

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038595.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 14:26
 Operator : AJ\MA
 Sample : M3431-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 05:27:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.471	7139346	56.334 ug/ml
Spiked Amount 50.000		Recovery =	112.67%
6) S 2-Fluorobiphenyl (SURR)	8.329	4347454	50.072 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.14%
11) S ortho-Terphenyl (SURR)	11.365	6350937	44.273 ug/ml
Spiked Amount 50.000		Recovery =	88.55%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.865	22390	0.154 ug/ml
7) T Acenaphthene (C15.5)	8.455	20925	0.140 ug/ml
9) T Phenanthrene (C19.36)	10.606	22281	0.158 ug/ml
12) T Fluoranthene (C21.85)	12.409	187584	1.335 ug/ml
13) T Pyrene (C20.8)	12.704	166822	1.191 ug/ml
14) T Benzo[a]anthracene (C...	14.581	72833	0.569 ug/ml
15) T Chrysene (C27.41)	14.619	170547	1.235 ug/ml
16) T benzo[b]fluoranthene ...	16.131	248043	1.984 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	93604	0.710 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	121134	1.014 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	305732	2.775 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	305732	2.484 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	128904	1.125 ug/ml

(f)=RT Delta > 1/2 Window

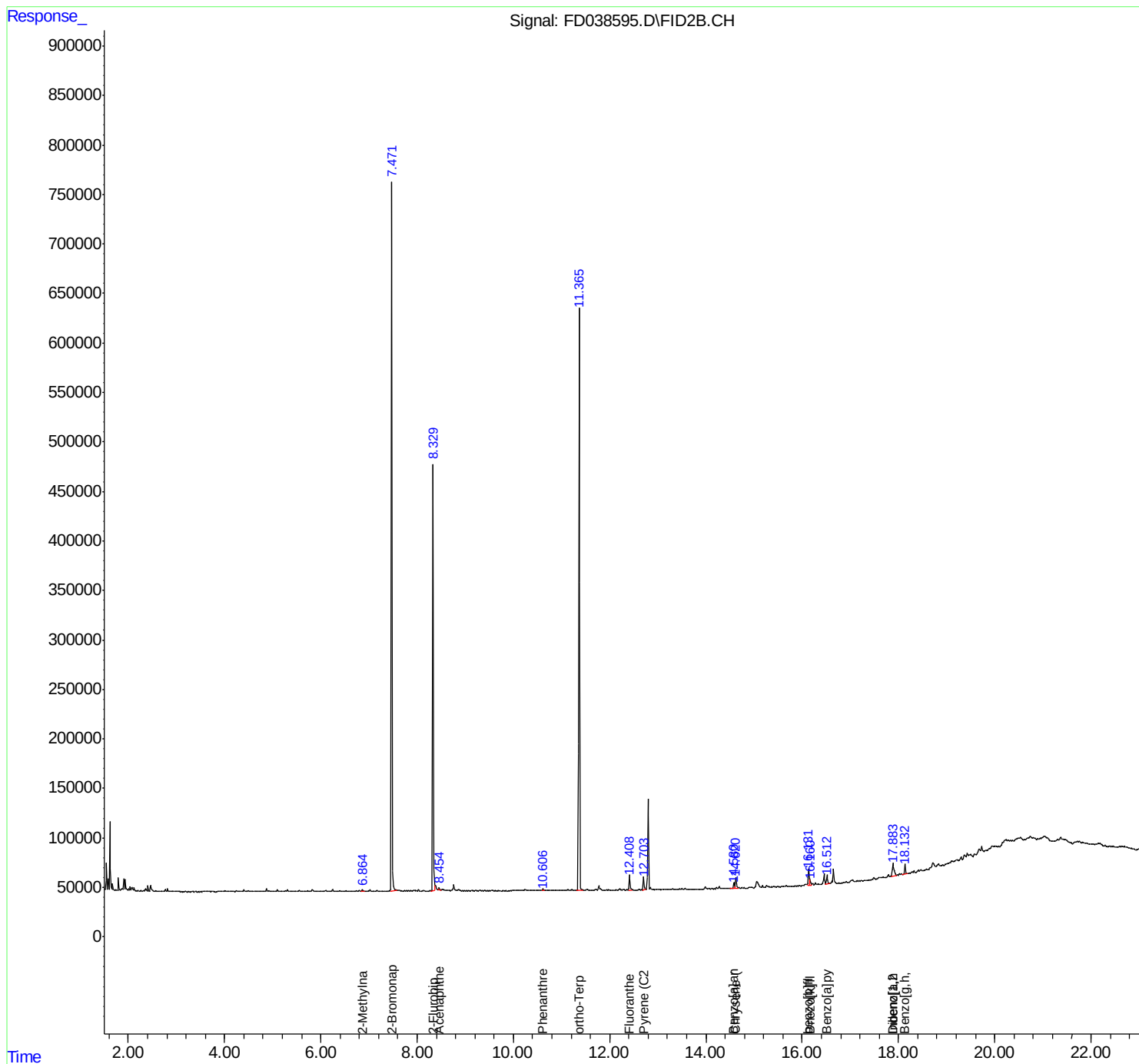
(m)=manual int.

