

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090922AL\  
 Data File : FE037477.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Sep 2022 10:58  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 12 02:41:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 30 06:54:11 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)    | 11.644 | 3051202    | 18.055 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.11%       |
| 12) S 1-chlorooctadecane (S... | 13.068 | 2339761    | 18.180 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.36%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.035  | 2832894    | 18.515 ug/ml |
| 2) T n-Decane (C10)            | 4.293  | 2941842    | 19.081 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.008  | 2931787    | 20.350 ug/ml |
| 4) T n-Dodecane (C12)          | 6.465  | 3013995    | 19.060 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.101  | 2881402    | 20.638 ug/ml |
| 6) T n-Tetradecane (C14)       | 9.885  | 2982756    | 18.824 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.885  | 2982756    | 18.824 ug/ml |
| 8) T n-Octadecane (C18)        | 11.321 | 2944658    | 18.492 ug/ml |
| 10) T n-Eicosane (C20)         | 12.625 | 2868730    | 18.131 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.235 | 2833359    | 17.968 ug/ml |
| 13) T n-Docosane (C22)         | 13.817 | 2784596    | 17.888 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.915 | 2697641    | 17.936 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.931 | 2633772    | 18.189 ug/ml |
| 16) T n-Octacosane (C28)       | 16.878 | 2622593    | 18.930 ug/ml |
| 17) T n-Tricontane (C30)       | 17.761 | 2825220    | 20.769 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.591 | 2923664    | 21.895 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.371 | 2891373    | 22.852 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.109 | 2876763    | 22.367 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.807 | 2945559    | 23.667 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.593 | 2916221    | 22.621 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

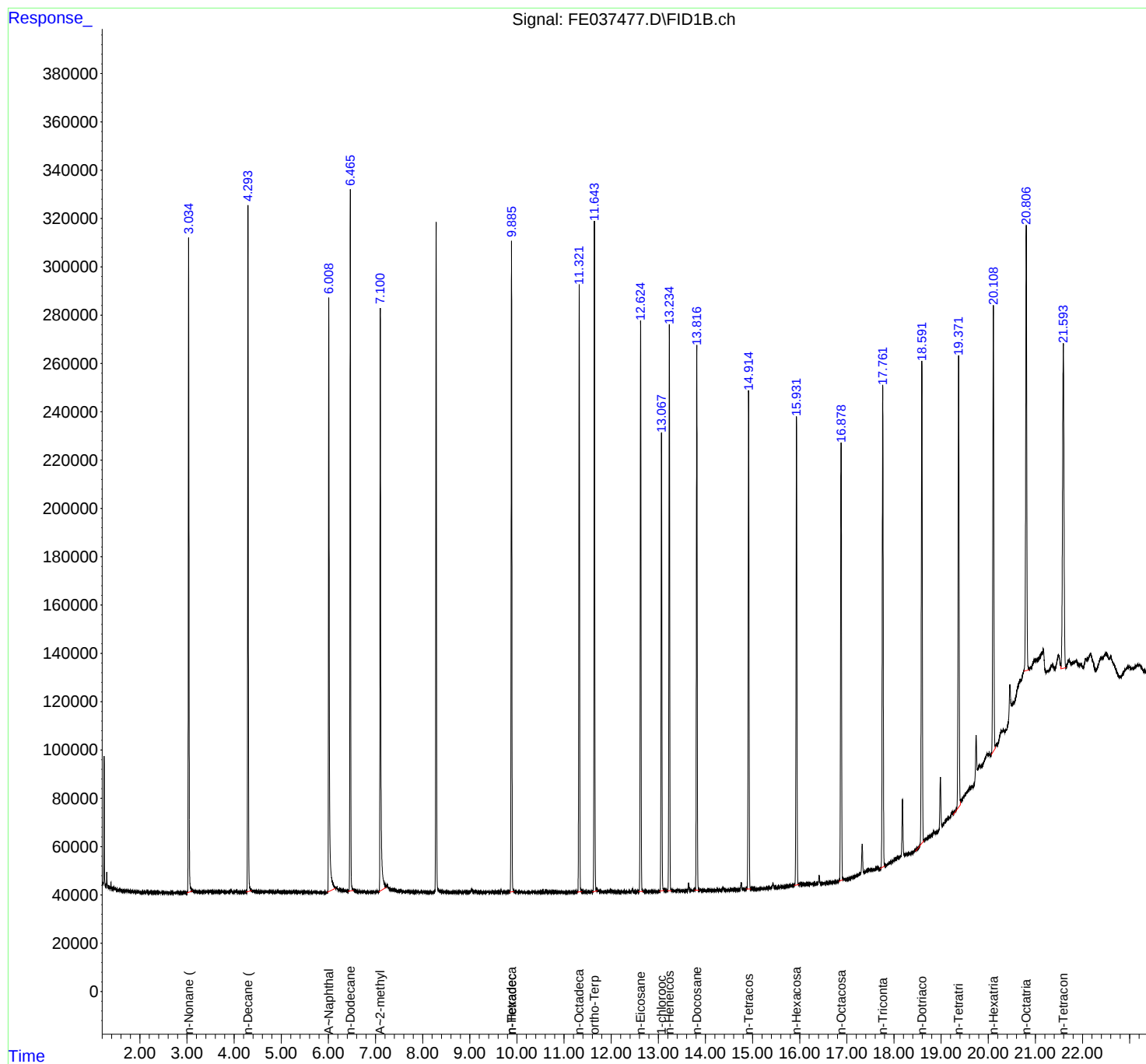
(m)=manual int.

