

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE073123AL\  
 Data File : FE043629.D  
 Signal(s) : FID1B.ch  
 Acq On : 31 Jul 2023 11:01  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 31 12:04:26 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)    | 11.888 | 3298035    | 18.418 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.84%       |
| 12) S 1-chlorooctadecane (S... | 13.325 | 2403066    | 18.289 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.58%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.263  | 2800788    | 18.344 ug/ml |
| 2) T n-Decane (C10)            | 4.516  | 2892956    | 18.557 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.229  | 2952660    | 18.349 ug/ml |
| 4) T n-Dodecane (C12)          | 6.687  | 2914001    | 18.493 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.327  | 2771705    | 18.266 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.517  | 2889722    | 18.270 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.125 | 2980593    | 18.418 ug/ml |
| 8) T n-Octadecane (C18)        | 11.569 | 2996159    | 18.379 ug/ml |
| 10) T n-Eicosane (C20)         | 12.878 | 2849537    | 18.341 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.491 | 2779651    | 18.347 ug/ml |
| 13) T n-Docosane (C22)         | 14.078 | 2741206    | 18.342 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.179 | 2682084    | 18.263 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.201 | 2607399    | 18.307 ug/ml |
| 16) T n-Octacosane (C28)       | 17.152 | 2559505    | 18.191 ug/ml |
| 17) T n-Tricontane (C30)       | 18.040 | 2633878    | 17.879 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.874 | 2637315    | 17.798 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.657 | 2626157    | 18.197 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.397 | 2666102    | 18.139 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.134 | 3181680    | 22.304 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.042 | 2881571    | 19.525 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

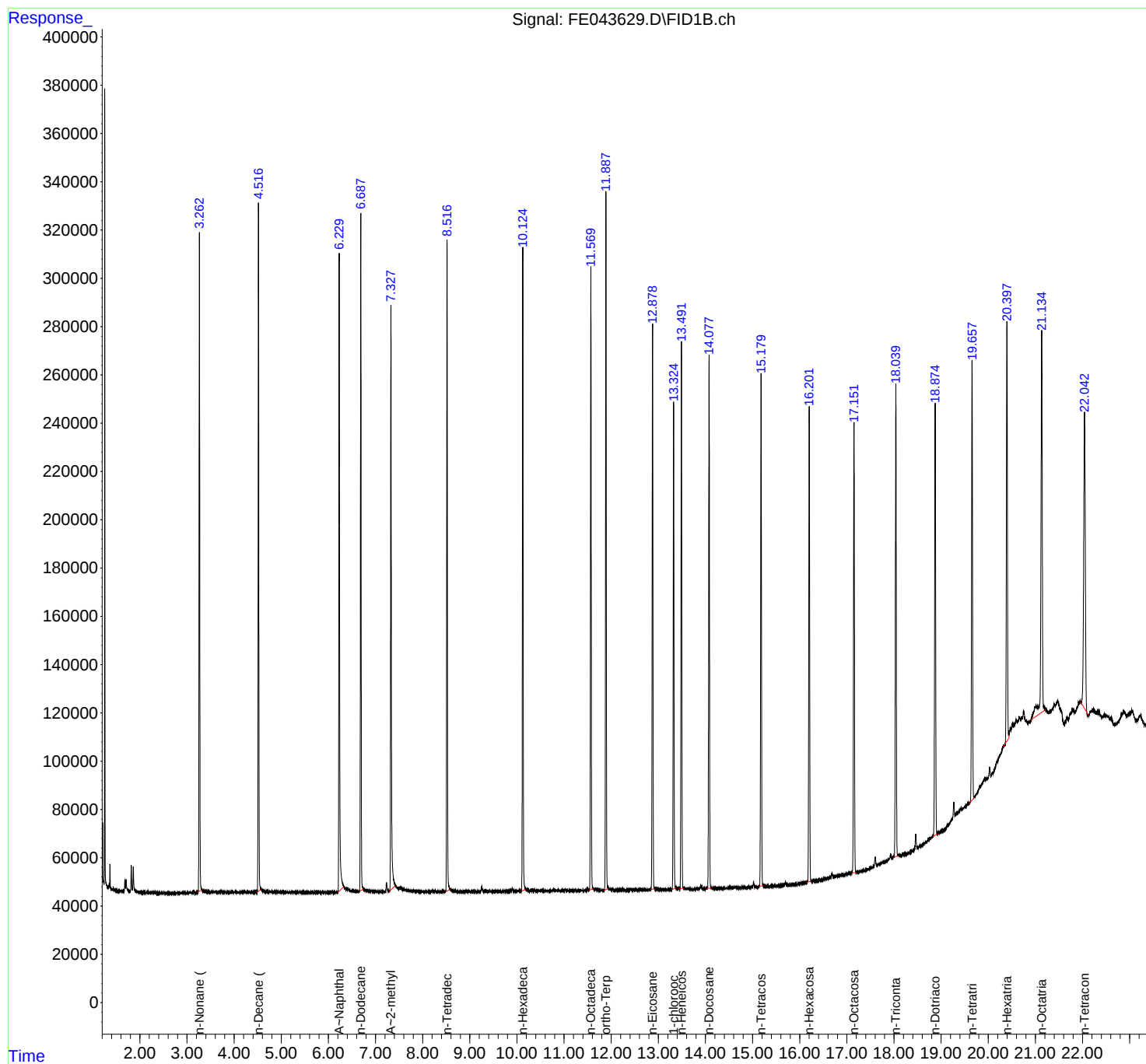
(m)=manual int.

