

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092722AL\  
 Data File : FE037807.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Sep 2022 09:18  
 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 28 01:37:53 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)    | 11.616 | 3293929    | 19.492 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.98%       |
| 12) S 1-chlorooctadecane (S... | 13.040 | 2529222    | 19.652 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.30%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.011  | 3027445    | 19.786 ug/ml |
| 2) T n-Decane (C10)            | 4.269  | 3108612    | 20.163 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.986  | 2967804    | 20.600 ug/ml |
| 4) T n-Dodecane (C12)          | 6.442  | 3176320    | 20.086 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.079  | 2906192    | 20.816 ug/ml |
| 6) T n-Tetradecane (C14)       | 9.860  | 3193020    | 20.151 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.860  | 3193020    | 20.151 ug/ml |
| 8) T n-Octadecane (C18)        | 11.295 | 3176824    | 19.949 ug/ml |
| 10) T n-Eicosane (C20)         | 12.597 | 3106090    | 19.631 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.206 | 3066599    | 19.447 ug/ml |
| 13) T n-Docosane (C22)         | 13.789 | 3019382    | 19.396 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.886 | 2931339    | 19.490 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.901 | 2848054    | 19.668 ug/ml |
| 16) T n-Octacosane (C28)       | 16.846 | 2823374    | 20.380 ug/ml |
| 17) T n-Tricontane (C30)       | 17.728 | 2947304    | 21.666 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.557 | 3013905    | 22.571 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.336 | 2841005    | 22.454 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.071 | 2743050    | 21.328 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.769 | 2599774    | 20.888 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.542 | 2515551    | 19.513 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

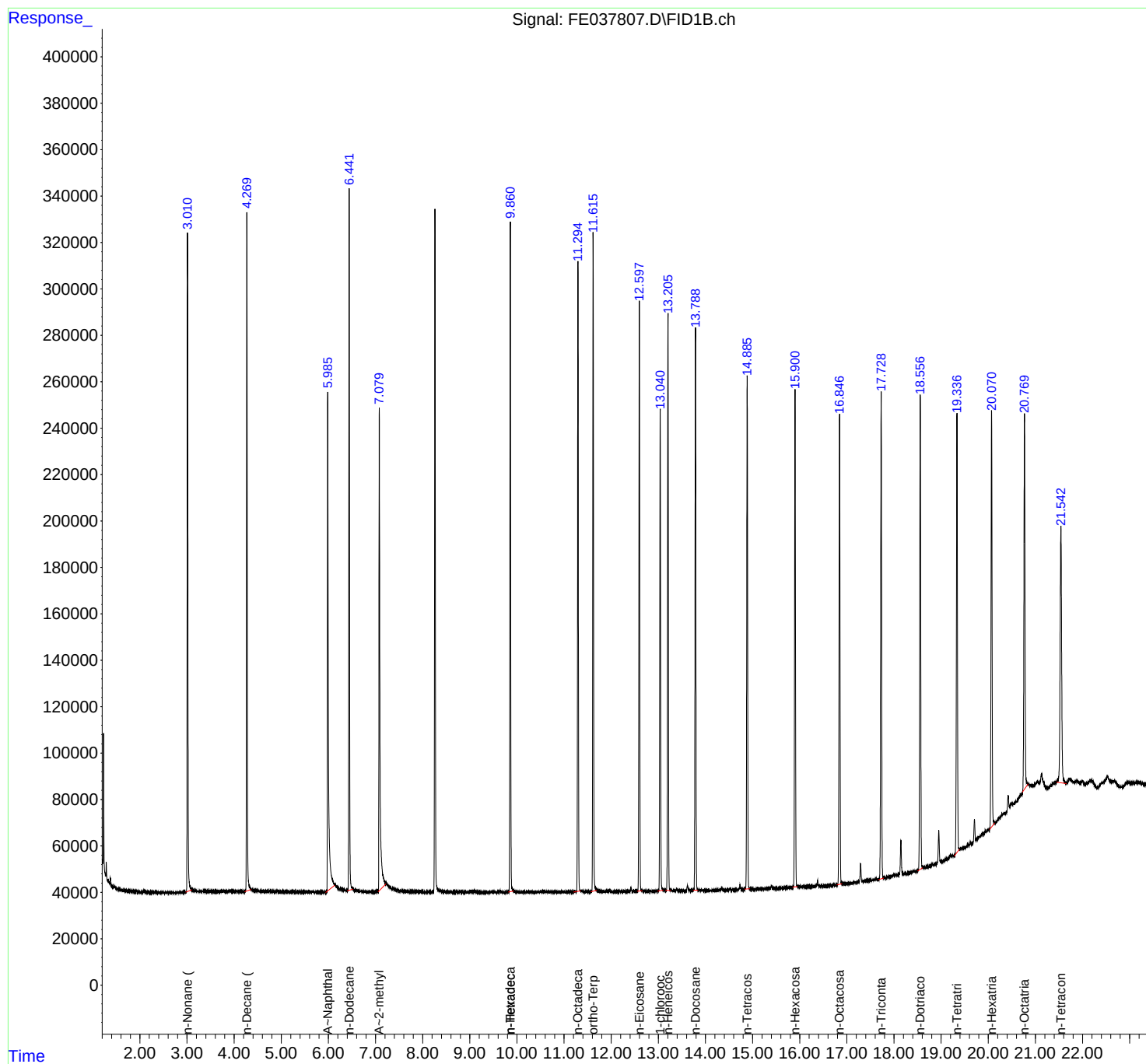
(m)=manual int.

