

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010423AL\  
 Data File : FE039625.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Jan 2023 09:42  
 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: Jan 05 02:34:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 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)    | 11.926 | 3061897    | 20.518 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.04%       |
| 12) S 1-chlorooctadecane (S... | 13.361 | 2353016    | 20.443 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.89%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 2431557    | 18.812 ug/ml |
| 2) T n-Decane (C10)            | 4.569  | 2443159    | 19.174 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.273  | 2791815    | 19.313 ug/ml |
| 4) T n-Dodecane (C12)          | 6.734  | 2480600    | 19.107 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.368  | 2640146    | 19.494 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.559  | 2552377    | 19.262 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.166 | 2695704    | 19.595 ug/ml |
| 8) T n-Octadecane (C18)        | 11.608 | 2811467    | 20.073 ug/ml |
| 10) T n-Eicosane (C20)         | 12.917 | 2774236    | 20.323 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.529 | 2718880    | 19.934 ug/ml |
| 13) T n-Docosane (C22)         | 14.115 | 2803099    | 20.721 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.218 | 2833065    | 21.104 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.239 | 2799397    | 21.499 ug/ml |
| 16) T n-Octacosane (C28)       | 17.189 | 2883408    | 22.404 ug/ml |
| 17) T n-Tricontane (C30)       | 18.077 | 2971876    | 23.083 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.911 | 3116598    | 24.066 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.694 | 2890516    | 22.911 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.435 | 2608603    | 21.573 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.170 | 2563039    | 20.754 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.081 | 2487971    | 19.811 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

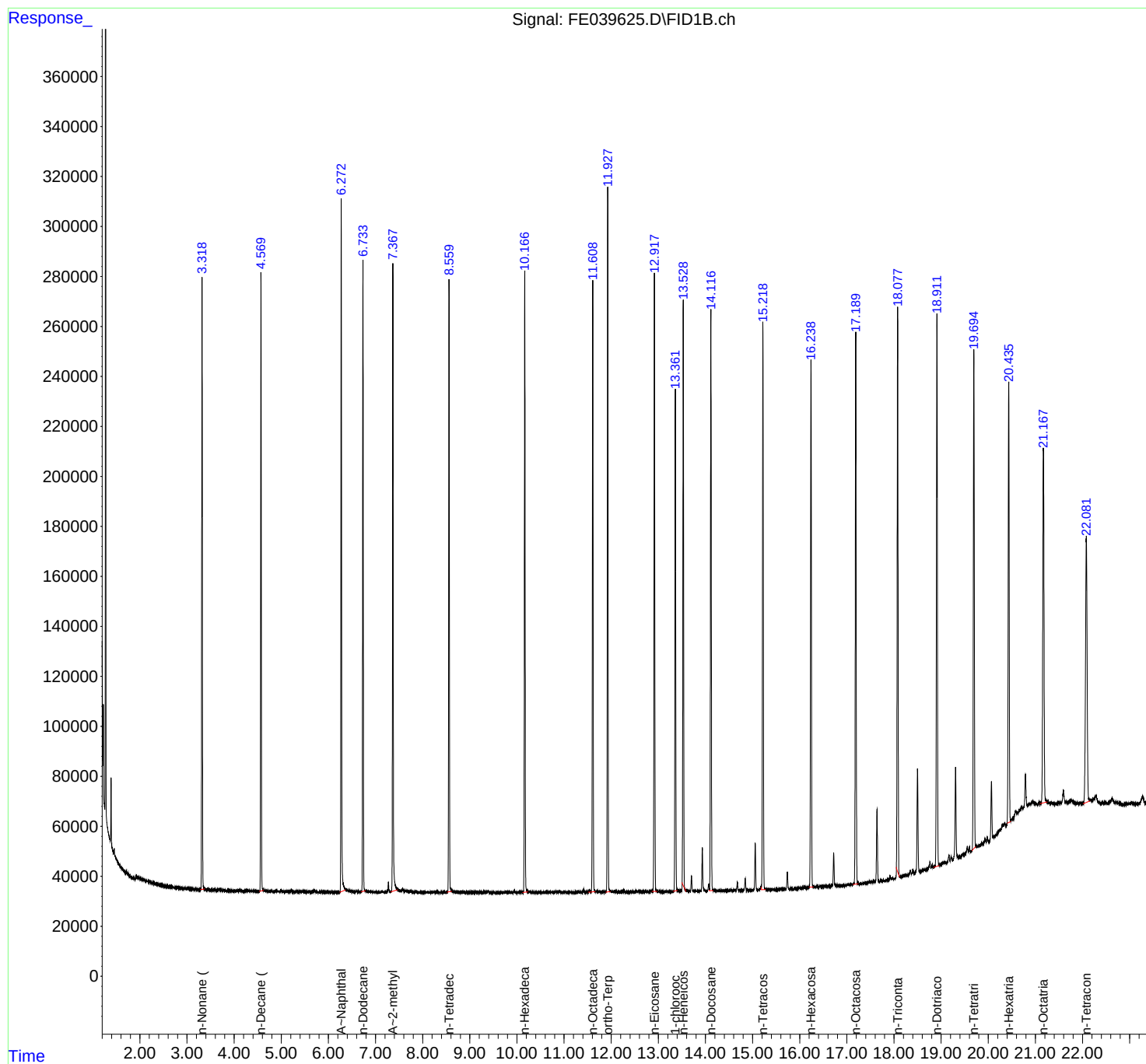
(m)=manual int.

