

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122022AL\  
 Data File : FE039426.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Dec 2022 02:30  
 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 03:12:17 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 | 2972058    | 19.916 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.83%       |
| 12) S 1-chlorooctadecane (S... | 13.365 | 2287968    | 19.878 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.76%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.326  | 2441897    | 18.892 ug/ml |
| 2) T n-Decane (C10)            | 4.575  | 2455855    | 19.274 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.278  | 2843521    | 19.670 ug/ml |
| 4) T n-Dodecane (C12)          | 6.739  | 2491091    | 19.188 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.372  | 2682510    | 19.807 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.564  | 2561943    | 19.334 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.170 | 2684941    | 19.516 ug/ml |
| 8) T n-Octadecane (C18)        | 11.612 | 2761618    | 19.717 ug/ml |
| 10) T n-Eicosane (C20)         | 12.921 | 2704058    | 19.809 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.533 | 2686846    | 19.700 ug/ml |
| 13) T n-Docosane (C22)         | 14.119 | 2680678    | 19.817 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.220 | 2686122    | 20.010 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.241 | 2570690    | 19.743 ug/ml |
| 16) T n-Octacosane (C28)       | 17.191 | 2585760    | 20.091 ug/ml |
| 17) T n-Tricontane (C30)       | 18.078 | 2668787    | 20.729 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.911 | 2799948    | 21.621 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.695 | 2666485    | 21.135 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.435 | 2433792    | 20.128 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.171 | 2379486    | 19.267 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.082 | 2333240    | 18.579 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

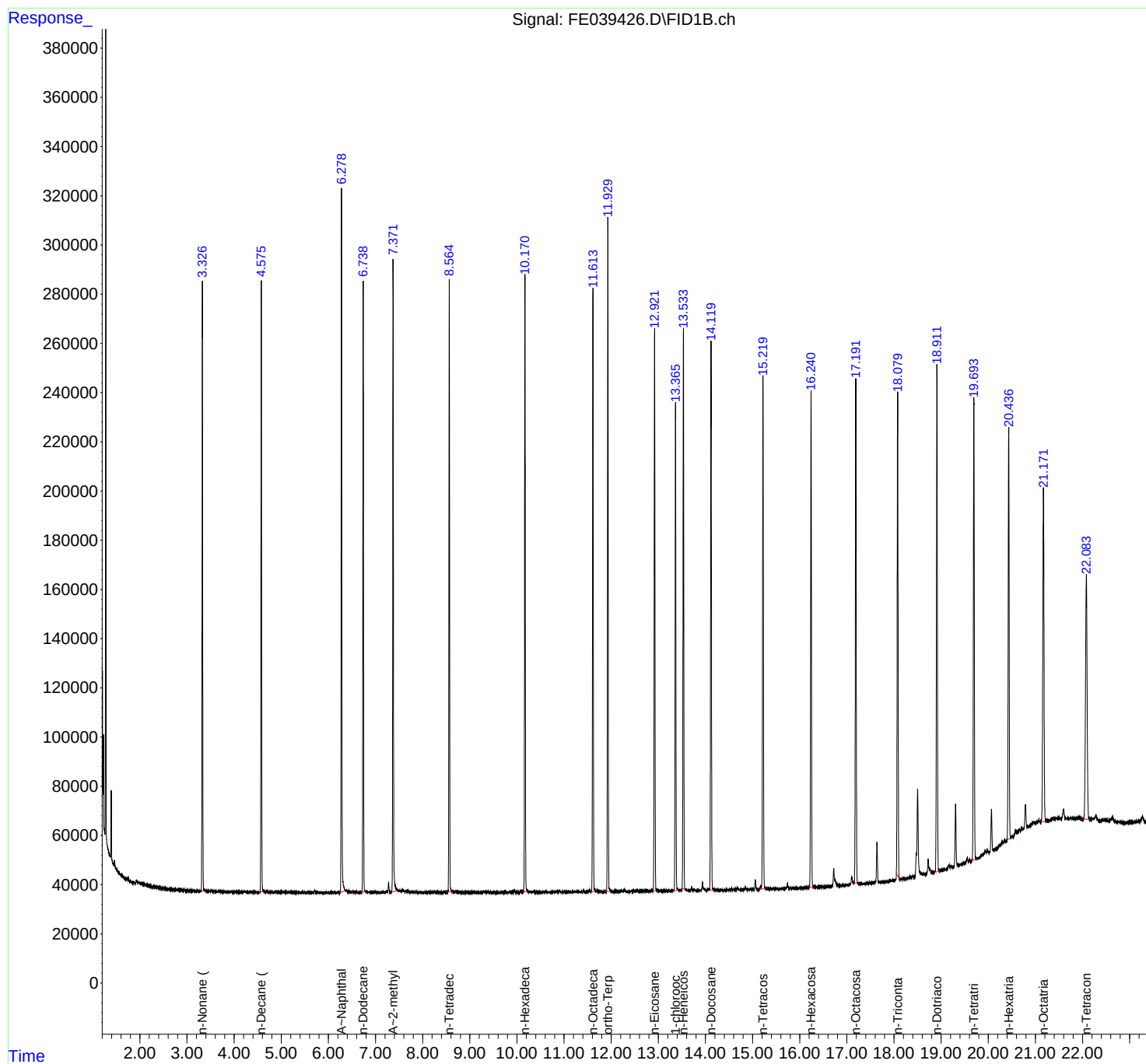
(m)=manual int.

