

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045333.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 16:56
 Operator : YP/AJ
 Sample : PB151653BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151653BS

Integration File: autoint1.e
 Quant Time: Mar 25 02:28:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.548	5753341	42.395 ug/ml
Spiked Amount 50.000		Recovery =	84.79%
6) S 2-Fluorobiphenyl (SURR)	8.405	3581258	39.999 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.00%
11) S ortho-Terphenyl (SURR)	11.445	5729475	34.421 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	4174952	27.567 ug/ml
2) T Naphthalene (C11.7)	5.886	4786959	30.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	4831761	30.404 ug/ml
5) T Acenaphthylene (C15.06)	8.208	5162113	36.001 ug/ml
7) T Acenaphthene (C15.5)	8.505	5209461	34.370 ug/ml
8) T Fluorene (C16.55)	9.283	5276498	35.838 ug/ml
9) T Phenanthrene (C19.36)	10.674	5333232	37.354 ug/ml
10) T Anthracene (C19.43)	10.749	5185408	37.005 ug/ml
12) T Fluoranthene (C21.85)	12.480	5370082	38.443 ug/ml
13) T Pyrene (C20.8)	12.776	5323214	39.090 ug/ml
14) T Benzo[a]anthracene (C...	14.641	4908346	38.505 ug/ml
15) T Chrysene (C27.41)	14.684	4831508	37.072 ug/ml
16) T benzo[b]fluoranthene ...	16.185	4945634	38.362 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	4627165	36.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	4339108	34.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	4172467	34.878 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	3823319	31.697 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	4268489	34.306 ug/ml

(f)=RT Delta > 1/2 Window

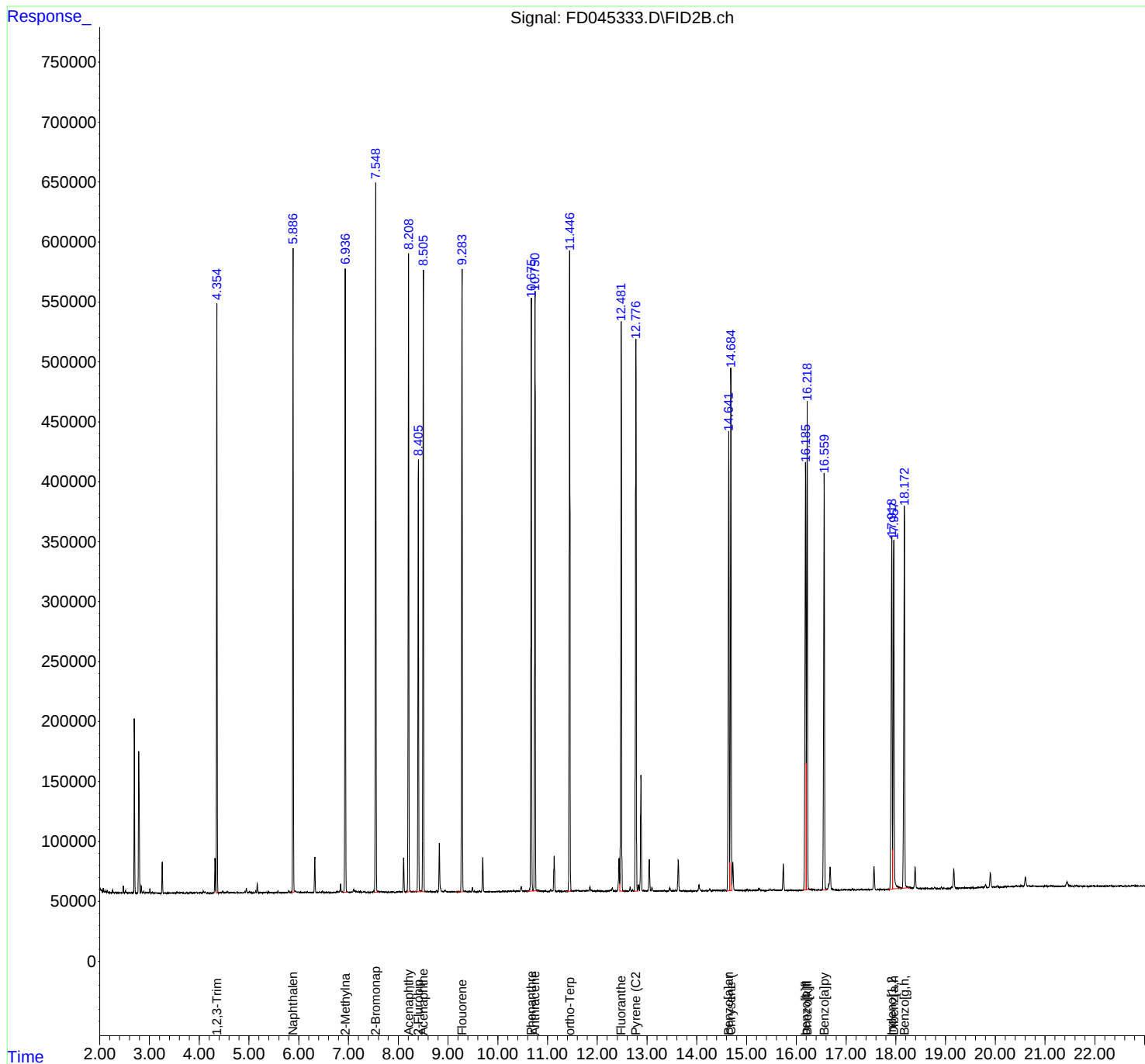
(m)=manual int.

