

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121622AL\  
 Data File : FE039361.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Dec 2022 22:16  
 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 17 11:58:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 111922.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 19 05:37:37 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)    | 11.942 | 3166981    | 20.244 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.49%       |
| 12) S 1-chlorooctadecane (S... | 13.379 | 2450501    | 20.296 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.332  | 2704148    | 19.077 ug/ml |
| 2) T n-Decane (C10)            | 4.582  | 2664332    | 19.116 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.287  | 3058505    | 19.229 ug/ml |
| 4) T n-Dodecane (C12)          | 6.747  | 2727727    | 19.351 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.382  | 2877567    | 19.227 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.573  | 2798200    | 19.592 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.180 | 2914261    | 19.932 ug/ml |
| 8) T n-Octadecane (C18)        | 11.624 | 2970190    | 20.185 ug/ml |
| 10) T n-Eicosane (C20)         | 12.933 | 2881515    | 20.298 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.545 | 2877946    | 20.253 ug/ml |
| 13) T n-Docosane (C22)         | 14.131 | 2850524    | 20.392 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.234 | 2820293    | 20.421 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.256 | 2729175    | 20.319 ug/ml |
| 16) T n-Octacosane (C28)       | 17.206 | 2720732    | 20.488 ug/ml |
| 17) T n-Tricontane (C30)       | 18.095 | 2761667    | 20.912 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.928 | 2824647    | 21.180 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.713 | 2743953    | 20.737 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.454 | 2624679    | 20.430 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.193 | 2825863    | 21.565 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.113 | 2657009    | 19.513 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

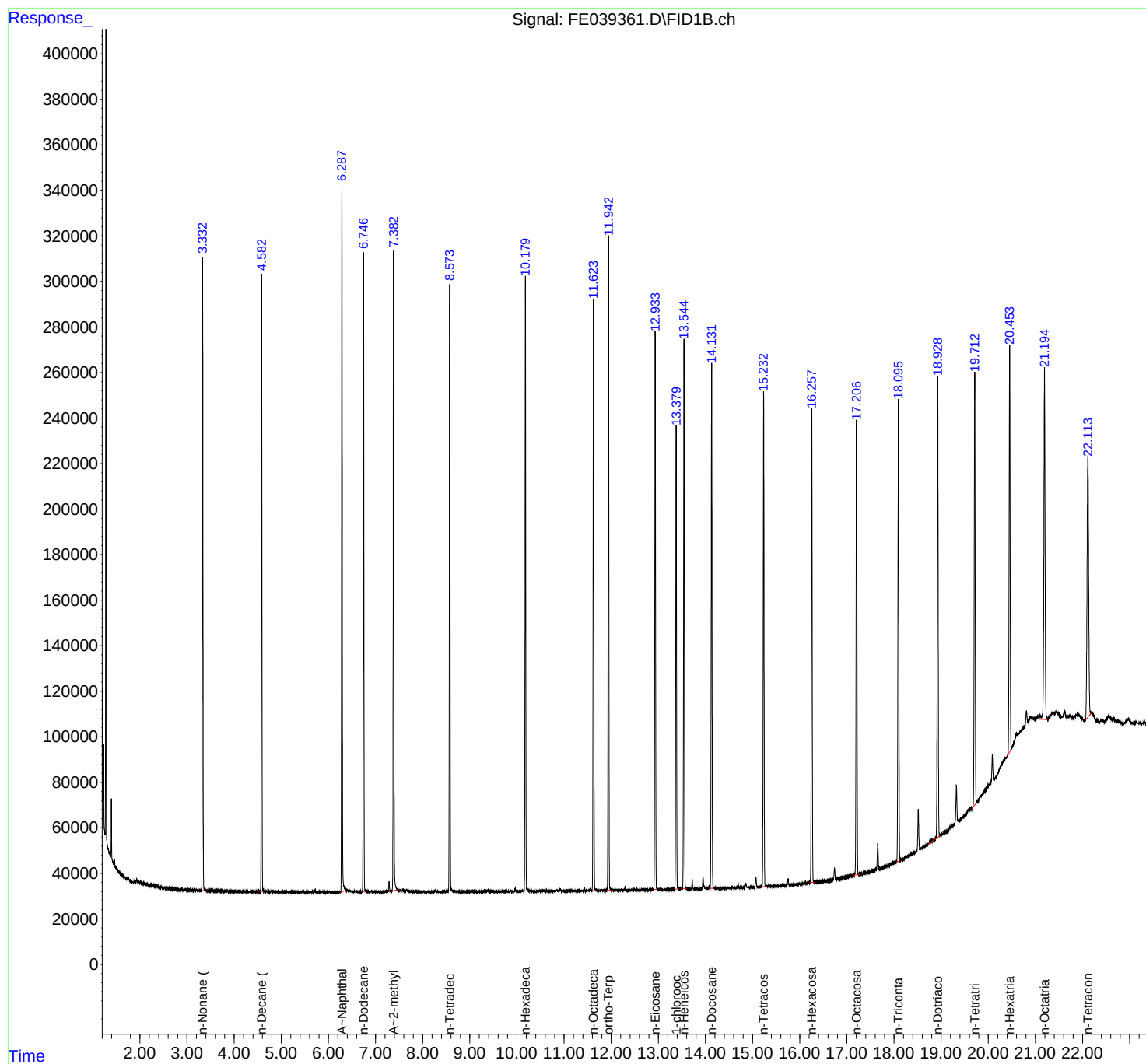
(m)=manual int.

