

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE073123AL\  
 Data File : FE043639.D  
 Signal(s) : FID1B.ch  
 Acq On : 31 Jul 2023 16:06  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 01 04:00:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:02:53 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)    | 11.885 | 3305031    | 18.457 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.91%       |
| 12) S 1-chlorooctadecane (S... | 13.322 | 2420487    | 18.421 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.261  | 2816801    | 18.449 ug/ml |
| 2) T n-Decane (C10)            | 4.515  | 2917054    | 18.712 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.227  | 2980432    | 18.522 ug/ml |
| 4) T n-Dodecane (C12)          | 6.686  | 2925866    | 18.568 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.325  | 2802297    | 18.468 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.515  | 2904453    | 18.363 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.123 | 2994921    | 18.506 ug/ml |
| 8) T n-Octadecane (C18)        | 11.566 | 3011273    | 18.472 ug/ml |
| 10) T n-Eicosane (C20)         | 12.875 | 2861493    | 18.417 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.488 | 2787697    | 18.400 ug/ml |
| 13) T n-Docosane (C22)         | 14.074 | 2747597    | 18.385 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.178 | 2688069    | 18.304 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.199 | 2619776    | 18.394 ug/ml |
| 16) T n-Octacosane (C28)       | 17.149 | 2567988    | 18.251 ug/ml |
| 17) T n-Tricontane (C30)       | 18.037 | 2654954    | 18.022 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.869 | 2668067    | 18.006 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.654 | 2647825    | 18.347 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.394 | 2650157    | 18.031 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.130 | 2739896    | 19.207 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.038 | 2878454    | 19.504 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

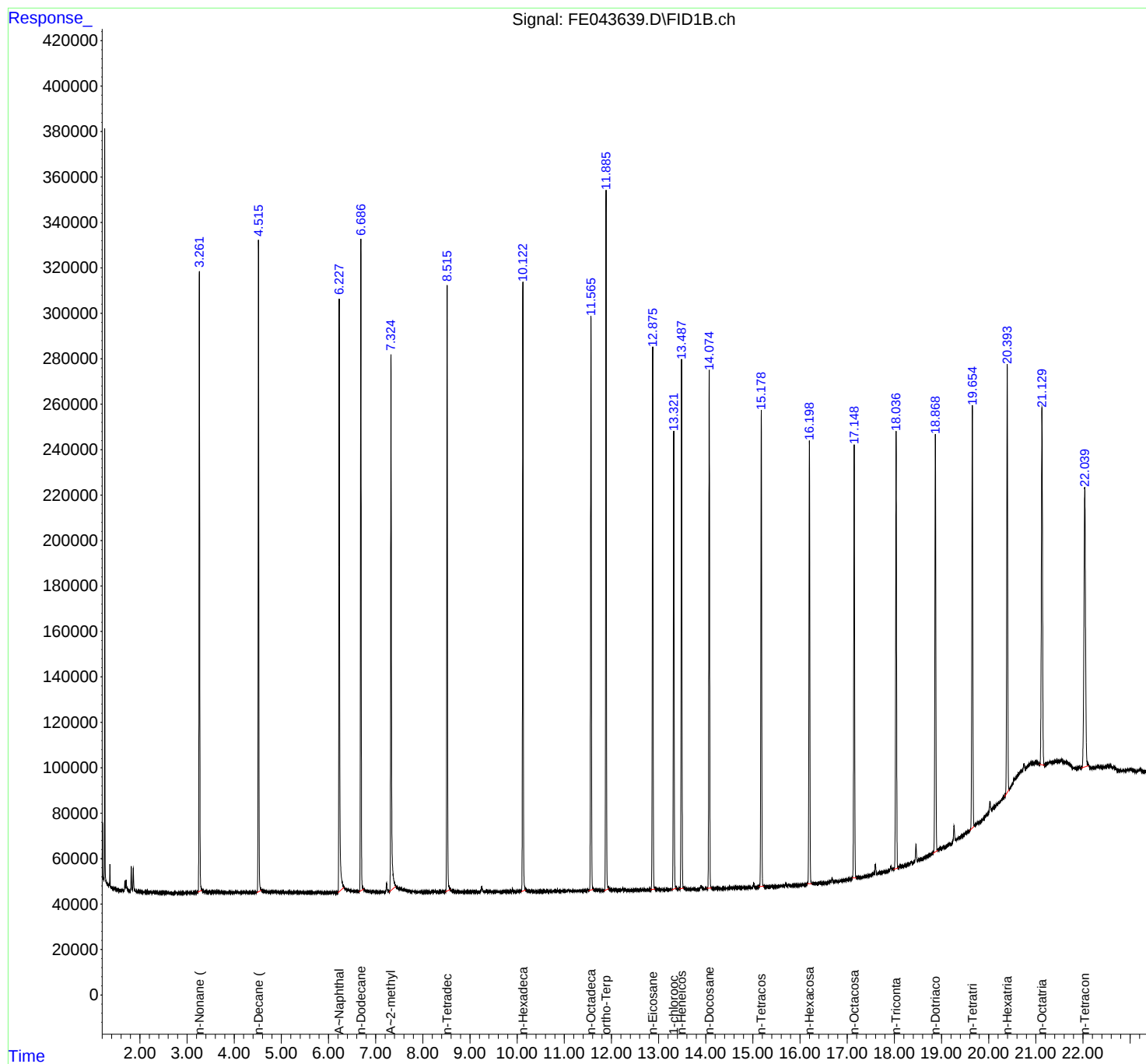
(m)=manual int.

