

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020725AR\
 Data File : FD049053.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 11:54
 Operator : YP/AJ
 Sample : PB166603BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166603BS

Integration File: autoint1.e
 Quant Time: Feb 07 23:56:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.354	7237809	50.855 ug/ml
Spiked Amount 50.000		Recovery =	101.71%
6) S 2-Fluorobiphenyl (SURR)	8.203	4499358	52.879 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.76%
11) S ortho-Terphenyl (SURR)	11.238	7098684	43.166 ug/ml
Spiked Amount 50.000		Recovery =	86.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	4714507	30.585 ug/ml
2) T Naphthalene (C11.7)	5.694	5452247	34.880 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	5351262	34.495 ug/ml
5) T Acenaphthylene (C15.06)	8.006	6332039	38.718 ug/ml
7) T Acenaphthene (C15.5)	8.301	6730162	40.069 ug/ml
8) T Fluorene (C16.55)	9.079	6887665	44.030 ug/ml
9) T Phenanthrene (C19.36)	10.467	7015737	46.065 ug/ml
10) T Anthracene (C19.43)	10.543	7099930	46.610 ug/ml
12) T Fluoranthene (C21.85)	12.272	7264711	46.185 ug/ml
13) T Pyrene (C20.8)	12.565	7125515	45.231 ug/ml
14) T Benzo[a]anthracene (C...	14.436	6806693	52.896 ug/ml
15) T Chrysene (C27.41)	14.478	6834656	40.419 ug/ml
16) T benzo[b]fluoranthene ...	15.985	6784558	49.656 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	6913001	42.684 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	6556725	47.110 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	6532213	62.634 ug/ml
20) T Dibenz[a,h]anthracene...	17.766	6690577	46.867 ug/ml
21) T Benzo[g,h,i]perylene ...	17.981	6556017	45.962 ug/ml

(f)=RT Delta > 1/2 Window

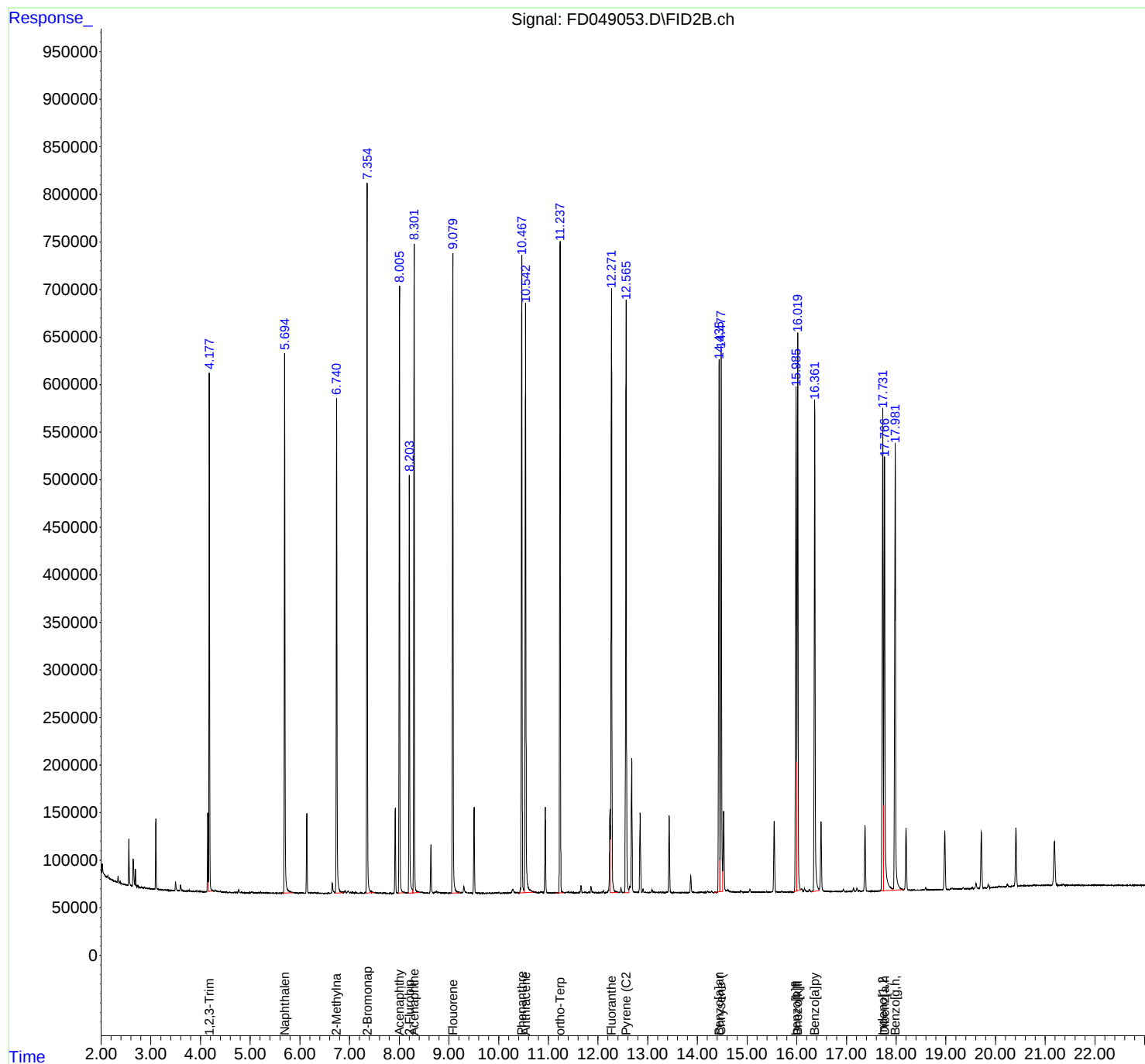
(m)=manual int.