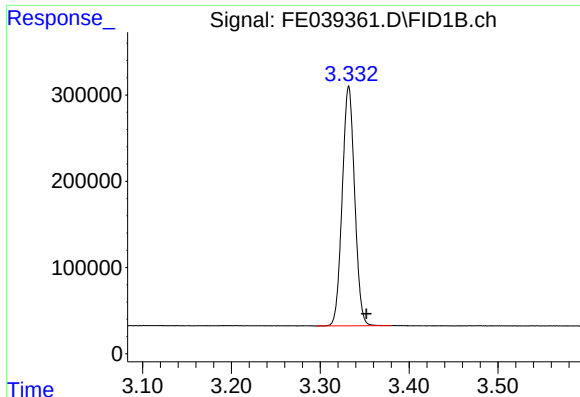
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121622AL\  
Data File : FE039361.D  
Signal(s) : FID1B.ch  
Acq On : 16 Dec 2022 22:16  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 111922.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 19 05:37:37 2022  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

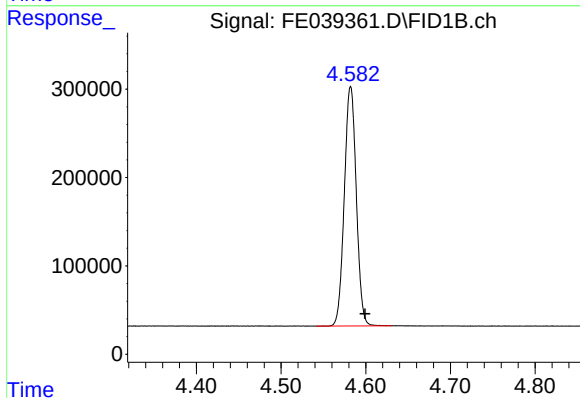




#1 n-Nonane (C9)

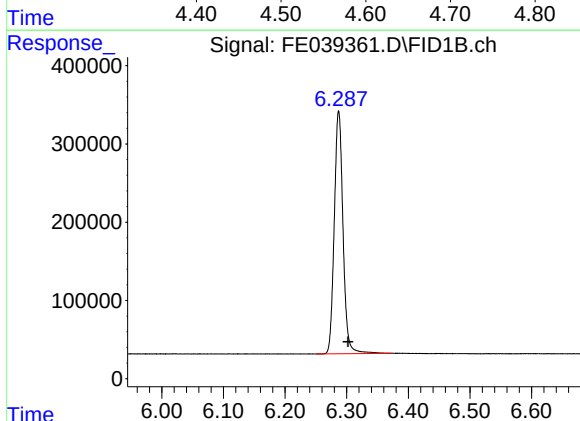
R.T.: 3.332 min  
Delta R.T.: -0.020 min  
Response: 2704148  
Conc: 19.08 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



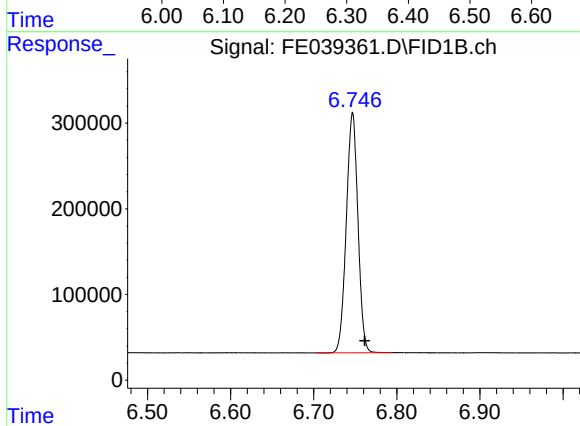
#2 n-Decane (C10)

