

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031323AL\  
 Data File : FC063162.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Mar 2023 14:19  
 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: Mar 14 03:34:48 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:36:00 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)    | 11.534 | 2709101    | 20.871 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.74%       |
| 12) S 1-chlorooctadecane (S... | 12.973 | 2027583    | 20.786 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.291  | 2468042    | 20.817 ug/ml |
| 2) T n-Decane (C10)            | 4.361  | 2433313    | 21.102 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.946  | 2683986    | 20.987 ug/ml |
| 4) T n-Dodecane (C12)          | 6.383  | 2431928    | 21.060 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.005  | 2499232    | 21.233 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.179  | 2403652    | 21.268 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.780  | 2435763    | 21.174 ug/ml |
| 8) T n-Octadecane (C18)        | 11.222 | 2466020    | 21.172 ug/ml |
| 10) T n-Eicosane (C20)         | 12.529 | 2405433    | 21.111 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.141 | 2404032    | 21.094 ug/ml |
| 13) T n-Docosane (C22)         | 13.727 | 2370352    | 21.017 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.828 | 2393634    | 21.359 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.847 | 2391276    | 21.623 ug/ml |
| 16) T n-Octacosane (C28)       | 16.795 | 2415668    | 21.954 ug/ml |
| 17) T n-Tricontane (C30)       | 17.681 | 2482550    | 22.543 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.512 | 2537799    | 22.739 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.294 | 2489411    | 22.274 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.032 | 2367658    | 21.811 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.763 | 2339731    | 21.531 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.659 | 2294701    | 21.093 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

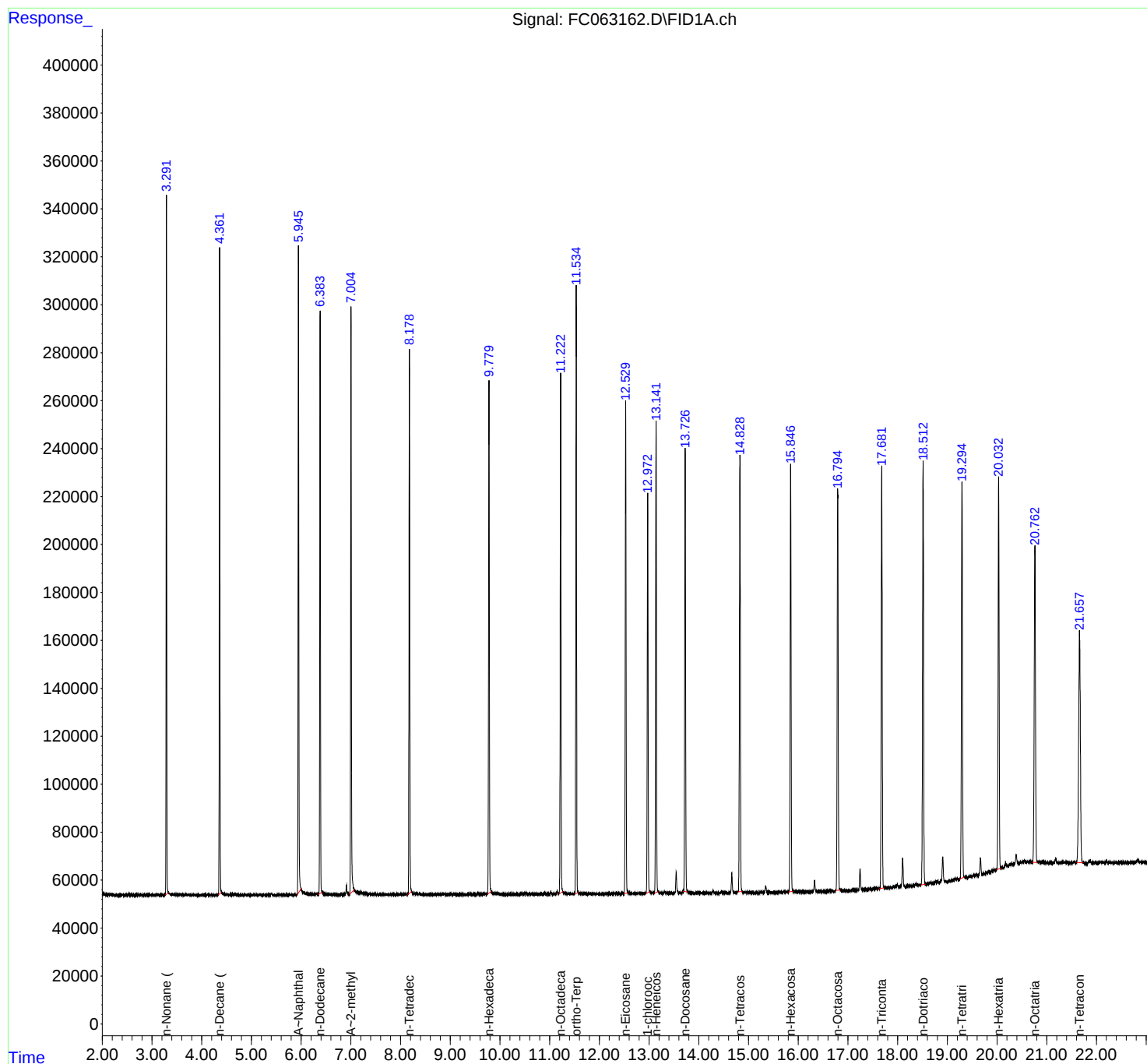
(m)=manual int.

