

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046287.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 17:55
 Operator : YP/AJ
 Sample : 03572-07
 Misc : LOD 4 PPM
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 04:54:14 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

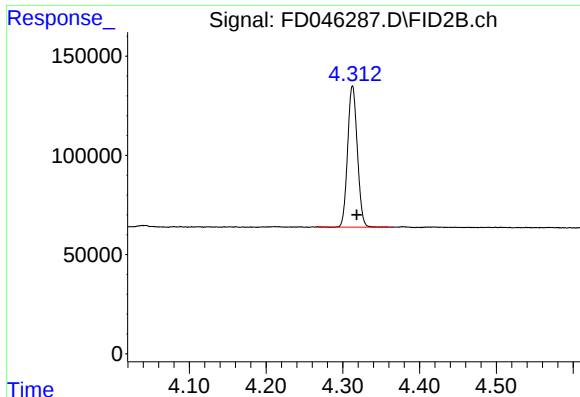
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.501	5035612	33.688 ug/ml
Spiked Amount 50.000		Recovery =	67.38%
6) S 2-Fluorobiphenyl (SURR)	8.355	3170338	33.867 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.73%
11) S ortho-Terphenyl (SURR)	11.395	8054008	46.118 ug/ml
Spiked Amount 50.000		Recovery =	92.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	624475	3.427 ug/ml
2) T Naphthalene (C11.7)	5.840	618135	3.422 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	592874	3.369 ug/ml
5) T Acenaphthylene (C15.06)	8.157	516924	3.388 ug/ml
7) T Acenaphthene (C15.5)	8.451	560975	3.440 ug/ml
8) T Flouorene (C16.55)	9.230	503220	3.307 ug/ml
9) T Phenanthrene (C19.36)	10.619	482037	3.348 ug/ml
10) T Anthracene (C19.43)	10.693	426910	3.262 ug/ml
12) T Fluoranthene (C21.85)	12.421	490931	3.513 ug/ml
13) T Pyrene (C20.8)	12.715	492356	3.552 ug/ml
14) T Benzo[a]anthracene (C...	14.578	386478	2.944 ug/ml
15) T Chrysene (C27.41)	14.620	554174	3.930 ug/ml
16) T benzo[b]fluoranthene ...	16.118	405204	2.963 ug/ml
17) T Bnezo[k]fluoranthene ...	16.149	428718	3.128 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.494	367170	2.820 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	255750	2.126 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	296999	2.322 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	302406	2.384 ug/ml

(f)=RT Delta > 1/2 Window

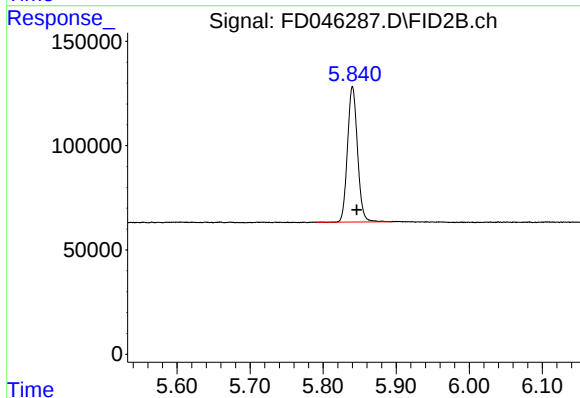
(m)=manual int.



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

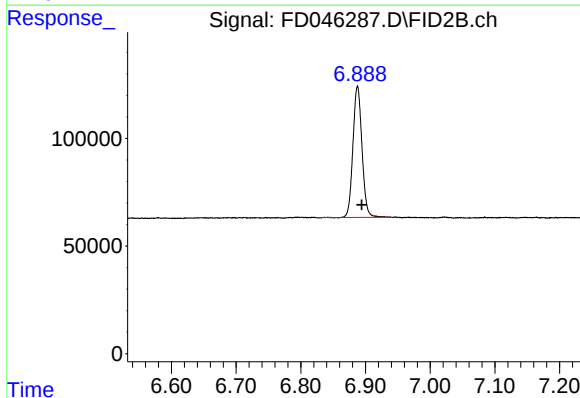
R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 624475
Conc: 3.43 ug/ml

