

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052225AL\  
 Data File : FE053967.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 May 2025 09:09  
 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: May 23 01:27:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 14 12:15:41 2025  
 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)    | 11.843 | 3049464    | 18.765 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.53%       |
| 12) S 1-chlorooctadecane (S... | 13.289 | 2240677    | 18.901 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.80%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.194  | 2454767    | 18.163 ug/ml |
| 2) T n-Decane (C10)            | 4.455  | 2479295    | 18.347 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.168  | 2644410    | 18.400 ug/ml |
| 4) T n-Dodecane (C12)          | 6.635  | 2517006    | 18.452 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.270  | 2623304    | 18.912 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.471  | 2505475    | 18.566 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.083 | 2533525    | 18.776 ug/ml |
| 8) T n-Octadecane (C18)        | 11.530 | 2522475    | 18.732 ug/ml |
| 10) T n-Eicosane (C20)         | 12.843 | 2476530    | 18.843 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.457 | 2446826    | 18.873 ug/ml |
| 13) T n-Docosane (C22)         | 14.045 | 2433447    | 19.074 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.149 | 2402362    | 19.201 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.172 | 2360707    | 19.279 ug/ml |
| 16) T n-Octacosane (C28)       | 17.124 | 2359773    | 19.412 ug/ml |
| 17) T n-Tricontane (C30)       | 18.014 | 2458721    | 19.739 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.848 | 2485851    | 19.878 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.633 | 2361659    | 19.826 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.375 | 2321023    | 20.046 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.105 | 2174507    | 19.982 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.999 | 2095527    | 21.118 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

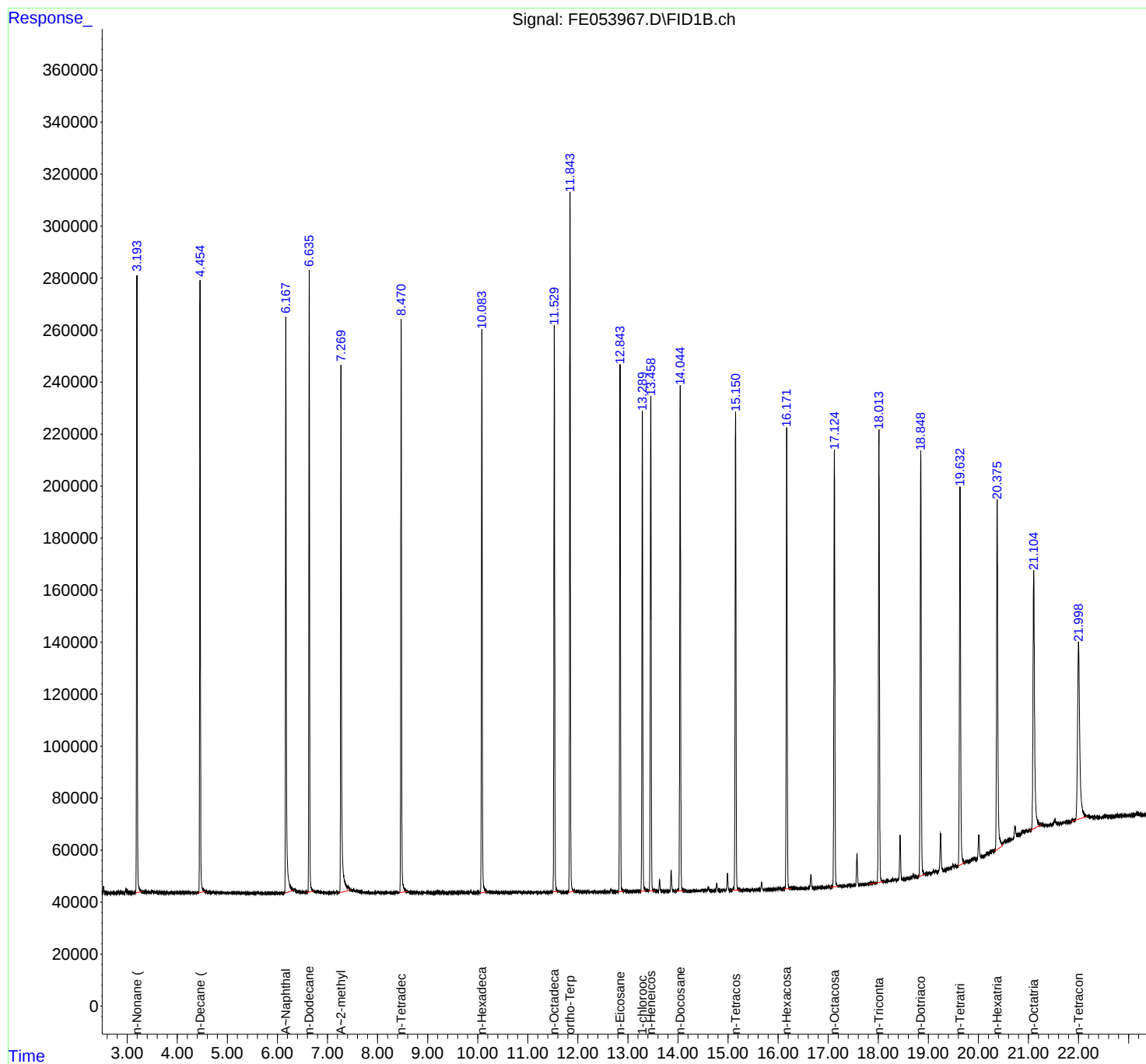
(m)=manual int.

