

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112124AL\  
 Data File : FE051376.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Nov 2024 05:25  
 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: Nov 22 03:44:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 07 04:56:04 2024  
 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)    | 11.842 | 3272240    | 21.801 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.60%       |
| 12) S 1-chlorooctadecane (S... | 13.275 | 2537809    | 22.353 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.71%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.233  | 2968035    | 21.450 ug/ml |
| 2) T n-Decane (C10)            | 4.480  | 3027122    | 21.595 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.193  | 2794830    | 21.197 ug/ml |
| 4) T n-Dodecane (C12)          | 6.646  | 3044690    | 21.563 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.290  | 2706911    | 21.639 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.473  | 3001310    | 21.536 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.079 | 3075750    | 21.674 ug/ml |
| 8) T n-Octadecane (C18)        | 11.521 | 3121595    | 21.859 ug/ml |
| 10) T n-Eicosane (C20)         | 12.828 | 3013411    | 22.019 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.440 | 2954386    | 22.106 ug/ml |
| 13) T n-Docosane (C22)         | 14.025 | 2927782    | 22.022 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.126 | 2903611    | 21.888 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.146 | 2827567    | 21.122 ug/ml |
| 16) T n-Octacosane (C28)       | 17.095 | 2737290    | 20.079 ug/ml |
| 17) T n-Tricontane (C30)       | 17.981 | 2709782    | 18.651 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.813 | 2625260    | 17.681 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.595 | 2333766    | 17.369 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.335 | 2091461    | 17.528 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.058 | 1948287    | 17.118 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.938 | 1904746    | 17.126 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

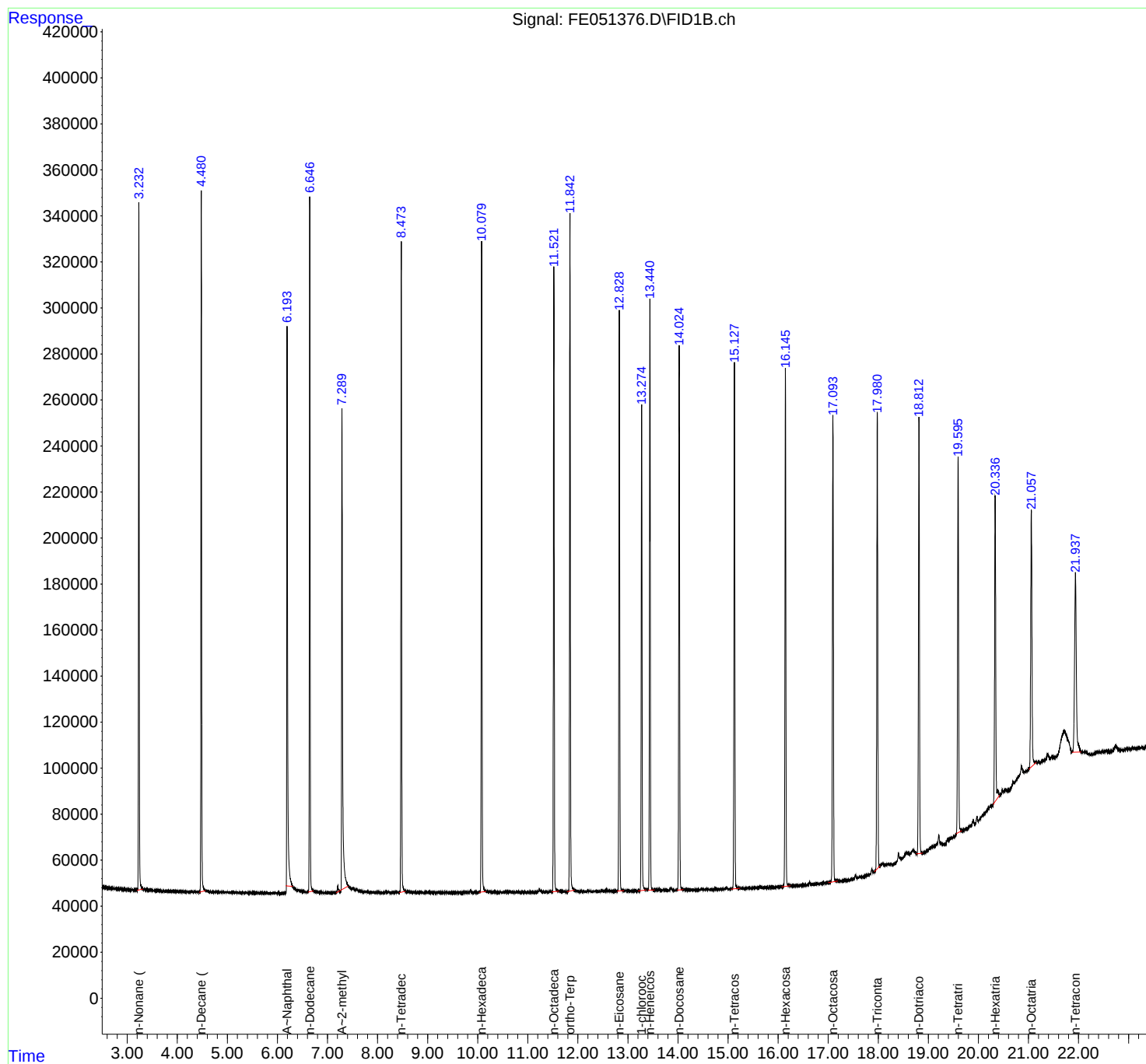
(m)=manual int.