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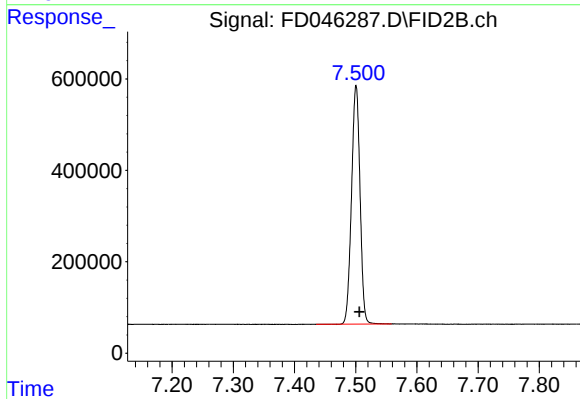
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.005 min
Response: 618135
Conc: 3.42 ug/ml



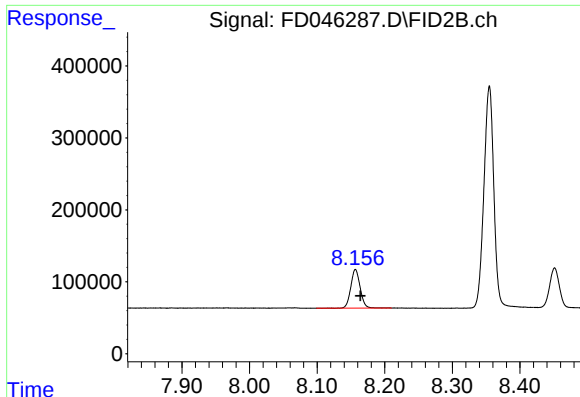
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 592874
Conc: 3.37 ug/ml



#4 2-Bromonaphthalene (SURR)

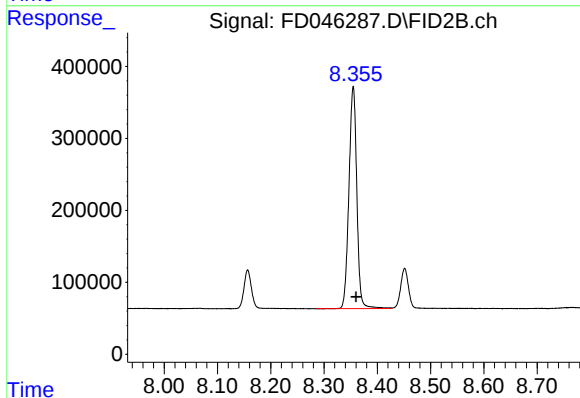
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 5035612
Conc: 33.69 ug/ml



#5 Acenaphthylene (C15.06)

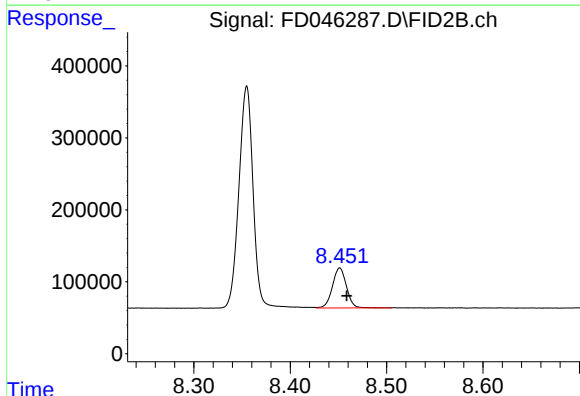
R.T.: 8.157 min
Delta R.T.: -0.007 min
Response: 516924
Conc: 3.39 ug/ml

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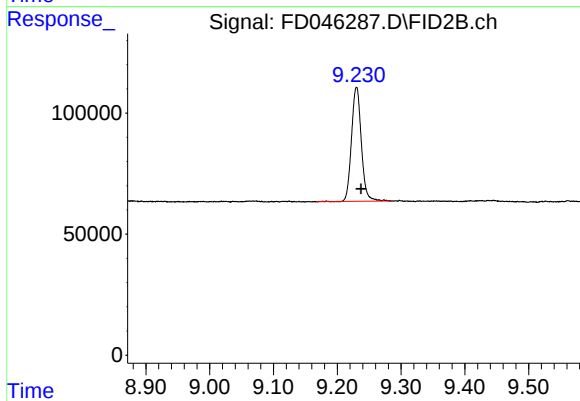
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 3170338
Conc: 33.87 ug/ml



