

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050621AR\
 Data File : FD037389.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 20:18
 Operator : DD\AJ
 Sample : PB136165BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB136165BS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 07 05:41:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

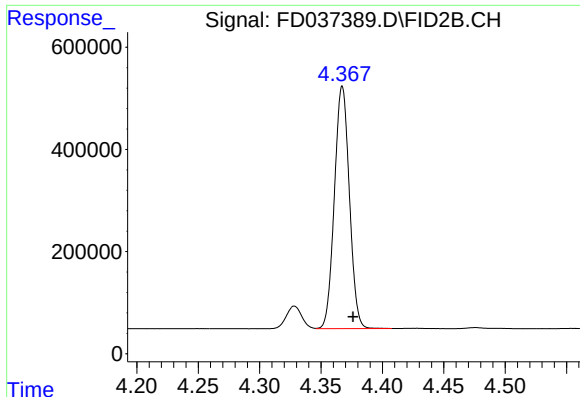
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.570	5644931	47.743 ug/ml
Spiked Amount 50.000		Recovery =	95.49%
6) S 2-Fluorobiphenyl (SURR)	8.432	3034532	39.327 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.65%
11) S ortho-Terphenyl (SURR)	11.473	5150725	41.701 ug/ml
Spiked Amount 50.000		Recovery =	83.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	4025512	30.273 ug/ml
2) T Naphthalene (C11.7)	5.906	4589638	33.387 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	4652843	34.696 ug/ml
5) T Acenaphthylene (C15.06)	8.235	4958102	39.639 ug/ml
7) T Acenaphthene (C15.5)	8.531	4831562	37.388 ug/ml
8) T Flouorene (C16.55)	9.312	4995862	40.786 ug/ml
9) T Phenanthrene (C19.36)	10.708	5118904	43.425 ug/ml
10) T Anthracene (C19.43)	10.784	5064681	43.970 ug/ml
12) T Fluoranthene (C21.85)	12.522	5319330	45.610 ug/ml
13) T Pyrene (C20.8)	12.819	5352882	46.497 ug/ml
14) T Benzo[a]anthracene (C...	14.691	5199274	47.240 ug/ml
15) T Chrysene (C27.41)	14.736	5770338	50.974 ug/ml
16) T benzo[b]fluoranthene ...	16.243	5516471	49.182 ug/ml
17) T Bnezo[k]fluoranthene ...	16.279	5272605	48.954 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.623	5446327	52.622 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	5048490	47.460 ug/ml
20) T Dibenz[a,h]anthracene...	18.027	5114496	48.950 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.246	5180888	48.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



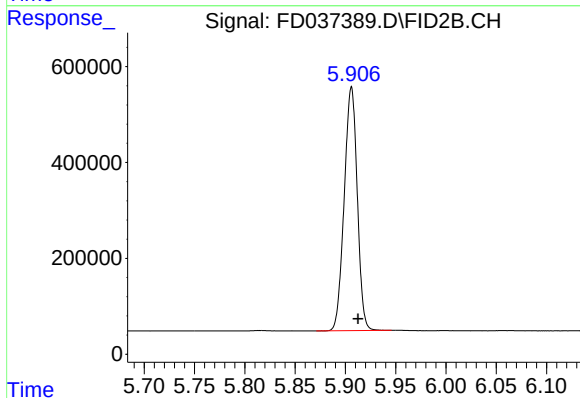
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.367 min
Delta R.T.: -0.009 min
Response: 4025512
Conc: 30.27 ug/ml

