

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090325AR\
 Data File : FD049718.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 18:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 01 02:48:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

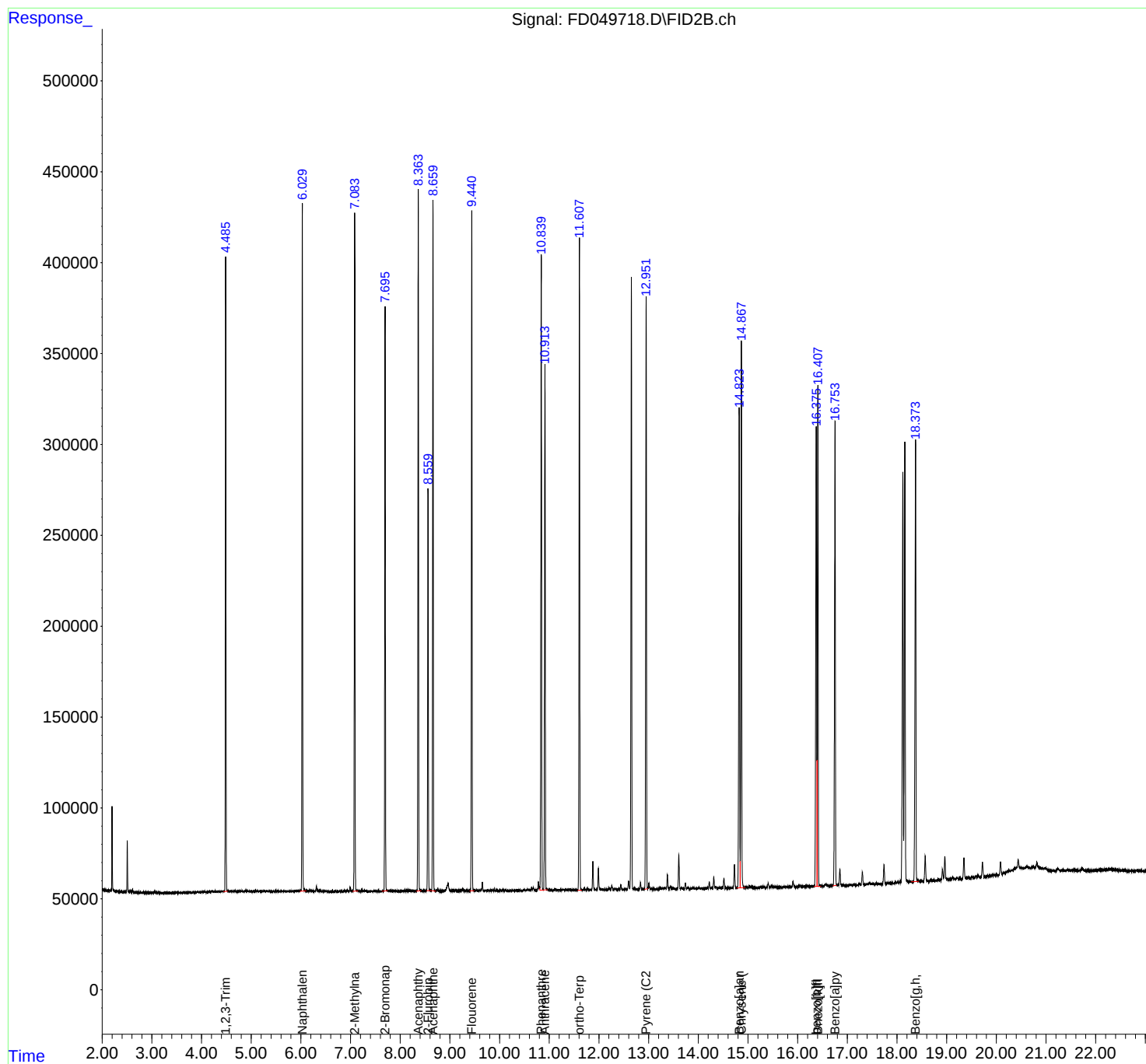
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.695	3023142	29.498 ug/ml
Spiked Amount 50.000		Recovery =	59.00%
6) S 2-Fluorobiphenyl (SURR)	8.559	2151529	29.455 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.91%
11) S ortho-Terphenyl (SURR)	11.607	3796994	29.254 ug/ml
Spiked Amount 50.000		Recovery =	58.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	2972692	29.369 ug/ml
2) T Naphthalene (C11.7)	6.029	3406138	29.707 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	3525890	29.557 ug/ml
5) T Acenaphthylene (C15.06)	8.363	3680378	29.276 ug/ml
7) T Acenaphthene (C15.5)	8.659	3711634	29.519 ug/ml
