

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080125AL\  
 Data File : FE055109.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Aug 2025 14:55  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 01 16:05:35 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)    | 12.085 | 2865358    | 20.065 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.13%       |
| 12) S 1-chlorooctadecane (S... | 13.522 | 2160035    | 20.089 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.18%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.422  | 2295496    | 20.001 ug/ml |
| 2) T n-Decane (C10)            | 4.681  | 2335659    | 20.049 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.400  | 2689720    | 20.038 ug/ml |
| 4) T n-Dodecane (C12)          | 6.857  | 2383948    | 20.019 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.502  | 2622337    | 20.113 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.694  | 2443135    | 19.926 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.309 | 2559138    | 20.018 ug/ml |
| 8) T n-Octadecane (C18)        | 11.759 | 2611774    | 20.017 ug/ml |
| 10) T n-Eicosane (C20)         | 13.074 | 2517987    | 20.068 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.687 | 2473230    | 20.064 ug/ml |
| 13) T n-Docosane (C22)         | 14.276 | 2454702    | 20.101 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.382 | 2437631    | 20.041 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.406 | 2398240    | 20.045 ug/ml |
| 16) T n-Octacosane (C28)       | 17.358 | 2372515    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 18.247 | 2443769    | 19.860 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.082 | 2404937    | 19.711 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.868 | 2310031    | 19.757 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.608 | 2159409    | 19.757 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.390 | 2109255    | 19.517 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.380 | 2093718    | 20.021 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

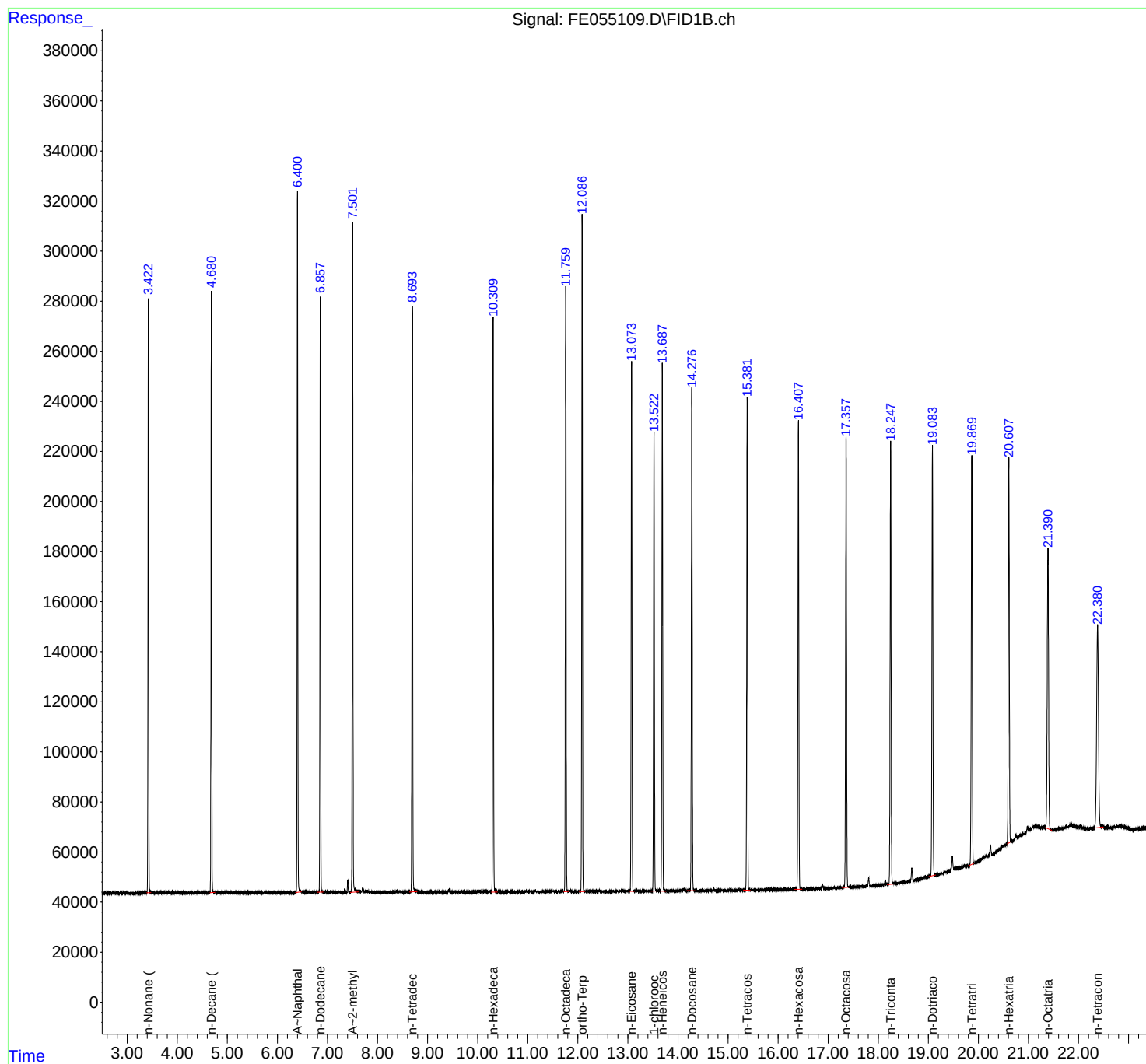
(m)=manual int.