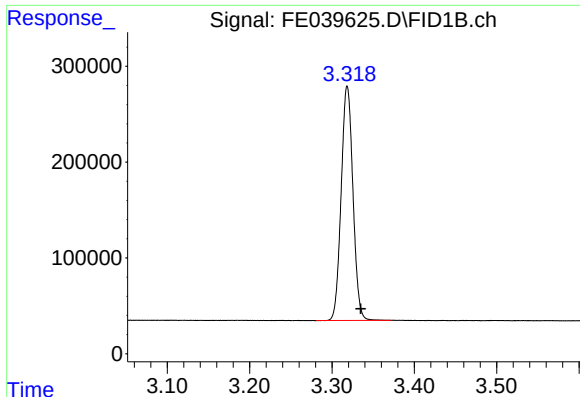
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010423AL\  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 17 15:09:52 2022  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

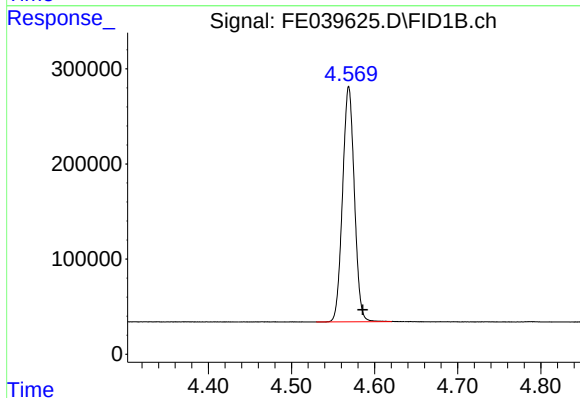




#1 n-Nonane (C9)

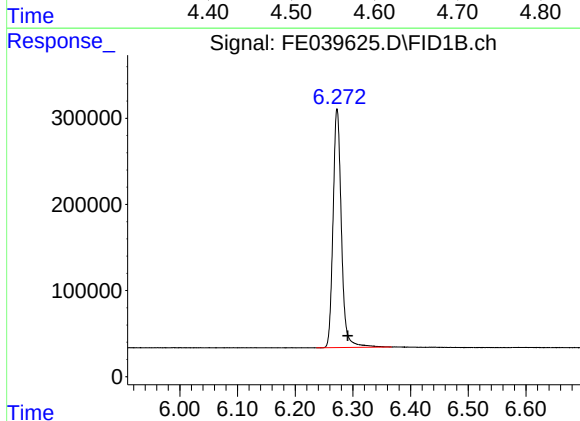
R.T.: 3.319 min  
Delta R.T.: -0.016 min  
Response: 2431557  
Conc: 18.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



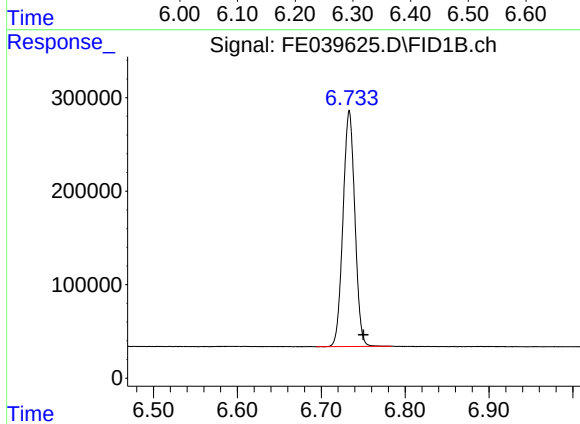
#2 n-Decane (C10)

