

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121422AL\  
 Data File : FC062425.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Dec 2022 12:18  
 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: Dec 15 03:05:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 08 01:05:24 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)    | 11.573 | 2388661    | 16.933 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.87%       |
| 12) S 1-chlorooctadecane (S... | 13.010 | 1810642    | 16.988 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.321  | 2158894    | 16.786 ug/ml |
| 2) T n-Decane (C10)            | 4.389  | 2129817    | 17.121 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.976  | 2425773    | 17.095 ug/ml |
| 4) T n-Dodecane (C12)          | 6.412  | 2139182    | 17.078 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.036  | 2279160    | 17.726 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.210  | 2142129    | 17.589 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.814  | 2179142    | 17.362 ug/ml |
| 8) T n-Octadecane (C18)        | 11.257 | 2195314    | 17.184 ug/ml |
| 10) T n-Eicosane (C20)         | 12.567 | 2125287    | 17.085 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.178 | 2107755    | 17.056 ug/ml |
| 13) T n-Docosane (C22)         | 13.764 | 2110441    | 17.374 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.868 | 2142781    | 17.876 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.887 | 2097346    | 18.055 ug/ml |
| 16) T n-Octacosane (C28)       | 16.837 | 2113614    | 18.597 ug/ml |
| 17) T n-Tricontane (C30)       | 17.722 | 2152581    | 19.254 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.555 | 2164290    | 19.477 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.338 | 2038540    | 18.843 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.074 | 1872315    | 18.442 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.810 | 1827494    | 17.863 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.727 | 1816207    | 17.921 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

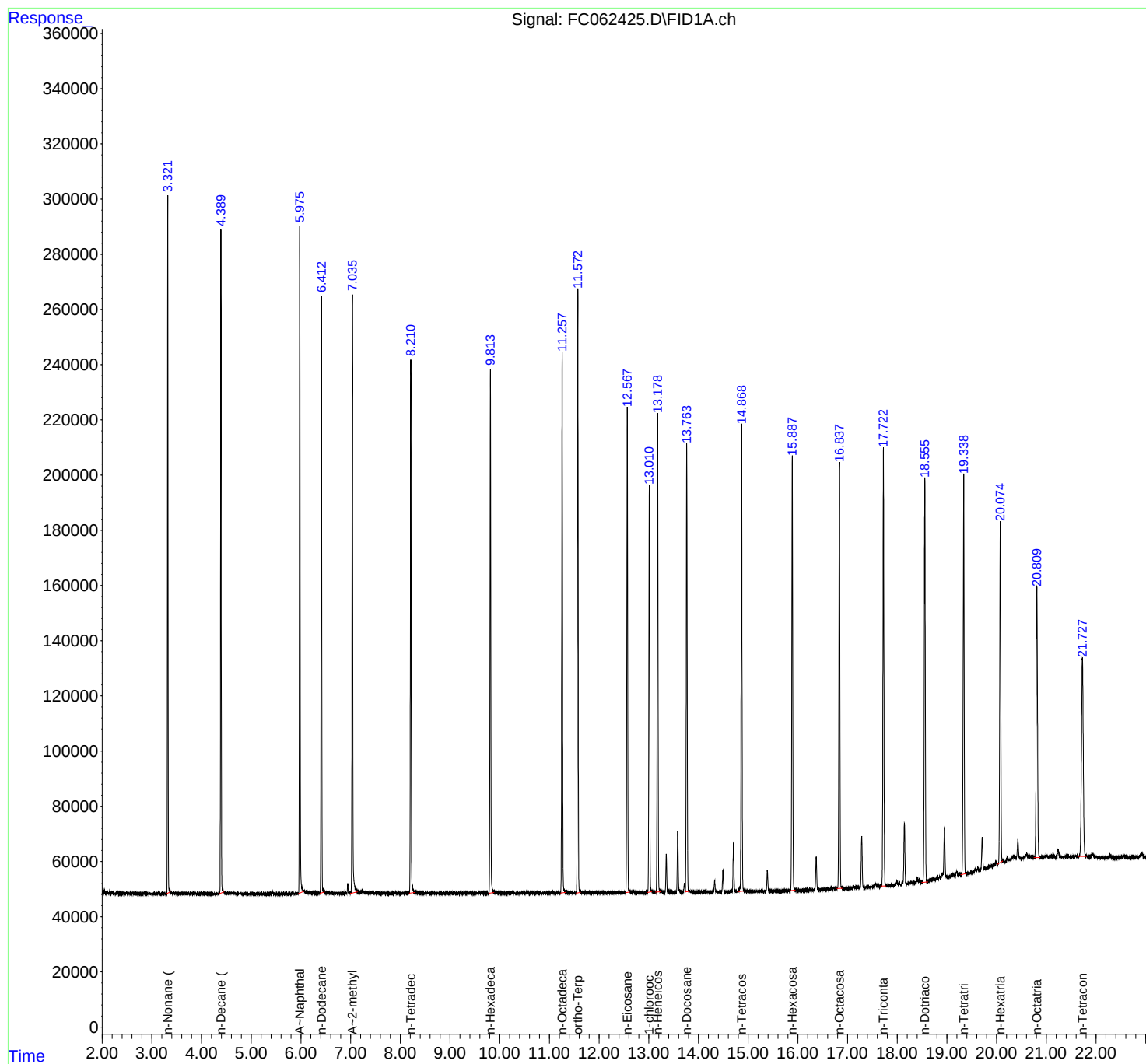
(m)=manual int.

