

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082725AL\  
 Data File : FE055530.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Aug 2025 08:21  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 27 11:17:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 13:47:09 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)    | 12.078 | 2739210    | 19.182 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.36%       |
| 12) S 1-chlorooctadecane (S... | 13.515 | 2099397    | 19.525 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.05%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.415  | 2036210    | 17.742 ug/ml |
| 2) T n-Decane (C10)            | 4.673  | 2109792    | 18.110 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.393  | 2394998    | 17.842 ug/ml |
| 4) T n-Dodecane (C12)          | 6.849  | 2158723    | 18.128 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.494  | 2342289    | 17.965 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.686  | 2181505    | 17.792 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.302 | 2312180    | 18.086 ug/ml |
| 8) T n-Octadecane (C18)        | 11.751 | 2447847    | 18.761 ug/ml |
| 10) T n-Eicosane (C20)         | 13.066 | 2411813    | 19.222 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.680 | 2389897    | 19.388 ug/ml |
| 13) T n-Docosane (C22)         | 14.269 | 2412872    | 19.758 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.375 | 2453030    | 20.167 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.401 | 2412291    | 20.162 ug/ml |
| 16) T n-Octacosane (C28)       | 17.353 | 2443056    | 20.595 ug/ml |
| 17) T n-Tricontane (C30)       | 18.243 | 2636649    | 21.428 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.076 | 2732068    | 22.392 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.862 | 2596845    | 22.211 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.604 | 2335517    | 21.368 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.382 | 2249515    | 20.815 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.372 | 2114804    | 20.223 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

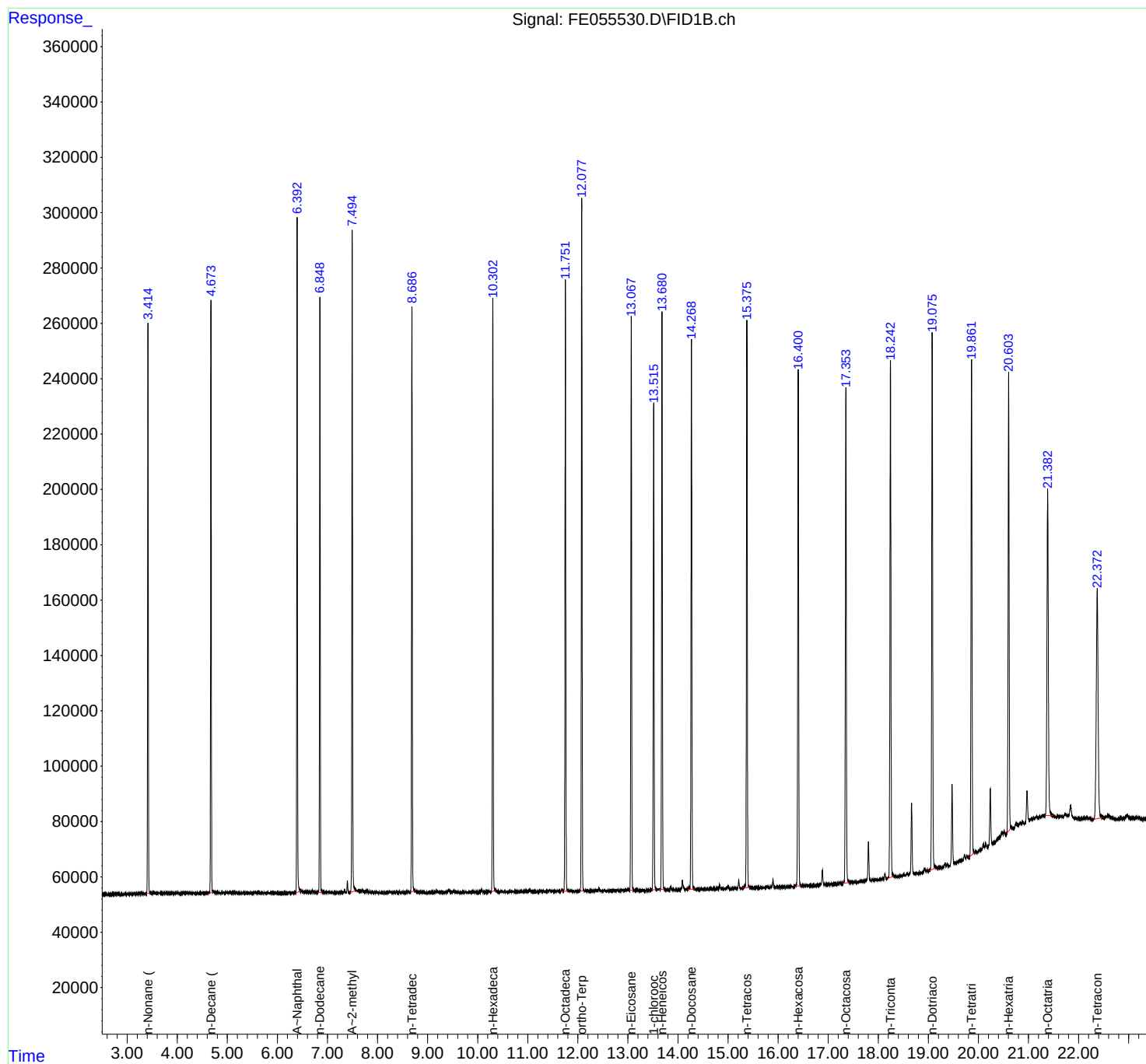
(m)=manual int.