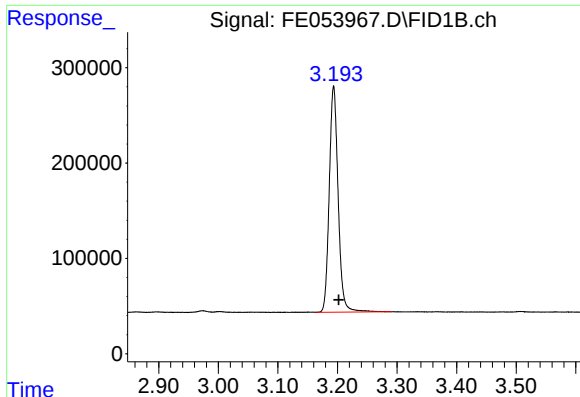
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052225AL\  
Data File : FE053967.D  
Signal(s) : FID1B.ch  
Acq On : 22 May 2025 09:09  
Operator : YP\AJ  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Time: May 23 01:27:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M  
Quant Title : GC Extractables  
QLast Update : Wed May 14 12:15:41 2025  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

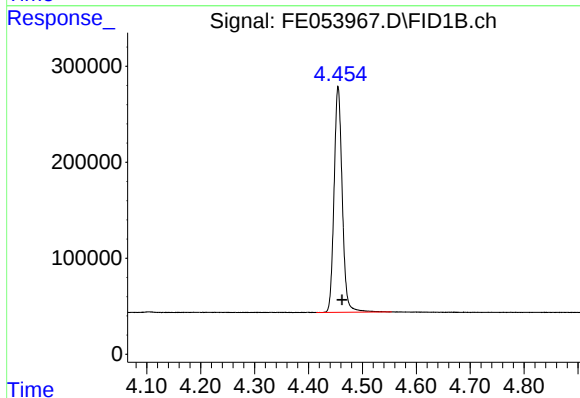




#1 n-Nonane (C9)

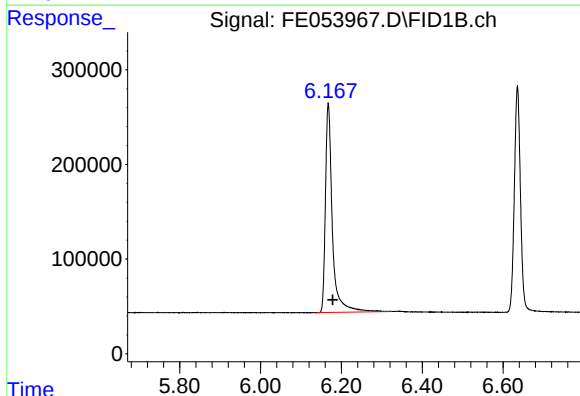
R.T.: 3.194 min  
Delta R.T.: -0.008 min  
Response: 2454767  
Conc: 18.16 ug/ml

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



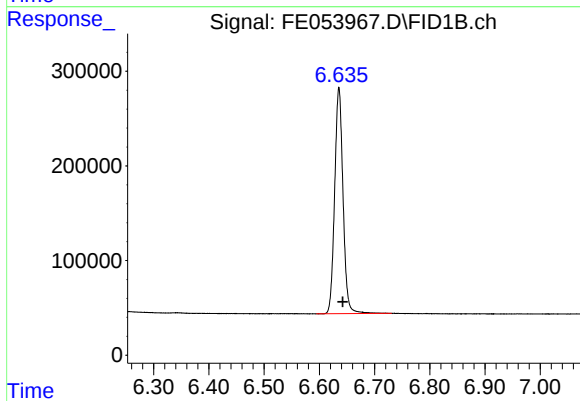
#2 n-Decane (C10)