R.T.: 4.569 min  
Delta R.T.: -0.017 min  
Response: 2443159  
Conc: 19.17 ug/ml



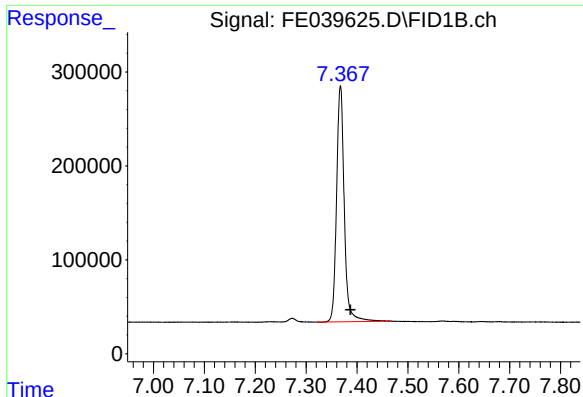
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min  
Delta R.T.: -0.018 min  
Response: 2791815  
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

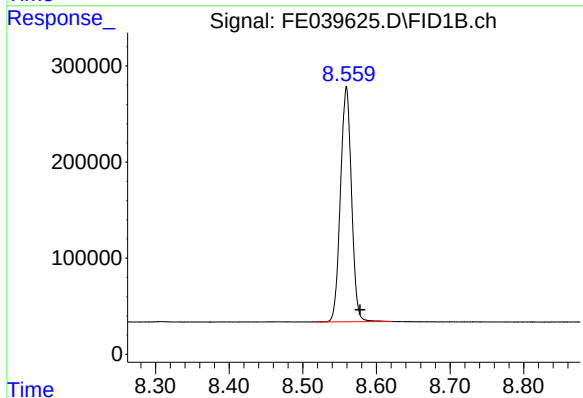
R.T.: 6.734 min  
Delta R.T.: -0.017 min  
Response: 2480600  
Conc: 19.11 ug/ml



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

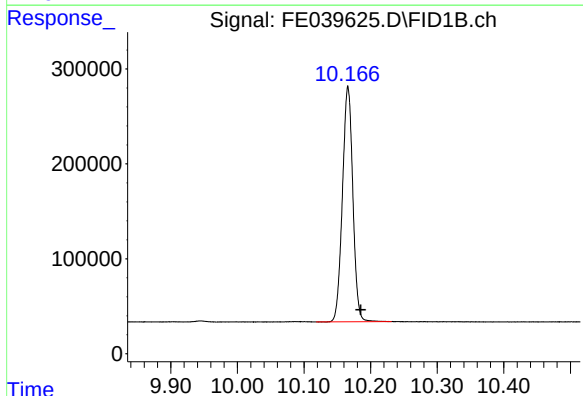
R.T.: 7.368 min  
Delta R.T.: -0.020 min  
Response: 2640146  
Conc: 19.49 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



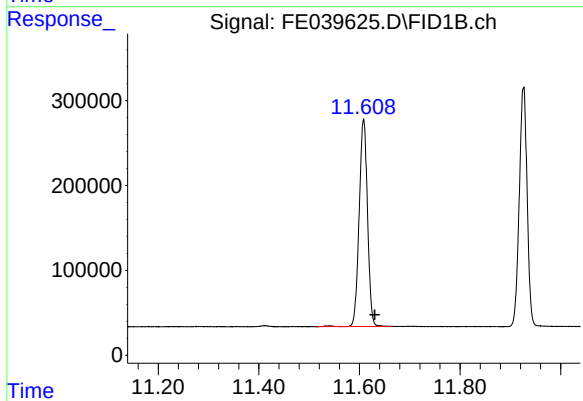
#6 n-Tetradecane (C14)