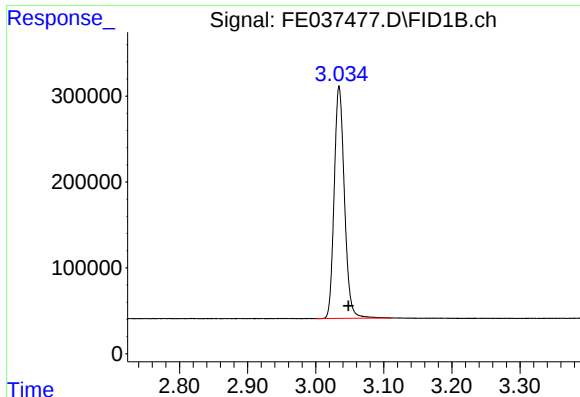
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090922AL\  
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Volume Inj. : 1 ul  
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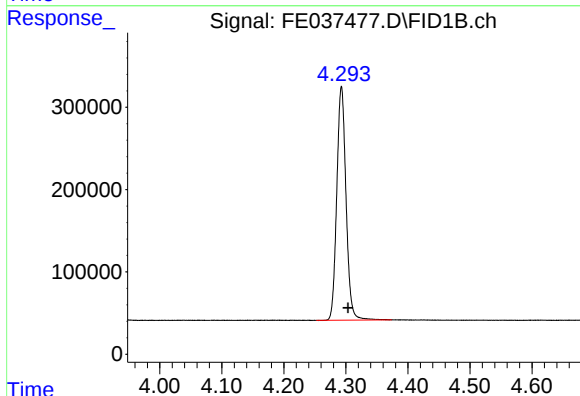




#1 n-Nonane (C9)

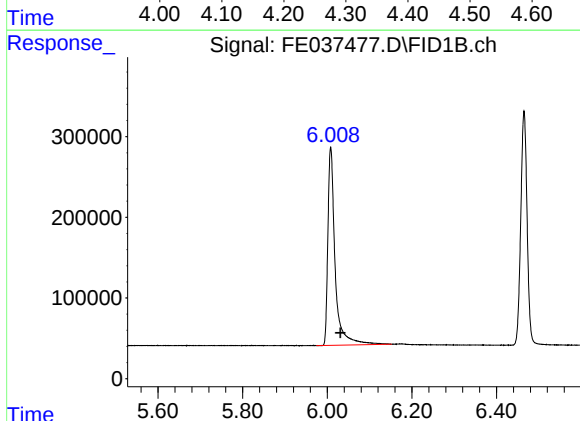
R.T.: 3.035 min  
Delta R.T.: -0.014 min  
Response: 2832894  
Conc: 18.51 ug/ml

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



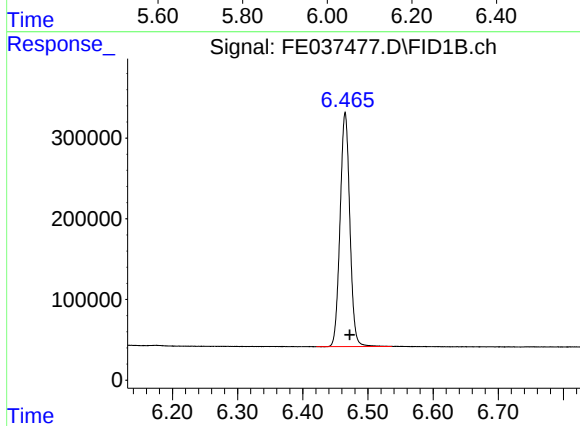
#2 n-Decane (C10)