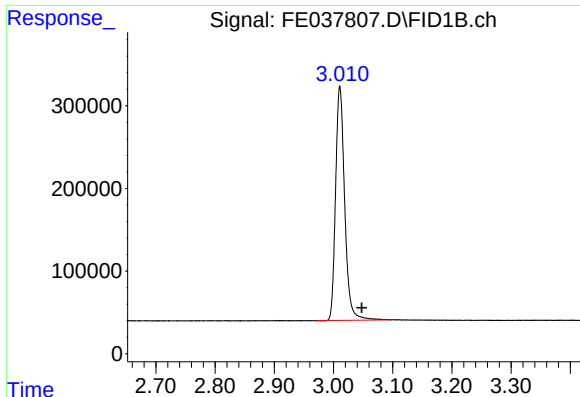
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092722AL\  
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Quant Title : GC Extractables  
QLast Update : Tue Aug 30 06:54:11 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

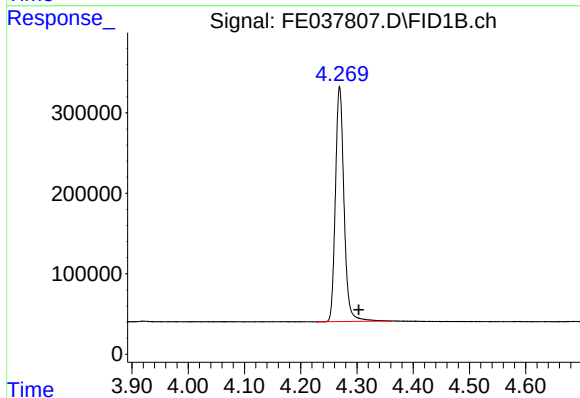




#1 n-Nonane (C9)

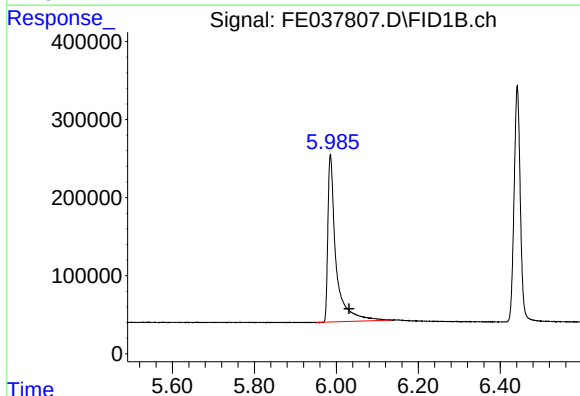
R.T.: 3.011 min  
Delta R.T.: -0.037 min  
Response: 3027445  
Conc: 19.79 ug/ml

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



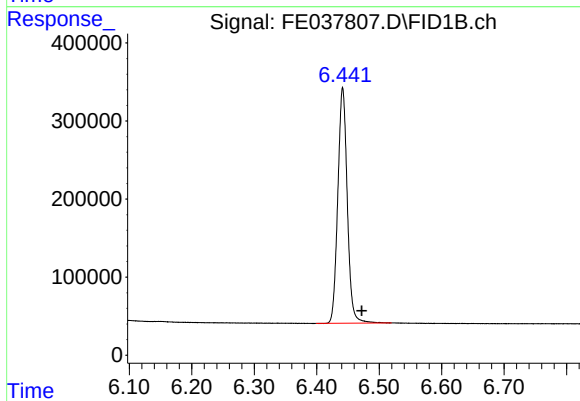
#2 n-Decane (C10)

