

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049661.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2025 04:42
 Operator : YP/AJ
 Sample : Q2892-05MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 BACK-1-FLOOR-CENTER-MIDDLE-CMSD

Integration File: autoint1.e
 Quant Time: Aug 25 01:53:05 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...	7.716	5397839	52.669 ug/ml
Spiked Amount 50.000		Recovery =	105.34%
6) S 2-Fluorobiphenyl (SURR)	8.581	3821859	52.321 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.64%
11) S ortho-Terphenyl (SURR)	11.626	4473947	34.469 ug/ml
Spiked Amount 50.000		Recovery =	68.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3768458	37.230 ug/ml
2) T Naphthalene (C11.7)	6.050	4519080	39.413 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	4455842	37.352 ug/ml
5) T Acenaphthylene (C15.06)	8.384	5336113	42.447 ug/ml
7) T Acenaphthene (C15.5)	8.681	5411614	43.040 ug/ml
8) T Flouorene (C16.55)	9.463	5850505	46.209 ug/ml
9) T Phenanthrene (C19.36)	10.862	6360335	49.237 ug/ml
10) T Anthracene (C19.43)	10.938	6377479	51.768 ug/ml
12) T Fluoranthene (C21.85)	12.677	6570957	51.329 ug/ml
13) T Pyrene (C20.8)	12.976	6624813	52.178 ug/ml
14) T Benzo[a]anthracene (C...	14.848	6319211	54.761 ug/ml
15) T Chrysene (C27.41)	14.894	6979524	59.612 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6041068	53.116 ug/ml
17) T Bnezo[k]fluoranthene ...	16.401	6041068	56.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	5842539	52.666 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	6224147	60.383 ug/ml
20) T Dibenz[a,h]anthracene...	18.187	5662388	51.949 ug/ml
21) T Benzo[g,h,i]perylene ...	18.405	5489834	50.239 ug/ml

(f)=RT Delta > 1/2 Window

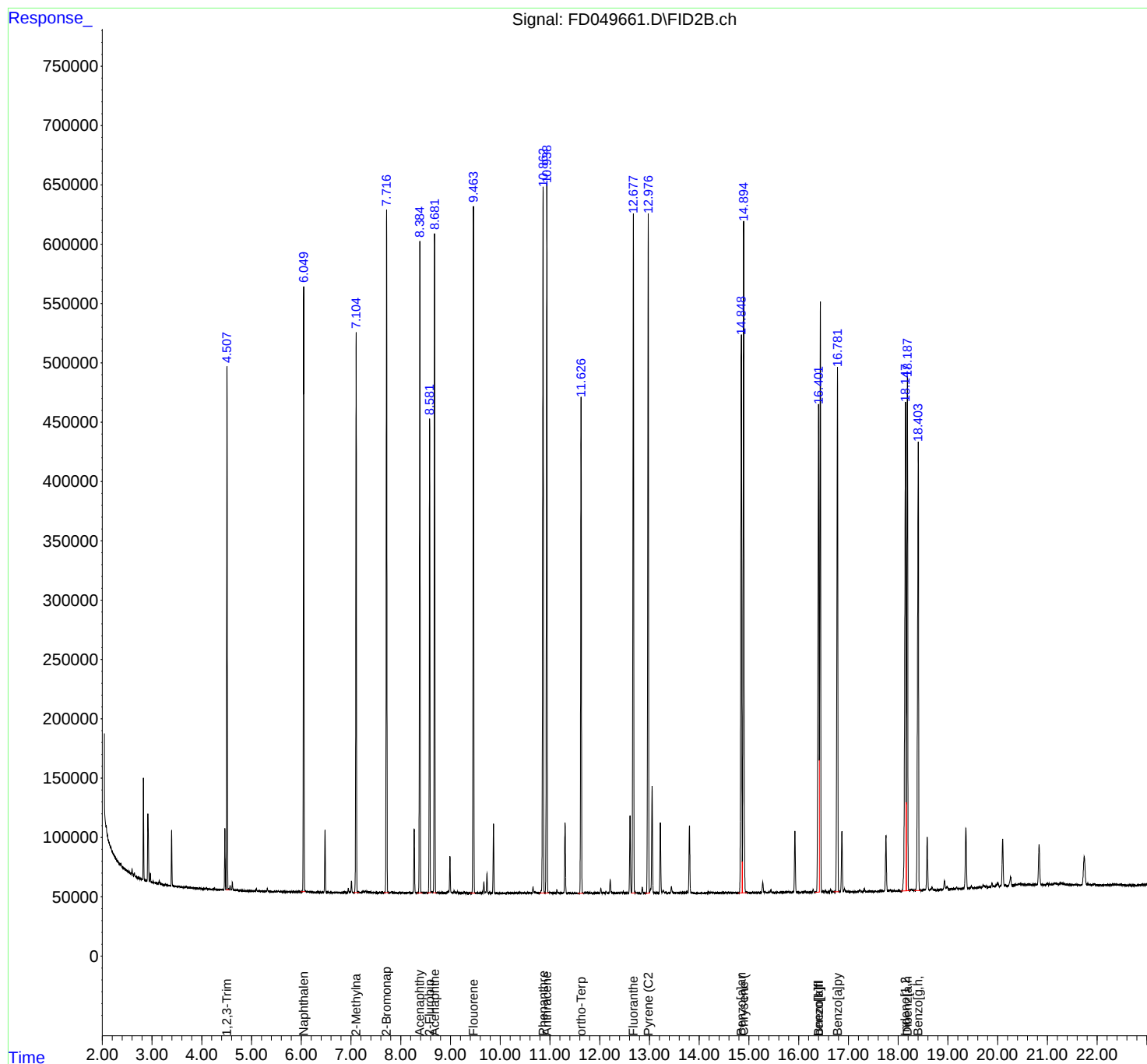
(m)=manual int.