R.T.: 4.293 min  
Delta R.T.: -0.010 min  
Response: 2941842  
Conc: 19.08 ug/ml



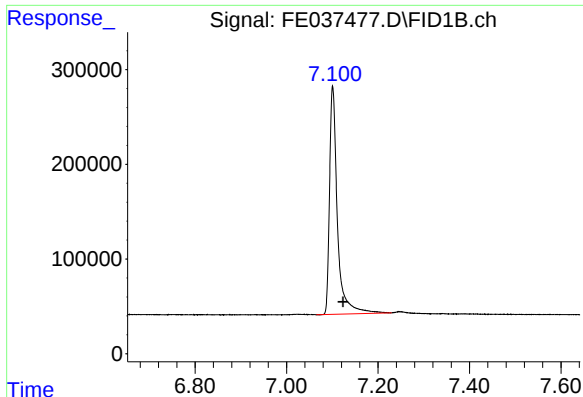
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min  
Delta R.T.: -0.022 min  
Response: 2931787  
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

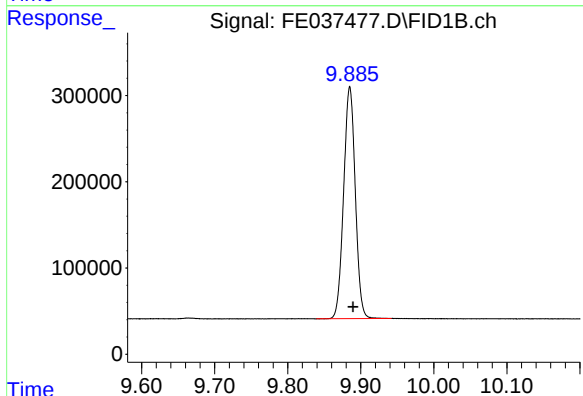
R.T.: 6.465 min  
Delta R.T.: -0.007 min  
Response: 3013995  
Conc: 19.06 ug/ml



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

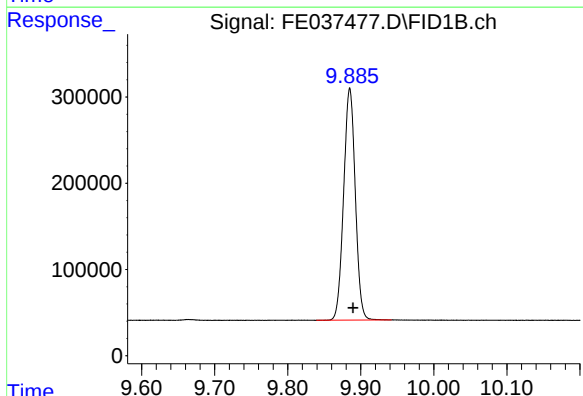
R.T.: 7.101 min  
Delta R.T.: -0.022 min  
Response: 2881402  
Conc: 20.64 ug/ml

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



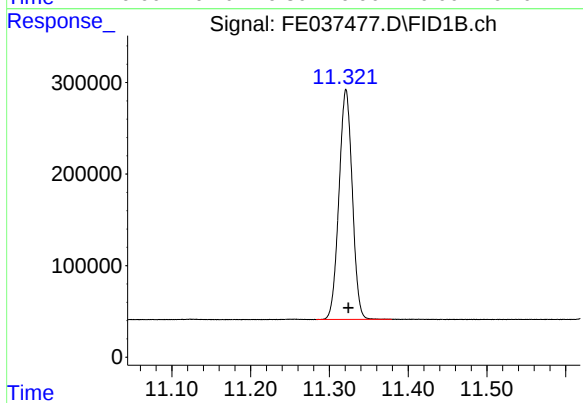
#6 n-Tetradecane (C14)