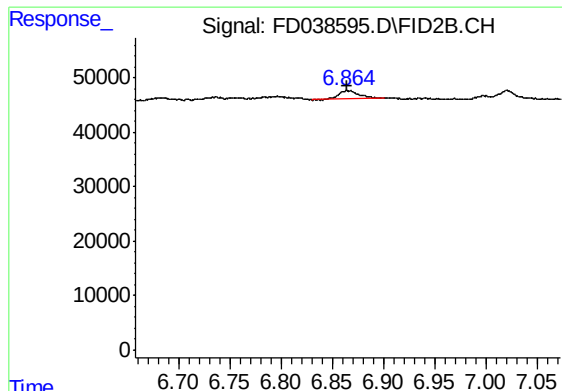
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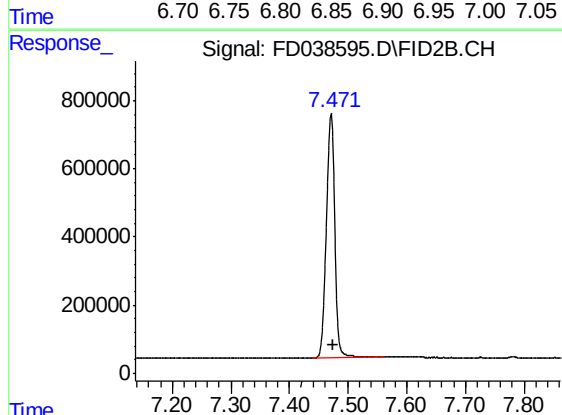




#3 2-Methylnaphthalene (C12.89)

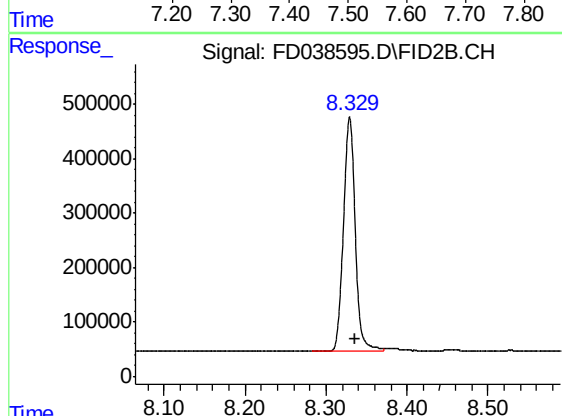
R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 22390
Conc: 0.15 ug/ml

Instrument :
ECD_S
ClientSampleId :



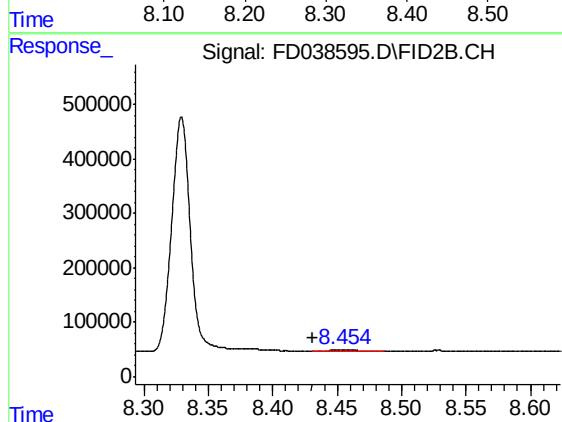
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 7139346
Conc: 56.33 ug/ml



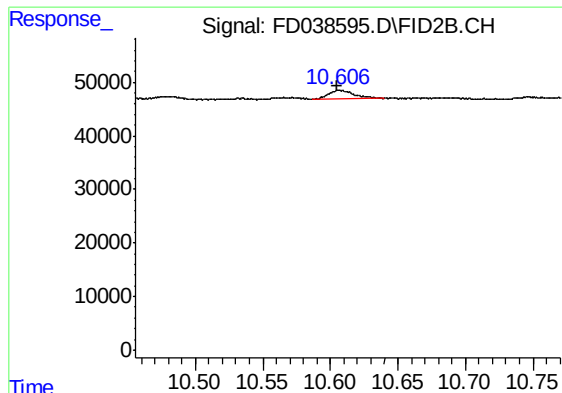
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.006 min
Response: 4347454
Conc: 50.07 ug/ml



#7 Acenaphthene (C15.5)

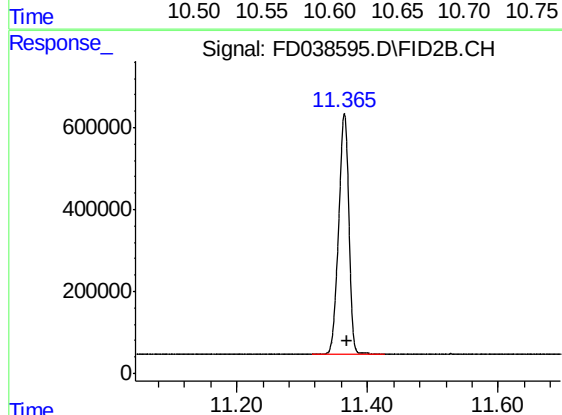
R.T.: 8.455 min
Delta R.T.: 0.024 min
Response: 20925
Conc: 0.14 ug/ml