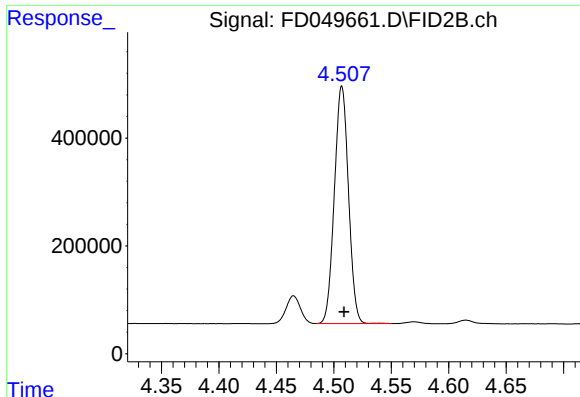
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
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Integration File: autoint1.e
Quant Time: Aug 25 01:53:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 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





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

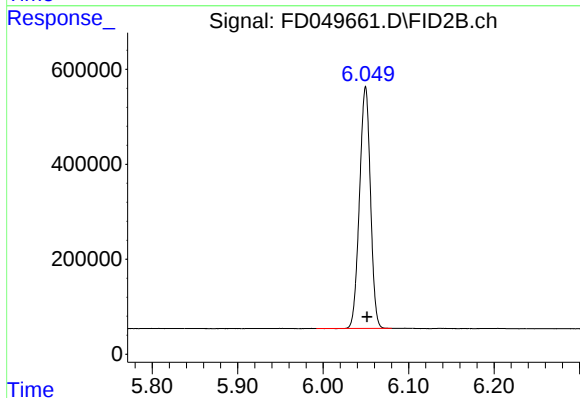
R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 3768458
Conc: 37.23 ug/ml

Instrument :

FID_D

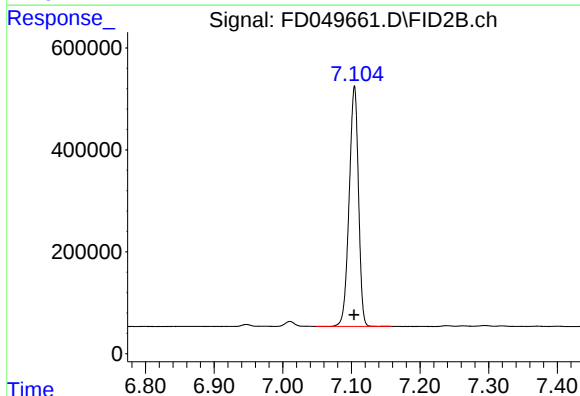
ClientSampleId :