R.T.: 9.885 min  
Delta R.T.: -0.005 min  
Response: 2982756  
Conc: 18.82 ug/ml



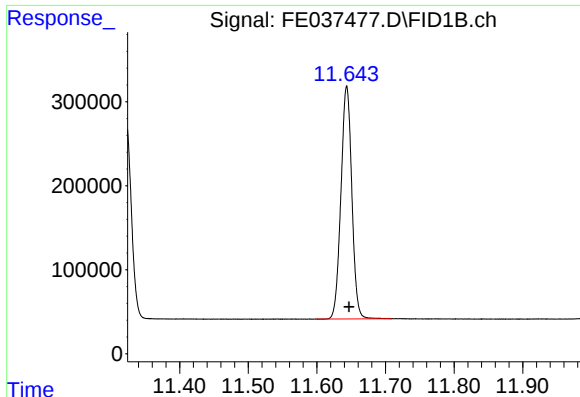
#7 n-Hexadecane (C16)

R.T.: 9.885 min  
Delta R.T.: -0.005 min  
Response: 2982756  
Conc: 18.82 ug/ml



#8 n-Octadecane (C18)

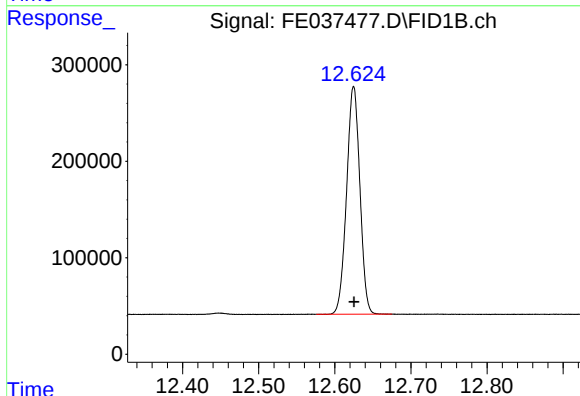
R.T.: 11.321 min  
Delta R.T.: -0.003 min  
Response: 2944658  
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

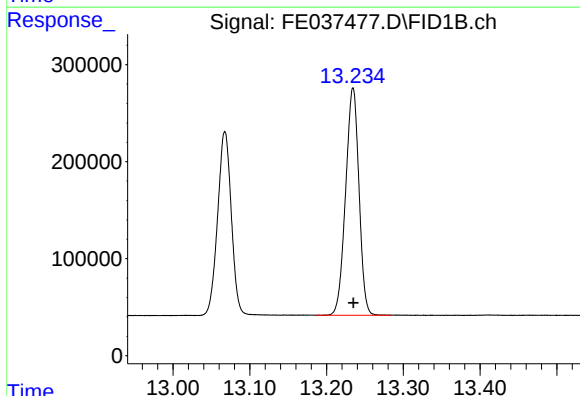
R.T.: 11.644 min  
Delta R.T.: -0.004 min  
Response: 3051202  
Conc: 18.06 ug/ml

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



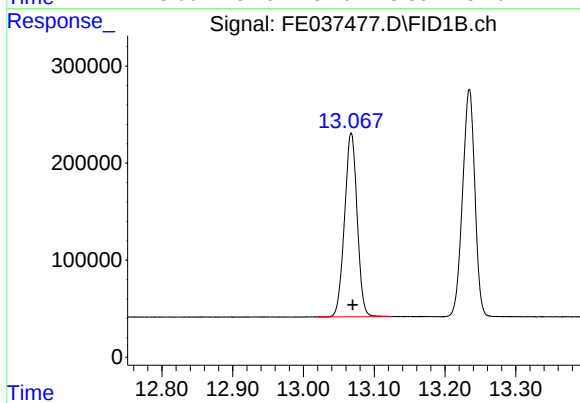
#10 n-Eicosane (C20)

R.T.: 12.625 min  
Delta R.T.: 0.000 min  
Response: 2868730  
Conc: 18.13 ug/ml



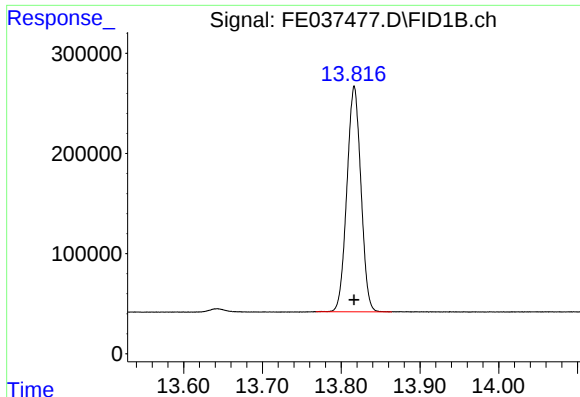
#11 n-Heneicosane (C21)

