

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112822AL\  
 Data File : FE038994.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Nov 2022 13:44  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Nov 29 02:19:34 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\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)    | 11.954 | 3216515    | 20.561 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.12%       |
| 12) S 1-chlorooctadecane (S... | 13.388 | 2488327    | 20.609 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.22%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.346  | 2797166    | 19.733 ug/ml |
| 2) T n-Decane (C10)            | 4.597  | 2787106    | 19.997 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.300  | 3215297    | 20.215 ug/ml |
| 4) T n-Dodecane (C12)          | 6.760  | 2830844    | 20.083 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.394  | 3020796    | 20.184 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.585  | 2886337    | 20.209 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.193 | 2978745    | 20.373 ug/ml |
| 8) T n-Octadecane (C18)        | 11.635 | 3015519    | 20.493 ug/ml |
| 10) T n-Eicosane (C20)         | 12.944 | 2923831    | 20.596 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.555 | 2928083    | 20.606 ug/ml |
| 13) T n-Docosane (C22)         | 14.140 | 2895612    | 20.714 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.244 | 2852849    | 20.657 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.264 | 2787122    | 20.751 ug/ml |
| 16) T n-Octacosane (C28)       | 17.214 | 2817832    | 21.219 ug/ml |
| 17) T n-Tricontane (C30)       | 18.103 | 2928369    | 22.174 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.936 | 3012058    | 22.585 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.720 | 2910695    | 21.997 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.460 | 2765833    | 21.529 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.201 | 2803663    | 21.396 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.125 | 2687476    | 19.736 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

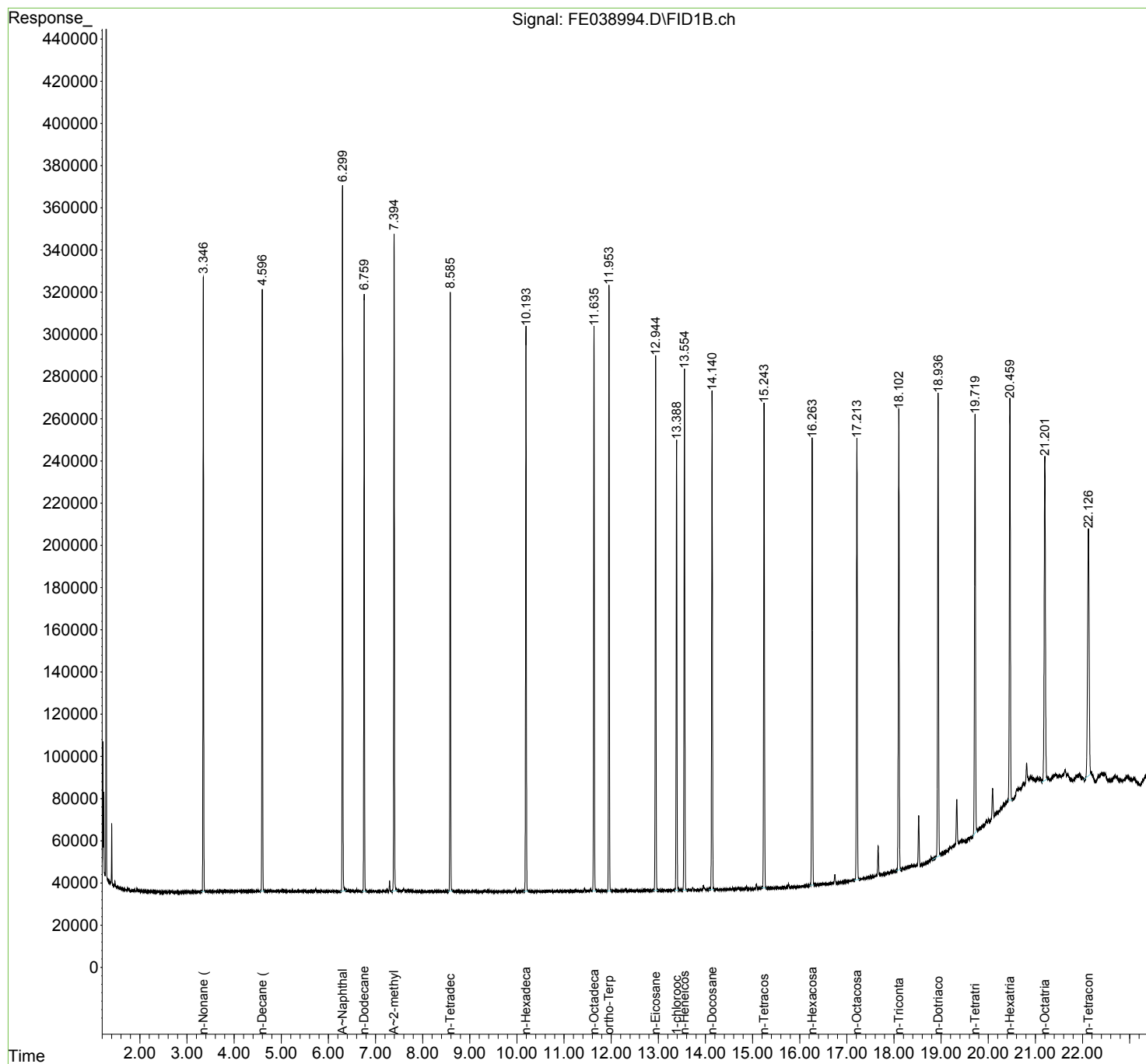
(m)=manual int.