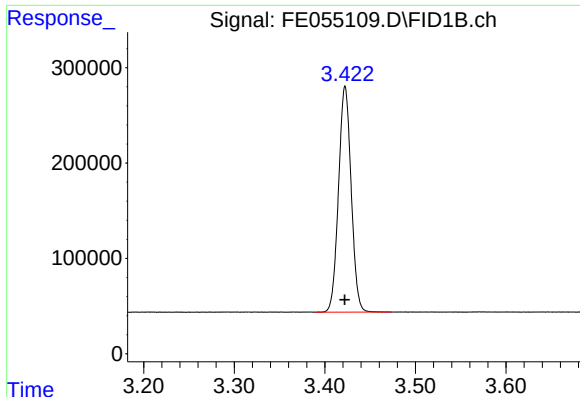
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080125AL\  
Data File : FE055109.D  
Signal(s) : FID1B.ch  
Acq On : 01 Aug 2025 14:55  
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Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
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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  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

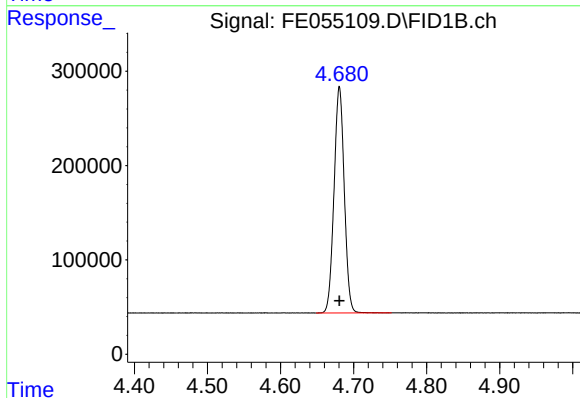




#1 n-Nonane (C9)

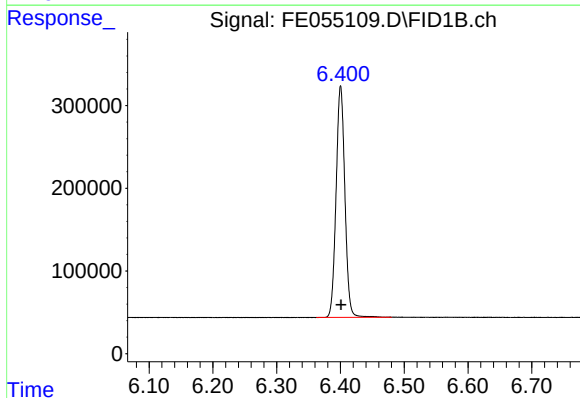
R.T.: 3.422 min  
Delta R.T.: 0.000 min  
Response: 2295496  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



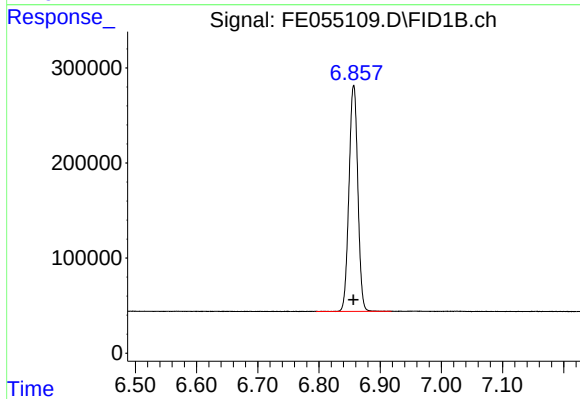
#2 n-Decane (C10)

