

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060823AL\  
 Data File : FC063797.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Jun 2023 22:18  
 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 09 01:27:55 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)    | 11.534 | 3249087    | 17.805 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.61%       |
| 12) S 1-chlorooctadecane (S... | 12.970 | 2326748    | 18.210 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.42%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.313  | 2953083    | 18.528 ug/ml |
| 2) T n-Decane (C10)            | 4.376  | 2999728    | 18.557 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.958  | 3058242    | 17.604 ug/ml |
| 4) T n-Dodecane (C12)          | 6.391  | 2973952    | 18.188 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.014  | 2932536    | 17.901 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.184  | 2860077    | 18.186 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.782  | 2885593    | 18.132 ug/ml |
| 8) T n-Octadecane (C18)        | 11.220 | 2861974    | 18.088 ug/ml |
| 10) T n-Eicosane (C20)         | 12.526 | 2703872    | 18.283 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.137 | 2628920    | 18.263 ug/ml |
| 13) T n-Docosane (C22)         | 13.721 | 2586517    | 18.361 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.820 | 2539937    | 18.510 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.838 | 2489652    | 18.777 ug/ml |
| 16) T n-Octacosane (C28)       | 16.786 | 2473592    | 19.481 ug/ml |
| 17) T n-Tricontane (C30)       | 17.670 | 2611805    | 20.443 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.500 | 2644470    | 21.252 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.281 | 2563094    | 20.788 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.019 | 2454593    | 20.451 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.745 | 2436105    | 20.178 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.636 | 2386438    | 19.695 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

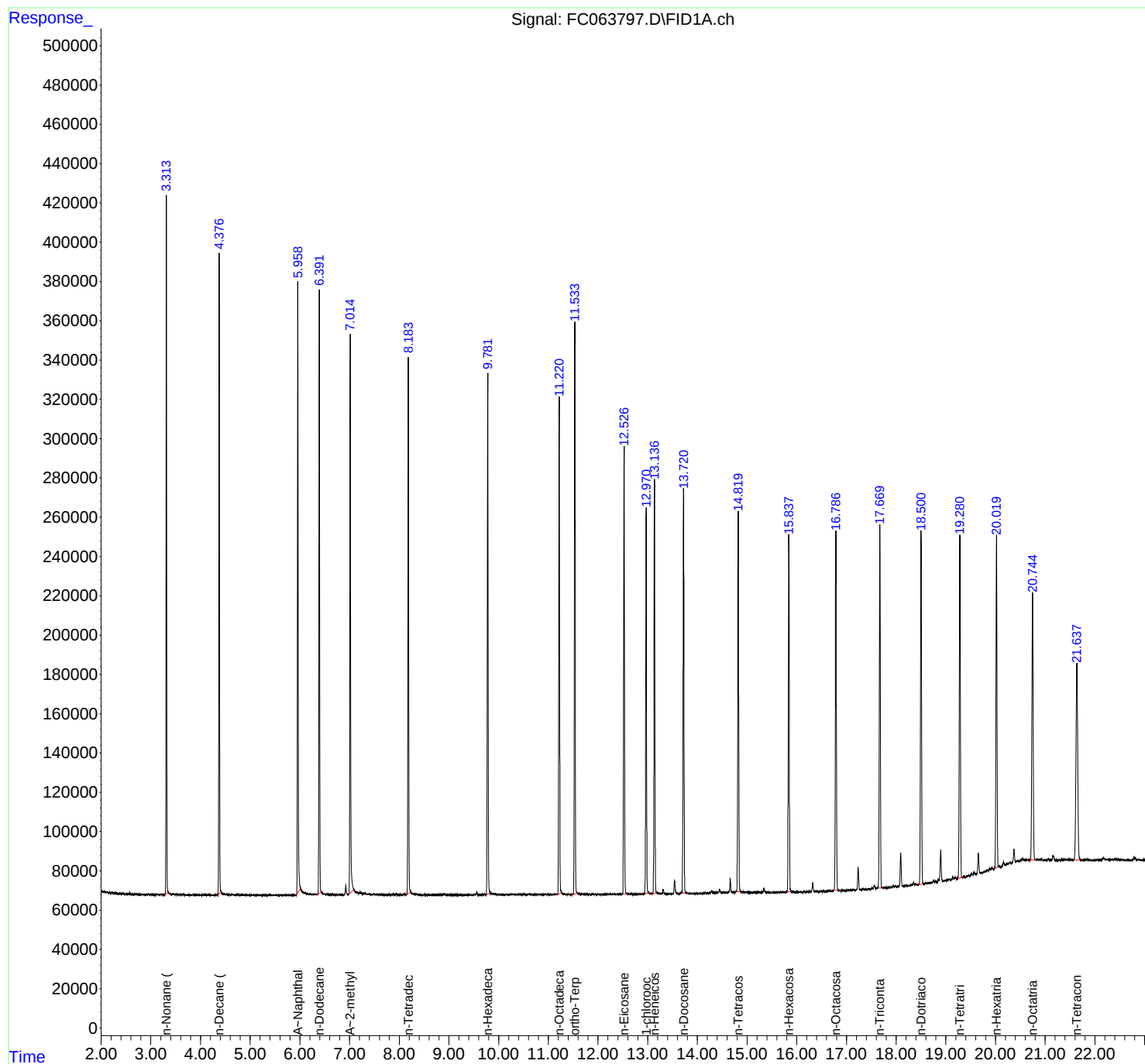
(m)=manual int.