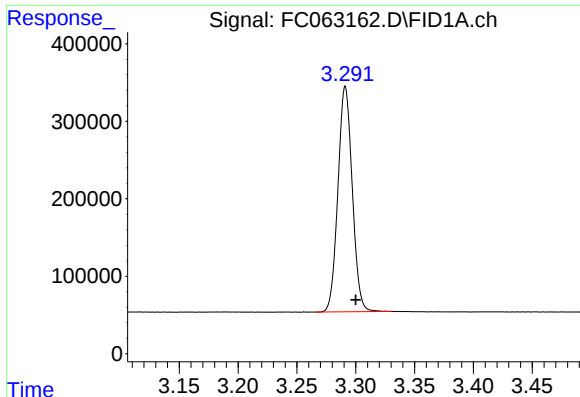
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031323AL\  
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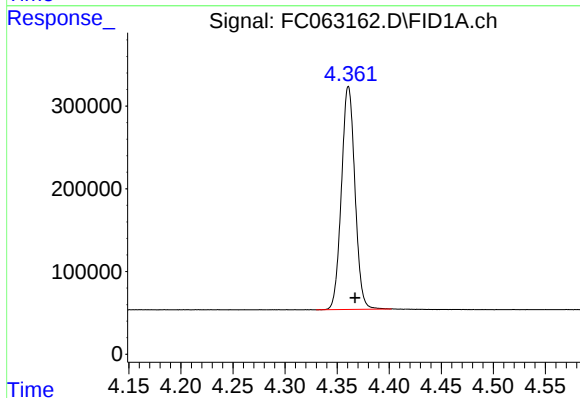




#1 n-Nonane (C9)

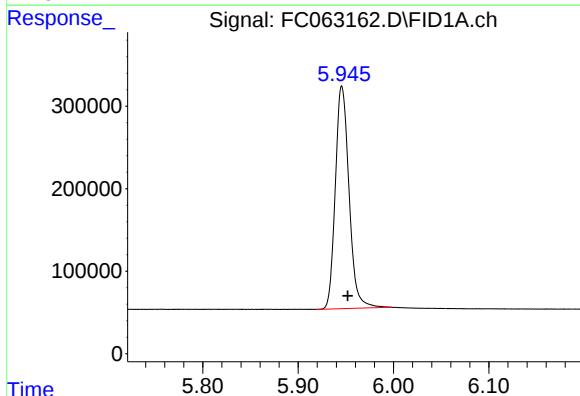
R.T.: 3.291 min  
Delta R.T.: -0.009 min  
Response: 2468042  
Conc: 20.82 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



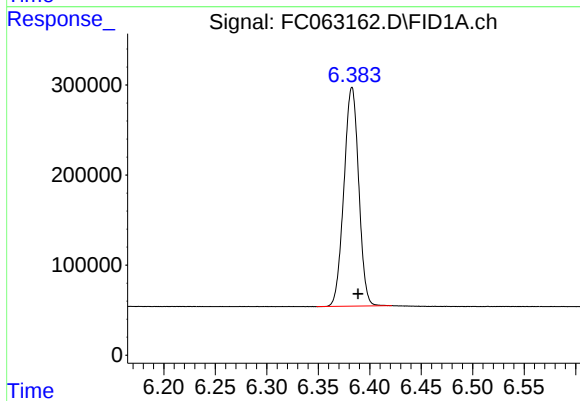
#2 n-Decane (C10)

