

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111925AL\  
 Data File : FE056925.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Nov 2025 08:05  
 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: sample.E  
 Quant Time: Nov 19 14:22:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 103025.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 18 13:37:28 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)    | 11.945 | 3912781    | 18.729 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.46%       |
| 12) S 1-chlorooctadecane (S... | 13.383 | 2982610    | 18.512 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.309  | 3205518    | 19.085 ug/ml |
| 2) T n-Decane (C10)            | 4.560  | 3540477    | 20.633 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.275  | 3563650    | 19.306 ug/ml |
| 4) T n-Dodecane (C12)          | 6.732  | 3633764    | 20.892 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.375  | 3387346    | 19.114 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.565  | 3585250    | 20.540 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.176 | 3678410    | 20.105 ug/ml |
| 8) T n-Octadecane (C18)        | 11.623 | 3705720    | 19.579 ug/ml |
| 10) T n-Eicosane (C20)         | 12.935 | 3526127    | 18.921 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.548 | 3436964    | 18.691 ug/ml |
| 13) T n-Docosane (C22)         | 14.137 | 3460381    | 18.485 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.242 | 3560675    | 18.179 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.265 | 3529505    | 18.162 ug/ml |
| 16) T n-Octacosane (C28)       | 17.218 | 3586742    | 18.521 ug/ml |
| 17) T n-Tricontane (C30)       | 18.107 | 3759363    | 18.750 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.941 | 3779615    | 19.220 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.726 | 3426331    | 19.850 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.468 | 2954196    | 20.422 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.215 | 2735124    | 21.731 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.147 | 2684483    | 23.219 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

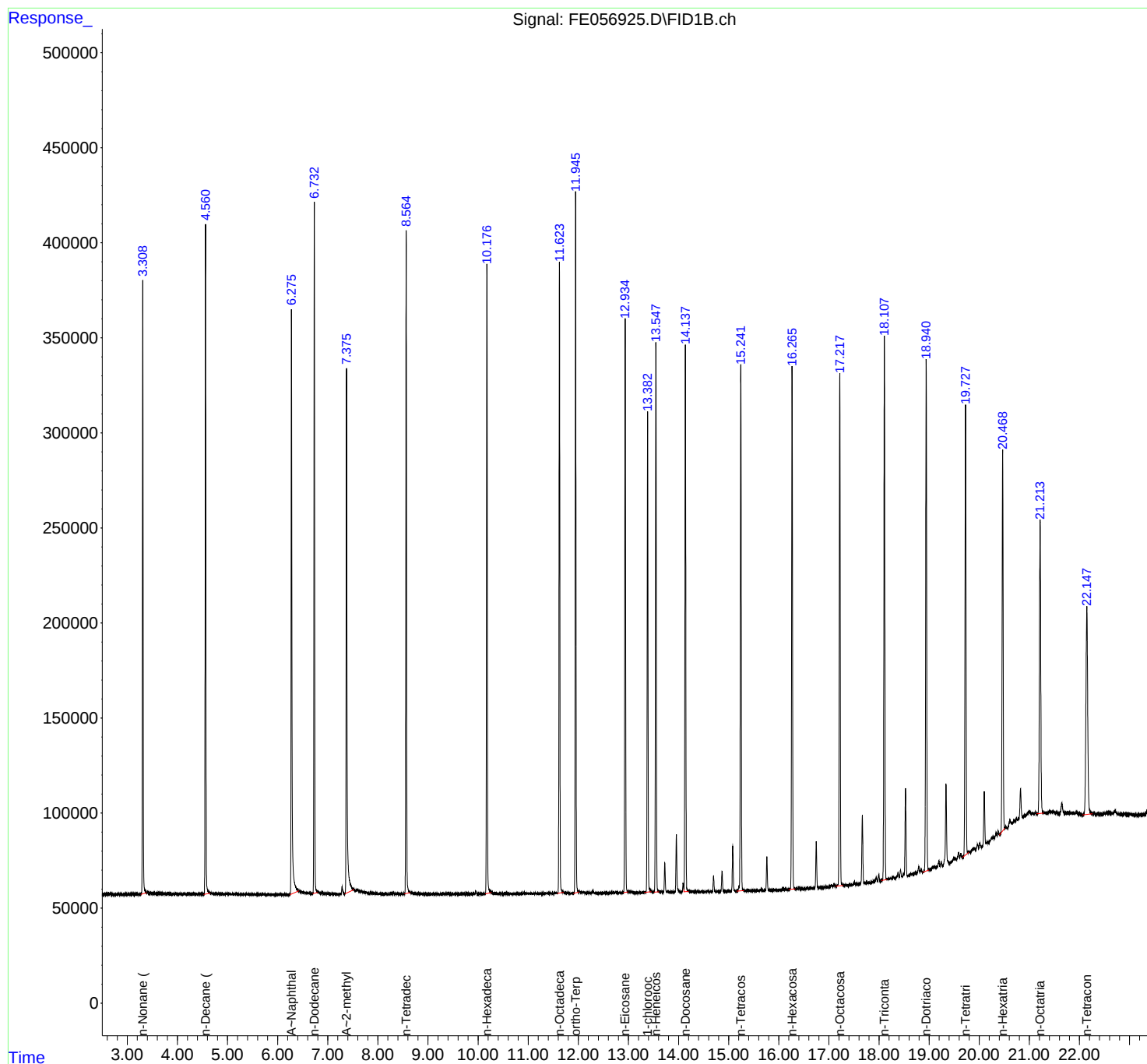
(m)=manual int.

