

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122922AL\  
 Data File : FE039547.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Dec 2022 12:08  
 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: Dec 29 13:37:06 2022  
 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)    | 11.924 | 3075581    | 20.609 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.22%       |
| 12) S 1-chlorooctadecane (S... | 13.359 | 2365342    | 20.551 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.10%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.324  | 2622111    | 20.286 ug/ml |
| 2) T n-Decane (C10)            | 4.571  | 2601170    | 20.414 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.273  | 2916011    | 20.172 ug/ml |
| 4) T n-Dodecane (C12)          | 6.734  | 2630168    | 20.259 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.367  | 2725069    | 20.121 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.559  | 2683002    | 20.247 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.165 | 2792085    | 20.295 ug/ml |
| 8) T n-Octadecane (C18)        | 11.607 | 2854568    | 20.381 ug/ml |
| 10) T n-Eicosane (C20)         | 12.915 | 2800614    | 20.516 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.527 | 2615889    | 19.179 ug/ml |
| 13) T n-Docosane (C22)         | 14.113 | 2799249    | 20.693 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.214 | 2810602    | 20.937 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.236 | 2759339    | 21.192 ug/ml |
| 16) T n-Octacosane (C28)       | 17.185 | 2796060    | 21.725 ug/ml |
| 17) T n-Tricontane (C30)       | 18.073 | 2629928    | 20.427 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.905 | 2929674    | 22.623 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.690 | 2725501    | 21.603 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.430 | 2417136    | 19.990 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.164 | 2425689    | 19.642 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.074 | 2379331    | 18.946 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

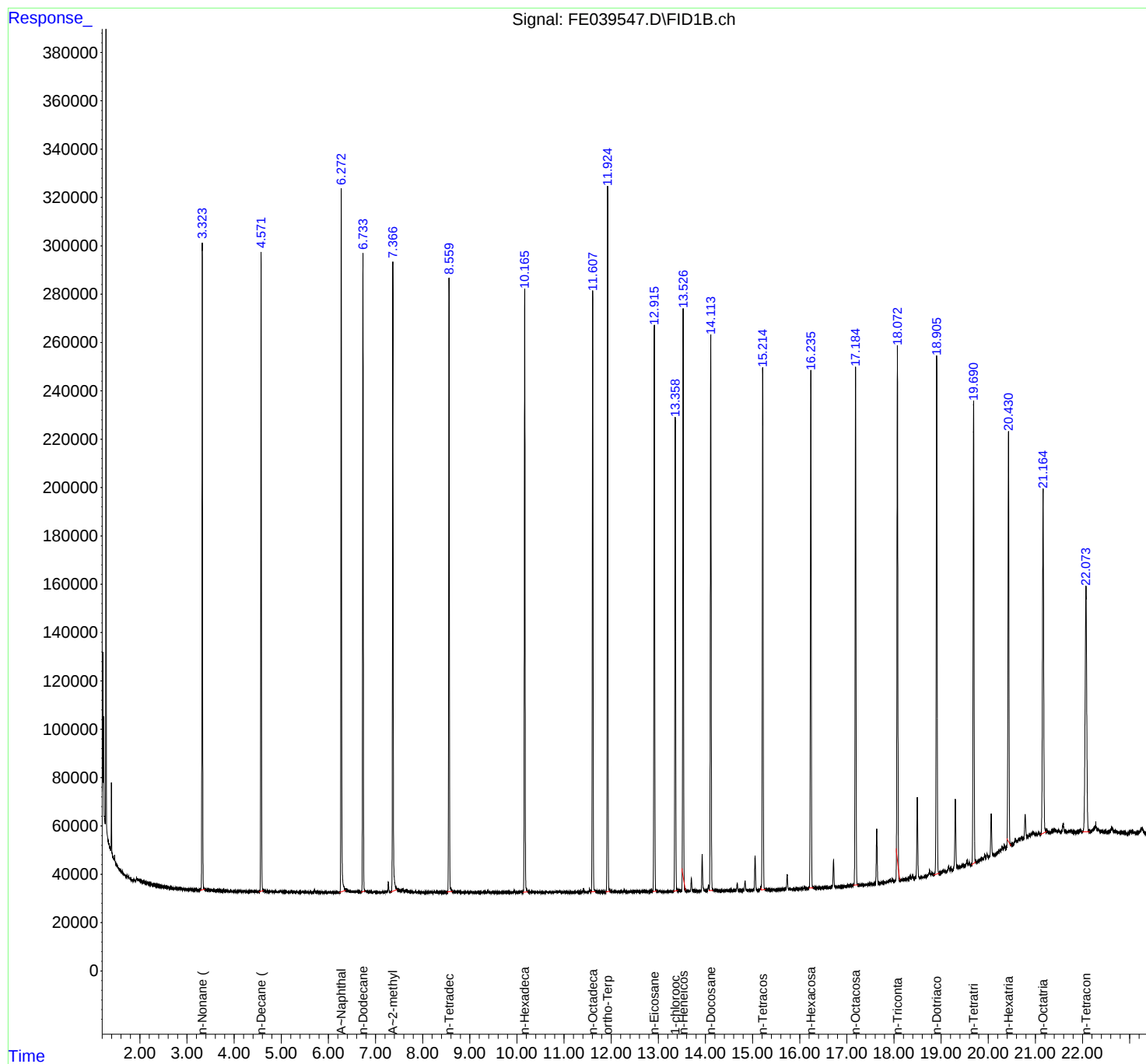
(m)=manual int.

