

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122122AL\  
 Data File : FE039429.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Dec 2022 09:21  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 21 14:19:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 17 15:09:52 2022  
 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)    | 11.929 | 2944868    | 19.733 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.47%       |
| 12) S 1-chlorooctadecane (S... | 13.364 | 2255091    | 19.593 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.19%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.325  | 2407363    | 18.624 ug/ml |
| 2) T n-Decane (C10)            | 4.575  | 2425330    | 19.034 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.278  | 2807111    | 19.419 ug/ml |
| 4) T n-Dodecane (C12)          | 6.738  | 2454041    | 18.903 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.372  | 2637028    | 19.471 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.563  | 2523981    | 19.047 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.170 | 2646210    | 19.235 ug/ml |
| 8) T n-Octadecane (C18)        | 11.611 | 2721024    | 19.427 ug/ml |
| 10) T n-Eicosane (C20)         | 12.920 | 2666869    | 19.537 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.532 | 2639673    | 19.354 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 2642929    | 19.537 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.220 | 2616566    | 19.492 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.241 | 2536485    | 19.480 ug/ml |
| 16) T n-Octacosane (C28)       | 17.190 | 2559401    | 19.886 ug/ml |
| 17) T n-Tricontane (C30)       | 18.078 | 2647082    | 20.560 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.911 | 2762907    | 21.335 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.695 | 2626739    | 20.820 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.436 | 2381311    | 19.694 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.171 | 2344510    | 18.984 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.082 | 2279818    | 18.154 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

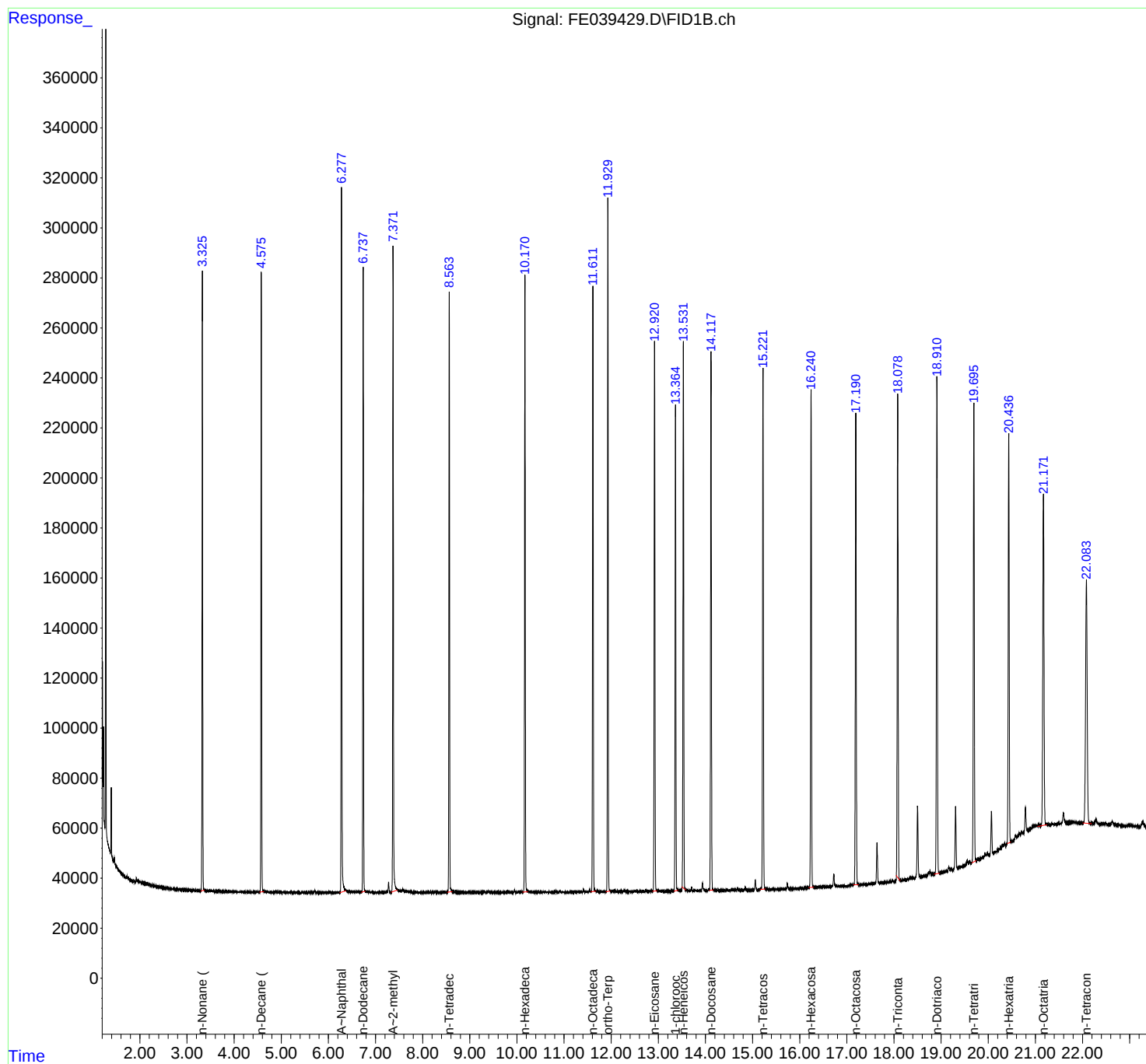
(m)=manual int.