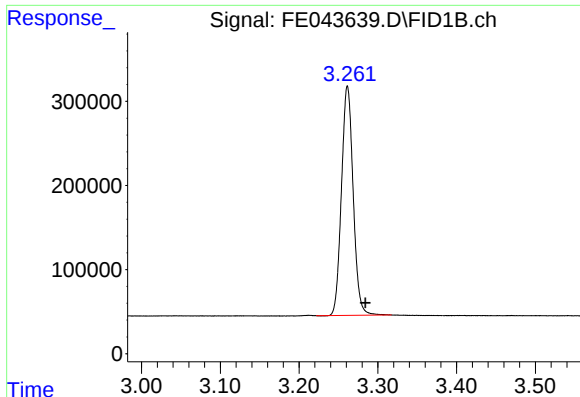
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE073123AL\  
Data File : FE043639.D  
Signal(s) : FID1B.ch  
Acq On : 31 Jul 2023 16:06  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Aug 01 04:00:32 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 13 03:02:53 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

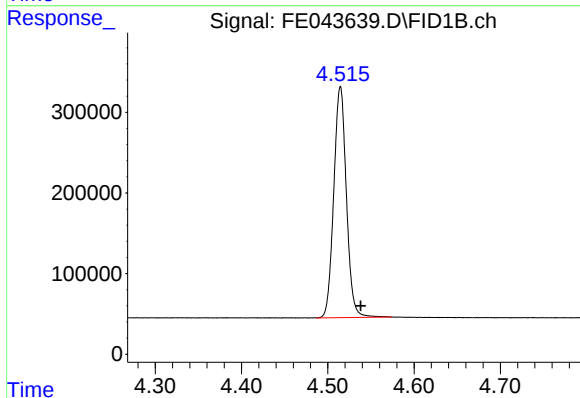




#1 n-Nonane (C9)

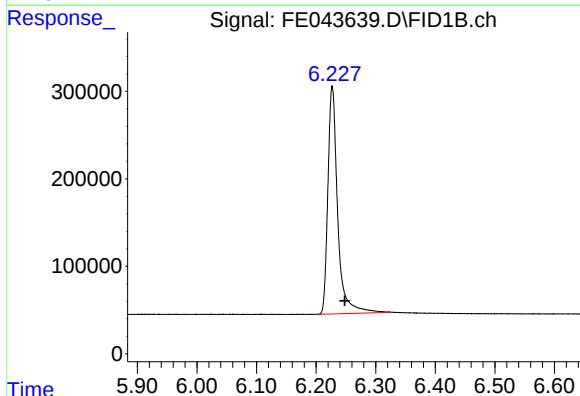
R.T.: 3.261 min  
Delta R.T.: -0.022 min  
Response: 2816801  
Conc: 18.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



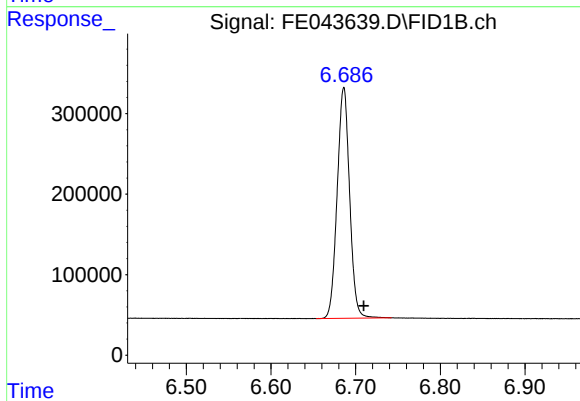
#2 n-Decane (C10)

