

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039908.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 8:53
 Operator : AJ\MA
 Sample : M5011-20MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:32:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

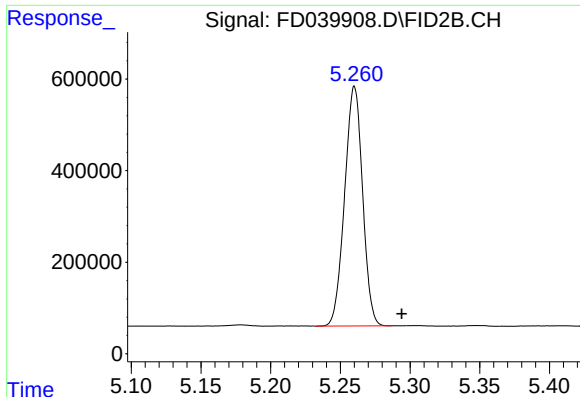
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
6) S 2-Fluorobiphenyl (SURR)	7.774	5095042	51.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.72%
11) S ortho-Terphenyl (SURR)	10.816	6940286	45.590 ug/ml
Spiked Amount 50.000		Recovery =	91.18%
Target Compounds			
2) T Naphthalene (C11.7)	5.260	4694153	29.208 ug/ml
3) T 2-Methylnaphthalene (...)	6.306	5423041	33.376 ug/ml
5) T Acenaphthylene (C15.06)	7.578	6388453	42.704 ug/ml
7) T Acenaphthene (C15.5)	7.874	7104115	44.712 ug/ml
8) T Fluorene (C16.55)	8.653	7860396	49.958 ug/ml
9) T Phenanthrene (C19.36)	10.047	8689637	56.004 ug/ml
10) T Anthracene (C19.43)	10.122	8501091	56.955 ug/ml
12) T Fluoranthene (C21.85)	11.856	8881280	58.064 ug/ml
13) T Pyrene (C20.8)	12.197	79388	0.533 ug/ml
14) T Benzo[a]anthracene (C...	14.066	7743575	57.391 ug/ml
15) T Chrysene (C27.41)	14.091	340750	2.423 ug/ml
16) T benzo[b]fluoranthene ...	15.607	8160954	60.832 ug/ml
17) T Bnezo[k]fluoranthene ...	15.607	8160954	60.316 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.948	7324622	56.492 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.354	5894184	48.125 ug/ml
20) T Dibenz[a,h]anthracene...	17.354	5894184	48.071 ug/ml
21) T Benzo[g,h,i]perylene ...	17.570	5346388	42.798 ug/ml

(f)=RT Delta > 1/2 Window

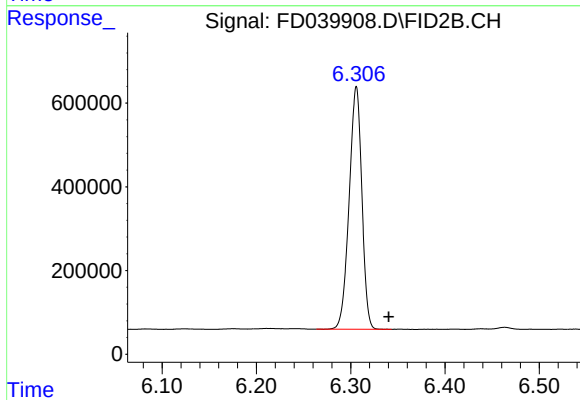
(m)=manual int.



#2 Naphthalene (C11.7)

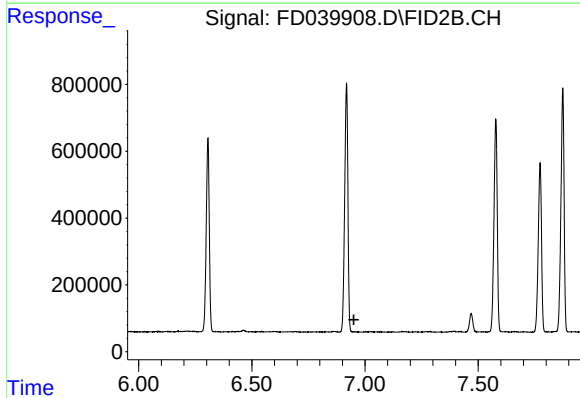
R.T.: 5.260 min
Delta R.T.: -0.034 min
Response: 4694153
Conc: 29.21 ug/ml