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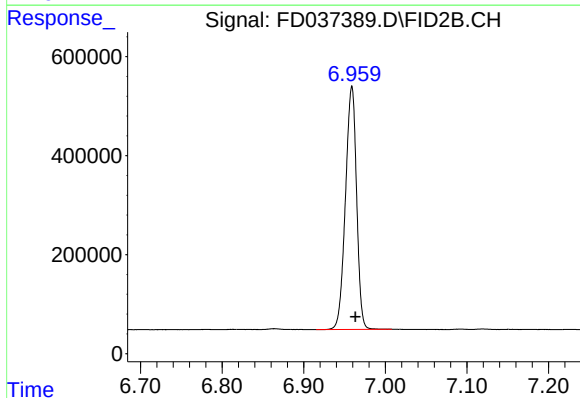
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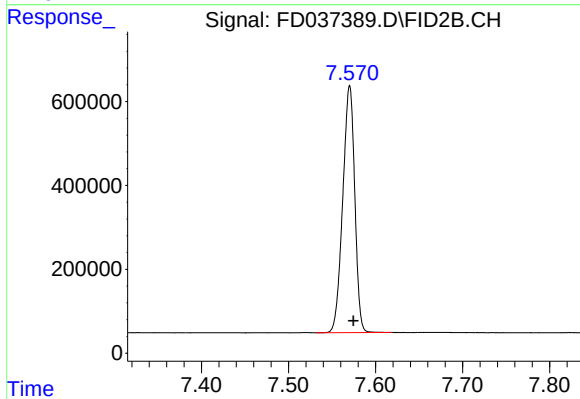
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.006 min
Response: 4589638
Conc: 33.39 ug/ml



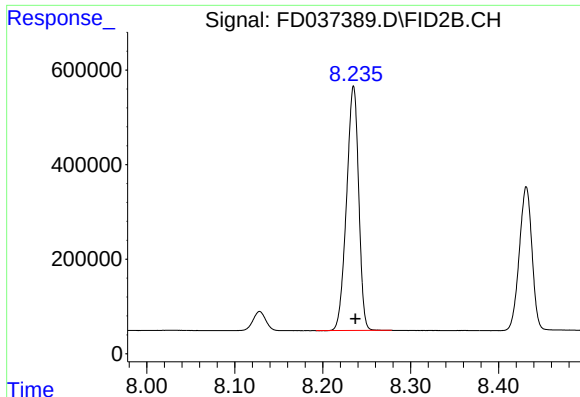
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.004 min
Response: 4652843
Conc: 34.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.570 min
Delta R.T.: -0.004 min
Response: 5644931
Conc: 47.74 ug/ml



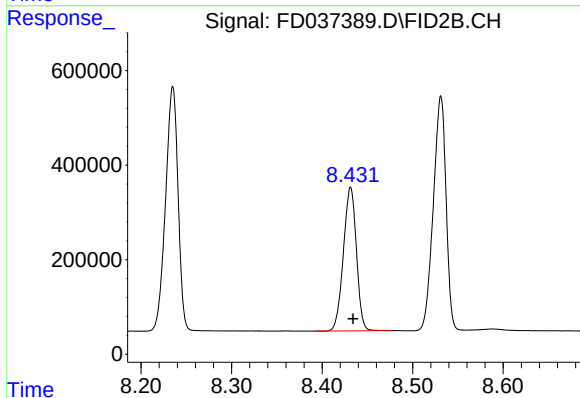
#5 Acenaphthylene (C15.06)

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 4958102
Conc: 39.64 ug/ml

Instrument :
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PB136165BS

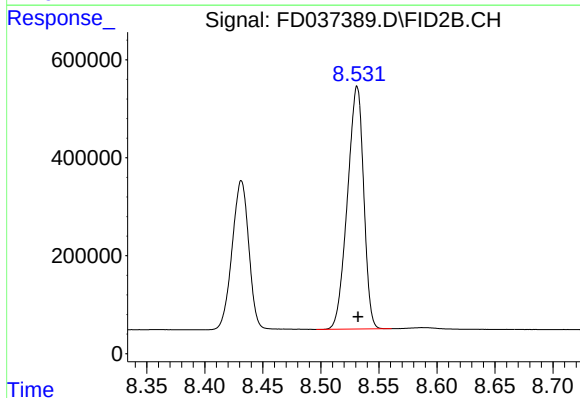
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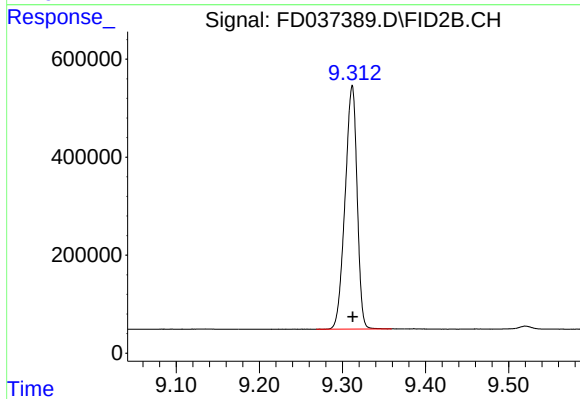
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.432 min
Delta R.T.: -0.003 min
Response: 3034532
Conc: 39.33 ug/ml