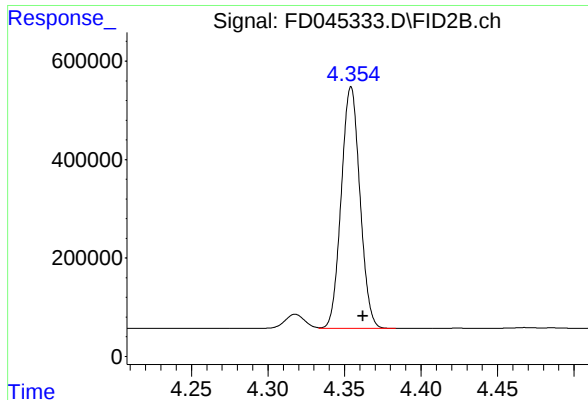
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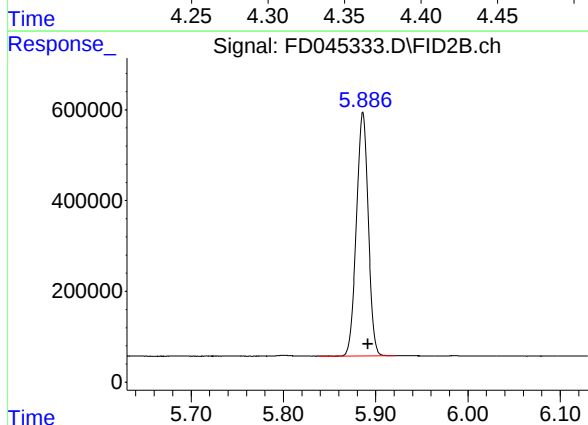




#1 1,2,3-Trimethylbenzene (C10.1)

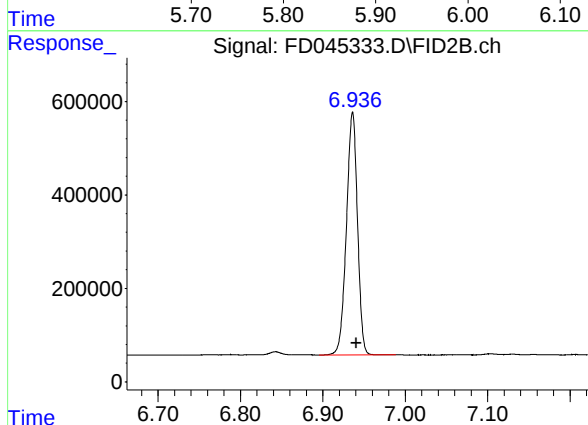
R.T.: 4.354 min
Delta R.T.: -0.008 min
Response: 4174952
Conc: 27.57 ug/ml

Instrument :
FID_D
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PB151653BS



