

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010423AL\  
 Data File : FE039628.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Jan 2023 11:29  
 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 02:34:33 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)    | 11.925 | 2840735    | 19.036 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.07%       |
| 12) S 1-chlorooctadecane (S... | 13.360 | 2195567    | 19.075 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.15%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 2277284    | 17.618 ug/ml |
| 2) T n-Decane (C10)            | 4.569  | 2284897    | 17.932 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.272  | 2598991    | 17.979 ug/ml |
| 4) T n-Dodecane (C12)          | 6.733  | 2318805    | 17.861 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.366  | 2440004    | 18.017 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.559  | 2388859    | 18.028 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.165 | 2515118    | 18.282 ug/ml |
| 8) T n-Octadecane (C18)        | 11.607 | 2608513    | 18.624 ug/ml |
| 10) T n-Eicosane (C20)         | 12.916 | 2583461    | 18.926 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.529 | 2487217    | 18.236 ug/ml |
| 13) T n-Docosane (C22)         | 14.115 | 2606738    | 19.270 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.217 | 2628997    | 19.584 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.238 | 2592064    | 19.907 ug/ml |
| 16) T n-Octacosane (C28)       | 17.188 | 2667543    | 20.727 ug/ml |
| 17) T n-Tricontane (C30)       | 18.075 | 2686644    | 20.867 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.908 | 2903290    | 22.419 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.692 | 2684321    | 21.277 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.432 | 2412875    | 19.955 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.166 | 2353281    | 19.055 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.077 | 2323054    | 18.498 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

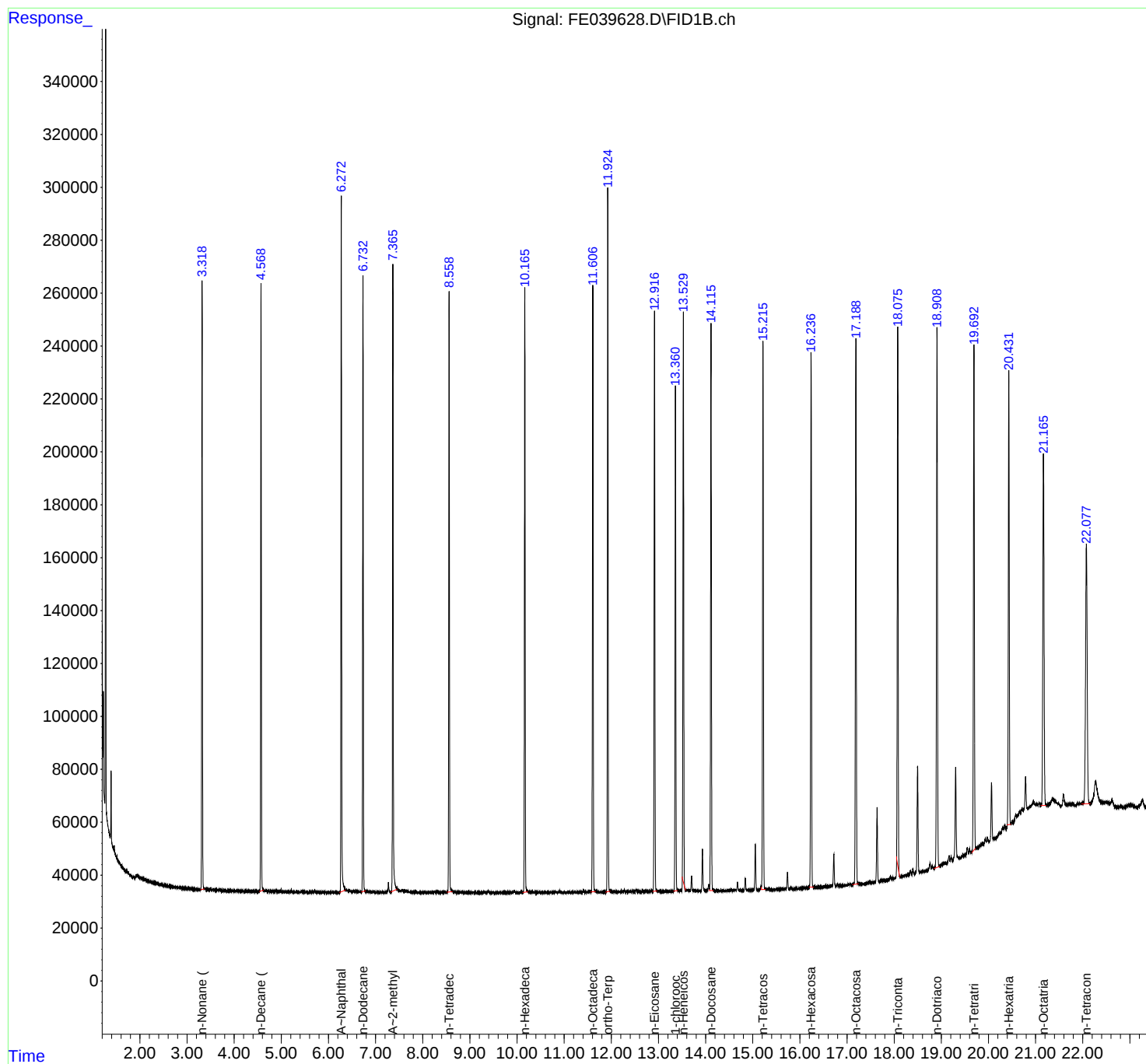
(m)=manual int.

