

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046334.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 16:48
 Operator : YP/AJ
 Sample : PB154859BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154859BS

Integration File: autoint1.e
 Quant Time: Aug 16 23:47:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

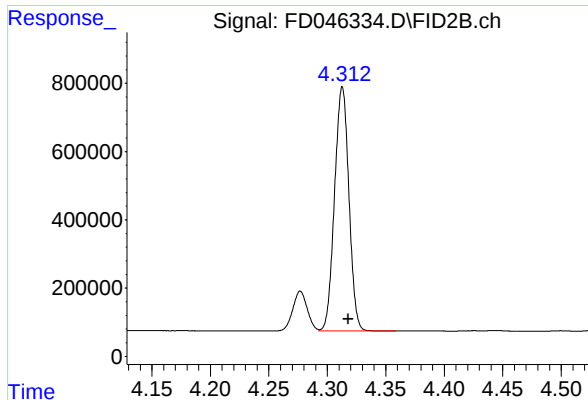
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.501	8758174	58.591 ug/ml
Spiked Amount 50.000		Recovery =	117.18%
6) S 2-Fluorobiphenyl (SURR)	8.356	5743081	61.349 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.70%
11) S ortho-Terphenyl (SURR)	11.395	9160950	52.456 ug/ml
Spiked Amount 50.000		Recovery =	104.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	6112598	33.550 ug/ml
2) T Naphthalene (C11.7)	5.839	6929804	38.368 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	7148273	40.615 ug/ml
5) T Acenaphthylene (C15.06)	8.159	7625527	49.978 ug/ml
7) T Acenaphthene (C15.5)	8.455	7531159	46.186 ug/ml
8) T Fluorene (C16.55)	9.233	7860354	51.658 ug/ml
9) T Phenanthrene (C19.36)	10.623	8153203	56.621 ug/ml
10) T Anthracene (C19.43)	10.699	8056431	61.560 ug/ml
12) T Fluoranthene (C21.85)	12.428	8370466	59.904 ug/ml
13) T Pyrene (C20.8)	12.724	8445861	60.939 ug/ml
14) T Benzo[a]anthracene (C...	14.587	8005474	60.989 ug/ml
15) T Chrysene (C27.41)	14.632	8160394	57.874 ug/ml
16) T benzo[b]fluoranthene ...	16.129	7685519	56.195 ug/ml
17) T Bnezo[k]fluoranthene ...	16.166	7646358	55.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	7179358	55.146 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.864	6968117	57.936 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	6681152	52.239 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	6604622	52.059 ug/ml

(f)=RT Delta > 1/2 Window

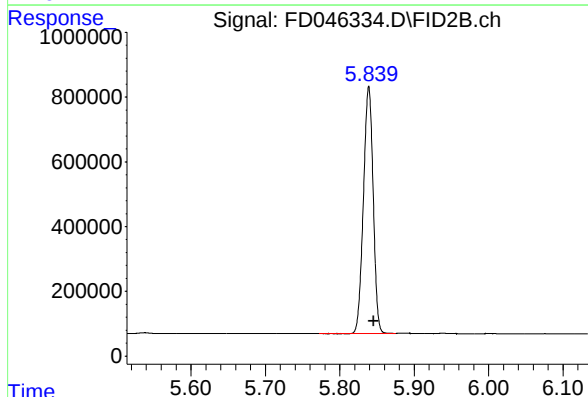
(m)=manual int.



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

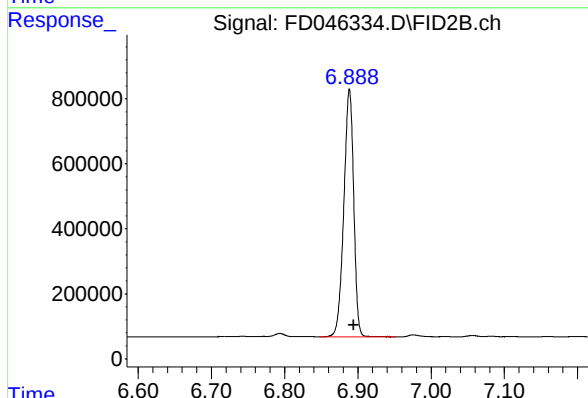
R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 6112598
Conc: 33.55 ug/ml