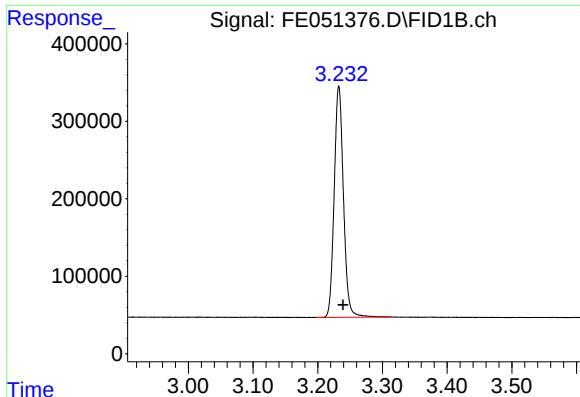
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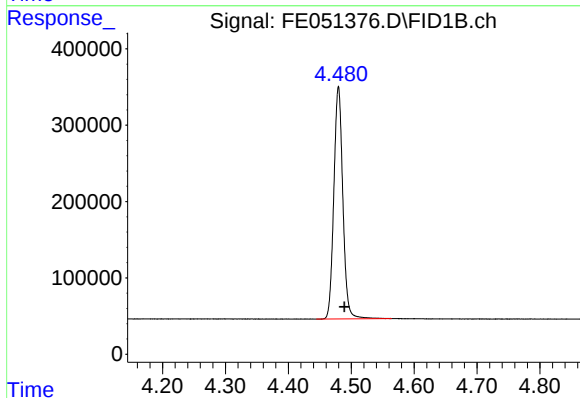




#1 n-Nonane (C9)

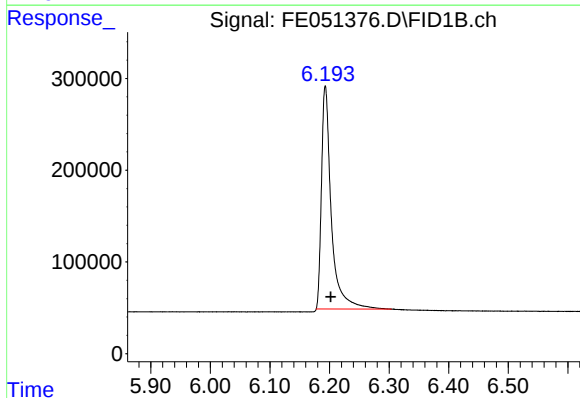
R.T.: 3.233 min  
Delta R.T.: -0.006 min  
Response: 2968035  
Conc: 21.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



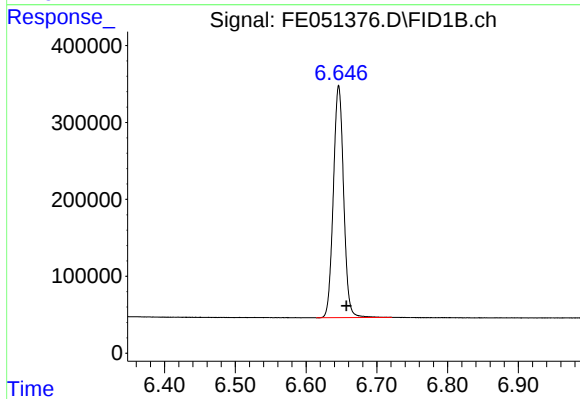
#2 n-Decane (C10)