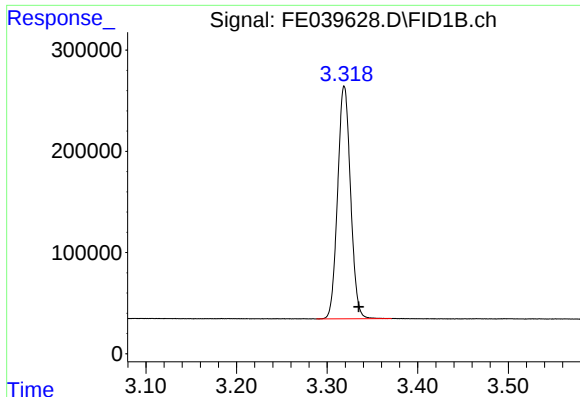
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010423AL\  
Data File : FE039628.D  
Signal(s) : FID1B.ch  
Acq On : 04 Jan 2023 11:29  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Integration File: autoint1.e  
Quant Time: Jan 05 02:34:33 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  
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Volume Inj. : 1 ul  
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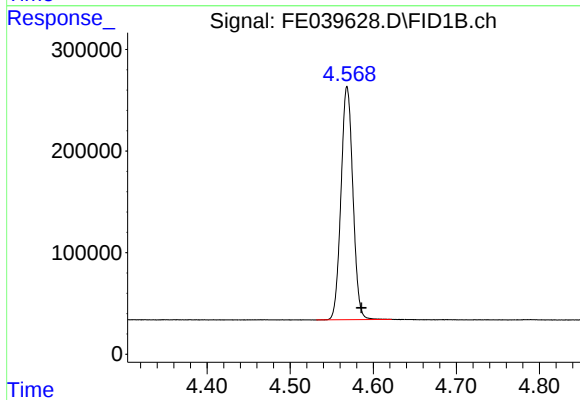




#1 n-Nonane (C9)

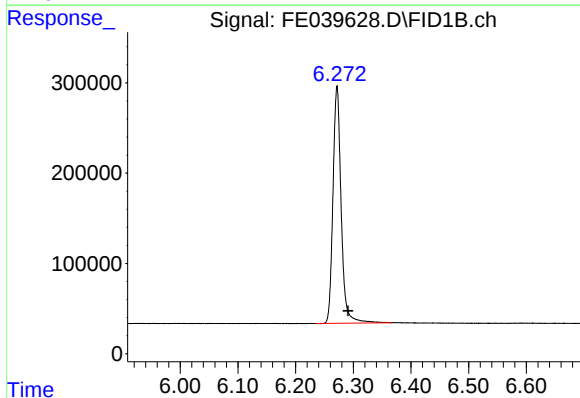
R.T.: 3.319 min  
Delta R.T.: -0.016 min  
Response: 2277284  
Conc: 17.62 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



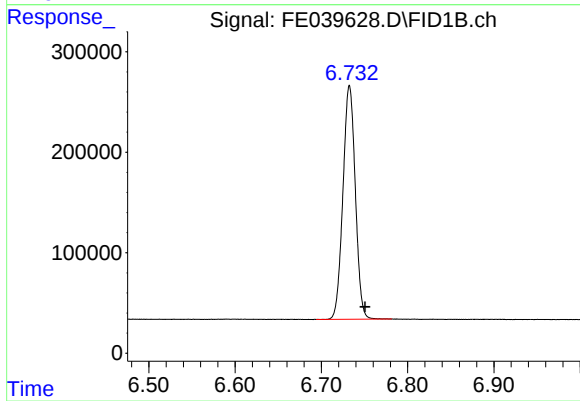
#2 n-Decane (C10)

