

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032925AL\  
 Data File : FE053059.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 Mar 2025 00:39  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 31 02:34:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 31 02:32:07 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)    | 11.895 | 3281499    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 13.340 | 2420661    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.241  | 3111803    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 4.502  | 3155729    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.214  | 3393831    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.682  | 3146549    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.316  | 3236897    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.518  | 3079745    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.132 | 3110571    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 11.580 | 3062795    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 12.894 | 2878519    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.508 | 2795775    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 14.096 | 2757743    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.201 | 2712592    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.225 | 2682626    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 17.177 | 2644740    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 18.066 | 2710540    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.900 | 2684745    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.686 | 2582519    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.428 | 2358807    | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.165 | 2301865    | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.078 | 2272435    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

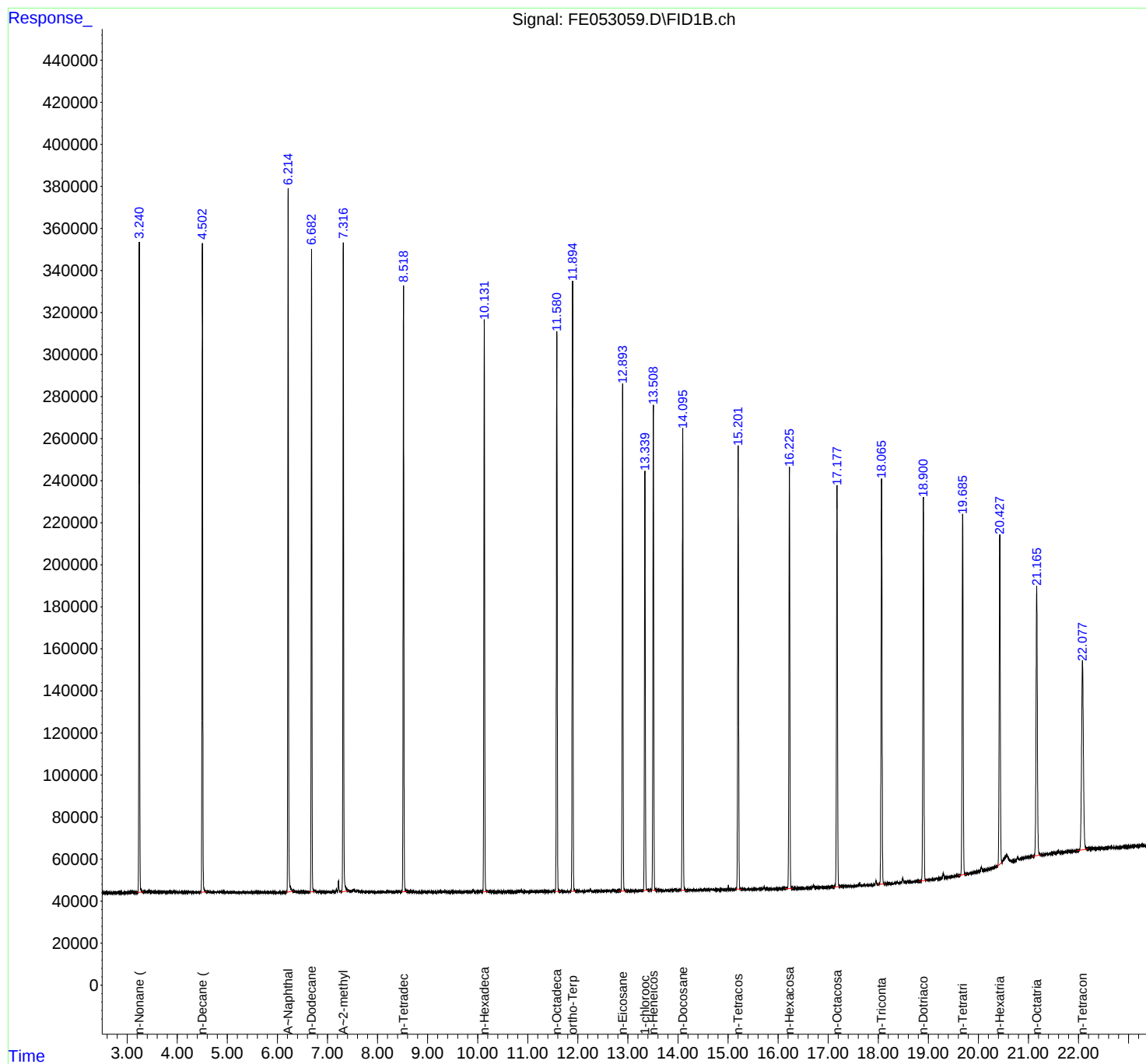
(m)=manual int.