R.T.: 4.455 min  
Delta R.T.: -0.007 min  
Response: 2479295  
Conc: 18.35 ug/ml



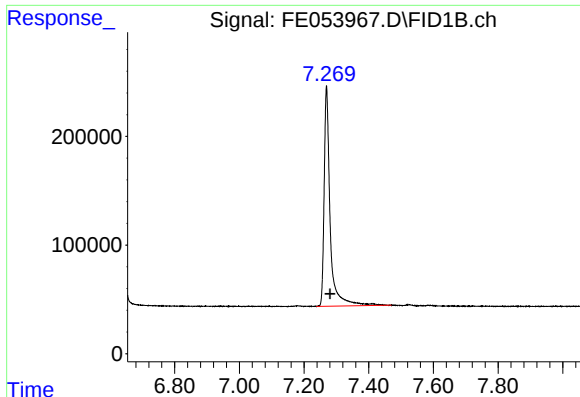
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min  
Delta R.T.: -0.010 min  
Response: 2644410  
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

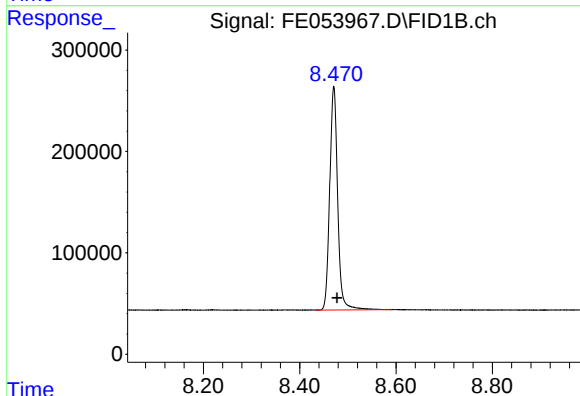
R.T.: 6.635 min  
Delta R.T.: -0.007 min  
Response: 2517006  
Conc: 18.45 ug/ml



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

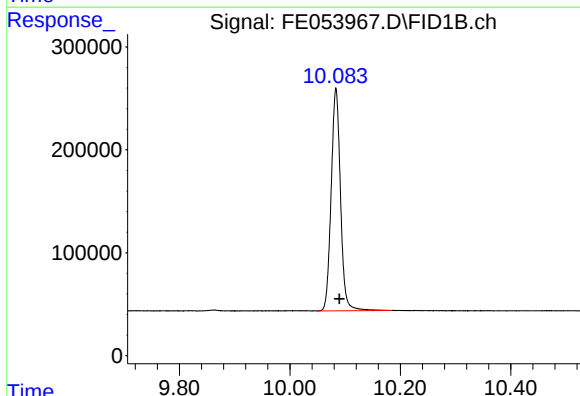
R.T.: 7.270 min  
Delta R.T.: -0.010 min  
Response: 2623304  
Conc: 18.91 ug/ml

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



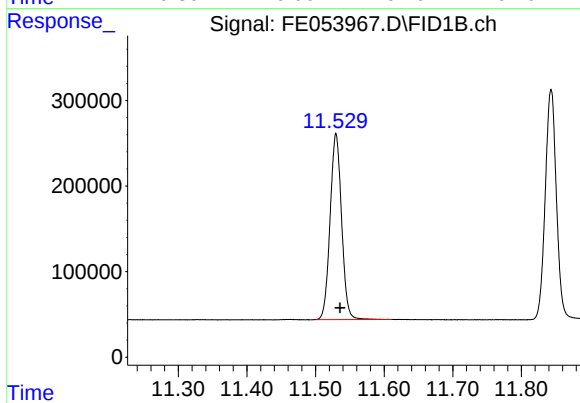
#6 n-Tetradecane (C14)