BACK-1-FLOOR-CENTER-MIDDLE-CMSD



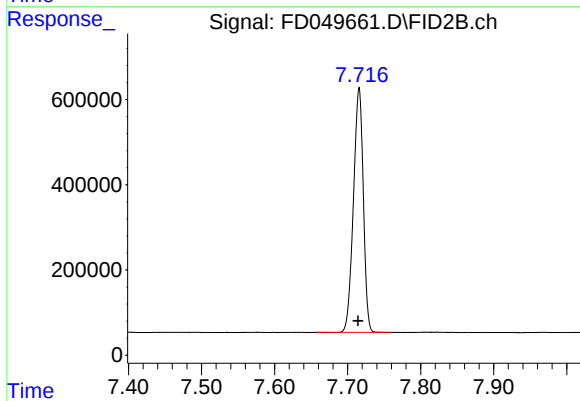
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 4519080
Conc: 39.41 ug/ml



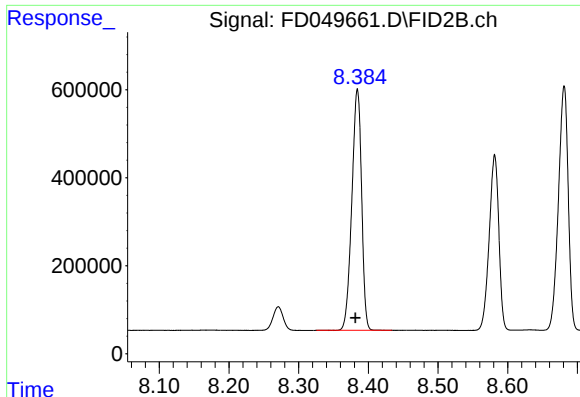
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 4455842
Conc: 37.35 ug/ml



#4 2-Bromonaphthalene (SURR)

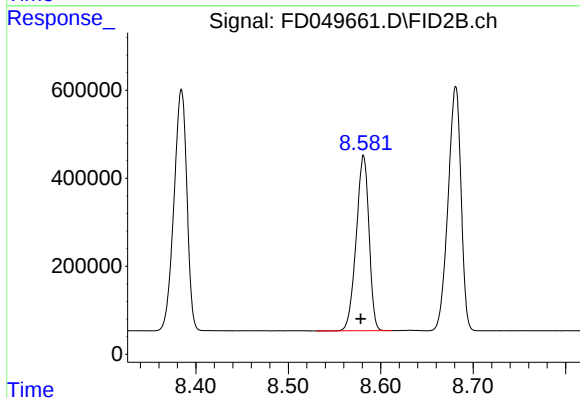
R.T.: 7.716 min
Delta R.T.: 0.001 min
Response: 5397839
Conc: 52.67 ug/ml



#5 Acenaphthylene (C15.06)

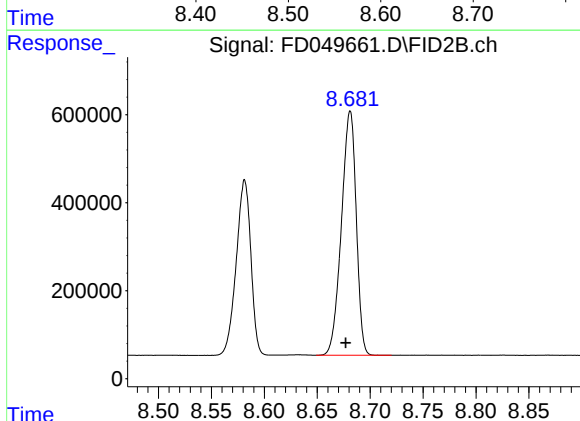
R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 5336113
Conc: 42.45 ug/ml

Instrument :
FID_D
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-CMSD



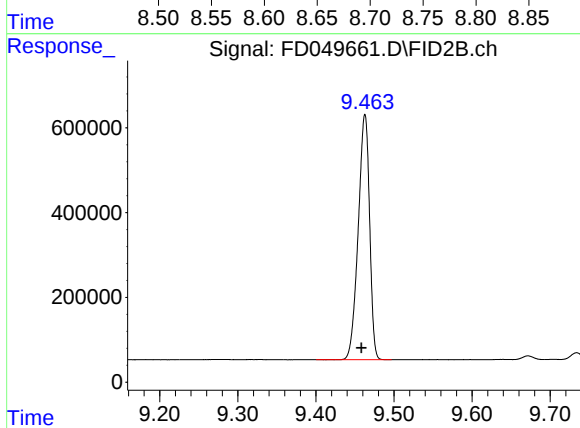
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 3821859
Conc: 52.32 ug/ml