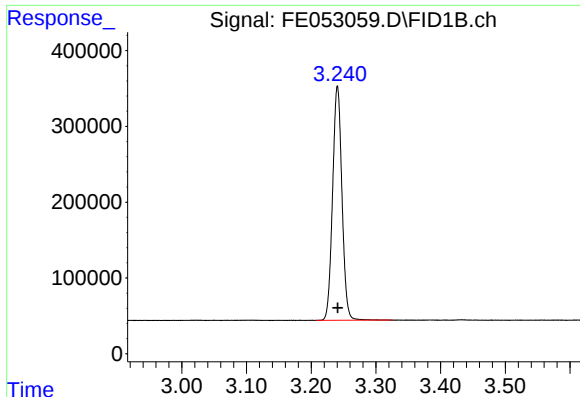
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032925AL\  
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Acq On : 29 Mar 2025 00:39  
Operator : YP\AJ  
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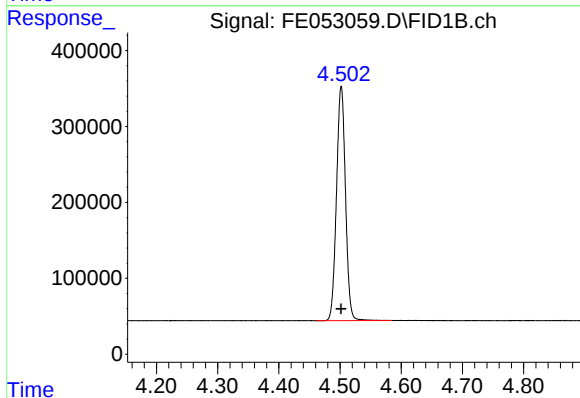




#1 n-Nonane (C9)

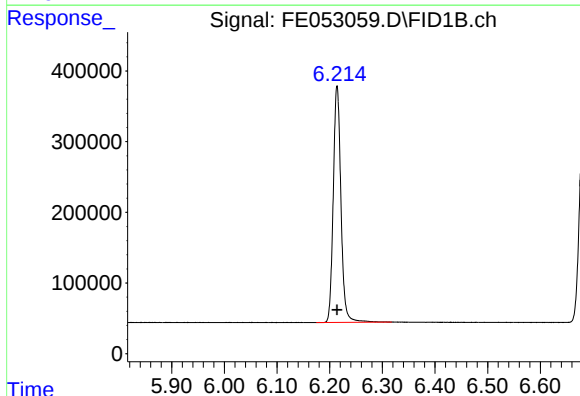
R.T.: 3.241 min  
Delta R.T.: 0.000 min  
Response: 3111803  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



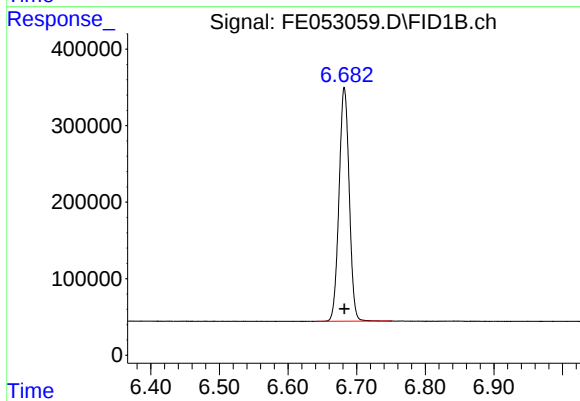
#2 n-Decane (C10)