R.T.: 8.559 min  
Delta R.T.: -0.019 min  
Response: 2552377  
Conc: 19.26 ug/ml



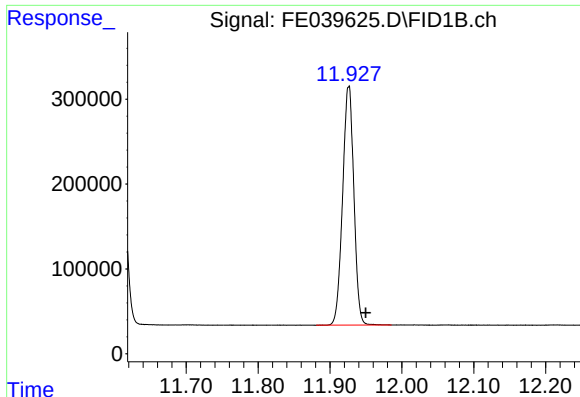
#7 n-Hexadecane (C16)

R.T.: 10.166 min  
Delta R.T.: -0.019 min  
Response: 2695704  
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

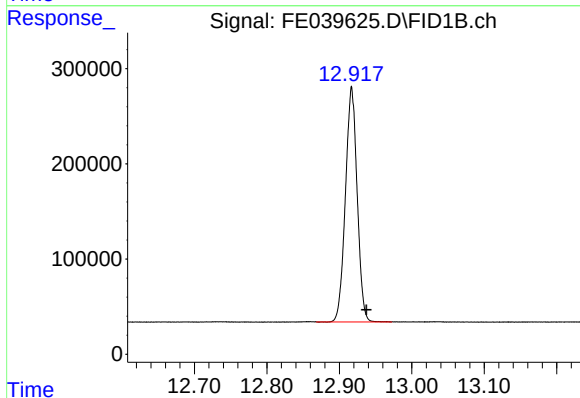
R.T.: 11.608 min  
Delta R.T.: -0.022 min  
Response: 2811467  
Conc: 20.07 ug/ml



#9 ortho-Terphenyl (SURR)

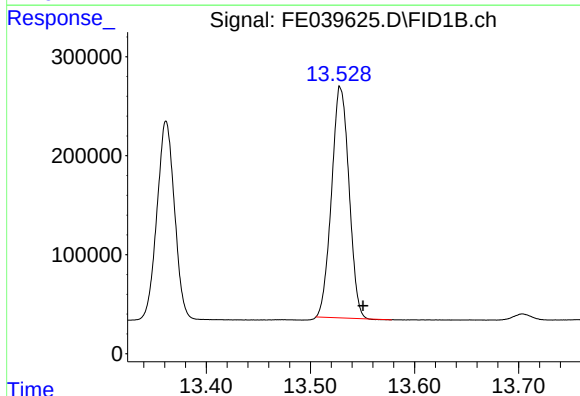
R.T.: 11.926 min  
Delta R.T.: -0.024 min  
Response: 3061897  
Conc: 20.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



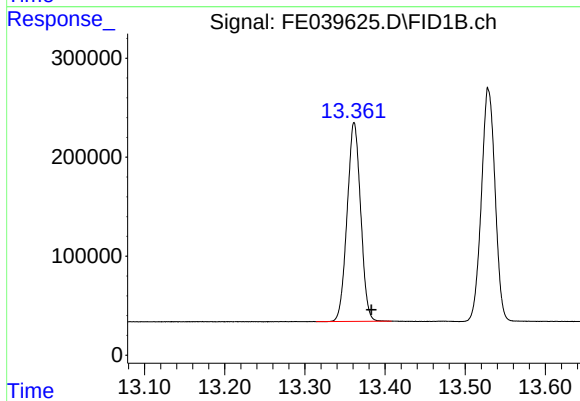
#10 n-Eicosane (C20)

R.T.: 12.917 min  
Delta R.T.: -0.021 min  
Response: 2774236  
Conc: 20.32 ug/ml



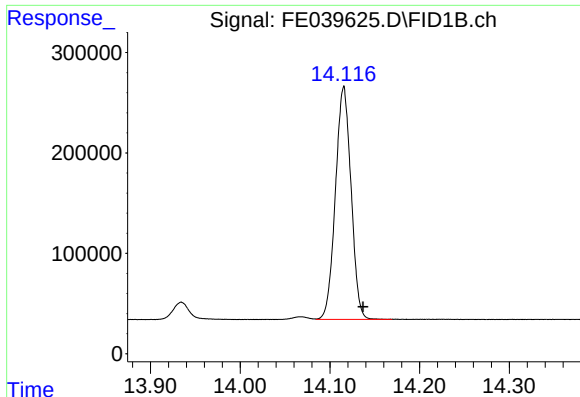
#11 n-Heneicosane (C21)

R.T.: 13.529 min  
Delta R.T.: -0.022 min  
Response: 2718880  
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