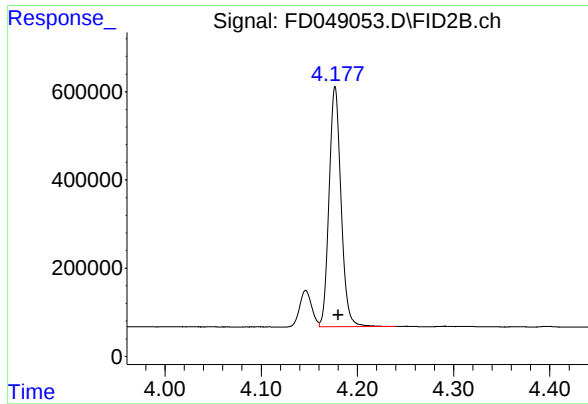
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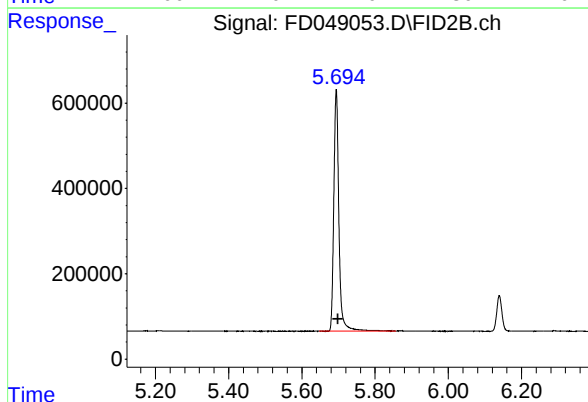




#1 1,2,3-Trimethylbenzene (C10.1)

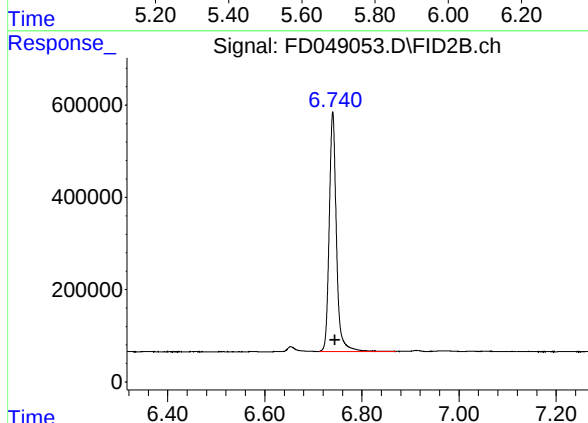
R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 4714507
Conc: 30.58 ug/ml

Instrument :
FID_D
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PB166603BS