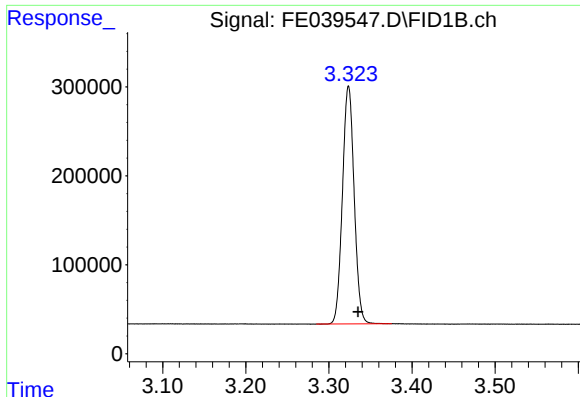
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122922AL\  
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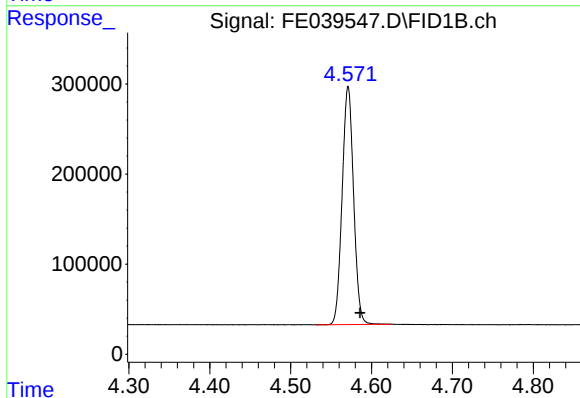




#1 n-Nonane (C9)

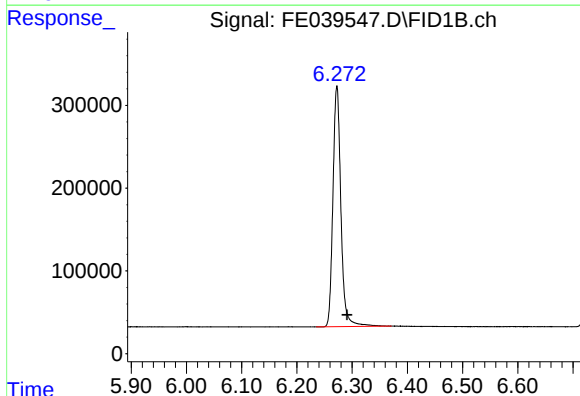
R.T.: 3.324 min  
Delta R.T.: -0.011 min  
Response: 2622111  
Conc: 20.29 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



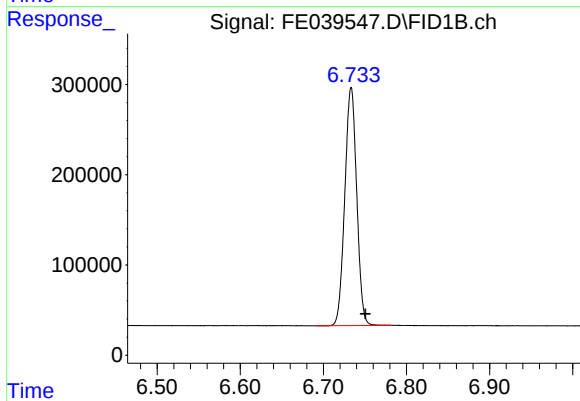
#2 n-Decane (C10)