R.T.: 4.502 min  
Delta R.T.: 0.000 min  
Response: 3155729  
Conc: 20.00 ug/ml



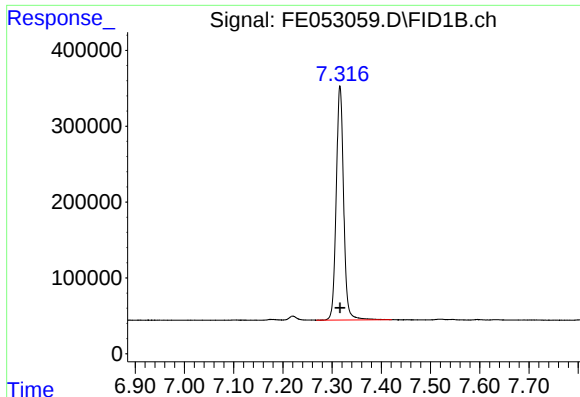
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 3393831  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

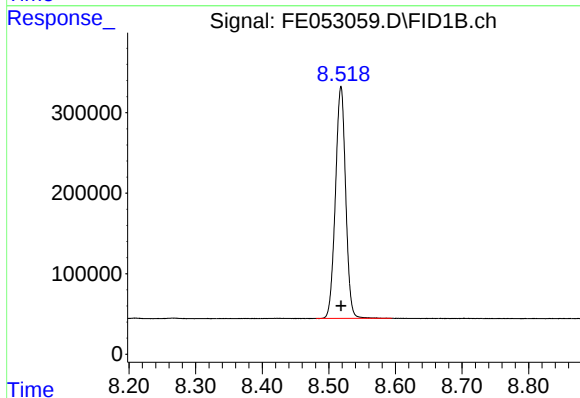
R.T.: 6.682 min  
Delta R.T.: 0.000 min  
Response: 3146549  
Conc: 20.00 ug/ml



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

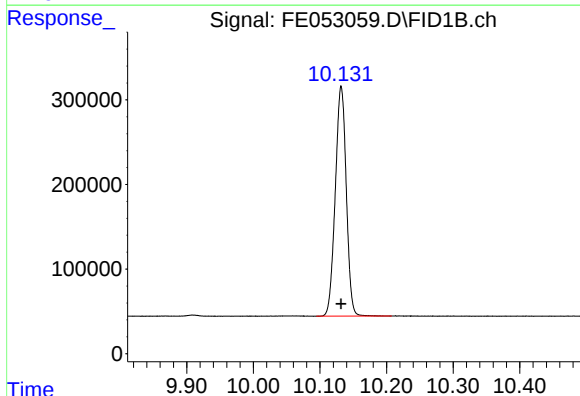
R.T.: 7.316 min  
Delta R.T.: 0.000 min  
Response: 3236897  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



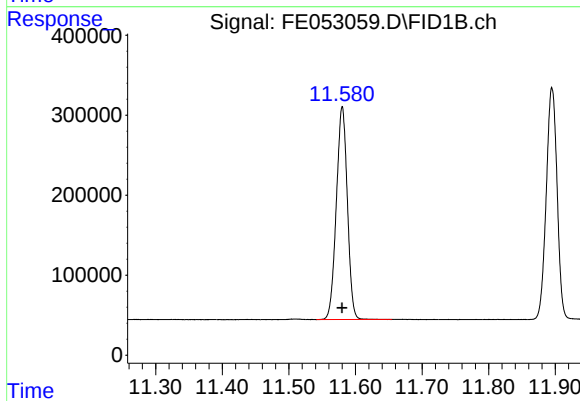
#6 n-Tetradecane (C14)

R.T.: 8.518 min  
Delta R.T.: 0.000 min  
Response: 3079745  
Conc: 20.00 ug/ml



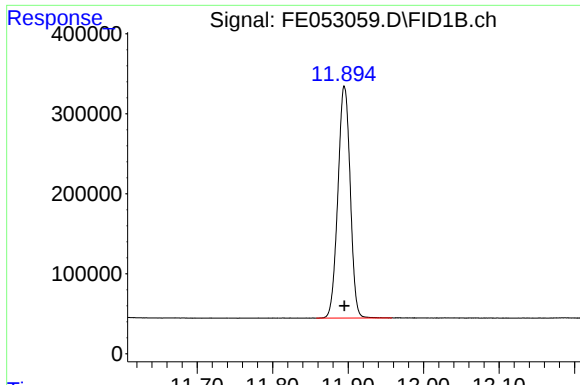
#7 n-Hexadecane (C16)