Instrument :
FID_D
ClientSampleId :



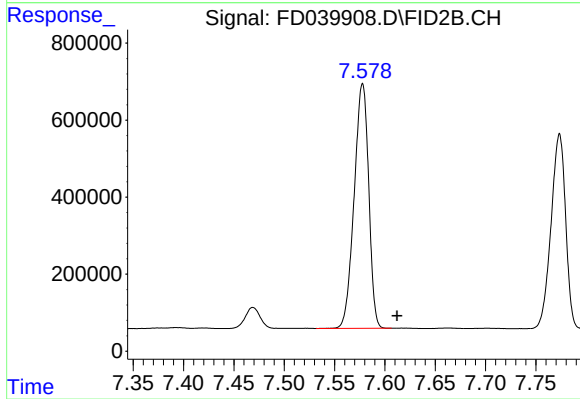
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.306 min
Delta R.T.: -0.034 min
Response: 5423041
Conc: 33.38 ug/ml



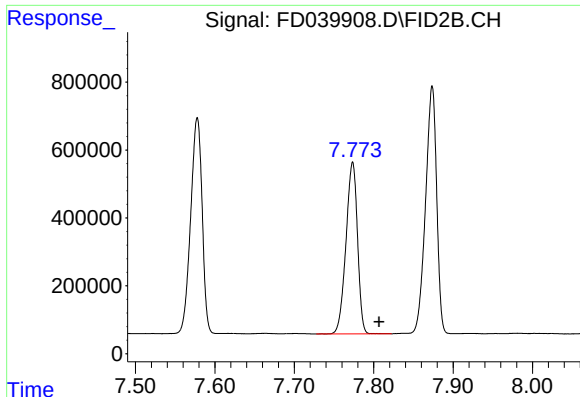
#4 2-Bromonaphthalene (SURR)

R.T.: 0.000 min
Exp R.T. : 6.951 min
Response: 0
Conc: N.D.



#5 Acenaphthylene (C15.06)

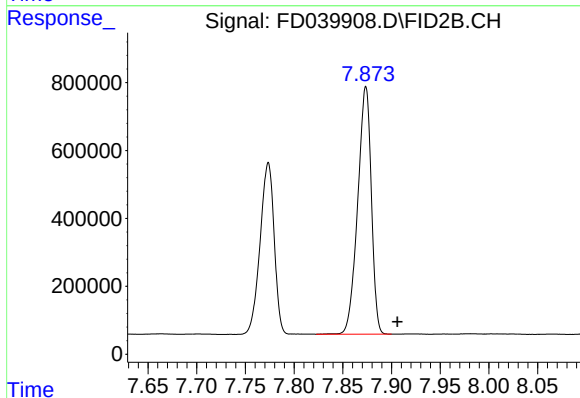
R.T.: 7.578 min
Delta R.T.: -0.034 min
Response: 6388453
Conc: 42.70 ug/ml



#6 2-Fluorobiphenyl (SURR)

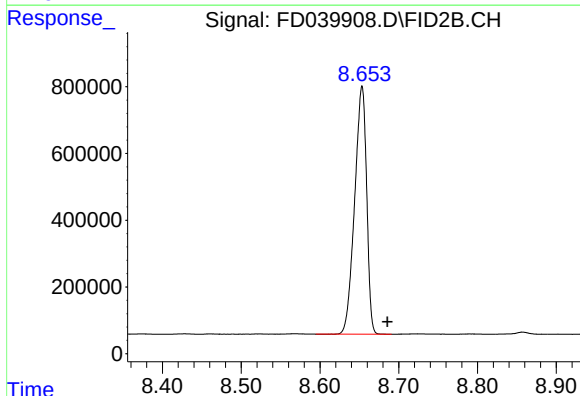
R.T.: 7.774 min
Delta R.T.: -0.033 min
Response: 5095042
Conc: 51.86 ug/ml

Instrument :
FID_D
ClientSampleId :



