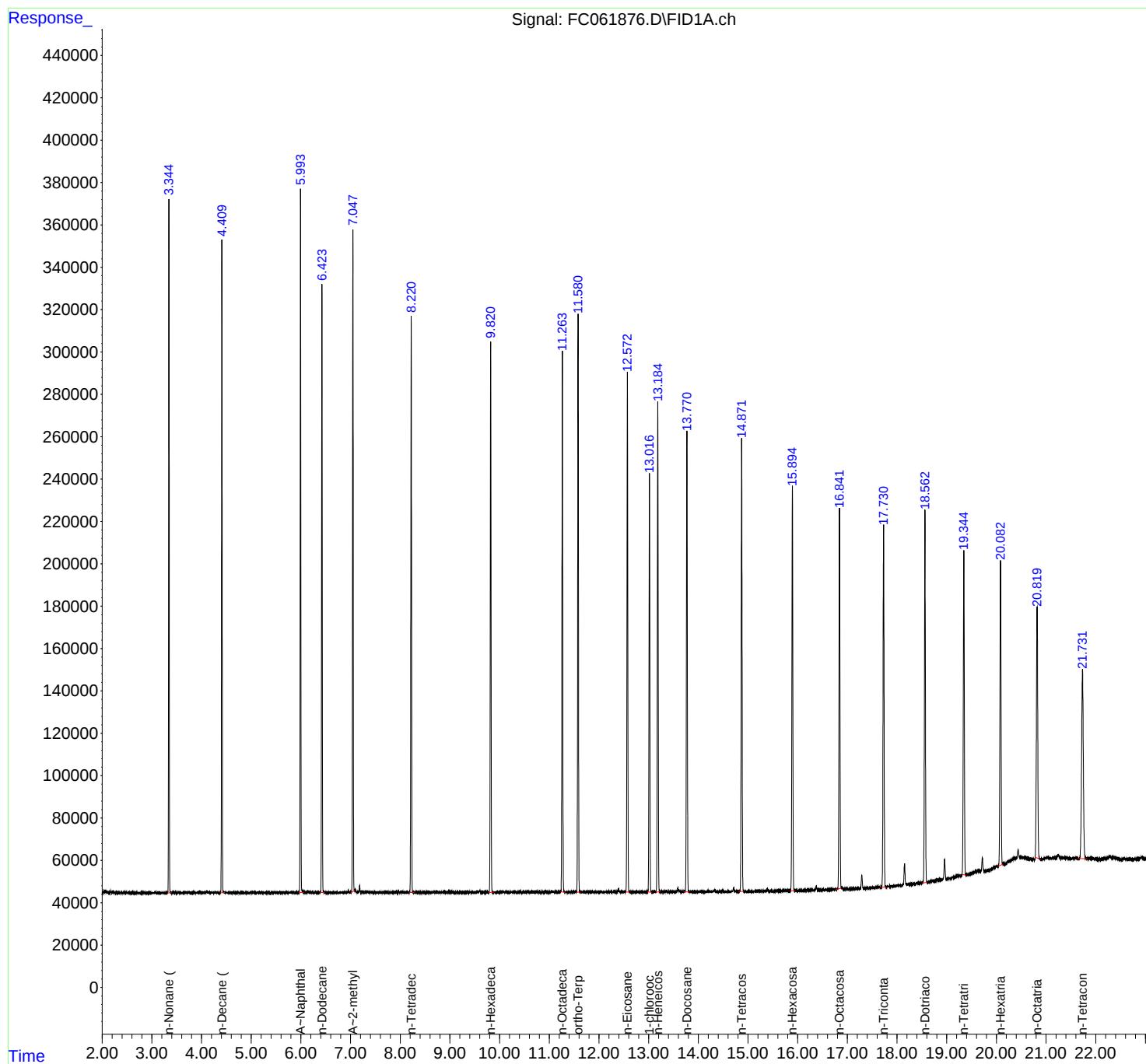
(m)=manual int.

