

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121922AL\  
 Data File : FE039374.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Dec 2022 10:00  
 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 19 14:15:00 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)    | 11.938 | 3107276    | 20.822 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.64%       |
| 12) S 1-chlorooctadecane (S... | 13.373 | 2361323    | 20.516 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.03%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.329  | 2565277    | 19.846 ug/ml |
| 2) T n-Decane (C10)            | 4.580  | 2580677    | 20.253 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.284  | 2970925    | 20.552 ug/ml |
| 4) T n-Dodecane (C12)          | 6.744  | 2619681    | 20.179 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.379  | 2803889    | 20.703 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.570  | 2686459    | 20.273 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.176 | 2804205    | 20.383 ug/ml |
| 8) T n-Octadecane (C18)        | 11.619 | 2878632    | 20.553 ug/ml |
| 10) T n-Eicosane (C20)         | 12.928 | 2812105    | 20.600 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.539 | 2817485    | 20.657 ug/ml |
| 13) T n-Docosane (C22)         | 14.127 | 2785554    | 20.592 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.230 | 2738613    | 20.401 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.250 | 2663786    | 20.458 ug/ml |
| 16) T n-Octacosane (C28)       | 17.200 | 2678628    | 20.813 ug/ml |
| 17) T n-Tricontane (C30)       | 18.088 | 2761866    | 21.451 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.922 | 2836551    | 21.904 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.704 | 2689317    | 21.316 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.448 | 2529782    | 20.922 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.185 | 2426715    | 19.650 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.101 | 2309332    | 18.389 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

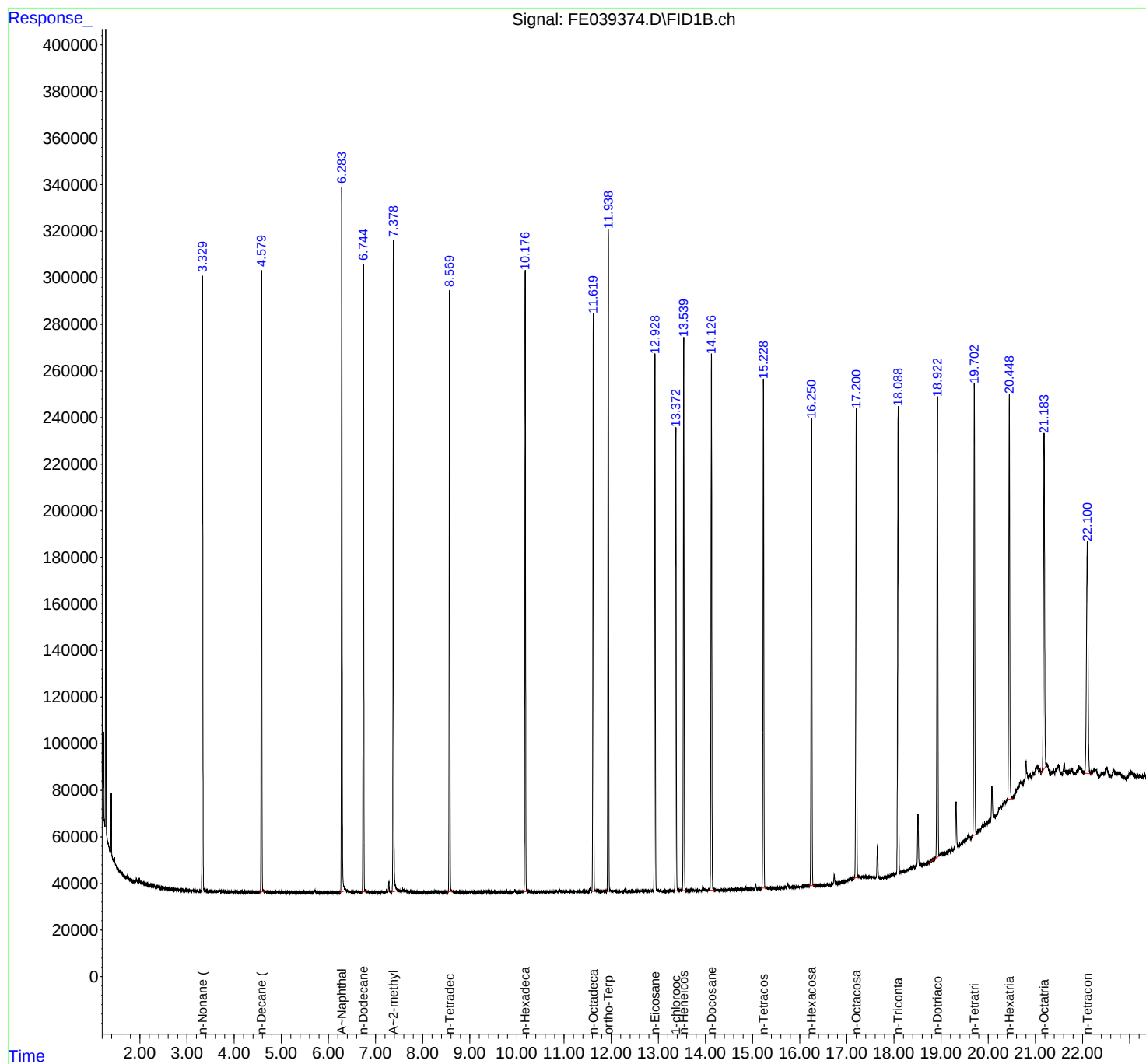
(m)=manual int.

