

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010925AL\  
 Data File : FE051892.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Jan 2025 12:48  
 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: Jan 09 15:49:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 010225.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 03 04:14:12 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)    | 12.146 | 2686113    | 18.531 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.06%       |
| 12) S 1-chlorooctadecane (S... | 13.573 | 2073585    | 18.045 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.09%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.558  | 2104983    | 19.058 ug/ml |
| 2) T n-Decane (C10)            | 4.799  | 2199706    | 19.331 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.506  | 2499795    | 19.601 ug/ml |
| 4) T n-Dodecane (C12)          | 6.951  | 2292063    | 19.518 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.595  | 2459779    | 19.654 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.773  | 2336016    | 19.484 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.376 | 2450946    | 19.152 ug/ml |
| 8) T n-Octadecane (C18)        | 11.817 | 2491004    | 18.720 ug/ml |
| 10) T n-Eicosane (C20)         | 13.126 | 2407366    | 18.296 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.737 | 2361339    | 17.967 ug/ml |
| 13) T n-Docosane (C22)         | 14.322 | 2368876    | 18.057 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.424 | 2398246    | 18.106 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.445 | 2373723    | 18.091 ug/ml |
| 16) T n-Octacosane (C28)       | 17.392 | 2362891    | 18.301 ug/ml |
| 17) T n-Tricontane (C30)       | 18.280 | 2445850    | 18.605 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.110 | 2355060    | 18.557 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.892 | 2030723    | 18.277 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.632 | 1786742    | 18.110 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.416 | 1767572    | 18.669 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.417 | 1623516    | 17.637 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

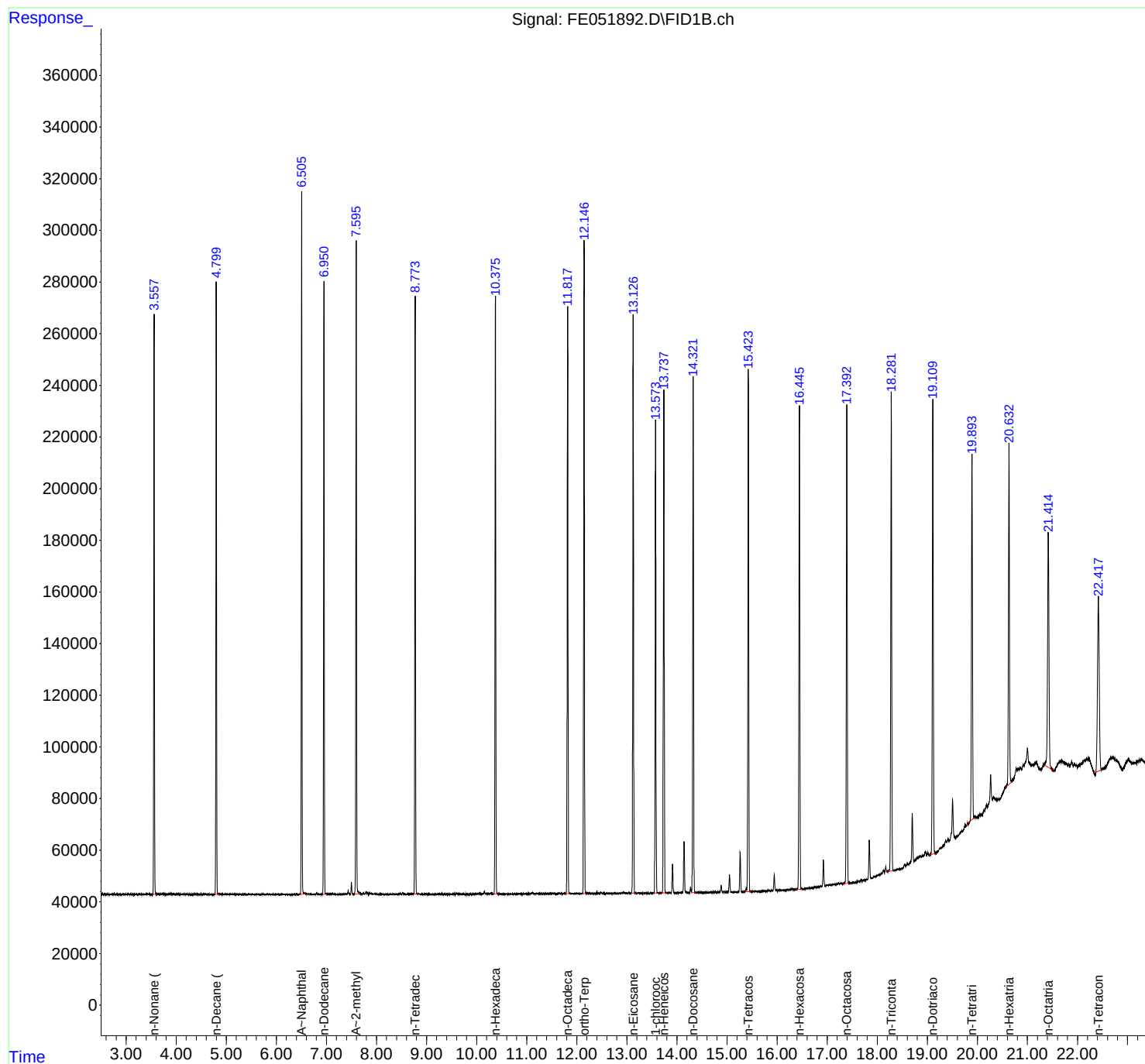
(m)=manual int.