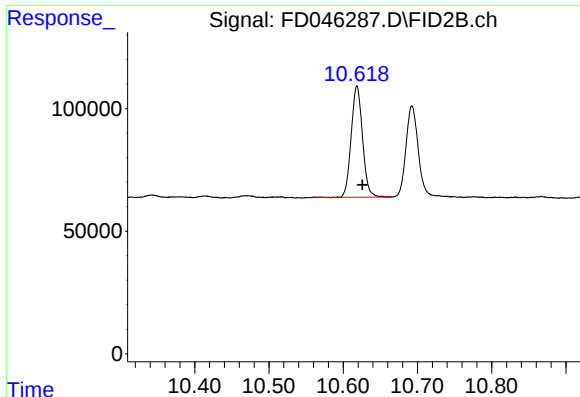
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.007 min
Response: 560975
Conc: 3.44 ug/ml



#8 Fluorene (C16.55)

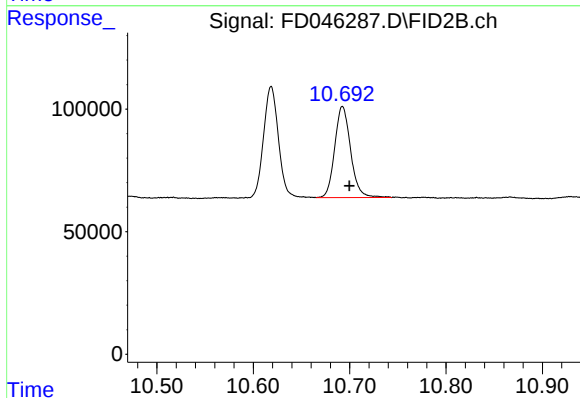
R.T.: 9.230 min
Delta R.T.: -0.007 min
Response: 503220
Conc: 3.31 ug/ml



#9 Phenanthrene (C19.36)

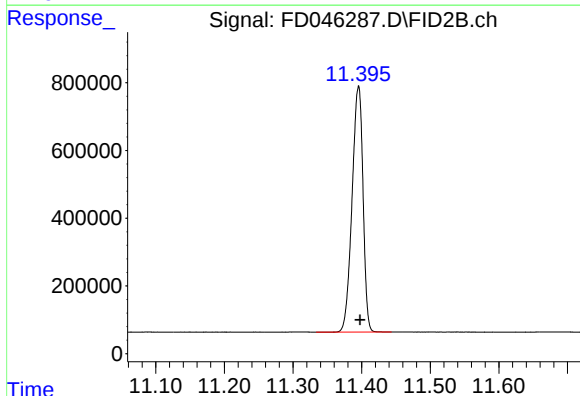
R.T.: 10.619 min
Delta R.T.: -0.007 min
Response: 482037
Conc: 3.35 ug/ml

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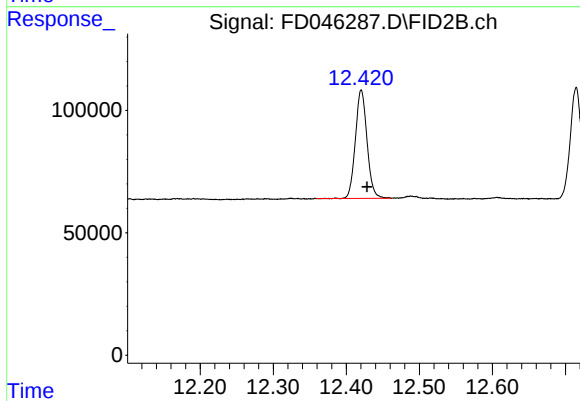
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.007 min
Response: 426910
Conc: 3.26 ug/ml