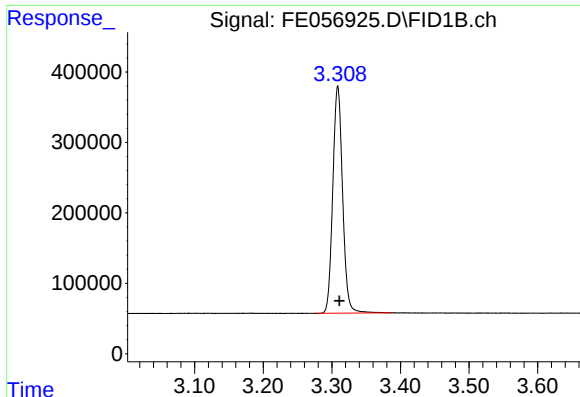
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111925AL\  
Data File : FE056925.D  
Signal(s) : FID1B.ch  
Acq On : 19 Nov 2025 08:05  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

Integration File: sample.E  
Quant Time: Nov 19 14:22:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 103025.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 18 13:37:28 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

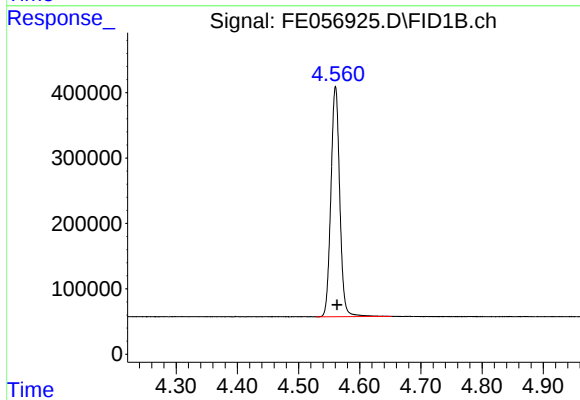




#1 n-Nonane (C9)

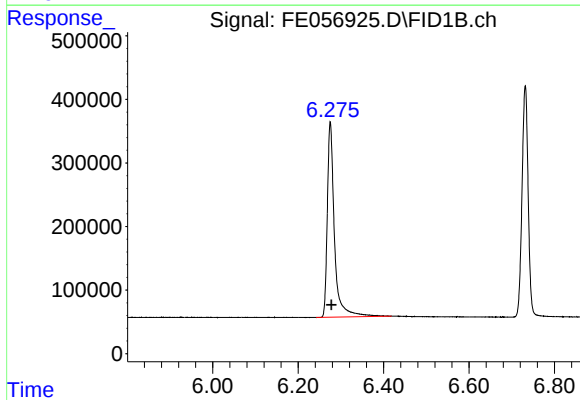
R.T.: 3.309 min  
Delta R.T.: -0.002 min  
Response: 3205518  
Conc: 19.08 ug/ml

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



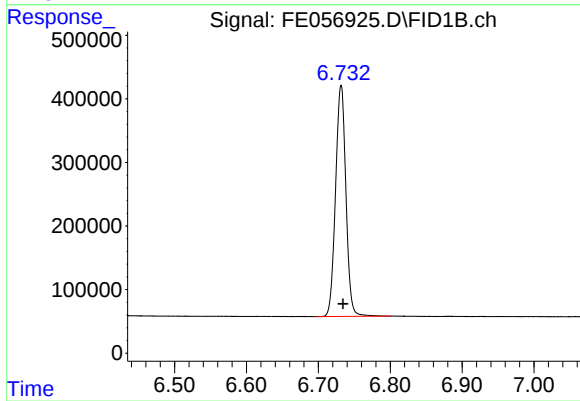
#2 n-Decane (C10)