R.T.: 4.361 min  
Delta R.T.: -0.006 min  
Response: 2433313  
Conc: 21.10 ug/ml



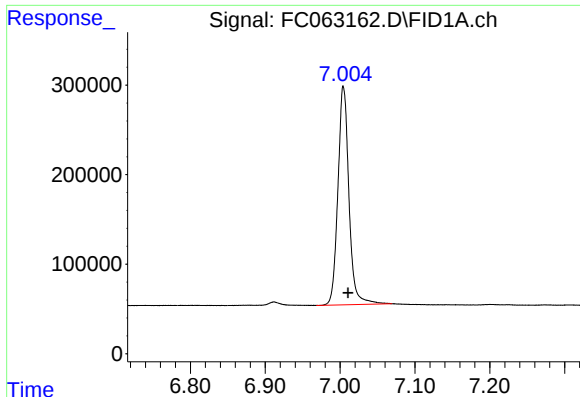
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min  
Delta R.T.: -0.006 min  
Response: 2683986  
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

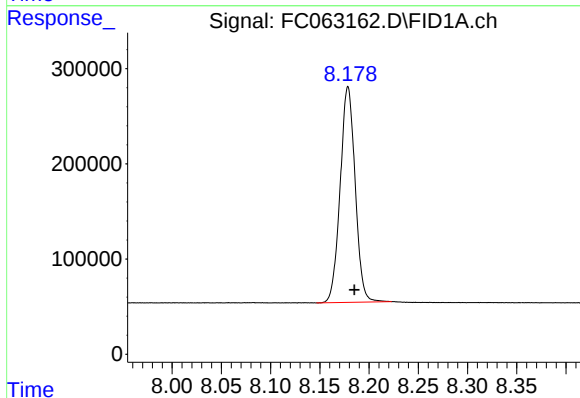
R.T.: 6.383 min  
Delta R.T.: -0.006 min  
Response: 2431928  
Conc: 21.06 ug/ml



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

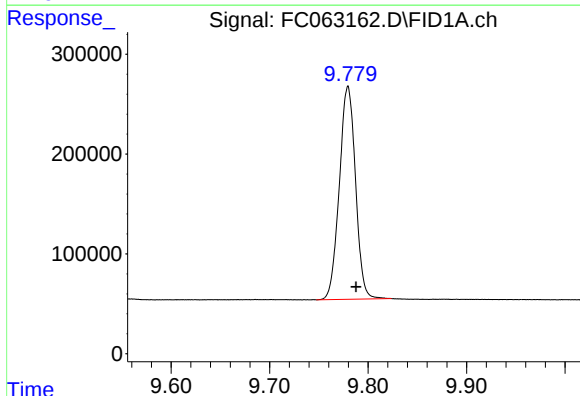
R.T.: 7.005 min  
Delta R.T.: -0.006 min  
Response: 2499232  
Conc: 21.23 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



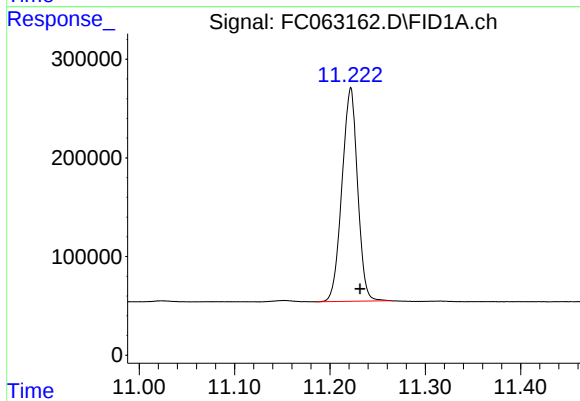
#6 n-Tetradecane (C14)

R.T.: 8.179 min  
Delta R.T.: -0.007 min  
Response: 2403652  
Conc: 21.27 ug/ml



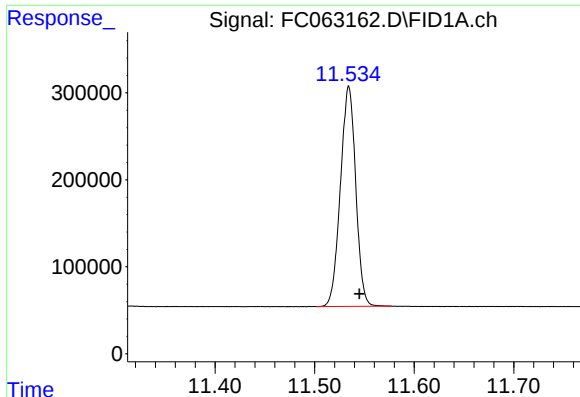
#7 n-Hexadecane (C16)

