

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120122AL\  
 Data File : FC062354.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Dec 2022 09:05  
 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 02 10:03:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111422.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 21 12:12:05 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)    | 11.585 | 2434306    | 17.834 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.67%       |
| 12) S 1-chlorooctadecane (S... | 13.024 | 1807558    | 17.782 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.56%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.338  | 2477640    | 17.801 ug/ml |
| 2) T n-Decane (C10)            | 4.407  | 2396361    | 17.712 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.995  | 2543141    | 17.359 ug/ml |
| 4) T n-Dodecane (C12)          | 6.430  | 2369635    | 17.738 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.054  | 2284117    | 17.033 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.227  | 2296075    | 17.589 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.828  | 2310180    | 17.819 ug/ml |
| 8) T n-Octadecane (C18)        | 11.271 | 2289034    | 17.927 ug/ml |
| 10) T n-Eicosane (C20)         | 12.580 | 2185994    | 17.983 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.192 | 2165687    | 17.969 ug/ml |
| 13) T n-Docosane (C22)         | 13.778 | 2117599    | 17.963 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.880 | 2076410    | 18.045 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.899 | 2024028    | 18.165 ug/ml |
| 16) T n-Octacosane (C28)       | 16.849 | 2061116    | 18.798 ug/ml |
| 17) T n-Tricontane (C30)       | 17.735 | 2298483    | 20.989 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.564 | 2531240    | 22.918 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.346 | 2535197    | 23.187 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.086 | 2294676    | 21.895 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.824 | 2172266    | 20.989 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.741 | 1981788    | 19.306 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

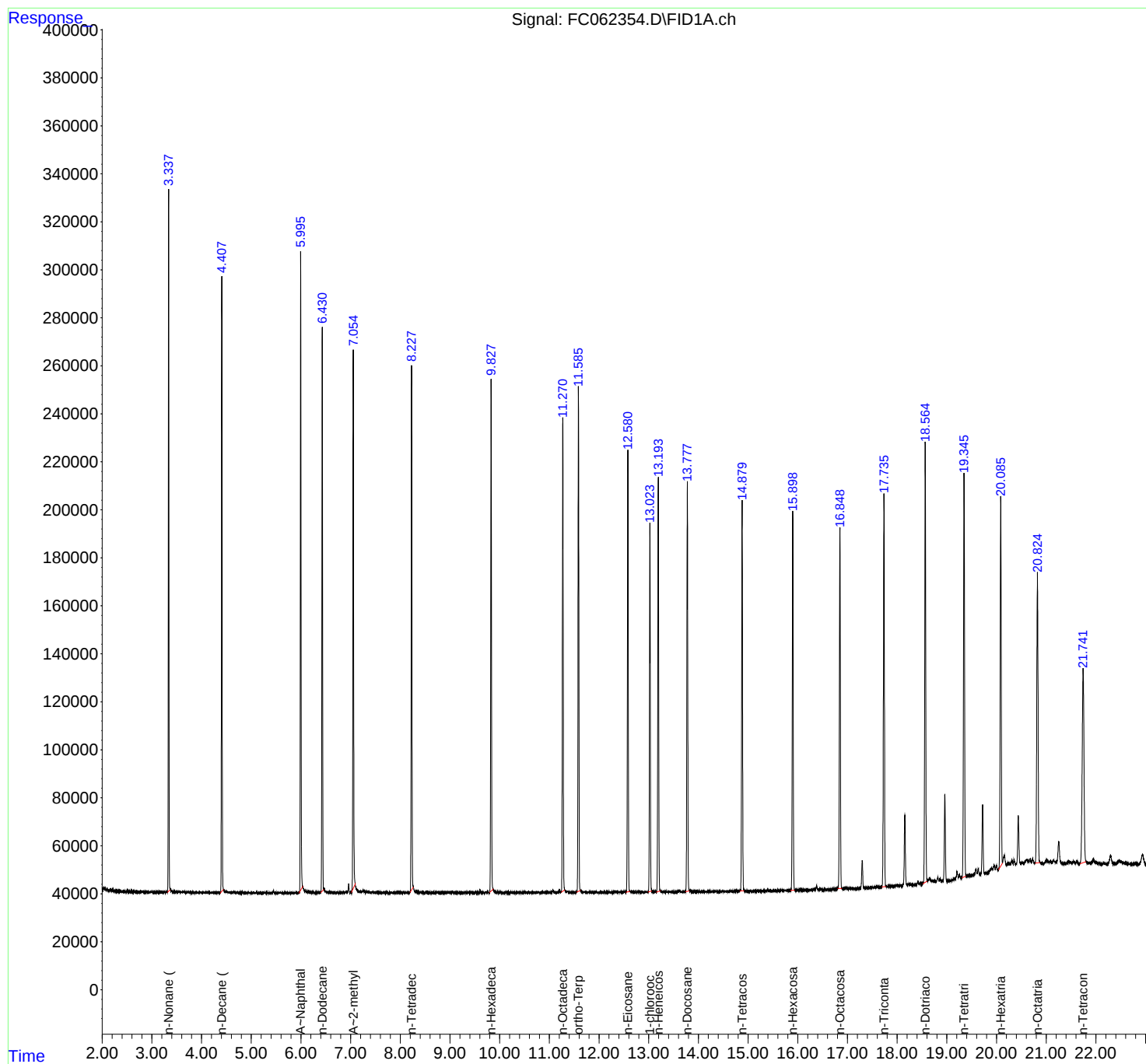
(m)=manual int.