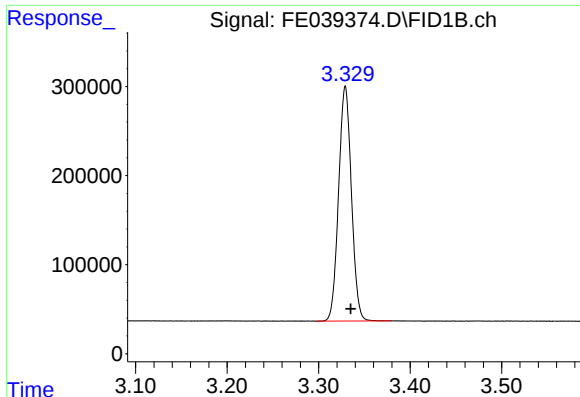
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121922AL\  
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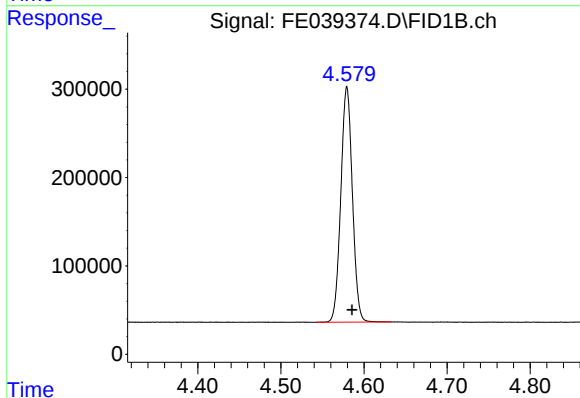




#1 n-Nonane (C9)

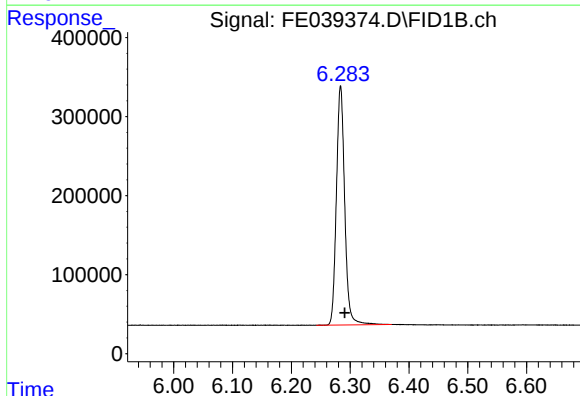
R.T.: 3.329 min  
Delta R.T.: -0.006 min  
Response: 2565277  
Conc: 19.85 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



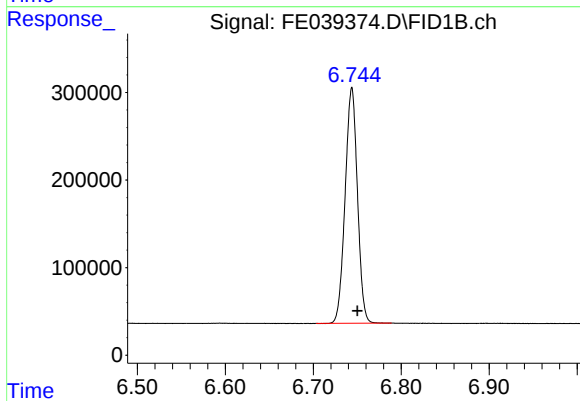
#2 n-Decane (C10)