R.T.: 4.560 min  
Delta R.T.: -0.003 min  
Response: 3540477  
Conc: 20.63 ug/ml



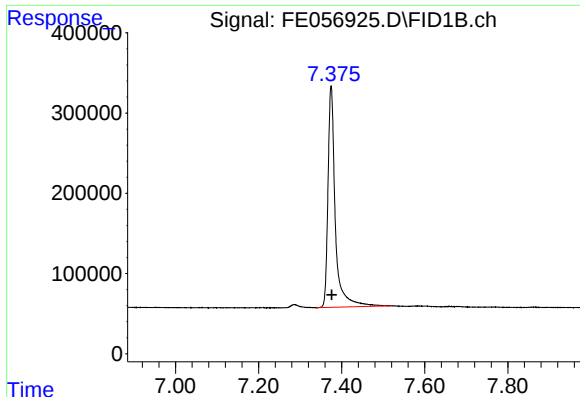
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min  
Delta R.T.: -0.002 min  
Response: 3563650  
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

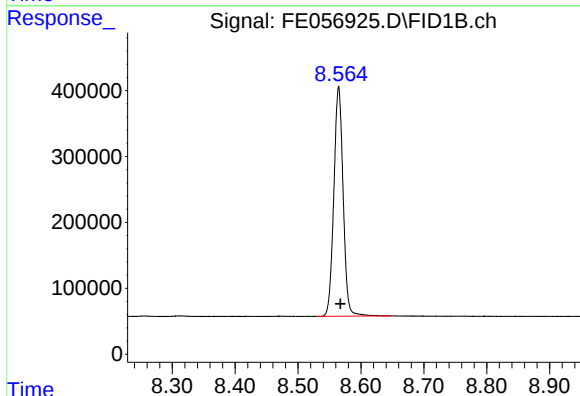
R.T.: 6.732 min  
Delta R.T.: -0.003 min  
Response: 3633764  
Conc: 20.89 ug/ml



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

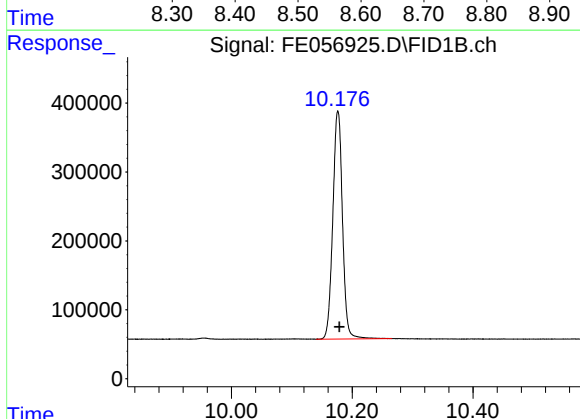
R.T.: 7.375 min  
Delta R.T.: -0.002 min  
Response: 3387346  
Conc: 19.11 ug/ml

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



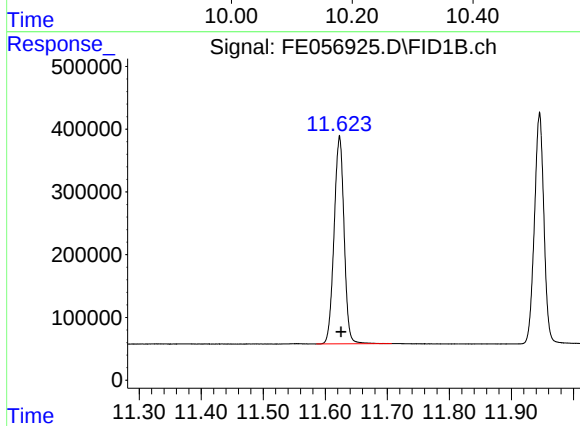
#6 n-Tetradecane (C14)