R.T.: 4.681 min  
Delta R.T.: 0.000 min  
Response: 2335659  
Conc: 20.05 ug/ml



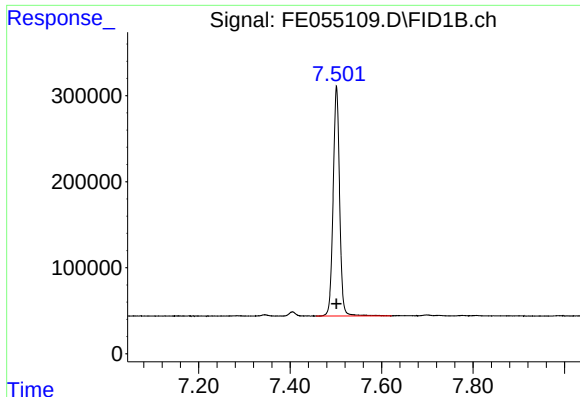
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min  
Delta R.T.: 0.000 min  
Response: 2689720  
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

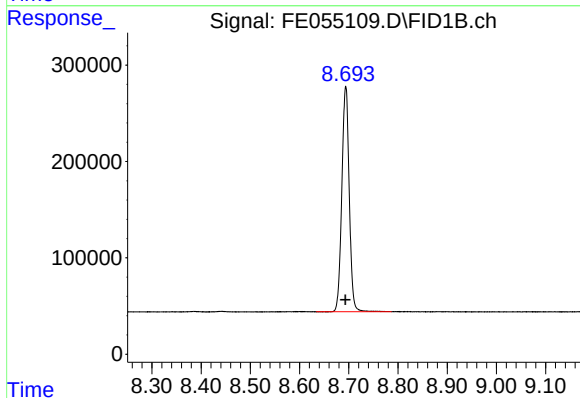
R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 2383948  
Conc: 20.02 ug/ml



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

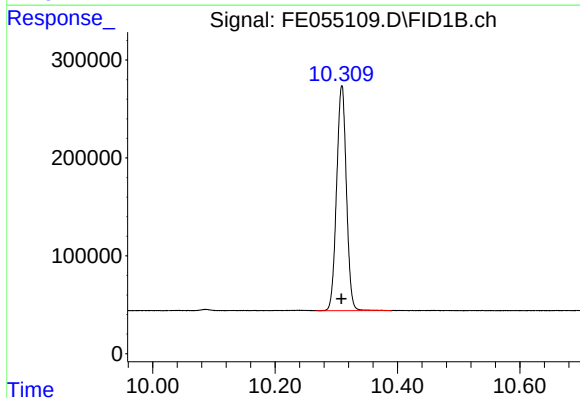
R.T.: 7.502 min  
Delta R.T.: 0.000 min  
Response: 2622337  
Conc: 20.11 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



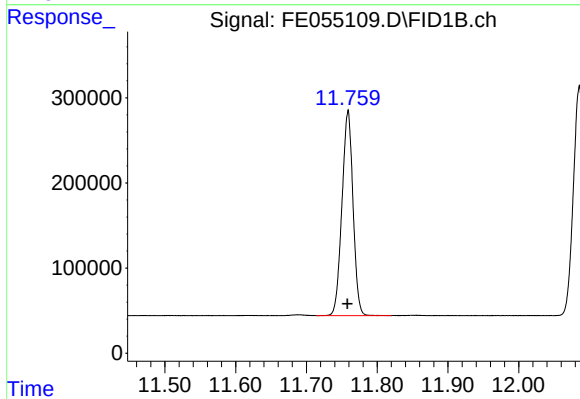
#6 n-Tetradecane (C14)