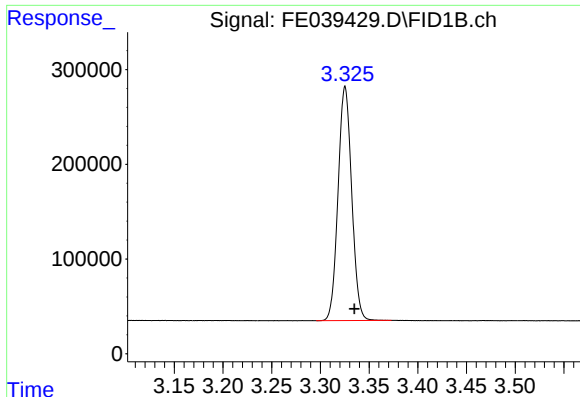
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122122AL\  
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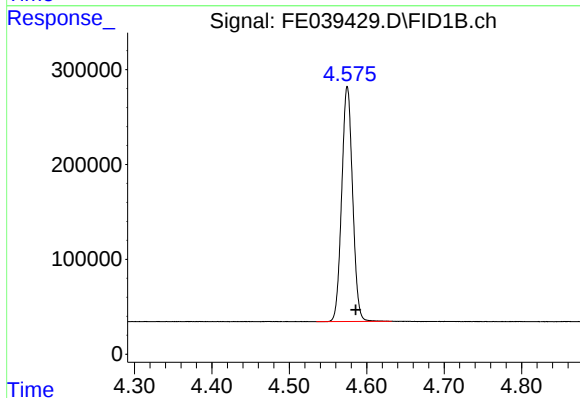




#1 n-Nonane (C9)

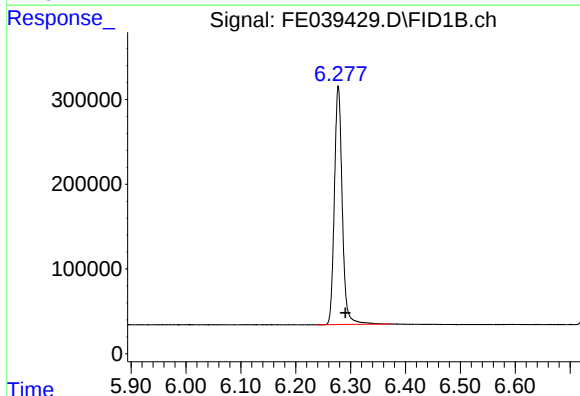
R.T.: 3.325 min  
Delta R.T.: -0.010 min  
Response: 2407363  
Conc: 18.62 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



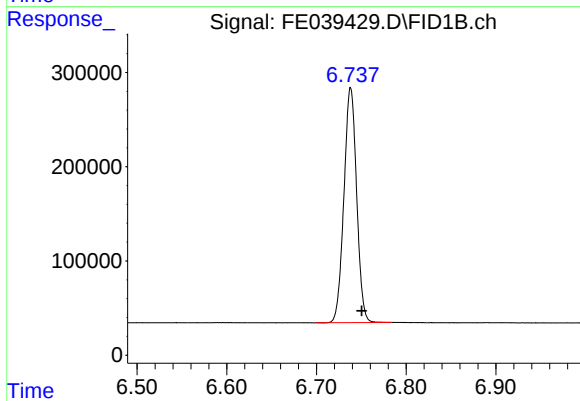
#2 n-Decane (C10)