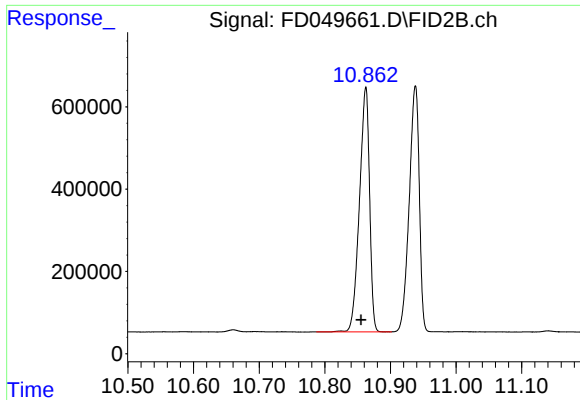
#7 Acenaphthene (C15.5)

R.T.: 8.681 min
Delta R.T.: 0.004 min
Response: 5411614
Conc: 43.04 ug/ml



#8 Fluorene (C16.55)

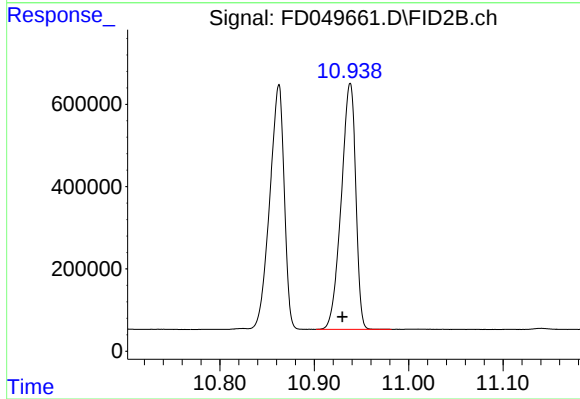
R.T.: 9.463 min
Delta R.T.: 0.005 min
Response: 5850505
Conc: 46.21 ug/ml



#9 Phenanthrene (C19.36)

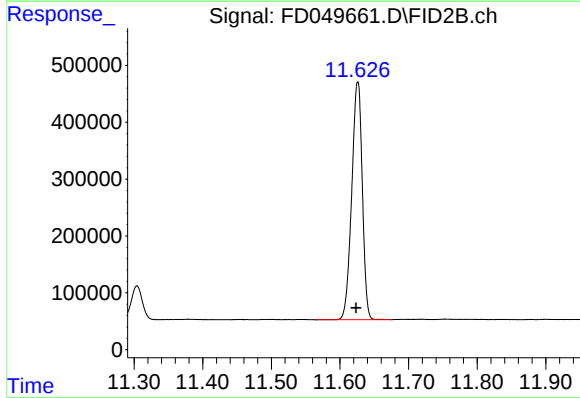
R.T.: 10.862 min
Delta R.T.: 0.007 min
Response: 6360335
Conc: 49.24 ug/ml

Instrument :
FID_D
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-CMSD



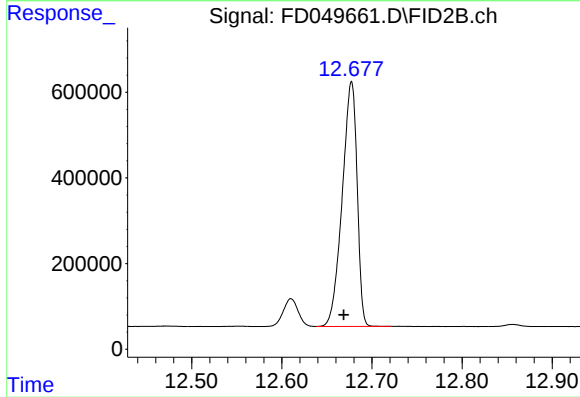
#10 Anthracene (C19.43)