R.T.: 10.132 min  
Delta R.T.: 0.000 min  
Response: 3110571  
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

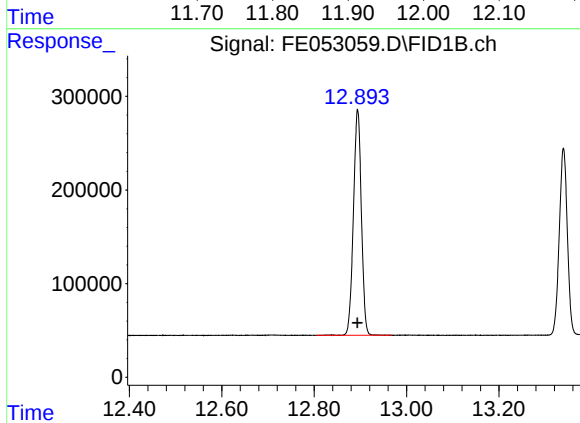
R.T.: 11.580 min  
Delta R.T.: 0.000 min  
Response: 3062795  
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

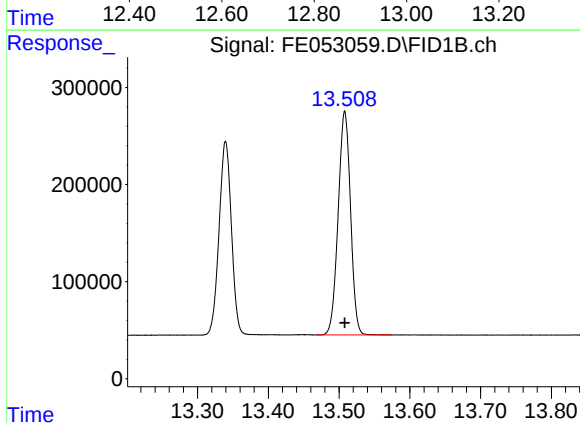
R.T.: 11.895 min  
Delta R.T.: 0.000 min  
Response: 3281499  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



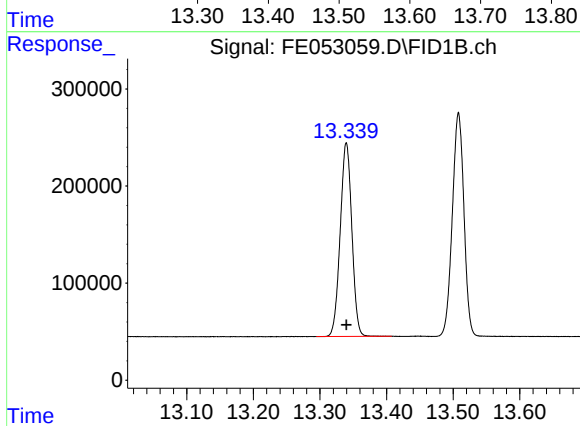
#10 n-Eicosane (C20)

R.T.: 12.894 min  
Delta R.T.: 0.000 min  
Response: 2878519  
Conc: 20.00 ug/ml



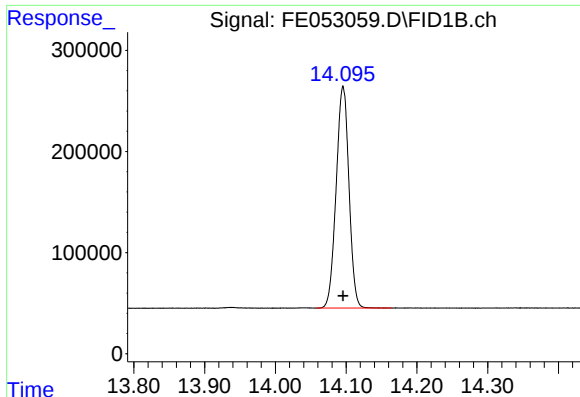
#11 n-Heneicosane (C21)

R.T.: 13.508 min  
Delta R.T.: 0.000 min  
Response: 2795775  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