R.T.: 4.575 min  
Delta R.T.: -0.011 min  
Response: 2425330  
Conc: 19.03 ug/ml



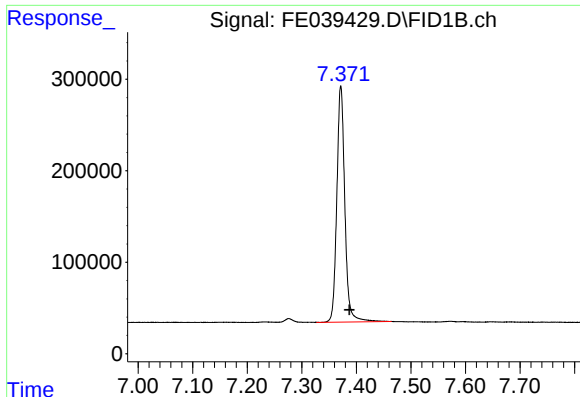
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min  
Delta R.T.: -0.013 min  
Response: 2807111  
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

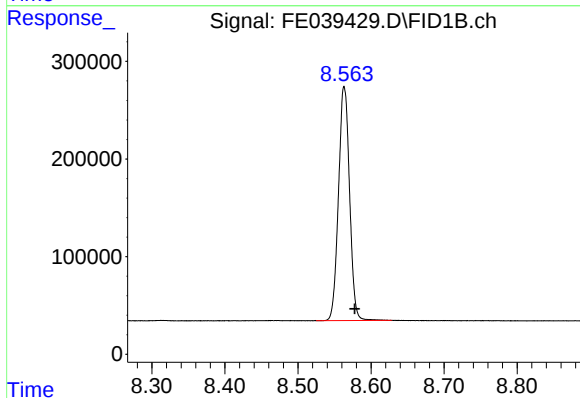
R.T.: 6.738 min  
Delta R.T.: -0.012 min  
Response: 2454041  
Conc: 18.90 ug/ml



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

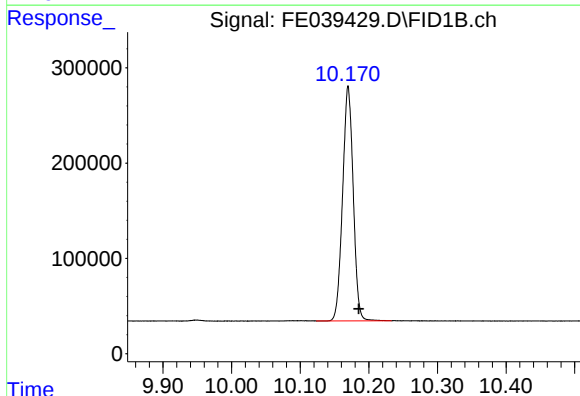
R.T.: 7.372 min  
Delta R.T.: -0.015 min  
Response: 2637028  
Conc: 19.47 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



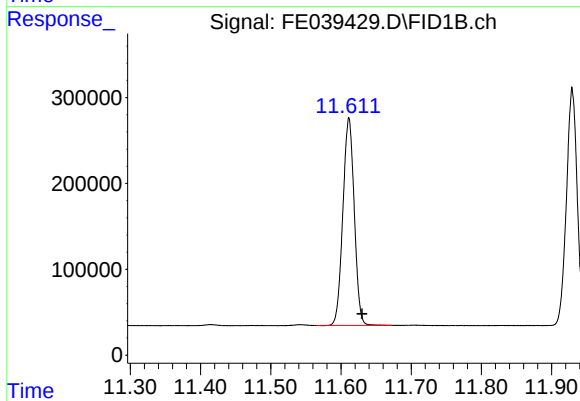
#6 n-Tetradecane (C14)

R.T.: 8.563 min  
Delta R.T.: -0.015 min  
Response: 2523981  
Conc: 19.05 ug/ml



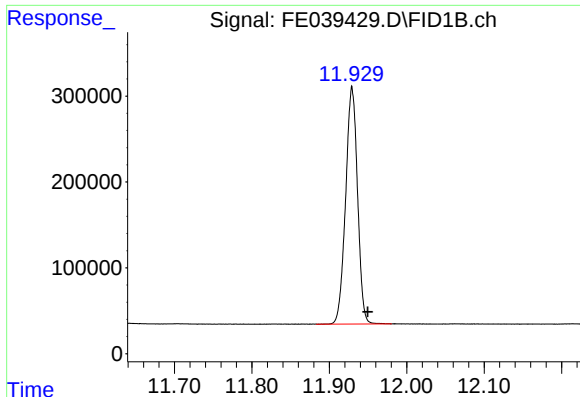
#7 n-Hexadecane (C16)