R.T.: 8.694 min  
Delta R.T.: 0.000 min  
Response: 2443135  
Conc: 19.93 ug/ml



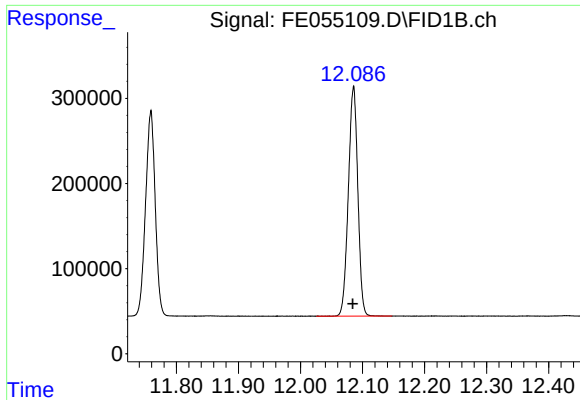
#7 n-Hexadecane (C16)

R.T.: 10.309 min  
Delta R.T.: 0.000 min  
Response: 2559138  
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

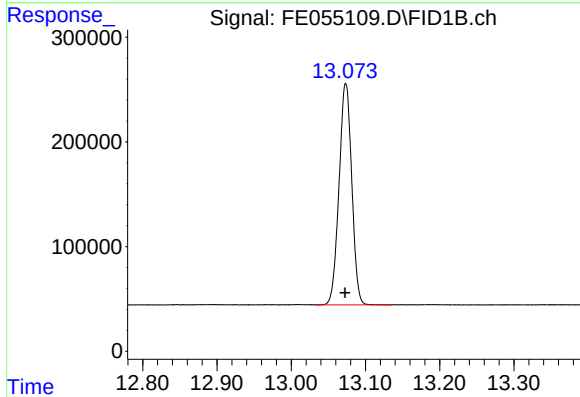
R.T.: 11.759 min  
Delta R.T.: 0.000 min  
Response: 2611774  
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURR)

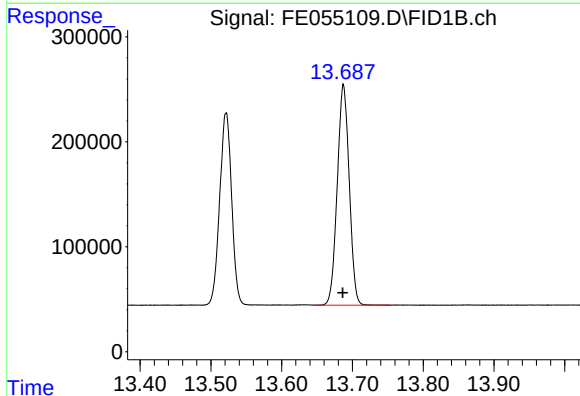
R.T.: 12.085 min  
Delta R.T.: 0.001 min  
Response: 2865358  
Conc: 20.07 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



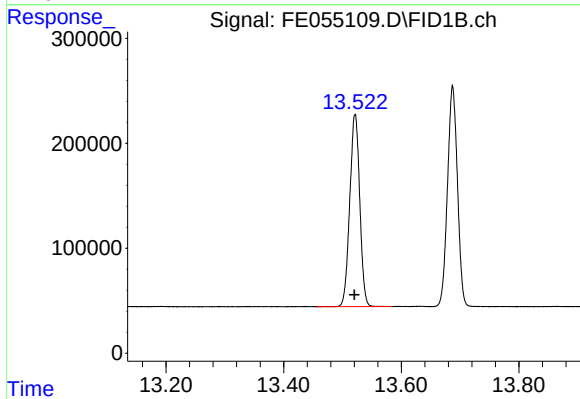
#10 n-Eicosane (C20)

R.T.: 13.074 min  
Delta R.T.: 0.001 min  
Response: 2517987  
Conc: 20.07 ug/ml



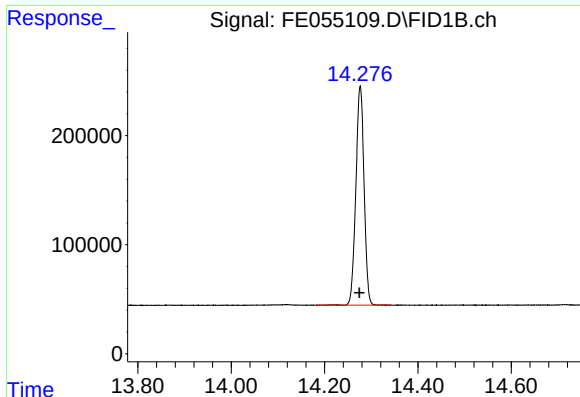
#11 n-Heneicosane (C21)