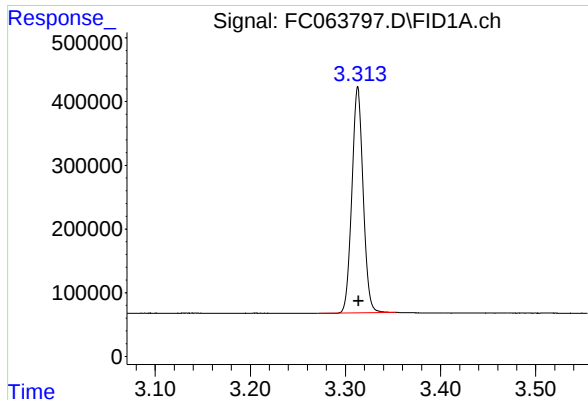
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060823AL\  
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Acq On : 08 Jun 2023 22:18  
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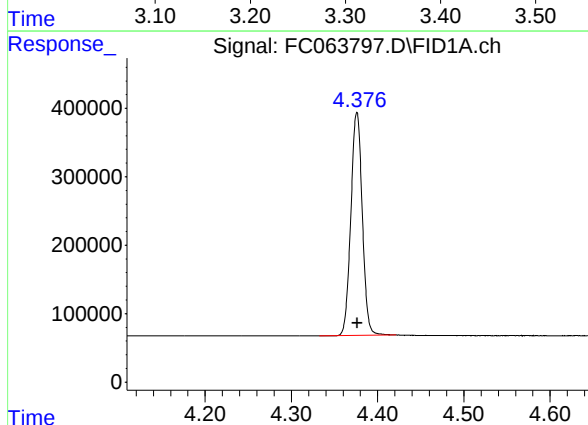




#1 n-Nonane (C9)

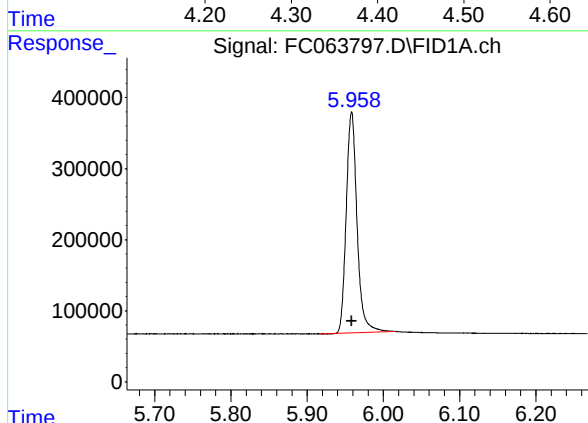
R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 2953083  
Conc: 18.53 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



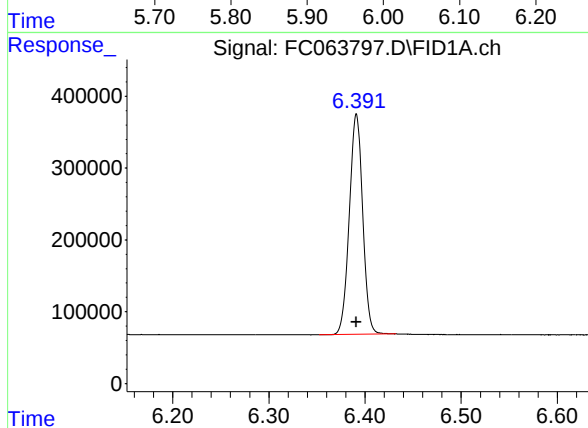
#2 n-Decane (C10)