R.T.: 4.480 min  
Delta R.T.: -0.010 min  
Response: 3027122  
Conc: 21.59 ug/ml



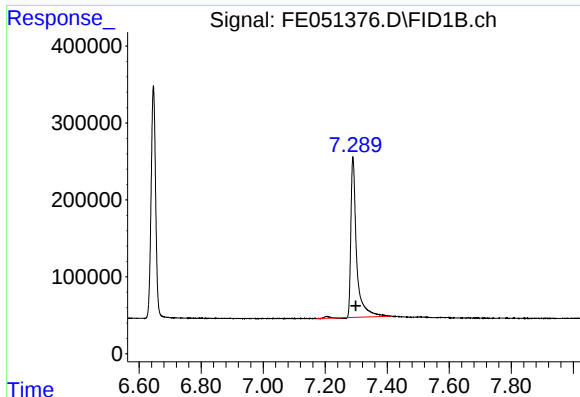
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min  
Delta R.T.: -0.009 min  
Response: 2794830  
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

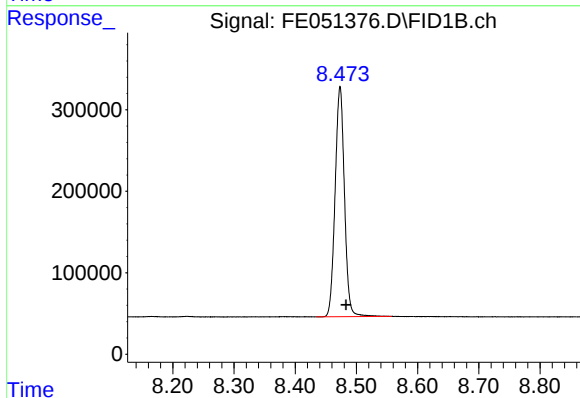
R.T.: 6.646 min  
Delta R.T.: -0.011 min  
Response: 3044690  
Conc: 21.56 ug/ml



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

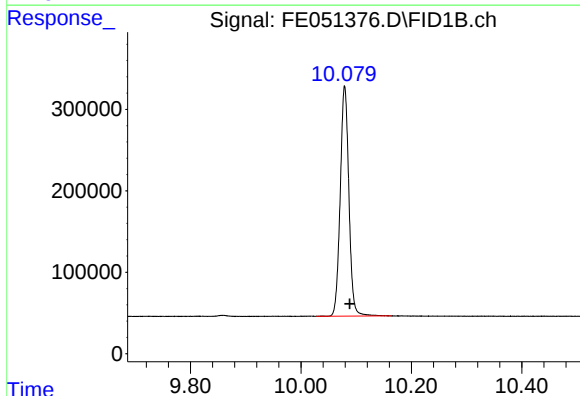
R.T.: 7.290 min  
Delta R.T.: -0.008 min  
Response: 2706911  
Conc: 21.64 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



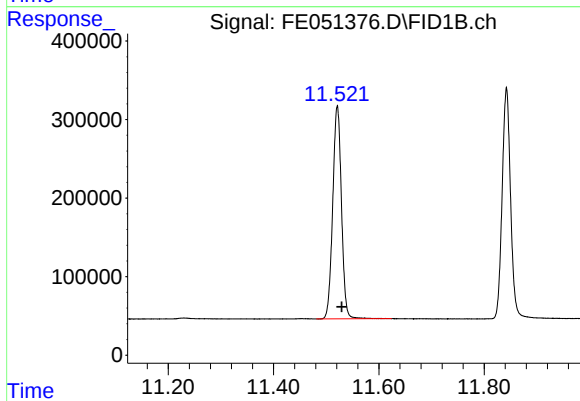
#6 n-Tetradecane (C14)

R.T.: 8.473 min  
Delta R.T.: -0.010 min  
Response: 3001310  
Conc: 21.54 ug/ml



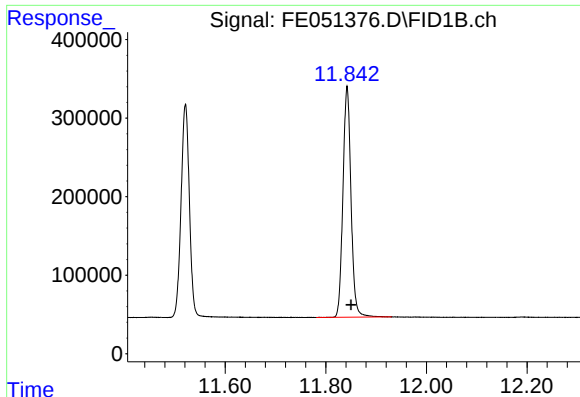
#7 n-Hexadecane (C16)