R.T.: 4.571 min  
Delta R.T.: -0.015 min  
Response: 2601170  
Conc: 20.41 ug/ml



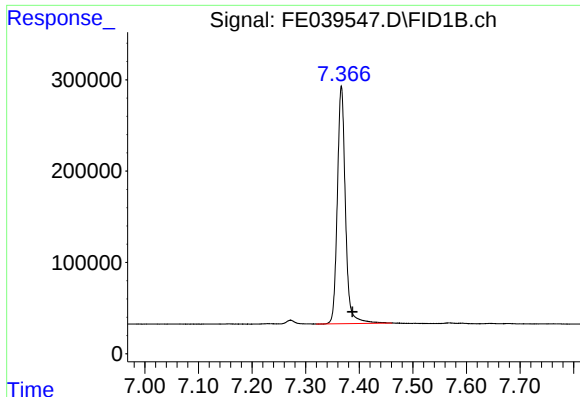
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min  
Delta R.T.: -0.018 min  
Response: 2916011  
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

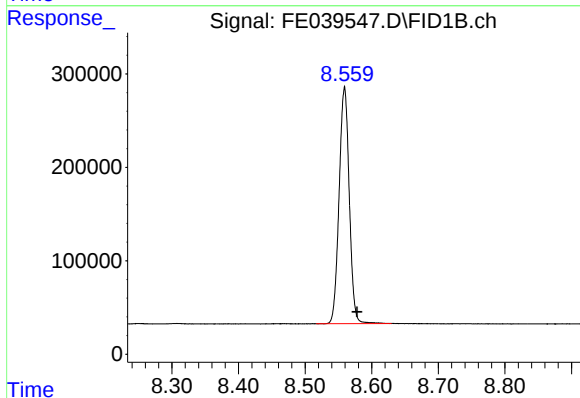
R.T.: 6.734 min  
Delta R.T.: -0.017 min  
Response: 2630168  
Conc: 20.26 ug/ml



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

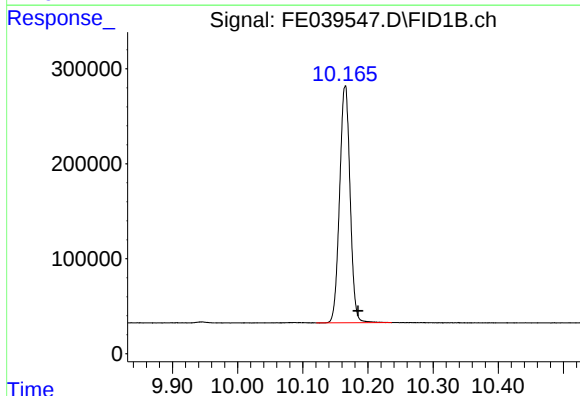
R.T.: 7.367 min  
Delta R.T.: -0.020 min  
Response: 2725069  
Conc: 20.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



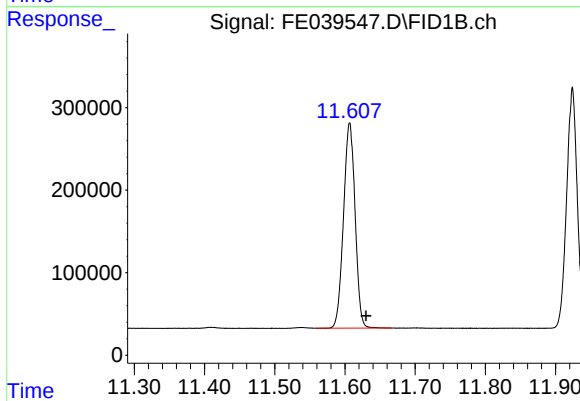
#6 n-Tetradecane (C14)

R.T.: 8.559 min  
Delta R.T.: -0.019 min  
Response: 2683002  
Conc: 20.25 ug/ml



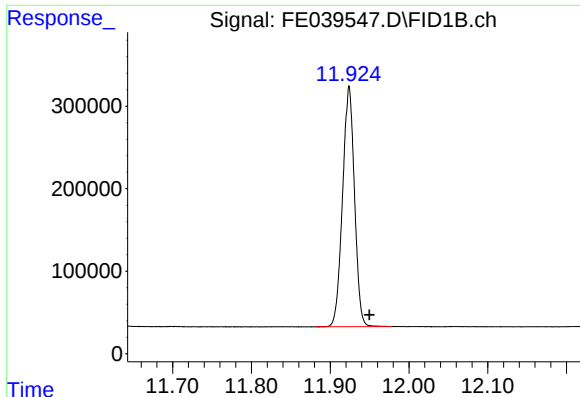
#7 n-Hexadecane (C16)