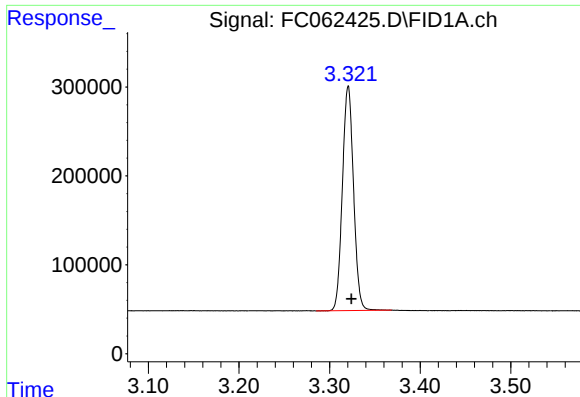
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121422AL\  
Data File : FC062425.D  
Signal(s) : FID1A.ch  
Acq On : 14 Dec 2022 12:18  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Integration File: autoint1.e  
Quant Time: Dec 15 03:05:12 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 08 01:05:24 2022  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

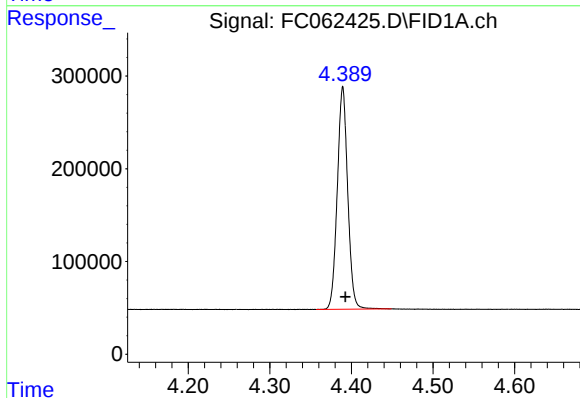




#1 n-Nonane (C9)

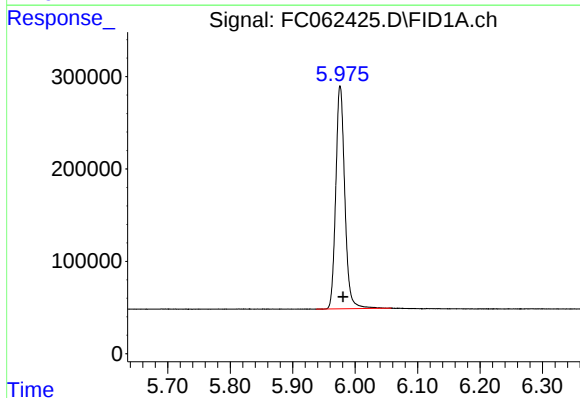
R.T.: 3.321 min  
Delta R.T.: -0.003 min  
Response: 2158894  
Conc: 16.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



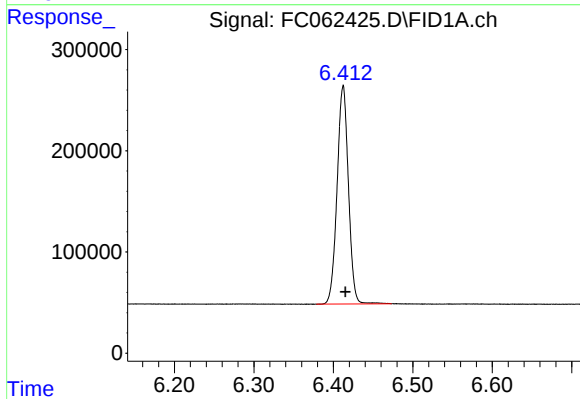
#2 n-Decane (C10)