R.T.: 13.235 min  
Delta R.T.: 0.000 min  
Response: 2833359  
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

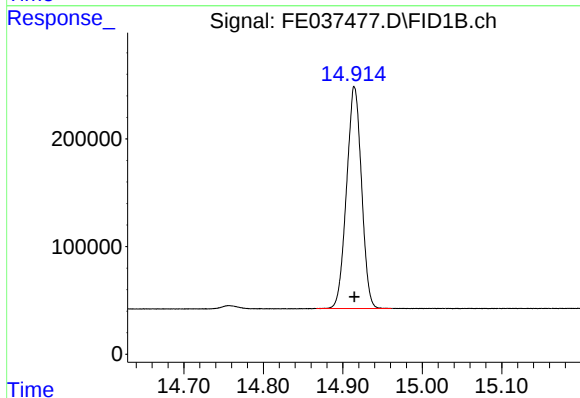
R.T.: 13.068 min  
Delta R.T.: -0.002 min  
Response: 2339761  
Conc: 18.18 ug/ml



#13 n-Docosane (C22)

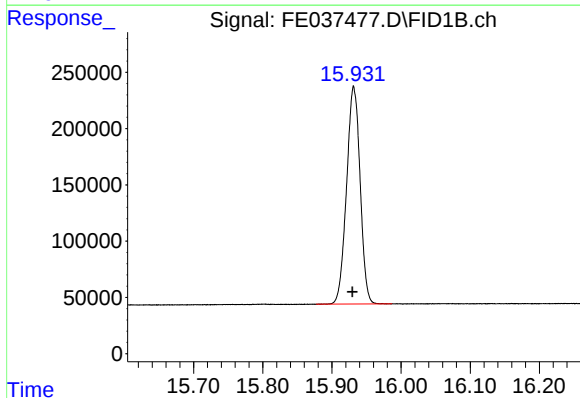
R.T.: 13.817 min  
Delta R.T.: 0.000 min  
Response: 2784596  
Conc: 17.89 ug/ml

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



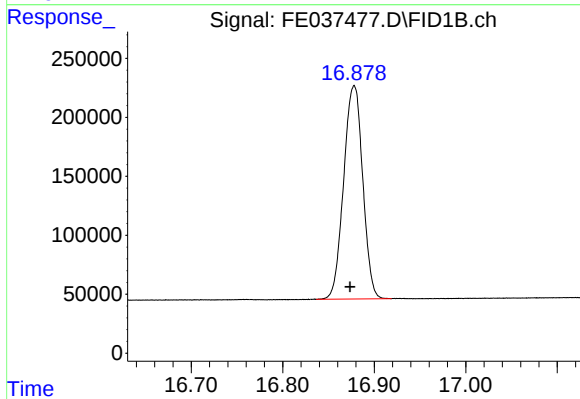
#14 n-Tetracosane (C24)

R.T.: 14.915 min  
Delta R.T.: 0.000 min  
Response: 2697641  
Conc: 17.94 ug/ml



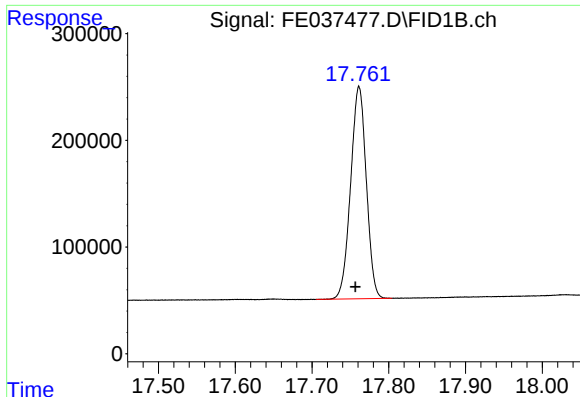
#15 n-Hexacosane (C26)

R.T.: 15.931 min  
Delta R.T.: 0.002 min  
Response: 2633772  
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

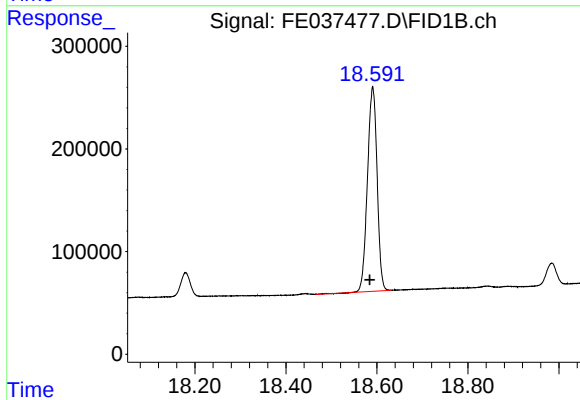
R.T.: 16.878 min  
Delta R.T.: 0.005 min  
Response: 2622593  
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

