

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AR\
 Data File : FD035217.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2020 23:39
 Operator : DD\AJ
 Sample : L4551-05MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B1-AMSD

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Integration File: autoint1.e
 Quant Time: Oct 30 03:24:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

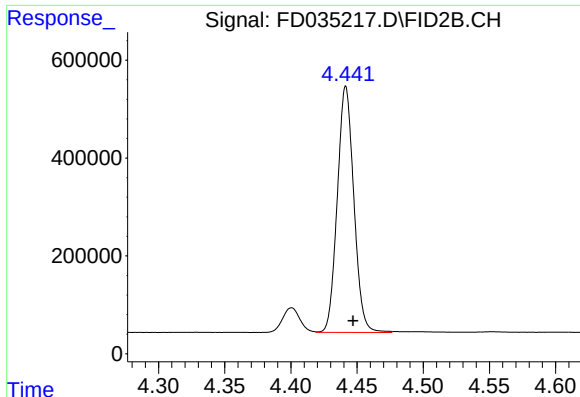
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.646	5685325	49.323 ug/ml
Spiked Amount 50.000		Recovery =	98.65%
6) S 2-Fluorobiphenyl (SURR)	8.511	3949577	49.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.36%
11) S ortho-Terphenyl (SURR)	11.551	4071799	30.890 ug/mlm
Spiked Amount 50.000		Recovery =	61.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	4376644	33.652 ug/mlm
2) T Naphthalene (C11.7)	5.982	5179199	38.083 ug/ml
3) T 2-Methylnaphthalene (...)	7.035	5588661	41.007 ug/ml
5) T Acenaphthylene (C15.06)	8.313	5899542	44.361 ug/ml
7) T Acenaphthene (C15.5)	8.609	6246305	46.173 ug/ml
8) T Flouorene (C16.55)	9.391	6724993	51.836 ug/ml
9) T Phenanthrene (C19.36)	10.791	6360059	50.181 ug/mlm
10) T Anthracene (C19.43)	10.866	6247757	48.884 ug/mlm
12) T Fluoranthene (C21.85)	12.606	6030044	48.405 ug/mlm
13) T Pyrene (C20.8)	12.902	5887327	48.171 ug/ml
14) T Benzo[a]anthracene (C...	14.774	5216725	49.213 ug/ml
15) T Chrysene (C27.41)	14.817	5882309	50.269 ug/ml
16) T benzo[b]fluoranthene ...	16.324	5001250	48.728 ug/ml
17) T Bnezo[k]fluoranthene ...	16.358	4844152	46.191 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.703	4435399	46.831 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.071	4800681	54.130 ug/ml
20) T Dibenz[a,h]anthracene...	18.107	4800296	47.346 ug/ml
21) T Benzo[g,h,i]perylene ...	18.327	4794283	50.173 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



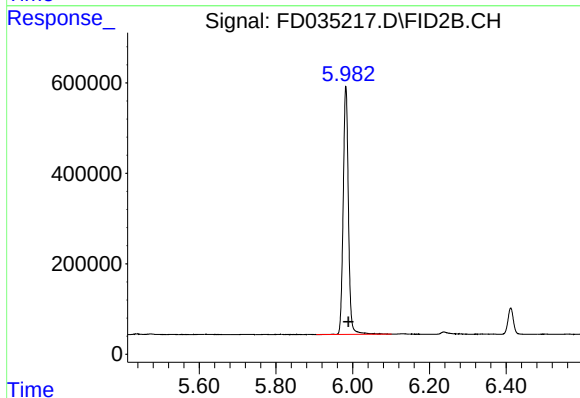
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.441 min
Delta R.T.: -0.006 min
Response: 4376644
Conc: 33.65 ug/ml m