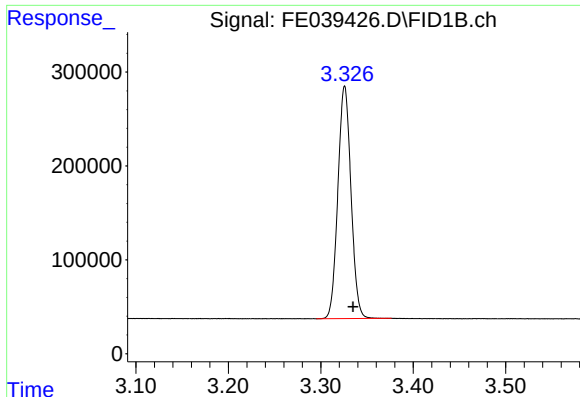
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122022AL\  
Data File : FE039426.D  
Signal(s) : FID1B.ch  
Acq On : 21 Dec 2022 02:30  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Integration File: autoint1.e  
Quant Time: Dec 21 03:12:17 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  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

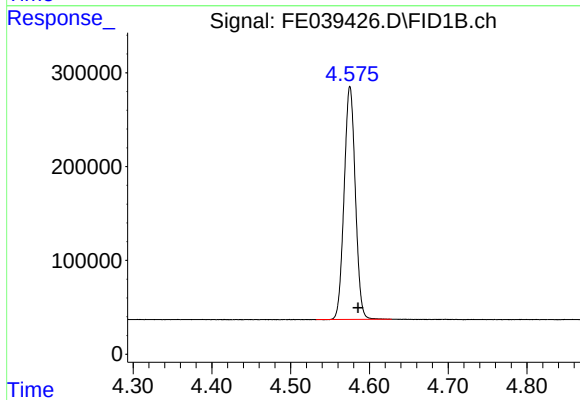




#1 n-Nonane (C9)

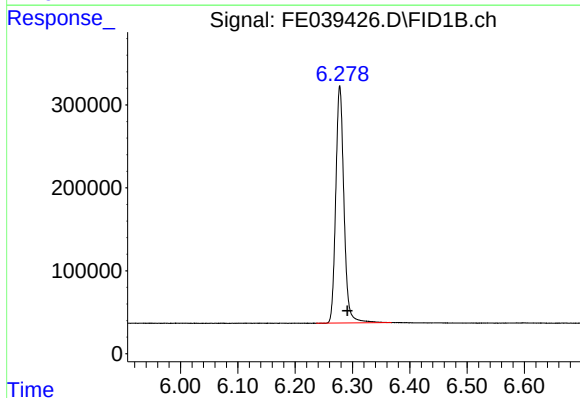
R.T.: 3.326 min  
Delta R.T.: -0.009 min  
Response: 2441897  
Conc: 18.89 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



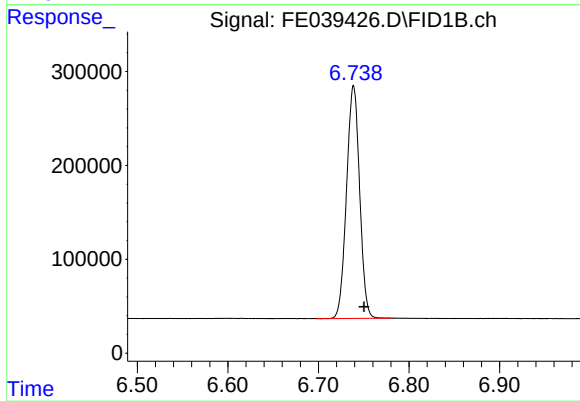
#2 n-Decane (C10)

