

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021323AR\
 Data File : FD045018.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2023 17:07
 Operator : YP/AJ
 Sample : PB150811BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150811BS

Integration File: autoint1.e
 Quant Time: Feb 14 00:27:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.560	7102252	48.426 ug/ml
Spiked Amount 50.000		Recovery =	96.85%
6) S 2-Fluorobiphenyl (SURR)	8.417	4458777	44.671 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.34%
11) S ortho-Terphenyl (SURR)	11.459	7700967	41.434 ug/ml
Spiked Amount 50.000		Recovery =	82.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	5241992	32.839 ug/ml
2) T Naphthalene (C11.7)	5.897	6031895	35.601 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	6128348	35.722 ug/ml
5) T Acenaphthylene (C15.06)	8.221	6809271	43.332 ug/ml
7) T Acenaphthene (C15.5)	8.518	6938215	41.729 ug/ml
8) T Fluorene (C16.55)	9.297	7061909	43.025 ug/ml
9) T Phenanthrene (C19.36)	10.690	7175454	44.380 ug/ml
10) T Anthracene (C19.43)	10.765	7079704	47.756 ug/ml
12) T Fluoranthene (C21.85)	12.498	7174559	44.829 ug/ml
13) T Pyrene (C20.8)	12.793	7132765	45.456 ug/ml
14) T Benzo[a]anthracene (C...	14.660	6590413	46.176 ug/ml
15) T Chrysene (C27.41)	14.704	6463350	43.653 ug/ml
16) T benzo[b]fluoranthene ...	16.206	6610968	45.571 ug/ml
17) T Bnezo[k]fluoranthene ...	16.241	6164630	43.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.583	5804151	41.536 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.944	6187382	45.979 ug/ml
20) T Dibenz[a,h]anthracene...	17.985	5767807	43.525 ug/ml
21) T Benzo[g,h,i]perylene ...	18.200	6060619	44.574 ug/ml

(f)=RT Delta > 1/2 Window

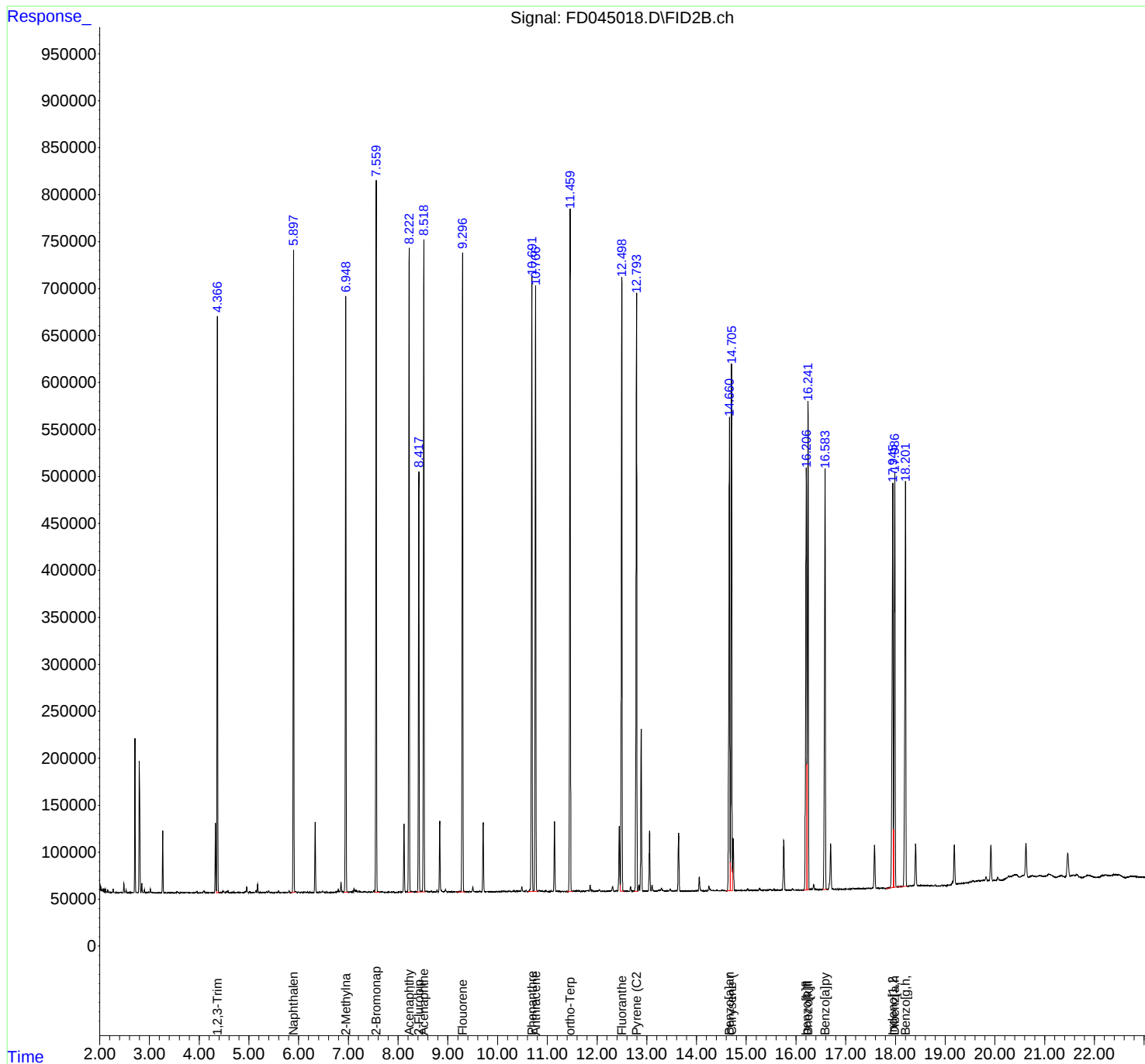
(m)=manual int.