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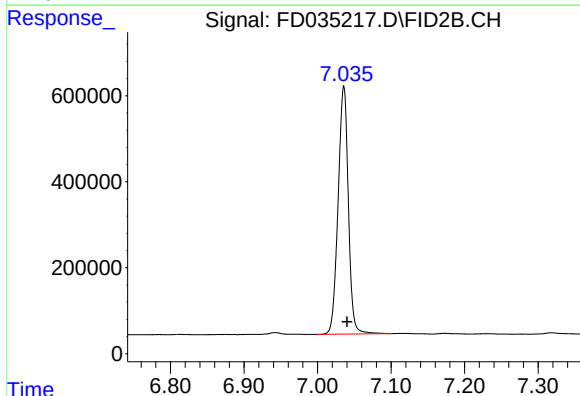
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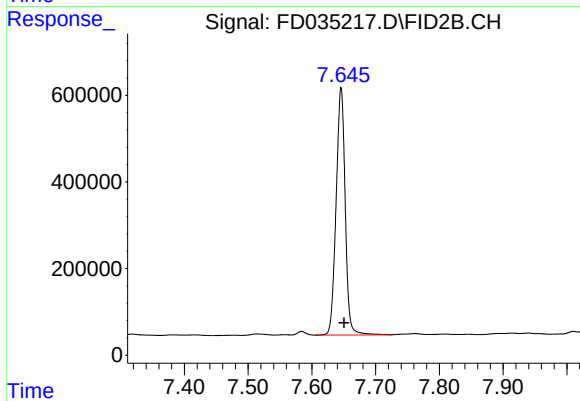
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.006 min
Response: 5179199
Conc: 38.08 ug/ml



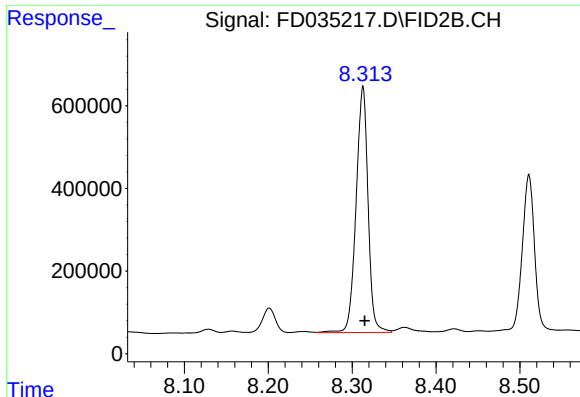
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 5588661
Conc: 41.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 5685325
Conc: 49.32 ug/ml



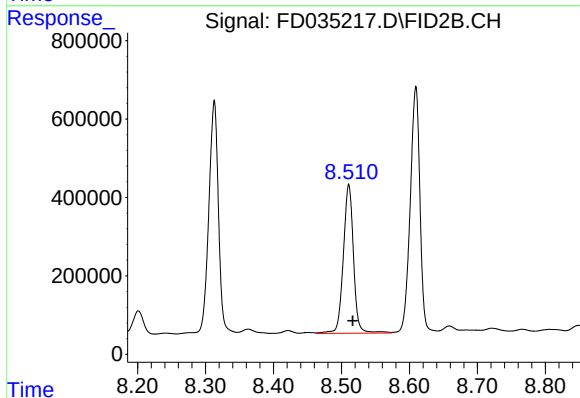
#5 Acenaphthylene (C15.06)

R.T.: 8.313 min
Delta R.T.: -0.002 min
Response: 5899542
Conc: 44.36 ug/ml

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B1-AMSD

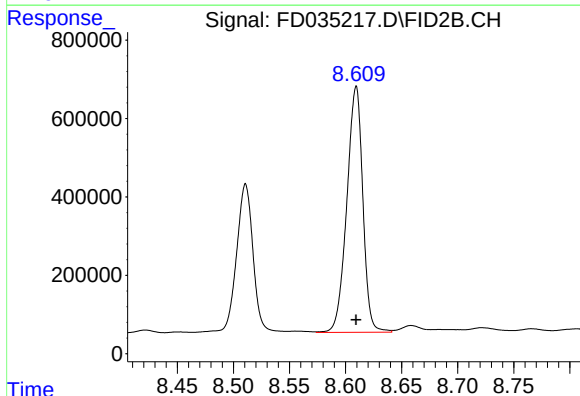
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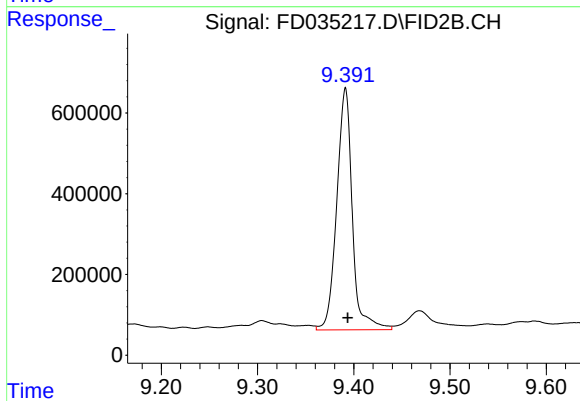
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.511 min
Delta R.T.: -0.006 min
Response: 3949577
Conc: 49.68 ug/ml