R.T.: 4.389 min  
Delta R.T.: -0.003 min  
Response: 2129817  
Conc: 17.12 ug/ml



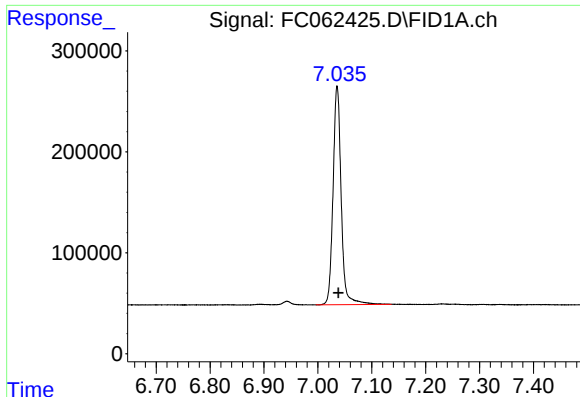
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min  
Delta R.T.: -0.005 min  
Response: 2425773  
Conc: 17.09 ug/ml



#4 n-Dodecane (C12)

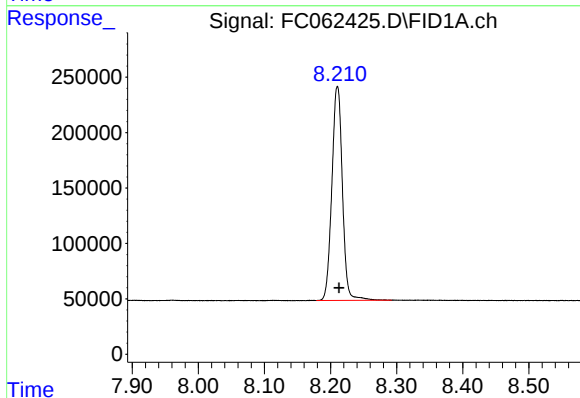
R.T.: 6.412 min  
Delta R.T.: -0.003 min  
Response: 2139182  
Conc: 17.08 ug/ml



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

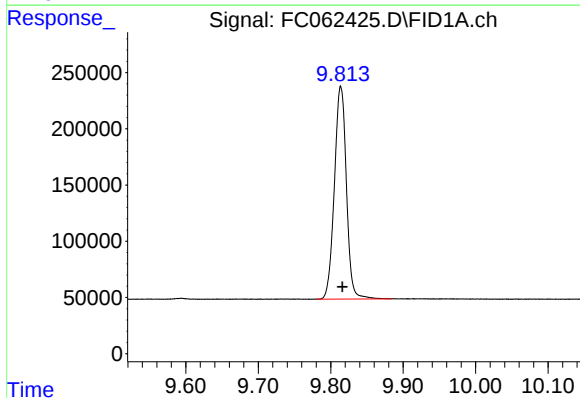
R.T.: 7.036 min  
Delta R.T.: -0.002 min  
Response: 2279160  
Conc: 17.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



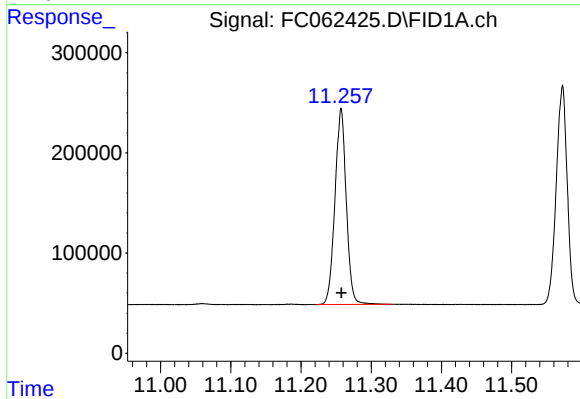
#6 n-Tetradecane (C14)