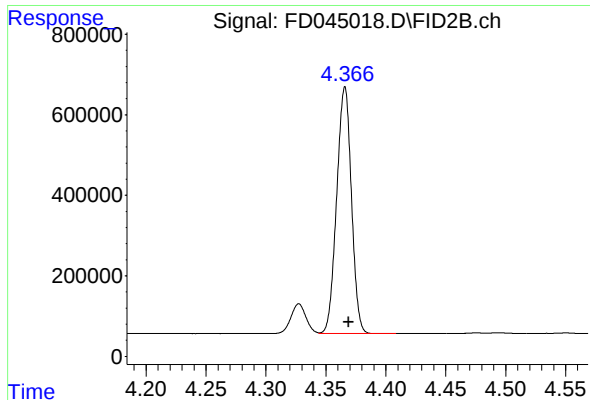
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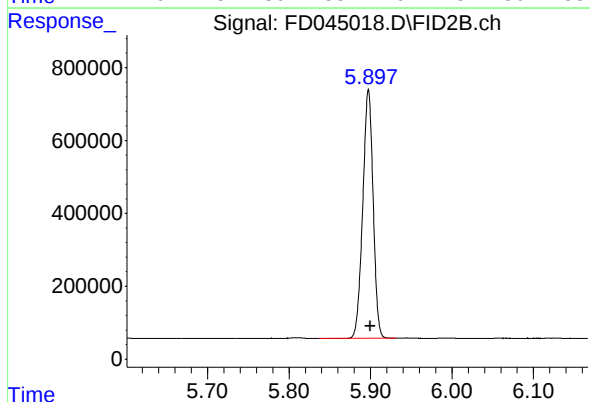




#1 1,2,3-Trimethylbenzene (C10.1)

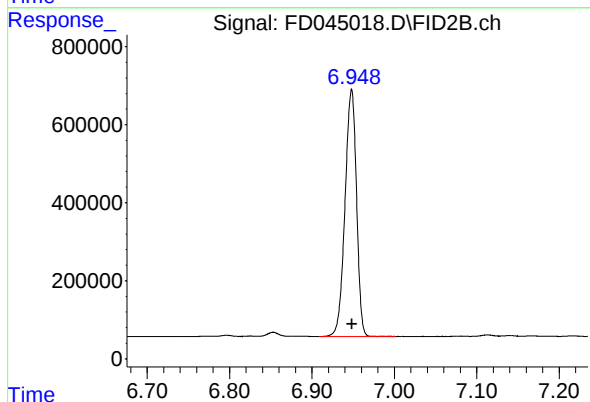
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 5241992
Conc: 32.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150811BS