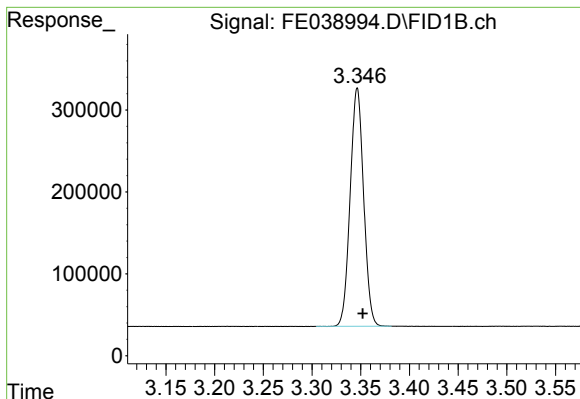
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112822AL\  
Data File : FE038994.D  
Signal(s) : FID1B.ch  
Acq On : 28 Nov 2022 13:44  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Time: Nov 29 02:19:34 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\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

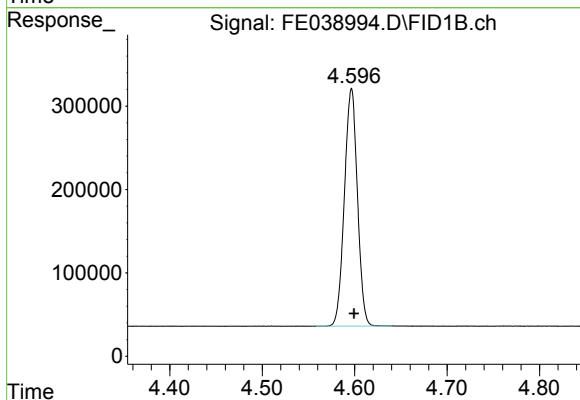




#1 n-Nonane (C9)

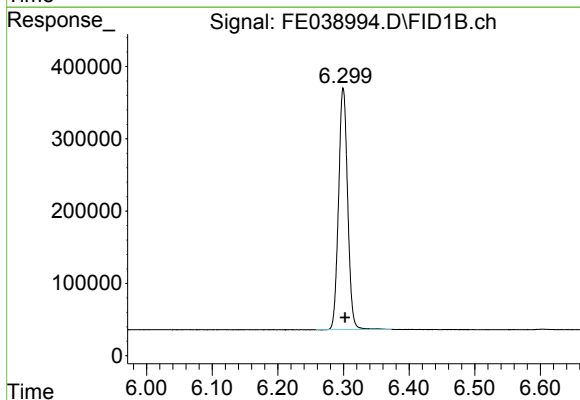
R.T.: 3.346 min  
Delta R.T.: -0.006 min  
Response: 2797166  
Conc: 19.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



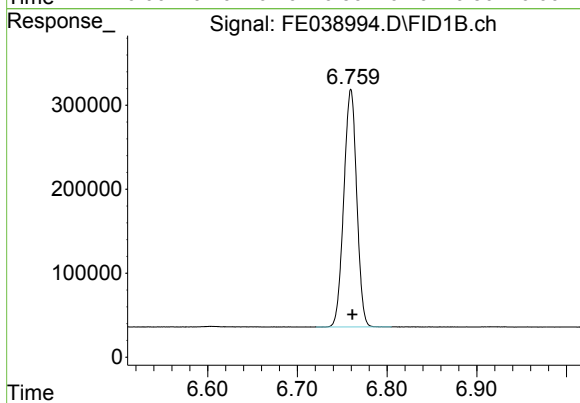
#2 n-Decane (C10)

