

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062023AL\  
 Data File : FC063933.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Jun 2023 04:03  
 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: Jun 21 04:32:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:12:33 2023  
 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)    | 11.523 | 3430799    | 18.800 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.60%       |
| 12) S 1-chlorooctadecane (S... | 12.958 | 2465389    | 19.295 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.304  | 3160869    | 19.832 ug/ml |
| 2) T n-Decane (C10)            | 4.367  | 3218609    | 19.911 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.949  | 3336381    | 19.205 ug/ml |
| 4) T n-Dodecane (C12)          | 6.382  | 3185706    | 19.483 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.005  | 3167502    | 19.335 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.174  | 3061988    | 19.469 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.772  | 3072833    | 19.309 ug/ml |
| 8) T n-Octadecane (C18)        | 11.210 | 3045571    | 19.248 ug/ml |
| 10) T n-Eicosane (C20)         | 12.515 | 2870467    | 19.409 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.126 | 2792839    | 19.402 ug/ml |
| 13) T n-Docosane (C22)         | 13.711 | 2753156    | 19.544 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.810 | 2708342    | 19.737 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.828 | 2657825    | 20.045 ug/ml |
| 16) T n-Octacosane (C28)       | 16.774 | 2640237    | 20.793 ug/ml |
| 17) T n-Tricontane (C30)       | 17.658 | 2778195    | 21.745 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.488 | 2805421    | 22.546 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.270 | 2750921    | 22.311 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.006 | 2596276    | 21.632 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.729 | 2666622    | 22.087 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.619 | 2606514    | 21.511 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

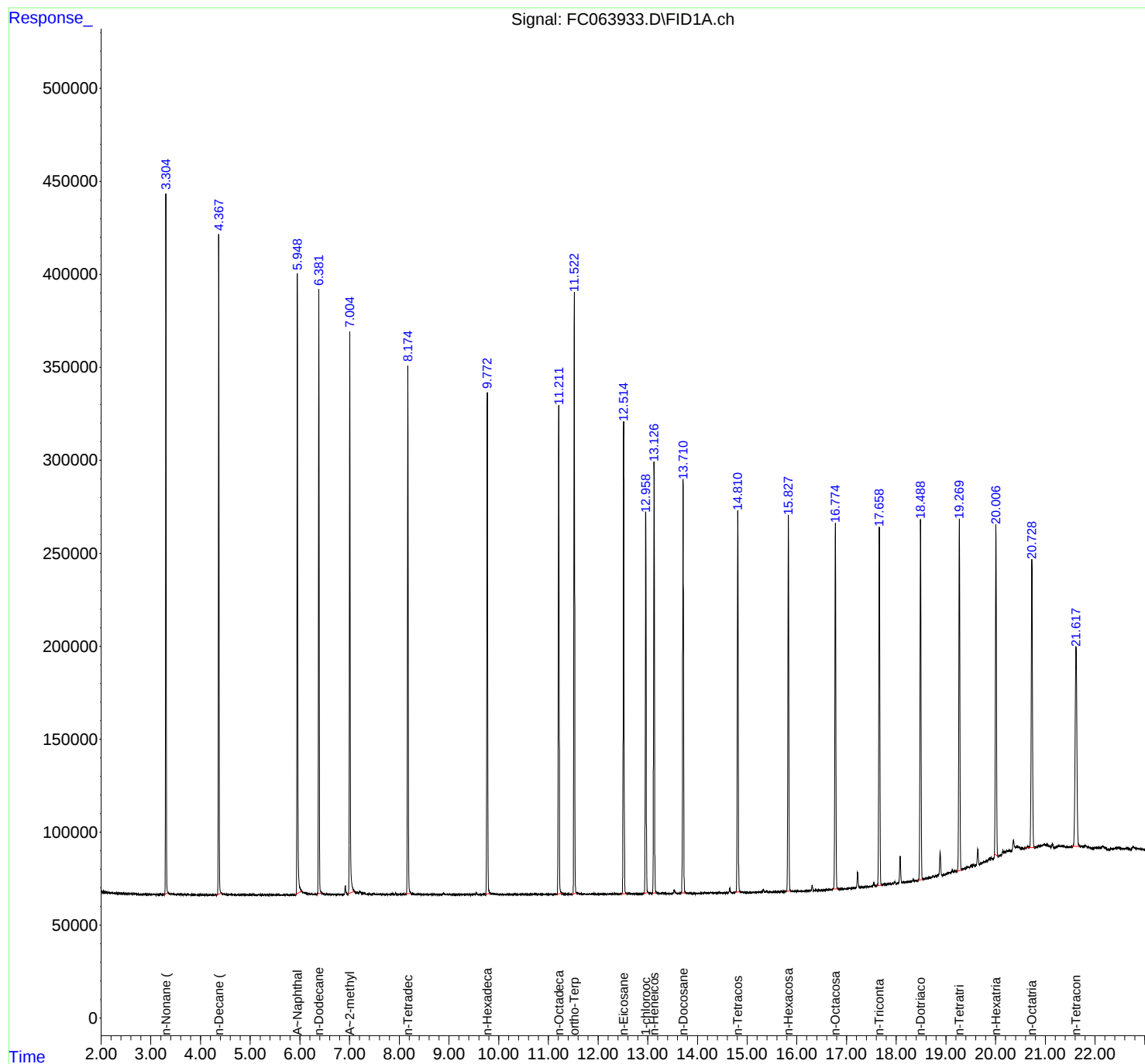
(m)=manual int.