R.T.: 4.569 min  
Delta R.T.: -0.017 min  
Response: 2284897  
Conc: 17.93 ug/ml



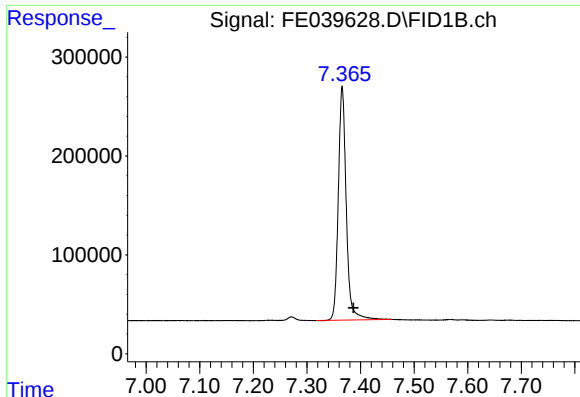
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min  
Delta R.T.: -0.019 min  
Response: 2598991  
Conc: 17.98 ug/ml



#4 n-Dodecane (C12)

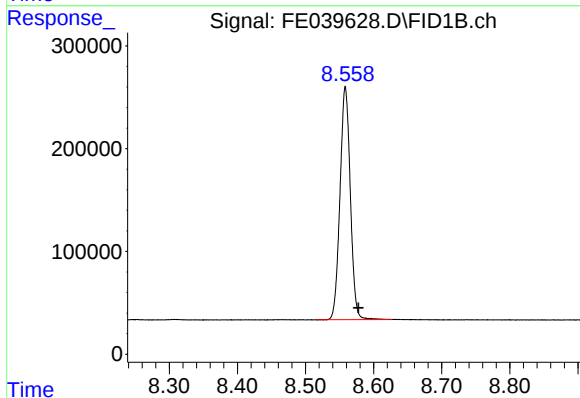
R.T.: 6.733 min  
Delta R.T.: -0.018 min  
Response: 2318805  
Conc: 17.86 ug/ml



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

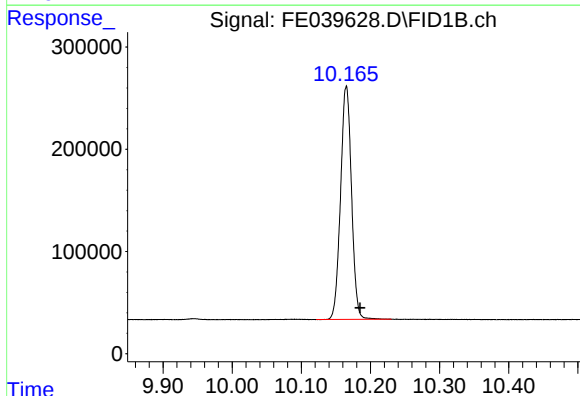
R.T.: 7.366 min  
Delta R.T.: -0.021 min  
Response: 2440004  
Conc: 18.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



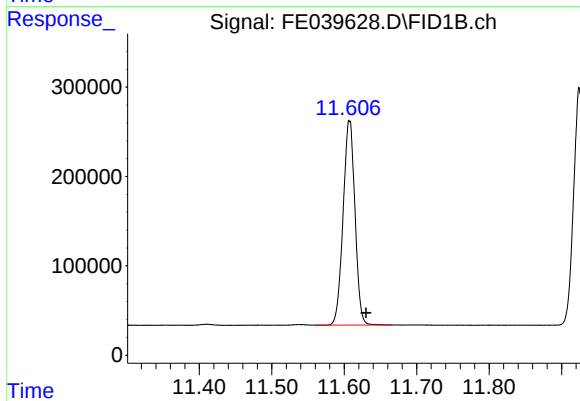
#6 n-Tetradecane (C14)