R.T.: 13.687 min  
Delta R.T.: 0.001 min  
Response: 2473230  
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

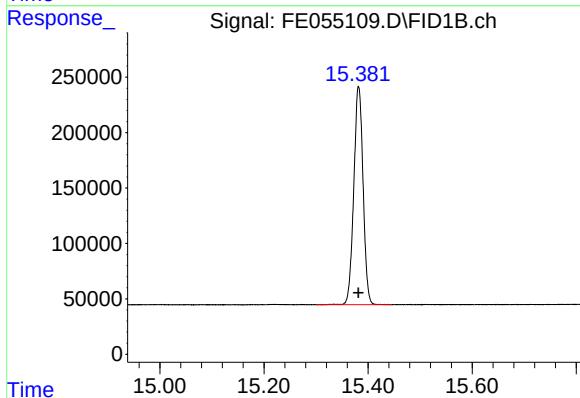
R.T.: 13.522 min  
Delta R.T.: 0.001 min  
Response: 2160035  
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

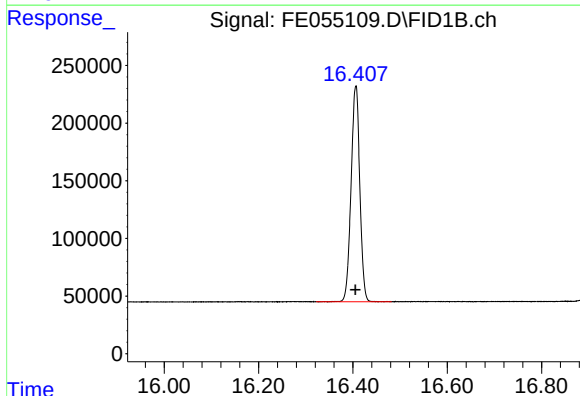
R.T.: 14.276 min  
Delta R.T.: 0.001 min  
Response: 2454702  
Conc: 20.10 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



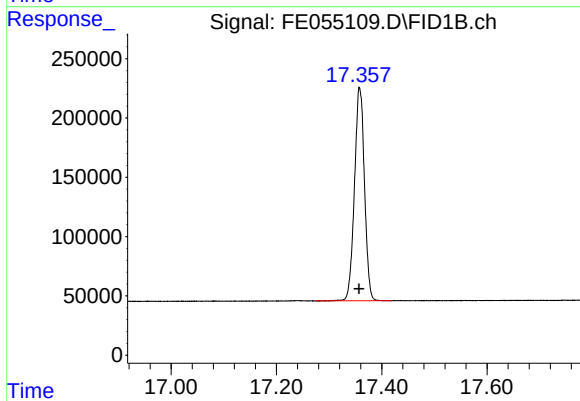
#14 n-Tetracosane (C24)

R.T.: 15.382 min  
Delta R.T.: 0.000 min  
Response: 2437631  
Conc: 20.04 ug/ml



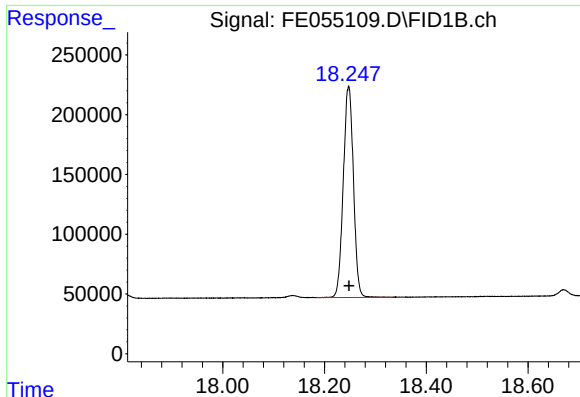
#15 n-Hexacosane (C26)

R.T.: 16.406 min  
Delta R.T.: 0.001 min  
Response: 2398240  
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

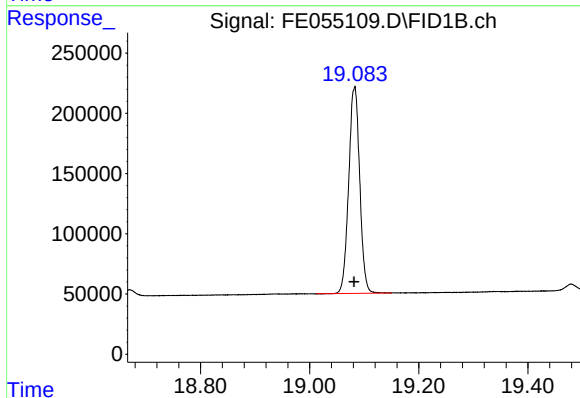
R.T.: 17.358 min  
Delta R.T.: 0.001 min  
Response: 2372515  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