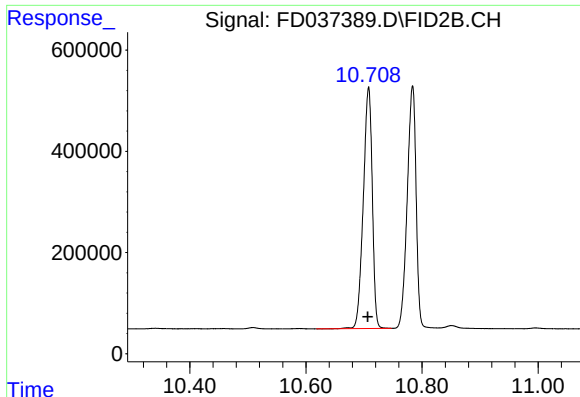
#7 Acenaphthene (C15.5)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 4831562
Conc: 37.39 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 4995862
Conc: 40.79 ug/ml



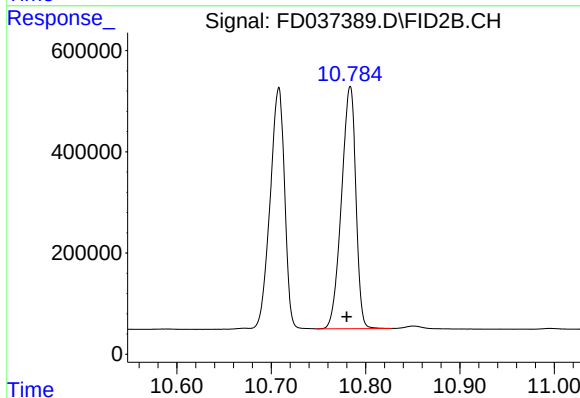
#9 Phenanthrene (C19.36)

R.T.: 10.708 min
Delta R.T.: 0.002 min
Response: 5118904
Conc: 43.42 ug/ml

Instrument :
FID_D
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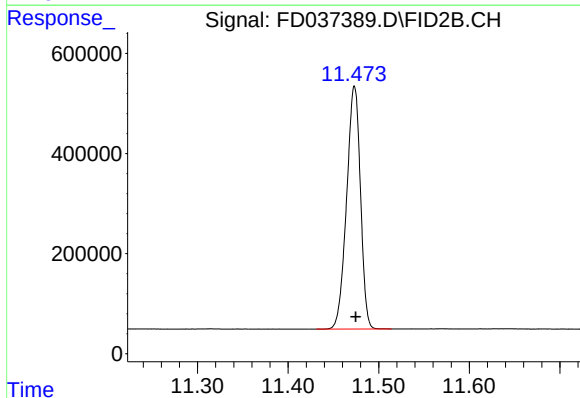
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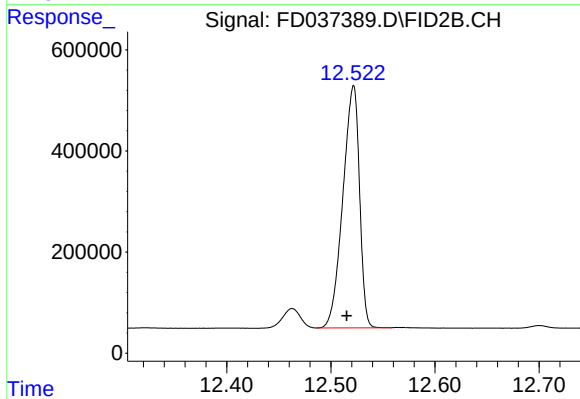
#10 Anthracene (C19.43)