R.T.: 10.079 min  
Delta R.T.: -0.009 min  
Response: 3075750  
Conc: 21.67 ug/ml



#8 n-Octadecane (C18)

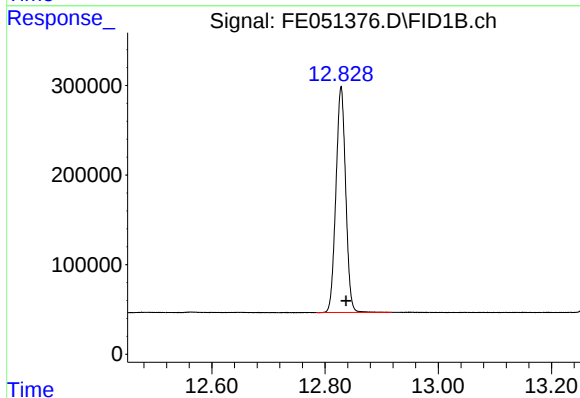
R.T.: 11.521 min  
Delta R.T.: -0.009 min  
Response: 3121595  
Conc: 21.86 ug/ml



#9 ortho-Terphenyl (SURR)

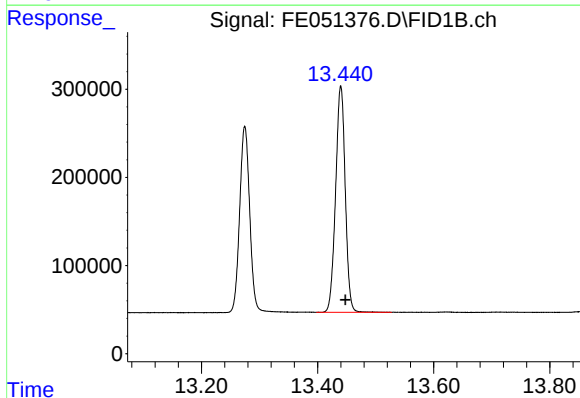
R.T.: 11.842 min  
Delta R.T.: -0.008 min  
Response: 3272240  
Conc: 21.80 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



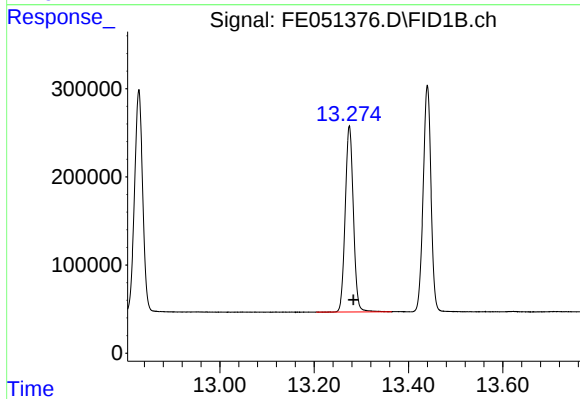
#10 n-Eicosane (C20)

R.T.: 12.828 min  
Delta R.T.: -0.009 min  
Response: 3013411  
Conc: 22.02 ug/ml



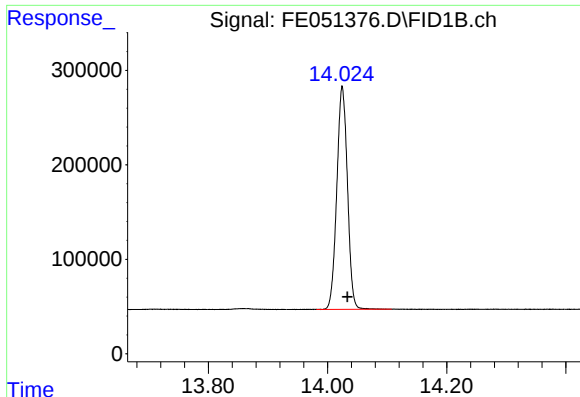
#11 n-Heneicosane (C21)

R.T.: 13.440 min  
Delta R.T.: -0.008 min  
Response: 2954386  
Conc: 22.11 ug/ml



#12 1-chlorooctadecane (SURR)