R.T.: 8.210 min  
Delta R.T.: -0.003 min  
Response: 2142129  
Conc: 17.59 ug/ml



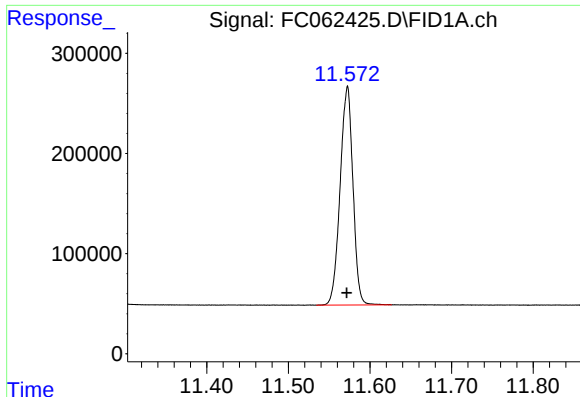
#7 n-Hexadecane (C16)

R.T.: 9.814 min  
Delta R.T.: -0.002 min  
Response: 2179142  
Conc: 17.36 ug/ml



#8 n-Octadecane (C18)

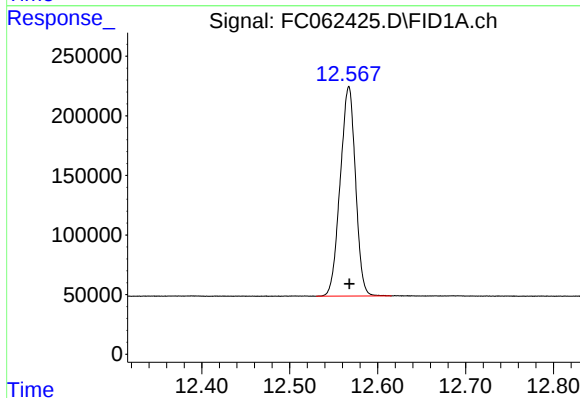
R.T.: 11.257 min  
Delta R.T.: 0.000 min  
Response: 2195314  
Conc: 17.18 ug/ml



#9 ortho-Terphenyl (SURR)

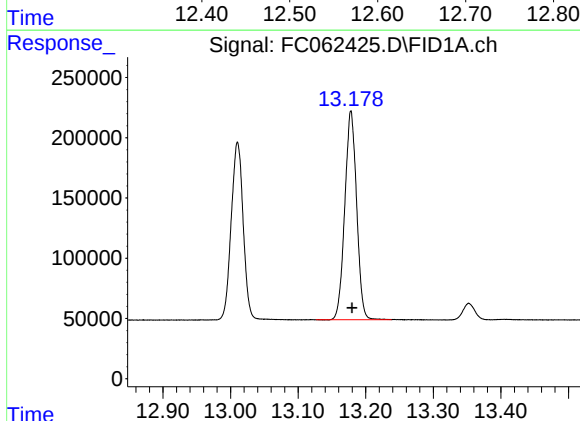
R.T.: 11.573 min  
Delta R.T.: 0.001 min  
Response: 2388661  
Conc: 16.93 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



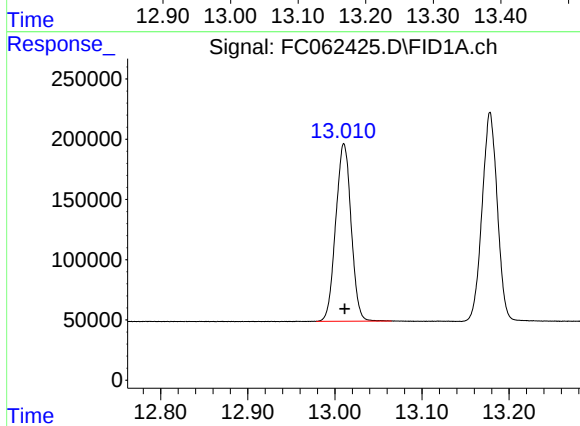
#10 n-Eicosane (C20)

R.T.: 12.567 min  
Delta R.T.: 0.000 min  
Response: 2125287  
Conc: 17.09 ug/ml



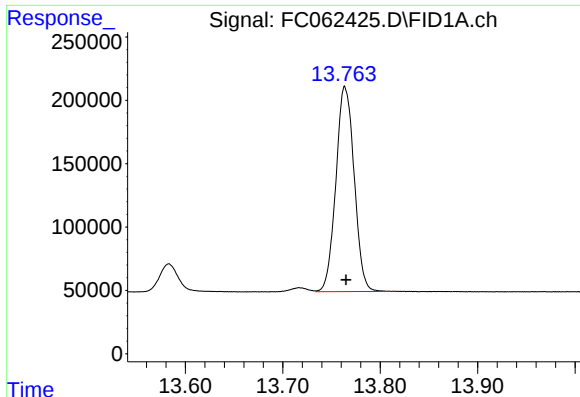
#11 n-Heneicosane (C21)