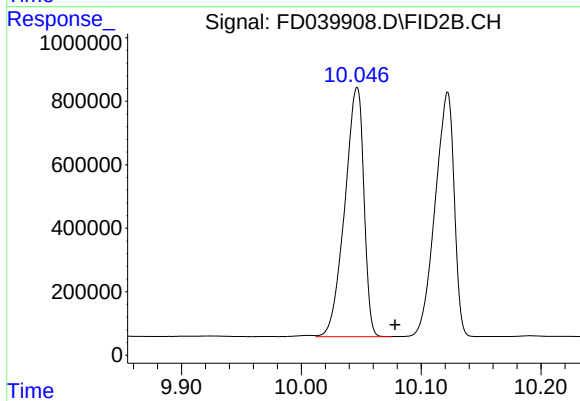
#7 Acenaphthene (C15.5)

R.T.: 7.874 min
Delta R.T.: -0.033 min
Response: 7104115
Conc: 44.71 ug/ml



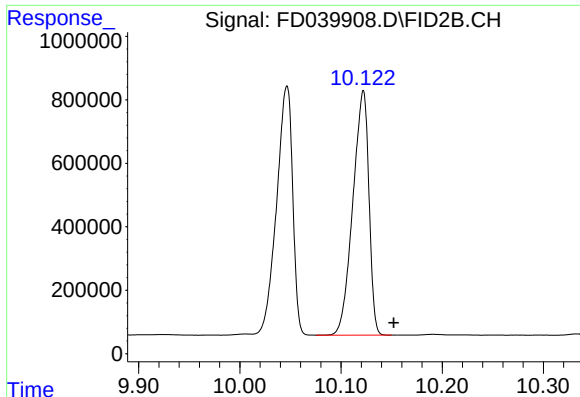
#8 Flouorene (C16.55)

R.T.: 8.653 min
Delta R.T.: -0.032 min
Response: 7860396
Conc: 49.96 ug/ml



#9 Phenanthrene (C19.36)

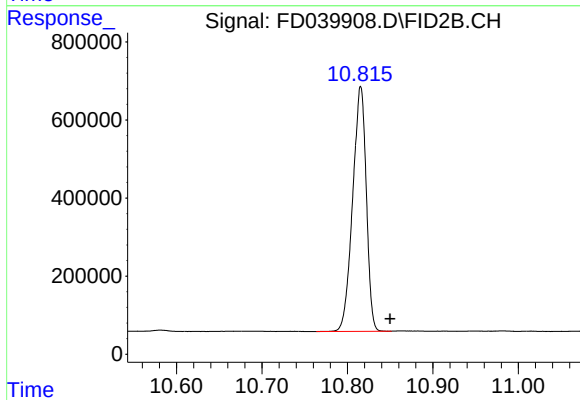
R.T.: 10.047 min
Delta R.T.: -0.032 min
Response: 8689637
Conc: 56.00 ug/ml



#10 Anthracene (C19.43)

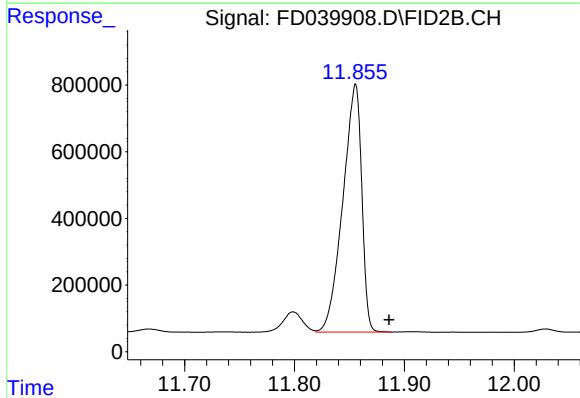
R.T.: 10.122 min
Delta R.T.: -0.030 min
Response: 8501091
Conc: 56.95 ug/ml

Instrument :
FID_D
ClientSampleId :