R.T.: 4.580 min  
Delta R.T.: -0.006 min  
Response: 2580677  
Conc: 20.25 ug/ml



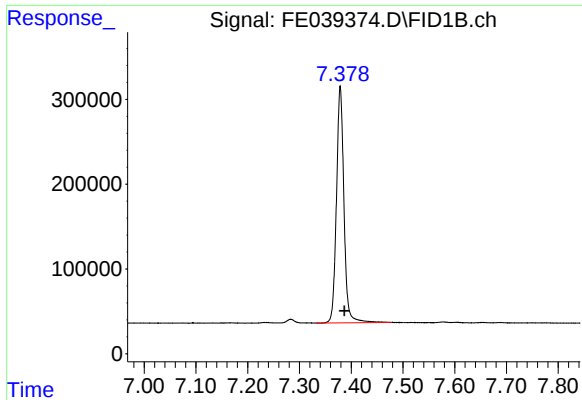
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min  
Delta R.T.: -0.007 min  
Response: 2970925  
Conc: 20.55 ug/ml



#4 n-Dodecane (C12)

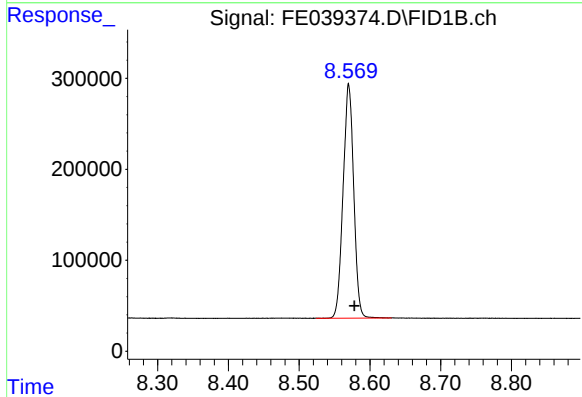
R.T.: 6.744 min  
Delta R.T.: -0.007 min  
Response: 2619681  
Conc: 20.18 ug/ml



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

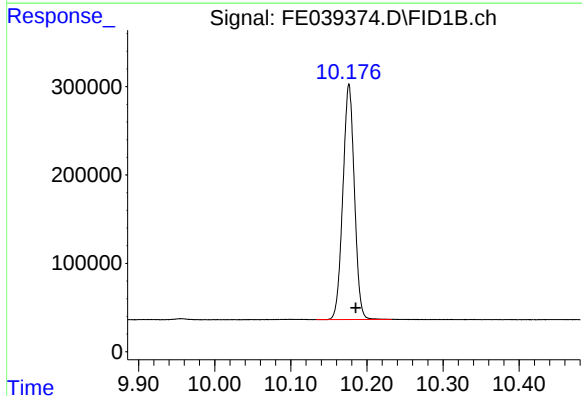
R.T.: 7.379 min  
Delta R.T.: -0.008 min  
Response: 2803889  
Conc: 20.70 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



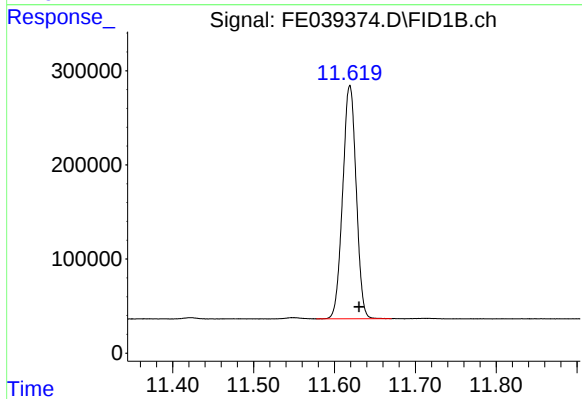
#6 n-Tetradecane (C14)