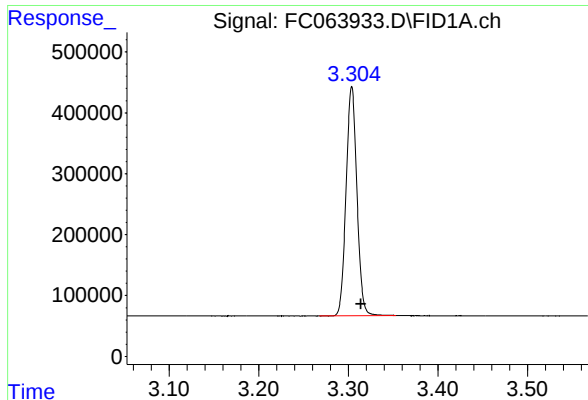
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062023AL\  
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Signal(s) : FID1A.ch  
Acq On : 21 Jun 2023 04:03  
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QLast Update : Sat May 27 06:12:33 2023  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

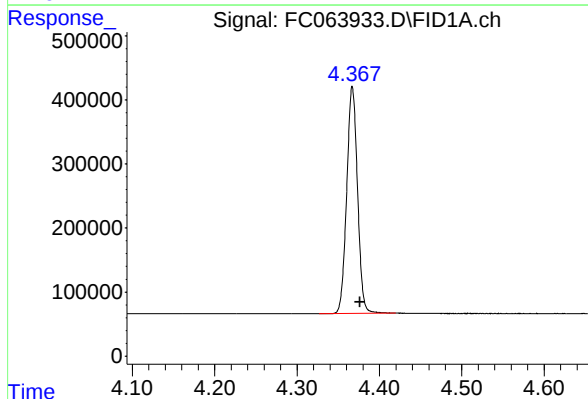




#1 n-Nonane (C9)

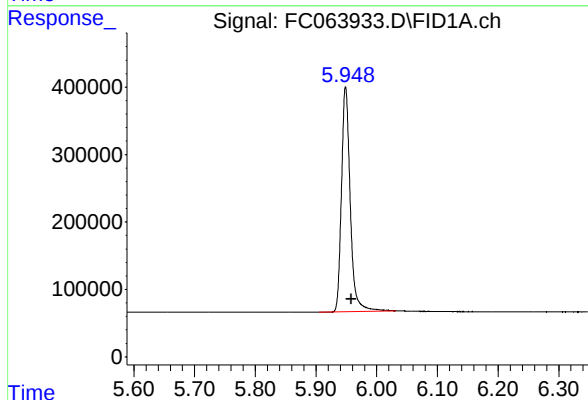
R.T.: 3.304 min  
Delta R.T.: -0.010 min  
Response: 3160869  
Conc: 19.83 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



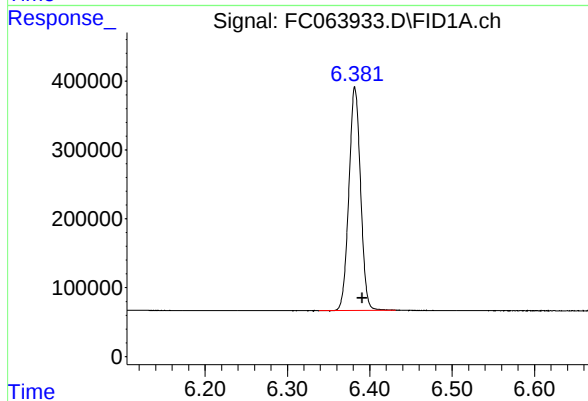
#2 n-Decane (C10)