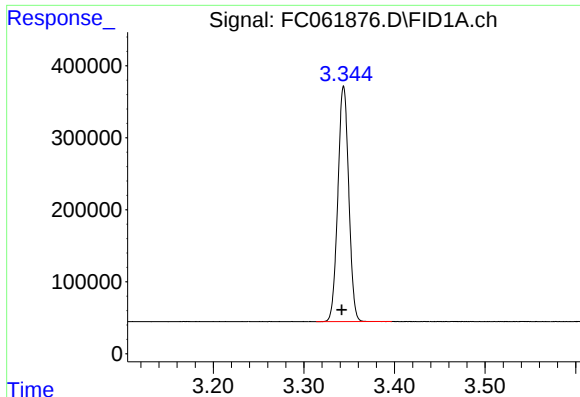
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102122AL\  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101722.M  
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QLast Update : Mon Oct 17 23:26:31 2022  
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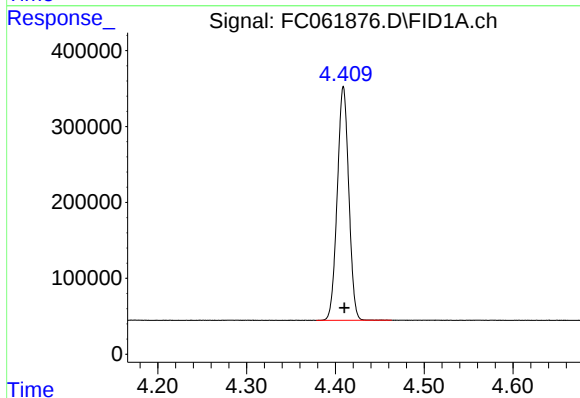




#1 n-Nonane (C9)

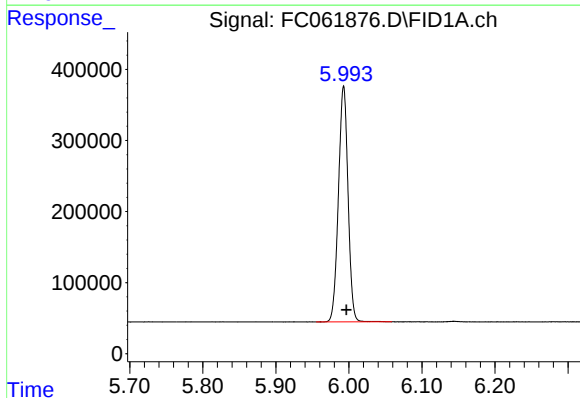
R.T.: 3.344 min  
Delta R.T.: 0.002 min  
Response: 2727367  
Conc: 19.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



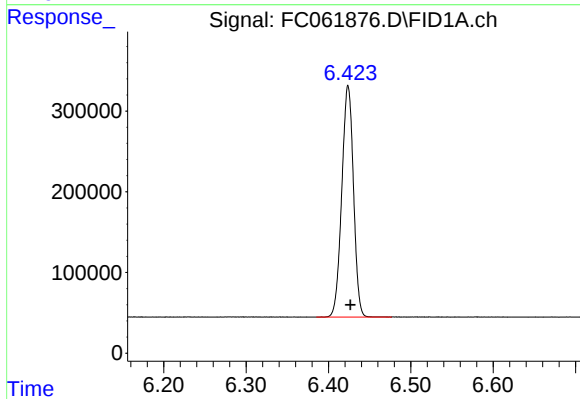
#2 n-Decane (C10)

R.T.: 4.409 min  
Delta R.T.: -0.001 min  
Response: 2771676  
Conc: 19.42 ug/ml



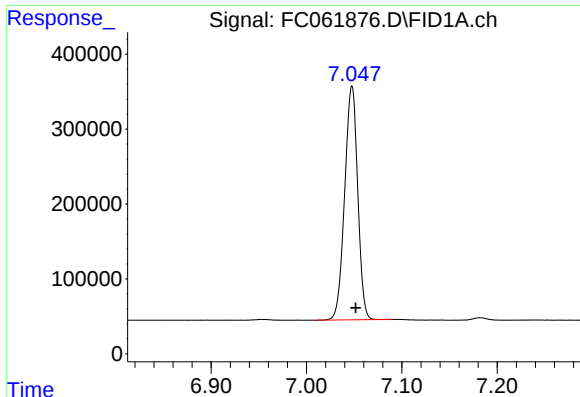
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min  
Delta R.T.: -0.004 min  
Response: 3025204  
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