R.T.: 10.165 min  
Delta R.T.: -0.020 min  
Response: 2792085  
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

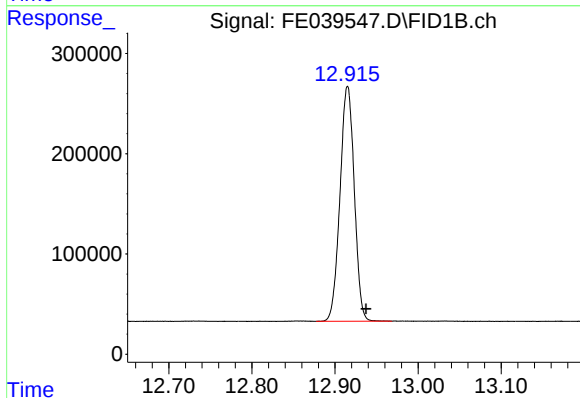
R.T.: 11.607 min  
Delta R.T.: -0.024 min  
Response: 2854568  
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

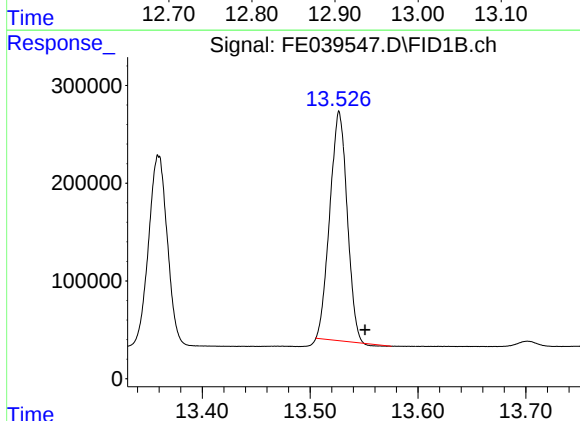
R.T.: 11.924 min  
Delta R.T.: -0.026 min  
Response: 3075581  
Conc: 20.61 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



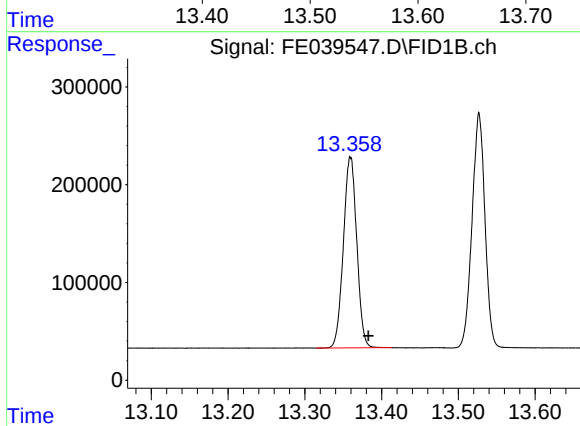
#10 n-Eicosane (C20)

R.T.: 12.915 min  
Delta R.T.: -0.022 min  
Response: 2800614  
Conc: 20.52 ug/ml



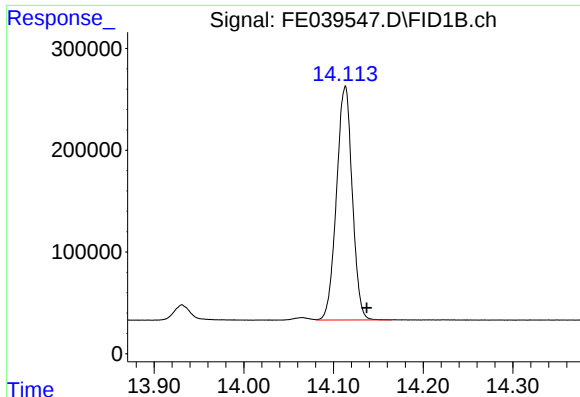
#11 n-Heneicosane (C21)

R.T.: 13.527 min  
Delta R.T.: -0.024 min  
Response: 2615889  
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