R.T.: 8.559 min  
Delta R.T.: -0.019 min  
Response: 2388859  
Conc: 18.03 ug/ml



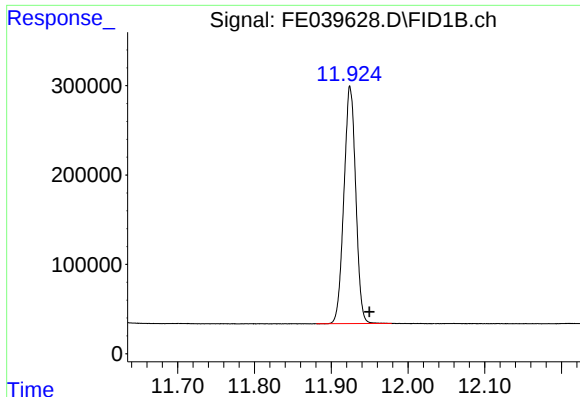
#7 n-Hexadecane (C16)

R.T.: 10.165 min  
Delta R.T.: -0.020 min  
Response: 2515118  
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

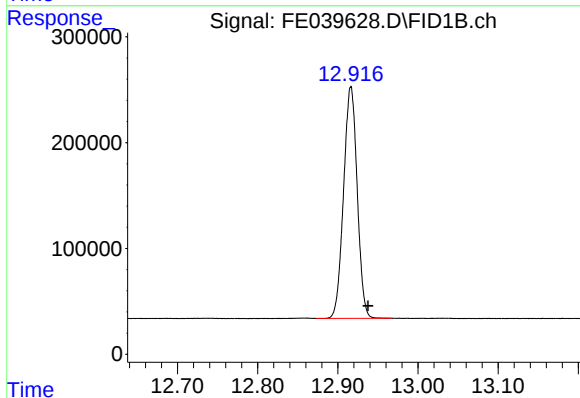
R.T.: 11.607 min  
Delta R.T.: -0.023 min  
Response: 2608513  
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

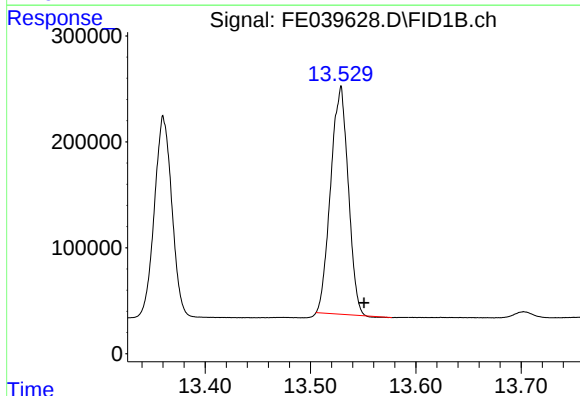
R.T.: 11.925 min  
Delta R.T.: -0.025 min  
Response: 2840735  
Conc: 19.04 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



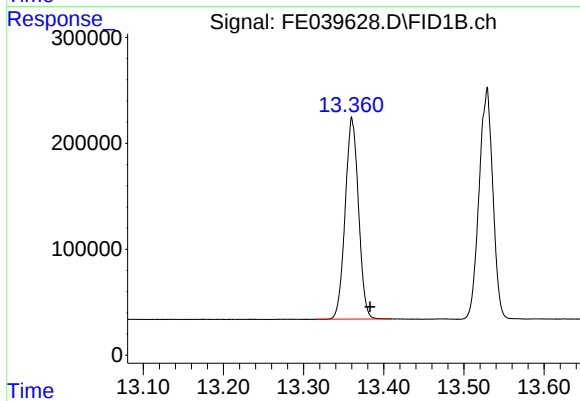
#10 n-Eicosane (C20)

R.T.: 12.916 min  
Delta R.T.: -0.021 min  
Response: 2583461  
Conc: 18.93 ug/ml



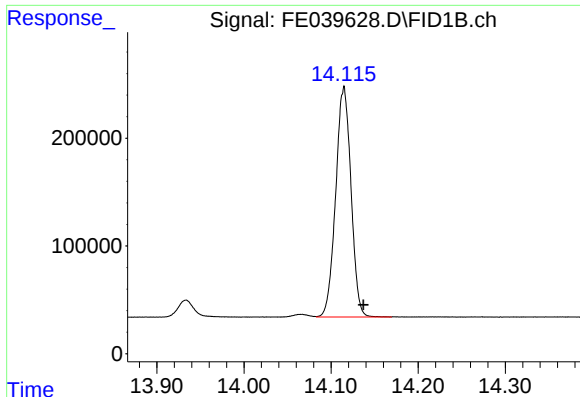
#11 n-Heneicosane (C21)