R.T.: 4.575 min  
Delta R.T.: -0.010 min  
Response: 2455855  
Conc: 19.27 ug/ml



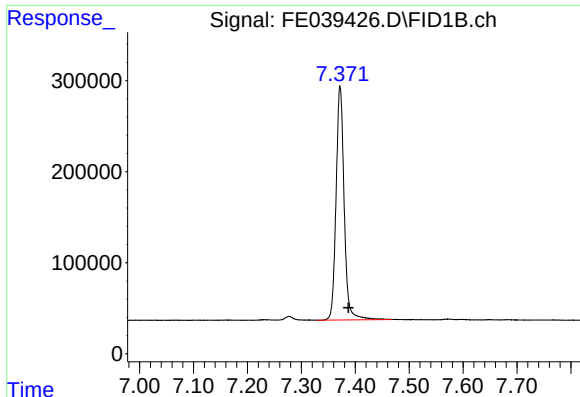
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min  
Delta R.T.: -0.013 min  
Response: 2843521  
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

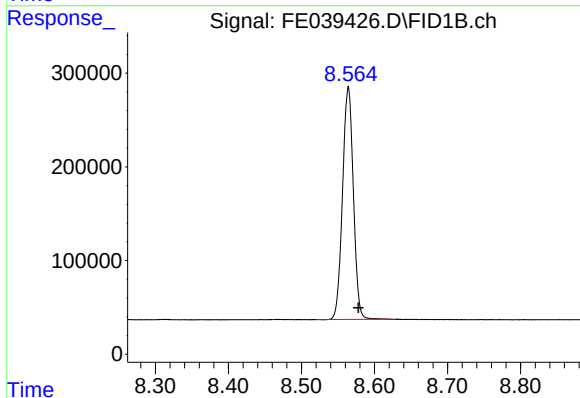
R.T.: 6.739 min  
Delta R.T.: -0.012 min  
Response: 2491091  
Conc: 19.19 ug/ml



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

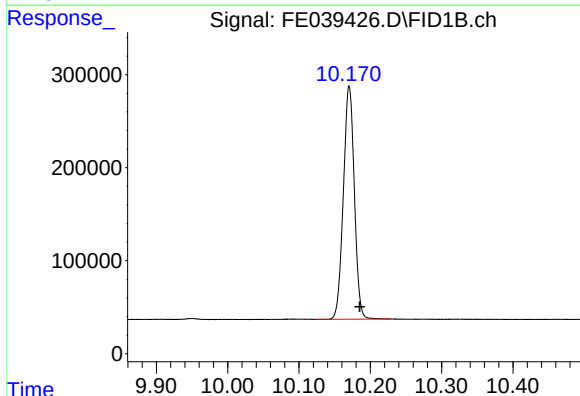
R.T.: 7.372 min  
Delta R.T.: -0.015 min  
Response: 2682510  
Conc: 19.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



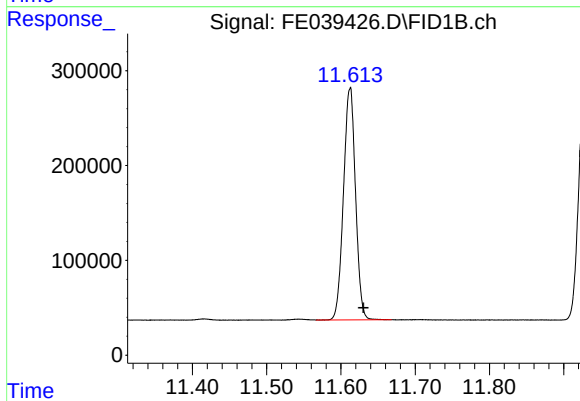
#6 n-Tetradecane (C14)