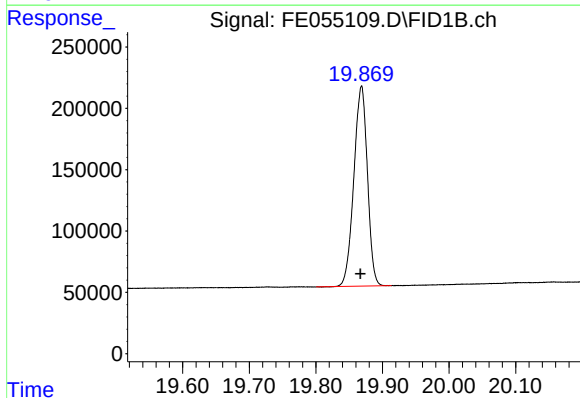
R.T.: 18.247 min  
Delta R.T.: 0.000 min  
Response: 2443769  
Conc: 19.86 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



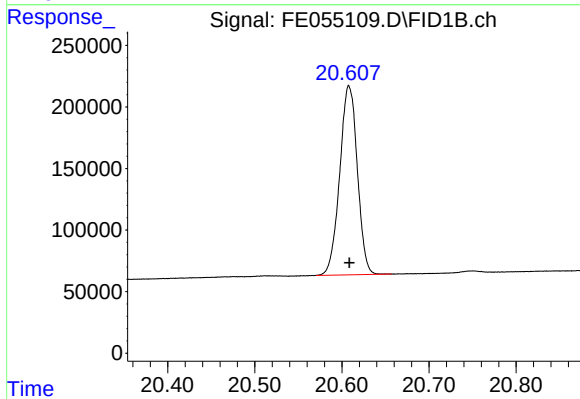
#18 n-Dotriacontane (C32)

R.T.: 19.082 min  
Delta R.T.: 0.000 min  
Response: 2404937  
Conc: 19.71 ug/ml



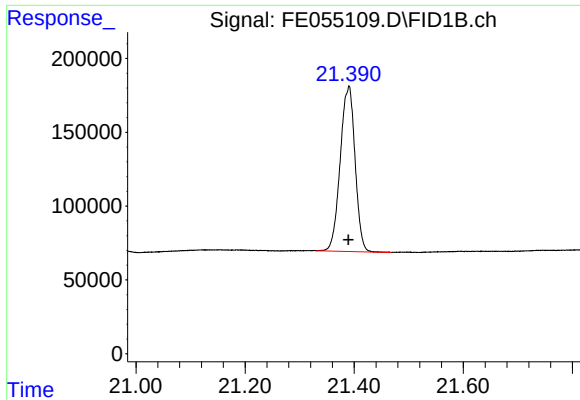
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min  
Delta R.T.: 0.002 min  
Response: 2310031  
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

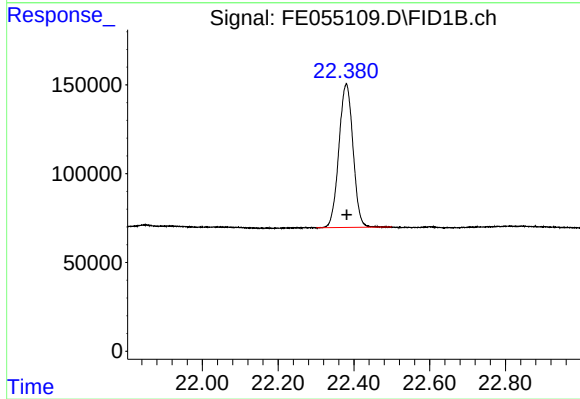
R.T.: 20.608 min  
Delta R.T.: 0.000 min  
Response: 2159409  
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min  
Delta R.T.: 0.000 min  
Response: 2109255  
Conc: 19.52 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.380 min  
Delta R.T.: -0.001 min  
Response: 2093718  
Conc: 20.02 ug/ml