R.T.: 13.529 min  
Delta R.T.: -0.022 min  
Response: 2487217  
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

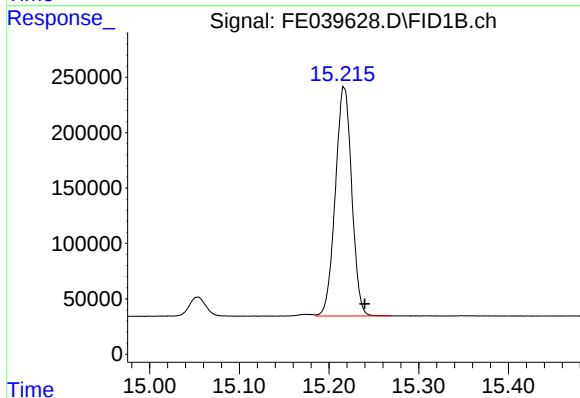
R.T.: 13.360 min  
Delta R.T.: -0.023 min  
Response: 2195567  
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

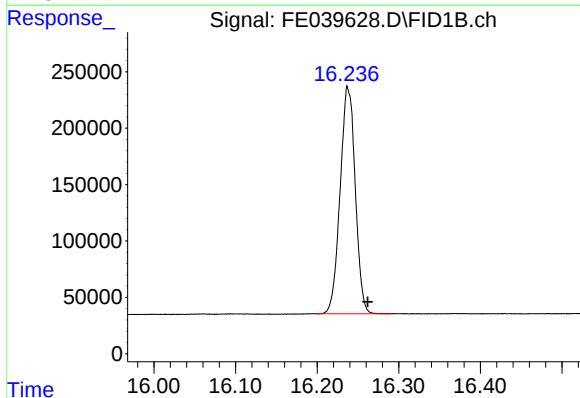
R.T.: 14.115 min  
Delta R.T.: -0.022 min  
Response: 2606738  
Conc: 19.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



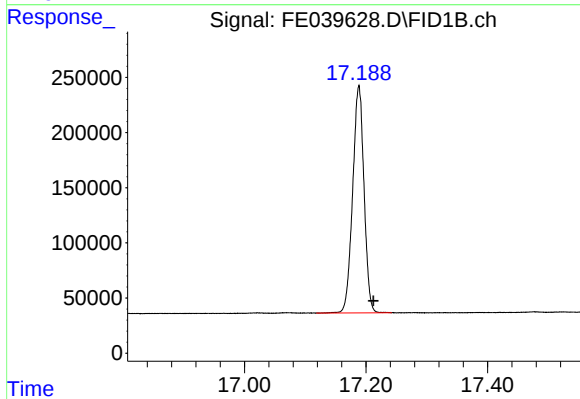
#14 n-Tetracosane (C24)

R.T.: 15.217 min  
Delta R.T.: -0.023 min  
Response: 2628997  
Conc: 19.58 ug/ml



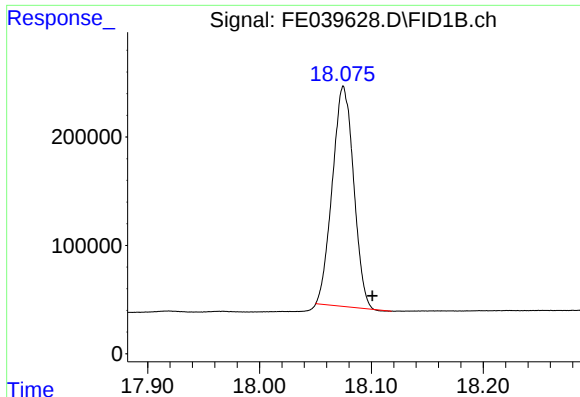
#15 n-Hexacosane (C26)

R.T.: 16.238 min  
Delta R.T.: -0.024 min  
Response: 2592064  
Conc: 19.91 ug/ml



#16 n-Octacosane (C28)

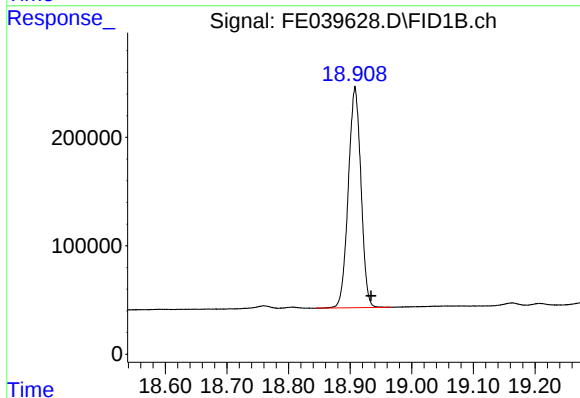
R.T.: 17.188 min  
Delta R.T.: -0.024 min  
Response: 2667543  
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