R.T.: 4.597 min  
Delta R.T.: -0.003 min  
Response: 2787106  
Conc: 20.00 ug/ml



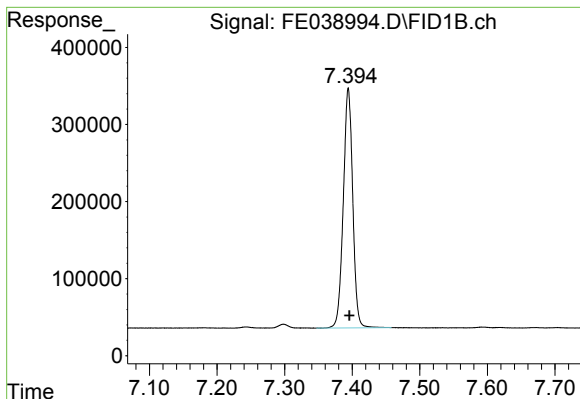
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min  
Delta R.T.: -0.003 min  
Response: 3215297  
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

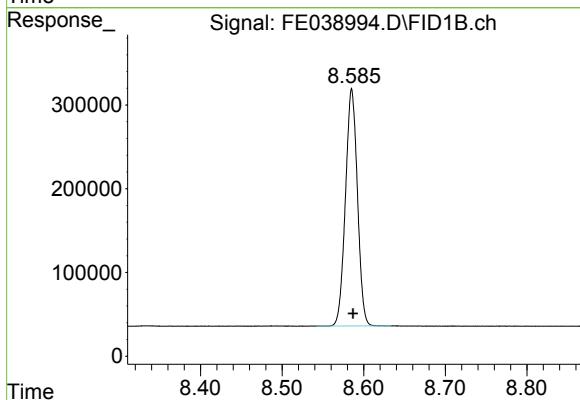
R.T.: 6.760 min  
Delta R.T.: -0.002 min  
Response: 2830844  
Conc: 20.08 ug/ml



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

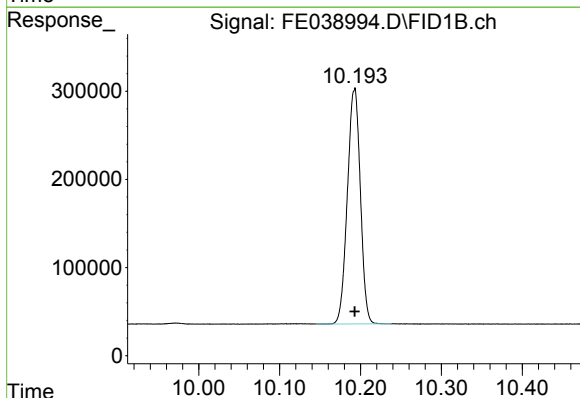
R.T.: 7.394 min  
Delta R.T.: -0.002 min  
Response: 3020796  
Conc: 20.18 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



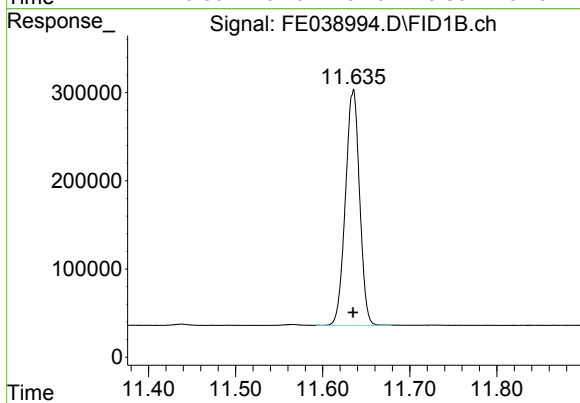
#6 n-Tetradecane (C14)