R.T.: 4.367 min  
Delta R.T.: -0.009 min  
Response: 3218609  
Conc: 19.91 ug/ml



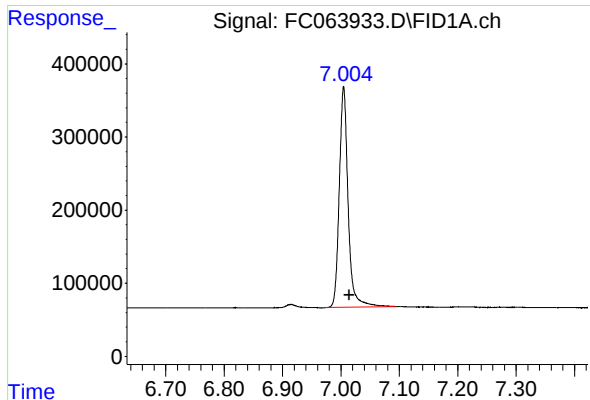
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min  
Delta R.T.: -0.009 min  
Response: 3336381  
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

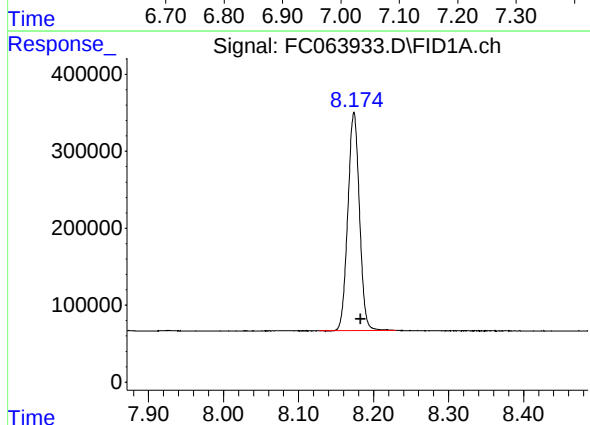
R.T.: 6.382 min  
Delta R.T.: -0.009 min  
Response: 3185706  
Conc: 19.48 ug/ml



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

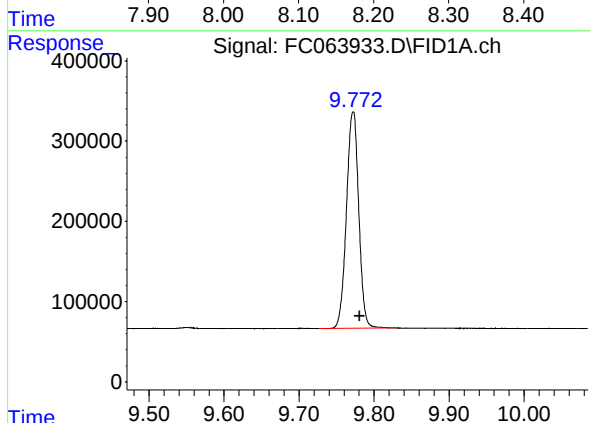
R.T.: 7.005 min  
Delta R.T.: -0.009 min  
Response: 3167502  
Conc: 19.34 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



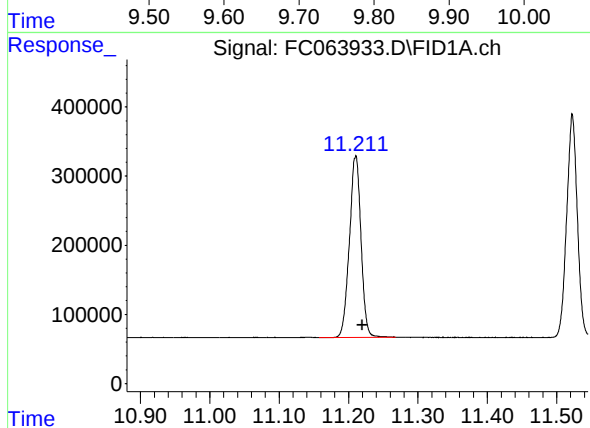
#6 n-Tetradecane (C14)