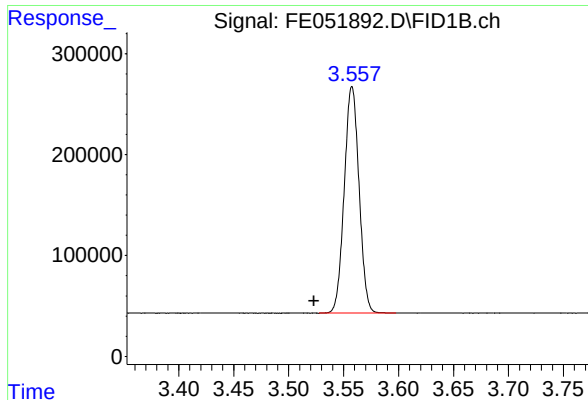
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010925AL\  
Data File : FE051892.D  
Signal(s) : FID1B.ch  
Acq On : 09 Jan 2025 12:48  
Operator : YP\AJ  
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Misc :  
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Volume Inj. : 1 ul  
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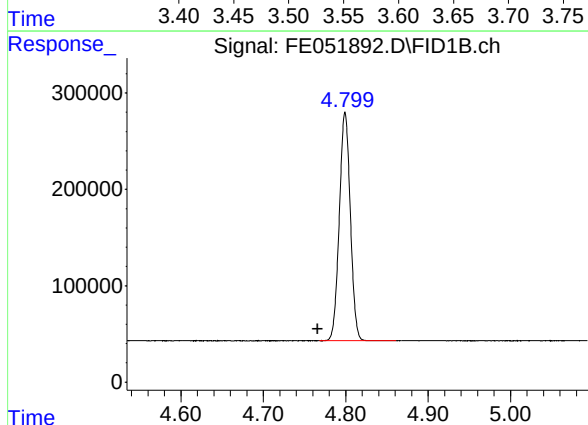




#1 n-Nonane (C9)