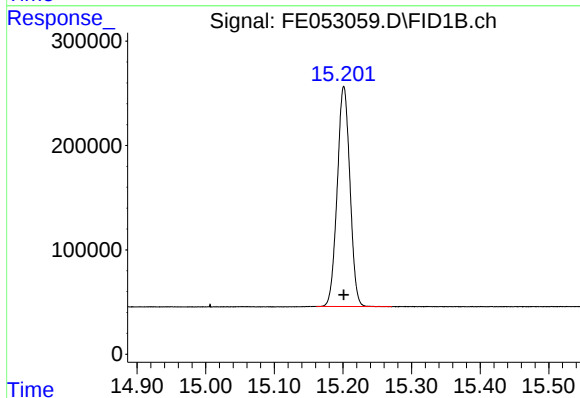
R.T.: 13.340 min  
Delta R.T.: 0.000 min  
Response: 2420661  
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

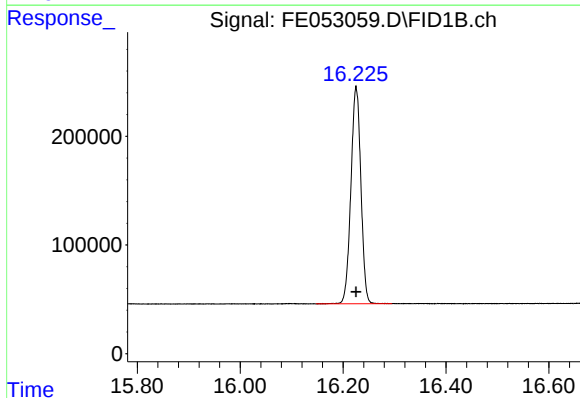
R.T.: 14.096 min  
Delta R.T.: 0.000 min  
Response: 2757743  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



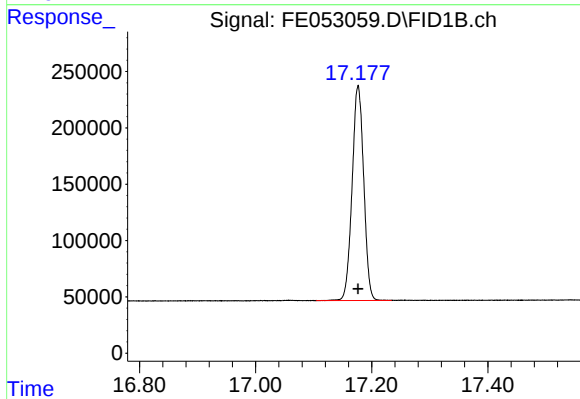
#14 n-Tetracosane (C24)

R.T.: 15.201 min  
Delta R.T.: 0.000 min  
Response: 2712592  
Conc: 20.00 ug/ml



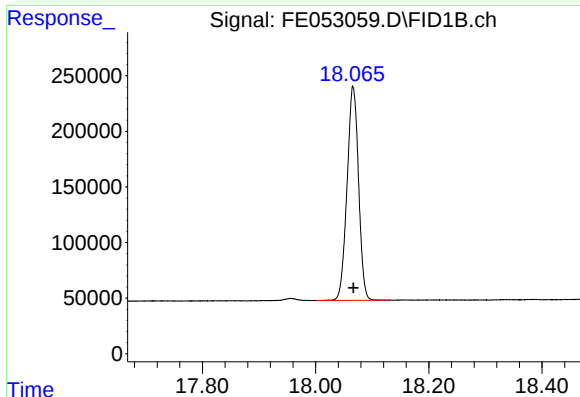
#15 n-Hexacosane (C26)

R.T.: 16.225 min  
Delta R.T.: 0.000 min  
Response: 2682626  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

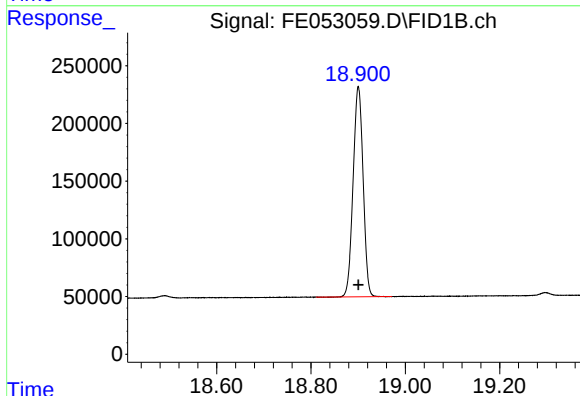
R.T.: 17.177 min  
Delta R.T.: 0.000 min  
Response: 2644740  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