R.T.: 10.170 min  
Delta R.T.: -0.015 min  
Response: 2646210  
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

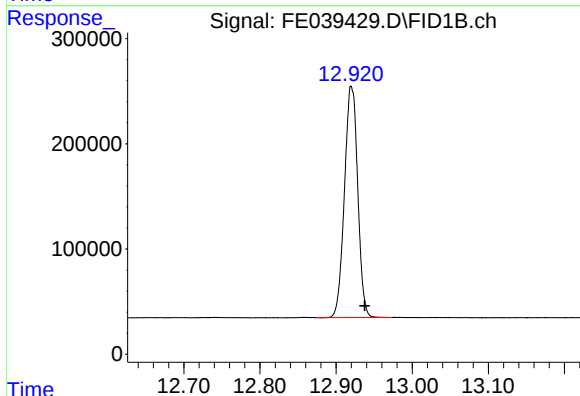
R.T.: 11.611 min  
Delta R.T.: -0.019 min  
Response: 2721024  
Conc: 19.43 ug/ml



#9 ortho-Terphenyl (SURR)

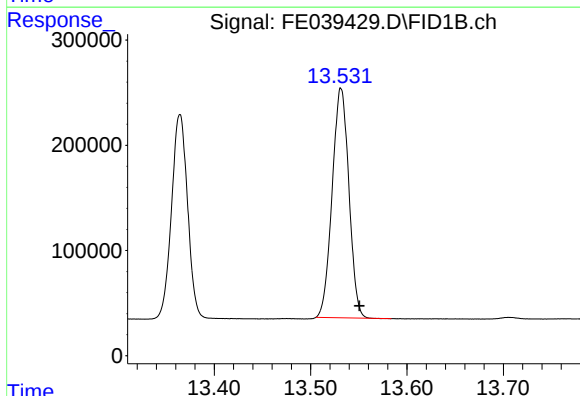
R.T.: 11.929 min  
Delta R.T.: -0.020 min  
Response: 2944868  
Conc: 19.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



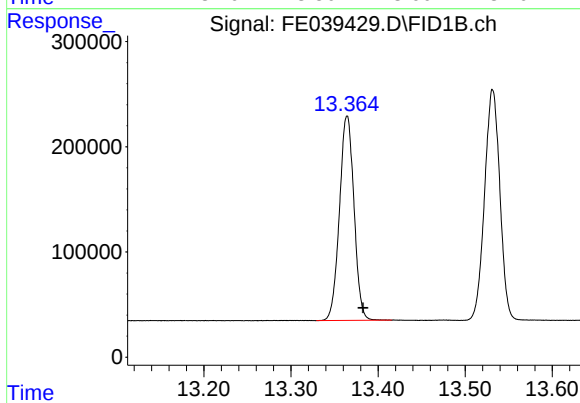
#10 n-Eicosane (C20)

R.T.: 12.920 min  
Delta R.T.: -0.017 min  
Response: 2666869  
Conc: 19.54 ug/ml



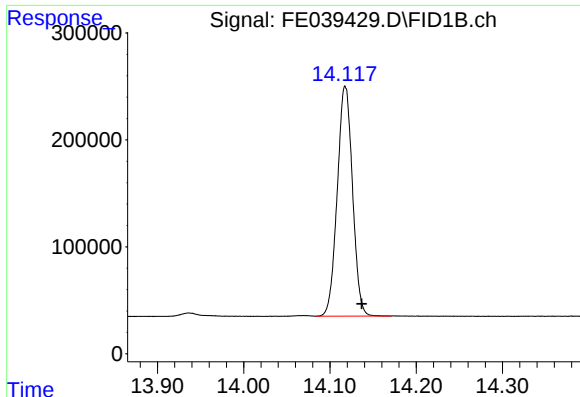
#11 n-Heneicosane (C21)

R.T.: 13.532 min  
Delta R.T.: -0.019 min  
Response: 2639673  
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