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 2999728  
Conc: 18.56 ug/ml



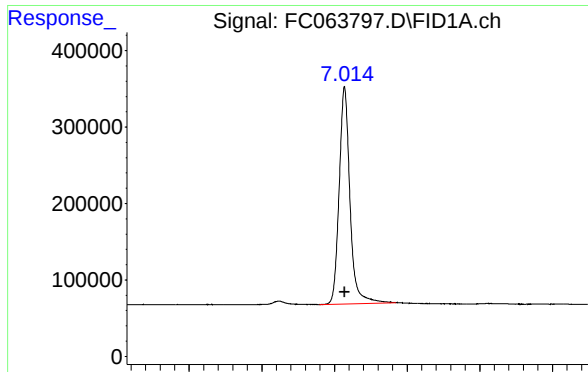
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min  
Delta R.T.: 0.000 min  
Response: 3058242  
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

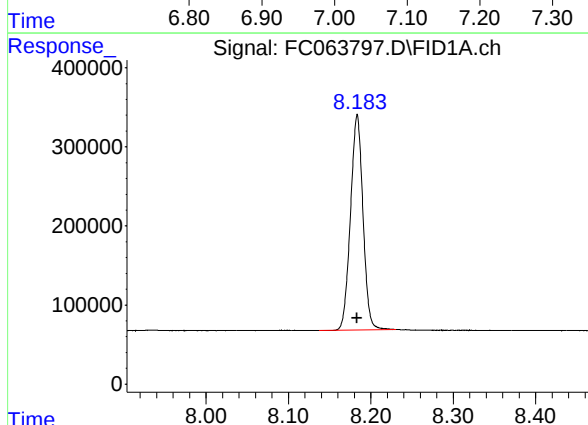
R.T.: 6.391 min  
Delta R.T.: 0.000 min  
Response: 2973952  
Conc: 18.19 ug/ml



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

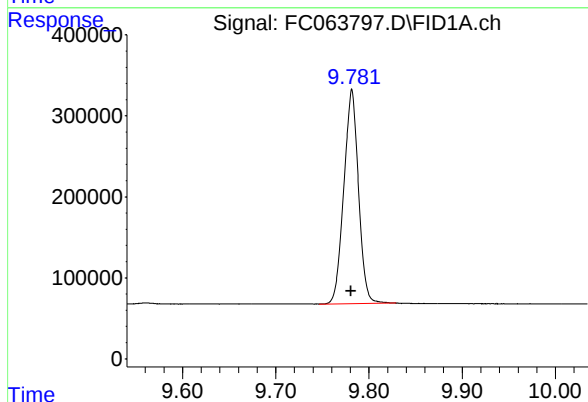
R.T.: 7.014 min  
Delta R.T.: 0.000 min  
Response: 2932536  
Conc: 17.90 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



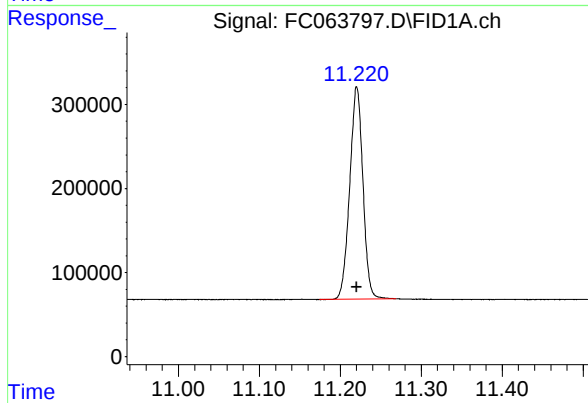
#6 n-Tetradecane (C14)

R.T.: 8.184 min  
Delta R.T.: 0.000 min  
Response: 2860077  
Conc: 18.19 ug/ml



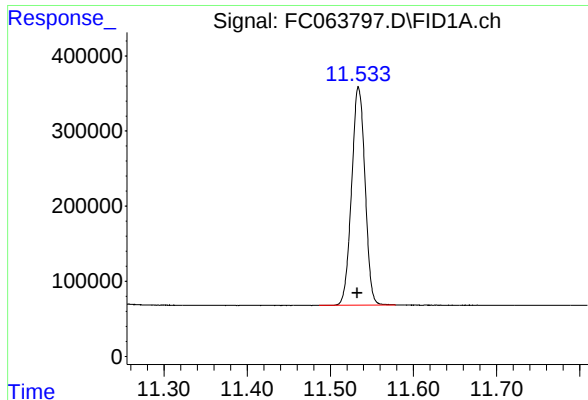
#7 n-Hexadecane (C16)