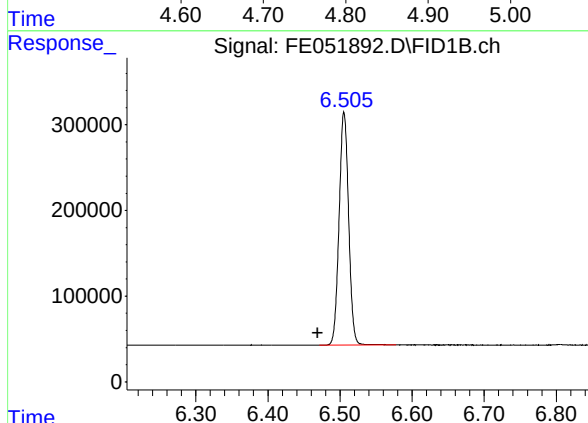
R.T.: 3.558 min  
Delta R.T.: 0.035 min  
Response: 2104983  
Conc: 19.06 ug/ml

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



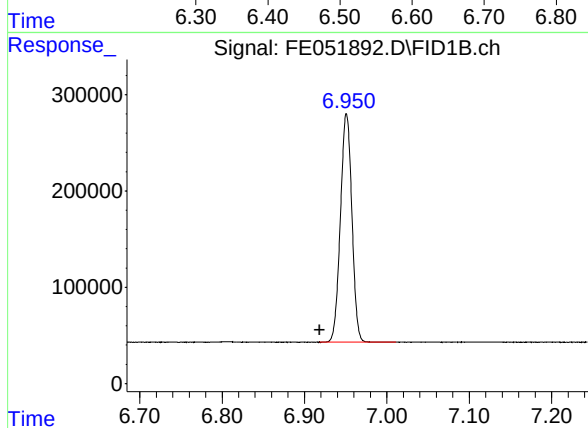
#2 n-Decane (C10)

R.T.: 4.799 min  
Delta R.T.: 0.034 min  
Response: 2199706  
Conc: 19.33 ug/ml



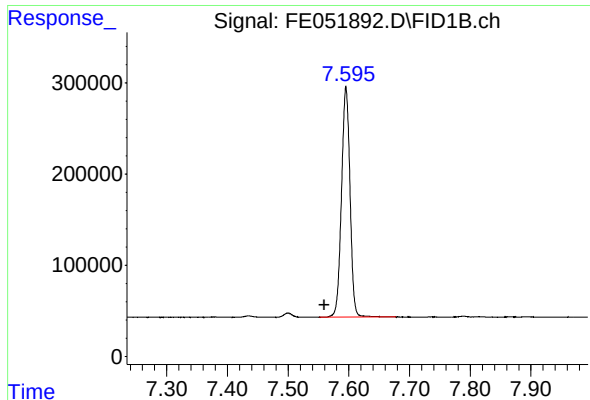
#3 A~Naphthalene (C11.7)

R.T.: 6.506 min  
Delta R.T.: 0.036 min  
Response: 2499795  
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

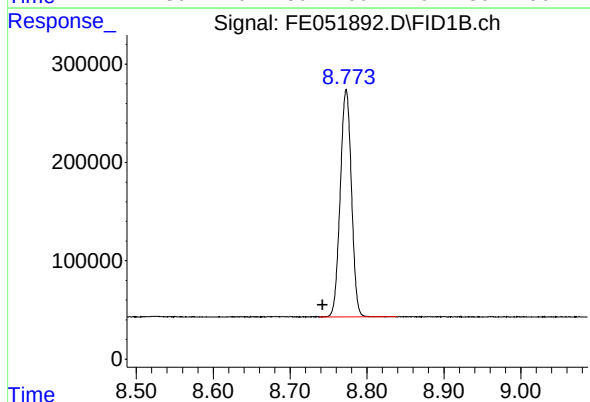
R.T.: 6.951 min  
Delta R.T.: 0.033 min  
Response: 2292063  
Conc: 19.52 ug/ml