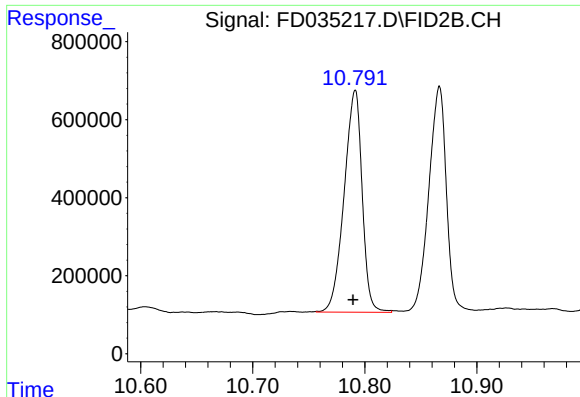
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 6246305
Conc: 46.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 6724993
Conc: 51.84 ug/ml



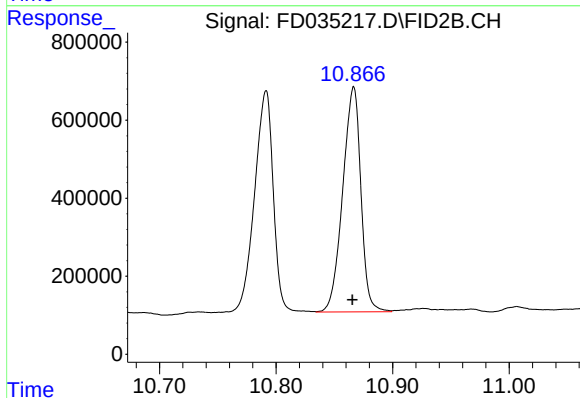
#9 Phenanthrene (C19.36)

R.T.: 10.791 min
Delta R.T.: 0.002 min
Response: 6360059
Conc: 50.18 ug/ml m

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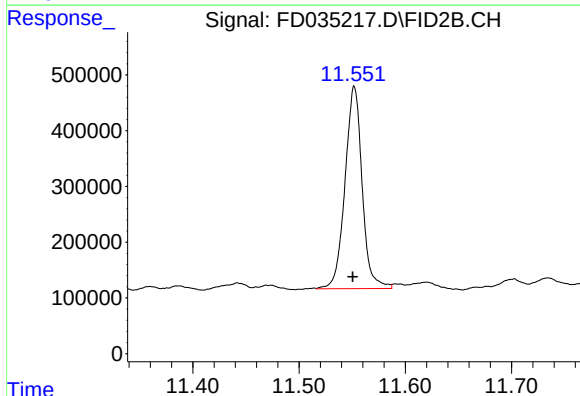
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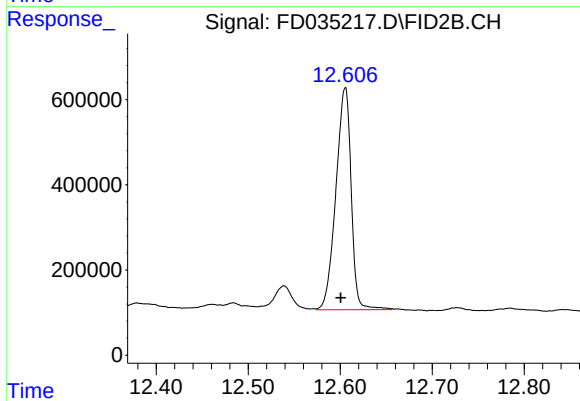
#10 Anthracene (C19.43)

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 6247757
Conc: 48.88 ug/ml m