R.T.: 8.564 min  
Delta R.T.: -0.014 min  
Response: 2561943  
Conc: 19.33 ug/ml



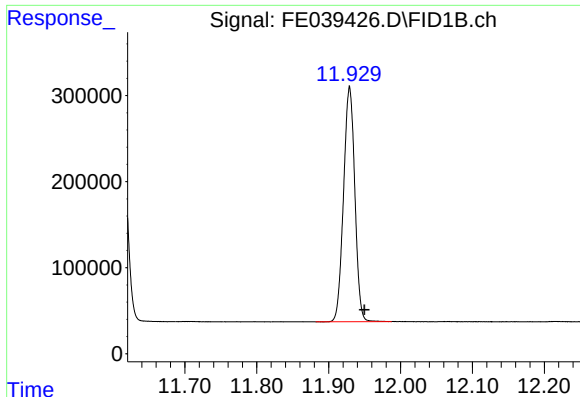
#7 n-Hexadecane (C16)

R.T.: 10.170 min  
Delta R.T.: -0.015 min  
Response: 2684941  
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

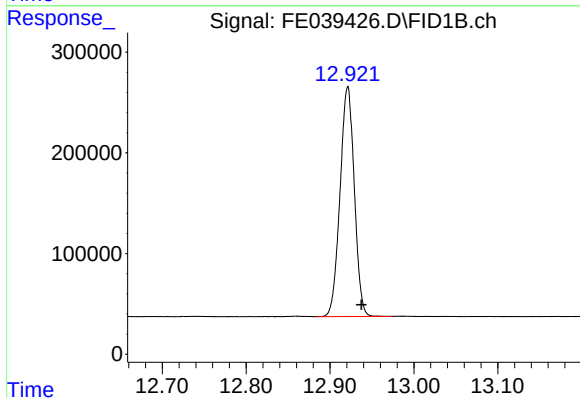
R.T.: 11.612 min  
Delta R.T.: -0.018 min  
Response: 2761618  
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

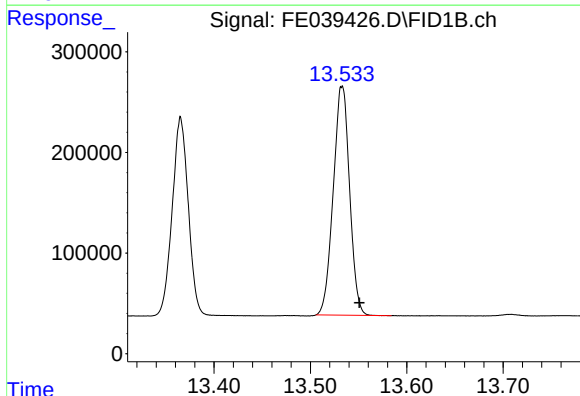
R.T.: 11.929 min  
Delta R.T.: -0.021 min  
Response: 2972058  
Conc: 19.92 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



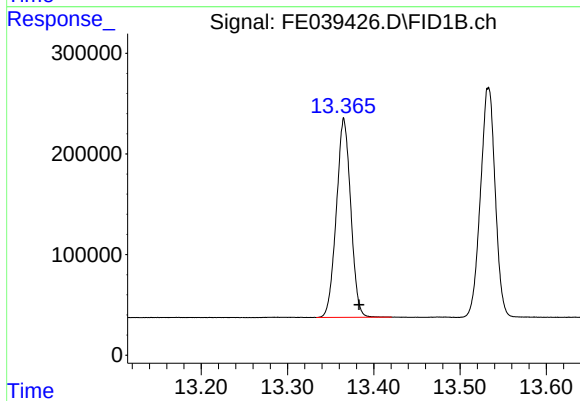
#10 n-Eicosane (C20)

R.T.: 12.921 min  
Delta R.T.: -0.016 min  
Response: 2704058  
Conc: 19.81 ug/ml



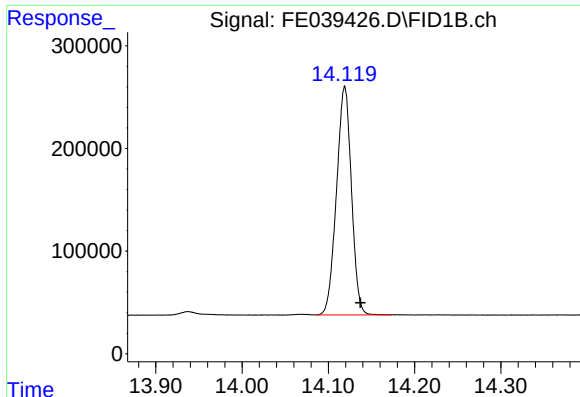
#11 n-Heneicosane (C21)