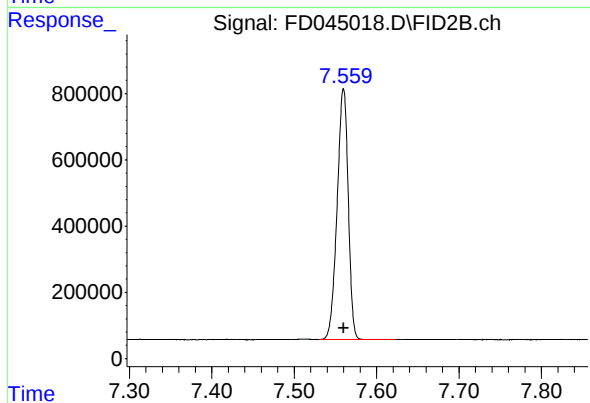
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 6031895
Conc: 35.60 ug/ml



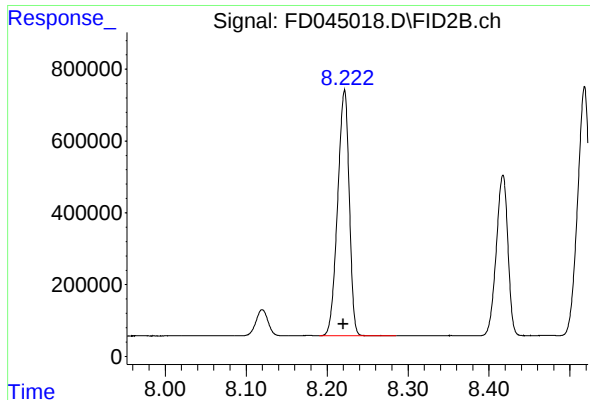
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 6128348
Conc: 35.72 ug/ml



#4 2-Bromonaphthalene (SURR)

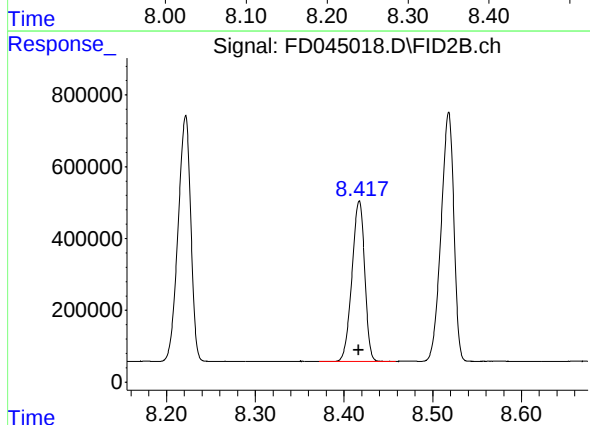
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 7102252
Conc: 48.43 ug/ml



#5 Acenaphthylene (C15.06)

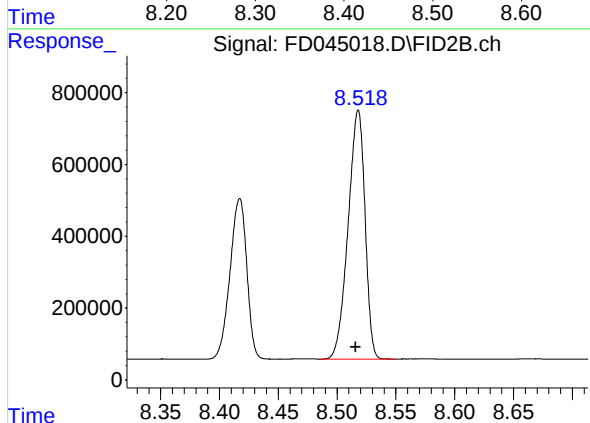
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 6809271
Conc: 43.33 ug/ml

Instrument :
FID_D
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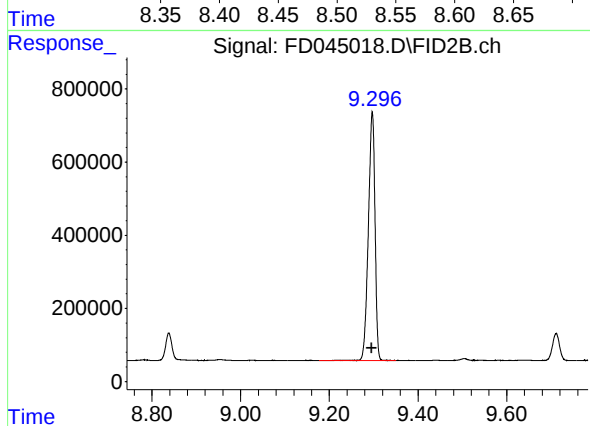
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 4458777
Conc: 44.67 ug/ml