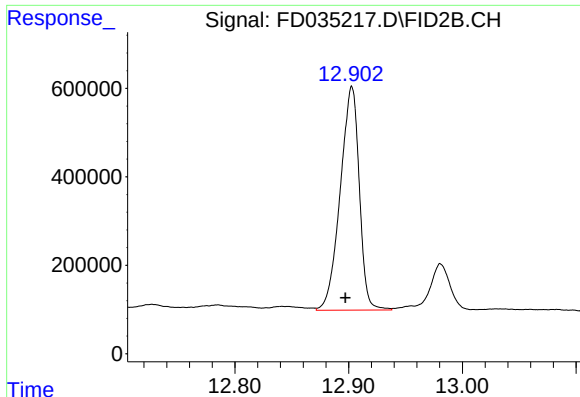
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 4071799
Conc: 30.89 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: 0.005 min
Response: 6030044
Conc: 48.40 ug/ml m



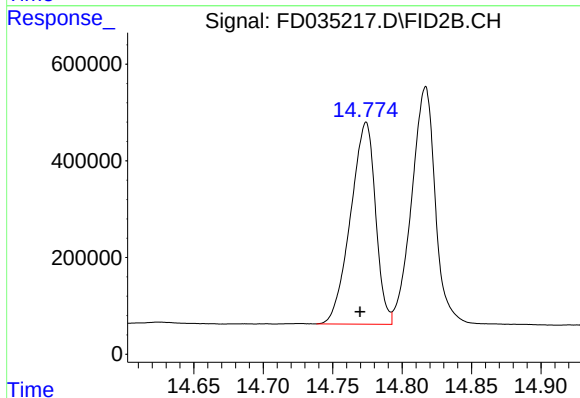
#13 Pyrene (C20.8)

R.T.: 12.902 min
Delta R.T.: 0.005 min
Response: 5887327
Conc: 48.17 ug/ml

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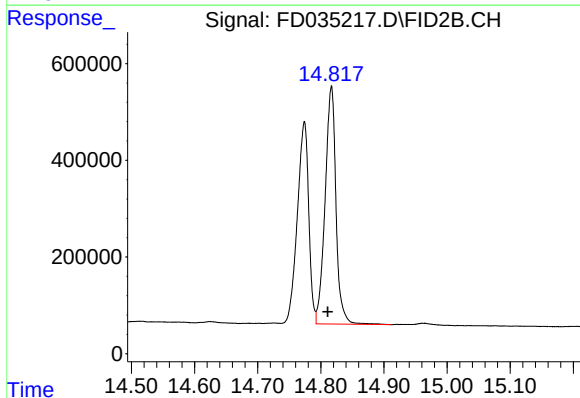
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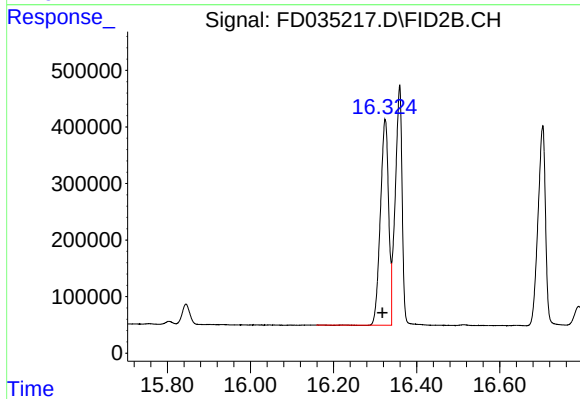
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.774 min
Delta R.T.: 0.004 min
Response: 5216725
Conc: 49.21 ug/ml



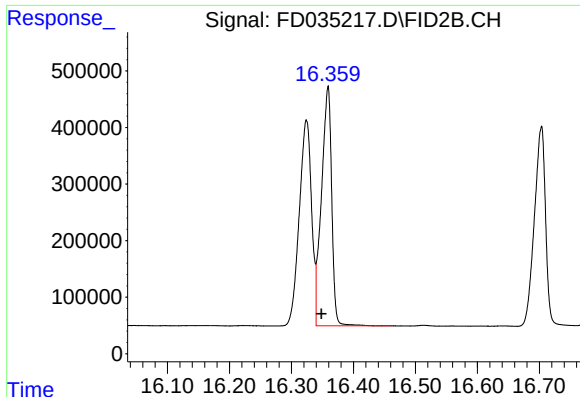
#15 Chrysene (C27.41)