R.T.: 13.178 min  
Delta R.T.: -0.002 min  
Response: 2107755  
Conc: 17.06 ug/ml



#12 1-chlorooctadecane (SURR)

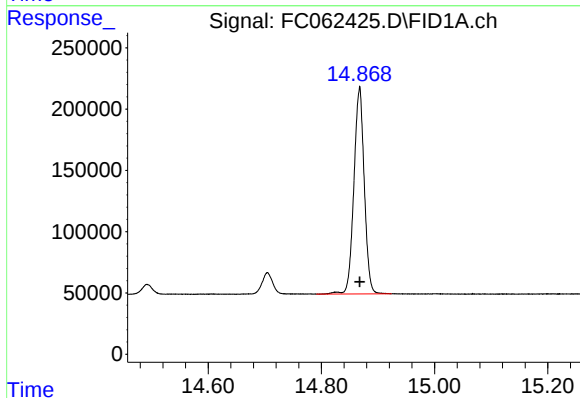
R.T.: 13.010 min  
Delta R.T.: -0.001 min  
Response: 1810642  
Conc: 16.99 ug/ml



#13 n-Docosane (C22)

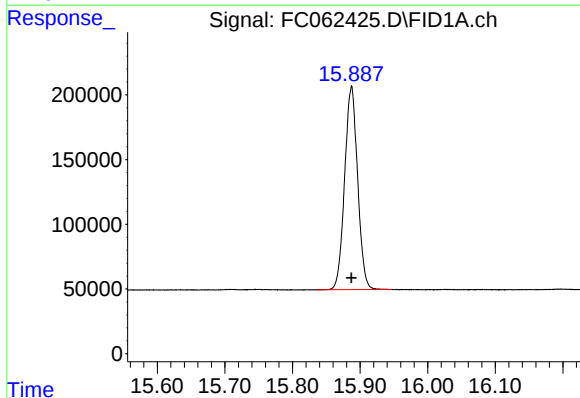
R.T.: 13.764 min  
Delta R.T.: -0.001 min  
Response: 2110441  
Conc: 17.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



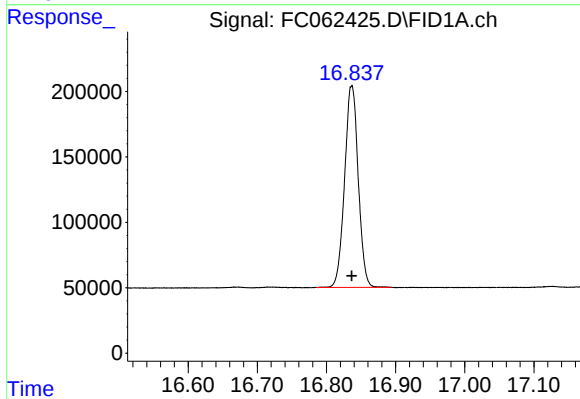
#14 n-Tetracosane (C24)

R.T.: 14.868 min  
Delta R.T.: 0.000 min  
Response: 2142781  
Conc: 17.88 ug/ml



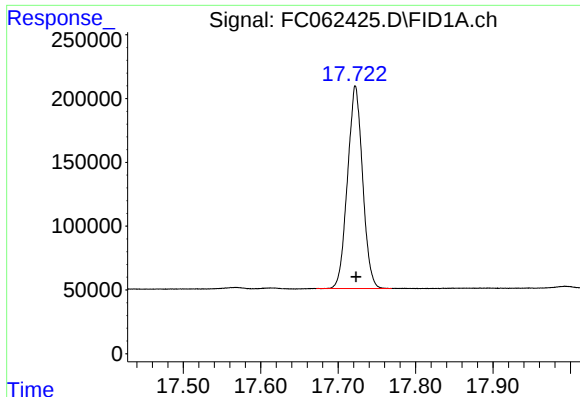
#15 n-Hexacosane (C26)

R.T.: 15.887 min  
Delta R.T.: 0.000 min  
Response: 2097346  
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