R.T.: 8.565 min  
Delta R.T.: -0.002 min  
Response: 3585250  
Conc: 20.54 ug/ml



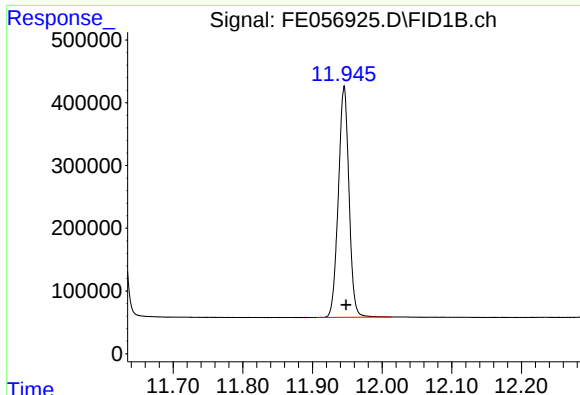
#7 n-Hexadecane (C16)

R.T.: 10.176 min  
Delta R.T.: -0.002 min  
Response: 3678410  
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

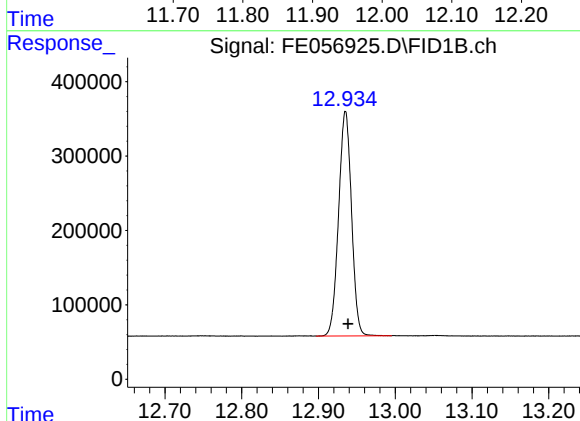
R.T.: 11.623 min  
Delta R.T.: -0.003 min  
Response: 3705720  
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

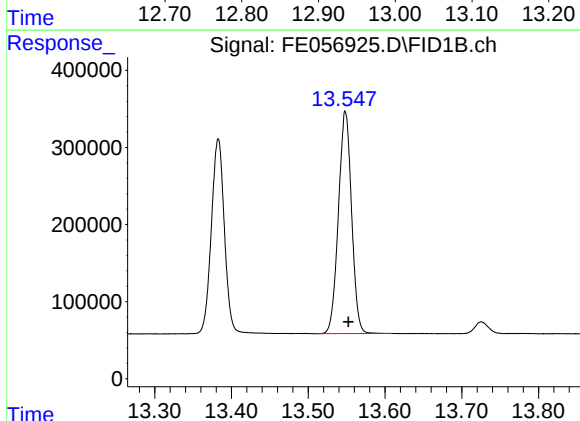
R.T.: 11.945 min  
Delta R.T.: -0.003 min  
Response: 3912781  
Conc: 18.73 ug/ml

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



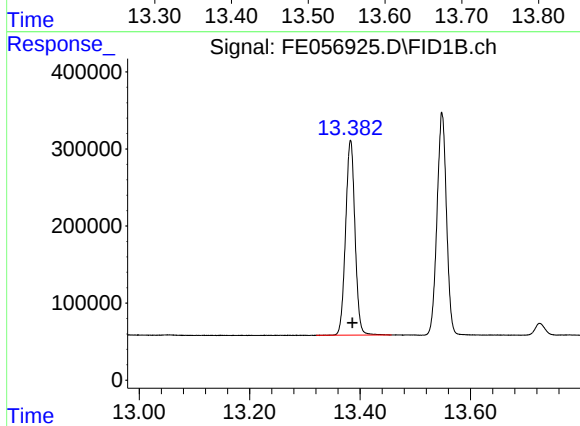
#10 n-Eicosane (C20)

R.T.: 12.935 min  
Delta R.T.: -0.003 min  
Response: 3526127  
Conc: 18.92 ug/ml



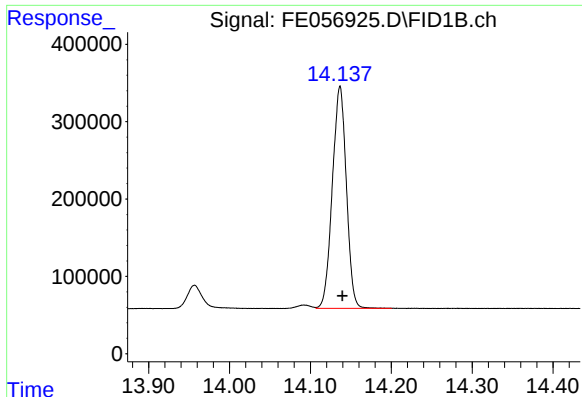
#11 n-Heneicosane (C21)