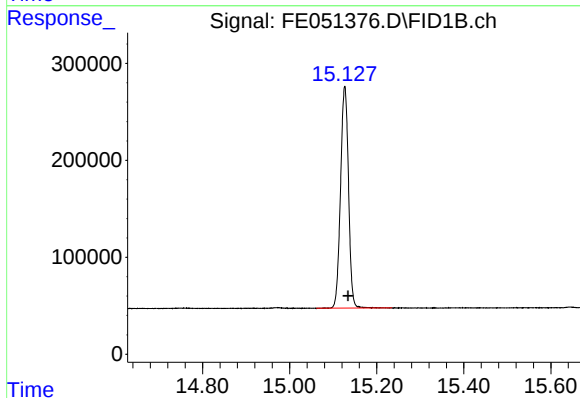
R.T.: 13.275 min  
Delta R.T.: -0.008 min  
Response: 2537809  
Conc: 22.35 ug/ml



#13 n-Docosane (C22)

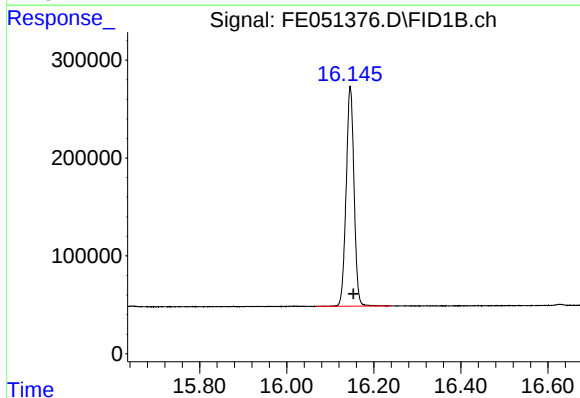
R.T.: 14.025 min  
Delta R.T.: -0.009 min  
Response: 2927782  
Conc: 22.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



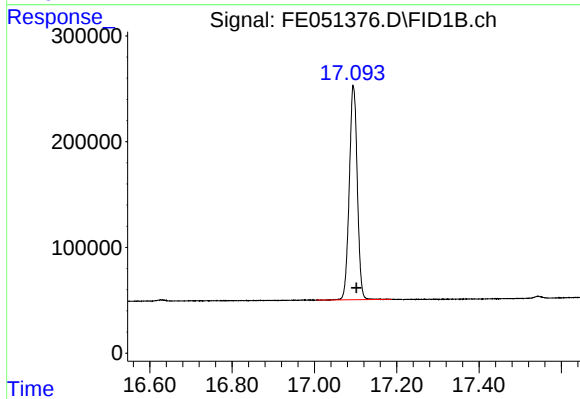
#14 n-Tetracosane (C24)

R.T.: 15.126 min  
Delta R.T.: -0.008 min  
Response: 2903611  
Conc: 21.89 ug/ml



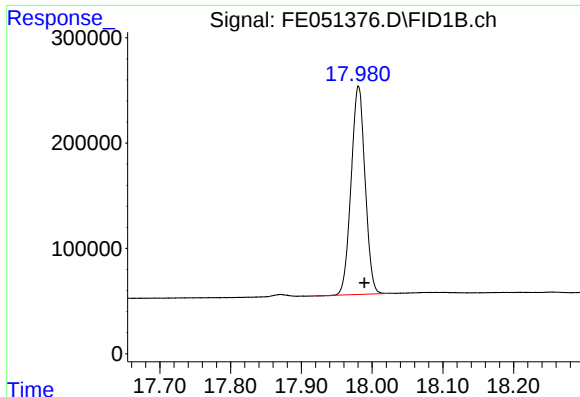
#15 n-Hexacosane (C26)

R.T.: 16.146 min  
Delta R.T.: -0.008 min  
Response: 2827567  
Conc: 21.12 ug/ml



#16 n-Octacosane (C28)

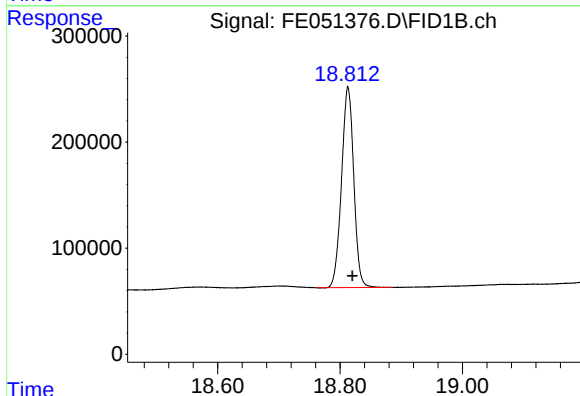
R.T.: 17.095 min  
Delta R.T.: -0.007 min  
Response: 2737290  
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