R.T.: 8.471 min  
Delta R.T.: -0.007 min  
Response: 2505475  
Conc: 18.57 ug/ml



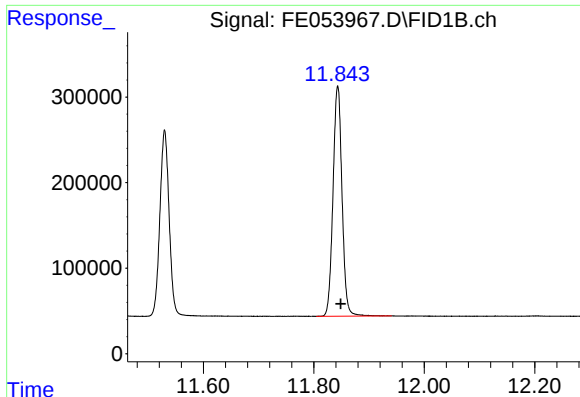
#7 n-Hexadecane (C16)

R.T.: 10.083 min  
Delta R.T.: -0.006 min  
Response: 2533525  
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

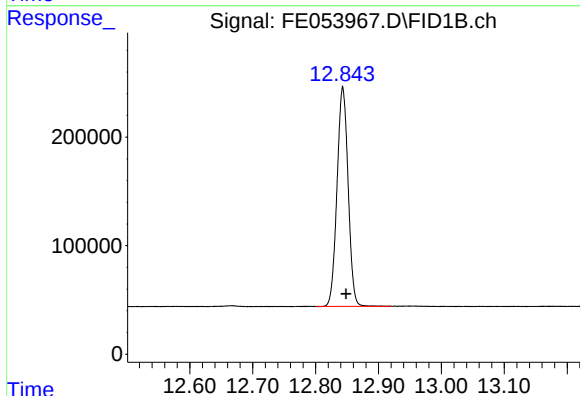
R.T.: 11.530 min  
Delta R.T.: -0.006 min  
Response: 2522475  
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

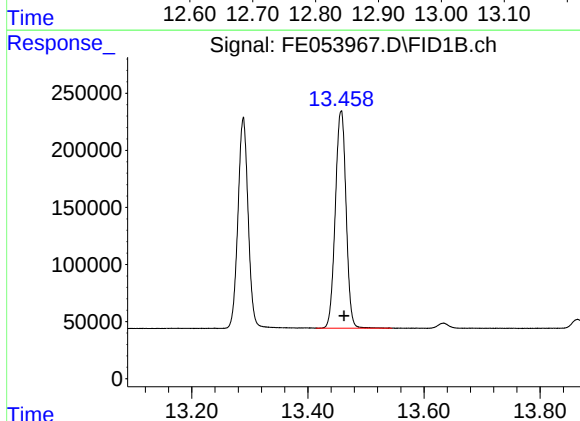
R.T.: 11.843 min  
Delta R.T.: -0.005 min  
Response: 3049464  
Conc: 18.76 ug/ml

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



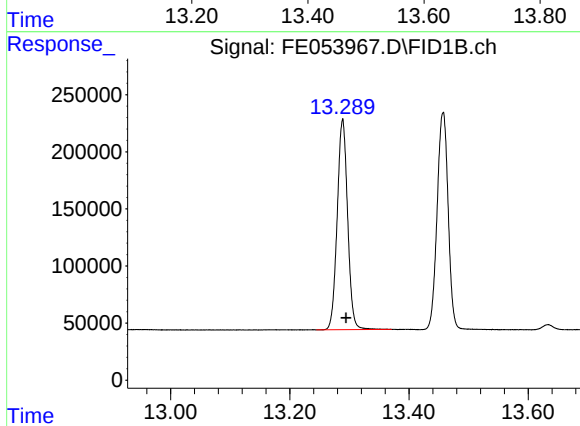
#10 n-Eicosane (C20)

R.T.: 12.843 min  
Delta R.T.: -0.005 min  
Response: 2476530  
Conc: 18.84 ug/ml



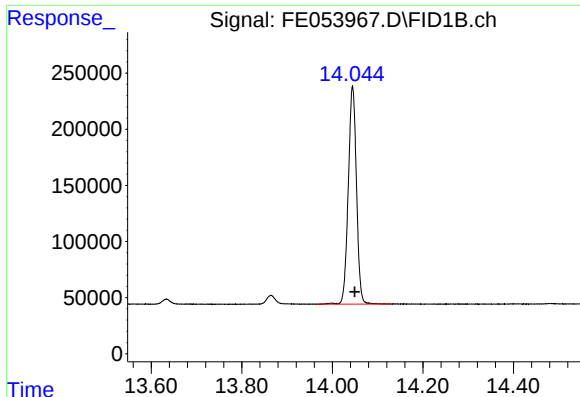
#11 n-Heneicosane (C21)