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

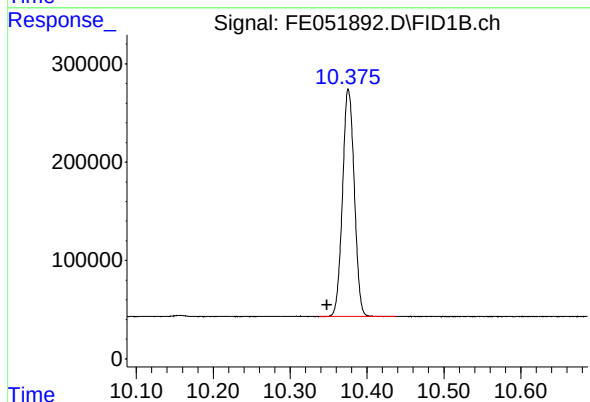
R.T.: 7.595 min  
Delta R.T.: 0.036 min  
Response: 2459779  
Conc: 19.65 ug/ml

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



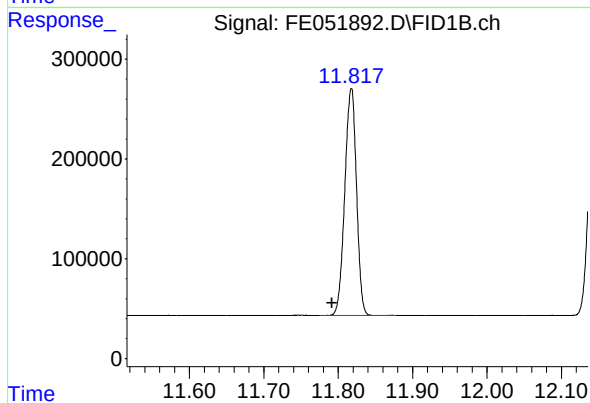
#6 n-Tetradecane (C14)

R.T.: 8.773 min  
Delta R.T.: 0.031 min  
Response: 2336016  
Conc: 19.48 ug/ml



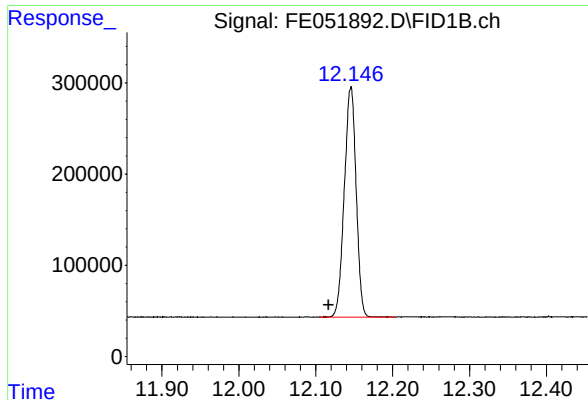
#7 n-Hexadecane (C16)

R.T.: 10.376 min  
Delta R.T.: 0.028 min  
Response: 2450946  
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

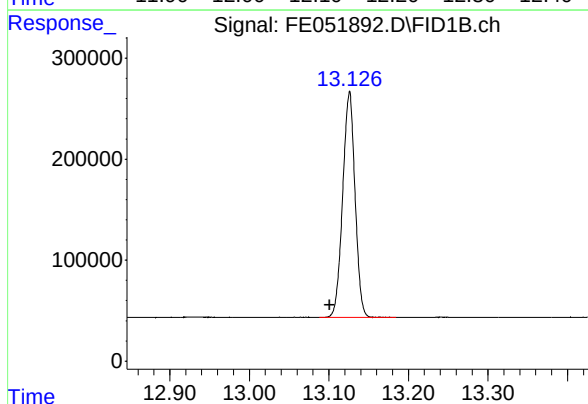
R.T.: 11.817 min  
Delta R.T.: 0.026 min  
Response: 2491004  
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