Instrument :
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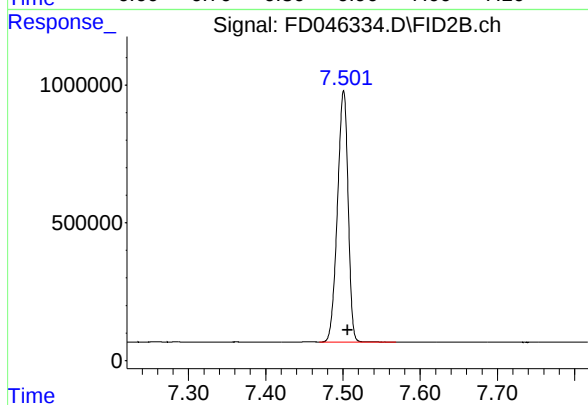
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.007 min
Response: 6929804
Conc: 38.37 ug/ml



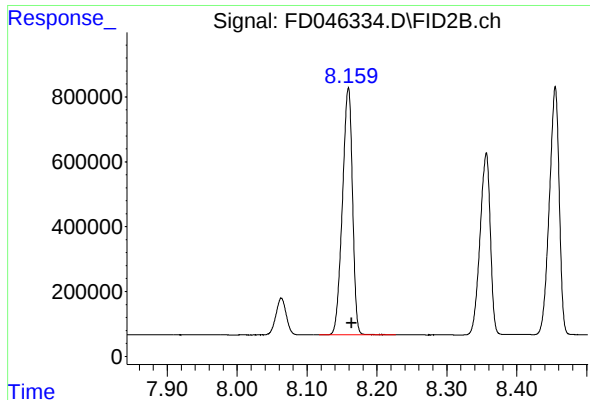
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.006 min
Response: 7148273
Conc: 40.61 ug/ml



#4 2-Bromonaphthalene (SURR)

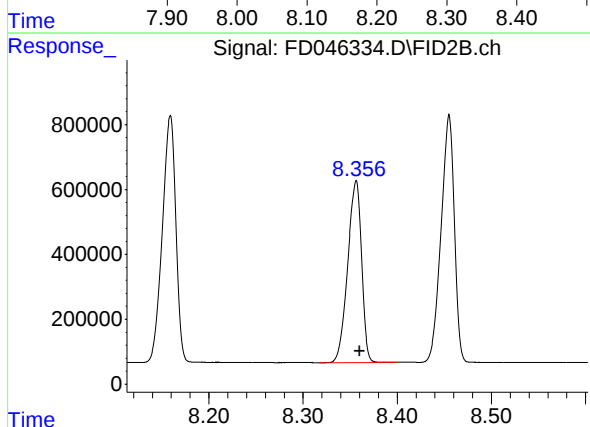
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 8758174
Conc: 58.59 ug/ml



#5 Acenaphthylene (C15.06)

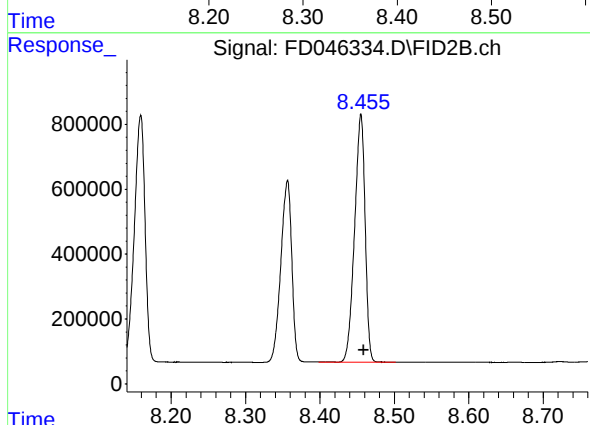
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 7625527
Conc: 49.98 ug/ml

Instrument :
FID_D
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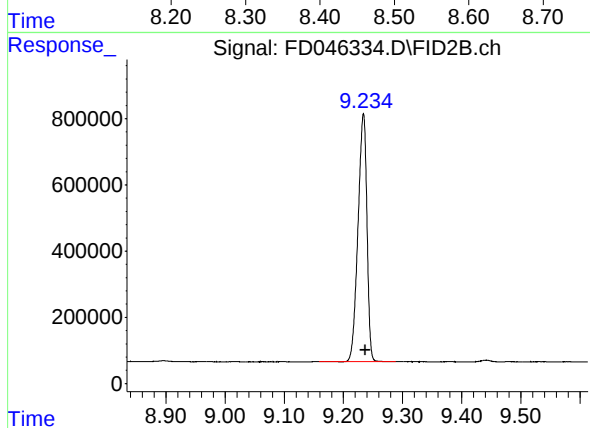
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 5743081
Conc: 61.35 ug/ml