R.T.: 8.585 min  
Delta R.T.: -0.002 min  
Response: 2886337  
Conc: 20.21 ug/ml



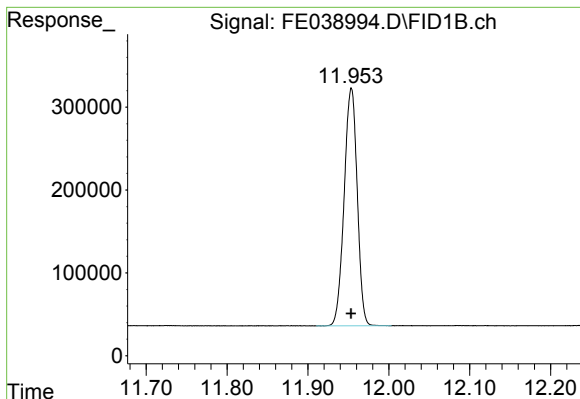
#7 n-Hexadecane (C16)

R.T.: 10.193 min  
Delta R.T.: 0.000 min  
Response: 2978745  
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

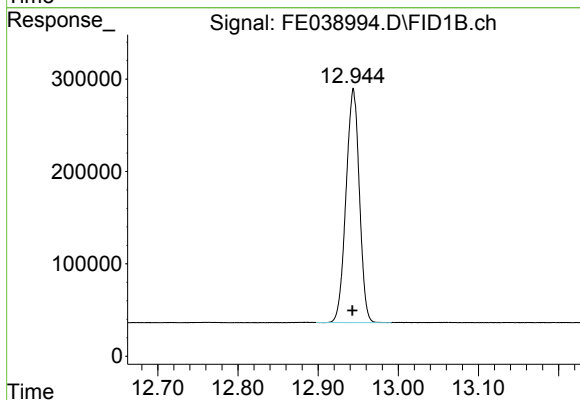
R.T.: 11.635 min  
Delta R.T.: 0.000 min  
Response: 3015519  
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

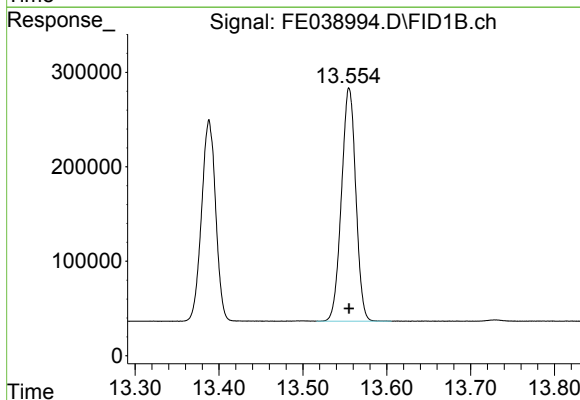
R.T.: 11.954 min  
Delta R.T.: 0.000 min  
Response: 3216515  
Conc: 20.56 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



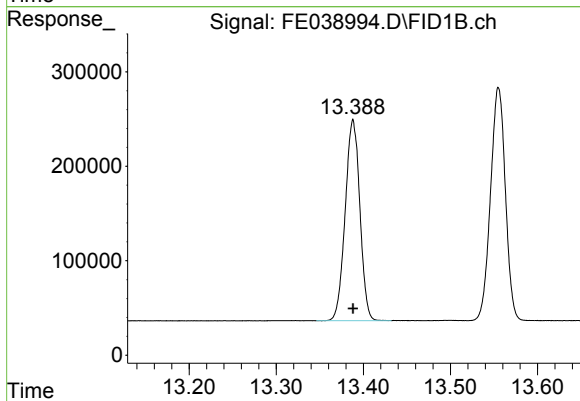
#10 n-Eicosane (C20)

R.T.: 12.944 min  
Delta R.T.: 0.001 min  
Response: 2923831  
Conc: 20.60 ug/ml



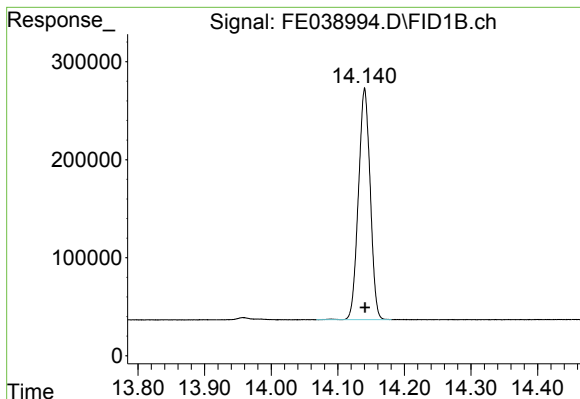
#11 n-Heneicosane (C21)

R.T.: 13.555 min  
Delta R.T.: 0.000 min  
Response: 2928083  
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