R.T.: 4.515 min  
Delta R.T.: -0.023 min  
Response: 2917054  
Conc: 18.71 ug/ml



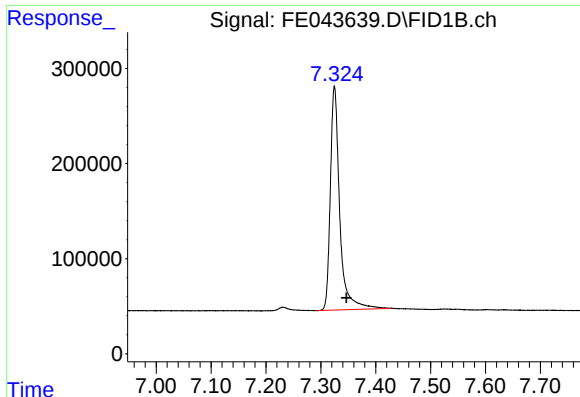
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min  
Delta R.T.: -0.021 min  
Response: 2980432  
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

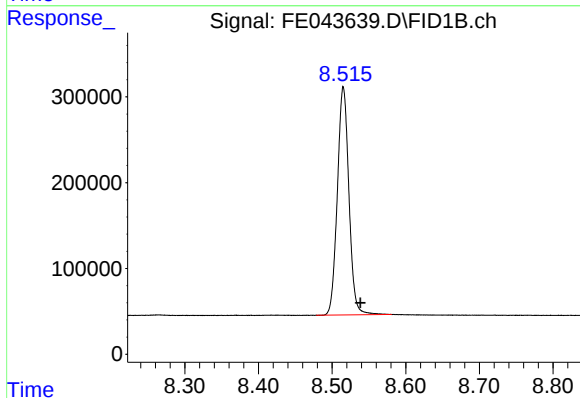
R.T.: 6.686 min  
Delta R.T.: -0.023 min  
Response: 2925866  
Conc: 18.57 ug/ml



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

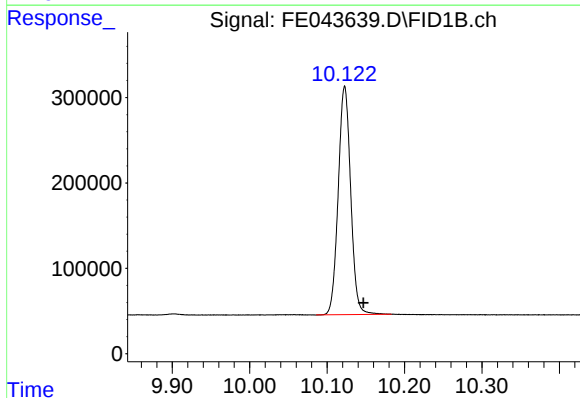
R.T.: 7.325 min  
Delta R.T.: -0.022 min  
Response: 2802297  
Conc: 18.47 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



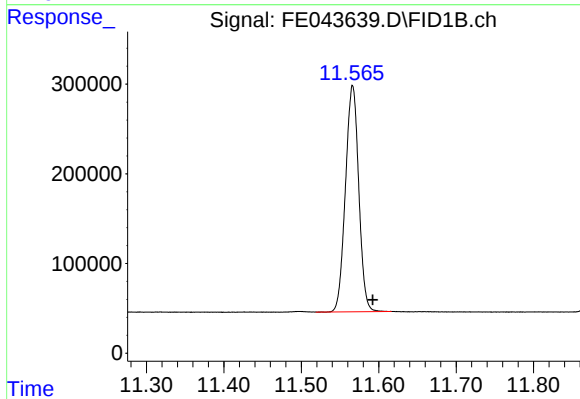
#6 n-Tetradecane (C14)