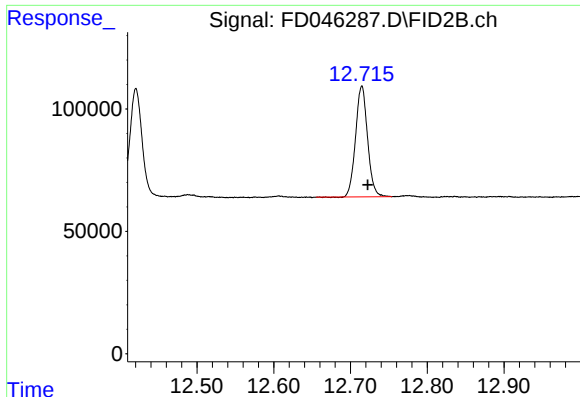
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.002 min
Response: 8054008
Conc: 46.12 ug/ml



#12 Fluoranthene (C21.85)

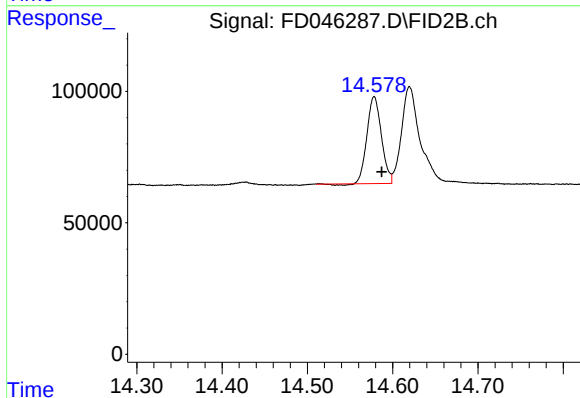
R.T.: 12.421 min
Delta R.T.: -0.008 min
Response: 490931
Conc: 3.51 ug/ml



#13 Pyrene (C20.8)

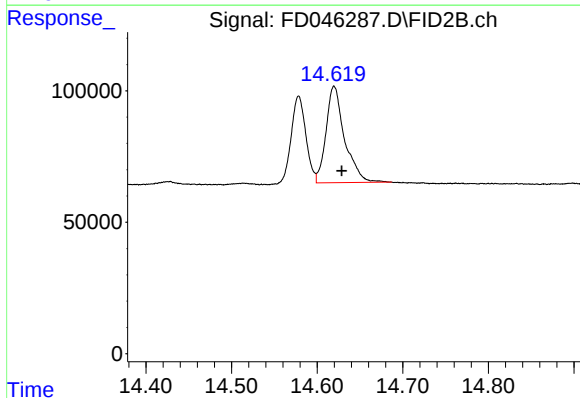
R.T.: 12.715 min
Delta R.T.: -0.008 min
Response: 492356
Conc: 3.55 ug/ml

Instrument :
FID_D
ClientSampleId :
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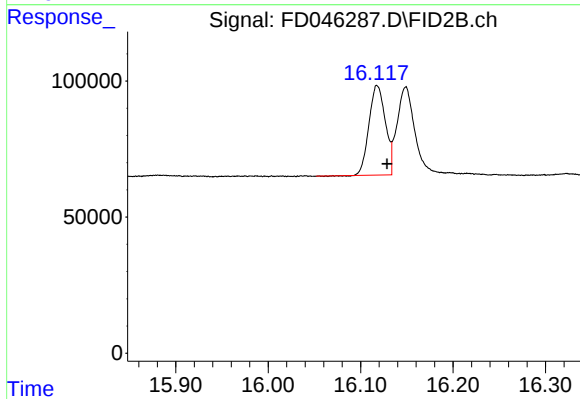
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.009 min
Response: 386478
Conc: 2.94 ug/ml



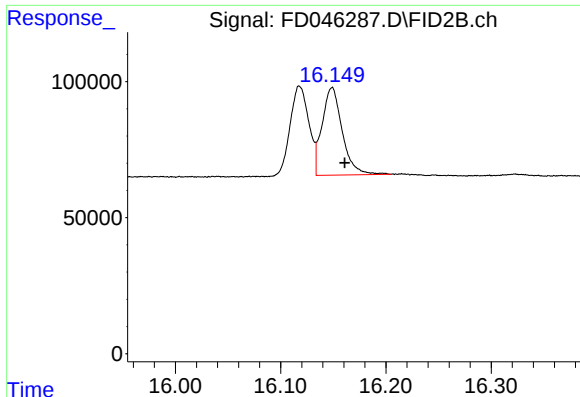
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.009 min
Response: 554174
Conc: 3.93 ug/ml