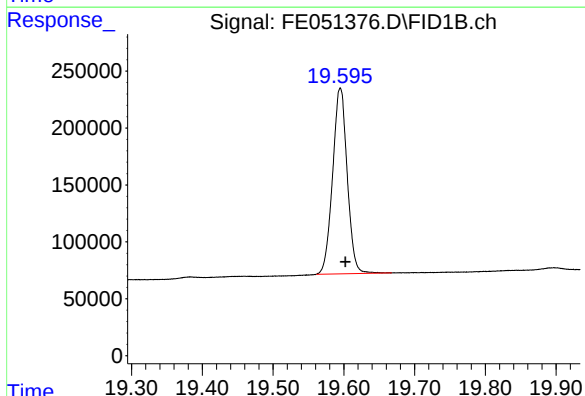
R.T.: 17.981 min  
Delta R.T.: -0.008 min  
Response: 2709782  
Conc: 18.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



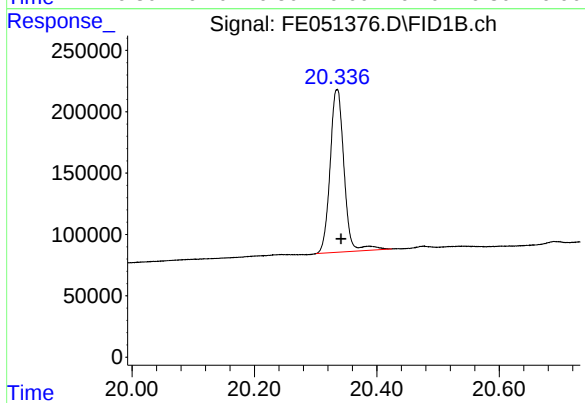
#18 n-Dotriacontane (C32)

R.T.: 18.813 min  
Delta R.T.: -0.007 min  
Response: 2625260  
Conc: 17.68 ug/ml



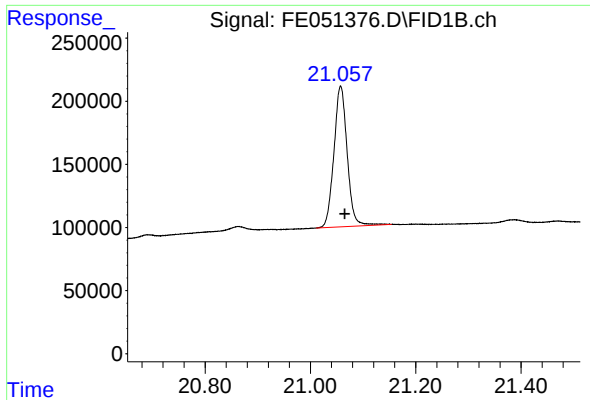
#19 n-Tetratriacontane (C34)

R.T.: 19.595 min  
Delta R.T.: -0.007 min  
Response: 2333766  
Conc: 17.37 ug/ml



#20 n-Hexatriacontane (C36)

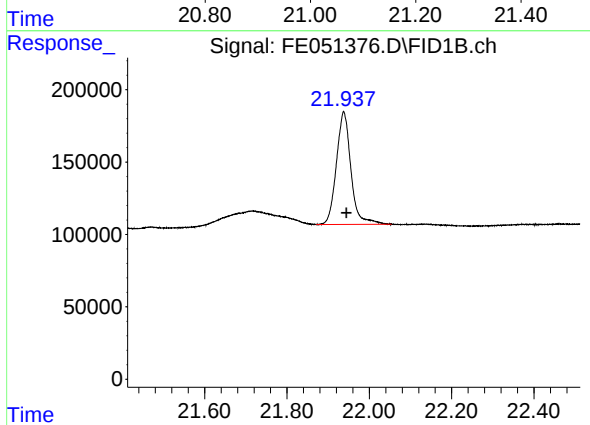
R.T.: 20.335 min  
Delta R.T.: -0.007 min  
Response: 2091461  
Conc: 17.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.058 min  
Delta R.T.: -0.007 min  
Response: 1948287  
Conc: 17.12 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.938 min  
Delta R.T.: -0.007 min  
Response: 1904746  
Conc: 17.13 ug/ml