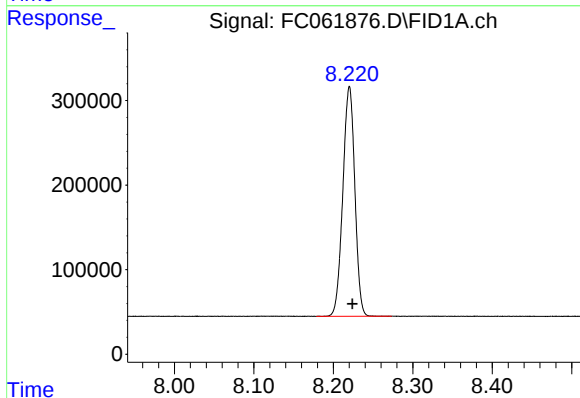
R.T.: 6.424 min  
Delta R.T.: -0.003 min  
Response: 2824110  
Conc: 19.45 ug/ml



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

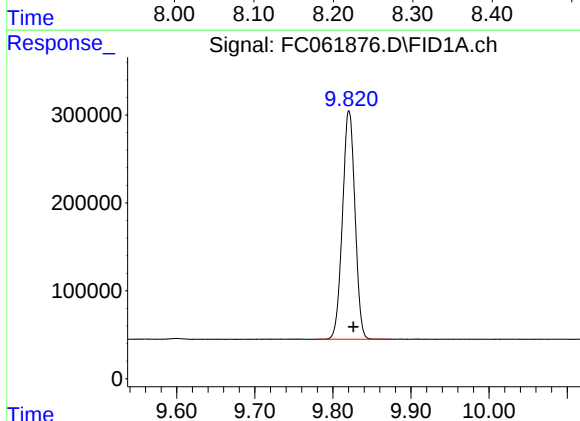
R.T.: 7.048 min  
Delta R.T.: -0.004 min  
Response: 2977317  
Conc: 19.63 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



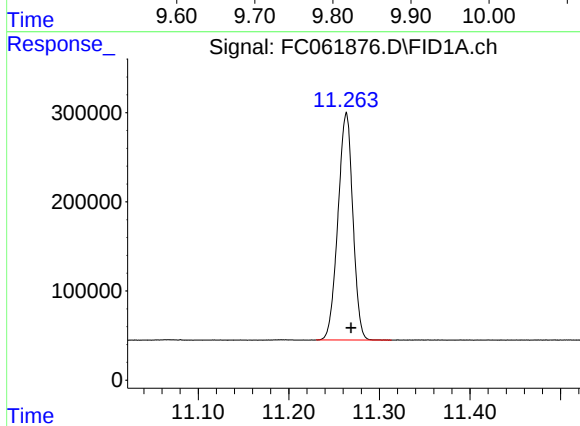
#6 n-Tetradecane (C14)

R.T.: 8.220 min  
Delta R.T.: -0.004 min  
Response: 2855210  
Conc: 19.64 ug/ml



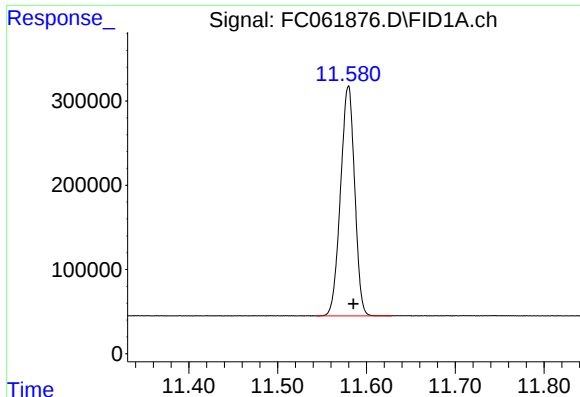
#7 n-Hexadecane (C16)

R.T.: 9.821 min  
Delta R.T.: -0.005 min  
Response: 2896490  
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