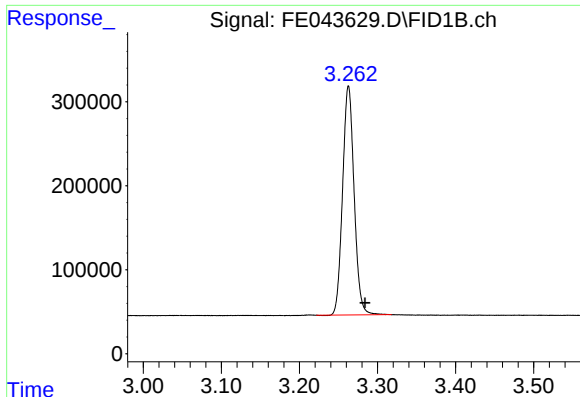
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE073123AL\  
Data File : FE043629.D  
Signal(s) : FID1B.ch  
Acq On : 31 Jul 2023 11:01  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_E  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Jul 31 12:04:26 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  
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Volume Inj. : 1 ul  
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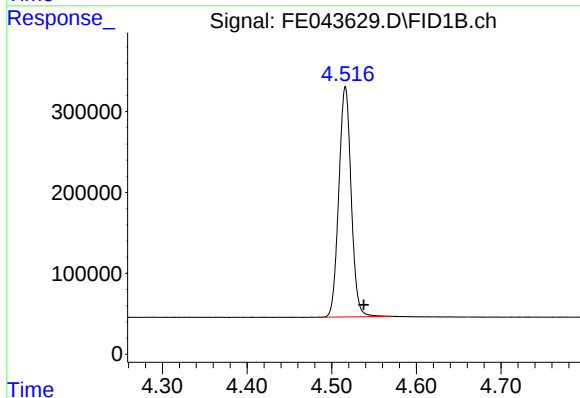




#1 n-Nonane (C9)

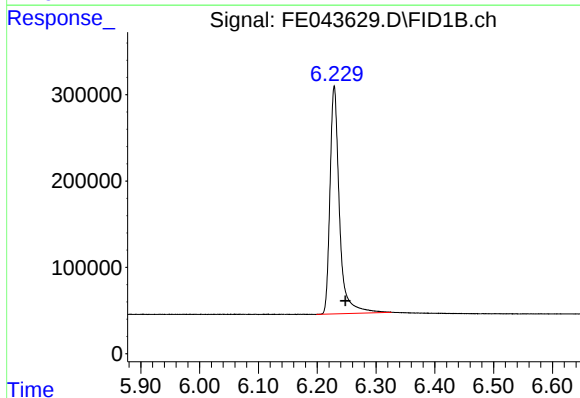
R.T.: 3.263 min  
Delta R.T.: -0.021 min  
Response: 2800788  
Conc: 18.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



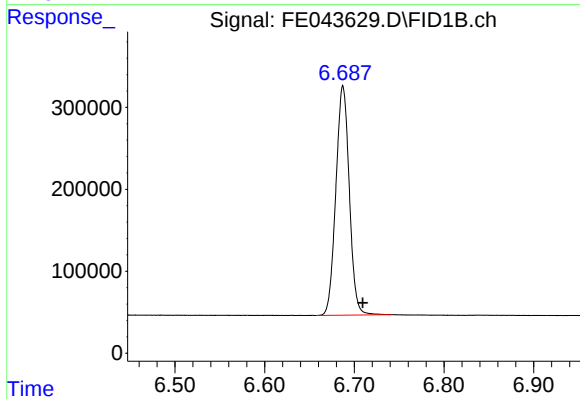
#2 n-Decane (C10)