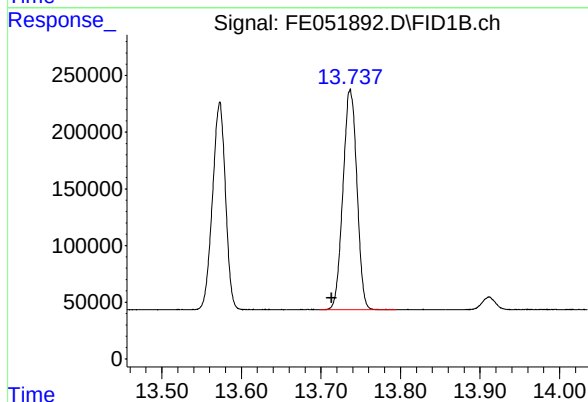
R.T.: 12.146 min  
Delta R.T.: 0.029 min  
Response: 2686113  
Conc: 18.53 ug/ml

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



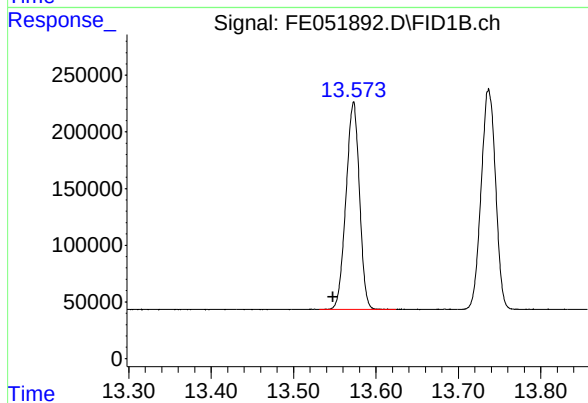
#10 n-Eicosane (C20)

R.T.: 13.126 min  
Delta R.T.: 0.025 min  
Response: 2407366  
Conc: 18.30 ug/ml



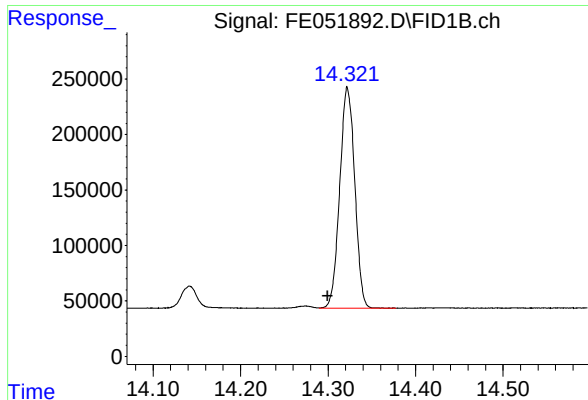
#11 n-Heneicosane (C21)

R.T.: 13.737 min  
Delta R.T.: 0.024 min  
Response: 2361339  
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

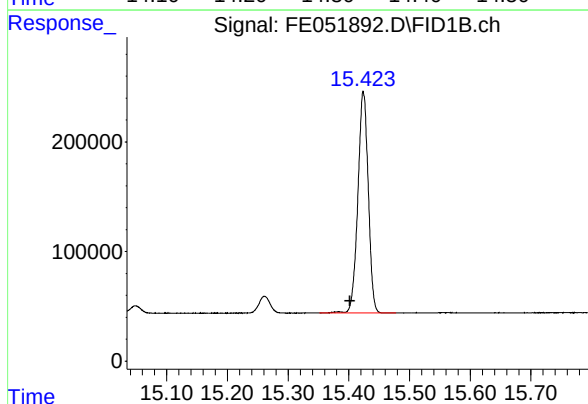
R.T.: 13.573 min  
Delta R.T.: 0.025 min  
Response: 2073585  
Conc: 18.05 ug/ml



#13 n-Docosane (C22)

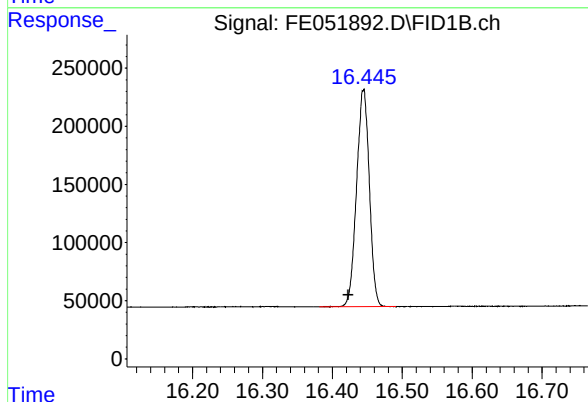
R.T.: 14.322 min  
Delta R.T.: 0.023 min  
Response: 2368876  
Conc: 18.06 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