R.T.: 10.784 min
Delta R.T.: 0.004 min
Response: 5064681
Conc: 43.97 ug/ml



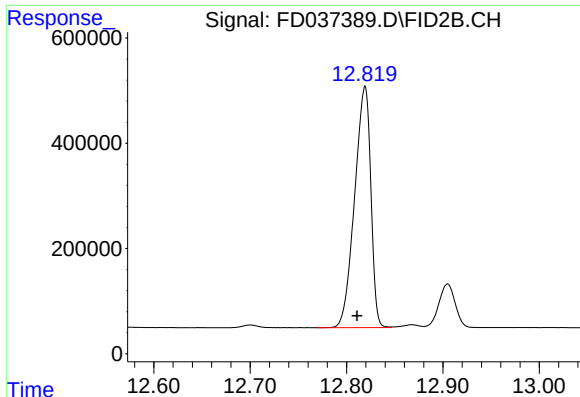
#11 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.001 min
Response: 5150725
Conc: 41.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.522 min
Delta R.T.: 0.006 min
Response: 5319330
Conc: 45.61 ug/ml



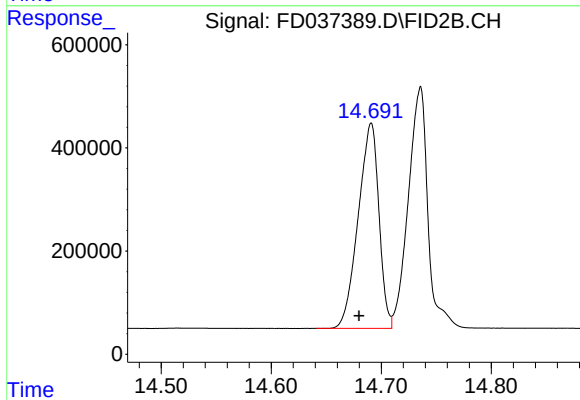
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: 0.008 min
Response: 5352882
Conc: 46.50 ug/ml

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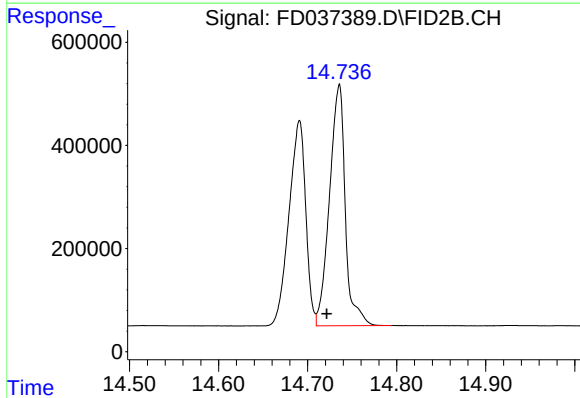
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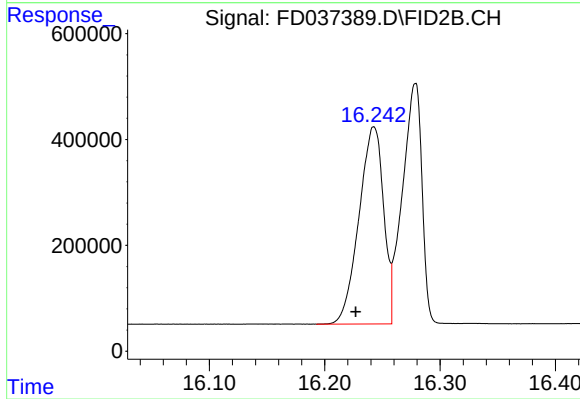
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.691 min
Delta R.T.: 0.011 min
Response: 5199274
Conc: 47.24 ug/ml



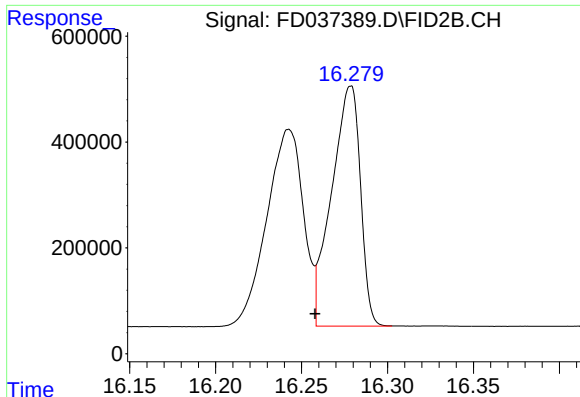
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: 0.014 min
Response: 5770338
Conc: 50.97 ug/ml