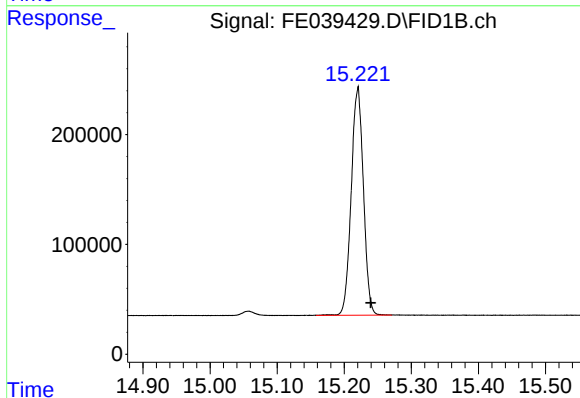
R.T.: 13.364 min  
Delta R.T.: -0.018 min  
Response: 2255091  
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

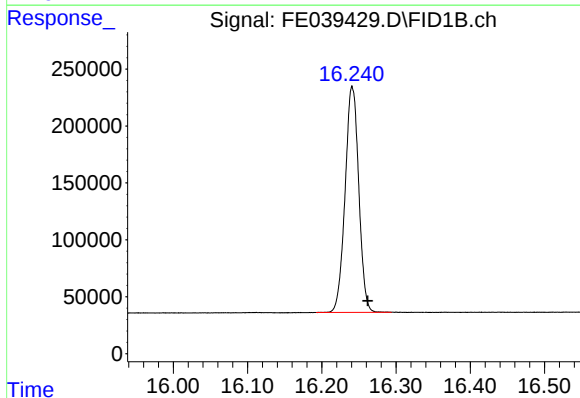
R.T.: 14.118 min  
Delta R.T.: -0.019 min  
Response: 2642929  
Conc: 19.54 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



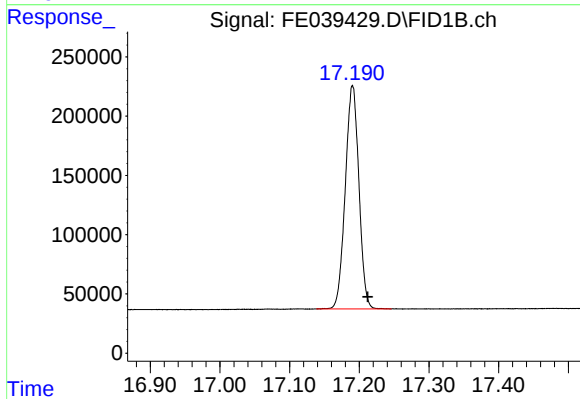
#14 n-Tetracosane (C24)

R.T.: 15.220 min  
Delta R.T.: -0.019 min  
Response: 2616566  
Conc: 19.49 ug/ml



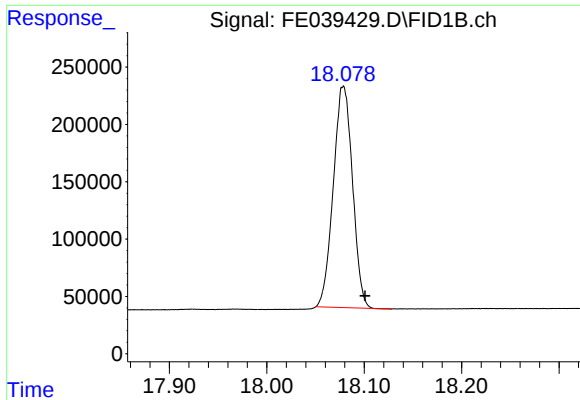
#15 n-Hexacosane (C26)

R.T.: 16.241 min  
Delta R.T.: -0.021 min  
Response: 2536485  
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

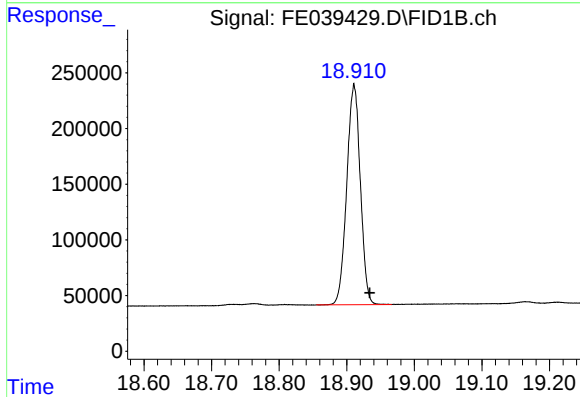
R.T.: 17.190 min  
Delta R.T.: -0.022 min  
Response: 2559401  
Conc: 19.89 ug/ml