R.T.: 13.457 min  
Delta R.T.: -0.005 min  
Response: 2446826  
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

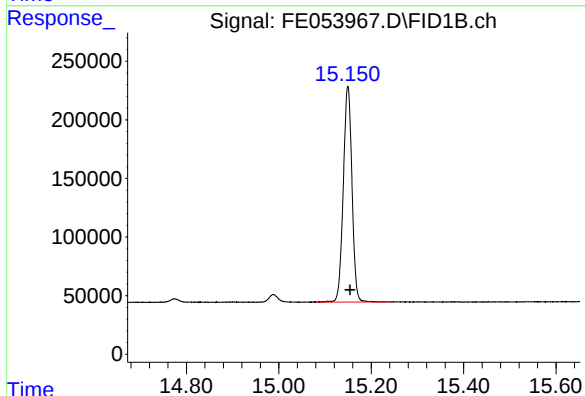
R.T.: 13.289 min  
Delta R.T.: -0.006 min  
Response: 2240677  
Conc: 18.90 ug/ml



#13 n-Docosane (C22)

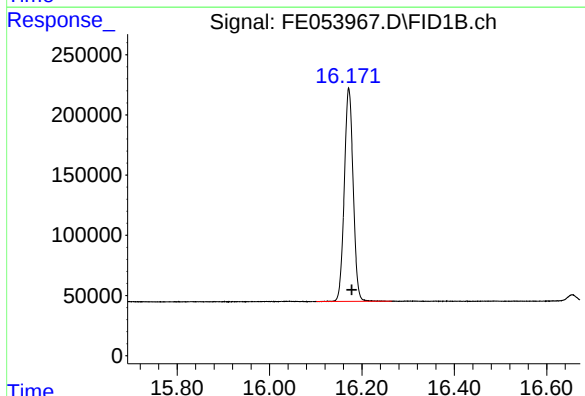
R.T.: 14.045 min  
Delta R.T.: -0.005 min  
Response: 2433447  
Conc: 19.07 ug/ml

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



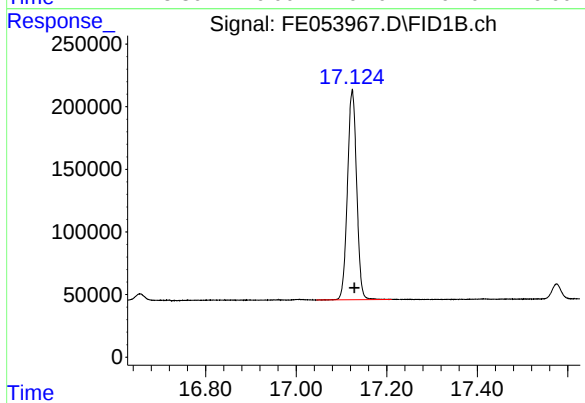
#14 n-Tetracosane (C24)

R.T.: 15.149 min  
Delta R.T.: -0.005 min  
Response: 2402362  
Conc: 19.20 ug/ml



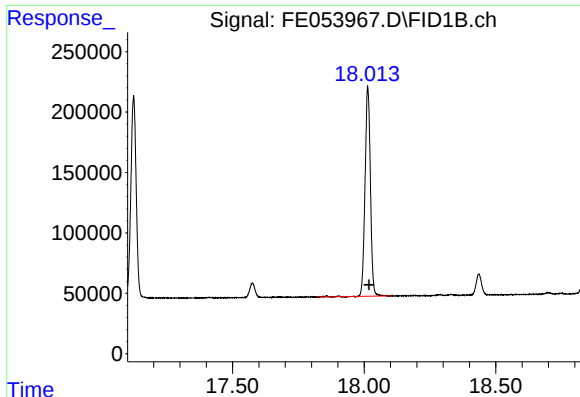
#15 n-Hexacosane (C26)

R.T.: 16.172 min  
Delta R.T.: -0.006 min  
Response: 2360707  
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