R.T.: 10.938 min
Delta R.T.: 0.008 min
Response: 6377479
Conc: 51.77 ug/ml



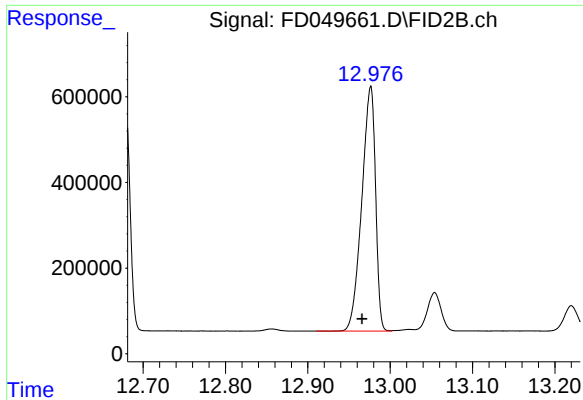
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.003 min
Response: 4473947
Conc: 34.47 ug/ml



#12 Fluoranthene (C21.85)

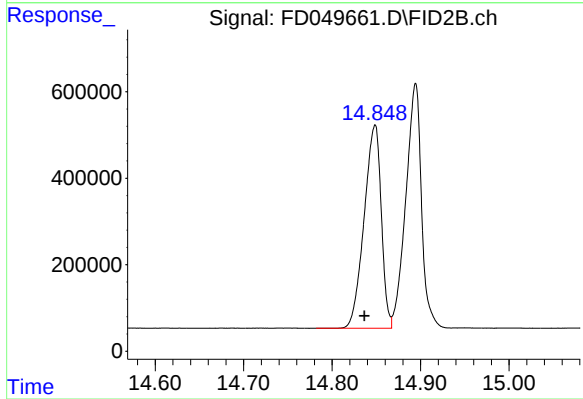
R.T.: 12.677 min
Delta R.T.: 0.009 min
Response: 6570957
Conc: 51.33 ug/ml



#13 Pyrene (C20.8)

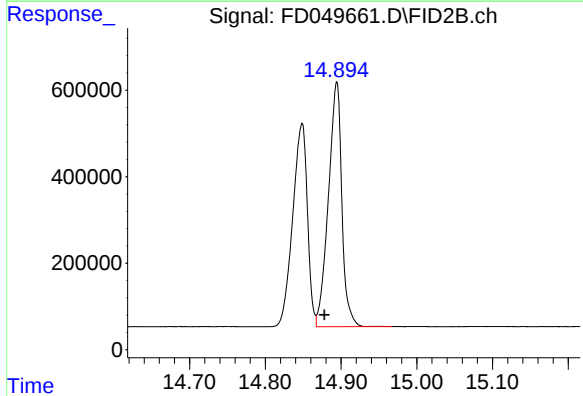
R.T.: 12.976 min
Delta R.T.: 0.010 min
Response: 6624813
Conc: 52.18 ug/ml

Instrument :
FID_D
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-CMSD



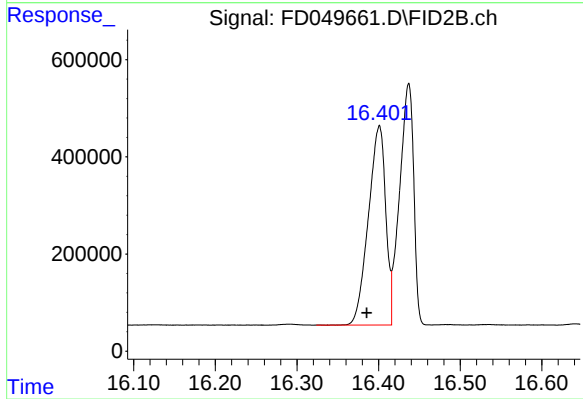
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min
Delta R.T.: 0.012 min
Response: 6319211
Conc: 54.76 ug/ml



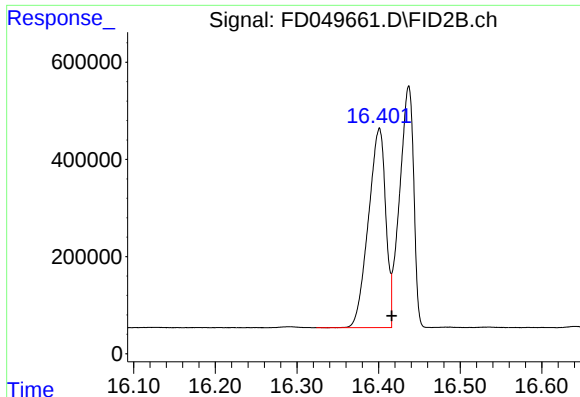
#15 Chrysene (C27.41)