R.T.: 9.782 min  
Delta R.T.: 0.000 min  
Response: 2885593  
Conc: 18.13 ug/ml



#8 n-Octadecane (C18)

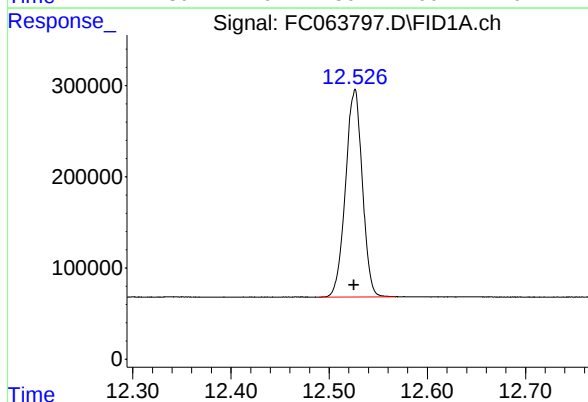
R.T.: 11.220 min  
Delta R.T.: 0.000 min  
Response: 2861974  
Conc: 18.09 ug/ml



#9 ortho-Terphenyl (SURR)

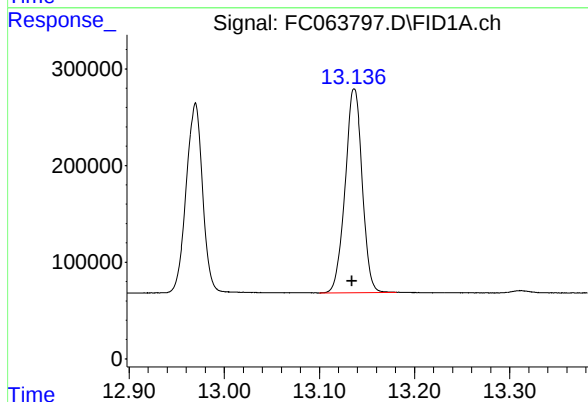
R.T.: 11.534 min  
Delta R.T.: 0.001 min  
Response: 3249087  
Conc: 17.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



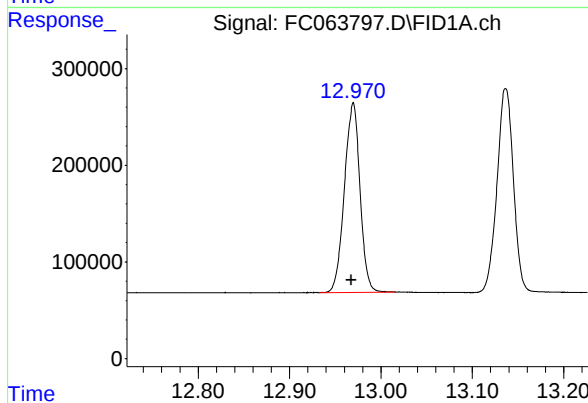
#10 n-Eicosane (C20)

R.T.: 12.526 min  
Delta R.T.: 0.001 min  
Response: 2703872  
Conc: 18.28 ug/ml



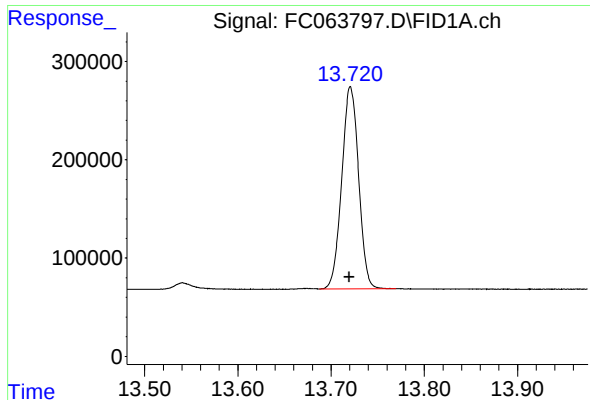
#11 n-Heneicosane (C21)