R.T.: 4.582 min  
Delta R.T.: -0.017 min  
Response: 2664332  
Conc: 19.12 ug/ml



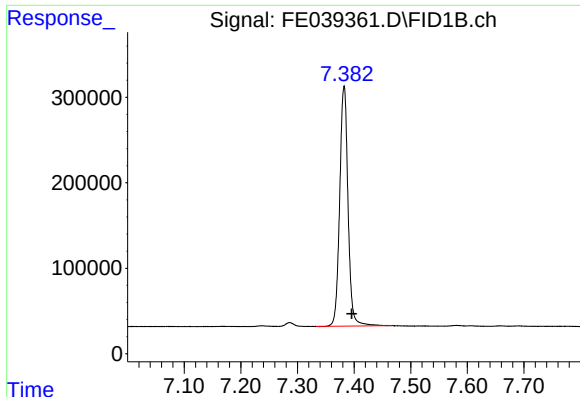
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min  
Delta R.T.: -0.015 min  
Response: 3058505  
Conc: 19.23 ug/ml



#4 n-Dodecane (C12)

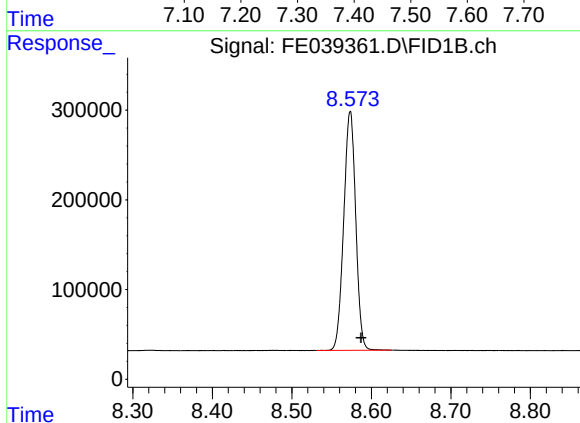
R.T.: 6.747 min  
Delta R.T.: -0.015 min  
Response: 2727727  
Conc: 19.35 ug/ml



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

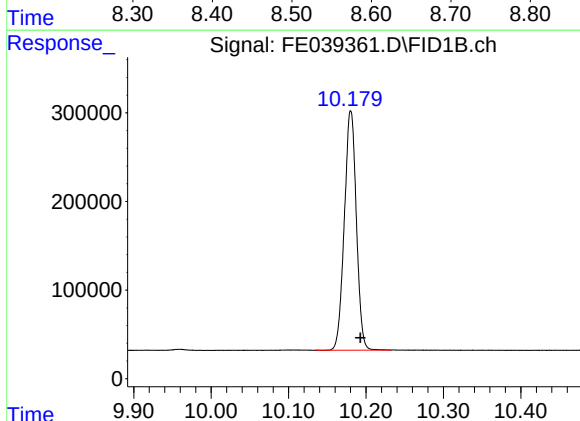
R.T.: 7.382 min  
Delta R.T.: -0.013 min  
Response: 2877567  
Conc: 19.23 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



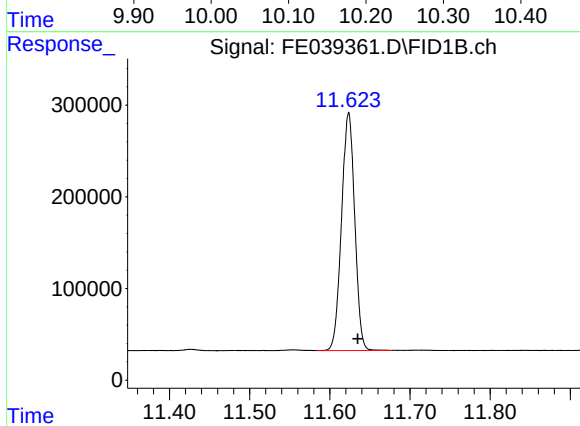
#6 n-Tetradecane (C14)