8) T Flouorene (C16.55)	9.440	3703518	29.252 ug/ml
9) T Phenanthrene (C19.36)	10.839	3739948	28.952 ug/ml
10) T Anthracene (C19.43)	10.913	2997546	24.332 ug/ml
13) T Pyrene (C20.8)	12.951	3636167	28.639 ug/ml
14) T Benzo[a]anthracene (C...	14.823	3204662	27.771 ug/ml
15) T Chrysene (C27.41)	14.867	3346866	28.586 ug/ml
16) T benzo[b]fluoranthene ...	16.374	3328897	29.269 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	3099899	28.958 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.753	3127242	28.189 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	3202252	29.305 ug/ml

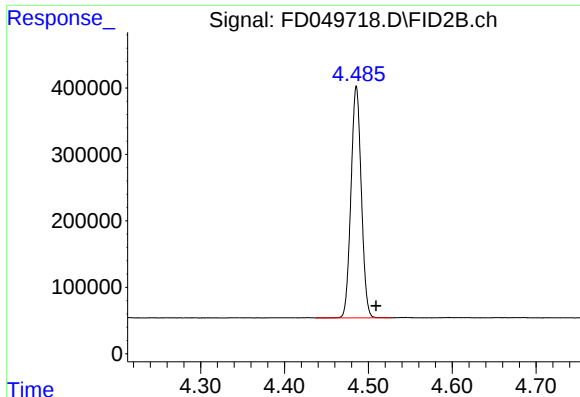
(f)=RT Delta > 1/2 Window

(m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090325AR\  
Data File : FD049718.D  
Signal(s) : FID2B.ch  
Acq On    : 03 Sep 2025  18:24  
Operator  : YP/AJ  
Sample    : 20 PPM AROMATIC HC STD  
Misc      :  
ALS Vial  : 52   Sample Multiplier: 1
```

Integration File: autoint1.e