R.T.: 14.894 min
Delta R.T.: 0.016 min
Response: 6979524
Conc: 59.61 ug/ml



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

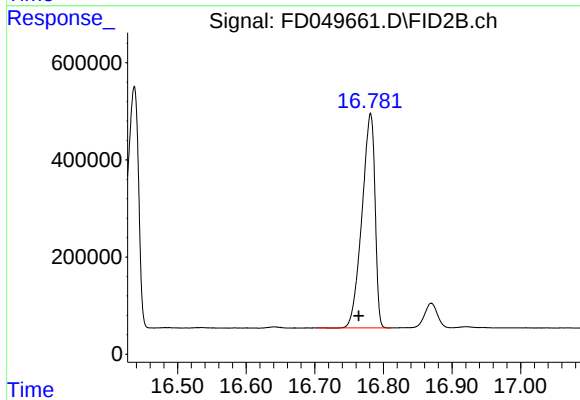
R.T.: 16.401 min
Delta R.T.: 0.016 min
Response: 6041068
Conc: 53.12 ug/ml



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

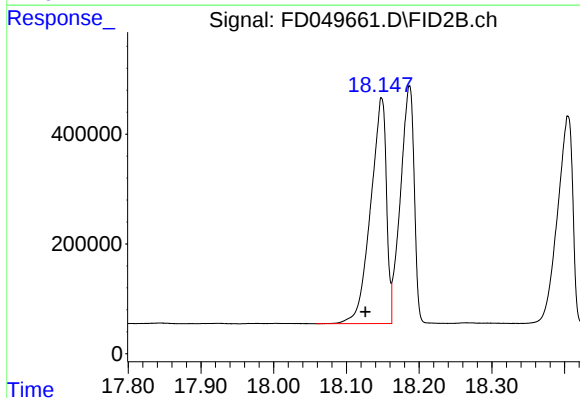
R.T.: 16.401 min
Delta R.T.: -0.015 min
Response: 6041068
Conc: 56.43 ug/ml

Instrument :
FID_D
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-CMSD



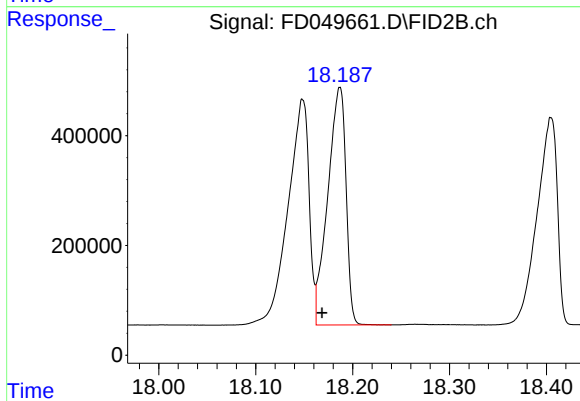
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.017 min
Response: 5842539
Conc: 52.67 ug/ml



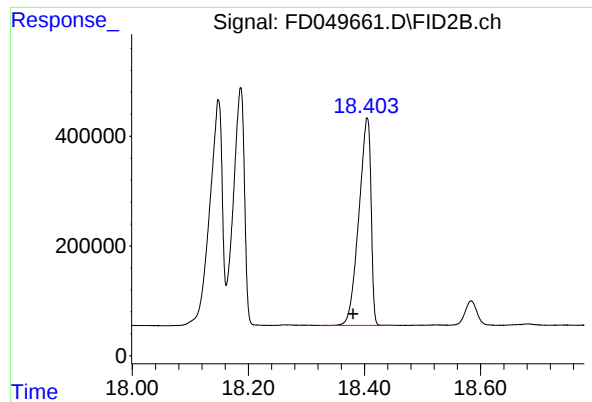
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: 0.022 min
Response: 6224147
Conc: 60.38 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.187 min
Delta R.T.: 0.018 min
Response: 5662388
Conc: 51.95 ug/ml



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

R.T.: 18.405 min
Delta R.T.: 0.025 min
Response: 5489834
Conc: 50.24 ug/ml

Instrument :

FID_D

ClientSampleId :

BACK-1-FLOOR-CENTER-MIDDLE-CMSD