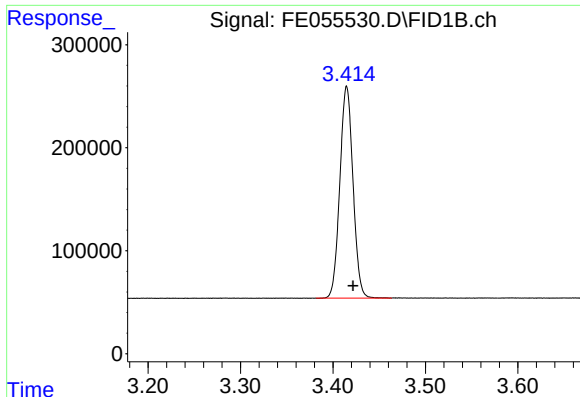
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082725AL\  
Data File : FE055530.D  
Signal(s) : FID1B.ch  
Acq On : 27 Aug 2025 08:21  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

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Quant Time: Aug 27 11:17:51 2025  
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Quant Title : GC Extractables  
QLast Update : Fri Aug 01 13:47:09 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

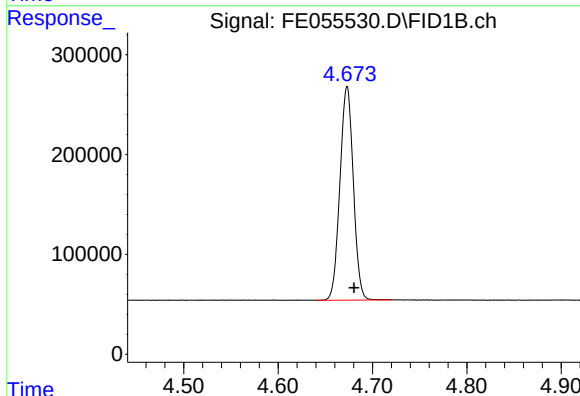




#1 n-Nonane (C9)

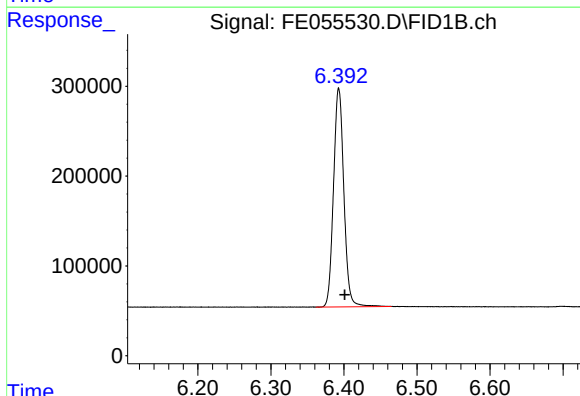
R.T.: 3.415 min  
Delta R.T.: -0.007 min  
Response: 2036210  
Conc: 17.74 ug/ml

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



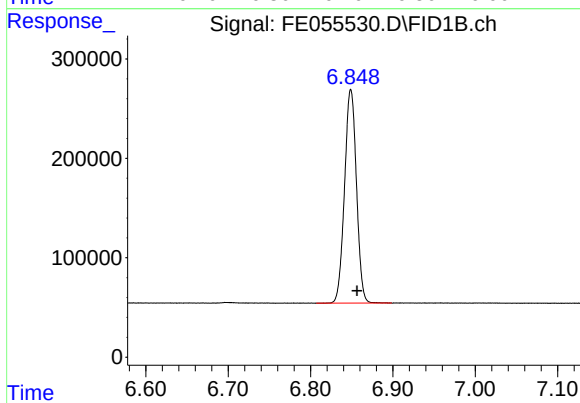
#2 n-Decane (C10)