R.T.: 13.137 min  
Delta R.T.: 0.002 min  
Response: 2628920  
Conc: 18.26 ug/ml



#12 1-chlorooctadecane (SURR)

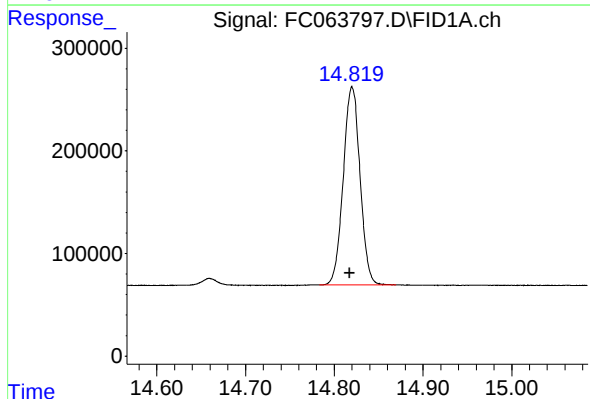
R.T.: 12.970 min  
Delta R.T.: 0.002 min  
Response: 2326748  
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

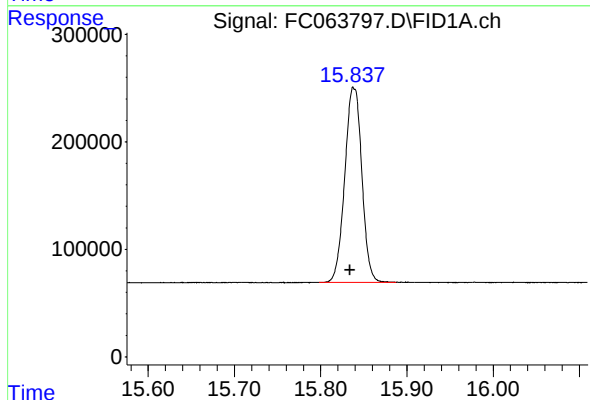
R.T.: 13.721 min  
Delta R.T.: 0.001 min  
Response: 2586517  
Conc: 18.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



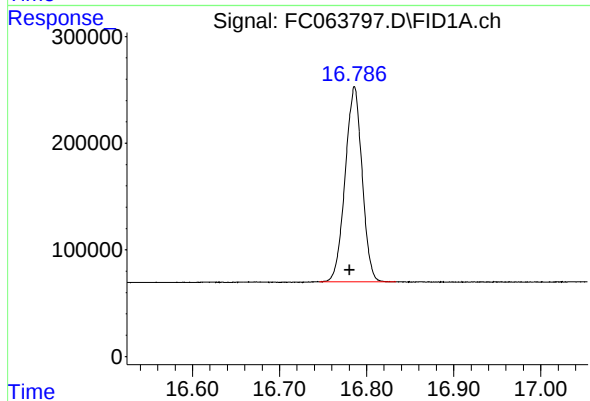
#14 n-Tetracosane (C24)

R.T.: 14.820 min  
Delta R.T.: 0.003 min  
Response: 2539937  
Conc: 18.51 ug/ml



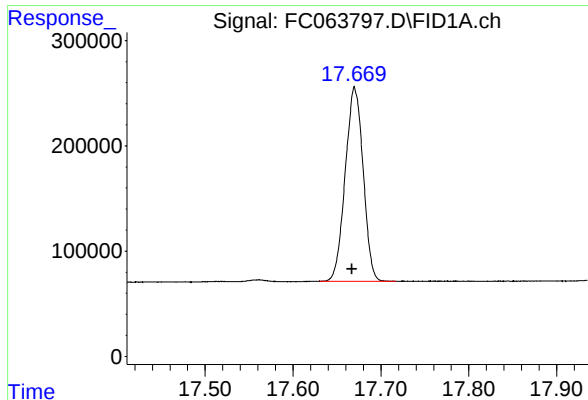
#15 n-Hexacosane (C26)

R.T.: 15.838 min  
Delta R.T.: 0.004 min  
Response: 2489652  
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