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

R.T.: 16.243 min
Delta R.T.: 0.016 min
Response: 5516471
Conc: 49.18 ug/ml



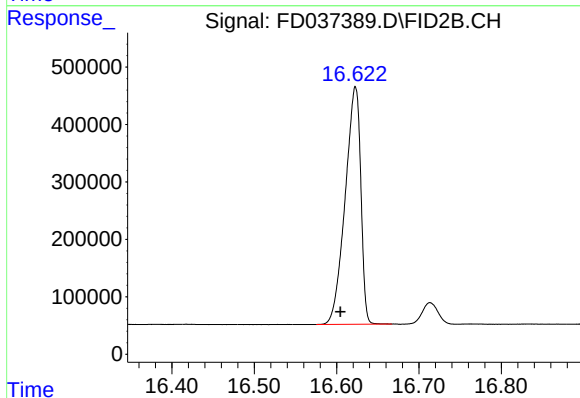
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.279 min
Delta R.T.: 0.021 min
Response: 5272605
Conc: 48.95 ug/ml m

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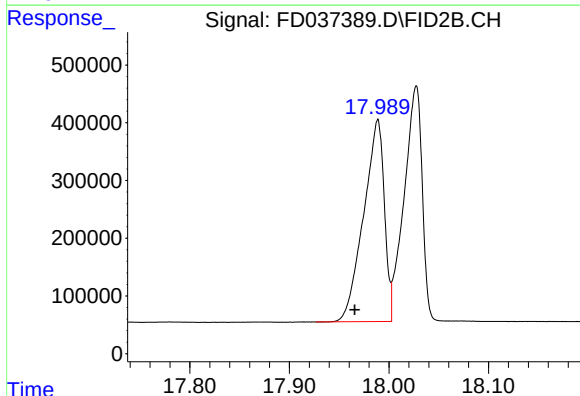
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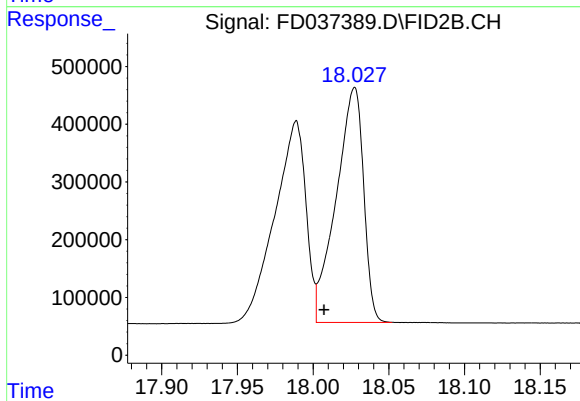
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: 0.018 min
Response: 5446327
Conc: 52.62 ug/ml



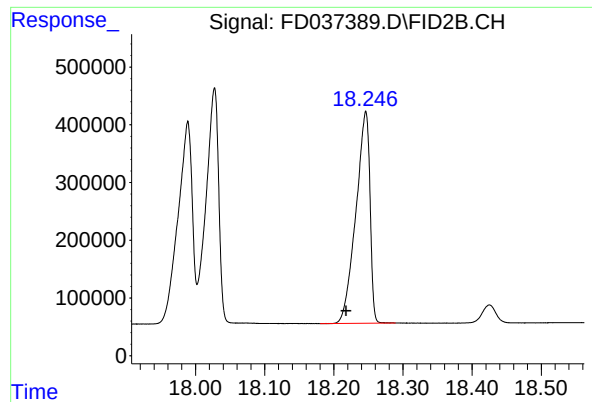
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: 0.023 min
Response: 5048490
Conc: 47.46 ug/ml



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

R.T.: 18.027 min
Delta R.T.: 0.020 min
Response: 5114496
Conc: 48.95 ug/ml m



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

R.T.: 18.246 min
Delta R.T.: 0.028 min
Response: 5180888
Conc: 48.50 ug/ml

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