R.T.: 8.573 min  
Delta R.T.: -0.014 min  
Response: 2798200  
Conc: 19.59 ug/ml



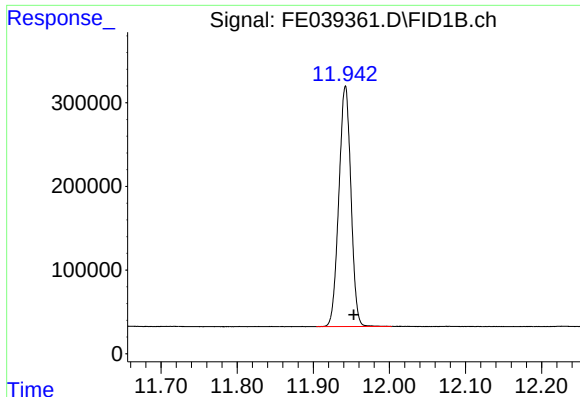
#7 n-Hexadecane (C16)

R.T.: 10.180 min  
Delta R.T.: -0.012 min  
Response: 2914261  
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

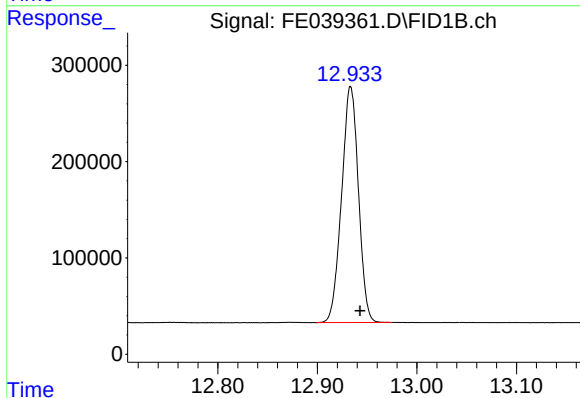
R.T.: 11.624 min  
Delta R.T.: -0.011 min  
Response: 2970190  
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

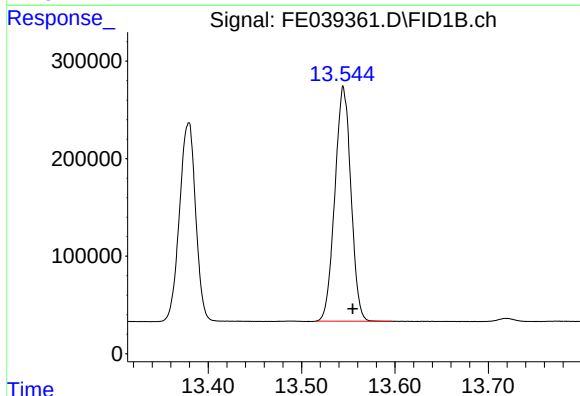
R.T.: 11.942 min  
Delta R.T.: -0.011 min  
Response: 3166981  
Conc: 20.24 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



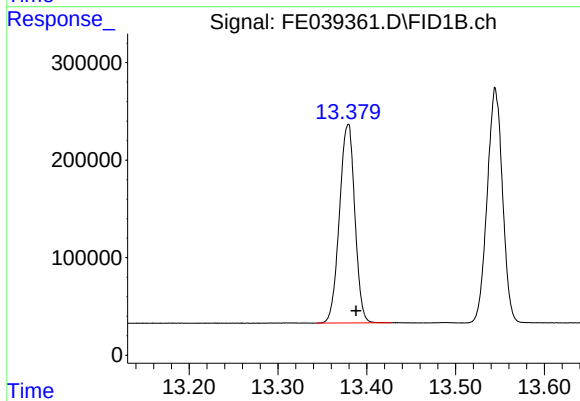
#10 n-Eicosane (C20)

R.T.: 12.933 min  
Delta R.T.: -0.009 min  
Response: 2881515  
Conc: 20.30 ug/ml



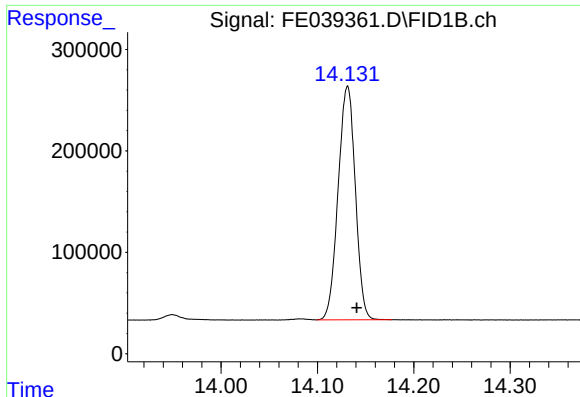
#11 n-Heneicosane (C21)