R.T.: 4.269 min  
Delta R.T.: -0.034 min  
Response: 3108612  
Conc: 20.16 ug/ml



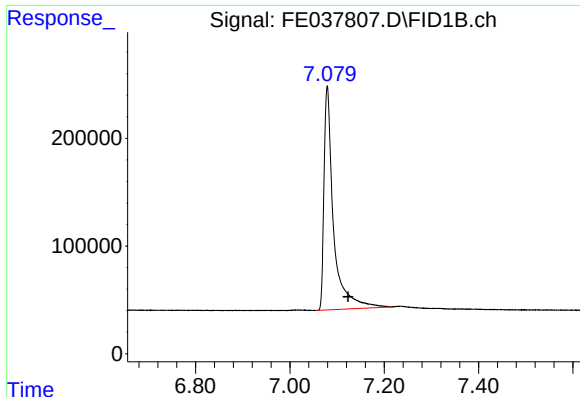
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min  
Delta R.T.: -0.045 min  
Response: 2967804  
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

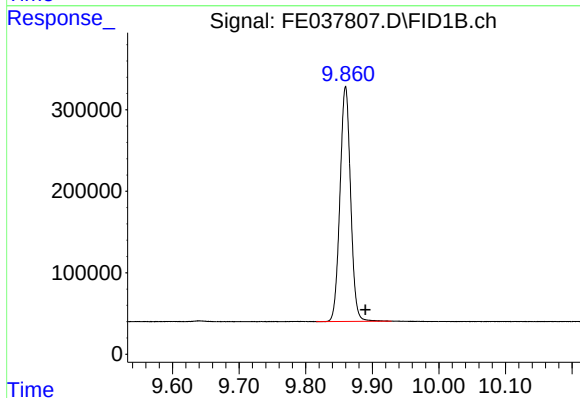
R.T.: 6.442 min  
Delta R.T.: -0.031 min  
Response: 3176320  
Conc: 20.09 ug/ml



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

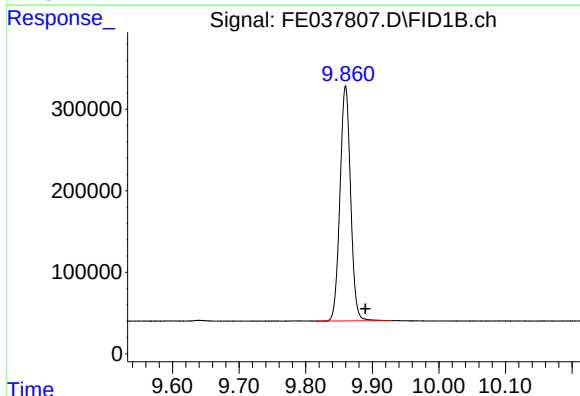
R.T.: 7.079 min  
Delta R.T.: -0.044 min  
Response: 2906192  
Conc: 20.82 ug/ml

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



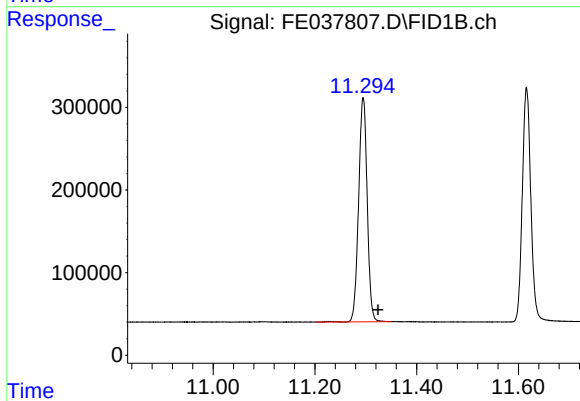
#6 n-Tetradecane (C14)