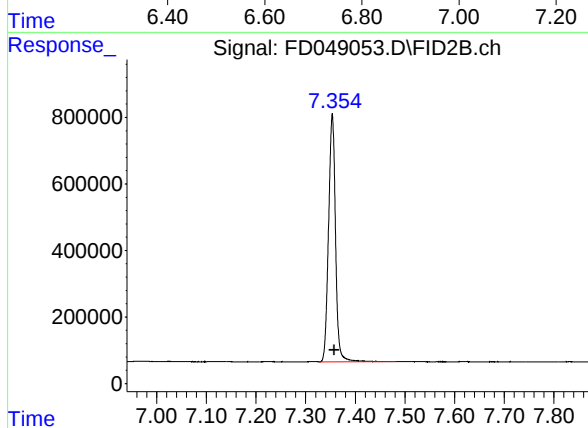
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 5452247
Conc: 34.88 ug/ml



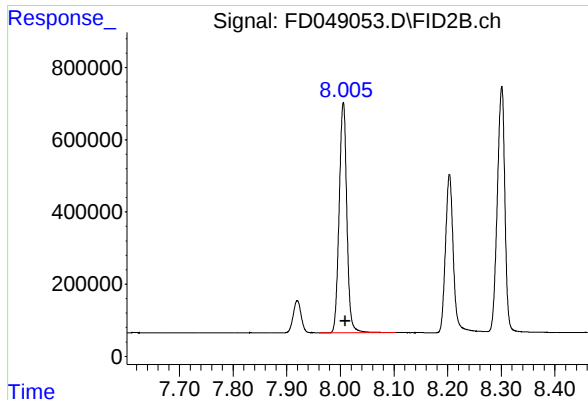
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 5351262
Conc: 34.50 ug/ml



#4 2-Bromonaphthalene (SURR)

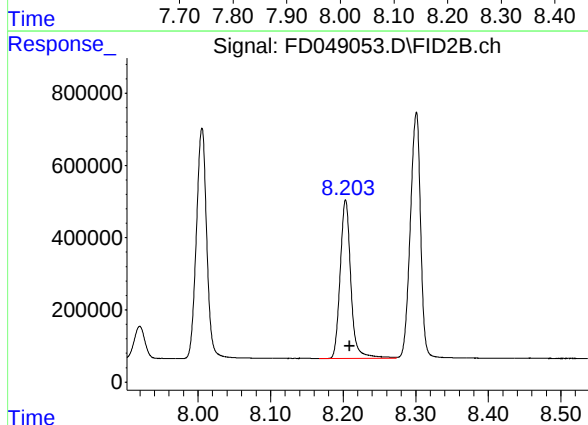
R.T.: 7.354 min
Delta R.T.: -0.004 min
Response: 7237809
Conc: 50.86 ug/ml



#5 Acenaphthylene (C15.06)

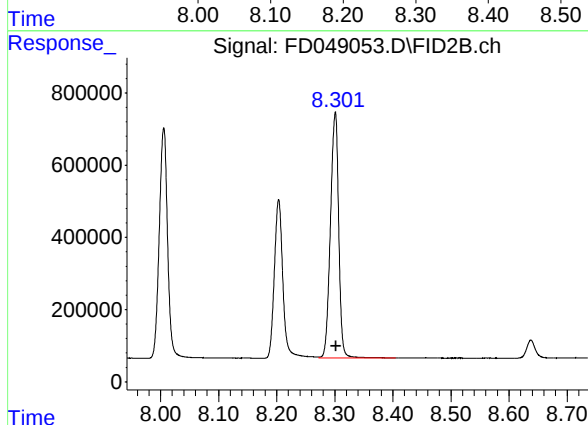
R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 6332039
Conc: 38.72 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166603BS



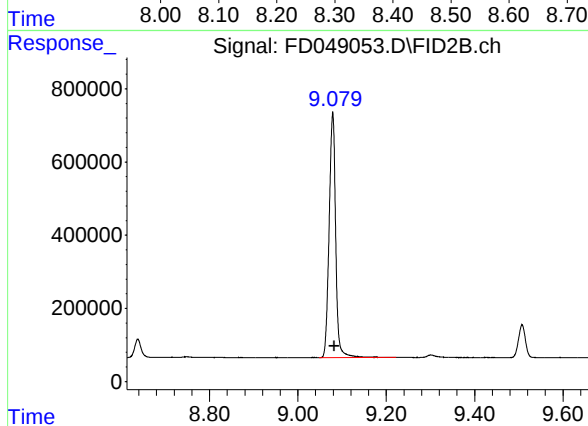
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.006 min
Response: 4499358
Conc: 52.88 ug/ml