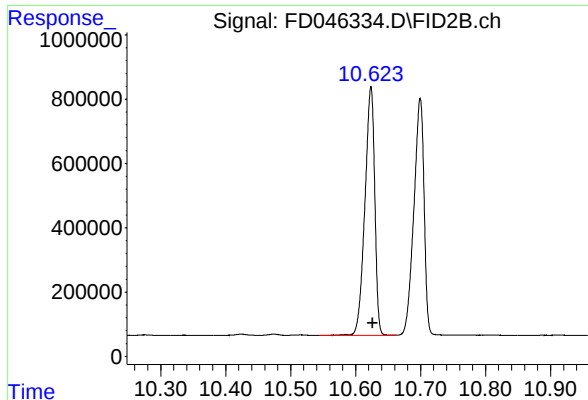
#7 Acenaphthene (C15.5)

R.T.: 8.455 min
Delta R.T.: -0.004 min
Response: 7531159
Conc: 46.19 ug/ml



#8 Fluorene (C16.55)

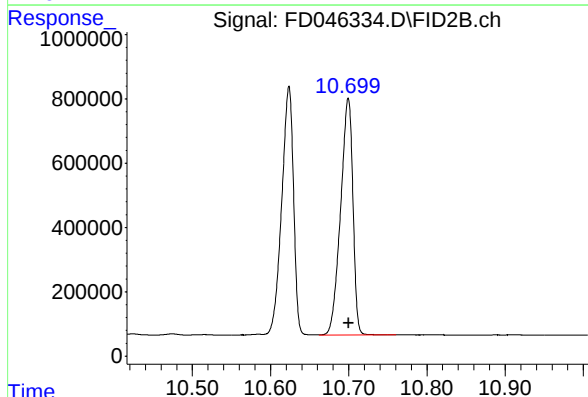
R.T.: 9.233 min
Delta R.T.: -0.004 min
Response: 7860354
Conc: 51.66 ug/ml



#9 Phenanthrene (C19.36)

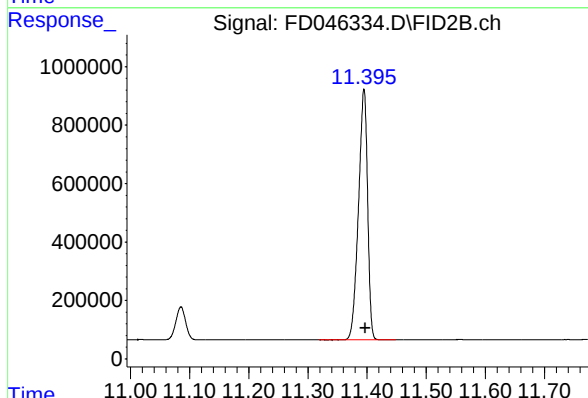
R.T.: 10.623 min
Delta R.T.: -0.003 min
Response: 8153203
Conc: 56.62 ug/ml

Instrument :
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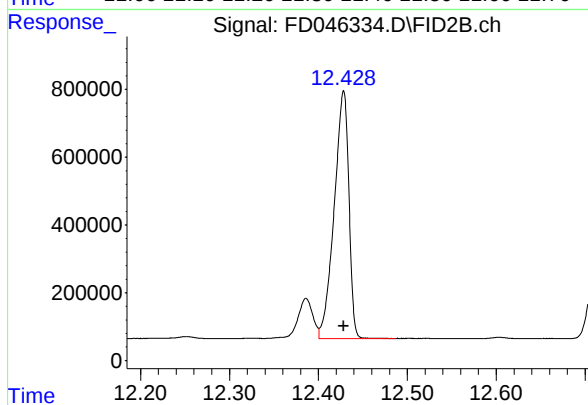
#10 Anthracene (C19.43)