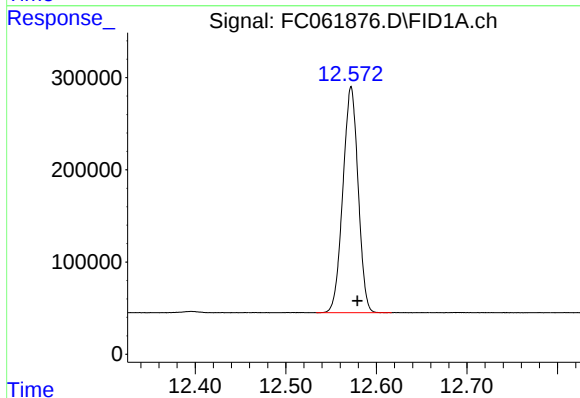
R.T.: 11.263 min  
Delta R.T.: -0.006 min  
Response: 2908198  
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

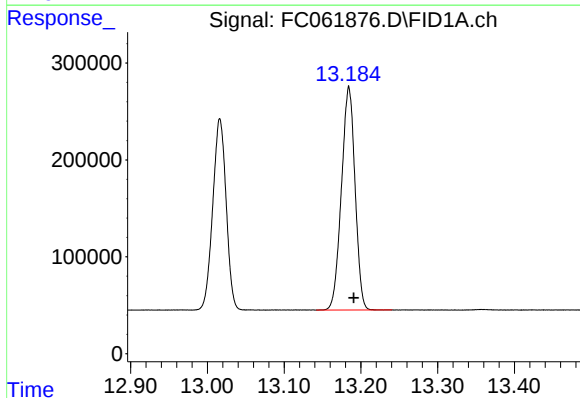
R.T.: 11.579 min  
Delta R.T.: -0.006 min  
Response: 3015403  
Conc: 20.29 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



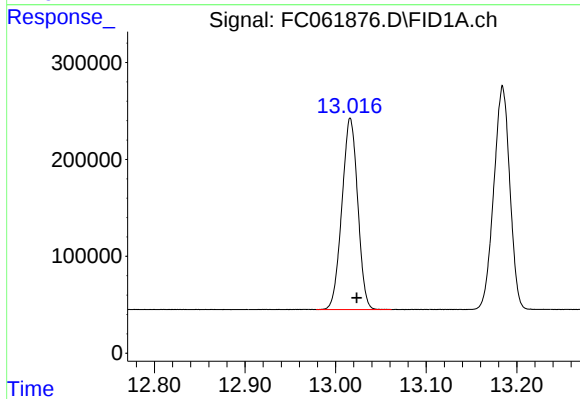
#10 n-Eicosane (C20)

R.T.: 12.572 min  
Delta R.T.: -0.007 min  
Response: 2866274  
Conc: 20.31 ug/ml



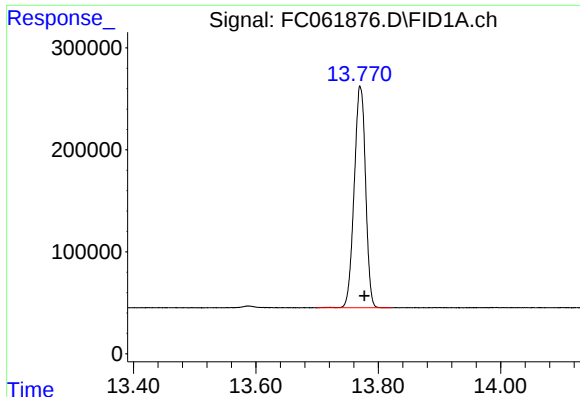
#11 n-Heneicosane (C21)

R.T.: 13.184 min  
Delta R.T.: -0.007 min  
Response: 2838429  
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