R.T.: 8.515 min  
Delta R.T.: -0.023 min  
Response: 2904453  
Conc: 18.36 ug/ml



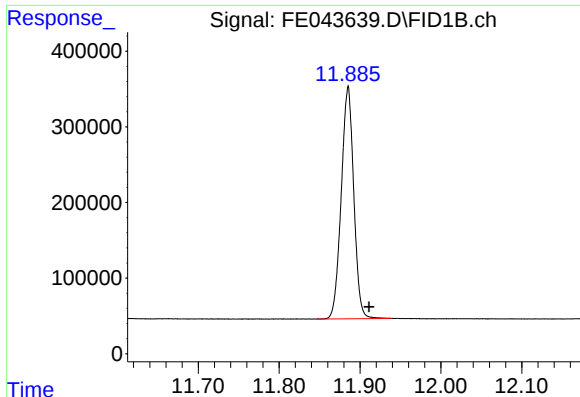
#7 n-Hexadecane (C16)

R.T.: 10.123 min  
Delta R.T.: -0.024 min  
Response: 2994921  
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

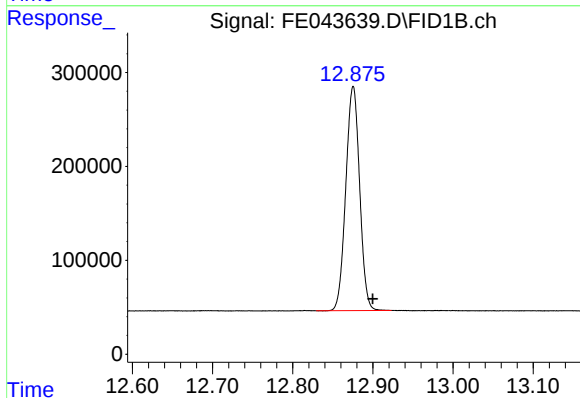
R.T.: 11.566 min  
Delta R.T.: -0.026 min  
Response: 3011273  
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

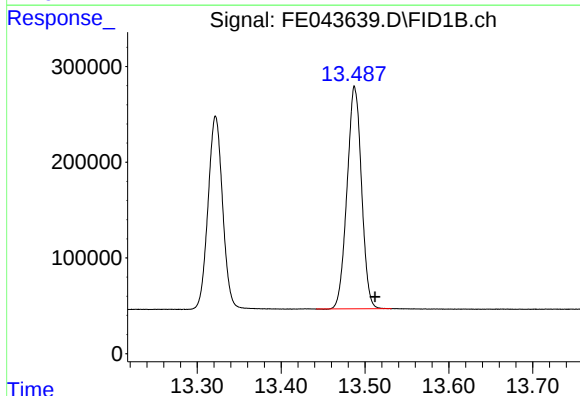
R.T.: 11.885 min  
Delta R.T.: -0.026 min  
Response: 3305031  
Conc: 18.46 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



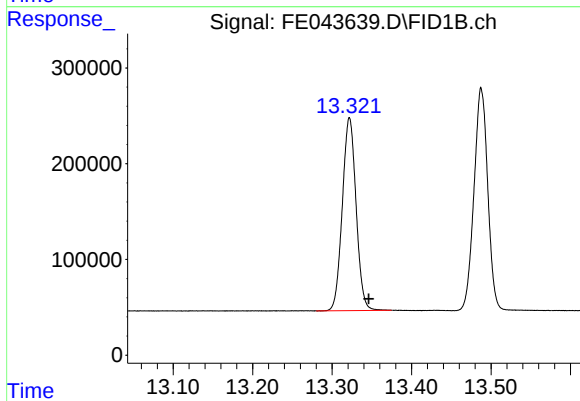
#10 n-Eicosane (C20)

R.T.: 12.875 min  
Delta R.T.: -0.024 min  
Response: 2861493  
Conc: 18.42 ug/ml



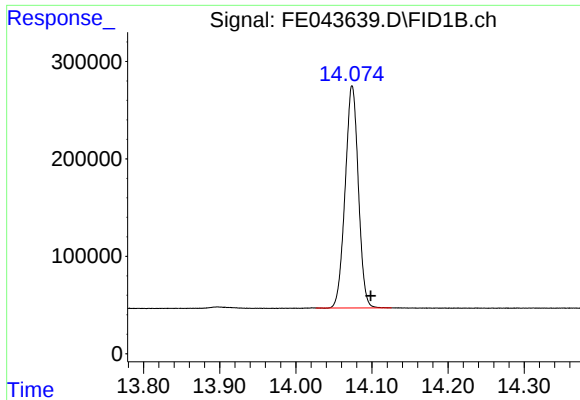
#11 n-Heneicosane (C21)