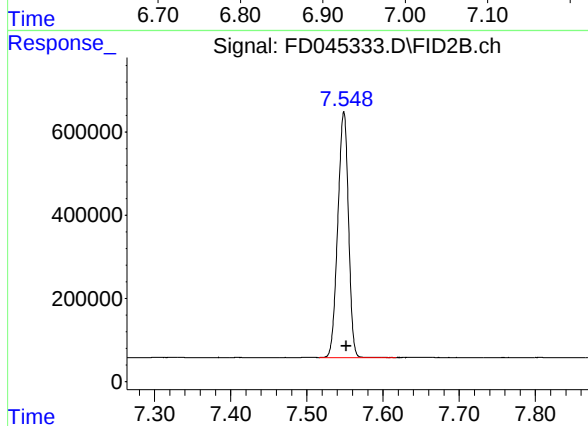
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.006 min
Response: 4786959
Conc: 30.30 ug/ml



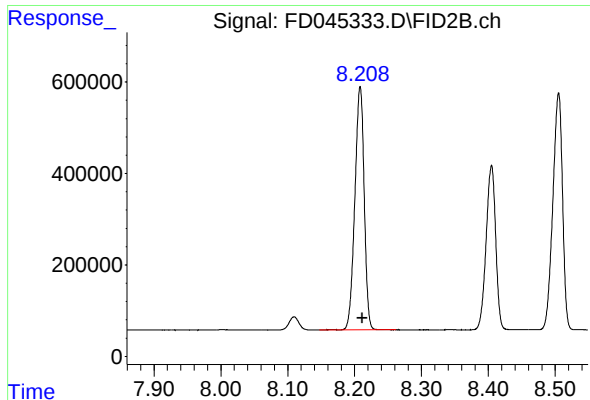
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 4831761
Conc: 30.40 ug/ml



#4 2-Bromonaphthalene (SURR)

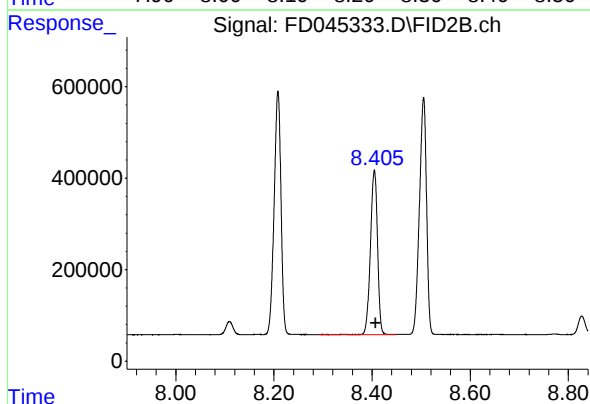
R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 5753341
Conc: 42.40 ug/ml



#5 Acenaphthylene (C15.06)

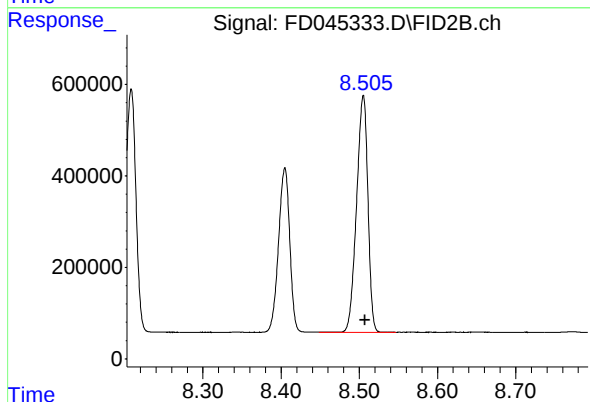
R.T.: 8.208 min
Delta R.T.: -0.003 min
Response: 5162113
Conc: 36.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151653BS



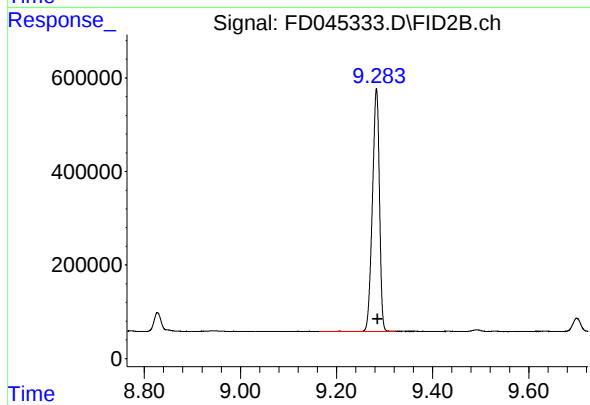
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.003 min
Response: 3581258
Conc: 40.00 ug/ml