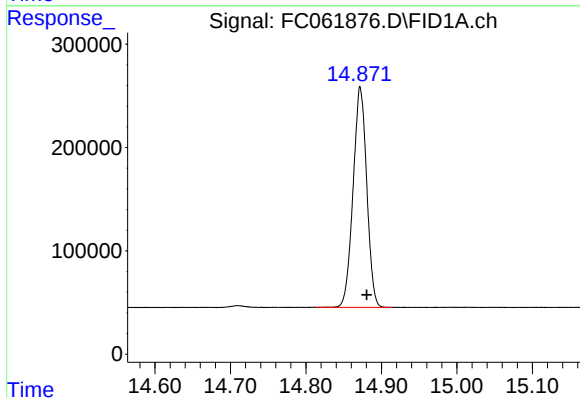
R.T.: 13.016 min  
Delta R.T.: -0.007 min  
Response: 2393487  
Conc: 20.54 ug/ml



#13 n-Docosane (C22)

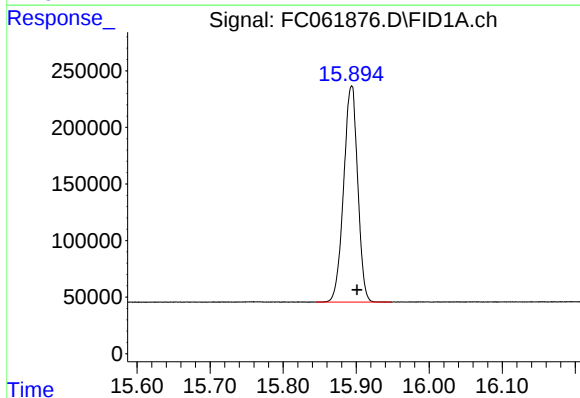
R.T.: 13.771 min  
Delta R.T.: -0.007 min  
Response: 2800312  
Conc: 20.43 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



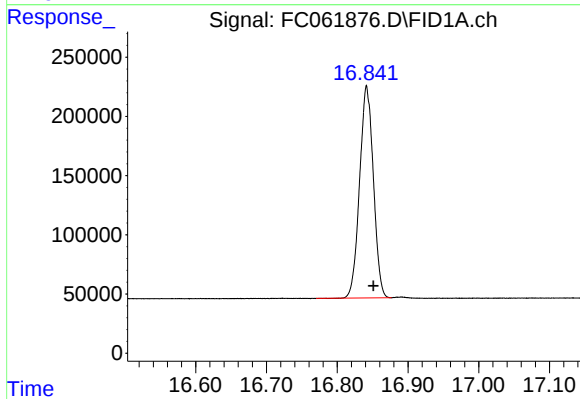
#14 n-Tetracosane (C24)

R.T.: 14.872 min  
Delta R.T.: -0.008 min  
Response: 2682953  
Conc: 20.31 ug/ml



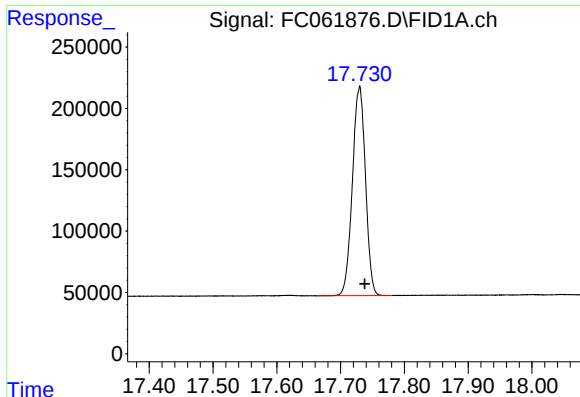
#15 n-Hexacosane (C26)

R.T.: 15.893 min  
Delta R.T.: -0.008 min  
Response: 2555225  
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

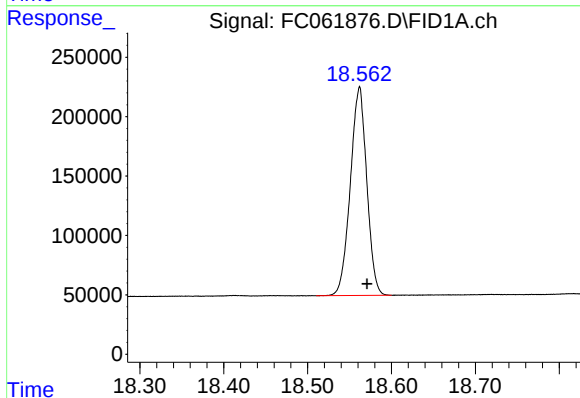
R.T.: 16.842 min  
Delta R.T.: -0.009 min  
Response: 2421451  
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