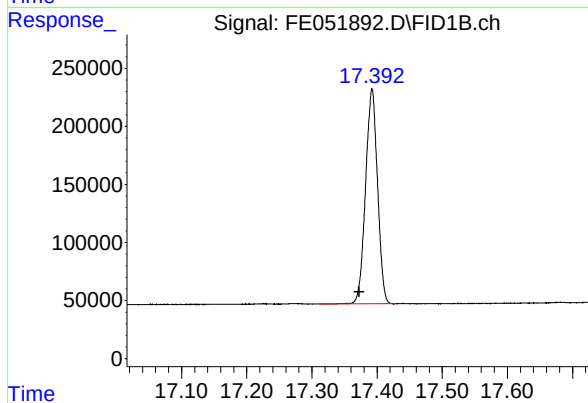
#14 n-Tetracosane (C24)

R.T.: 15.424 min  
Delta R.T.: 0.022 min  
Response: 2398246  
Conc: 18.11 ug/ml



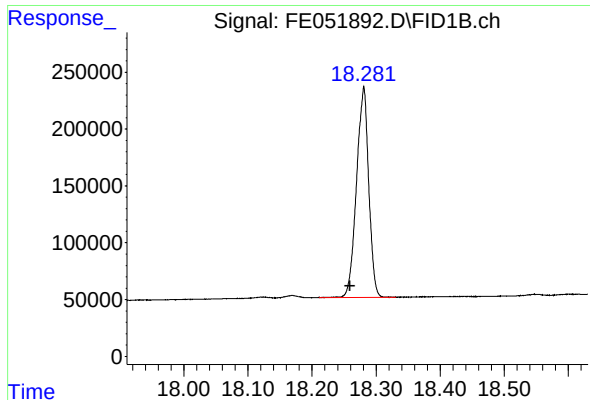
#15 n-Hexacosane (C26)

R.T.: 16.445 min  
Delta R.T.: 0.022 min  
Response: 2373723  
Conc: 18.09 ug/ml



#16 n-Octacosane (C28)

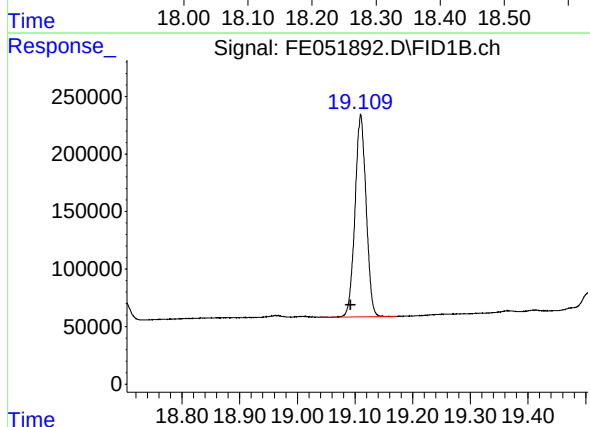
R.T.: 17.392 min  
Delta R.T.: 0.019 min  
Response: 2362891  
Conc: 18.30 ug/ml



#17 n-Tricontane (C30)