R.T.: 13.545 min  
Delta R.T.: -0.010 min  
Response: 2877946  
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

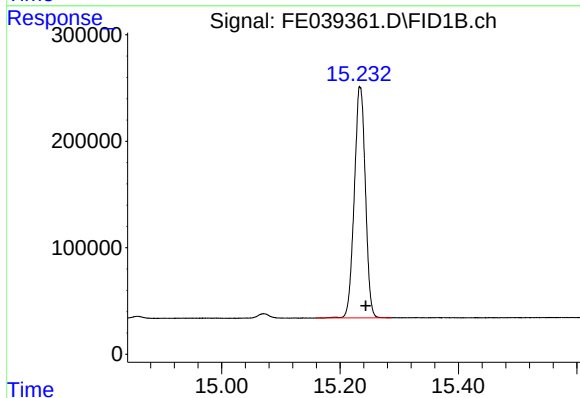
R.T.: 13.379 min  
Delta R.T.: -0.009 min  
Response: 2450501  
Conc: 20.30 ug/ml



#13 n-Docosane (C22)

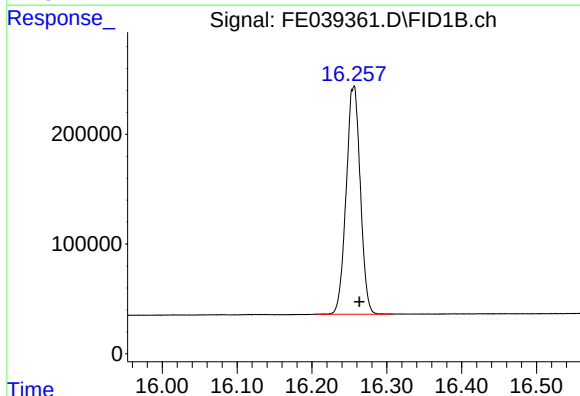
R.T.: 14.131 min  
Delta R.T.: -0.009 min  
Response: 2850524  
Conc: 20.39 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



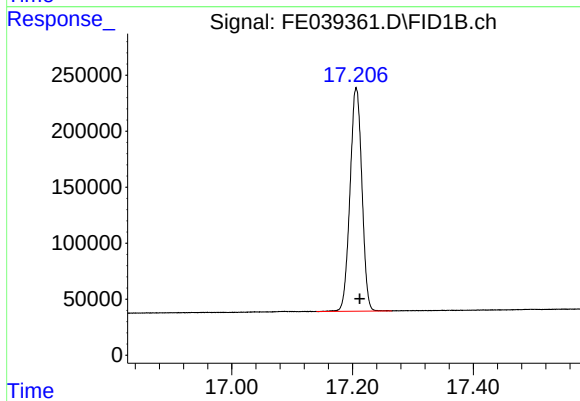
#14 n-Tetracosane (C24)

R.T.: 15.234 min  
Delta R.T.: -0.010 min  
Response: 2820293  
Conc: 20.42 ug/ml



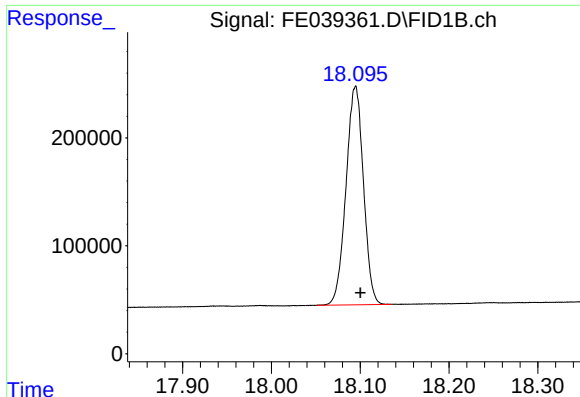
#15 n-Hexacosane (C26)

R.T.: 16.256 min  
Delta R.T.: -0.008 min  
Response: 2729175  
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