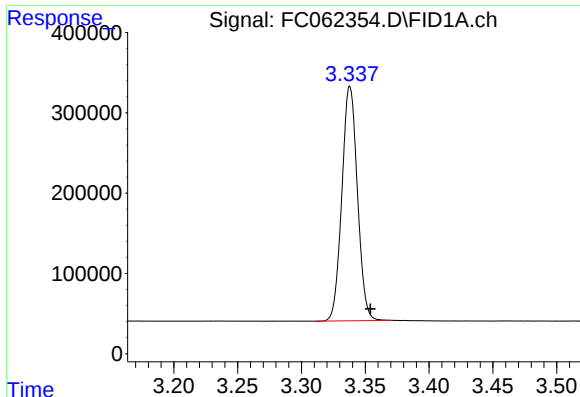
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120122AL\  
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Signal(s) : FID1A.ch  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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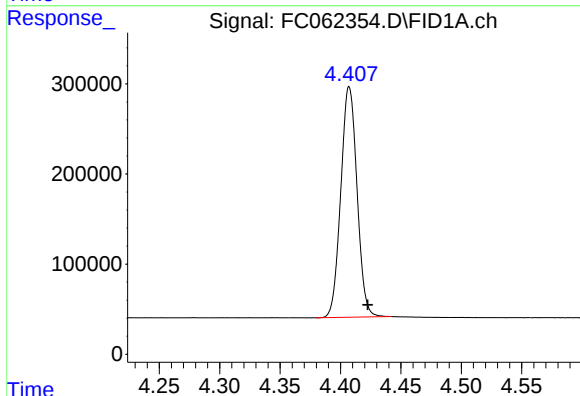




#1 n-Nonane (C9)

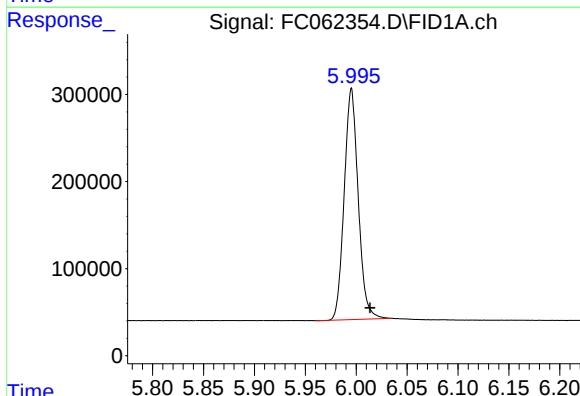
R.T.: 3.338 min  
Delta R.T.: -0.016 min  
Response: 2477640  
Conc: 17.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



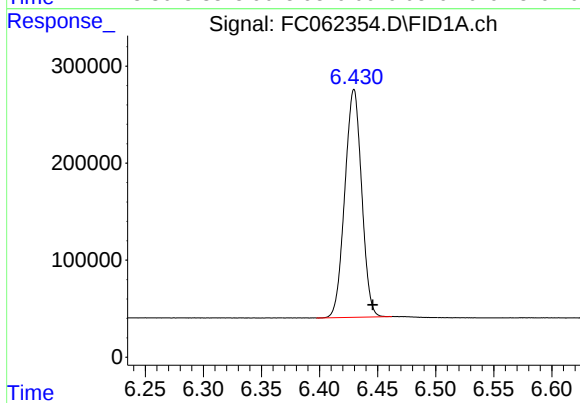
#2 n-Decane (C10)