Quant Time: Oct 01 02:48:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

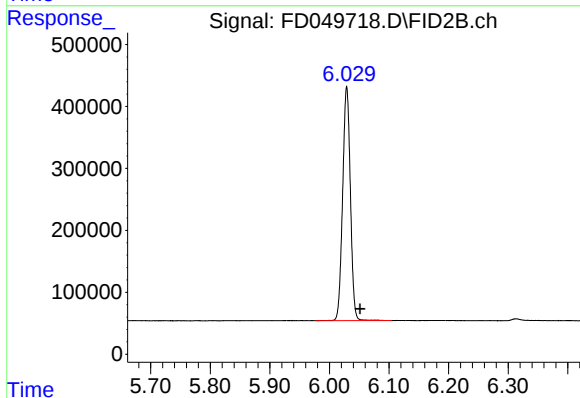




#1 1,2,3-Trimethylbenzene (C10.1)

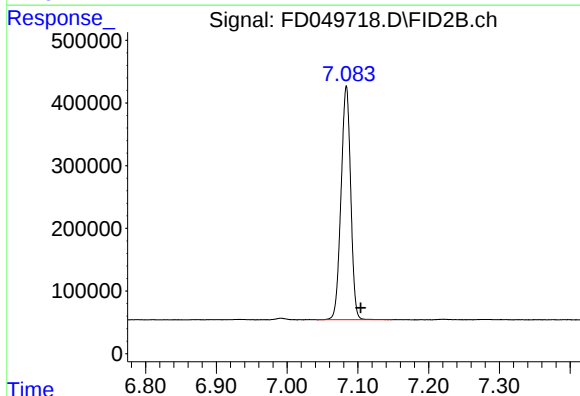
R.T.: 4.486 min
Delta R.T.: -0.023 min
Response: 2972692
Conc: 29.37 ug/ml

Instrument :
FID_G
ClientSampleId :



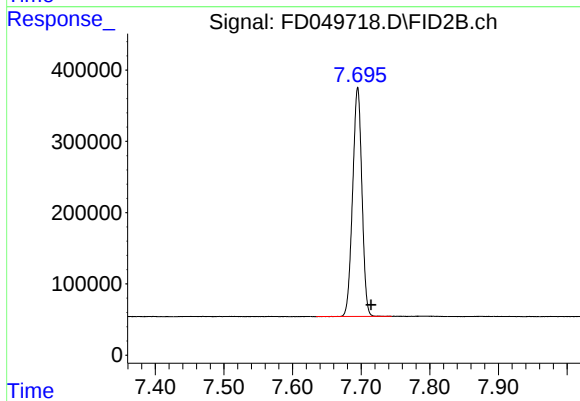
#2 Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: -0.022 min
Response: 3406138
Conc: 29.71 ug/ml



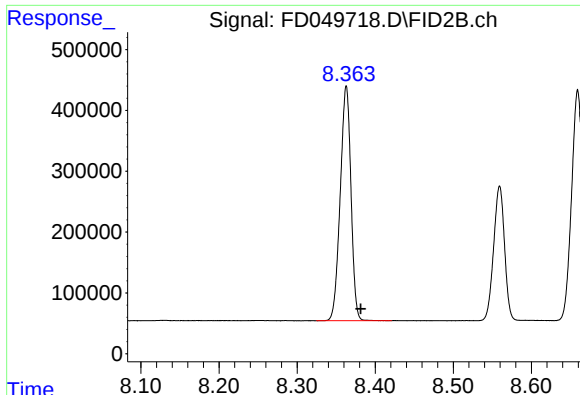
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.020 min
Response: 3525890
Conc: 29.56 ug/ml



#4 2-Bromonaphthalene (SURR)

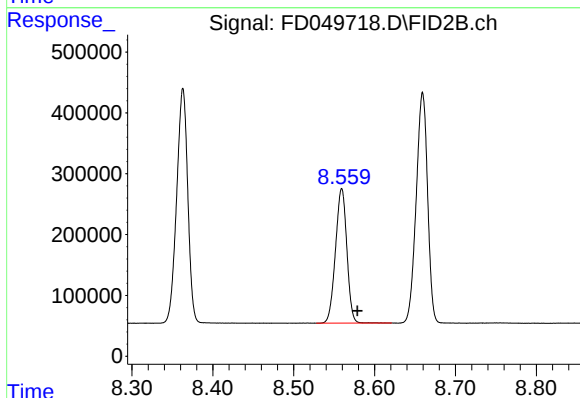
R.T.: 7.695 min
Delta R.T.: -0.020 min
Response: 3023142
Conc: 29.50 ug/ml



#5 Acenaphthylene (C15.06)

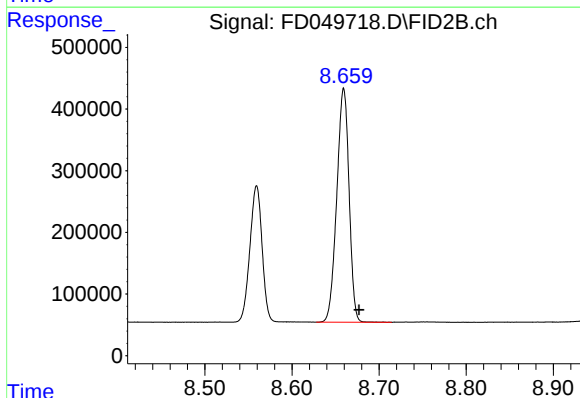
R.T.: 8.363 min
Delta R.T.: -0.019 min
Response: 3680378
Conc: 29.28 ug/ml

Instrument :
FID_G
ClientSampleId :



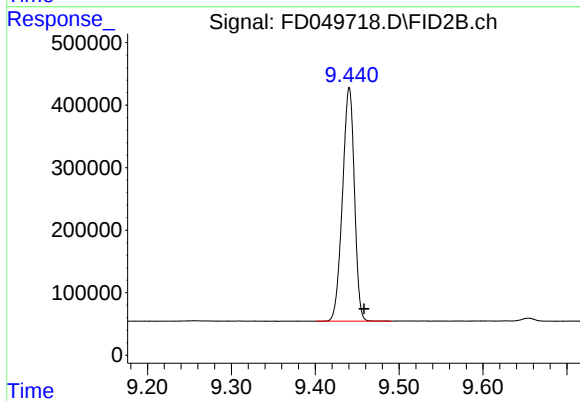