R.T.: 10.699 min
Delta R.T.: 0.000 min
Response: 8056431
Conc: 61.56 ug/ml



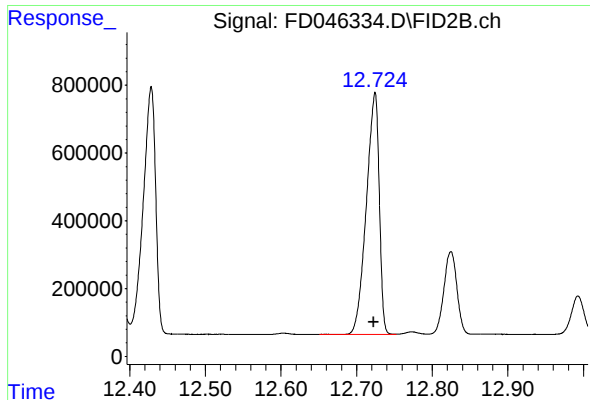
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.003 min
Response: 9160950
Conc: 52.46 ug/ml



#12 Fluoranthene (C21.85)

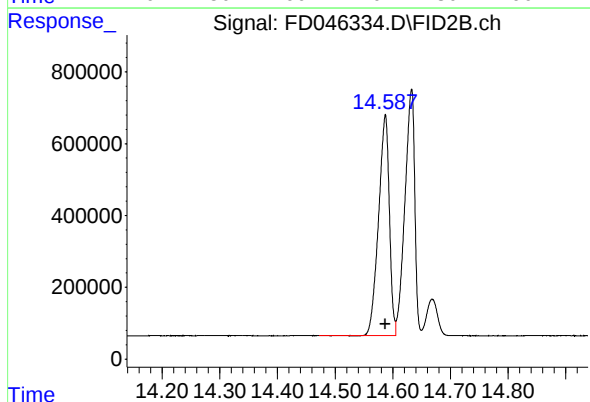
R.T.: 12.428 min
Delta R.T.: 0.000 min
Response: 8370466
Conc: 59.90 ug/ml



#13 Pyrene (C20.8)

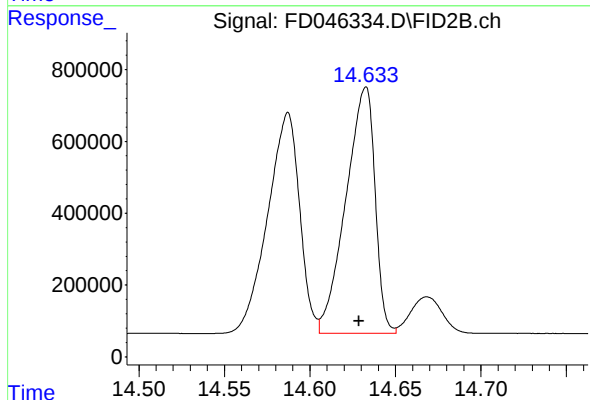
R.T.: 12.724 min
Delta R.T.: 0.001 min
Response: 8445861
Conc: 60.94 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154859BS



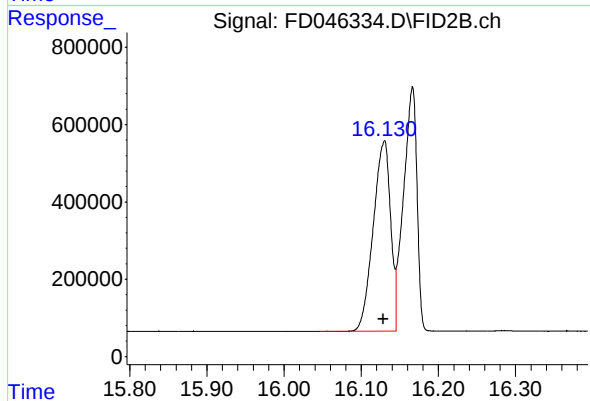
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 8005474
Conc: 60.99 ug/ml



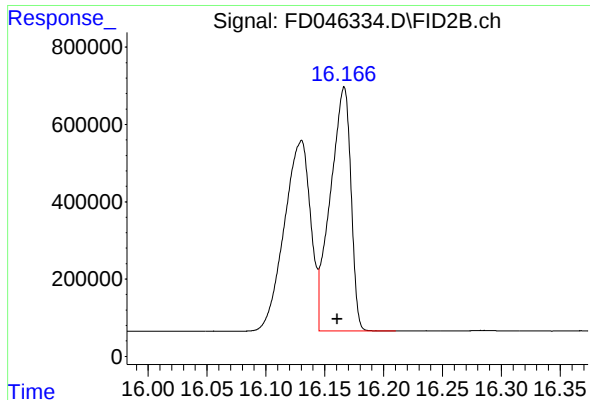
#15 Chrysene (C27.41)