R.T.: 13.533 min  
Delta R.T.: -0.018 min  
Response: 2686846  
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

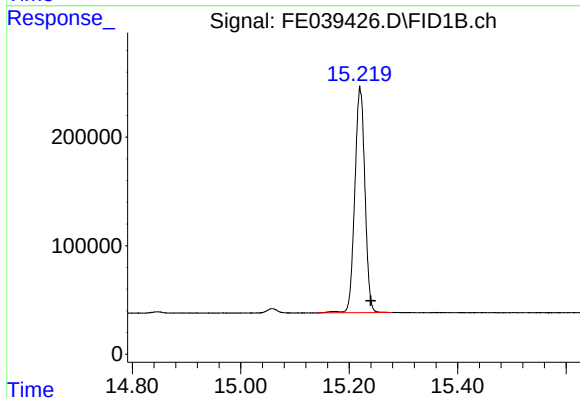
R.T.: 13.365 min  
Delta R.T.: -0.018 min  
Response: 2287968  
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

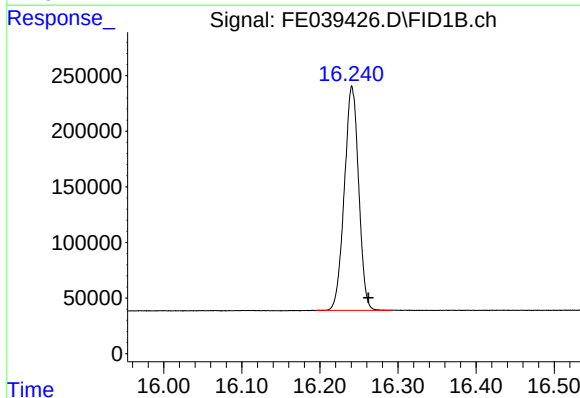
R.T.: 14.119 min  
Delta R.T.: -0.018 min  
Response: 2680678  
Conc: 19.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



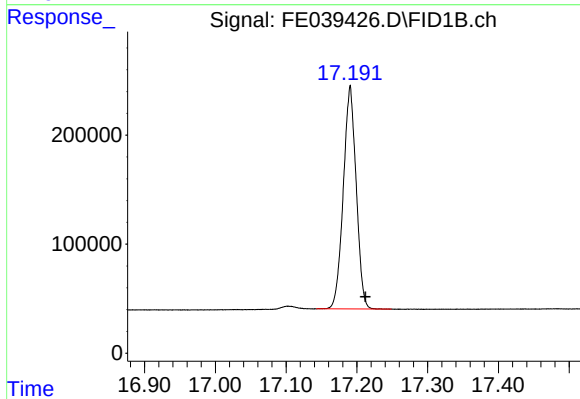
#14 n-Tetracosane (C24)

R.T.: 15.220 min  
Delta R.T.: -0.019 min  
Response: 2686122  
Conc: 20.01 ug/ml



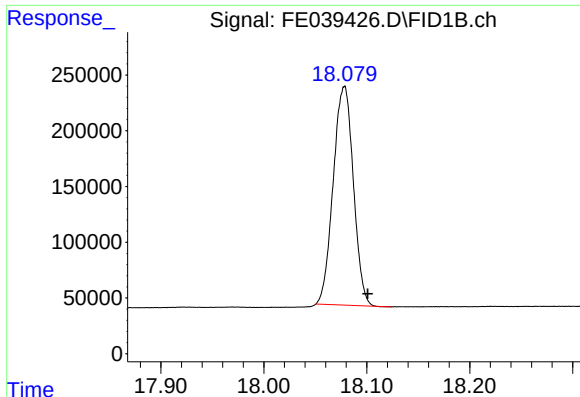
#15 n-Hexacosane (C26)

R.T.: 16.241 min  
Delta R.T.: -0.021 min  
Response: 2570690  
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

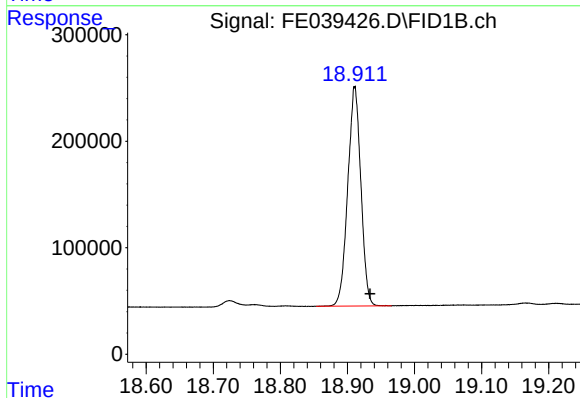
R.T.: 17.191 min  
Delta R.T.: -0.022 min  
Response: 2585760  
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