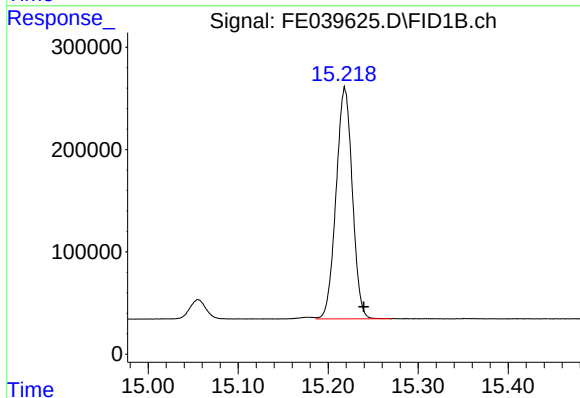
R.T.: 13.361 min  
Delta R.T.: -0.021 min  
Response: 2353016  
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

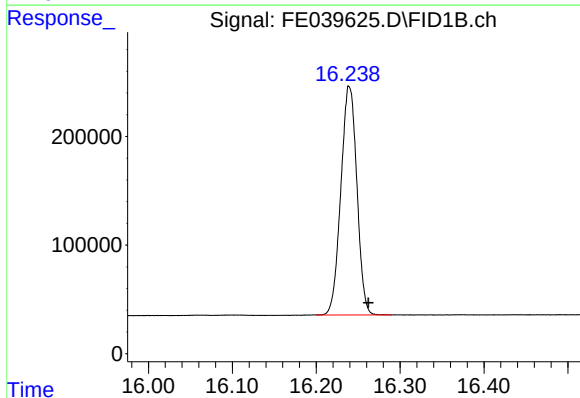
R.T.: 14.115 min  
Delta R.T.: -0.022 min  
Response: 2803099  
Conc: 20.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



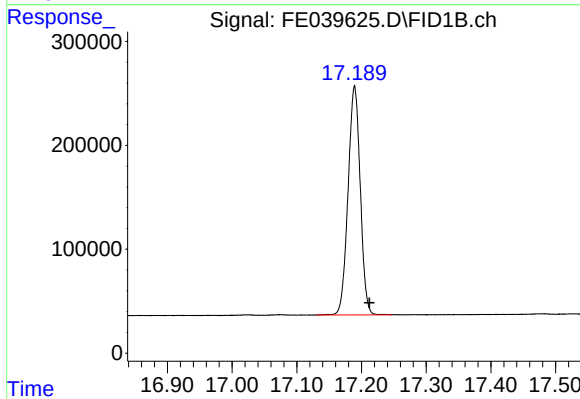
#14 n-Tetracosane (C24)

R.T.: 15.218 min  
Delta R.T.: -0.021 min  
Response: 2833065  
Conc: 21.10 ug/ml



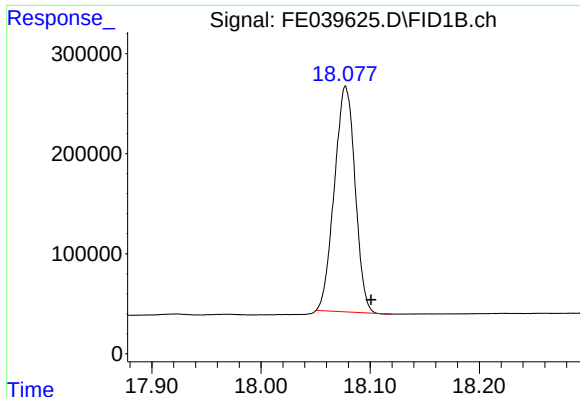
#15 n-Hexacosane (C26)

R.T.: 16.239 min  
Delta R.T.: -0.023 min  
Response: 2799397  
Conc: 21.50 ug/ml



#16 n-Octacosane (C28)

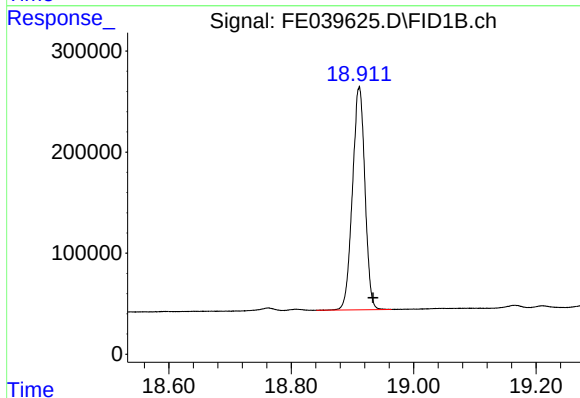
R.T.: 17.189 min  
Delta R.T.: -0.023 min  
Response: 2883408  
Conc: 22.40 ug/ml