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 2151529
Conc: 29.45 ug/ml



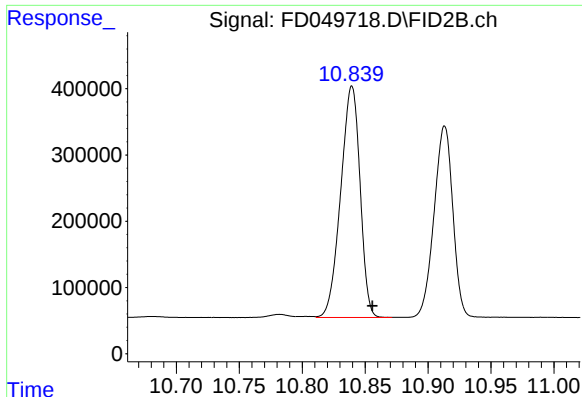
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.018 min
Response: 3711634
Conc: 29.52 ug/ml



#8 Fluorene (C16.55)

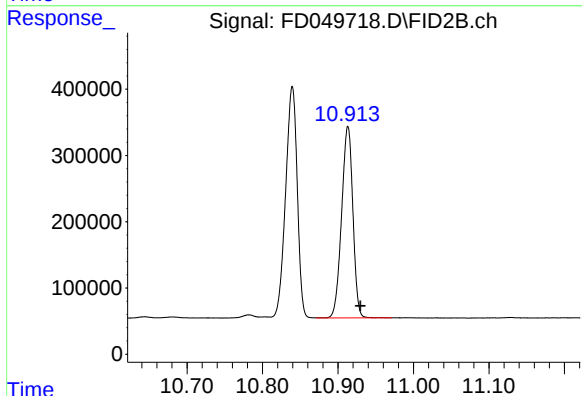
R.T.: 9.440 min
Delta R.T.: -0.018 min
Response: 3703518
Conc: 29.25 ug/ml



#9 Phenanthrene (C19.36)

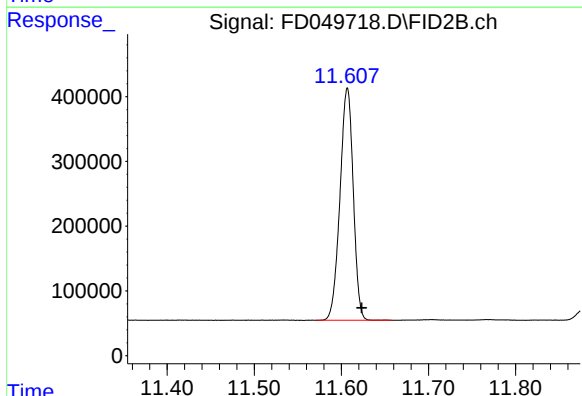
R.T.: 10.839 min
Delta R.T.: -0.016 min
Response: 3739948
Conc: 28.95 ug/ml

Instrument :
FID_G
ClientSampleId :



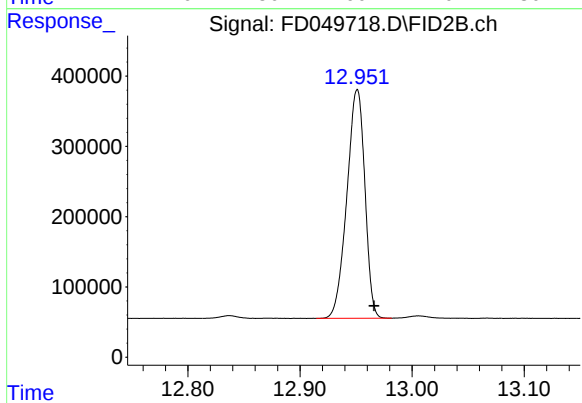
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.017 min
Response: 2997546
Conc: 24.33 ug/ml



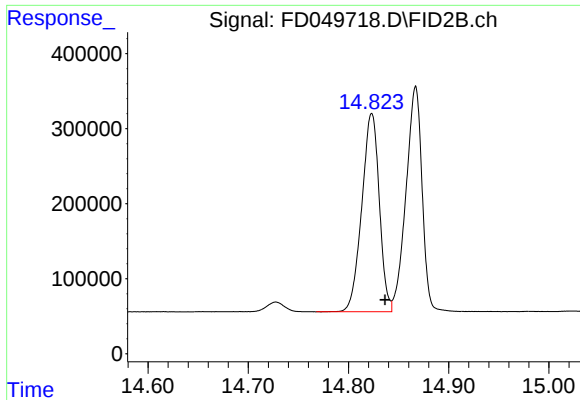
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.017 min
Response: 3796994
Conc: 29.25 ug/ml



#13 Pyrene (C20.8)

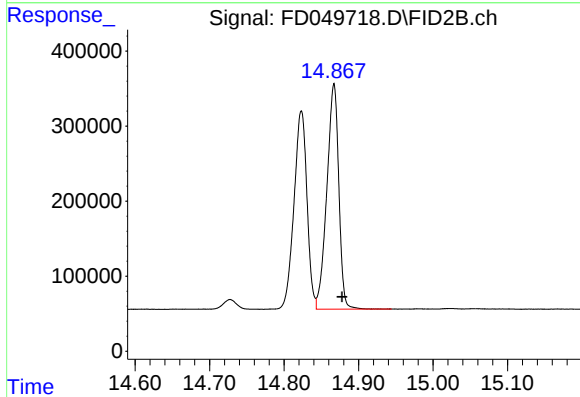
R.T.: 12.951 min
Delta R.T.: -0.015 min
Response: 3636167