R.T.: 4.673 min  
Delta R.T.: -0.008 min  
Response: 2109792  
Conc: 18.11 ug/ml



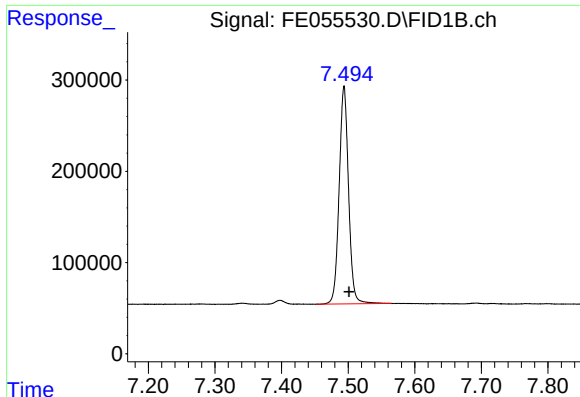
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min  
Delta R.T.: -0.008 min  
Response: 2394998  
Conc: 17.84 ug/ml



#4 n-Dodecane (C12)

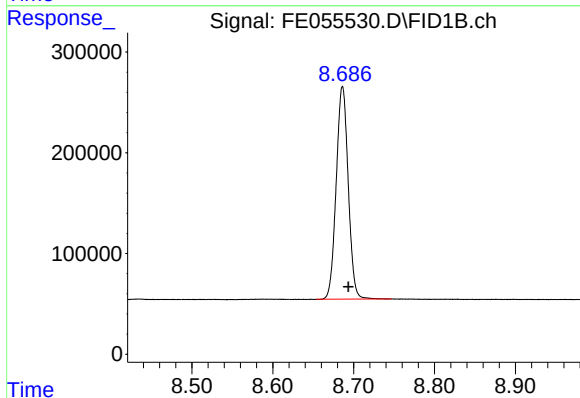
R.T.: 6.849 min  
Delta R.T.: -0.007 min  
Response: 2158723  
Conc: 18.13 ug/ml



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

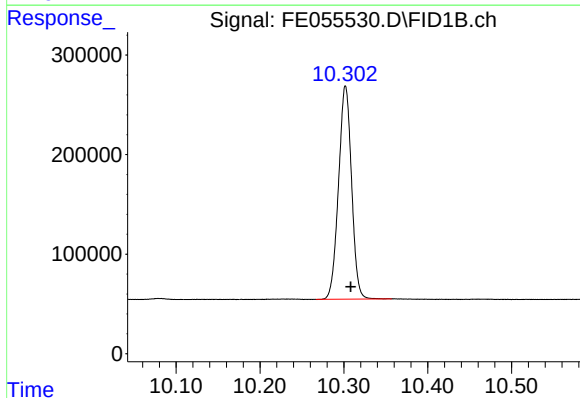
R.T.: 7.494 min  
Delta R.T.: -0.008 min  
Response: 2342289  
Conc: 17.96 ug/ml

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



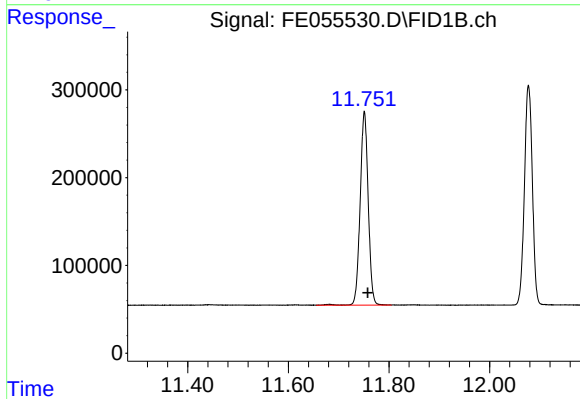
#6 n-Tetradecane (C14)