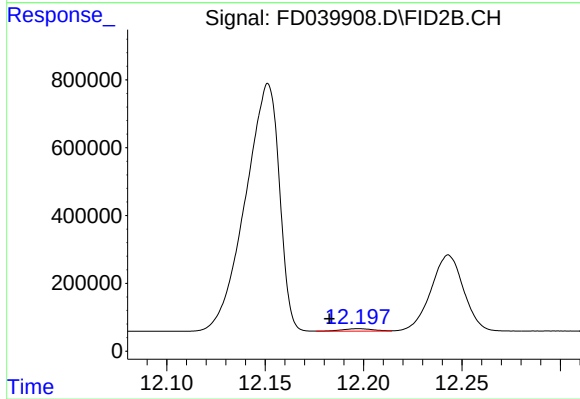
#11 ortho-Terphenyl (SURR)

R.T.: 10.816 min
Delta R.T.: -0.035 min
Response: 6940286
Conc: 45.59 ug/ml



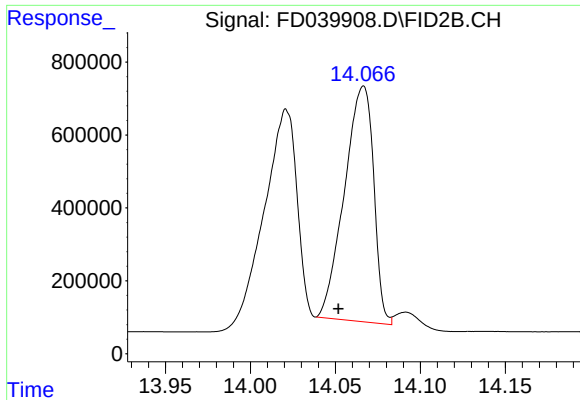
#12 Fluoranthene (C21.85)

R.T.: 11.856 min
Delta R.T.: -0.031 min
Response: 8881280
Conc: 58.06 ug/ml



#13 Pyrene (C20.8)

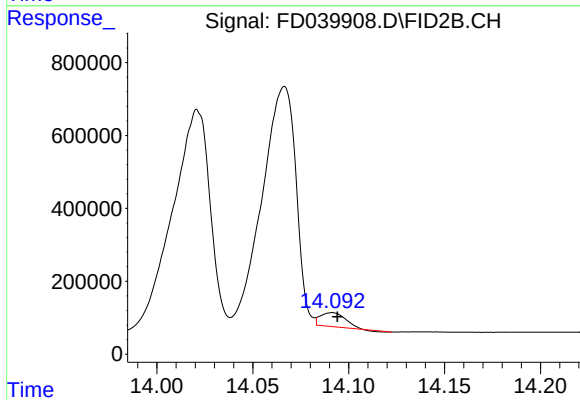
R.T.: 12.197 min
Delta R.T.: 0.015 min
Response: 79388
Conc: 0.53 ug/ml



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

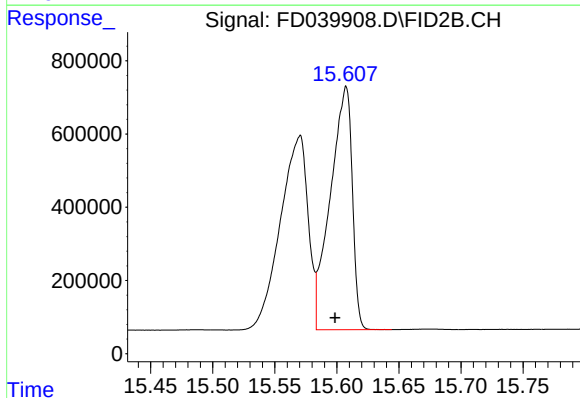
R.T.: 14.066 min
Delta R.T.: 0.015 min
Response: 7743575
Conc: 57.39 ug/ml

Instrument :
FID_D
ClientSampleId :



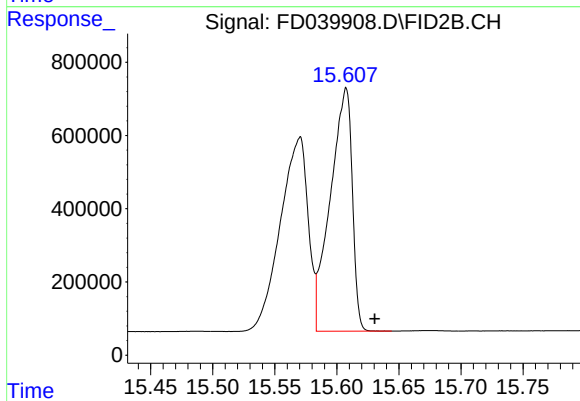
#15 Chrysene (C27.41)