R.T.: 9.780 min  
Delta R.T.: -0.008 min  
Response: 2435763  
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

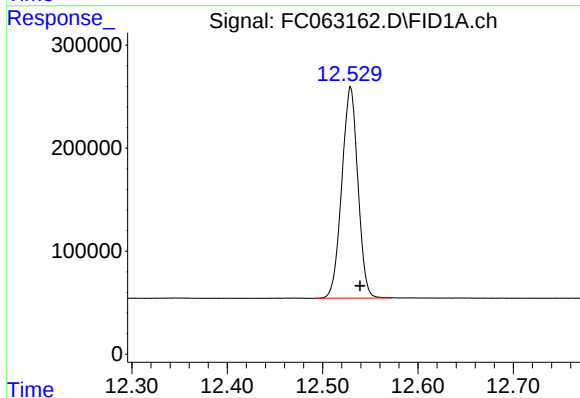
R.T.: 11.222 min  
Delta R.T.: -0.010 min  
Response: 2466020  
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

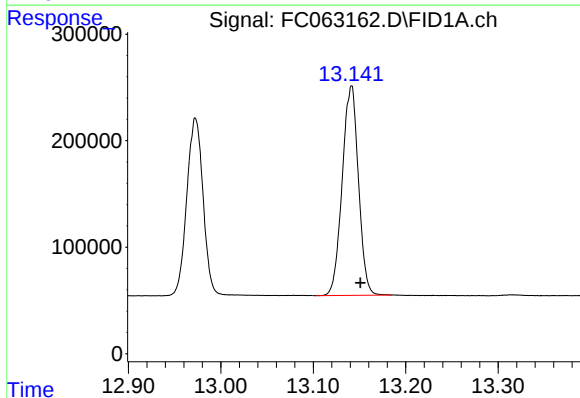
R.T.: 11.534 min  
Delta R.T.: -0.011 min  
Response: 2709101  
Conc: 20.87 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



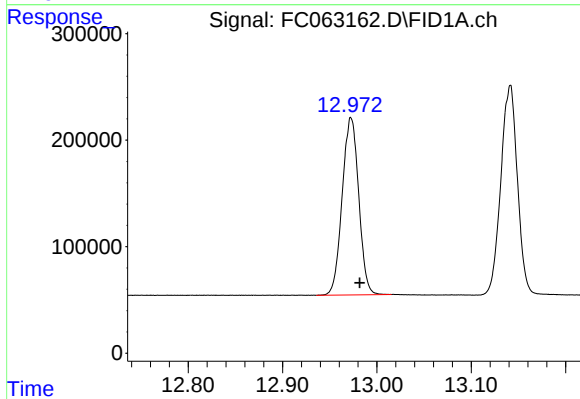
#10 n-Eicosane (C20)

R.T.: 12.529 min  
Delta R.T.: -0.010 min  
Response: 2405433  
Conc: 21.11 ug/ml



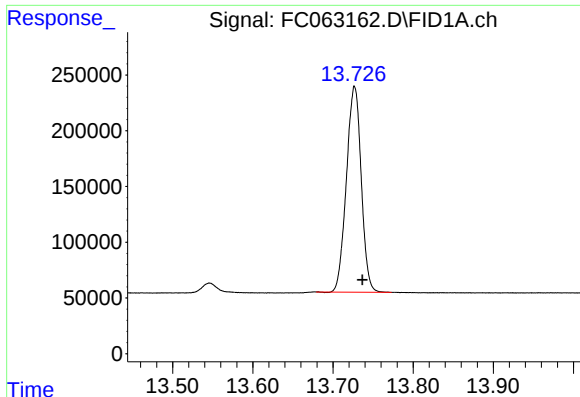
#11 n-Heneicosane (C21)

R.T.: 13.141 min  
Delta R.T.: -0.010 min  
Response: 2404032  
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