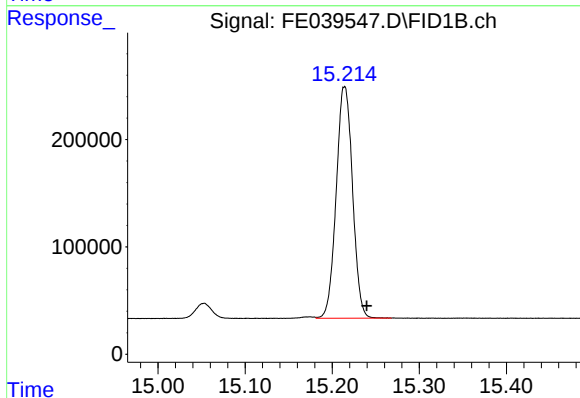
R.T.: 13.359 min  
Delta R.T.: -0.023 min  
Response: 2365342  
Conc: 20.55 ug/ml



#13 n-Docosane (C22)

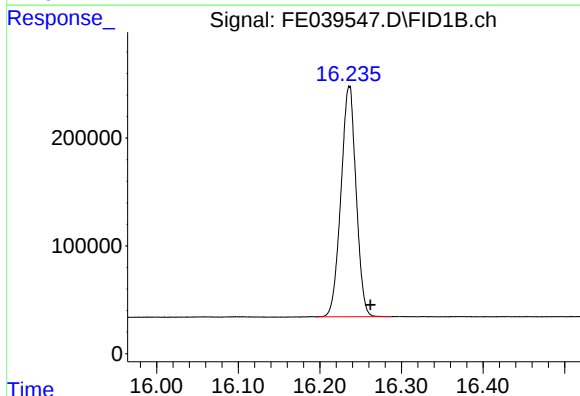
R.T.: 14.113 min  
Delta R.T.: -0.024 min  
Response: 2799249  
Conc: 20.69 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



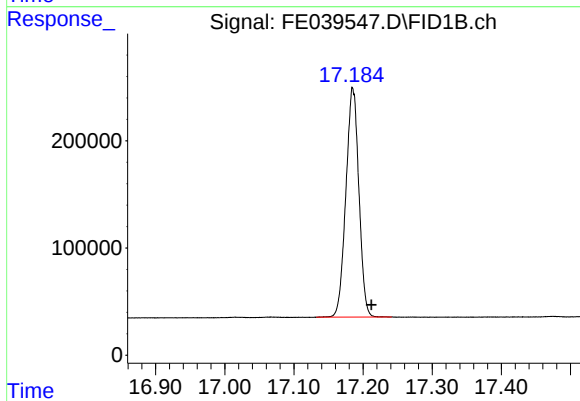
#14 n-Tetracosane (C24)

R.T.: 15.214 min  
Delta R.T.: -0.025 min  
Response: 2810602  
Conc: 20.94 ug/ml



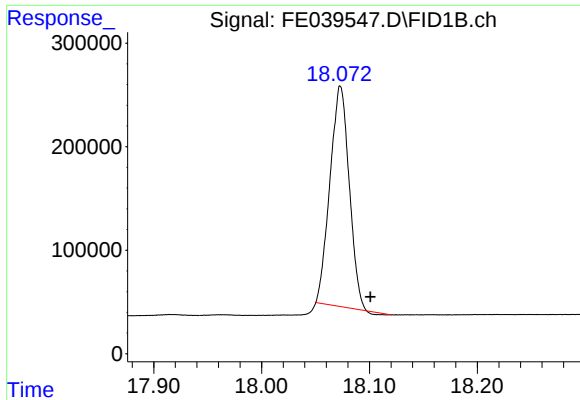
#15 n-Hexacosane (C26)

R.T.: 16.236 min  
Delta R.T.: -0.026 min  
Response: 2759339  
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

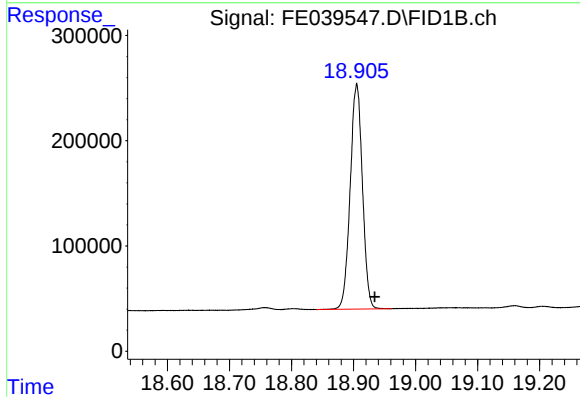
R.T.: 17.185 min  
Delta R.T.: -0.027 min  
Response: 2796060  
Conc: 21.73 ug/ml