R.T.: 13.548 min  
Delta R.T.: -0.004 min  
Response: 3436964  
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

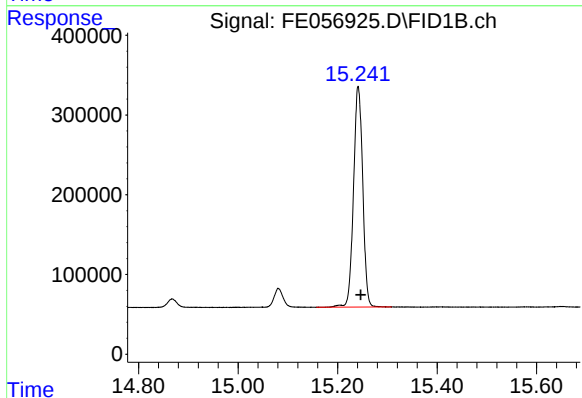
R.T.: 13.383 min  
Delta R.T.: -0.004 min  
Response: 2982610  
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

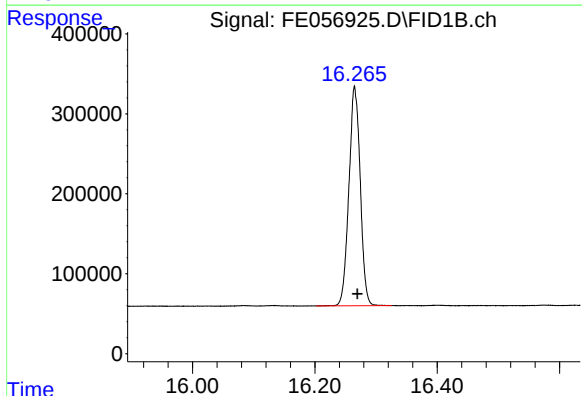
R.T.: 14.137 min  
Delta R.T.: -0.003 min  
Response: 3460381  
Conc: 18.48 ug/ml

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



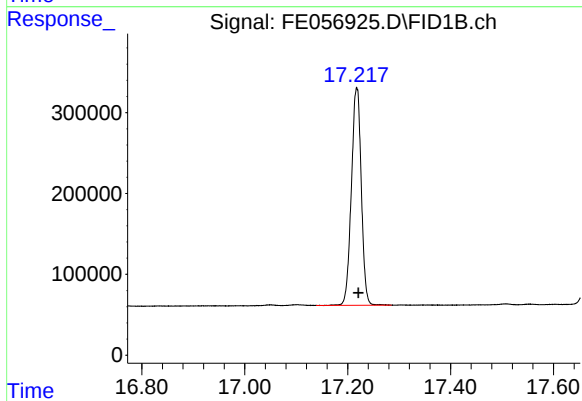
#14 n-Tetracosane (C24)

R.T.: 15.242 min  
Delta R.T.: -0.005 min  
Response: 3560675  
Conc: 18.18 ug/ml



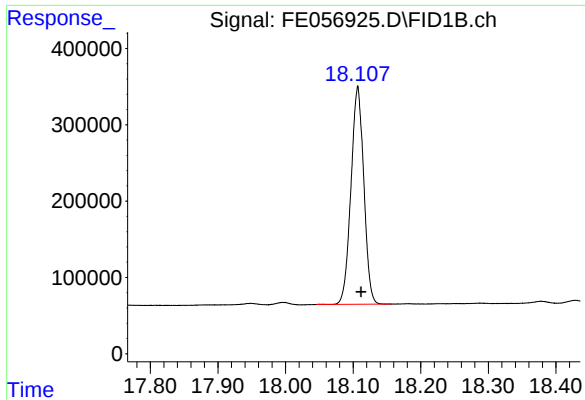
#15 n-Hexacosane (C26)

R.T.: 16.265 min  
Delta R.T.: -0.004 min  
Response: 3529505  
Conc: 18.16 ug/ml



#16 n-Octacosane (C28)