R.T.: 8.570 min  
Delta R.T.: -0.008 min  
Response: 2686459  
Conc: 20.27 ug/ml



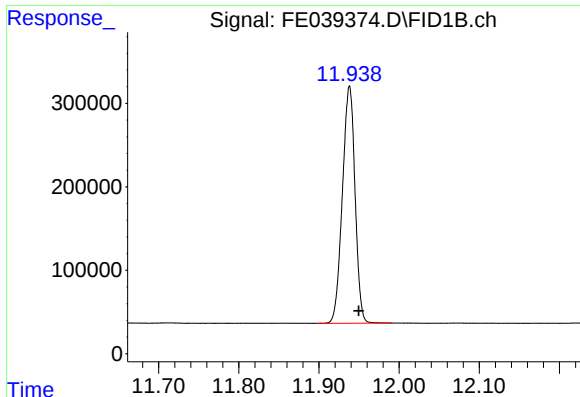
#7 n-Hexadecane (C16)

R.T.: 10.176 min  
Delta R.T.: -0.009 min  
Response: 2804205  
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

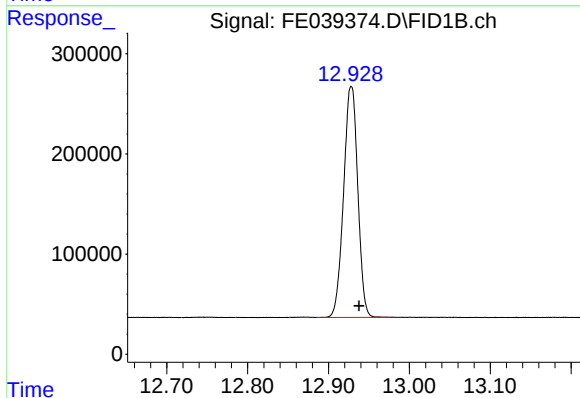
R.T.: 11.619 min  
Delta R.T.: -0.011 min  
Response: 2878632  
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

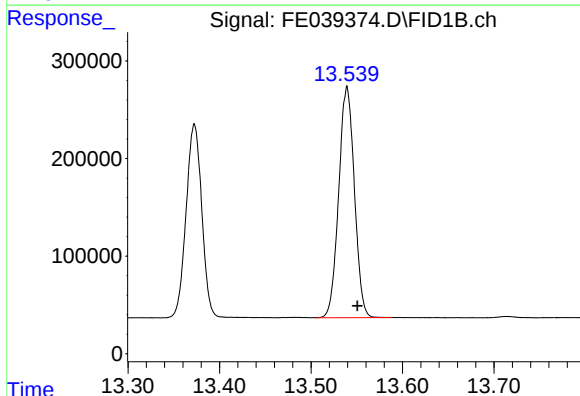
R.T.: 11.938 min  
Delta R.T.: -0.012 min  
Response: 3107276  
Conc: 20.82 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



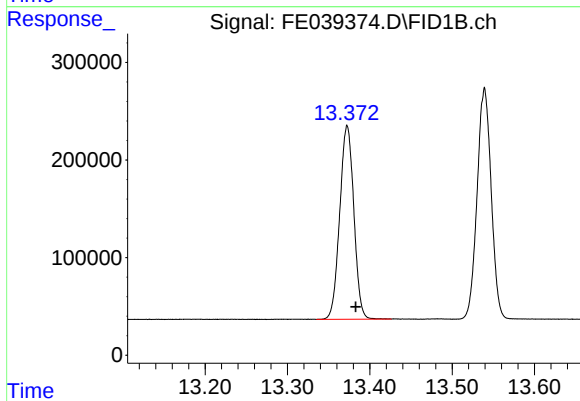
#10 n-Eicosane (C20)

R.T.: 12.928 min  
Delta R.T.: -0.009 min  
Response: 2812105  
Conc: 20.60 ug/ml



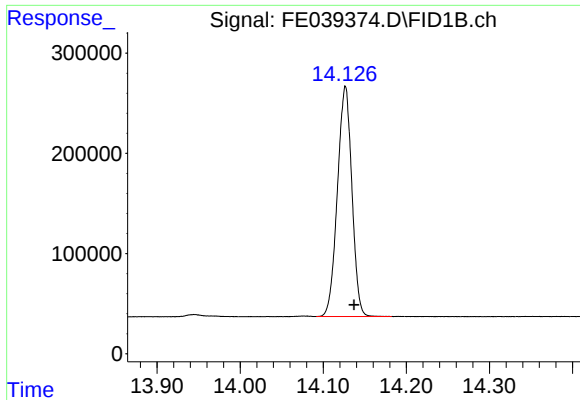
#11 n-Heneicosane (C21)