#17 n-Tricontane (C30)

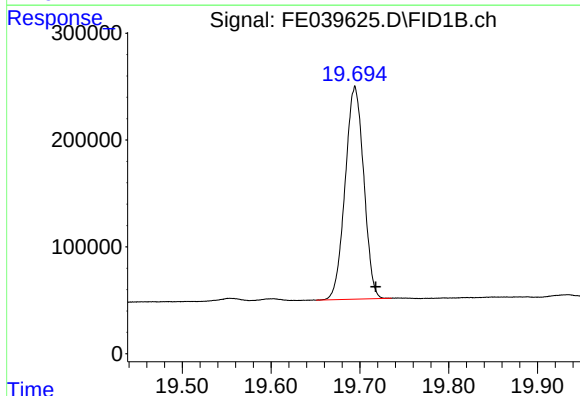
R.T.: 18.077 min  
Delta R.T.: -0.023 min  
Response: 2971876  
Conc: 23.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



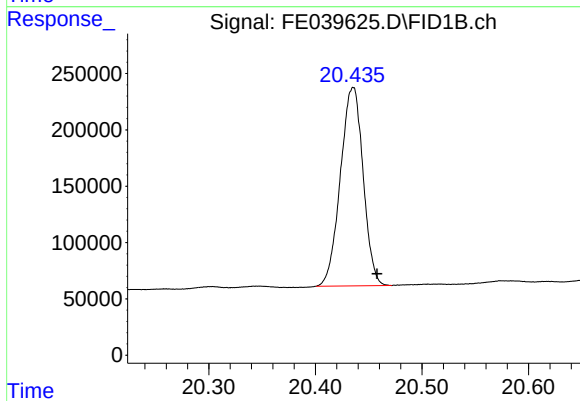
#18 n-Dotriacontane (C32)

R.T.: 18.911 min  
Delta R.T.: -0.023 min  
Response: 3116598  
Conc: 24.07 ug/ml



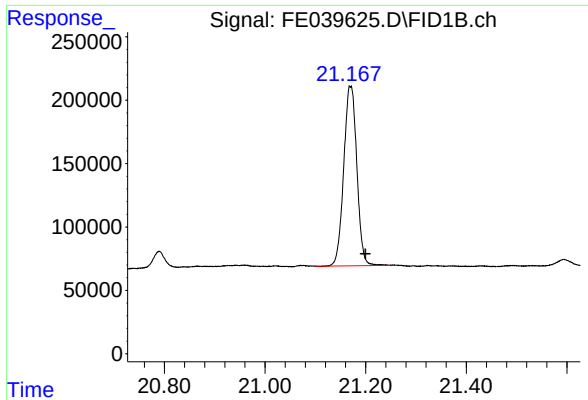
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min  
Delta R.T.: -0.023 min  
Response: 2890516  
Conc: 22.91 ug/ml



#20 n-Hexatriacontane (C36)

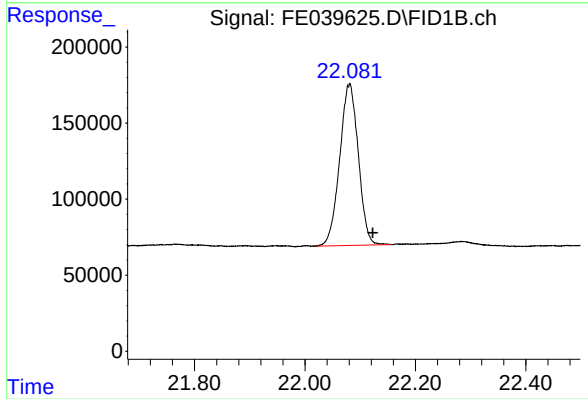
R.T.: 20.435 min  
Delta R.T.: -0.023 min  
Response: 2608603  
Conc: 21.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min  
Delta R.T.: -0.030 min  
Response: 2563039  
Conc: 20.75 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.081 min  
Delta R.T.: -0.041 min  
Response: 2487971  
Conc: 19.81 ug/ml