R.T.: 9.860 min  
Delta R.T.: -0.030 min  
Response: 3193020  
Conc: 20.15 ug/ml



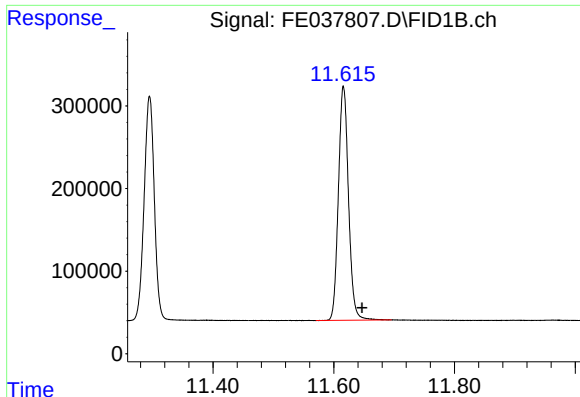
#7 n-Hexadecane (C16)

R.T.: 9.860 min  
Delta R.T.: -0.030 min  
Response: 3193020  
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

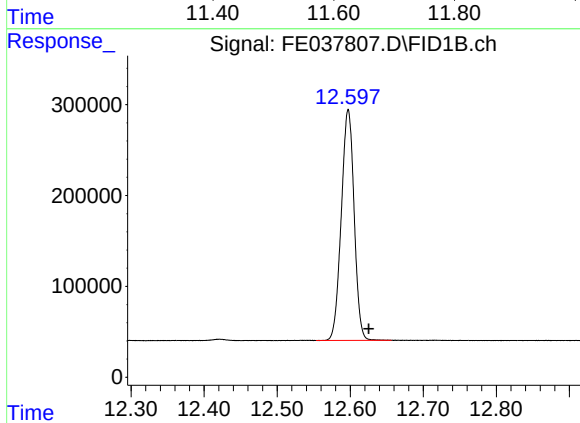
R.T.: 11.295 min  
Delta R.T.: -0.029 min  
Response: 3176824  
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

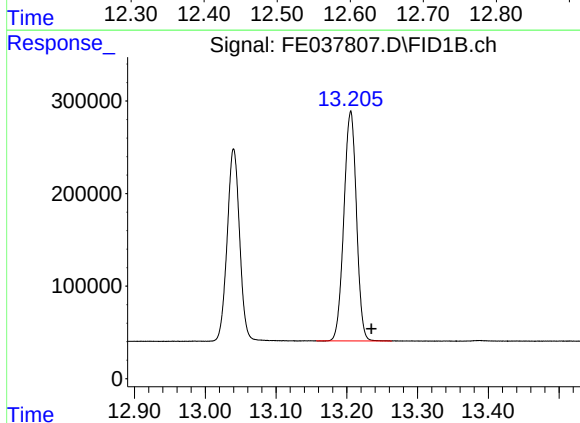
R.T.: 11.616 min  
Delta R.T.: -0.031 min  
Response: 3293929  
Conc: 19.49 ug/ml

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



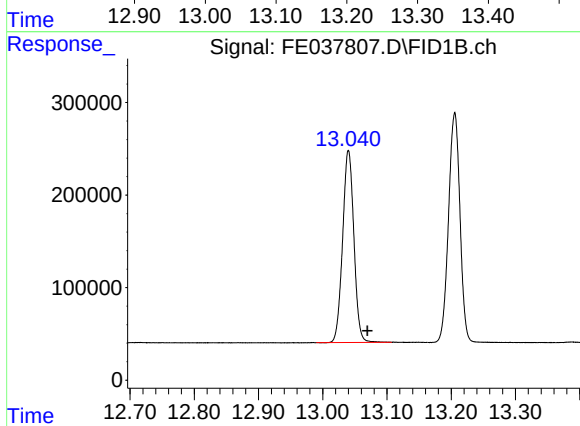
#10 n-Eicosane (C20)

R.T.: 12.597 min  
Delta R.T.: -0.028 min  
Response: 3106090  
Conc: 19.63 ug/ml



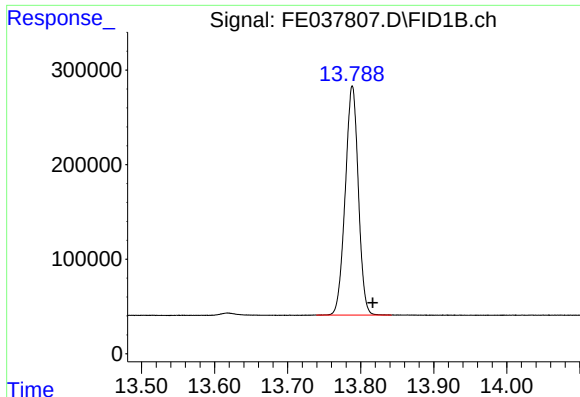
#11 n-Heneicosane (C21)