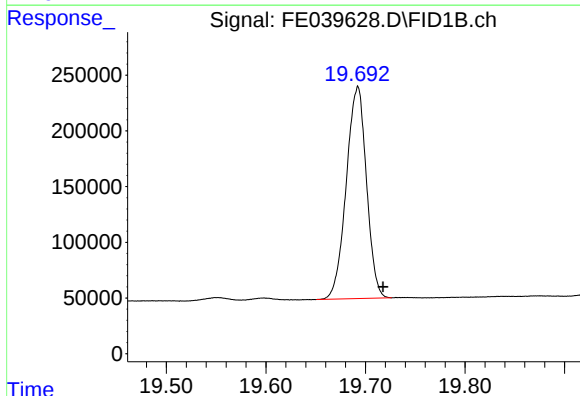
R.T.: 18.075 min  
Delta R.T.: -0.026 min  
Response: 2686644  
Conc: 20.87 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



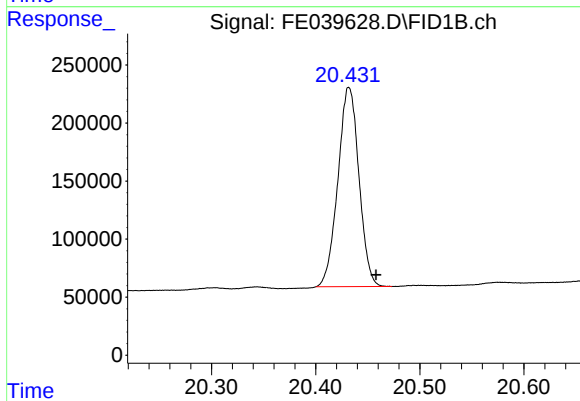
#18 n-Dotriacontane (C32)

R.T.: 18.908 min  
Delta R.T.: -0.026 min  
Response: 2903290  
Conc: 22.42 ug/ml



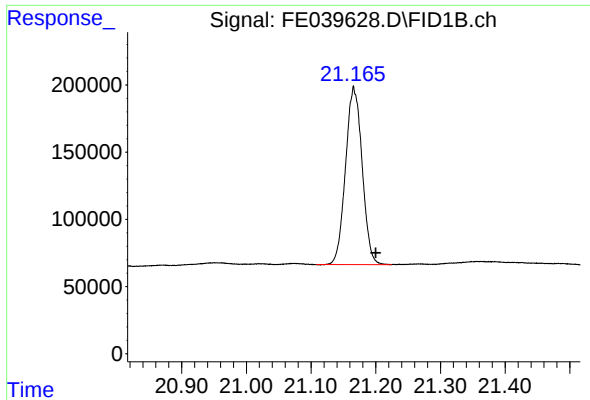
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min  
Delta R.T.: -0.025 min  
Response: 2684321  
Conc: 21.28 ug/ml



#20 n-Hexatriacontane (C36)

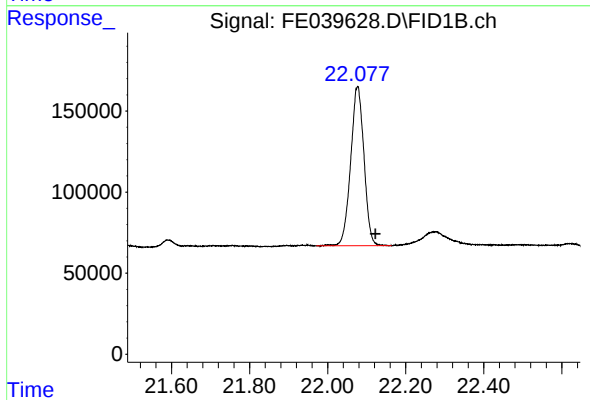
R.T.: 20.432 min  
Delta R.T.: -0.026 min  
Response: 2412875  
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min  
Delta R.T.: -0.034 min  
Response: 2353281  
Conc: 19.06 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.077 min  
Delta R.T.: -0.045 min  
Response: 2323054  
Conc: 18.50 ug/ml