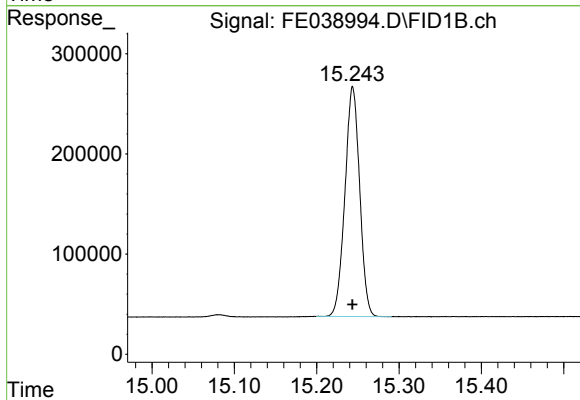
R.T.: 13.388 min  
Delta R.T.: 0.000 min  
Response: 2488327  
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

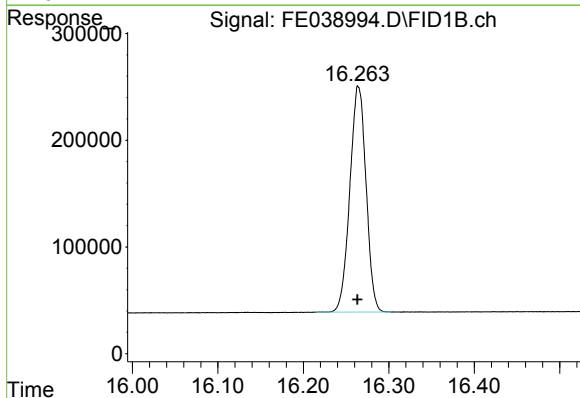
R.T.: 14.140 min  
Delta R.T.: 0.000 min  
Response: 2895612  
Conc: 20.71 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



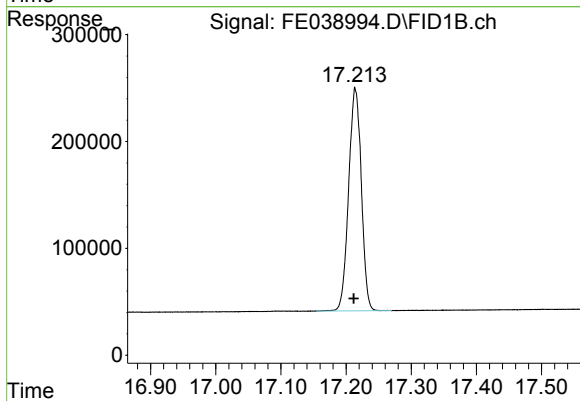
#14 n-Tetracosane (C24)

R.T.: 15.244 min  
Delta R.T.: 0.000 min  
Response: 2852849  
Conc: 20.66 ug/ml



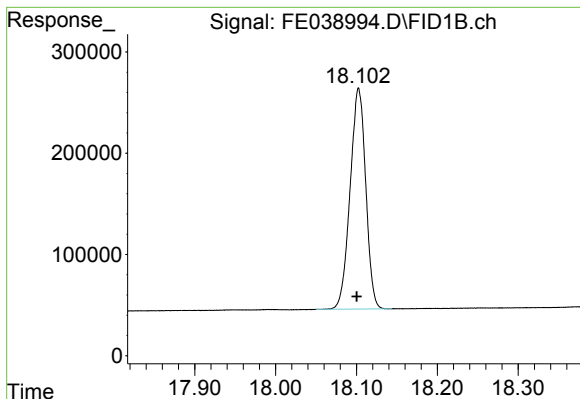
#15 n-Hexacosane (C26)

R.T.: 16.264 min  
Delta R.T.: 0.001 min  
Response: 2787122  
Conc: 20.75 ug/ml



#16 n-Octacosane (C28)

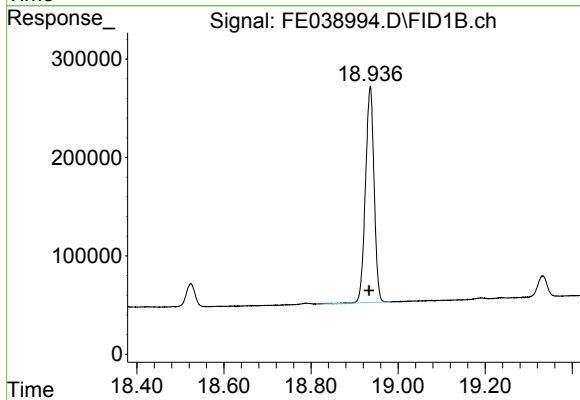
R.T.: 17.214 min  
Delta R.T.: 0.002 min  
Response: 2817832  
Conc: 21.22 ug/ml