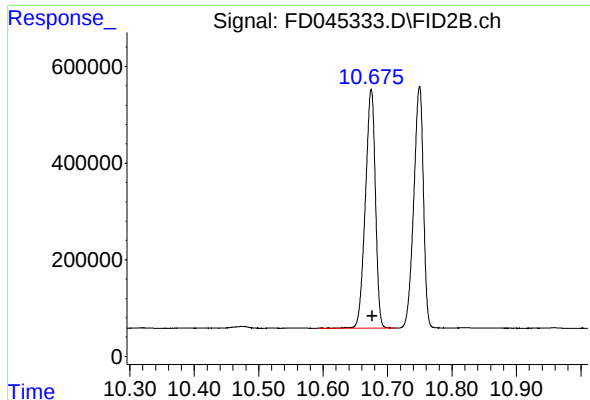
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 5209461
Conc: 34.37 ug/ml



#8 Flouorene (C16.55)

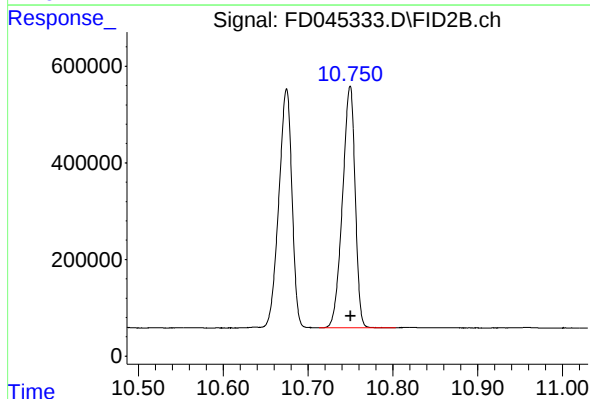
R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 5276498
Conc: 35.84 ug/ml



#9 Phenanthrene (C19.36)

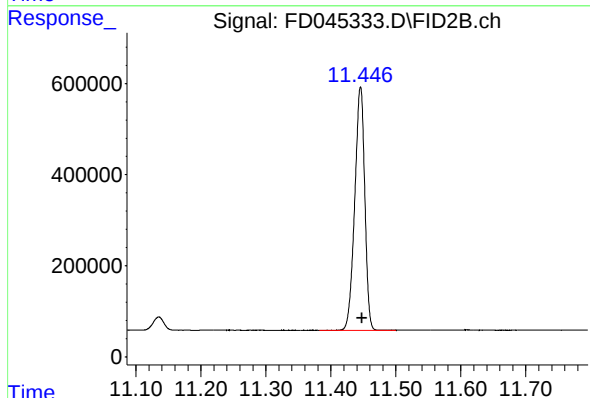
R.T.: 10.674 min
Delta R.T.: -0.002 min
Response: 5333232
Conc: 37.35 ug/ml

Instrument :
FID_D
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PB151653BS



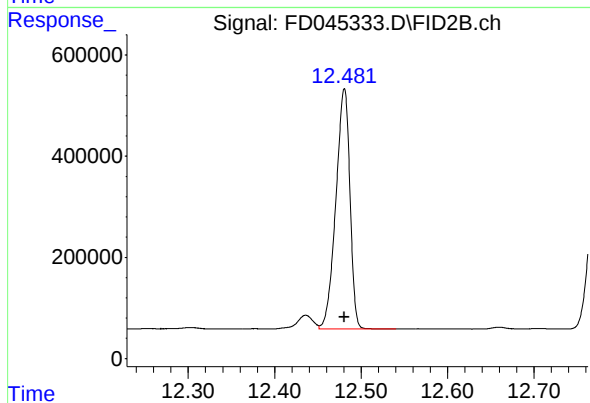
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: -0.001 min
Response: 5185408
Conc: 37.00 ug/ml