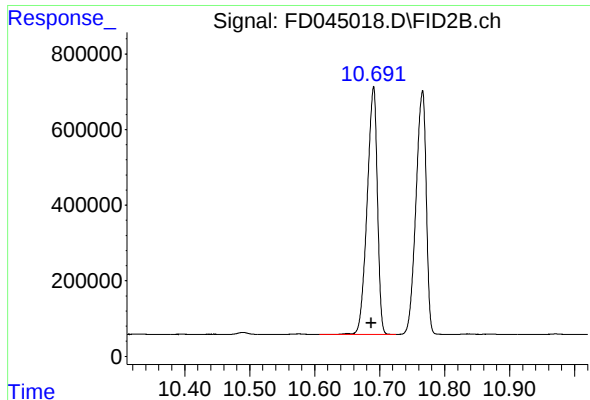
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: 0.002 min
Response: 6938215
Conc: 41.73 ug/ml



#8 Flouorene (C16.55)

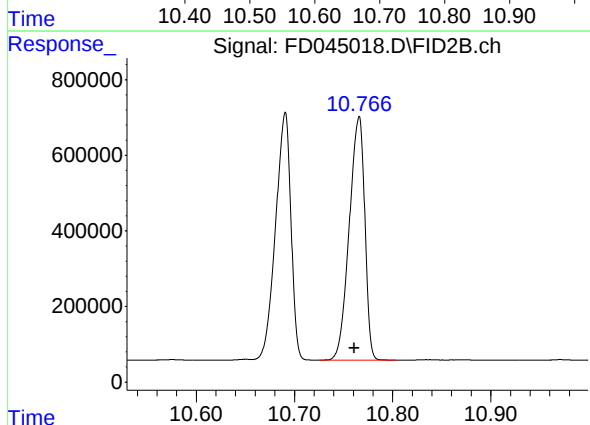
R.T.: 9.297 min
Delta R.T.: 0.001 min
Response: 7061909
Conc: 43.02 ug/ml



#9 Phenanthrene (C19.36)

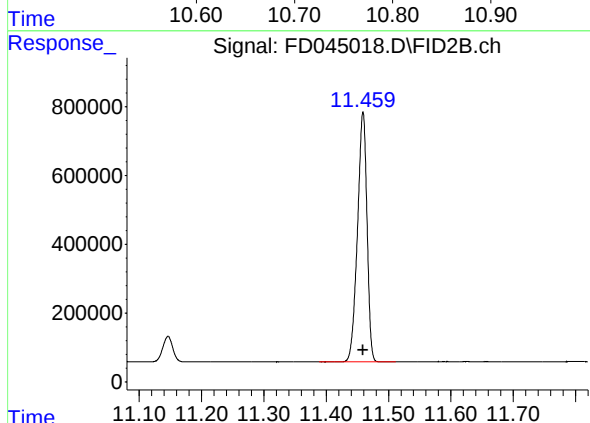
R.T.: 10.690 min
Delta R.T.: 0.003 min
Response: 7175454
Conc: 44.38 ug/ml

Instrument :
FID_D
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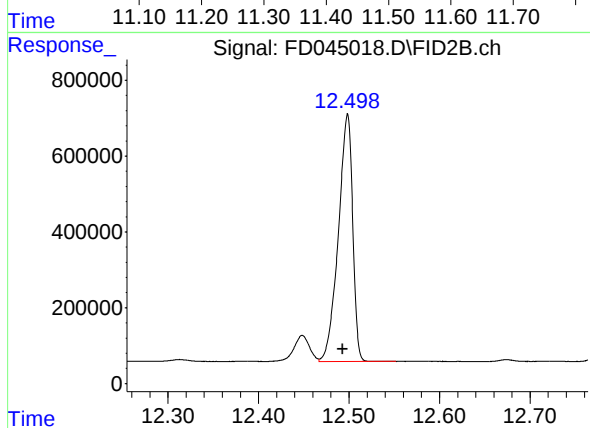
#10 Anthracene (C19.43)