R.T.: 4.407 min  
Delta R.T.: -0.015 min  
Response: 2396361  
Conc: 17.71 ug/ml



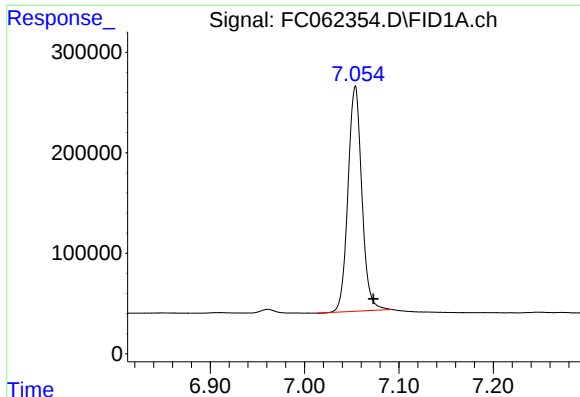
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min  
Delta R.T.: -0.018 min  
Response: 2543141  
Conc: 17.36 ug/ml



#4 n-Dodecane (C12)

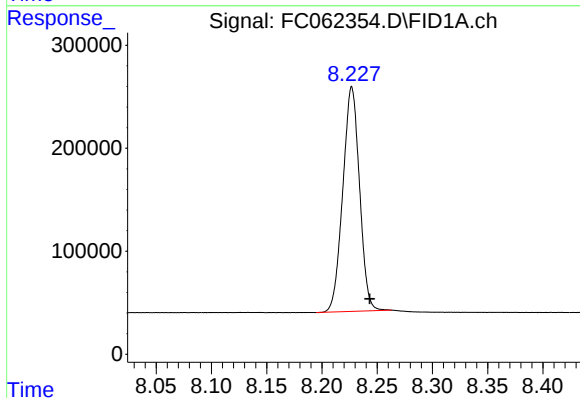
R.T.: 6.430 min  
Delta R.T.: -0.016 min  
Response: 2369635  
Conc: 17.74 ug/ml



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

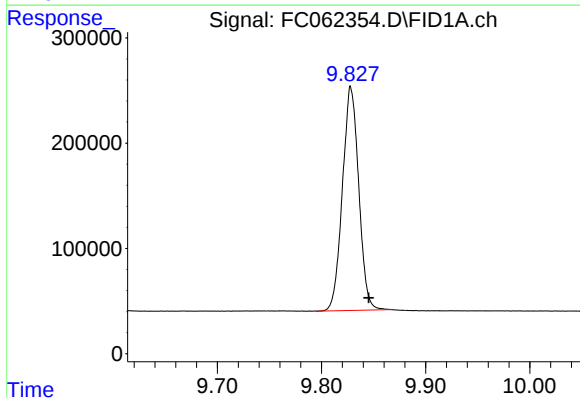
R.T.: 7.054 min  
Delta R.T.: -0.019 min  
Response: 2284117  
Conc: 17.03 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



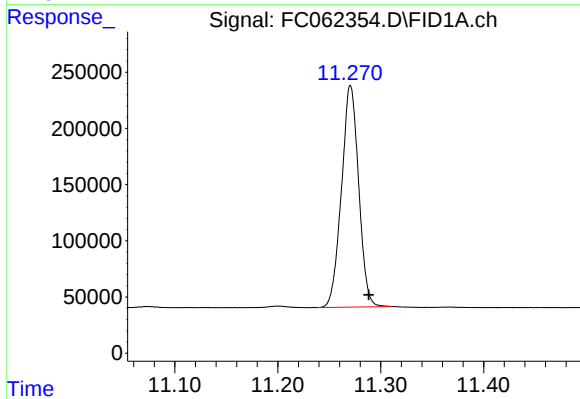
#6 n-Tetradecane (C14)