R.T.: 8.174 min  
Delta R.T.: -0.009 min  
Response: 3061988  
Conc: 19.47 ug/ml



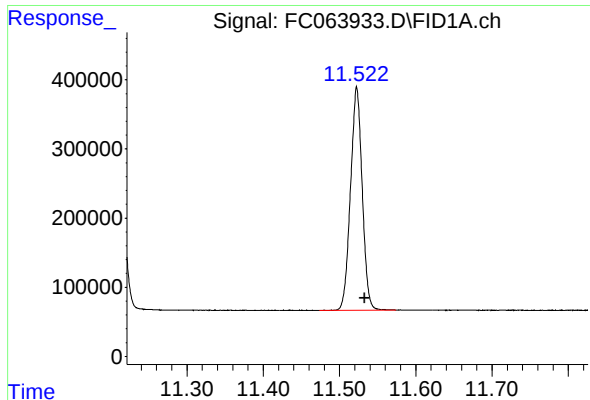
#7 n-Hexadecane (C16)

R.T.: 9.772 min  
Delta R.T.: -0.009 min  
Response: 3072833  
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

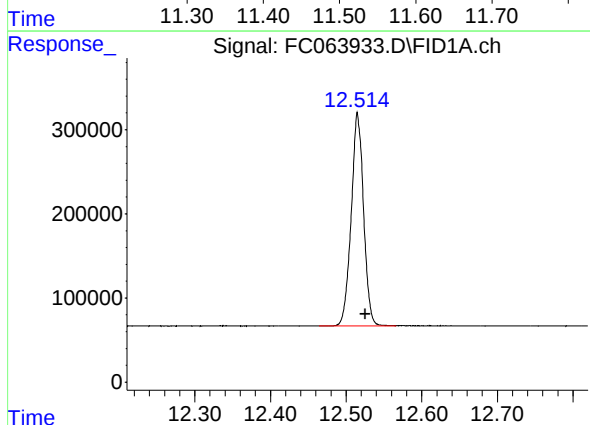
R.T.: 11.210 min  
Delta R.T.: -0.010 min  
Response: 3045571  
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

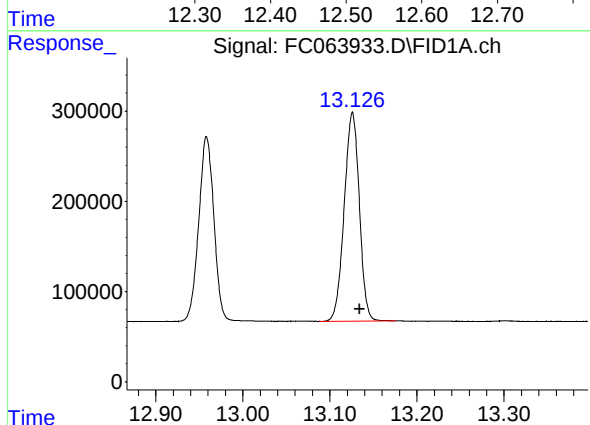
R.T.: 11.523 min  
Delta R.T.: -0.010 min  
Response: 3430799  
Conc: 18.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



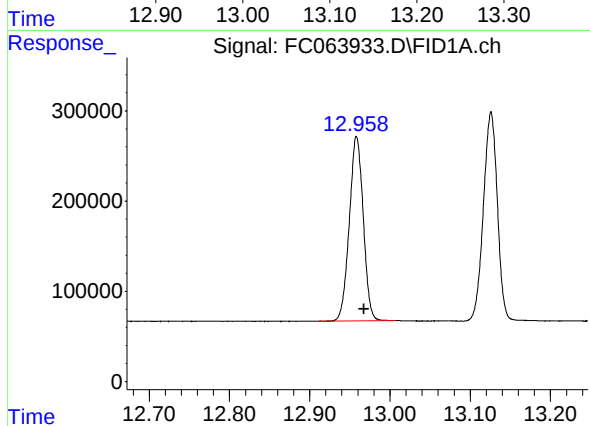
#10 n-Eicosane (C20)

R.T.: 12.515 min  
Delta R.T.: -0.010 min  
Response: 2870467  
Conc: 19.41 ug/ml



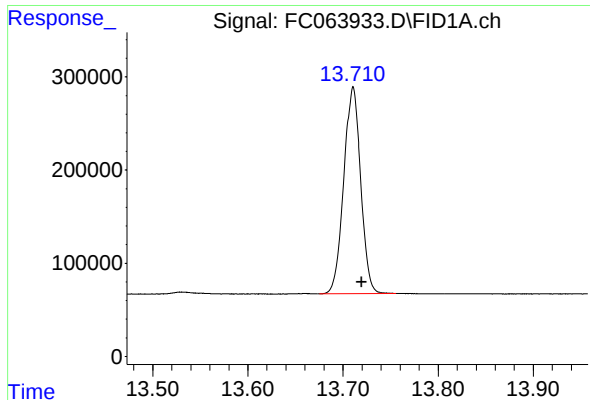
#11 n-Heneicosane (C21)