R.T.: 4.516 min  
Delta R.T.: -0.022 min  
Response: 2892956  
Conc: 18.56 ug/ml



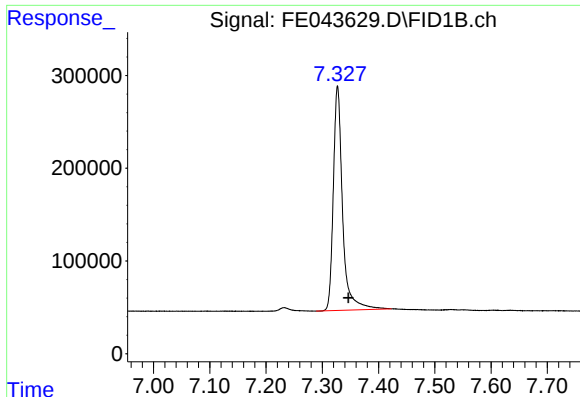
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min  
Delta R.T.: -0.019 min  
Response: 2952660  
Conc: 18.35 ug/ml



#4 n-Dodecane (C12)

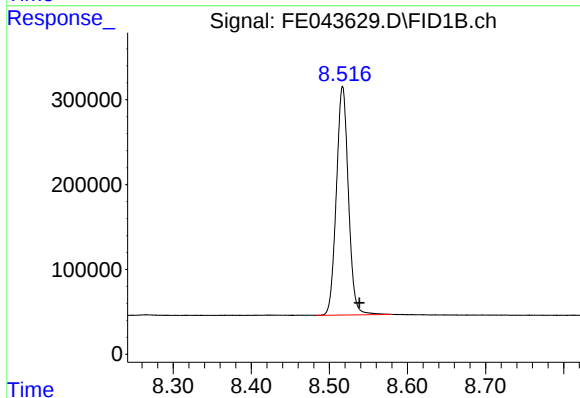
R.T.: 6.687 min  
Delta R.T.: -0.022 min  
Response: 2914001  
Conc: 18.49 ug/ml



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

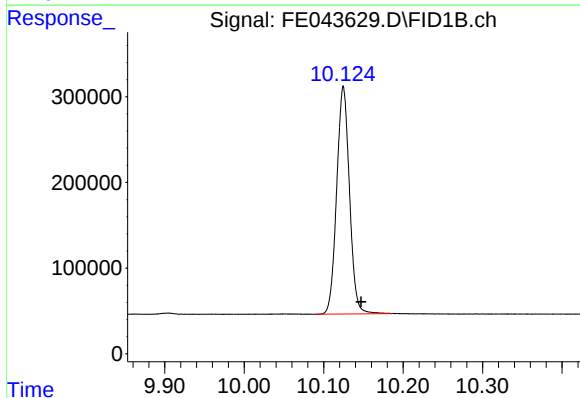
R.T.: 7.327 min  
Delta R.T.: -0.019 min  
Response: 2771705  
Conc: 18.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



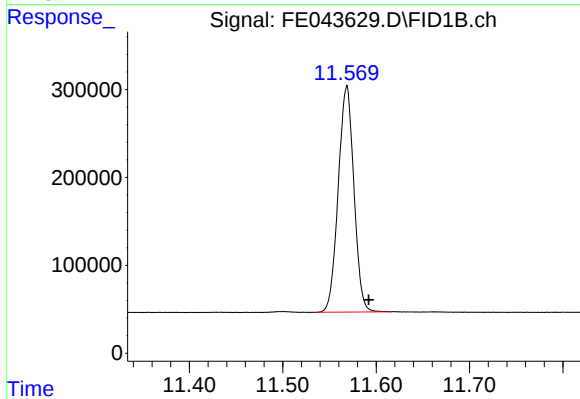
#6 n-Tetradecane (C14)