R.T.: 13.206 min  
Delta R.T.: -0.029 min  
Response: 3066599  
Conc: 19.45 ug/ml



#12 1-chlorooctadecane (SURR)

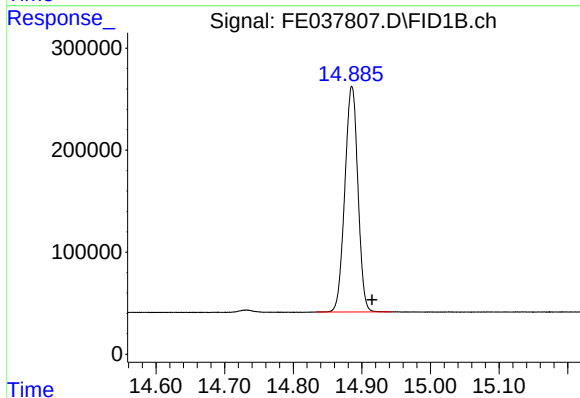
R.T.: 13.040 min  
Delta R.T.: -0.030 min  
Response: 2529222  
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

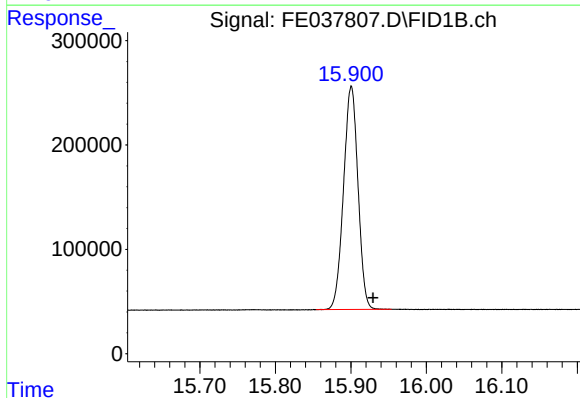
R.T.: 13.789 min  
Delta R.T.: -0.028 min  
Response: 3019382  
Conc: 19.40 ug/ml

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



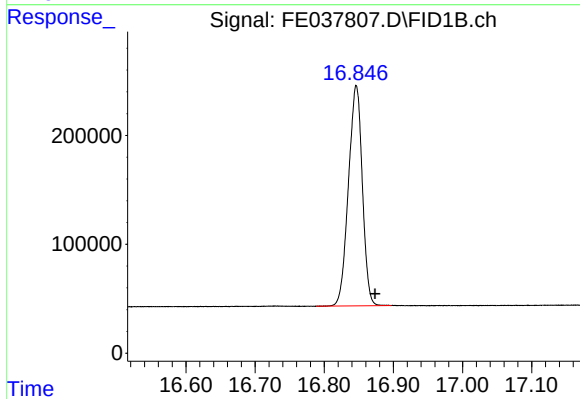
#14 n-Tetracosane (C24)

R.T.: 14.886 min  
Delta R.T.: -0.029 min  
Response: 2931339  
Conc: 19.49 ug/ml



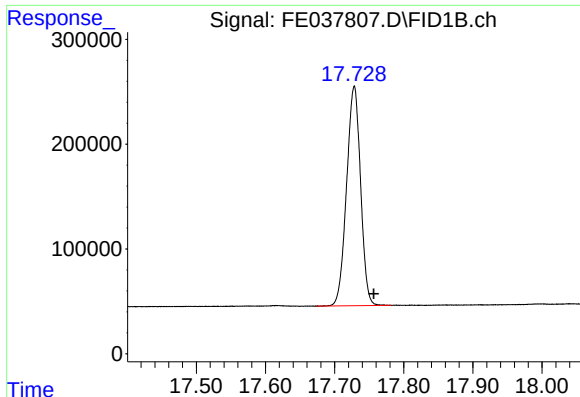
#15 n-Hexacosane (C26)

R.T.: 15.901 min  
Delta R.T.: -0.029 min  
Response: 2848054  
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

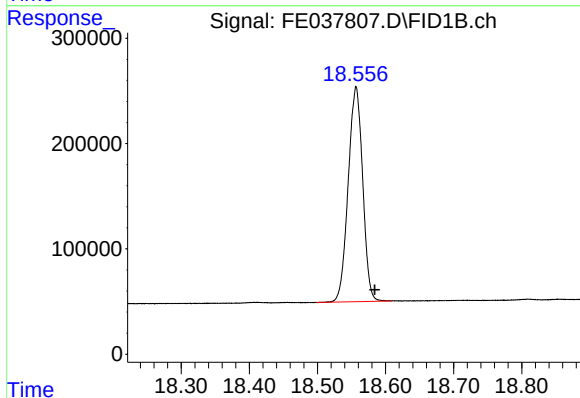
R.T.: 16.846 min  
Delta R.T.: -0.027 min  
Response: 2823374  
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