R.T.: 10.765 min
Delta R.T.: 0.004 min
Response: 7079704
Conc: 47.76 ug/ml



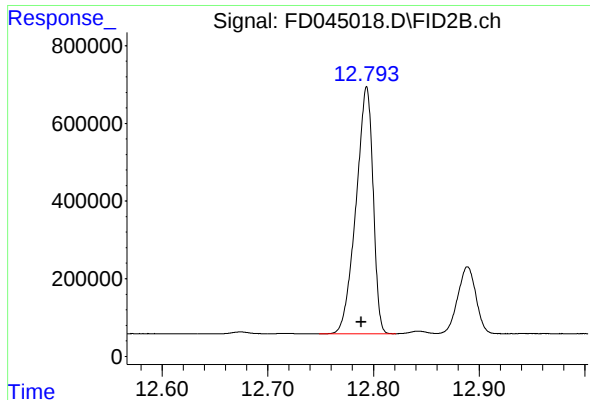
#11 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: 0.000 min
Response: 7700967
Conc: 41.43 ug/ml



#12 Fluoranthene (C21.85)

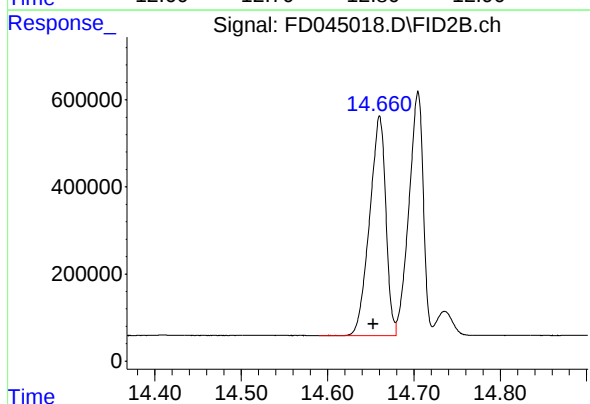
R.T.: 12.498 min
Delta R.T.: 0.005 min
Response: 7174559
Conc: 44.83 ug/ml



#13 Pyrene (C20.8)

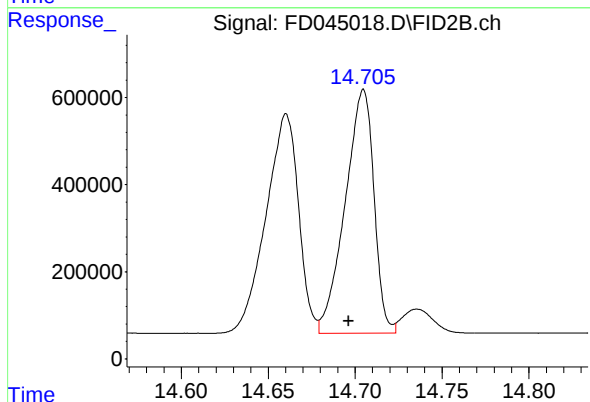
R.T.: 12.793 min
Delta R.T.: 0.005 min
Response: 7132765
Conc: 45.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150811BS



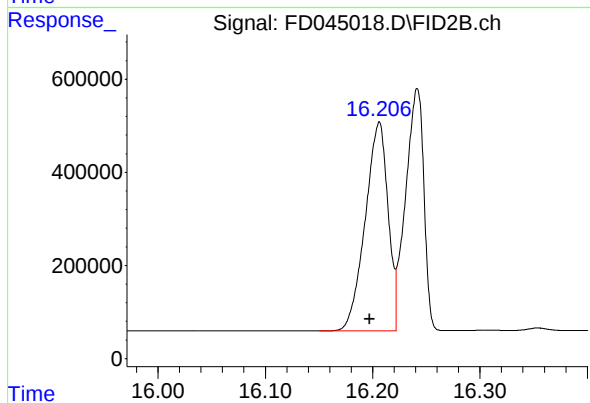
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.660 min
Delta R.T.: 0.007 min
Response: 6590413
Conc: 46.18 ug/ml



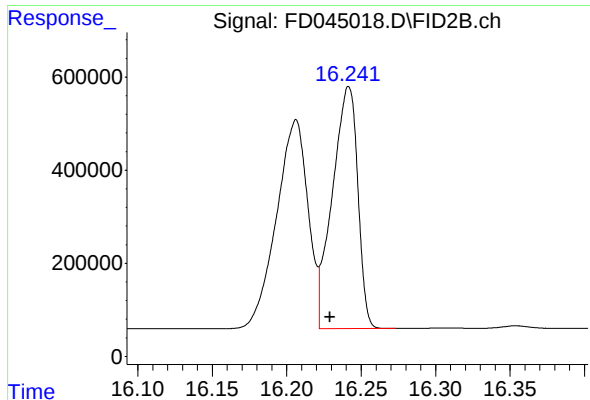
#15 Chrysene (C27.41)