R.T.: 13.126 min  
Delta R.T.: -0.008 min  
Response: 2792839  
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

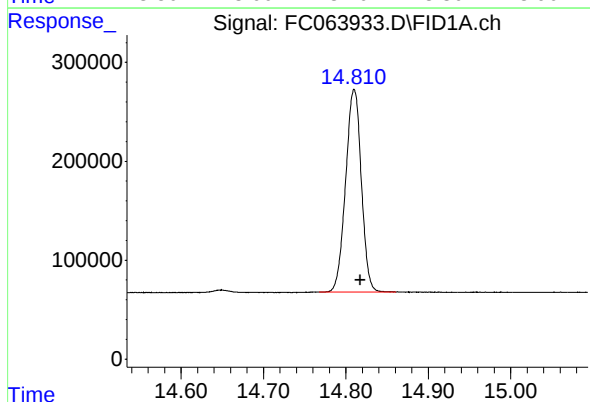
R.T.: 12.958 min  
Delta R.T.: -0.009 min  
Response: 2465389  
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

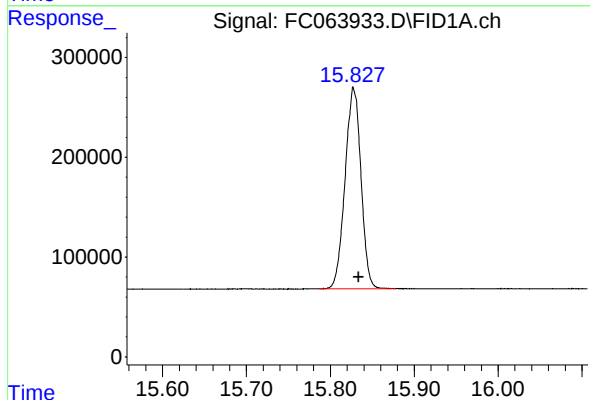
R.T.: 13.711 min  
Delta R.T.: -0.009 min  
Response: 2753156  
Conc: 19.54 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



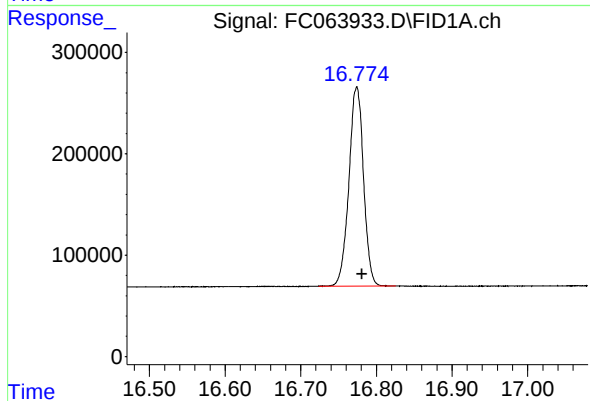
#14 n-Tetracosane (C24)

R.T.: 14.810 min  
Delta R.T.: -0.008 min  
Response: 2708342  
Conc: 19.74 ug/ml



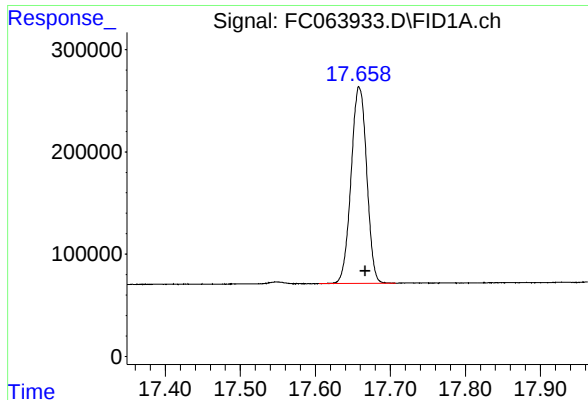
#15 n-Hexacosane (C26)

R.T.: 15.828 min  
Delta R.T.: -0.006 min  
Response: 2657825  
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