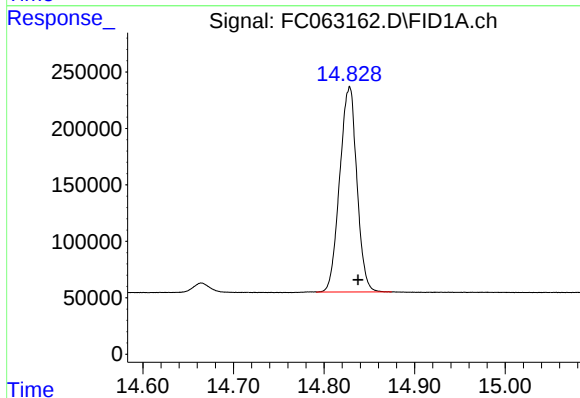
R.T.: 12.973 min  
Delta R.T.: -0.009 min  
Response: 2027583  
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

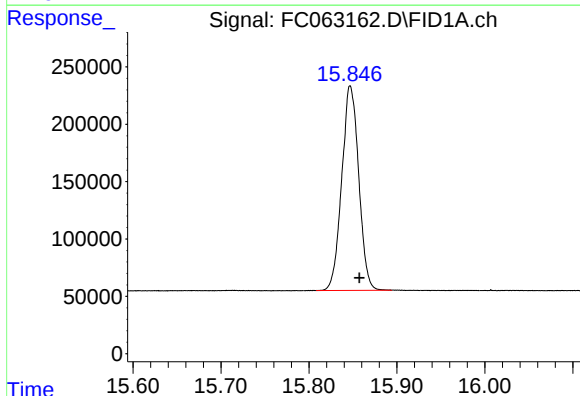
R.T.: 13.727 min  
Delta R.T.: -0.010 min  
Response: 2370352  
Conc: 21.02 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



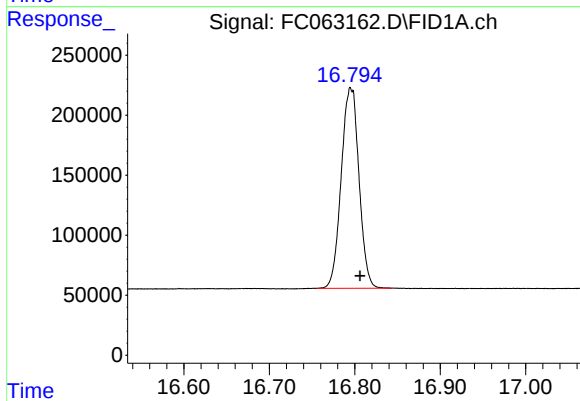
#14 n-Tetracosane (C24)

R.T.: 14.828 min  
Delta R.T.: -0.009 min  
Response: 2393634  
Conc: 21.36 ug/ml



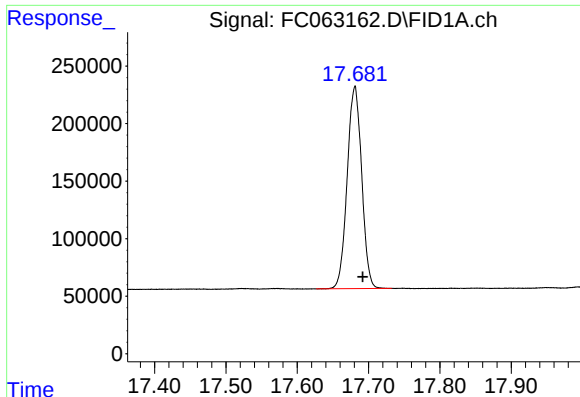
#15 n-Hexacosane (C26)

R.T.: 15.847 min  
Delta R.T.: -0.010 min  
Response: 2391276  
Conc: 21.62 ug/ml



#16 n-Octacosane (C28)

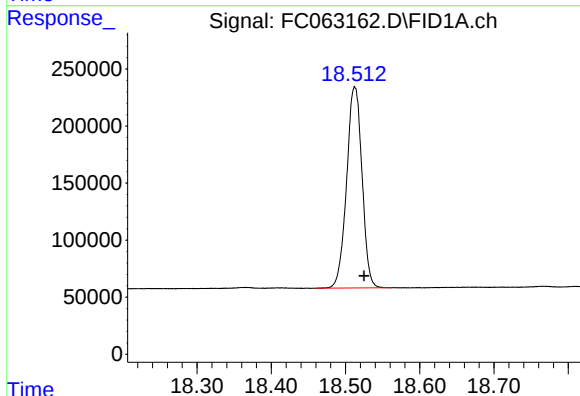
R.T.: 16.795 min  
Delta R.T.: -0.011 min  
Response: 2415668  
Conc: 21.95 ug/ml