R.T.: 8.686 min  
Delta R.T.: -0.007 min  
Response: 2181505  
Conc: 17.79 ug/ml



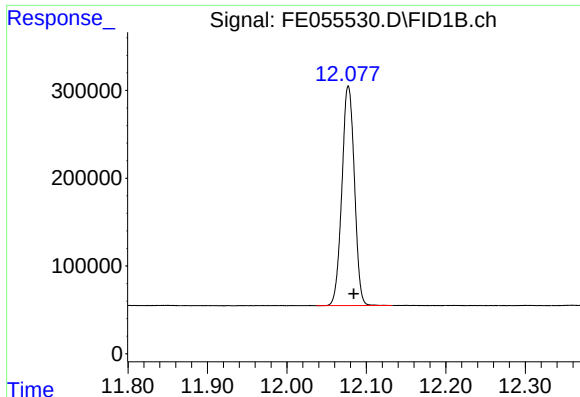
#7 n-Hexadecane (C16)

R.T.: 10.302 min  
Delta R.T.: -0.006 min  
Response: 2312180  
Conc: 18.09 ug/ml



#8 n-Octadecane (C18)

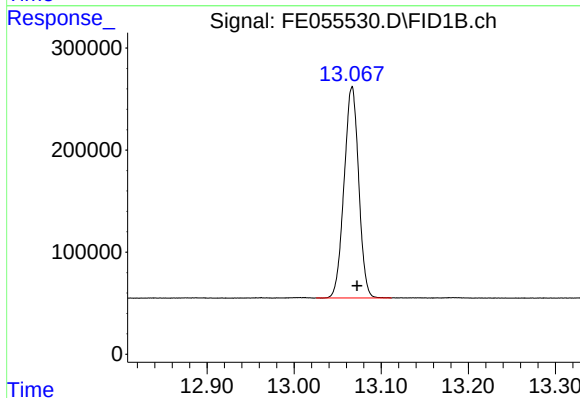
R.T.: 11.751 min  
Delta R.T.: -0.007 min  
Response: 2447847  
Conc: 18.76 ug/ml



#9 ortho-Terphenyl (SURR)

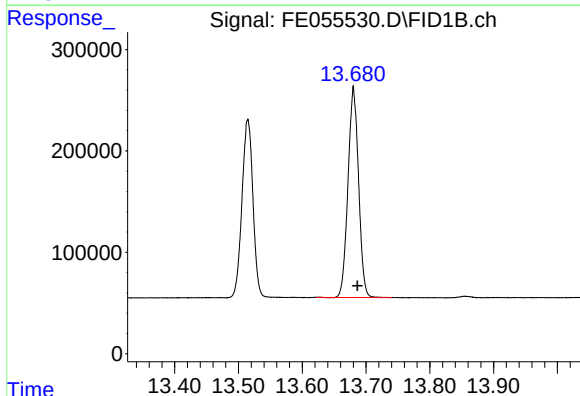
R.T.: 12.078 min  
Delta R.T.: -0.007 min  
Response: 2739210  
Conc: 19.18 ug/ml

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



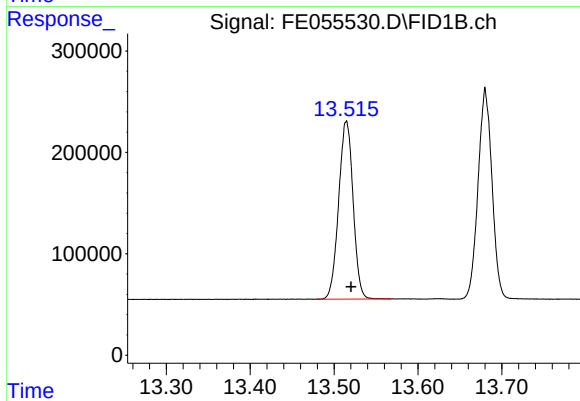
#10 n-Eicosane (C20)

R.T.: 13.066 min  
Delta R.T.: -0.006 min  
Response: 2411813  
Conc: 19.22 ug/ml



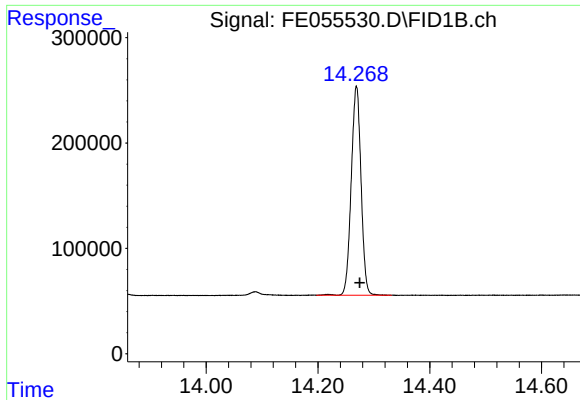
#11 n-Heneicosane (C21)