R.T.: 14.817 min
Delta R.T.: 0.006 min
Response: 5882309
Conc: 50.27 ug/ml



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

R.T.: 16.324 min
Delta R.T.: 0.006 min
Response: 5001250
Conc: 48.73 ug/ml



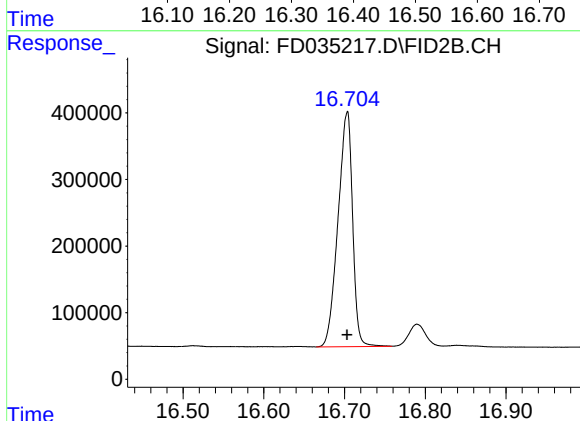
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.358 min
Delta R.T.: 0.010 min
Response: 4844152
Conc: 46.19 ug/ml

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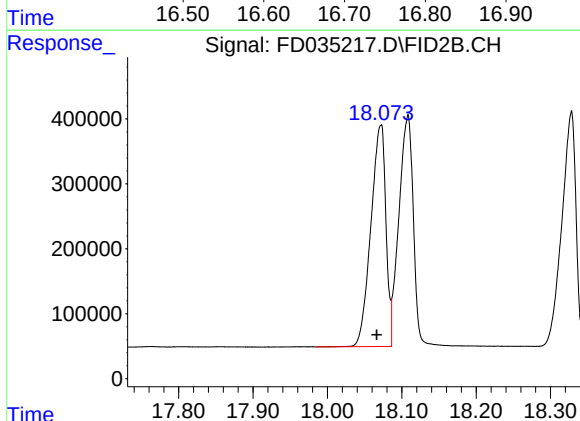
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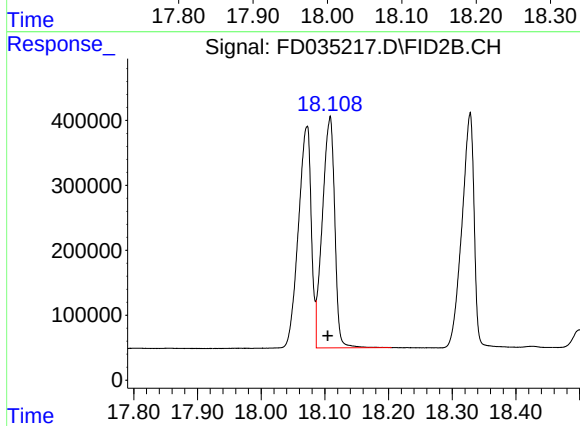
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min
Delta R.T.: 0.000 min
Response: 4435399
Conc: 46.83 ug/ml



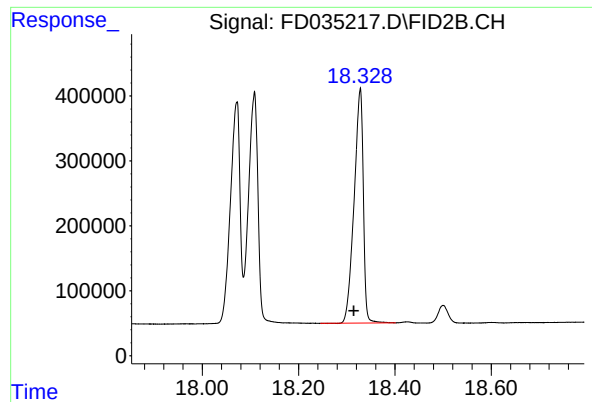
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.071 min
Delta R.T.: 0.005 min
Response: 4800681
Conc: 54.13 ug/ml



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

R.T.: 18.107 min
Delta R.T.: 0.003 min
Response: 4800296
Conc: 47.35 ug/ml



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

R.T.: 18.327 min
Delta R.T.: 0.012 min
Response: 4794283
Conc: 50.17 ug/ml

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