R.T.: 8.227 min  
Delta R.T.: -0.016 min  
Response: 2296075  
Conc: 17.59 ug/ml



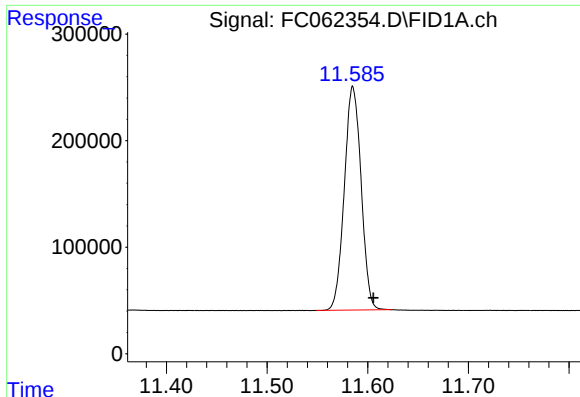
#7 n-Hexadecane (C16)

R.T.: 9.828 min  
Delta R.T.: -0.017 min  
Response: 2310180  
Conc: 17.82 ug/ml



#8 n-Octadecane (C18)

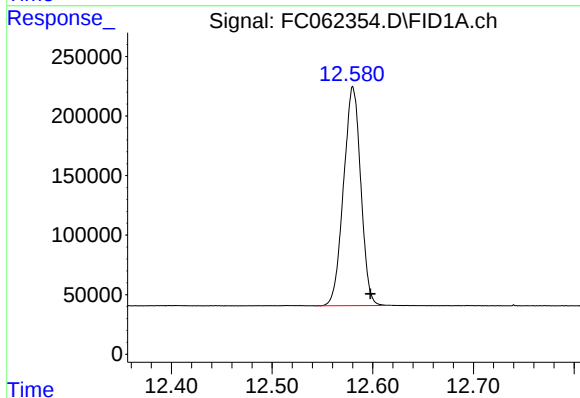
R.T.: 11.271 min  
Delta R.T.: -0.018 min  
Response: 2289034  
Conc: 17.93 ug/ml



#9 ortho-Terphenyl (SURR)

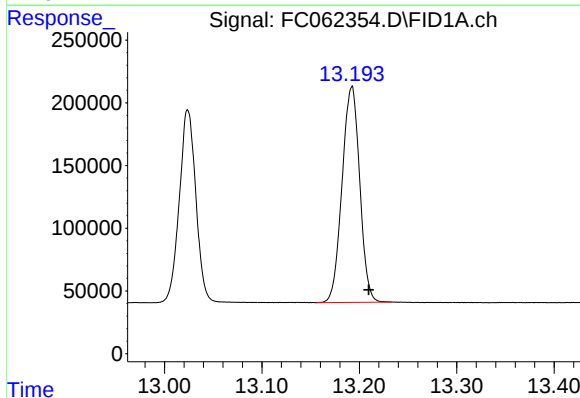
R.T.: 11.585 min  
Delta R.T.: -0.020 min  
Response: 2434306  
Conc: 17.83 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



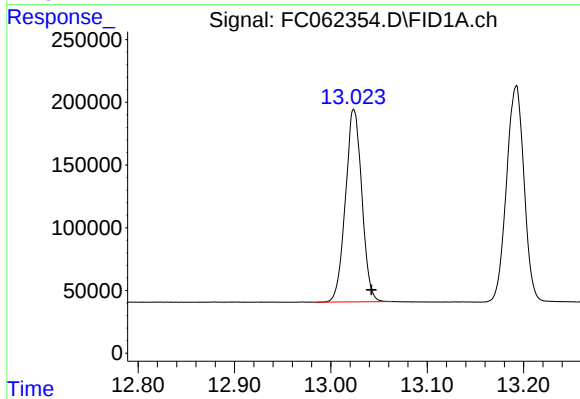
#10 n-Eicosane (C20)

R.T.: 12.580 min  
Delta R.T.: -0.017 min  
Response: 2185994  
Conc: 17.98 ug/ml



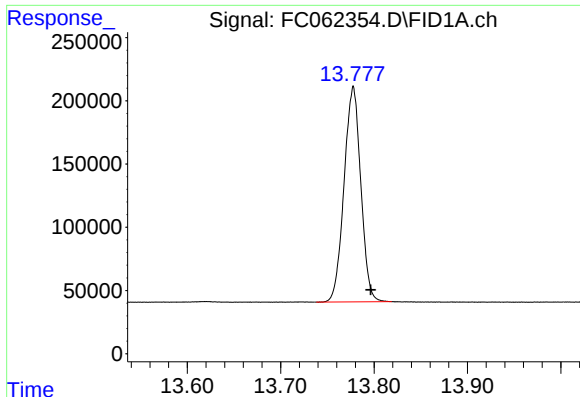
#11 n-Heneicosane (C21)