R.T.: 13.680 min  
Delta R.T.: -0.006 min  
Response: 2389897  
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

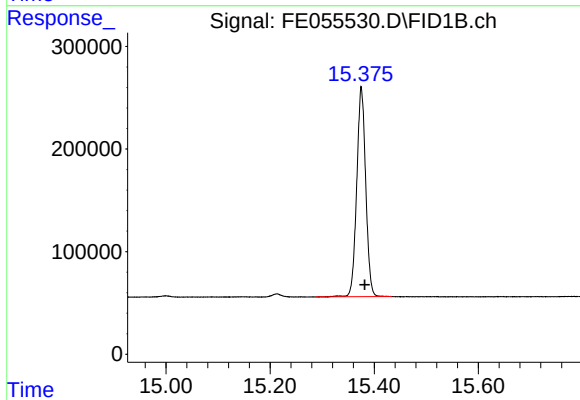
R.T.: 13.515 min  
Delta R.T.: -0.006 min  
Response: 2099397  
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

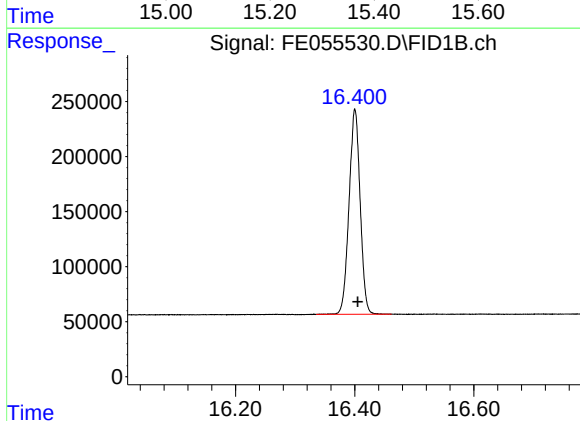
R.T.: 14.269 min  
Delta R.T.: -0.006 min  
Response: 2412872  
Conc: 19.76 ug/ml

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



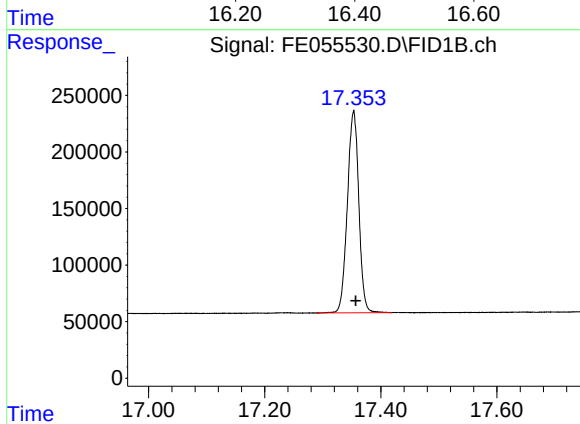
#14 n-Tetracosane (C24)

R.T.: 15.375 min  
Delta R.T.: -0.006 min  
Response: 2453030  
Conc: 20.17 ug/ml



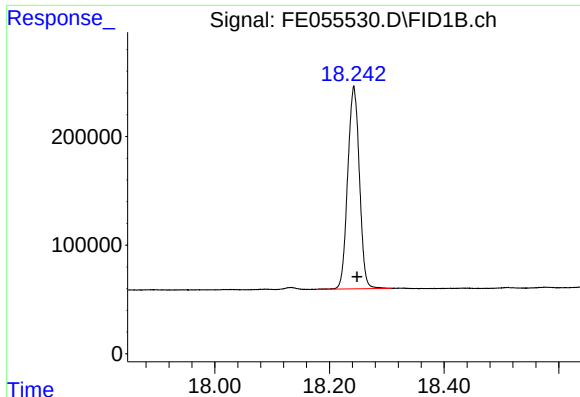
#15 n-Hexacosane (C26)

R.T.: 16.401 min  
Delta R.T.: -0.005 min  
Response: 2412291  
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

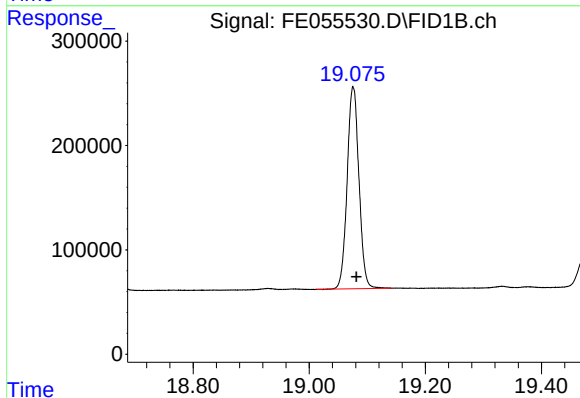
R.T.: 17.353 min  
Delta R.T.: -0.004 min  
Response: 2443056  
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