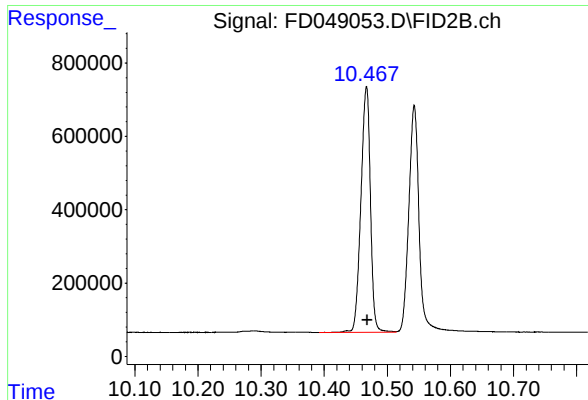
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.002 min
Response: 6730162
Conc: 40.07 ug/ml



#8 Flouorene (C16.55)

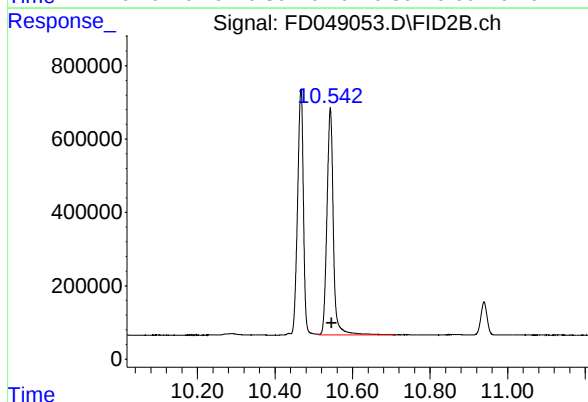
R.T.: 9.079 min
Delta R.T.: -0.004 min
Response: 6887665
Conc: 44.03 ug/ml



#9 Phenanthrene (C19.36)

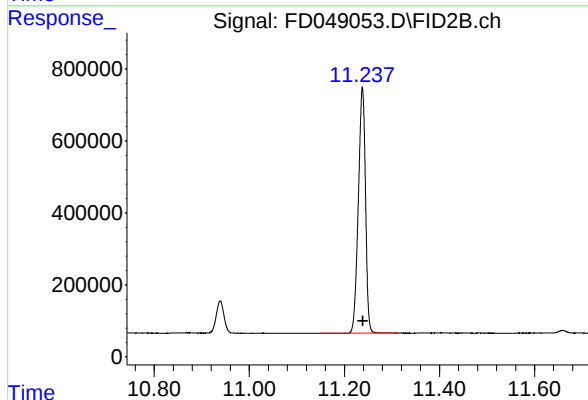
R.T.: 10.467 min
Delta R.T.: -0.002 min
Response: 7015737
Conc: 46.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166603BS



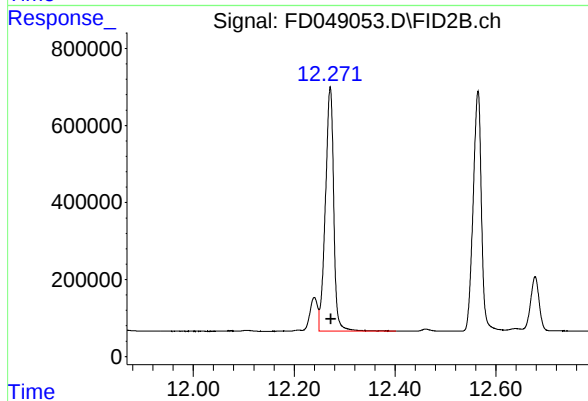
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: -0.003 min
Response: 7099930
Conc: 46.61 ug/ml