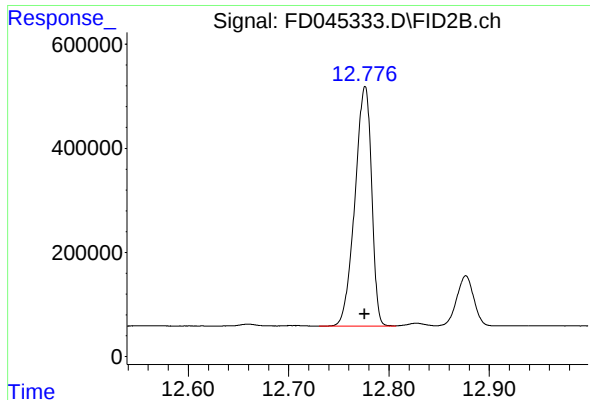
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: -0.002 min
Response: 5729475
Conc: 34.42 ug/ml



#12 Fluoranthene (C21.85)

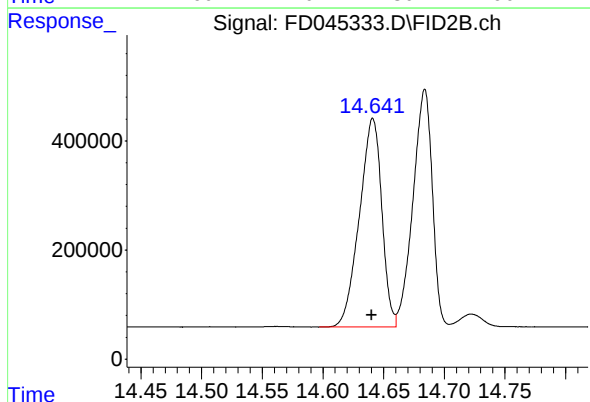
R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 5370082
Conc: 38.44 ug/ml



#13 Pyrene (C20.8)

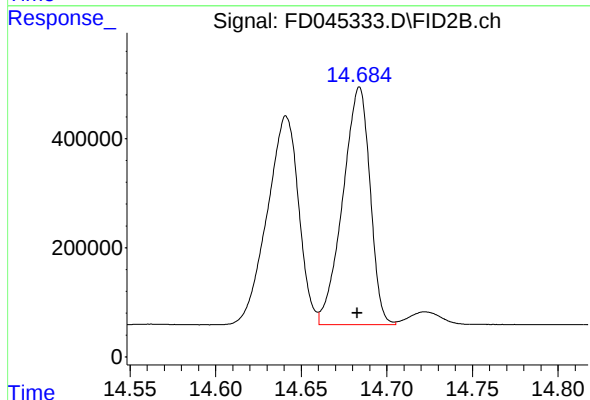
R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 5323214
Conc: 39.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151653BS



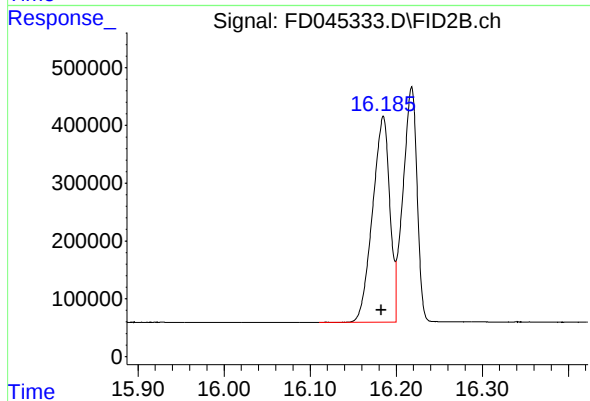
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.000 min
Response: 4908346
Conc: 38.50 ug/ml



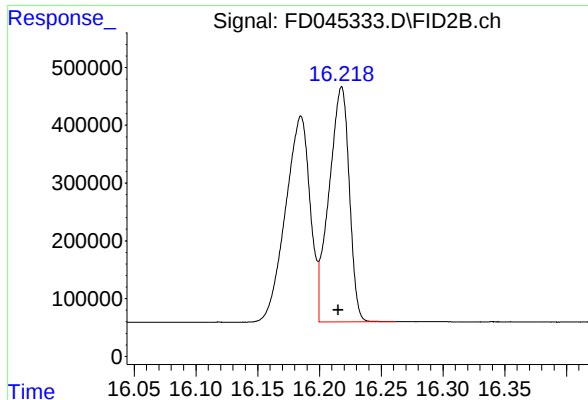
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.000 min
Response: 4831508
Conc: 37.07 ug/ml