R.T.: 8.517 min  
Delta R.T.: -0.021 min  
Response: 2889722  
Conc: 18.27 ug/ml



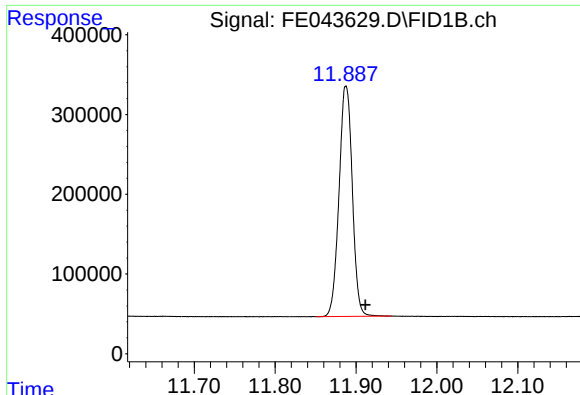
#7 n-Hexadecane (C16)

R.T.: 10.125 min  
Delta R.T.: -0.022 min  
Response: 2980593  
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

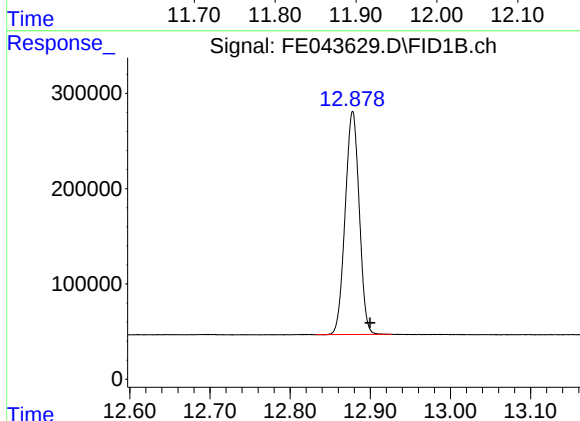
R.T.: 11.569 min  
Delta R.T.: -0.024 min  
Response: 2996159  
Conc: 18.38 ug/ml



#9 ortho-Terphenyl (SURR)

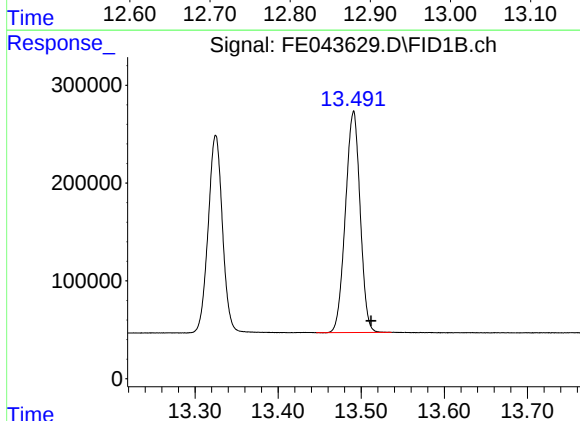
R.T.: 11.888 min  
Delta R.T.: -0.024 min  
Response: 3298035  
Conc: 18.42 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



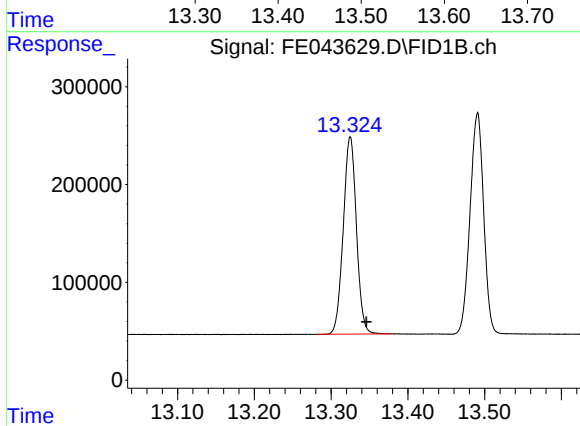
#10 n-Eicosane (C20)

R.T.: 12.878 min  
Delta R.T.: -0.022 min  
Response: 2849537  
Conc: 18.34 ug/ml



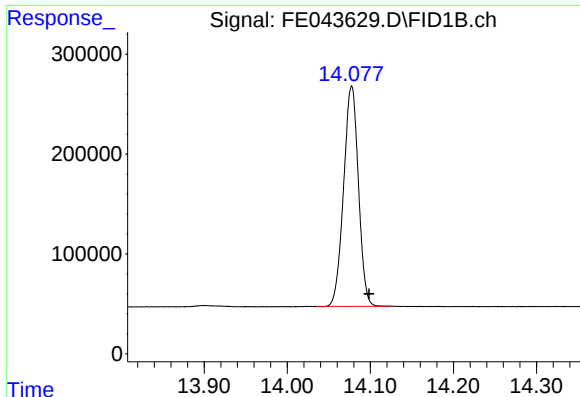
#11 n-Heneicosane (C21)