Conc: 28.64 ug/ml



#14 Benzo[a]anthracene (C26.37)

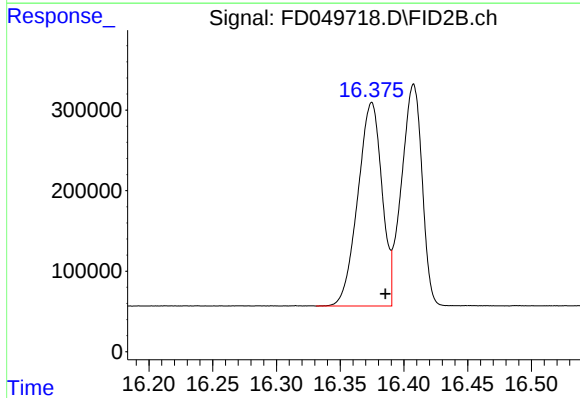
R.T.: 14.823 min
Delta R.T.: -0.013 min
Response: 3204662
Conc: 27.77 ug/ml

Instrument :
FID_G
ClientSampleId :



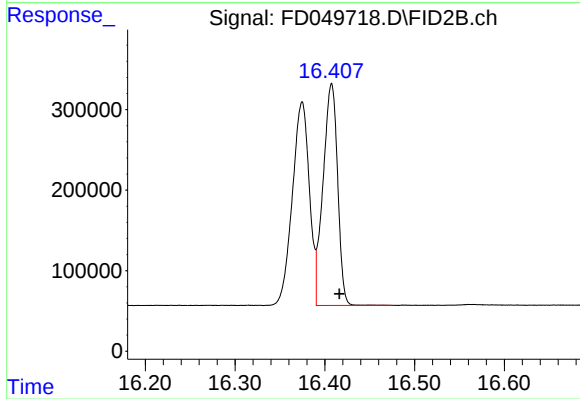
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: -0.011 min
Response: 3346866
Conc: 28.59 ug/ml



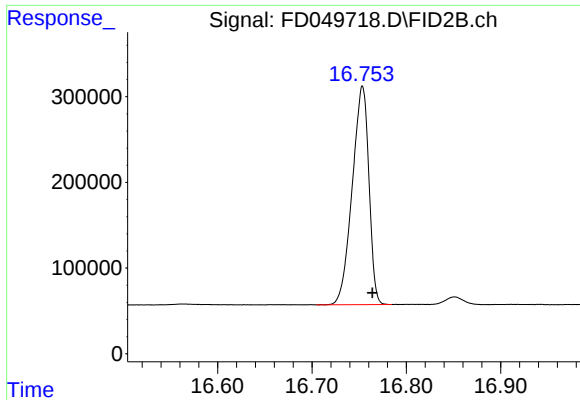
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.374 min
Delta R.T.: -0.011 min
Response: 3328897
Conc: 29.27 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

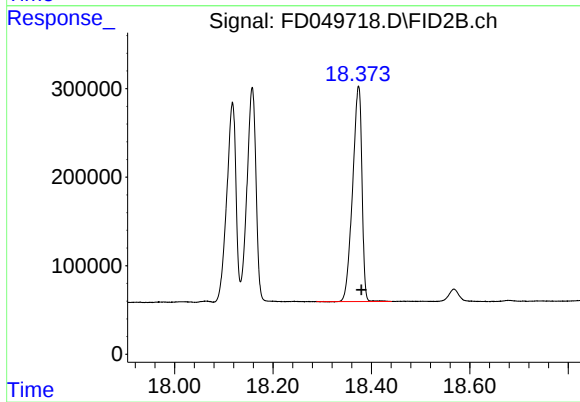
R.T.: 16.407 min
Delta R.T.: -0.009 min
Response: 3099899
Conc: 28.96 ug/ml



#18 Benzo[a]pyrene (C31.34)

R.T.: 16.753 min
Delta R.T.: -0.011 min
Response: 3127242
Conc: 28.19 ug/ml

Instrument :
FID_G
ClientSampleId :



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.373 min
Delta R.T.: -0.007 min
Response: 3202252
Conc: 29.30 ug/ml