R.T.: 13.488 min  
Delta R.T.: -0.024 min  
Response: 2787697  
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

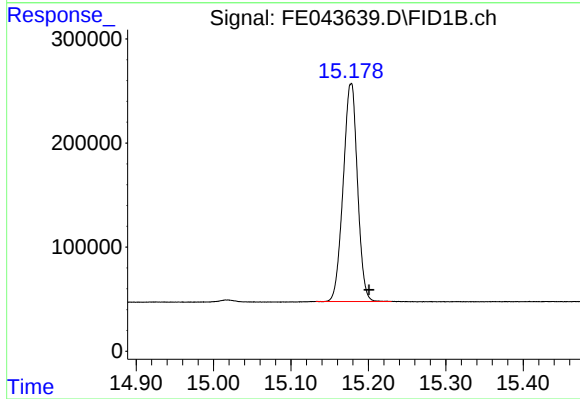
R.T.: 13.322 min  
Delta R.T.: -0.024 min  
Response: 2420487  
Conc: 18.42 ug/ml



#13 n-Docosane (C22)

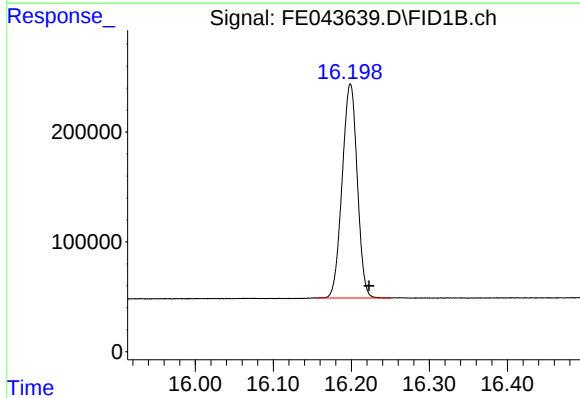
R.T.: 14.074 min  
Delta R.T.: -0.024 min  
Response: 2747597  
Conc: 18.38 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



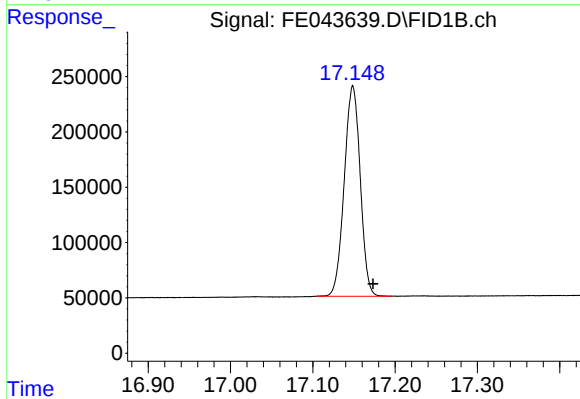
#14 n-Tetracosane (C24)

R.T.: 15.178 min  
Delta R.T.: -0.023 min  
Response: 2688069  
Conc: 18.30 ug/ml



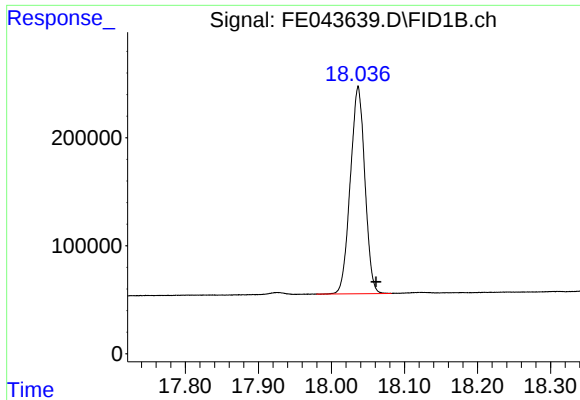
#15 n-Hexacosane (C26)

R.T.: 16.199 min  
Delta R.T.: -0.024 min  
Response: 2619776  
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