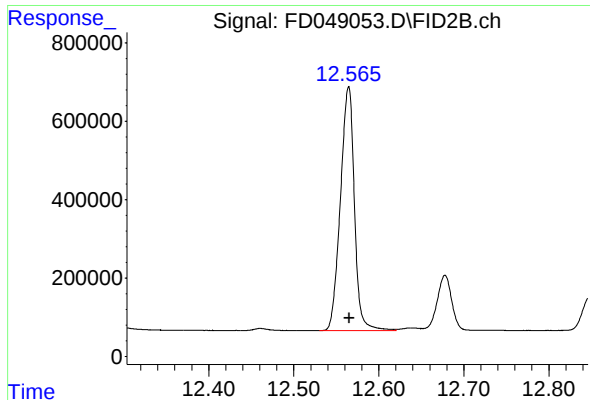
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.001 min
Response: 7098684
Conc: 43.17 ug/ml



#12 Fluoranthene (C21.85)

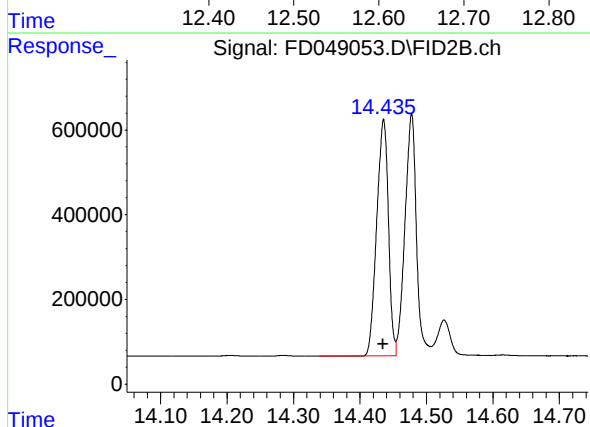
R.T.: 12.272 min
Delta R.T.: -0.001 min
Response: 7264711
Conc: 46.19 ug/ml



#13 Pyrene (C20.8)

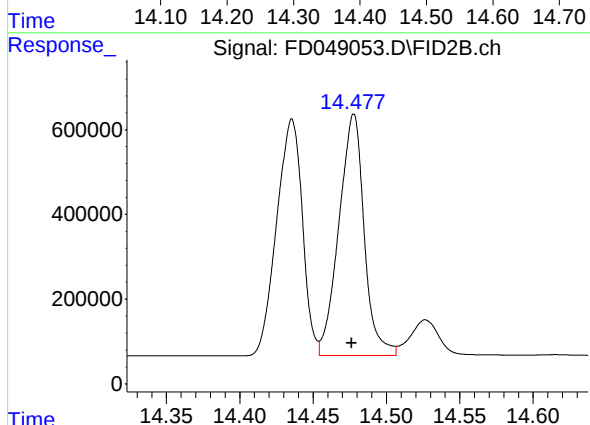
R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 7125515
Conc: 45.23 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166603BS



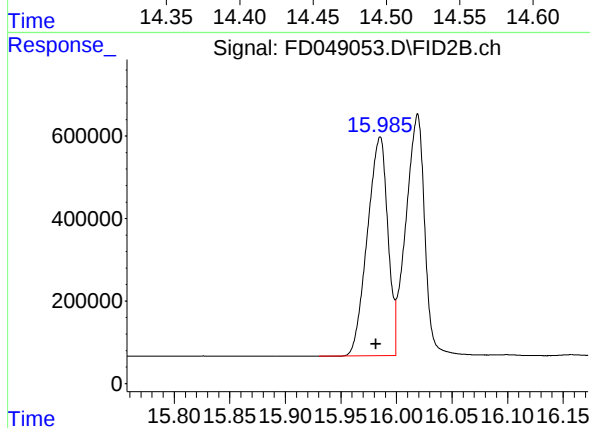
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: 0.000 min
Response: 6806693
Conc: 52.90 ug/ml



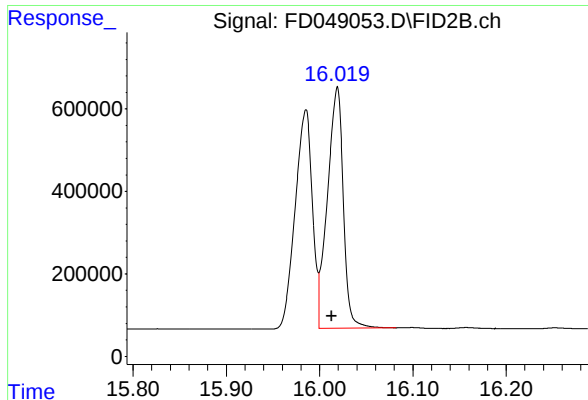
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: 0.001 min
Response: 6834656
Conc: 40.42 ug/ml



