

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045153.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 09:09
 Operator : YP/AJ
 Sample : PB151035BSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151035BSD

Integration File: autoint1.e
 Quant Time: Feb 25 03:00:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.556	7350394	54.805 ug/ml
Spiked Amount 50.000		Recovery =	109.61%
6) S 2-Fluorobiphenyl (SURR)	8.412	4848884	54.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.21%
11) S ortho-Terphenyl (SURR)	11.452	7117151	42.316 ug/ml
Spiked Amount 50.000		Recovery =	84.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	5453491	36.427 ug/ml
2) T Naphthalene (C11.7)	5.894	6263610	39.894 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	6283138	40.161 ug/ml
5) T Acenaphthylene (C15.06)	8.216	6660644	46.649 ug/ml
7) T Acenaphthene (C15.5)	8.512	6664579	44.196 ug/ml
8) T Fluorene (C16.55)	9.291	6732488	45.675 ug/ml
9) T Phenanthrene (C19.36)	10.682	6653769	45.965 ug/ml
10) T Anthracene (C19.43)	10.757	6570854	48.532 ug/ml
12) T Fluoranthene (C21.85)	12.488	6556762	45.745 ug/ml
13) T Pyrene (C20.8)	12.784	6475125	46.242 ug/ml
14) T Benzo[a]anthracene (C...	14.649	6092622	47.891 ug/ml
15) T Chrysene (C27.41)	14.692	6062061	45.782 ug/ml
16) T benzo[b]fluoranthene ...	16.192	6035792	46.022 ug/ml
17) T Bnezo[k]fluoranthene ...	16.227	5724485	44.143 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	5388445	41.980 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	5848663	46.564 ug/ml
20) T Dibenz[a,h]anthracene...	17.970	5564440	45.496 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	5680588	44.776 ug/ml

(f)=RT Delta > 1/2 Window

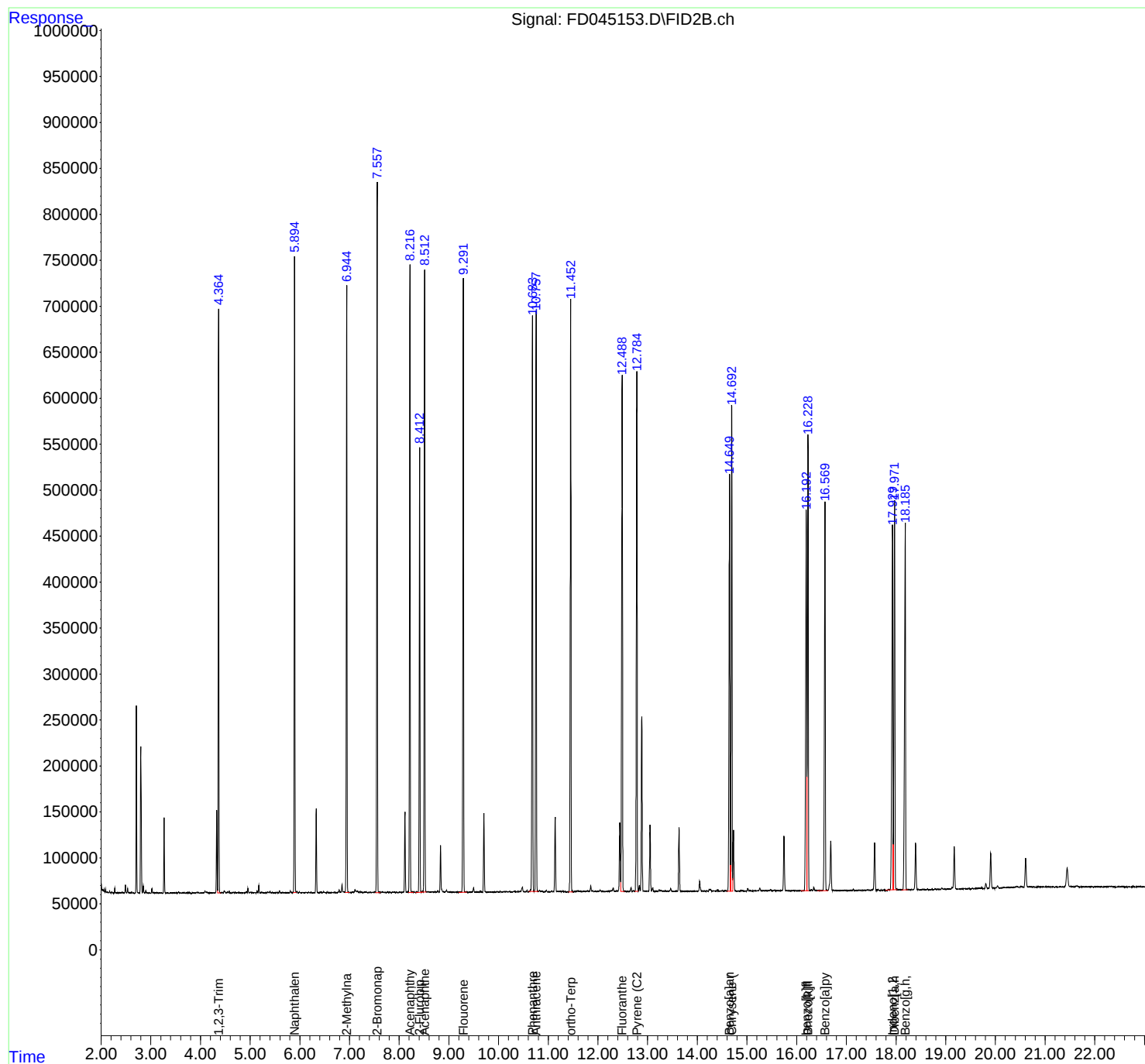
(m)=manual int.