R.T.: 14.632 min
Delta R.T.: 0.003 min
Response: 8160394
Conc: 57.87 ug/ml



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

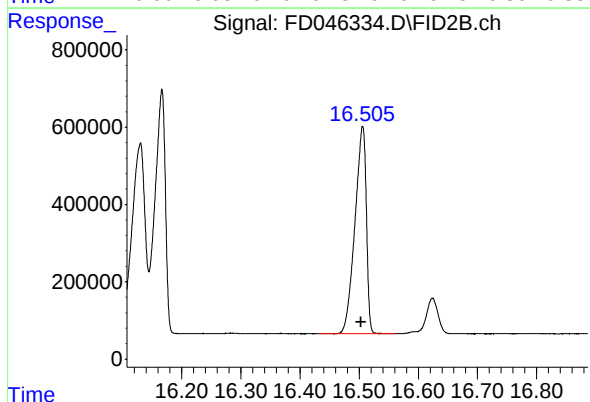
R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 7685519
Conc: 56.20 ug/ml



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

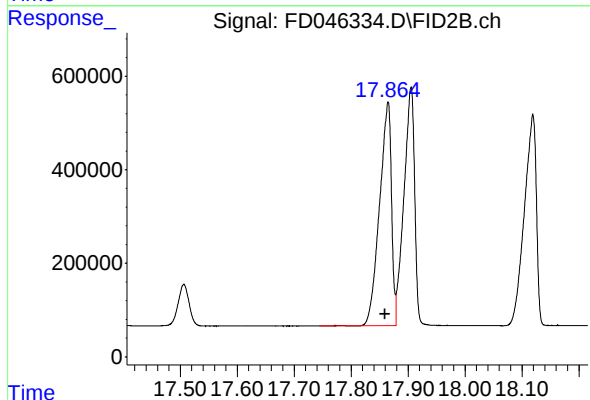
R.T.: 16.166 min
Delta R.T.: 0.005 min
Response: 7646358
Conc: 55.78 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154859BS



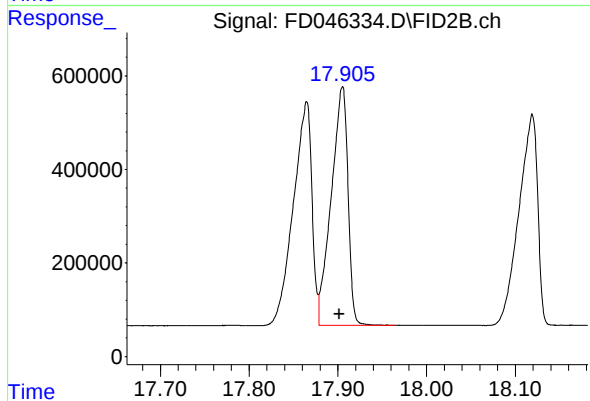
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.002 min
Response: 7179358
Conc: 55.15 ug/ml



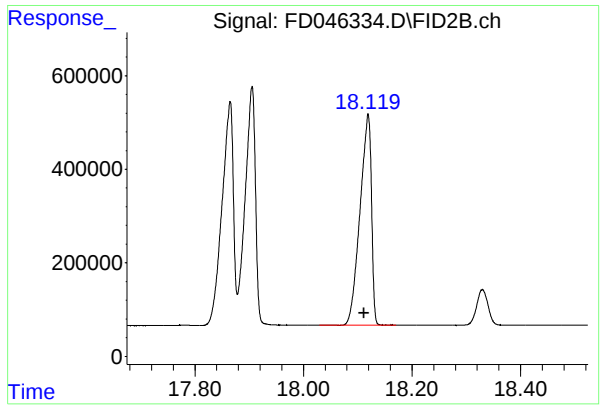
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.864 min
Delta R.T.: 0.005 min
Response: 6968117
Conc: 57.94 ug/ml



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

R.T.: 17.905 min
Delta R.T.: 0.003 min
Response: 6681152
Conc: 52.24 ug/ml



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

R.T.: 18.118 min
Delta R.T.: 0.007 min
Response: 6604622
Conc: 52.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154859BS