#17 n-Tricontane (C30)

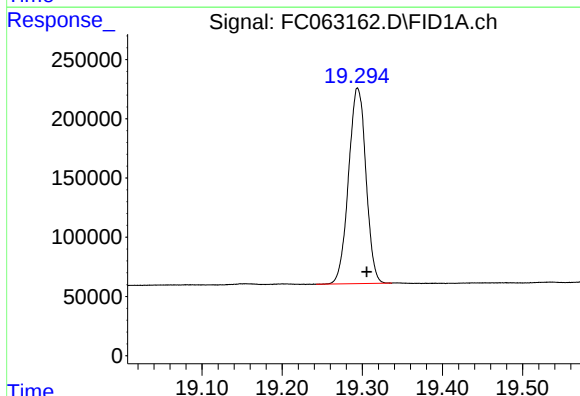
R.T.: 17.681 min  
Delta R.T.: -0.011 min  
Response: 2482550  
Conc: 22.54 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



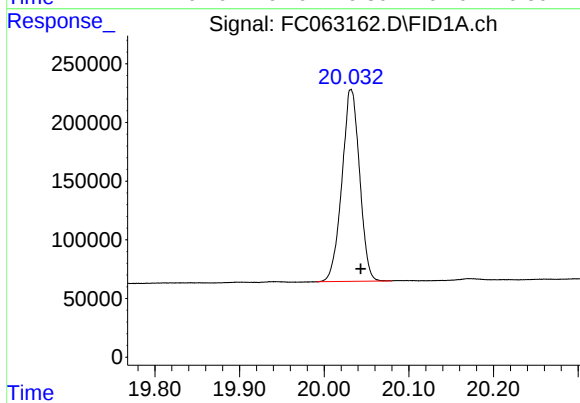
#18 n-Dotriacontane (C32)

R.T.: 18.512 min  
Delta R.T.: -0.012 min  
Response: 2537799  
Conc: 22.74 ug/ml



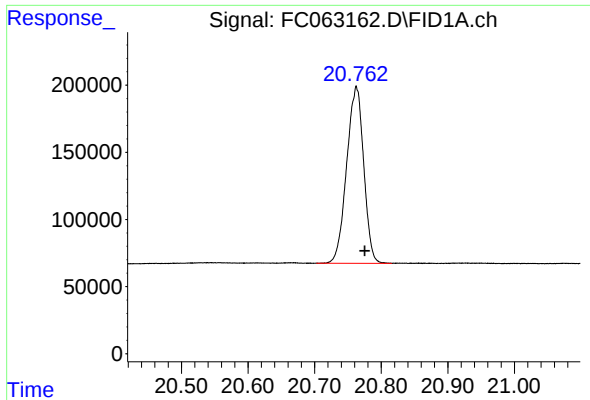
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min  
Delta R.T.: -0.011 min  
Response: 2489411  
Conc: 22.27 ug/ml



#20 n-Hexatriacontane (C36)

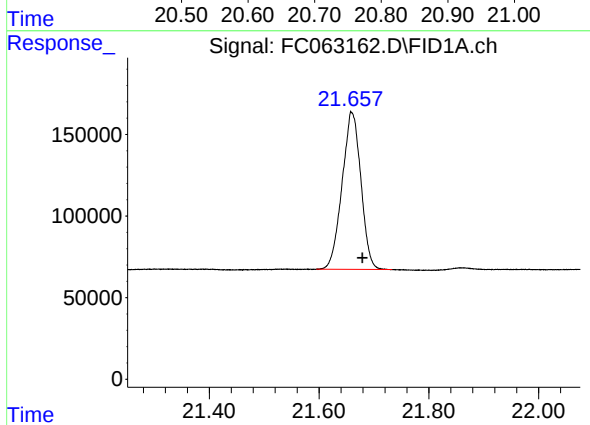
R.T.: 20.032 min  
Delta R.T.: -0.011 min  
Response: 2367658  
Conc: 21.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min  
Delta R.T.: -0.012 min  
Response: 2339731  
Conc: 21.53 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.659 min  
Delta R.T.: -0.020 min  
Response: 2294701  
Conc: 21.09 ug/ml