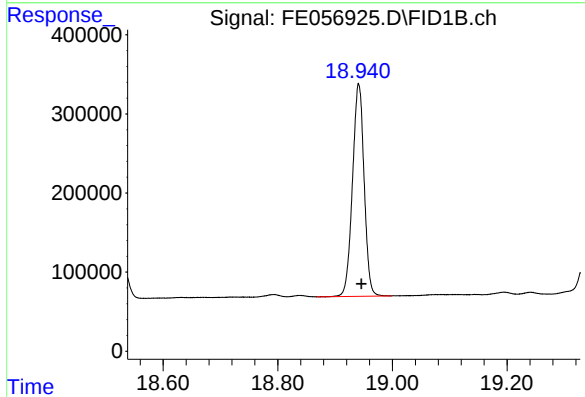
R.T.: 17.218 min  
Delta R.T.: -0.004 min  
Response: 3586742  
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

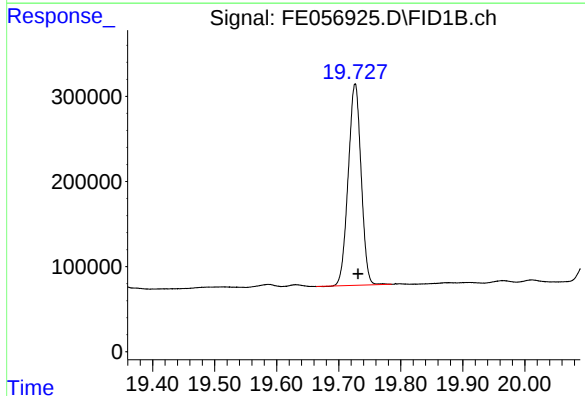
R.T.: 18.107 min  
Delta R.T.: -0.005 min  
Response: 3759363  
Conc: 18.75 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



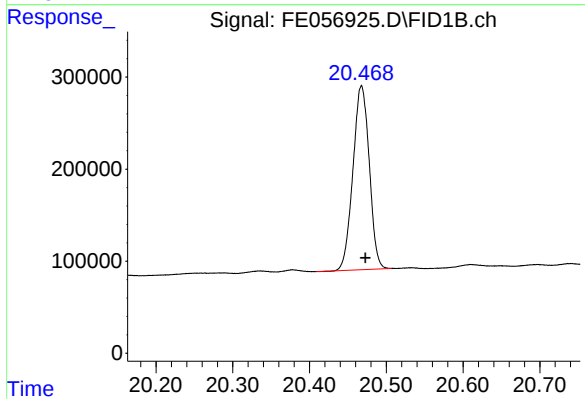
#18 n-Dotriacontane (C32)

R.T.: 18.941 min  
Delta R.T.: -0.005 min  
Response: 3779615  
Conc: 19.22 ug/ml



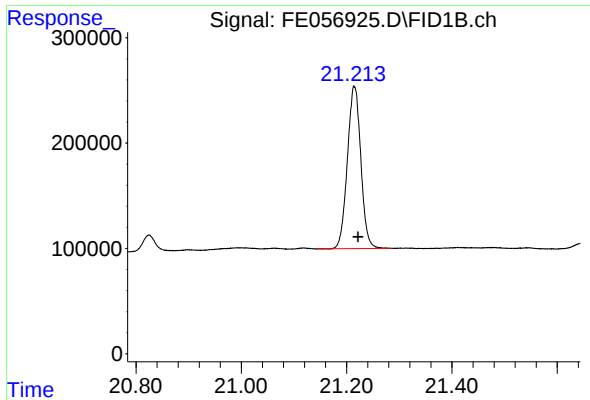
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min  
Delta R.T.: -0.005 min  
Response: 3426331  
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

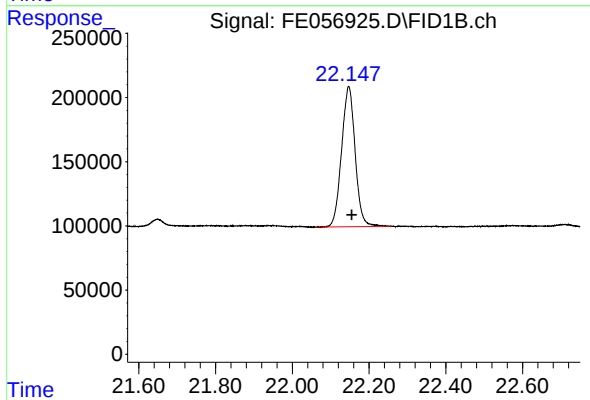
R.T.: 20.468 min  
Delta R.T.: -0.005 min  
Response: 2954196  
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min  
Delta R.T.: -0.007 min  
Response: 2735124  
Conc: 21.73 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.147 min  
Delta R.T.: -0.008 min  
Response: 2684483  
Conc: 23.22 ug/ml