R.T.: 13.491 min  
Delta R.T.: -0.021 min  
Response: 2779651  
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

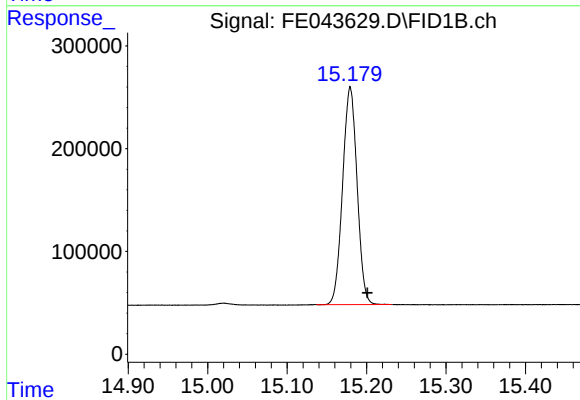
R.T.: 13.325 min  
Delta R.T.: -0.021 min  
Response: 2403066  
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

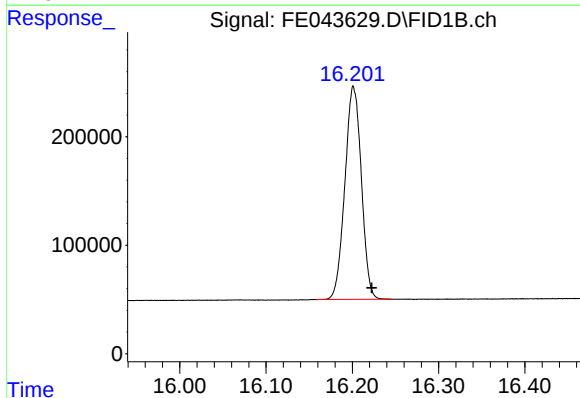
R.T.: 14.078 min  
Delta R.T.: -0.021 min  
Response: 2741206  
Conc: 18.34 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



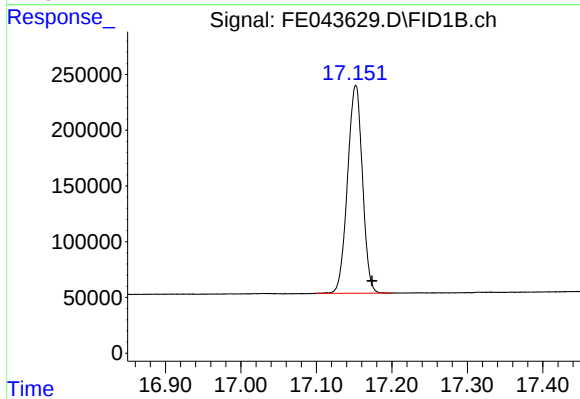
#14 n-Tetracosane (C24)

R.T.: 15.179 min  
Delta R.T.: -0.022 min  
Response: 2682084  
Conc: 18.26 ug/ml



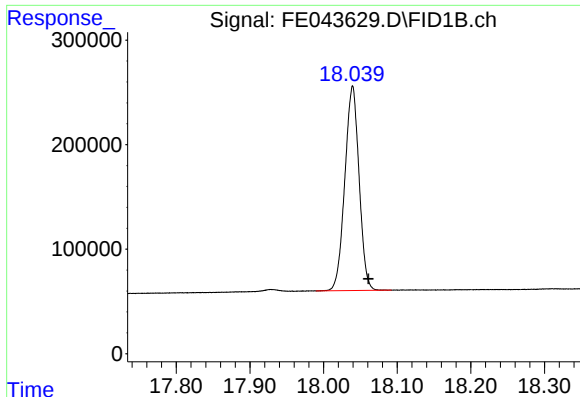
#15 n-Hexacosane (C26)

R.T.: 16.201 min  
Delta R.T.: -0.021 min  
Response: 2607399  
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

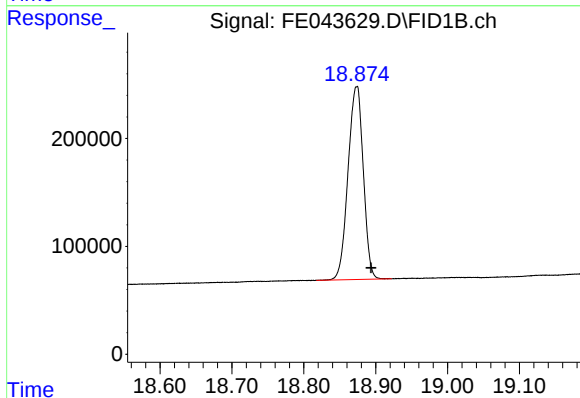
R.T.: 17.152 min  
Delta R.T.: -0.021 min  
Response: 2559505  
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