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

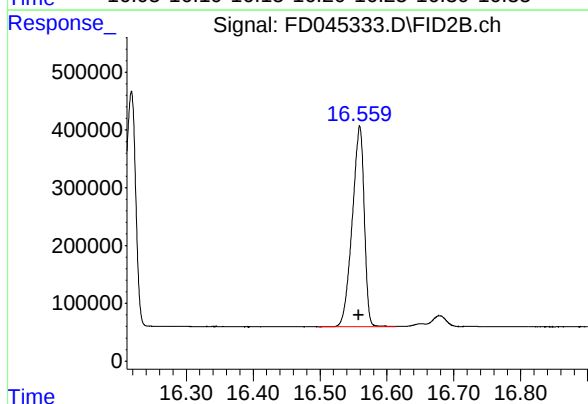
R.T.: 16.185 min
Delta R.T.: 0.002 min
Response: 4945634
Conc: 38.36 ug/ml



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

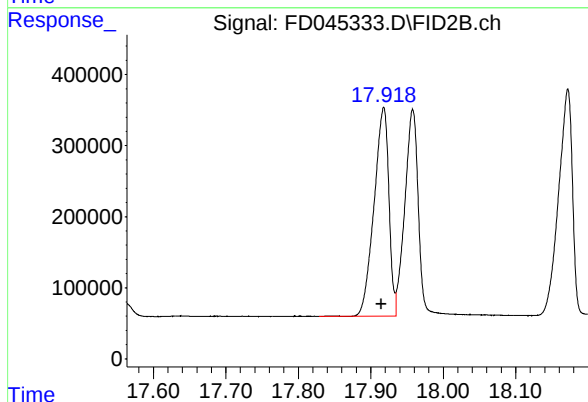
R.T.: 16.218 min
Delta R.T.: 0.002 min
Response: 4627165
Conc: 36.66 ug/ml

Instrument :
FID_D
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PB151653BS



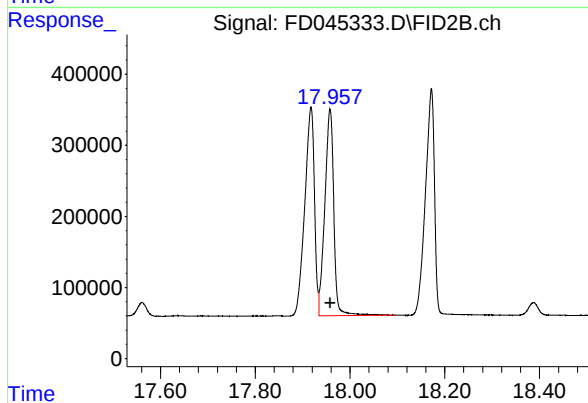
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: 0.001 min
Response: 4339108
Conc: 34.48 ug/ml



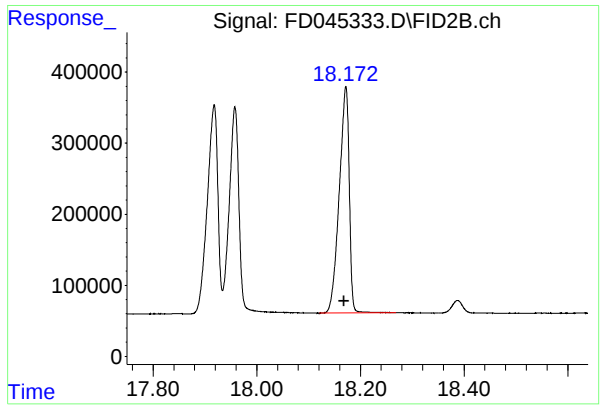
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.917 min
Delta R.T.: 0.003 min
Response: 4172467
Conc: 34.88 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 3823319
Conc: 31.70 ug/ml



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

R.T.: 18.171 min

Delta R.T.: 0.003 min

Response: 4268489

Conc: 34.31 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151653BS