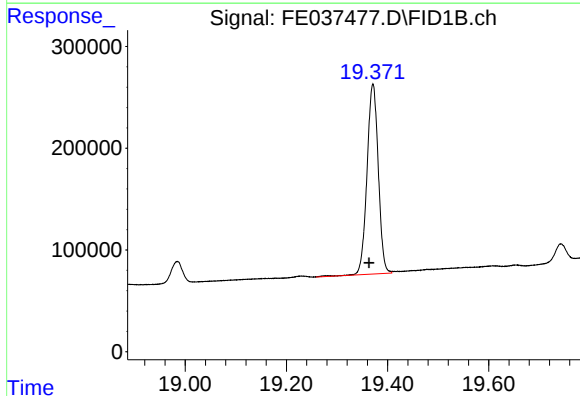
R.T.: 17.761 min  
Delta R.T.: 0.005 min  
Response: 2825220  
Conc: 20.77 ug/ml

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



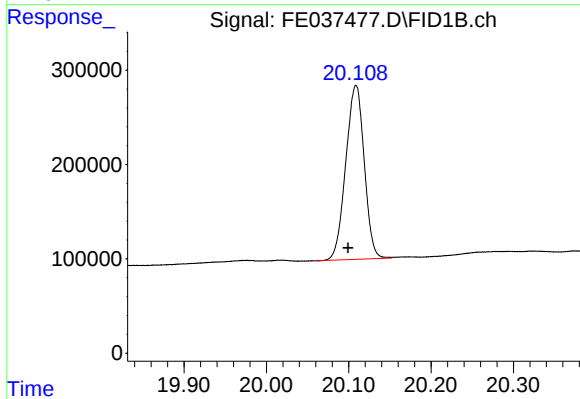
#18 n-Dotriacontane (C32)

R.T.: 18.591 min  
Delta R.T.: 0.007 min  
Response: 2923664  
Conc: 21.89 ug/ml



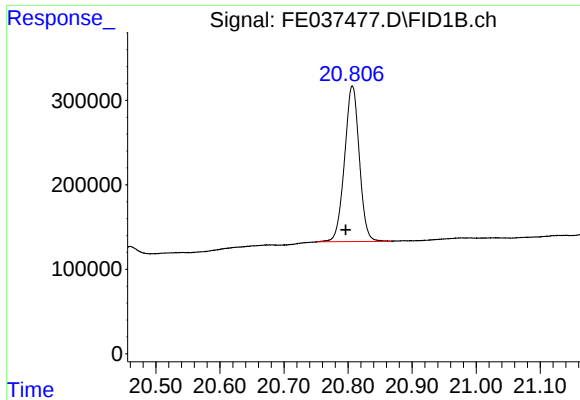
#19 n-Tetratriacontane (C34)

R.T.: 19.371 min  
Delta R.T.: 0.008 min  
Response: 2891373  
Conc: 22.85 ug/ml



#20 n-Hexatriacontane (C36)

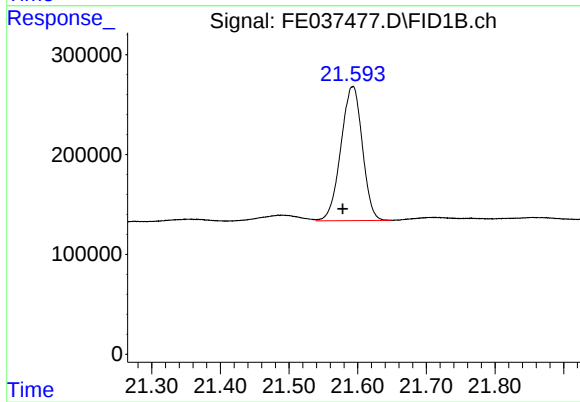
R.T.: 20.109 min  
Delta R.T.: 0.010 min  
Response: 2876763  
Conc: 22.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min  
Delta R.T.: 0.010 min  
Response: 2945559  
Conc: 23.67 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.593 min  
Delta R.T.: 0.015 min  
Response: 2916221  
Conc: 22.62 ug/ml