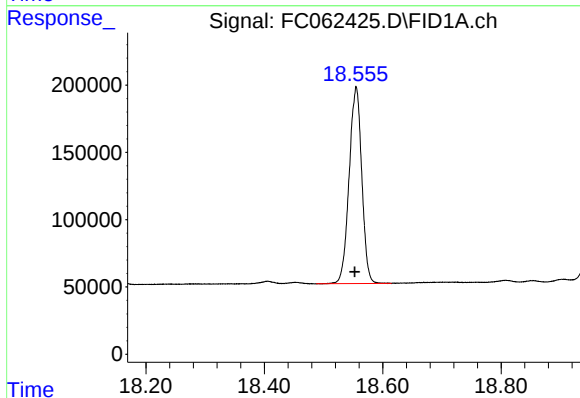
R.T.: 16.837 min  
Delta R.T.: 0.000 min  
Response: 2113614  
Conc: 18.60 ug/ml



#17 n-Tricontane (C30)

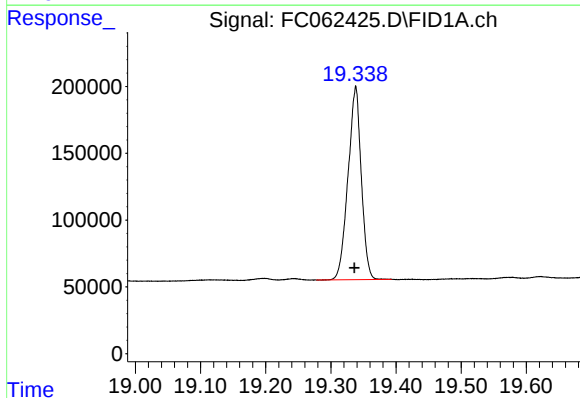
R.T.: 17.722 min  
Delta R.T.: 0.000 min  
Response: 2152581  
Conc: 19.25 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



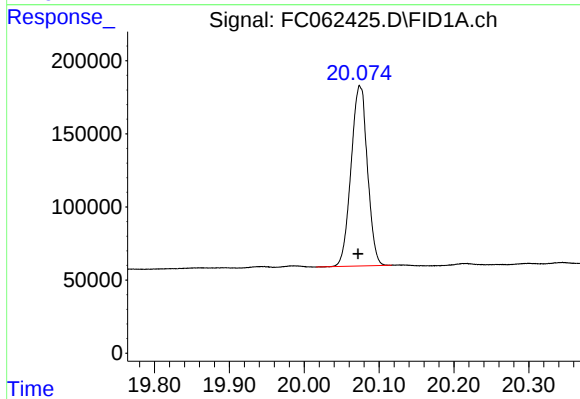
#18 n-Dotriacontane (C32)

R.T.: 18.555 min  
Delta R.T.: 0.003 min  
Response: 2164290  
Conc: 19.48 ug/ml



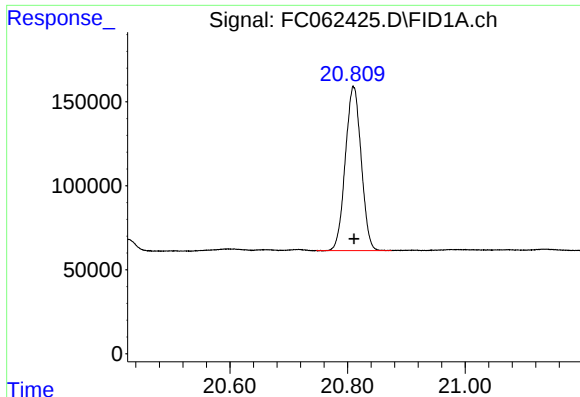
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min  
Delta R.T.: 0.002 min  
Response: 2038540  
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

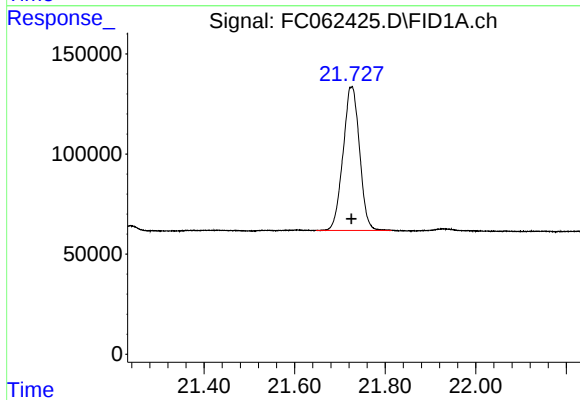
R.T.: 20.074 min  
Delta R.T.: 0.003 min  
Response: 1872315  
Conc: 18.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min  
Delta R.T.: -0.001 min  
Response: 1827494  
Conc: 17.86 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.727 min  
Delta R.T.: 0.001 min  
Response: 1816207  
Conc: 17.92 ug/ml