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

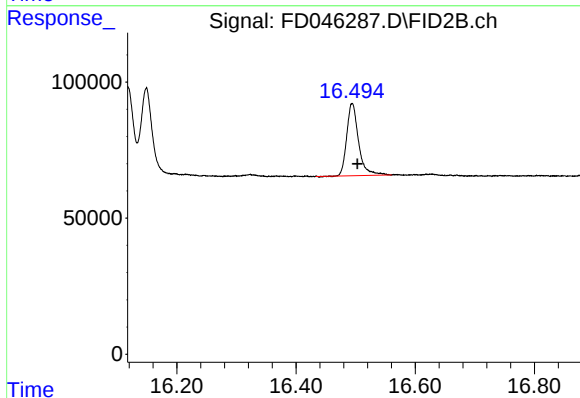
R.T.: 16.118 min
Delta R.T.: -0.011 min
Response: 405204
Conc: 2.96 ug/ml



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

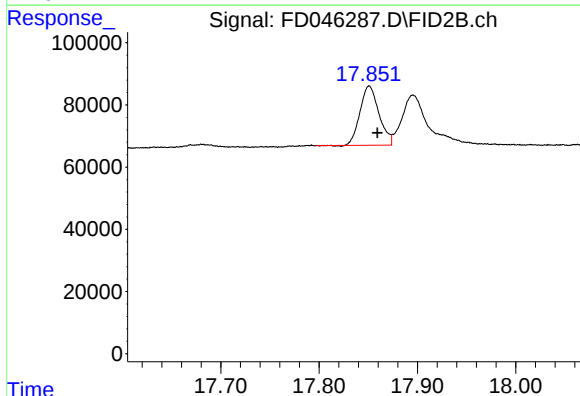
R.T.: 16.149 min
Delta R.T.: -0.012 min
Response: 428718
Conc: 3.13 ug/ml

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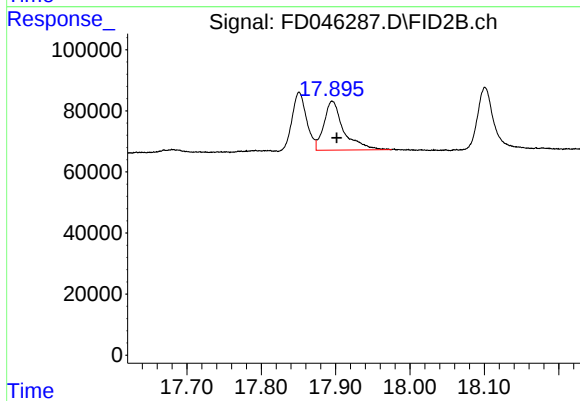
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.494 min
Delta R.T.: -0.009 min
Response: 367170
Conc: 2.82 ug/ml



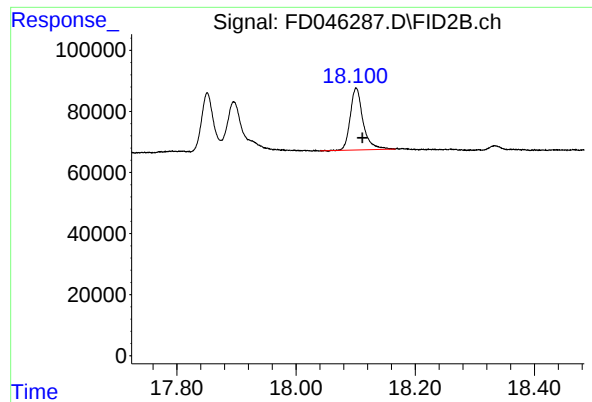
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: -0.008 min
Response: 255750
Conc: 2.13 ug/ml



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

R.T.: 17.896 min
Delta R.T.: -0.006 min
Response: 296999
Conc: 2.32 ug/ml



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

R.T.: 18.101 min
Delta R.T.: -0.010 min
Response: 302406
Conc: 2.38 ug/ml

Instrument :
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