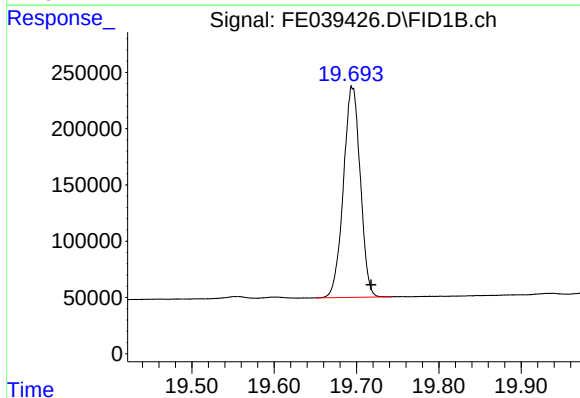
R.T.: 18.078 min  
Delta R.T.: -0.023 min  
Response: 2668787  
Conc: 20.73 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



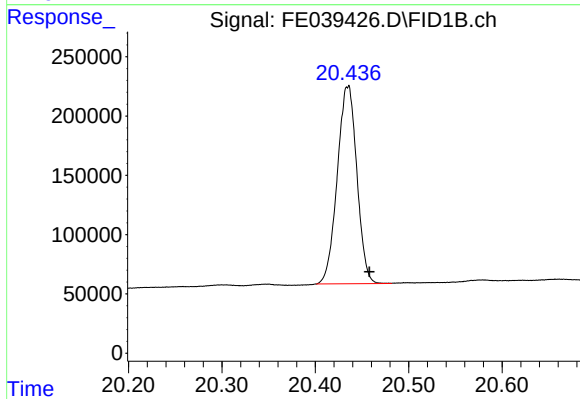
#18 n-Dotriacontane (C32)

R.T.: 18.911 min  
Delta R.T.: -0.023 min  
Response: 2799948  
Conc: 21.62 ug/ml



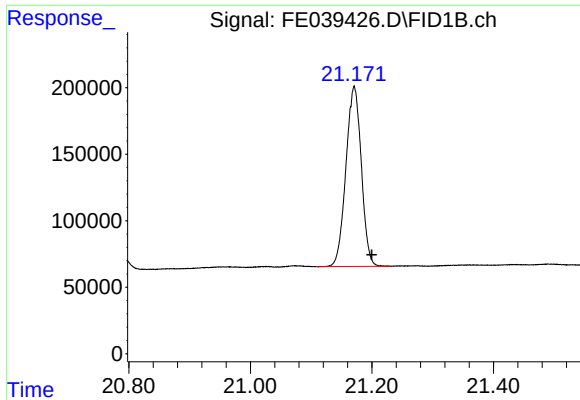
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min  
Delta R.T.: -0.023 min  
Response: 2666485  
Conc: 21.14 ug/ml



#20 n-Hexatriacontane (C36)

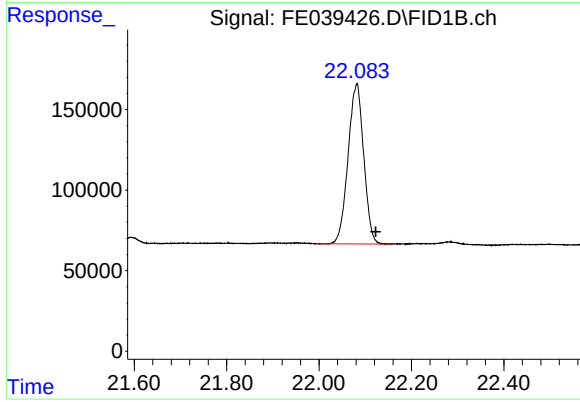
R.T.: 20.435 min  
Delta R.T.: -0.023 min  
Response: 2433792  
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min  
Delta R.T.: -0.029 min  
Response: 2379486  
Conc: 19.27 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.082 min  
Delta R.T.: -0.040 min  
Response: 2333240  
Conc: 18.58 ug/ml