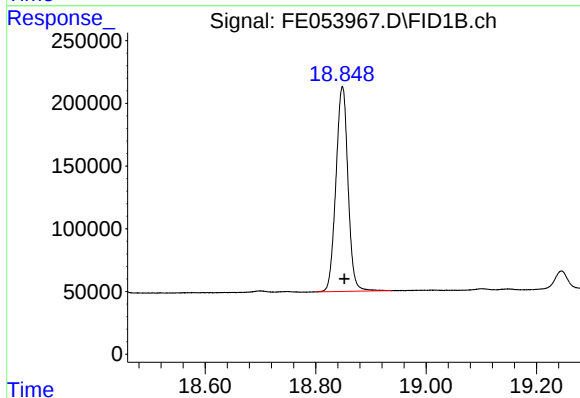
R.T.: 17.124 min  
Delta R.T.: -0.005 min  
Response: 2359773  
Conc: 19.41 ug/ml



#17 n-Tricontane (C30)

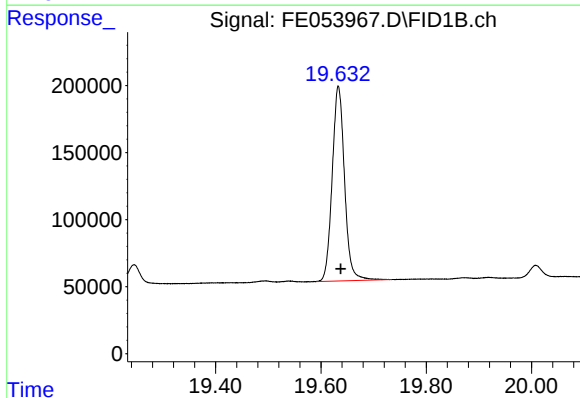
R.T.: 18.014 min  
Delta R.T.: -0.004 min  
Response: 2458721  
Conc: 19.74 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



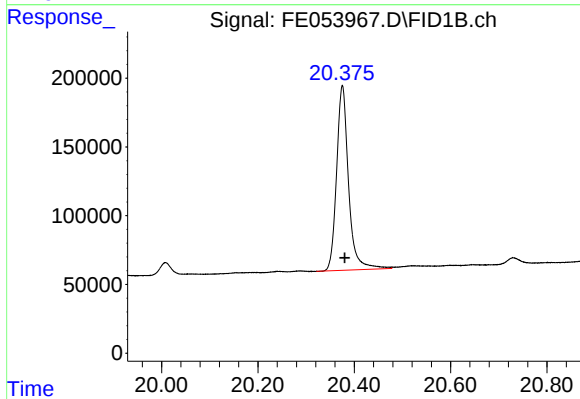
#18 n-Dotriacontane (C32)

R.T.: 18.848 min  
Delta R.T.: -0.004 min  
Response: 2485851  
Conc: 19.88 ug/ml



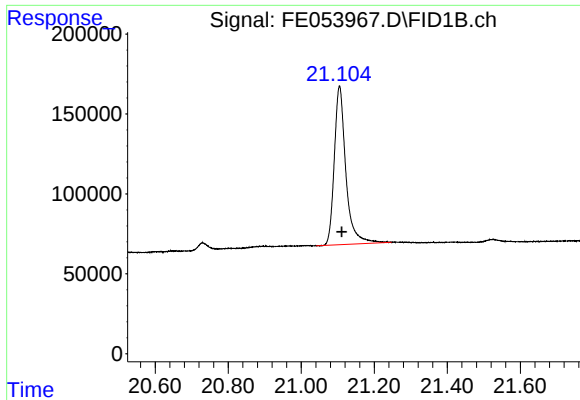
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min  
Delta R.T.: -0.005 min  
Response: 2361659  
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

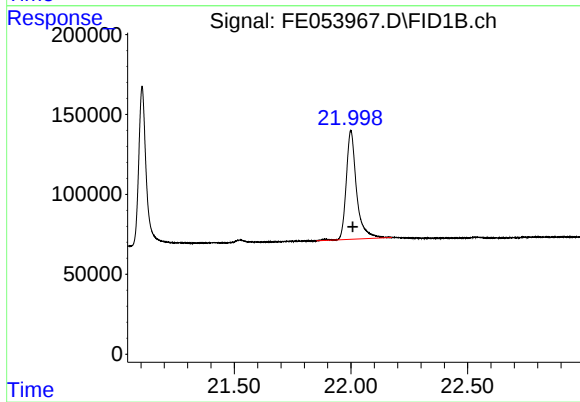
R.T.: 20.375 min  
Delta R.T.: -0.005 min  
Response: 2321023  
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min  
Delta R.T.: -0.006 min  
Response: 2174507  
Conc: 19.98 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.999 min  
Delta R.T.: -0.007 min  
Response: 2095527  
Conc: 21.12 ug/ml