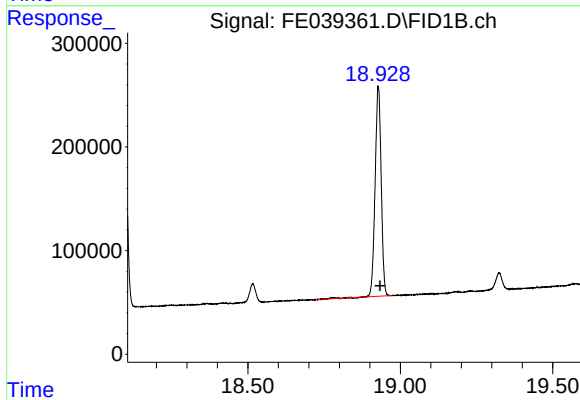
R.T.: 17.206 min  
Delta R.T.: -0.006 min  
Response: 2720732  
Conc: 20.49 ug/ml



#17 n-Tricontane (C30)

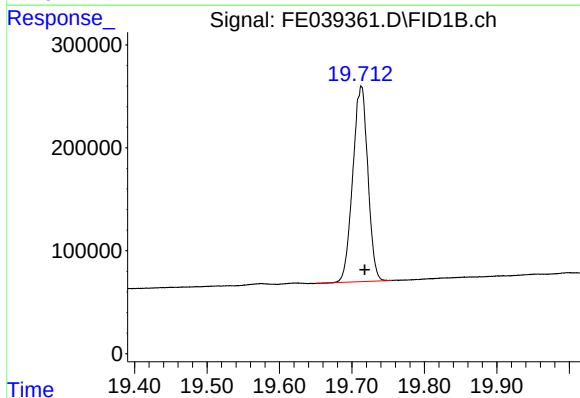
R.T.: 18.095 min  
Delta R.T.: -0.006 min  
Response: 2761667  
Conc: 20.91 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



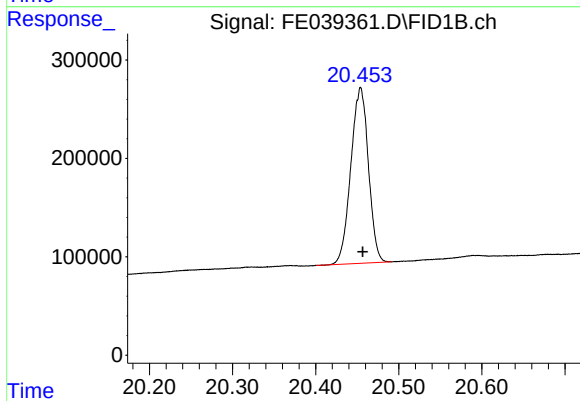
#18 n-Dotriacontane (C32)

R.T.: 18.928 min  
Delta R.T.: -0.006 min  
Response: 2824647  
Conc: 21.18 ug/ml



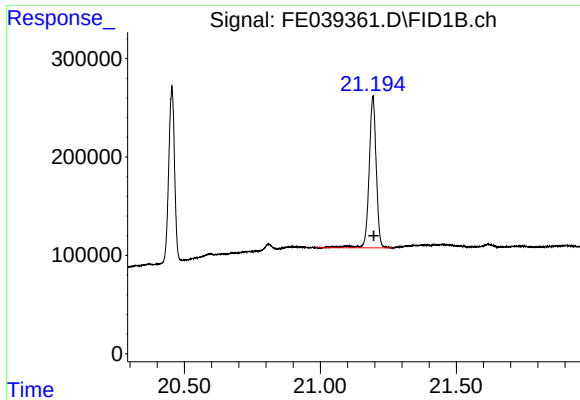
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min  
Delta R.T.: -0.005 min  
Response: 2743953  
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

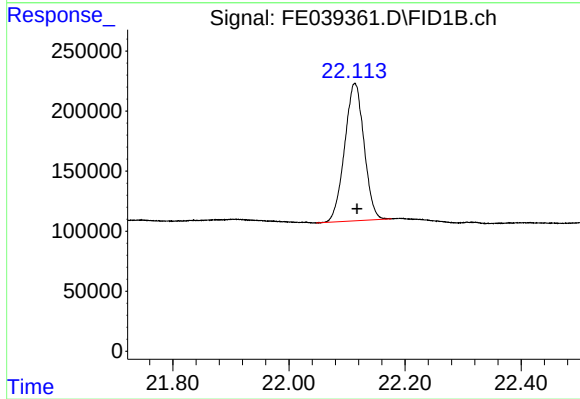
R.T.: 20.454 min  
Delta R.T.: -0.003 min  
Response: 2624679  
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min  
Delta R.T.: -0.004 min  
Response: 2825863  
Conc: 21.57 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.113 min  
Delta R.T.: -0.004 min  
Response: 2657009  
Conc: 19.51 ug/ml