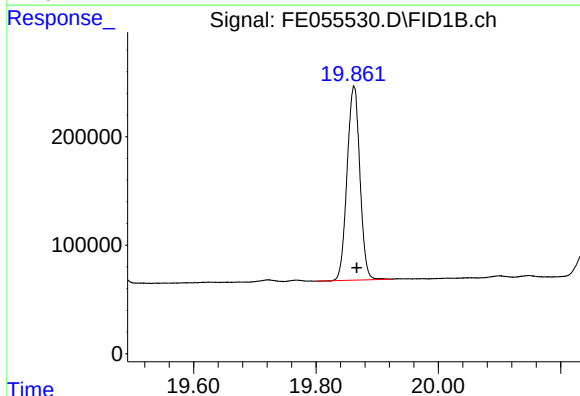
R.T.: 18.243 min  
Delta R.T.: -0.005 min  
Response: 2636649  
Conc: 21.43 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



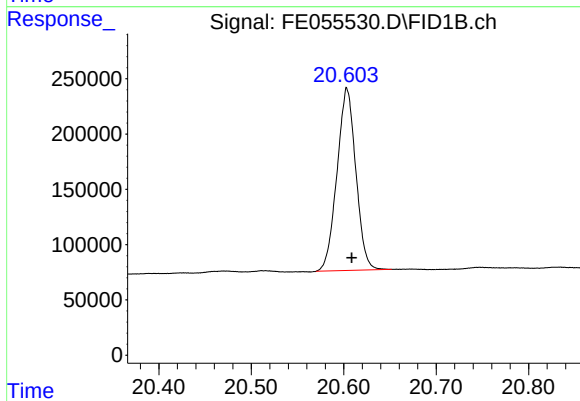
#18 n-Dotriacontane (C32)

R.T.: 19.076 min  
Delta R.T.: -0.006 min  
Response: 2732068  
Conc: 22.39 ug/ml



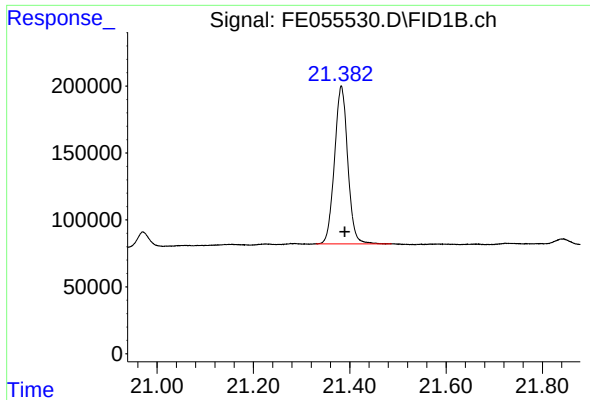
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min  
Delta R.T.: -0.005 min  
Response: 2596845  
Conc: 22.21 ug/ml



#20 n-Hexatriacontane (C36)

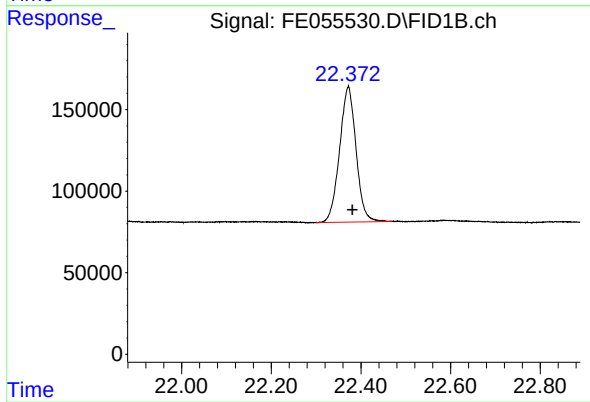
R.T.: 20.604 min  
Delta R.T.: -0.005 min  
Response: 2335517  
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min  
Delta R.T.: -0.007 min  
Response: 2249515  
Conc: 20.82 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.372 min  
Delta R.T.: -0.009 min  
Response: 2114804  
Conc: 20.22 ug/ml