#17 n-Tricontane (C30)

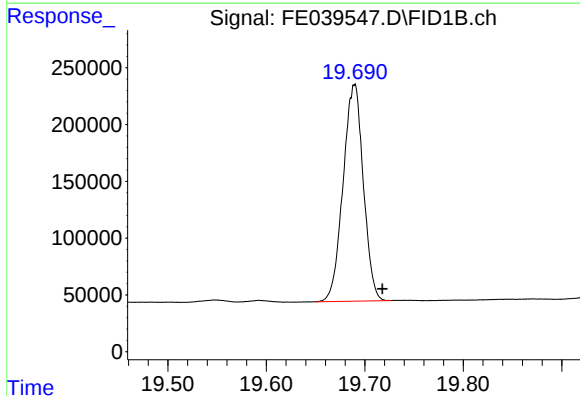
R.T.: 18.073 min  
Delta R.T.: -0.028 min  
Response: 2629928  
Conc: 20.43 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



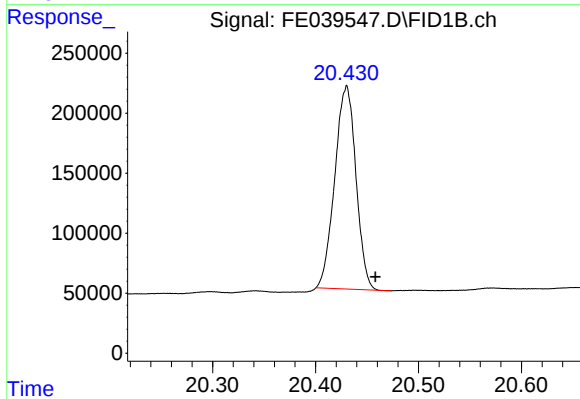
#18 n-Dotriacontane (C32)

R.T.: 18.905 min  
Delta R.T.: -0.029 min  
Response: 2929674  
Conc: 22.62 ug/ml



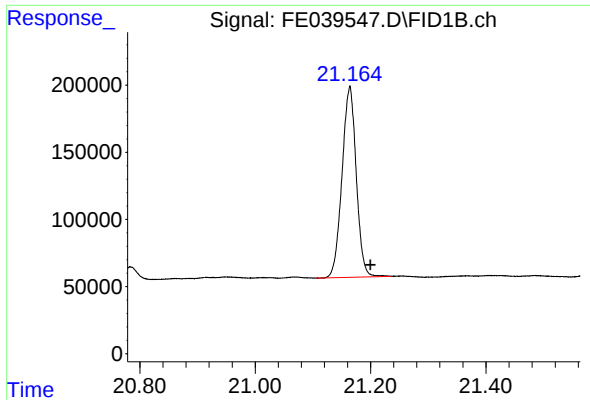
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min  
Delta R.T.: -0.028 min  
Response: 2725501  
Conc: 21.60 ug/ml



#20 n-Hexatriacontane (C36)

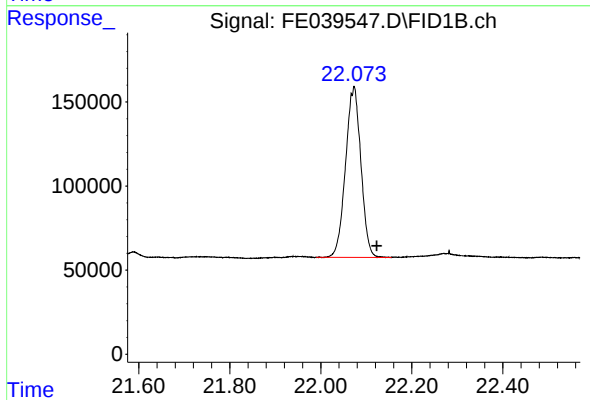
R.T.: 20.430 min  
Delta R.T.: -0.028 min  
Response: 2417136  
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min  
Delta R.T.: -0.036 min  
Response: 2425689  
Conc: 19.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.074 min  
Delta R.T.: -0.049 min  
Response: 2379331  
Conc: 18.95 ug/ml