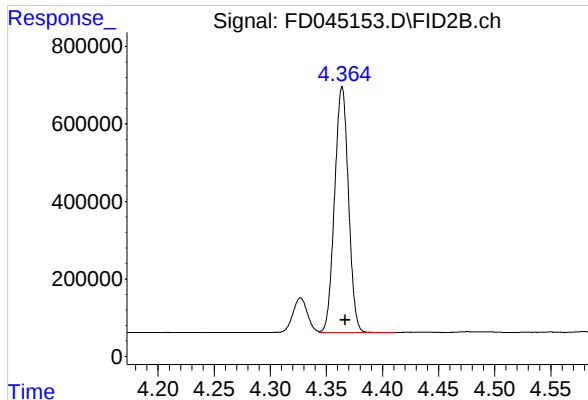
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Misc      :  
ALS Vial  : 75   Sample Multiplier: 1
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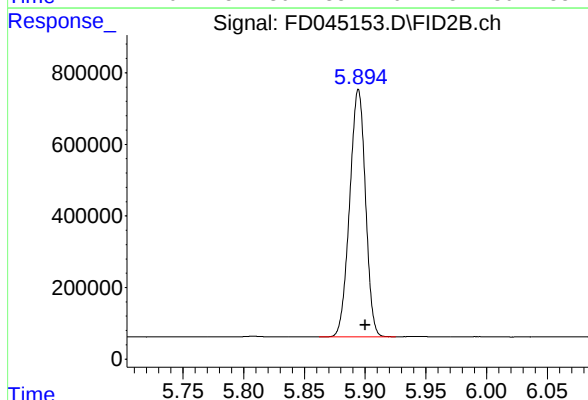




#1 1,2,3-Trimethylbenzene (C10.1)

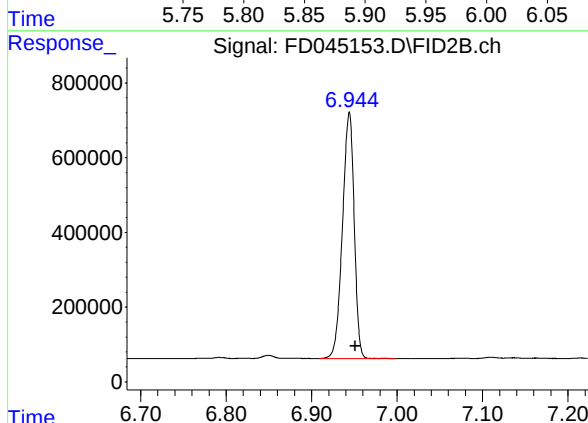
R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 5453491
Conc: 36.43 ug/ml

Instrument :
FID_D
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PB151035BSD