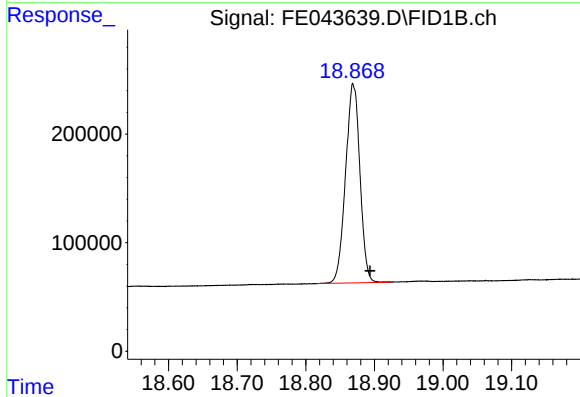
R.T.: 17.149 min  
Delta R.T.: -0.025 min  
Response: 2567988  
Conc: 18.25 ug/ml



#17 n-Tricontane (C30)

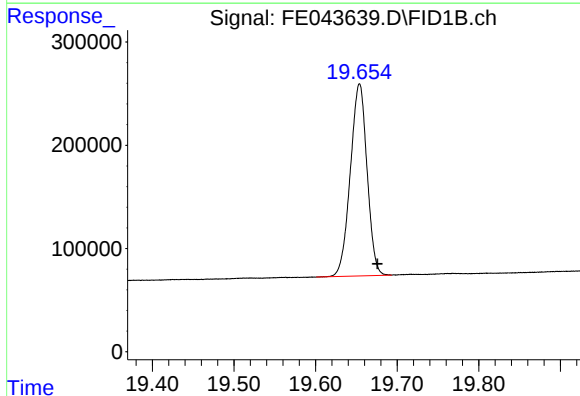
R.T.: 18.037 min  
Delta R.T.: -0.024 min  
Response: 2654954  
Conc: 18.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



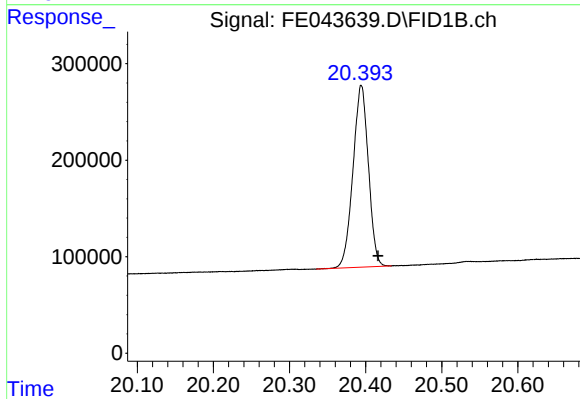
#18 n-Dotriacontane (C32)

R.T.: 18.869 min  
Delta R.T.: -0.025 min  
Response: 2668067  
Conc: 18.01 ug/ml



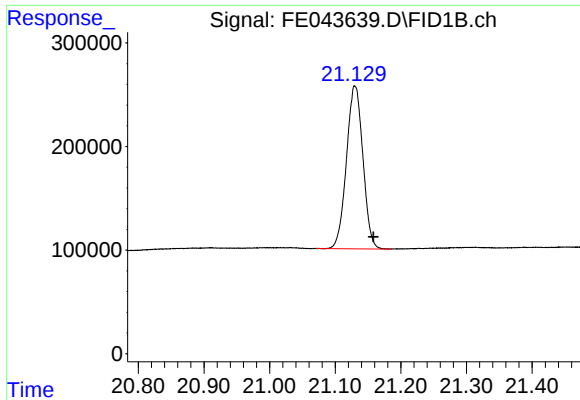
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min  
Delta R.T.: -0.022 min  
Response: 2647825  
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

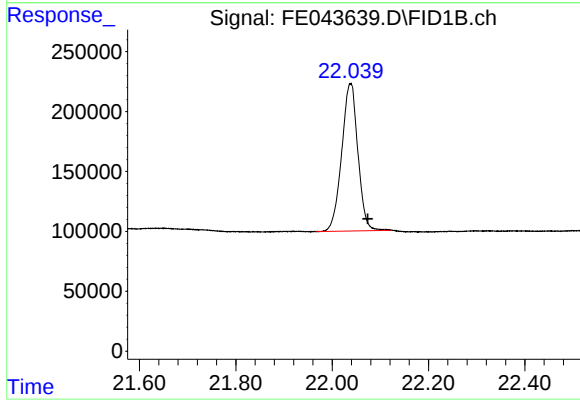
R.T.: 20.394 min  
Delta R.T.: -0.022 min  
Response: 2650157  
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min  
Delta R.T.: -0.028 min  
Response: 2739896  
Conc: 19.21 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.038 min  
Delta R.T.: -0.036 min  
Response: 2878454  
Conc: 19.50 ug/ml