#17 n-Tricontane (C30)

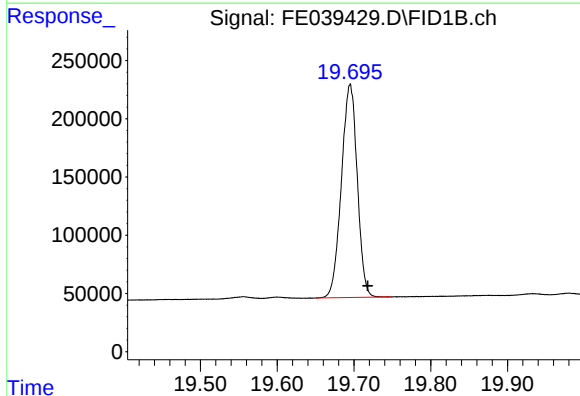
R.T.: 18.078 min  
Delta R.T.: -0.023 min  
Response: 2647082  
Conc: 20.56 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



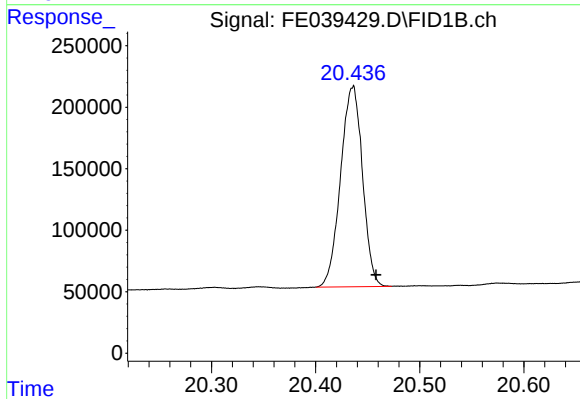
#18 n-Dotriacontane (C32)

R.T.: 18.911 min  
Delta R.T.: -0.023 min  
Response: 2762907  
Conc: 21.34 ug/ml



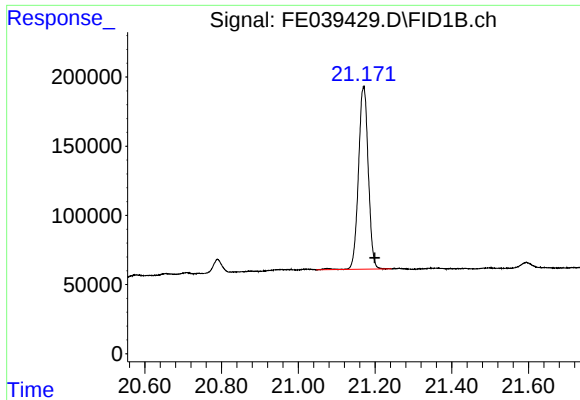
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min  
Delta R.T.: -0.023 min  
Response: 2626739  
Conc: 20.82 ug/ml



#20 n-Hexatriacontane (C36)

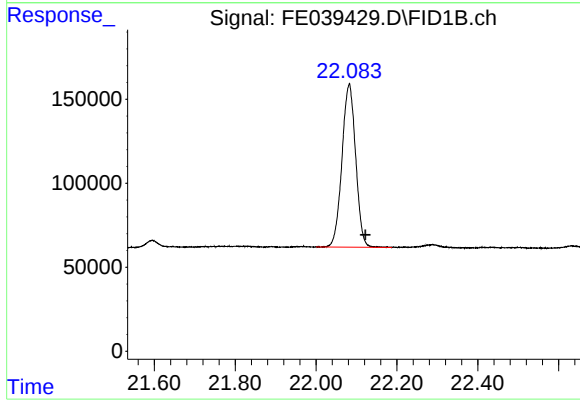
R.T.: 20.436 min  
Delta R.T.: -0.022 min  
Response: 2381311  
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min  
Delta R.T.: -0.029 min  
Response: 2344510  
Conc: 18.98 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.082 min  
Delta R.T.: -0.040 min  
Response: 2279818  
Conc: 18.15 ug/ml