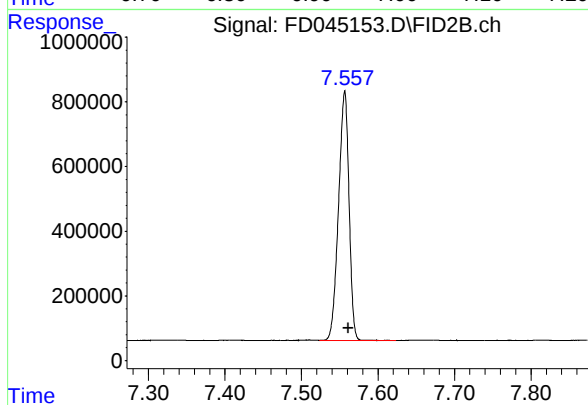
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 6263610
Conc: 39.89 ug/ml



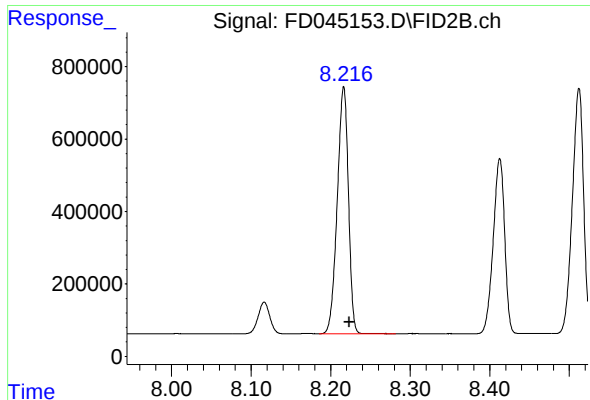
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.007 min
Response: 6283138
Conc: 40.16 ug/ml



#4 2-Bromonaphthalene (SURR)

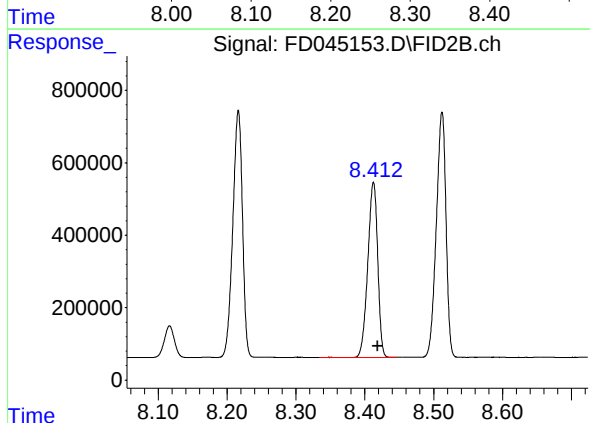
R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 7350394
Conc: 54.80 ug/ml



#5 Acenaphthylene (C15.06)

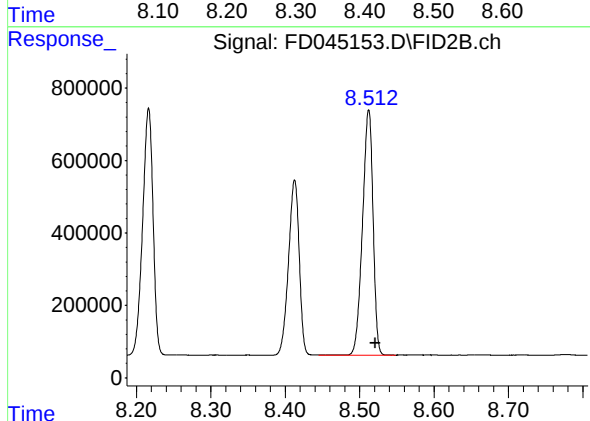
R.T.: 8.216 min
Delta R.T.: -0.007 min
Response: 6660644
Conc: 46.65 ug/ml

Instrument :
FID_D
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PB151035BSD



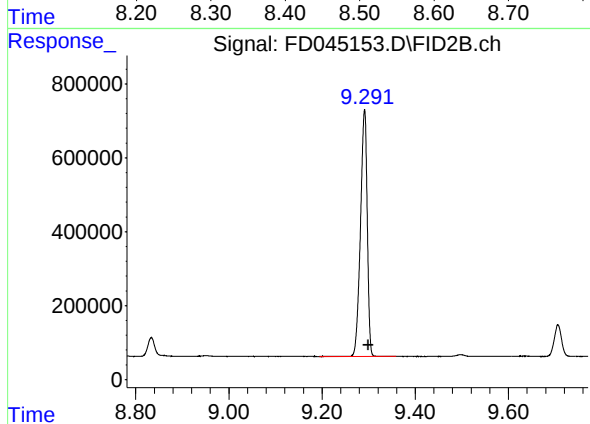
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 4848884
Conc: 54.10 ug/ml