R.T.: 13.539 min  
Delta R.T.: -0.011 min  
Response: 2817485  
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

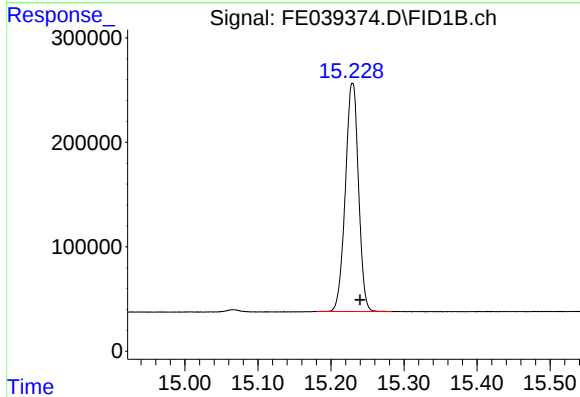
R.T.: 13.373 min  
Delta R.T.: -0.010 min  
Response: 2361323  
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

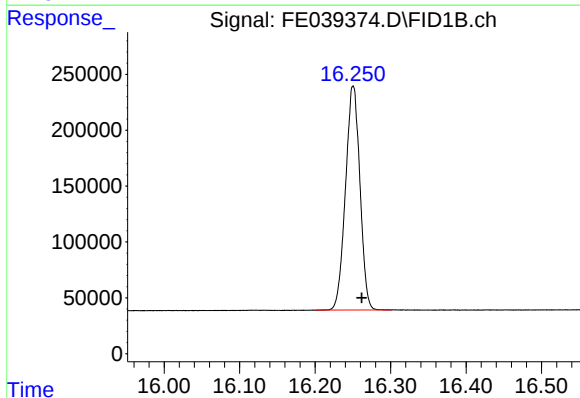
R.T.: 14.127 min  
Delta R.T.: -0.010 min  
Response: 2785554  
Conc: 20.59 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



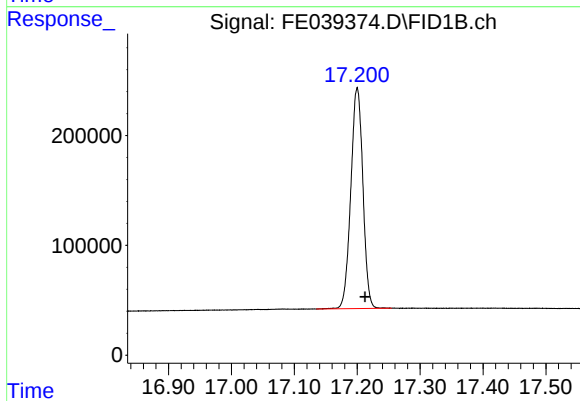
#14 n-Tetracosane (C24)

R.T.: 15.230 min  
Delta R.T.: -0.010 min  
Response: 2738613  
Conc: 20.40 ug/ml



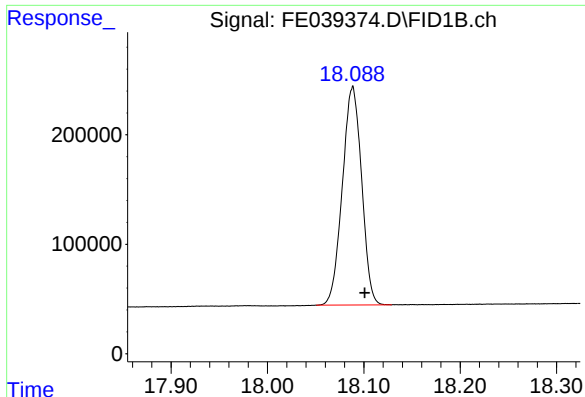
#15 n-Hexacosane (C26)

R.T.: 16.250 min  
Delta R.T.: -0.012 min  
Response: 2663786  
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