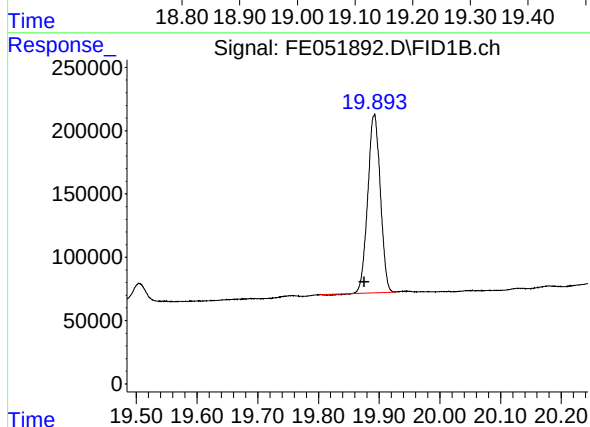
R.T.: 18.280 min  
Delta R.T.: 0.021 min  
Response: 2445850  
Conc: 18.61 ug/ml

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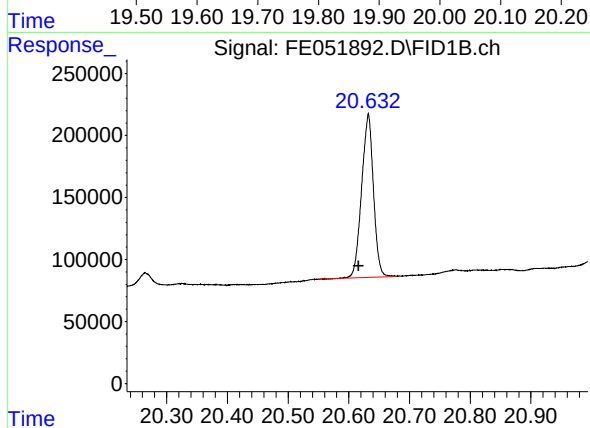
#18 n-Dotriacontane (C32)

R.T.: 19.110 min  
Delta R.T.: 0.017 min  
Response: 2355060  
Conc: 18.56 ug/ml



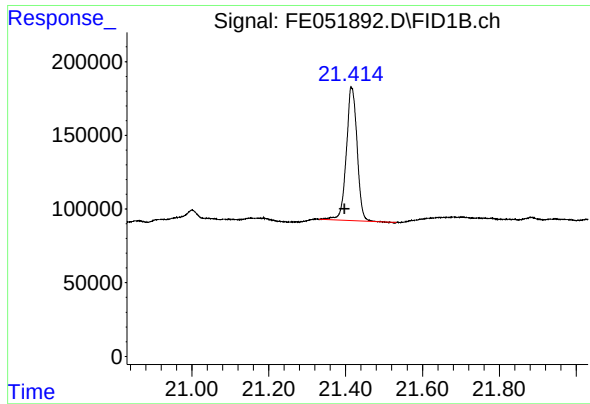
#19 n-Tetatriacontane (C34)

R.T.: 19.892 min  
Delta R.T.: 0.017 min  
Response: 2030723  
Conc: 18.28 ug/ml



#20 n-Hexatriacontane (C36)

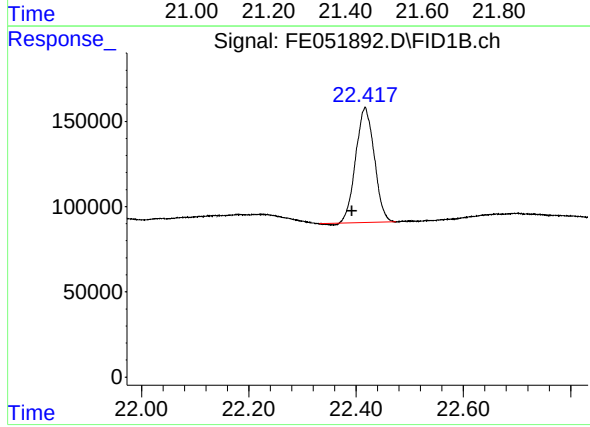
R.T.: 20.632 min  
Delta R.T.: 0.015 min  
Response: 1786742  
Conc: 18.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.416 min  
Delta R.T.: 0.018 min  
Response: 1767572  
Conc: 18.67 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.417 min  
Delta R.T.: 0.024 min  
Response: 1623516  
Conc: 17.64 ug/ml