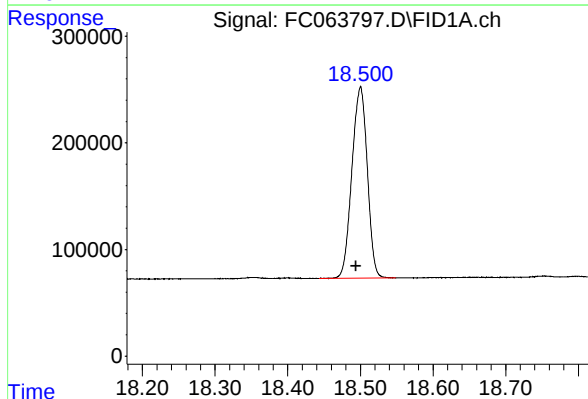
R.T.: 16.786 min  
Delta R.T.: 0.005 min  
Response: 2473592  
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

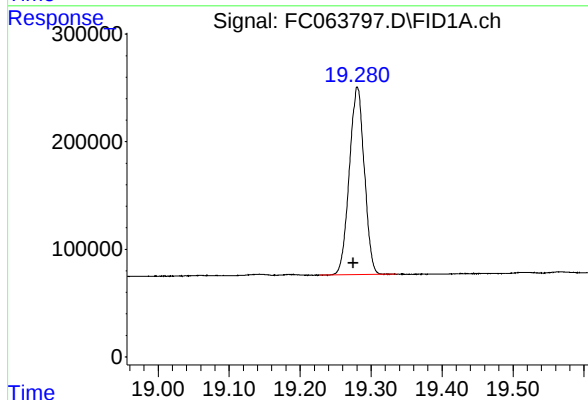
R.T.: 17.670 min  
Delta R.T.: 0.003 min  
Response: 2611805  
Conc: 20.44 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



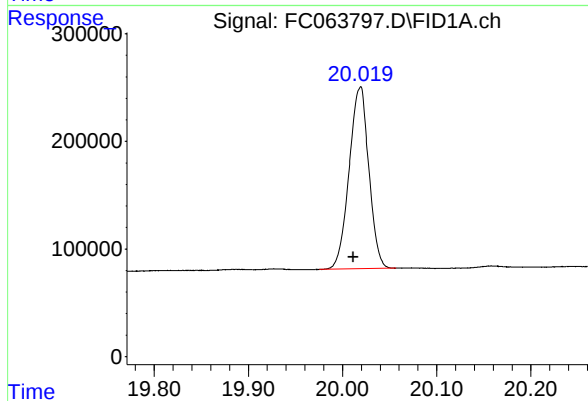
#18 n-Dotriacontane (C32)

R.T.: 18.500 min  
Delta R.T.: 0.006 min  
Response: 2644470  
Conc: 21.25 ug/ml



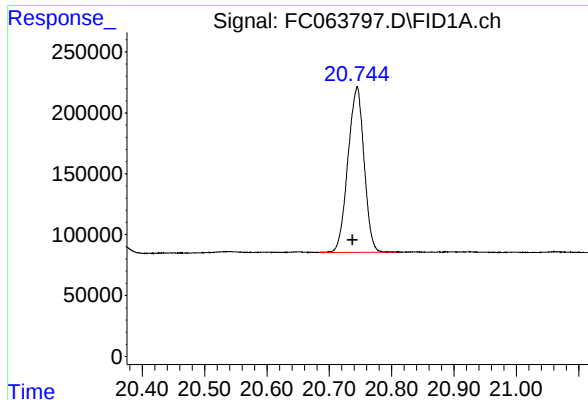
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min  
Delta R.T.: 0.006 min  
Response: 2563094  
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

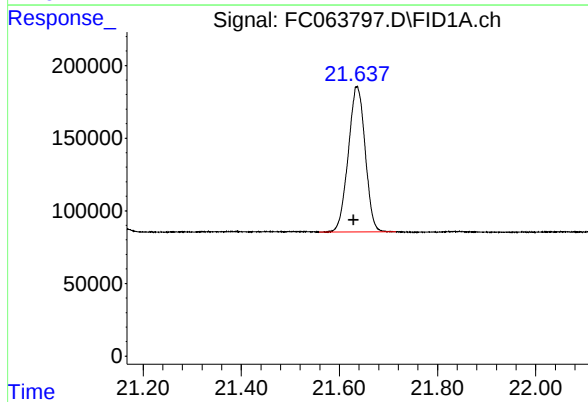
R.T.: 20.019 min  
Delta R.T.: 0.007 min  
Response: 2454593  
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min  
Delta R.T.: 0.007 min  
Response: 2436105  
Conc: 20.18 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.636 min  
Delta R.T.: 0.006 min  
Response: 2386438  
Conc: 19.69 ug/ml