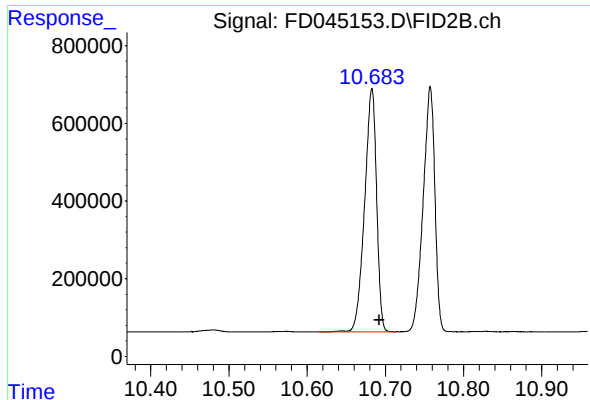
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.009 min
Response: 6664579
Conc: 44.20 ug/ml



#8 Flouorene (C16.55)

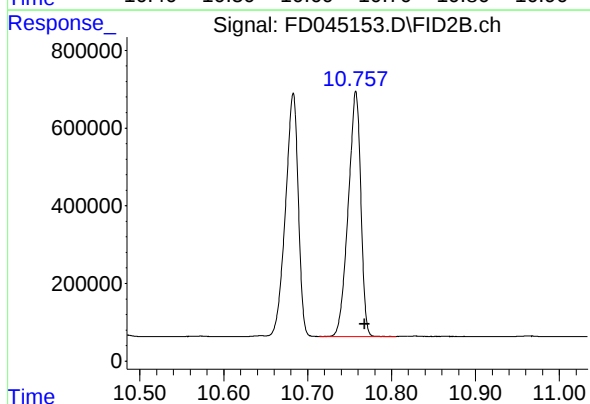
R.T.: 9.291 min
Delta R.T.: -0.009 min
Response: 6732488
Conc: 45.68 ug/ml



#9 Phenanthrene (C19.36)

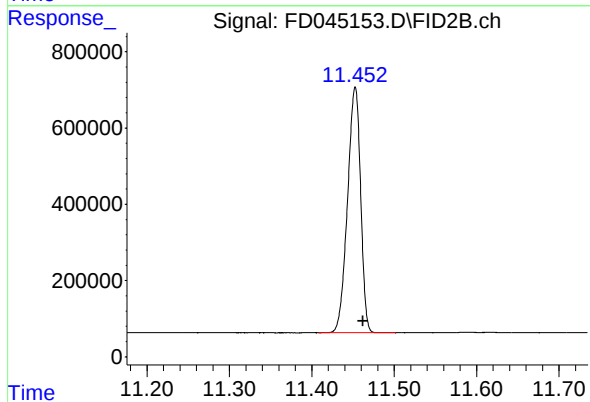
R.T.: 10.682 min
Delta R.T.: -0.010 min
Response: 6653769
Conc: 45.96 ug/ml

Instrument :
FID_D
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PB151035BSD



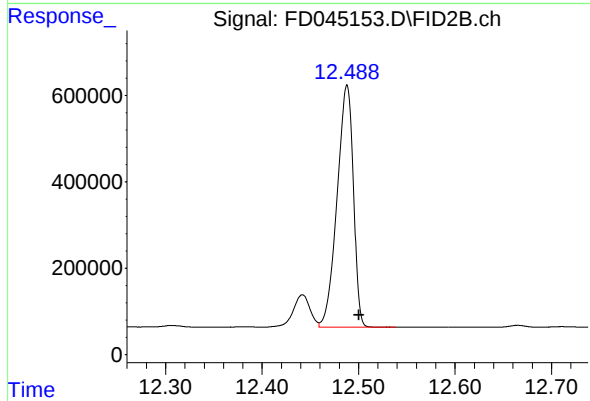
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.011 min
Response: 6570854
Conc: 48.53 ug/ml