R.T.: 13.192 min  
Delta R.T.: -0.017 min  
Response: 2165687  
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

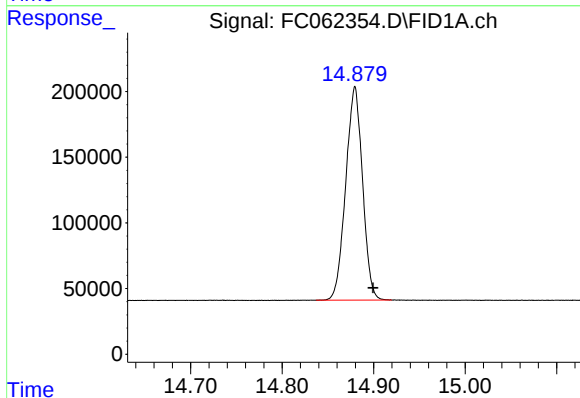
R.T.: 13.024 min  
Delta R.T.: -0.018 min  
Response: 1807558  
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

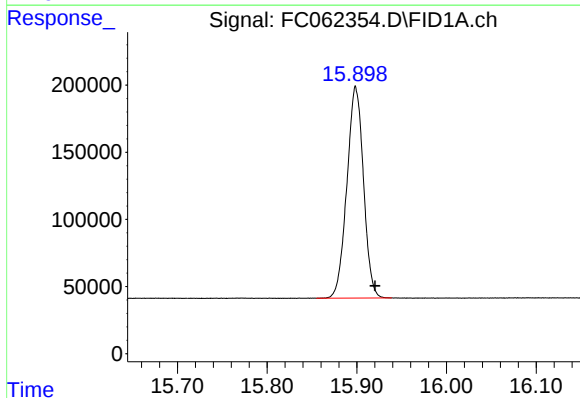
R.T.: 13.778 min  
Delta R.T.: -0.019 min  
Response: 2117599  
Conc: 17.96 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



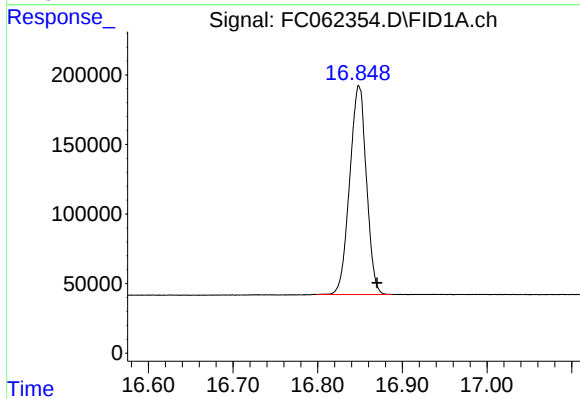
#14 n-Tetracosane (C24)

R.T.: 14.880 min  
Delta R.T.: -0.020 min  
Response: 2076410  
Conc: 18.05 ug/ml



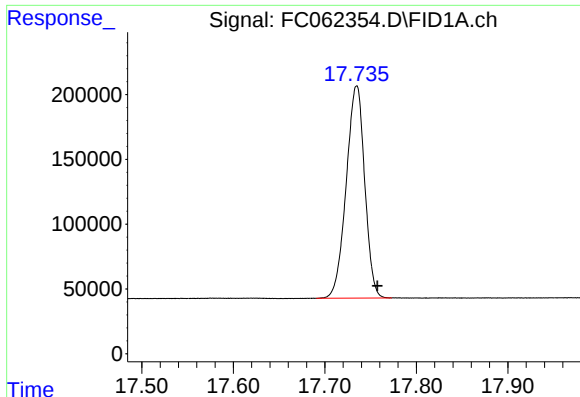
#15 n-Hexacosane (C26)

R.T.: 15.899 min  
Delta R.T.: -0.022 min  
Response: 2024028  
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

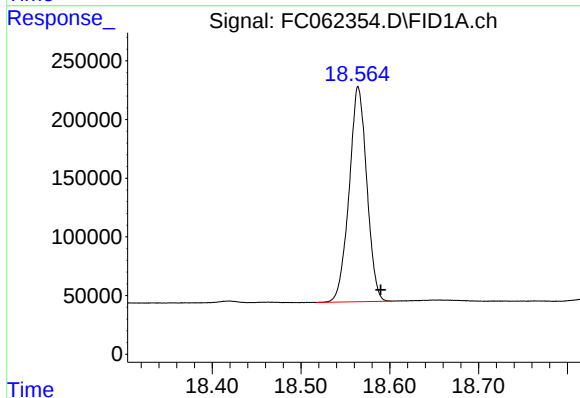
R.T.: 16.849 min  
Delta R.T.: -0.021 min  
Response: 2061116  
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