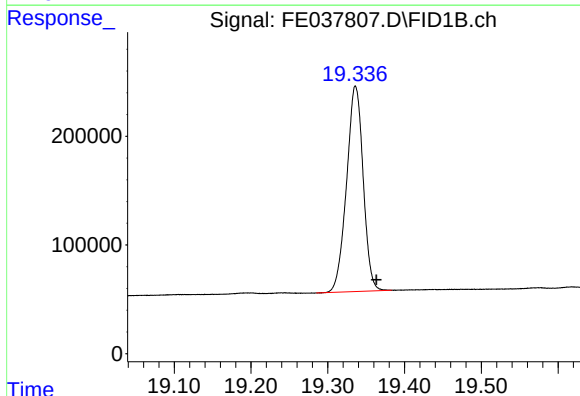
R.T.: 17.728 min  
Delta R.T.: -0.028 min  
Response: 2947304  
Conc: 21.67 ug/ml

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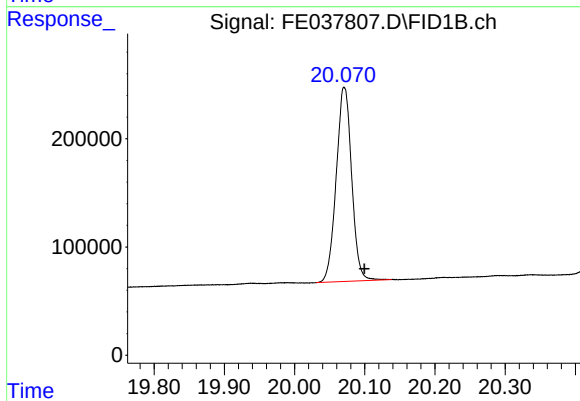
#18 n-Dotriacontane (C32)

R.T.: 18.557 min  
Delta R.T.: -0.027 min  
Response: 3013905  
Conc: 22.57 ug/ml



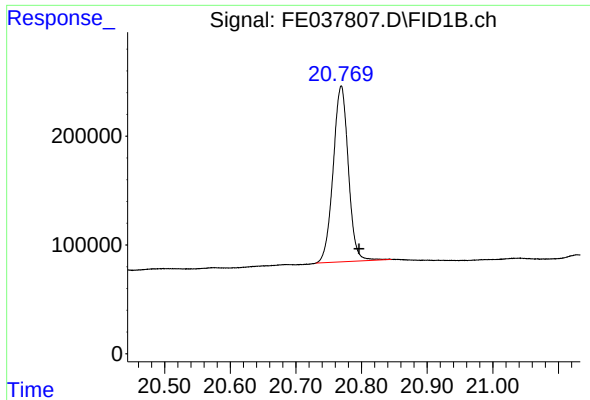
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min  
Delta R.T.: -0.027 min  
Response: 2841005  
Conc: 22.45 ug/ml



#20 n-Hexatriacontane (C36)

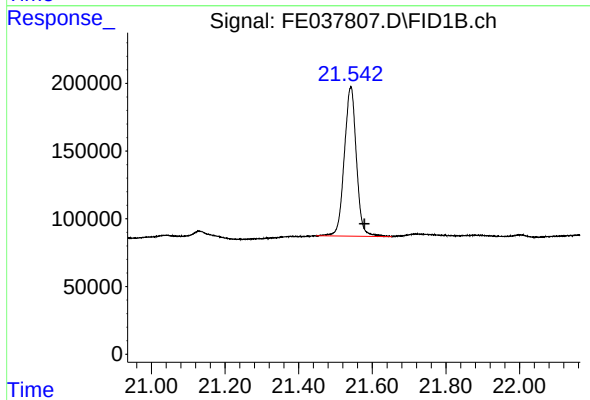
R.T.: 20.071 min  
Delta R.T.: -0.029 min  
Response: 2743050  
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.769 min  
Delta R.T.: -0.027 min  
Response: 2599774  
Conc: 20.89 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.542 min  
Delta R.T.: -0.036 min  
Response: 2515551  
Conc: 19.51 ug/ml