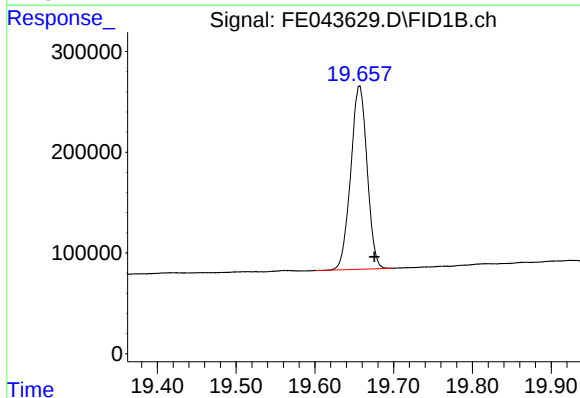
R.T.: 18.040 min  
Delta R.T.: -0.022 min  
Response: 2633878  
Conc: 17.88 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



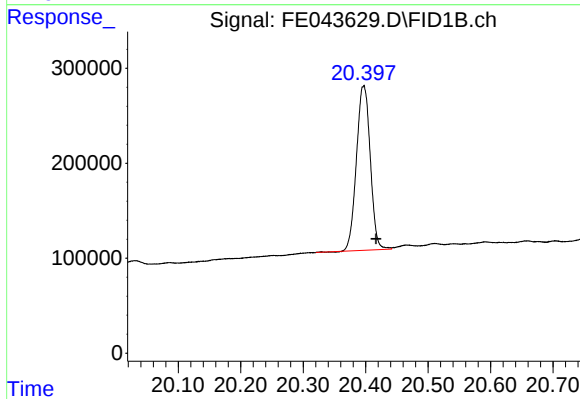
#18 n-Dotriacontane (C32)

R.T.: 18.874 min  
Delta R.T.: -0.020 min  
Response: 2637315  
Conc: 17.80 ug/ml



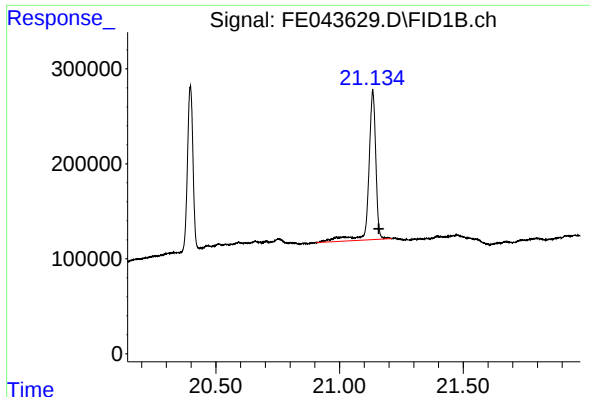
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min  
Delta R.T.: -0.019 min  
Response: 2626157  
Conc: 18.20 ug/ml



#20 n-Hexatriacontane (C36)

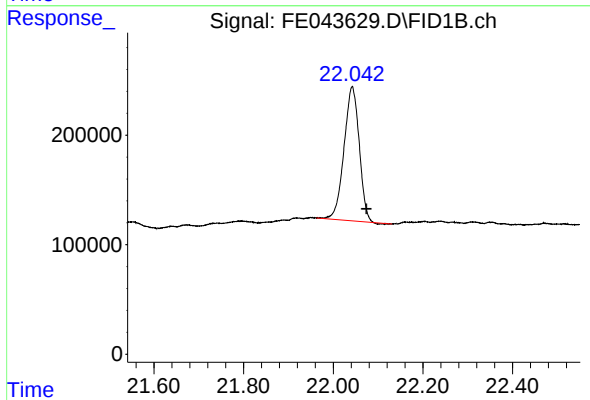
R.T.: 20.397 min  
Delta R.T.: -0.020 min  
Response: 2666102  
Conc: 18.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min  
Delta R.T.: -0.024 min  
Response: 3181680  
Conc: 22.30 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.042 min  
Delta R.T.: -0.032 min  
Response: 2881571  
Conc: 19.53 ug/ml