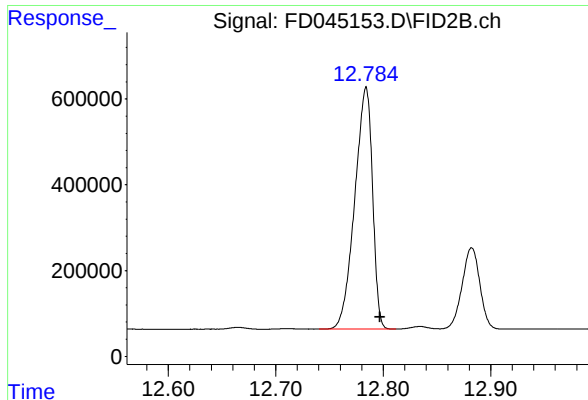
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.010 min
Response: 7117151
Conc: 42.32 ug/ml



#12 Fluoranthene (C21.85)

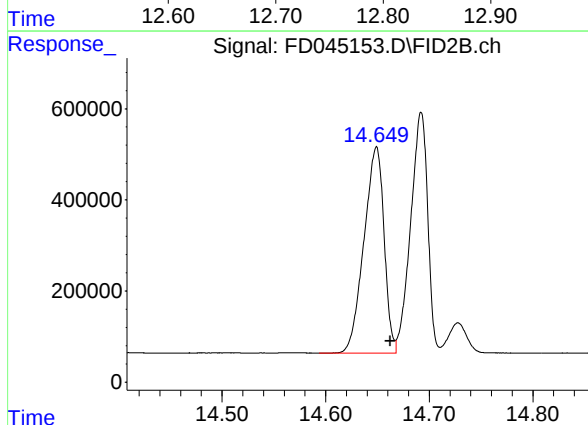
R.T.: 12.488 min
Delta R.T.: -0.012 min
Response: 6556762
Conc: 45.75 ug/ml



#13 Pyrene (C20.8)

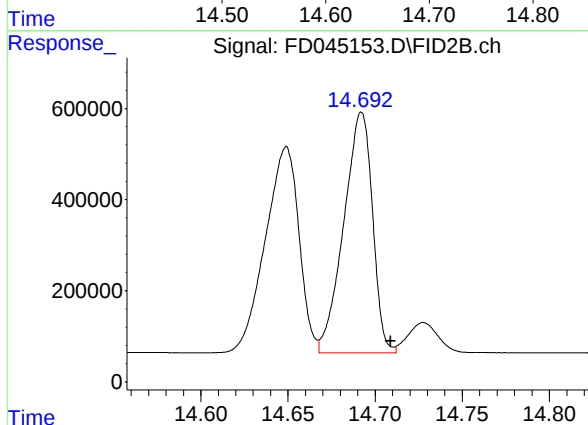
R.T.: 12.784 min
Delta R.T.: -0.013 min
Response: 6475125
Conc: 46.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151035BSD



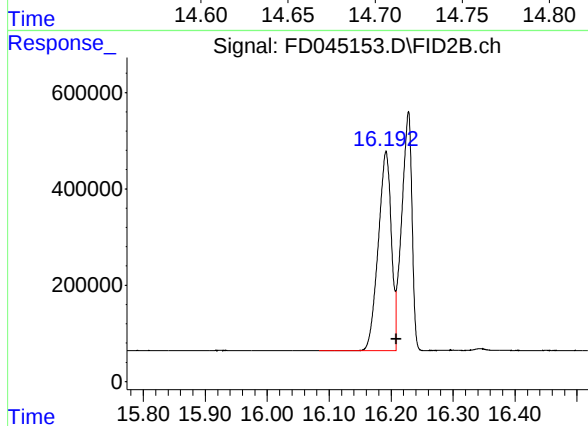
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: -0.014 min
Response: 6092622
Conc: 47.89 ug/ml