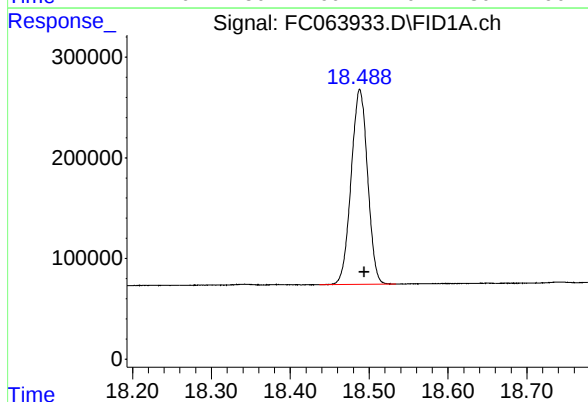
R.T.: 16.774 min  
Delta R.T.: -0.007 min  
Response: 2640237  
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

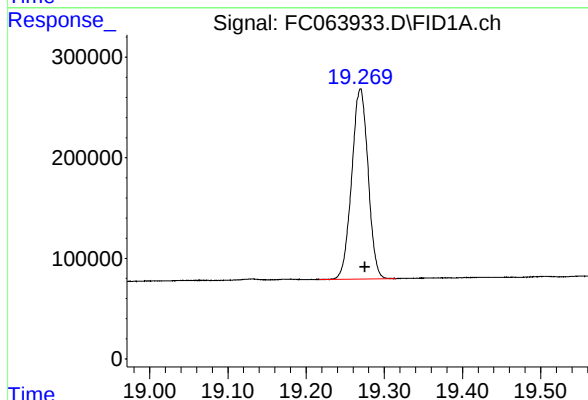
R.T.: 17.658 min  
Delta R.T.: -0.009 min  
Response: 2778195  
Conc: 21.74 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



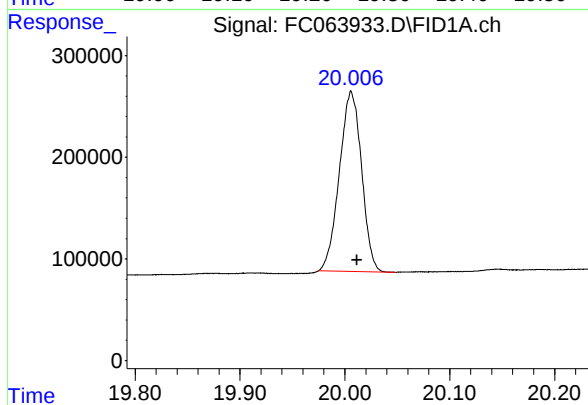
#18 n-Dotriacontane (C32)

R.T.: 18.488 min  
Delta R.T.: -0.006 min  
Response: 2805421  
Conc: 22.55 ug/ml



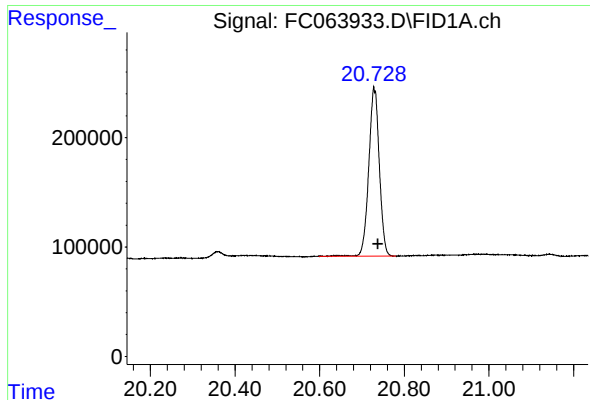
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min  
Delta R.T.: -0.006 min  
Response: 2750921  
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

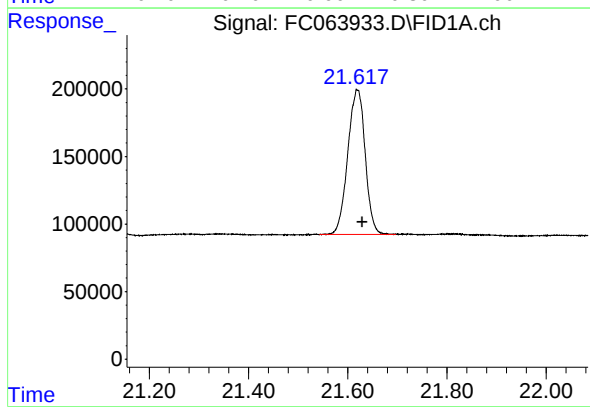
R.T.: 20.006 min  
Delta R.T.: -0.006 min  
Response: 2596276  
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min  
Delta R.T.: -0.009 min  
Response: 2666622  
Conc: 22.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.619 min  
Delta R.T.: -0.010 min  
Response: 2606514  
Conc: 21.51 ug/ml