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

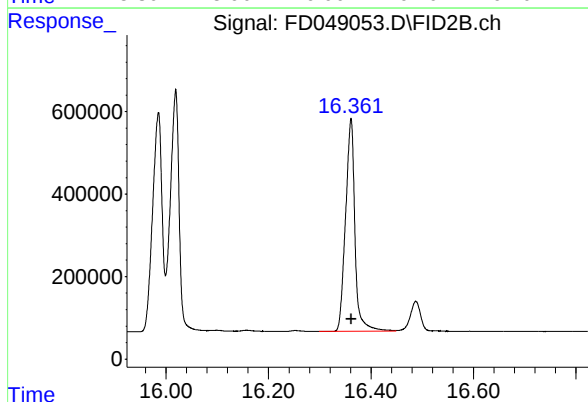
R.T.: 15.985 min
Delta R.T.: 0.004 min
Response: 6784558
Conc: 49.66 ug/ml



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

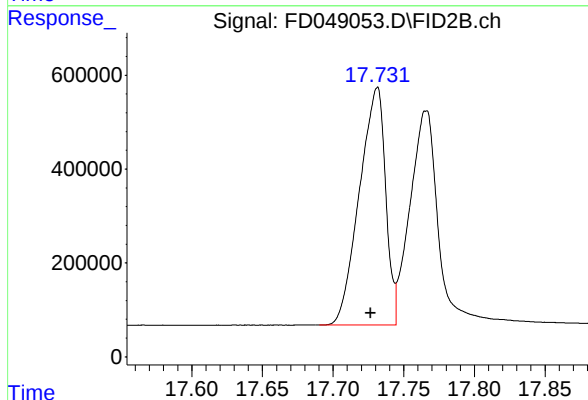
R.T.: 16.019 min
Delta R.T.: 0.006 min
Response: 6913001
Conc: 42.68 ug/ml

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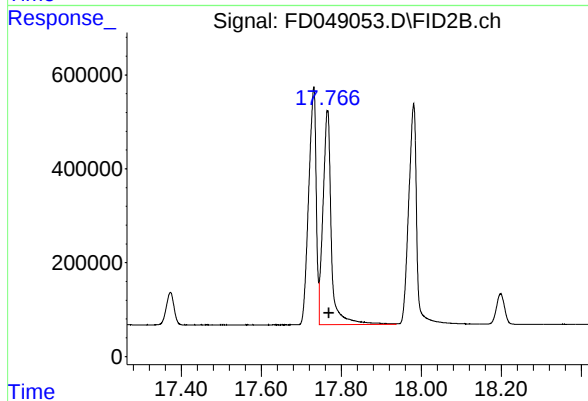
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: 0.000 min
Response: 6556725
Conc: 47.11 ug/ml



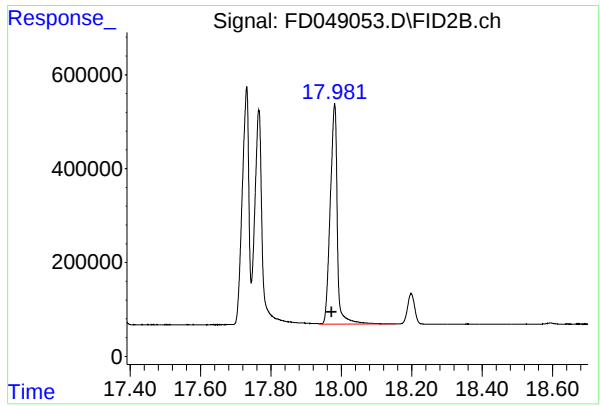
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: 0.005 min
Response: 6532213
Conc: 62.63 ug/ml



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

R.T.: 17.766 min
Delta R.T.: -0.003 min
Response: 6690577
Conc: 46.87 ug/ml



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

R.T.: 17.981 min

Delta R.T.: 0.009 min

Response: 6556017

Conc: 45.96 ug/ml

Instrument :

FID_D

ClientSampleId :

PB166603BS