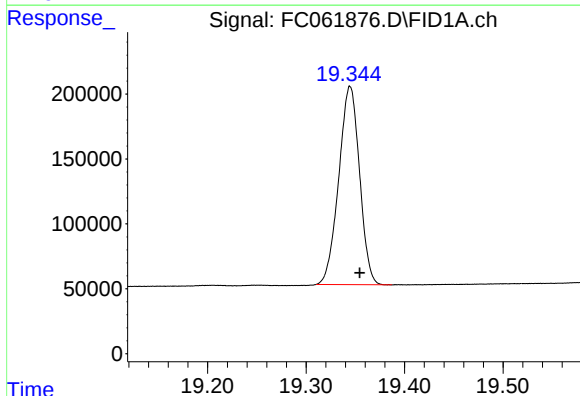
R.T.: 17.729 min  
Delta R.T.: -0.009 min  
Response: 2427355  
Conc: 20.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



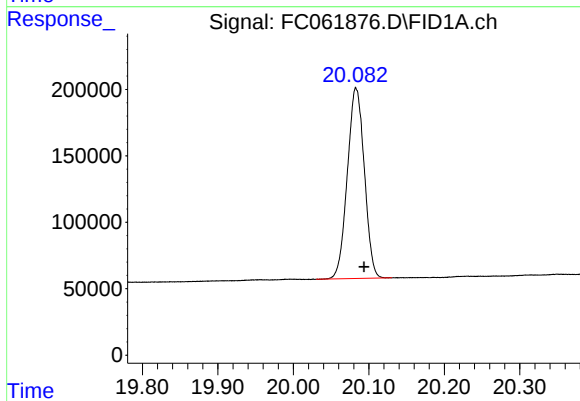
#18 n-Dotriacontane (C32)

R.T.: 18.562 min  
Delta R.T.: -0.009 min  
Response: 2386726  
Conc: 20.26 ug/ml



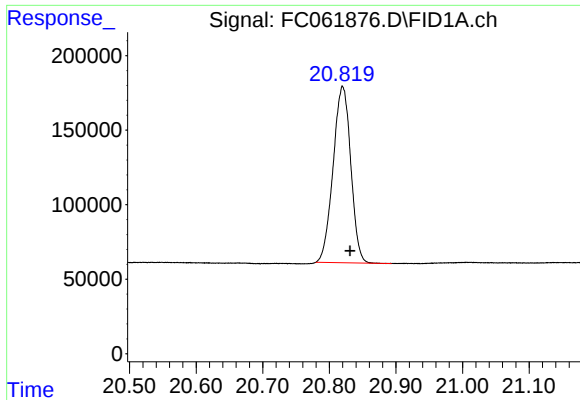
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min  
Delta R.T.: -0.010 min  
Response: 2241226  
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

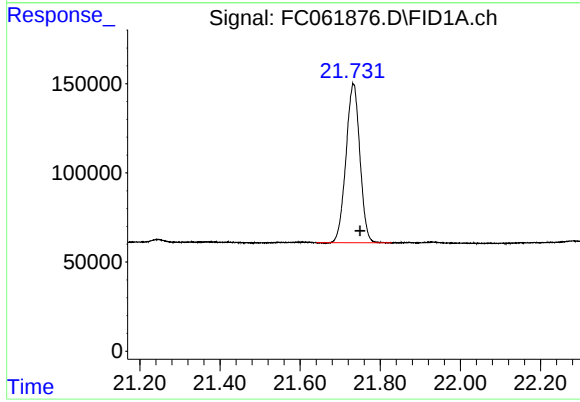
R.T.: 20.083 min  
Delta R.T.: -0.010 min  
Response: 2241433  
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.820 min  
Delta R.T.: -0.011 min  
Response: 2173300  
Conc: 19.32 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.733 min  
Delta R.T.: -0.017 min  
Response: 2151987  
Conc: 19.17 ug/ml