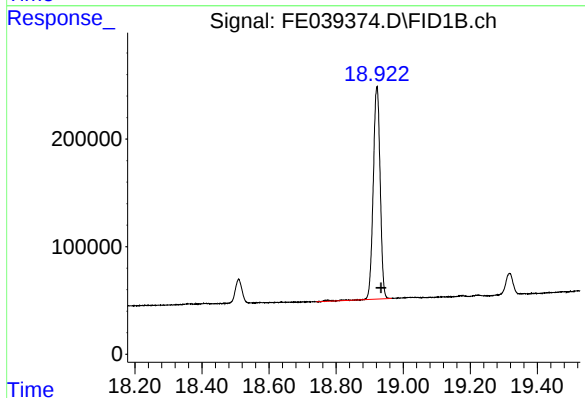
R.T.: 17.200 min  
Delta R.T.: -0.012 min  
Response: 2678628  
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

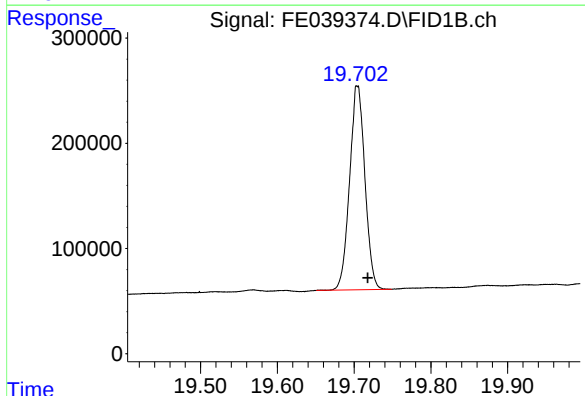
R.T.: 18.088 min  
Delta R.T.: -0.013 min  
Response: 2761866  
Conc: 21.45 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



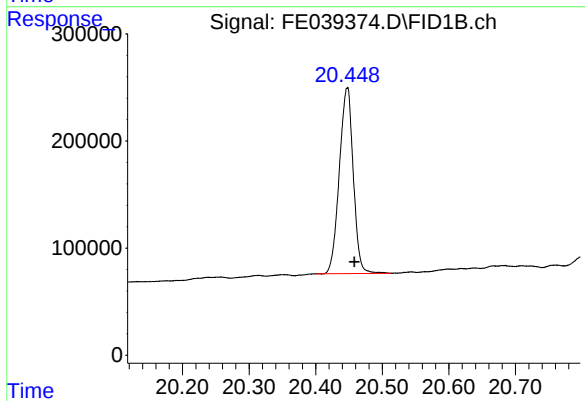
#18 n-Dotriacontane (C32)

R.T.: 18.922 min  
Delta R.T.: -0.012 min  
Response: 2836551  
Conc: 21.90 ug/ml



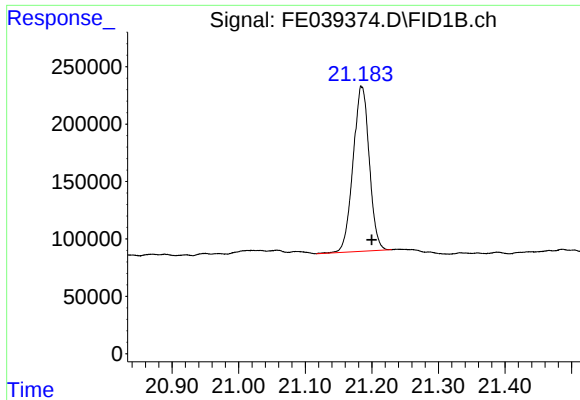
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min  
Delta R.T.: -0.014 min  
Response: 2689317  
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

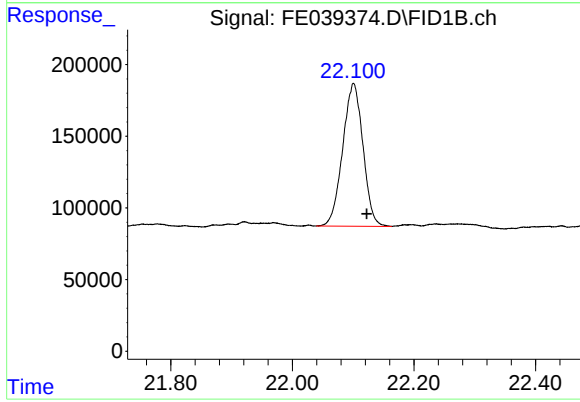
R.T.: 20.448 min  
Delta R.T.: -0.010 min  
Response: 2529782  
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min  
Delta R.T.: -0.015 min  
Response: 2426715  
Conc: 19.65 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.101 min  
Delta R.T.: -0.022 min  
Response: 2309332  
Conc: 18.39 ug/ml