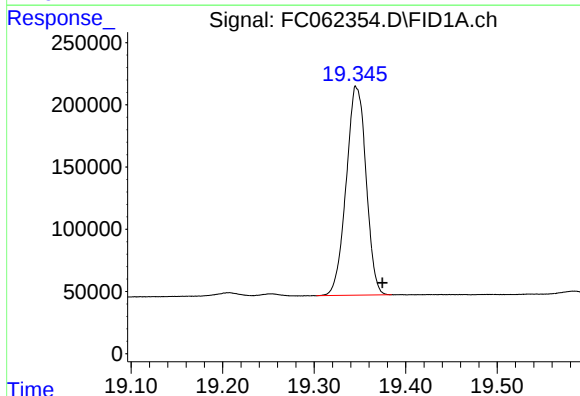
R.T.: 17.735 min  
Delta R.T.: -0.023 min  
Response: 2298483  
Conc: 20.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



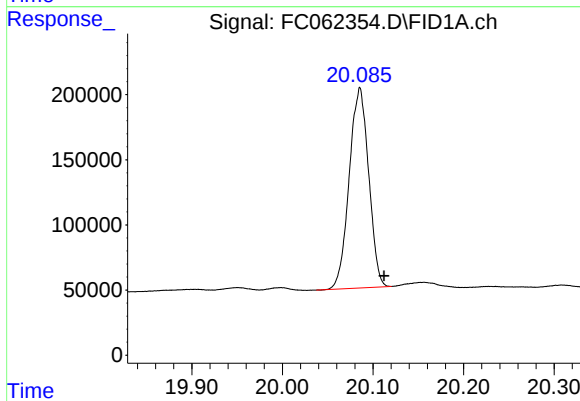
#18 n-Dotriacontane (C32)

R.T.: 18.564 min  
Delta R.T.: -0.025 min  
Response: 2531240  
Conc: 22.92 ug/ml



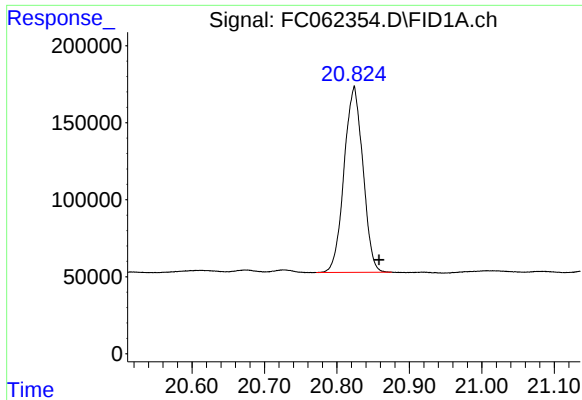
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min  
Delta R.T.: -0.029 min  
Response: 2535197  
Conc: 23.19 ug/ml



#20 n-Hexatriacontane (C36)

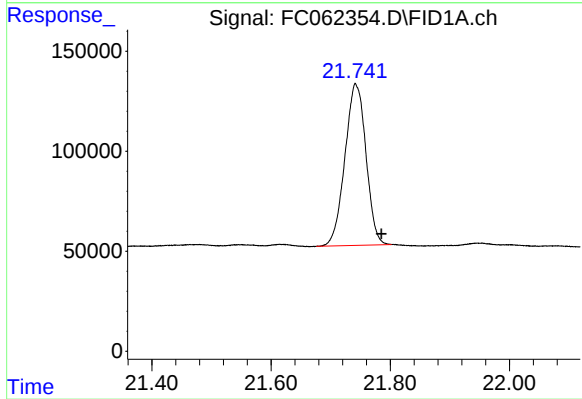
R.T.: 20.086 min  
Delta R.T.: -0.027 min  
Response: 2294676  
Conc: 21.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.824 min  
Delta R.T.: -0.034 min  
Response: 2172266  
Conc: 20.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.741 min  
Delta R.T.: -0.044 min  
Response: 1981788  
Conc: 19.31 ug/ml