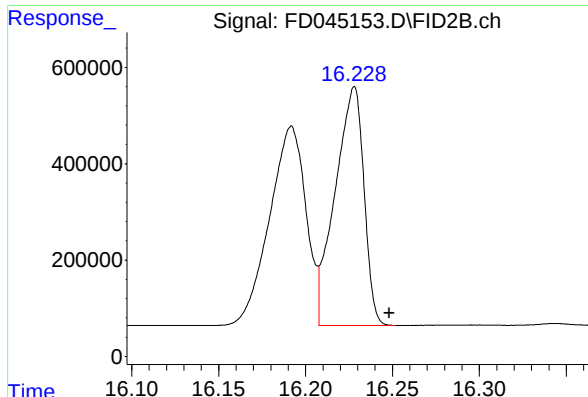
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: -0.017 min
Response: 6062061
Conc: 45.78 ug/ml



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

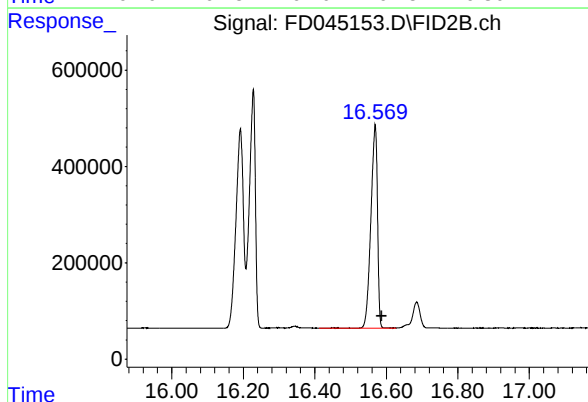
R.T.: 16.192 min
Delta R.T.: -0.017 min
Response: 6035792
Conc: 46.02 ug/ml



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

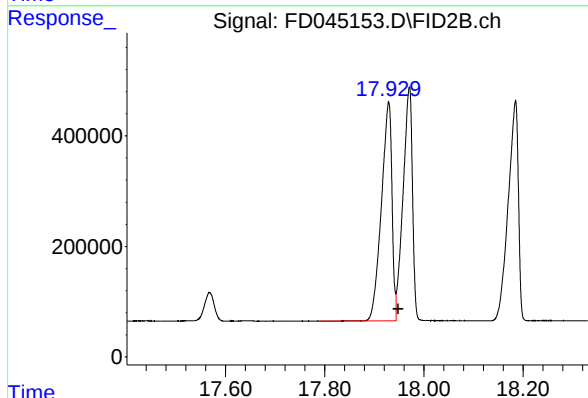
R.T.: 16.227 min
Delta R.T.: -0.021 min
Response: 5724485
Conc: 44.14 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151035BSD



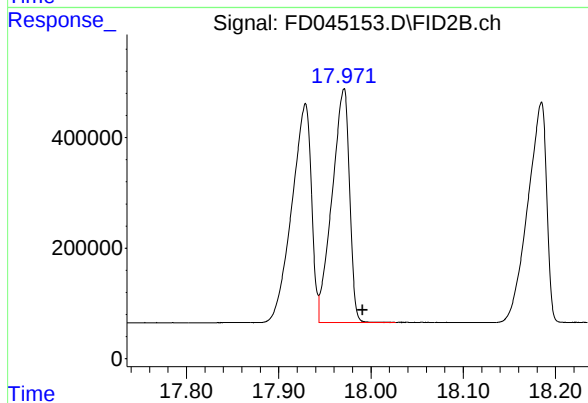
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.019 min
Response: 5388445
Conc: 41.98 ug/ml



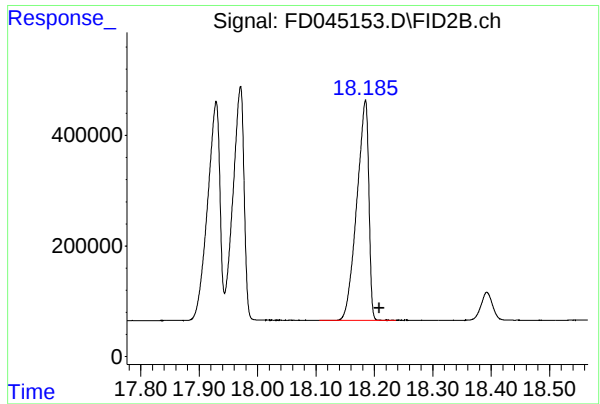
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: -0.020 min
Response: 5848663
Conc: 46.56 ug/ml



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

R.T.: 17.970 min
Delta R.T.: -0.021 min
Response: 5564440
Conc: 45.50 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.024 min
Response: 5680588
Conc: 44.78 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151035BSD