#17 n-Tricontane (C30)

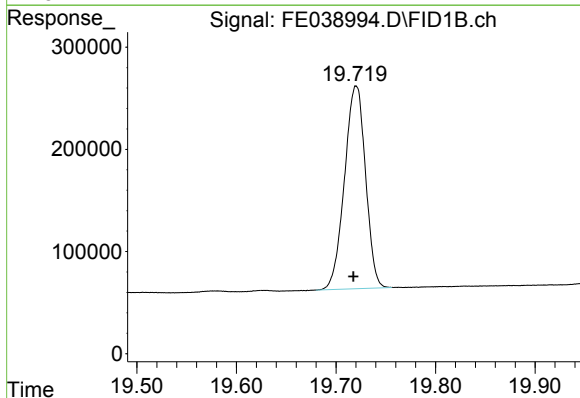
R.T.: 18.103 min  
Delta R.T.: 0.002 min  
Response: 2928369  
Conc: 22.17 ug/ml

Instrument :  
FID\_E  
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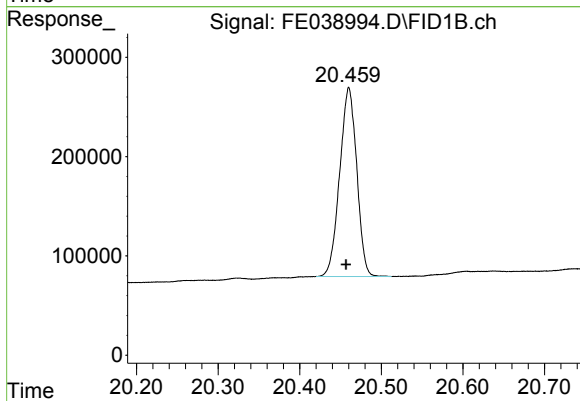
#18 n-Dotriacontane (C32)

R.T.: 18.936 min  
Delta R.T.: 0.003 min  
Response: 3012058  
Conc: 22.58 ug/ml



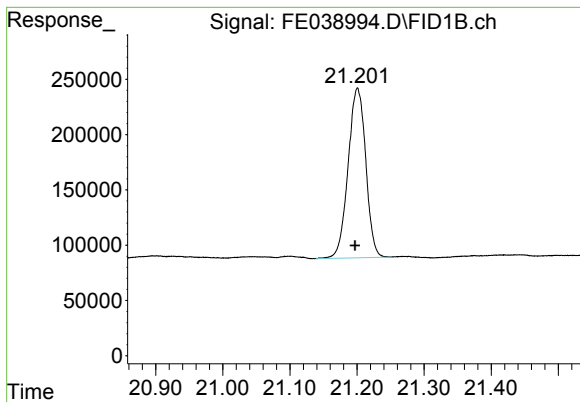
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min  
Delta R.T.: 0.003 min  
Response: 2910695  
Conc: 22.00 ug/ml



#20 n-Hexatriacontane (C36)

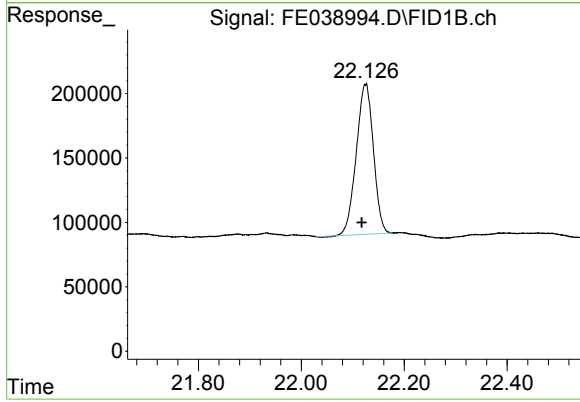
R.T.: 20.460 min  
Delta R.T.: 0.003 min  
Response: 2765833  
Conc: 21.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min  
Delta R.T.: 0.003 min  
Response: 2803663  
Conc: 21.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.125 min  
Delta R.T.: 0.008 min  
Response: 2687476  
Conc: 19.74 ug/ml