R.T.: 14.704 min
Delta R.T.: 0.008 min
Response: 6463350
Conc: 43.65 ug/ml



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

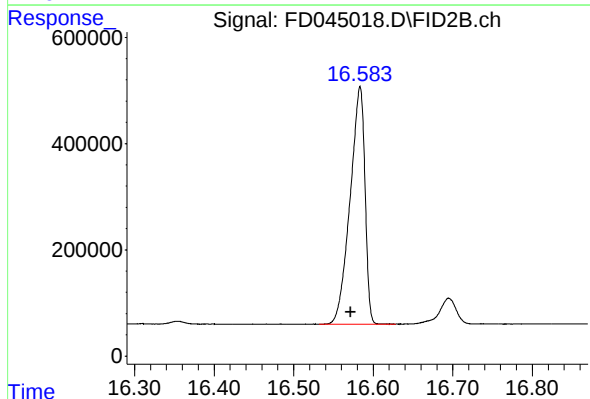
R.T.: 16.206 min
Delta R.T.: 0.009 min
Response: 6610968
Conc: 45.57 ug/ml



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

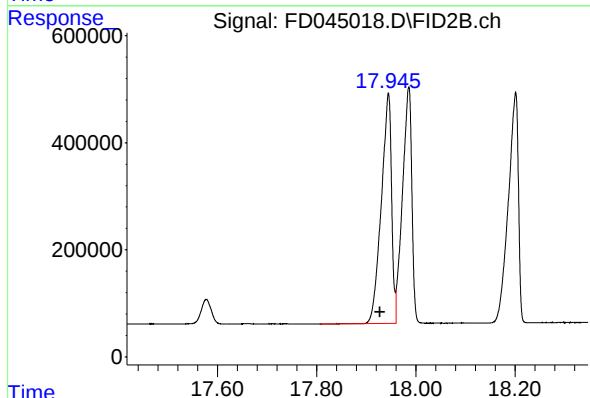
R.T.: 16.241 min
Delta R.T.: 0.012 min
Response: 6164630
Conc: 43.24 ug/ml

Instrument :
FID_D
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PB150811BS



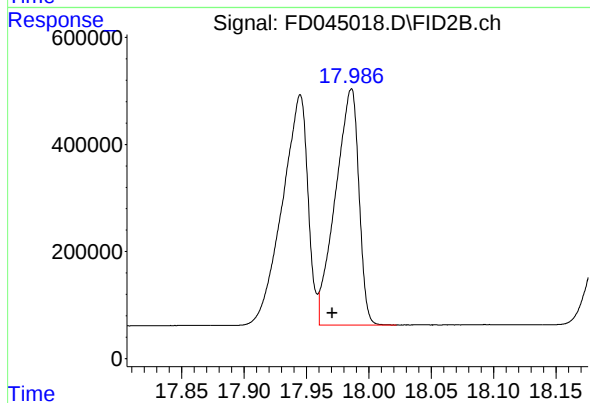
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.583 min
Delta R.T.: 0.011 min
Response: 5804151
Conc: 41.54 ug/ml



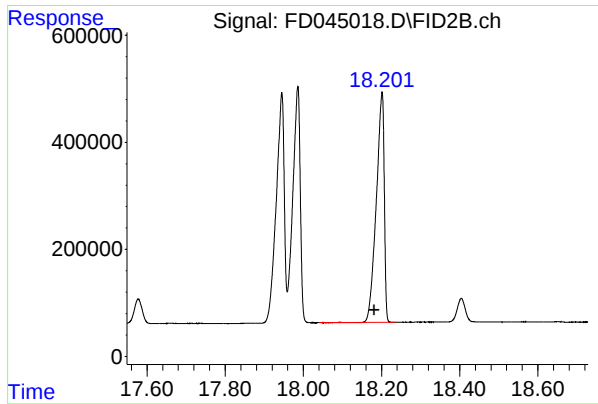
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.944 min
Delta R.T.: 0.016 min
Response: 6187382
Conc: 45.98 ug/ml



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

R.T.: 17.985 min
Delta R.T.: 0.015 min
Response: 5767807
Conc: 43.52 ug/ml



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

R.T.: 18.200 min

Delta R.T.: 0.018 min

Response: 6060619

Conc: 44.57 ug/ml

Instrument :

FID_D

ClientSampleId :

PB150811BS