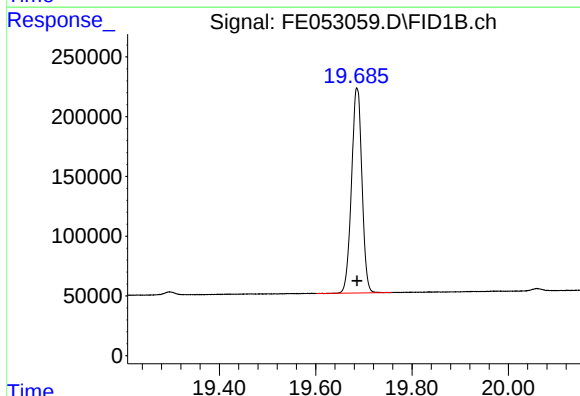
R.T.: 18.066 min  
Delta R.T.: 0.000 min  
Response: 2710540  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



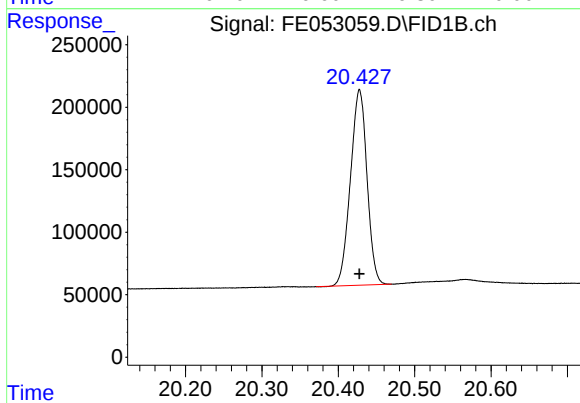
#18 n-Dotriacontane (C32)

R.T.: 18.900 min  
Delta R.T.: 0.000 min  
Response: 2684745  
Conc: 20.00 ug/ml



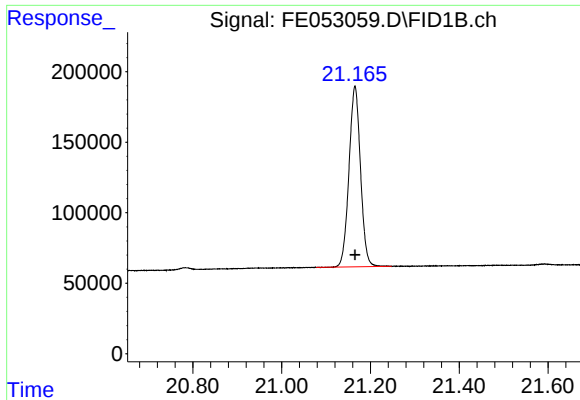
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min  
Delta R.T.: 0.000 min  
Response: 2582519  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

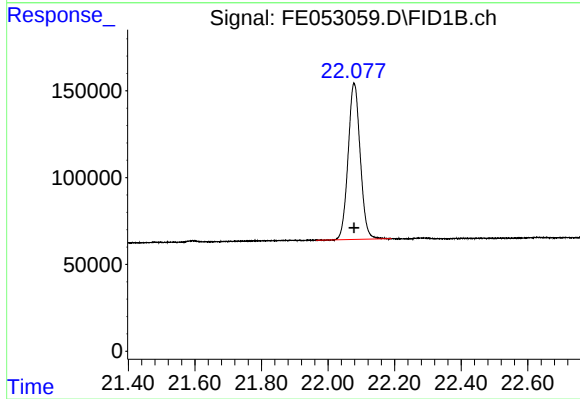
R.T.: 20.428 min  
Delta R.T.: 0.000 min  
Response: 2358807  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.165 min  
Delta R.T.: 0.000 min  
Response: 2301865  
Conc: 20.00 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.078 min  
Delta R.T.: 0.000 min  
Response: 2272435  
Conc: 20.00 ug/ml