R.T.: 14.091 min
Delta R.T.: -0.003 min
Response: 340750
Conc: 2.42 ug/ml



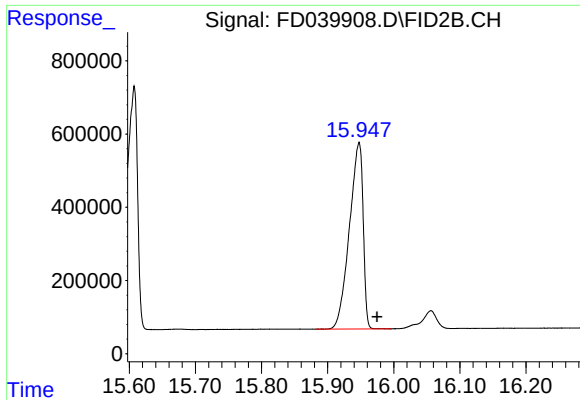
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.607 min
Delta R.T.: 0.009 min
Response: 8160954
Conc: 60.83 ug/ml



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

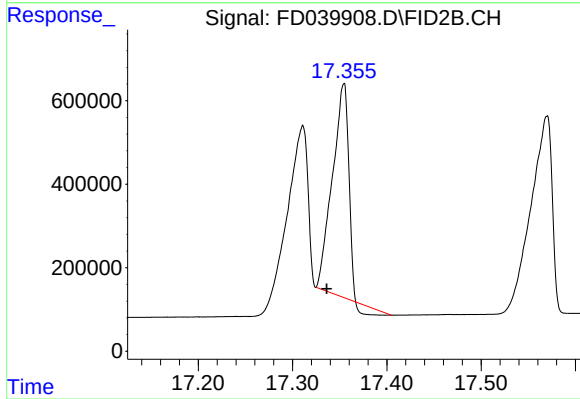
R.T.: 15.607 min
Delta R.T.: -0.023 min
Response: 8160954
Conc: 60.32 ug/ml



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

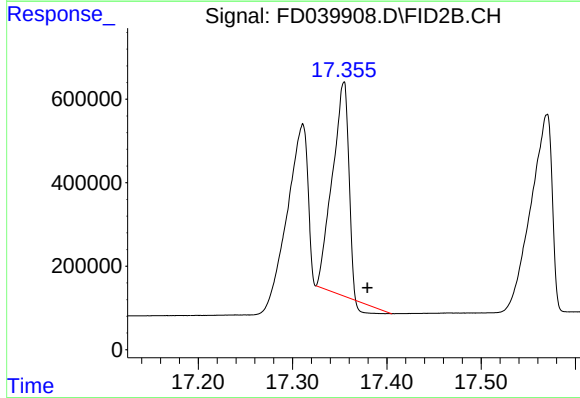
R.T.: 15.948 min
Delta R.T.: -0.027 min
Response: 7324622
Conc: 56.49 ug/ml

Instrument :
FID_D
ClientSampleId :



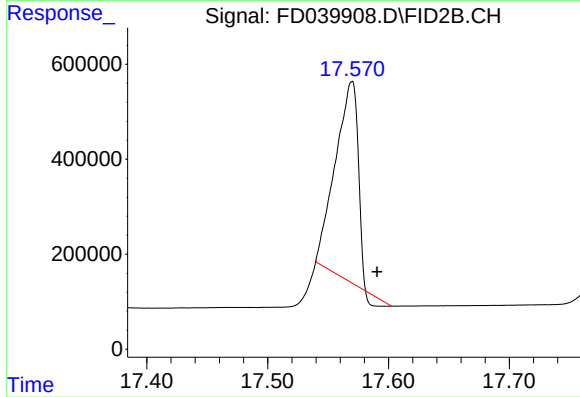
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.354 min
Delta R.T.: 0.018 min
Response: 5894184
Conc: 48.12 ug/ml



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

R.T.: 17.354 min
Delta R.T.: -0.025 min
Response: 5894184
Conc: 48.07 ug/ml



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

R.T.: 17.570 min
Delta R.T.: -0.021 min
Response: 5346388
Conc: 42.80 ug/ml