#9 Phenanthrene (C19.36)

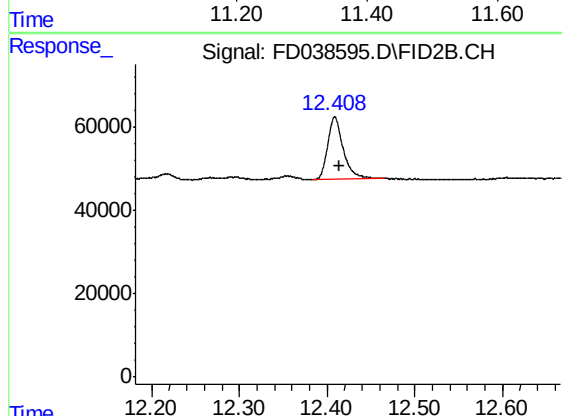
R.T.: 10.606 min
Delta R.T.: 0.002 min
Response: 22281
Conc: 0.16 ug/ml

Instrument :
ECD_S
ClientSampleId :



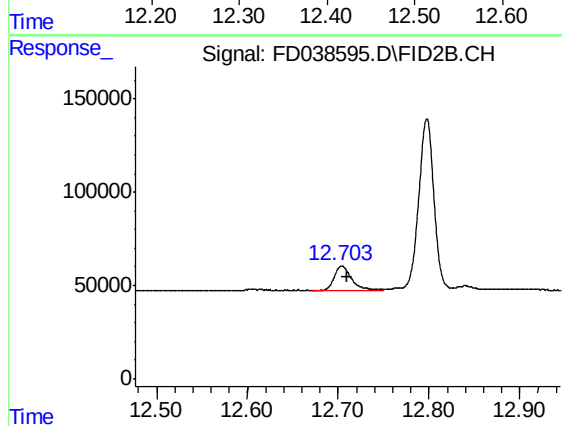
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: -0.004 min
Response: 6350937
Conc: 44.27 ug/ml



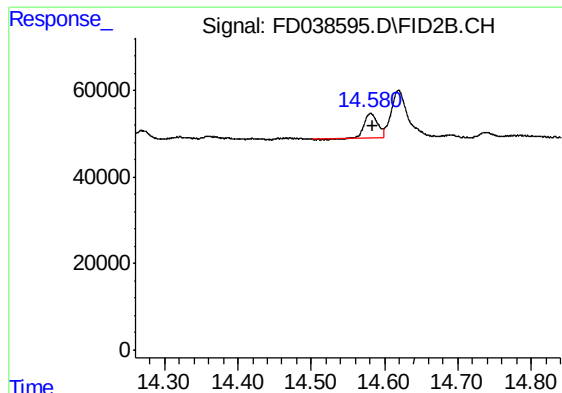
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.006 min
Response: 187584
Conc: 1.34 ug/ml



#13 Pyrene (C20.8)

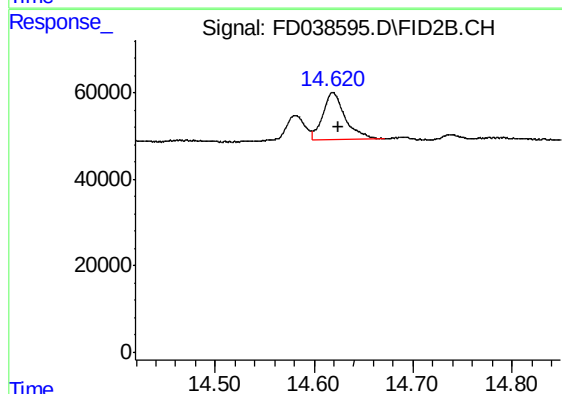
R.T.: 12.704 min
Delta R.T.: -0.006 min
Response: 166822
Conc: 1.19 ug/ml



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

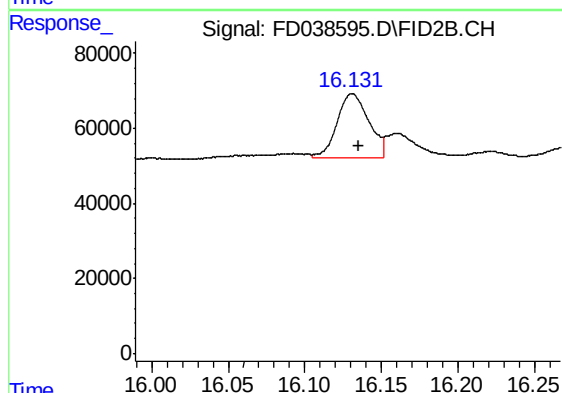
R.T.: 14.581 min
Delta R.T.: -0.003 min
Response: 72833
Conc: 0.57 ug/ml

Instrument :
ECD_S
ClientSampleId :



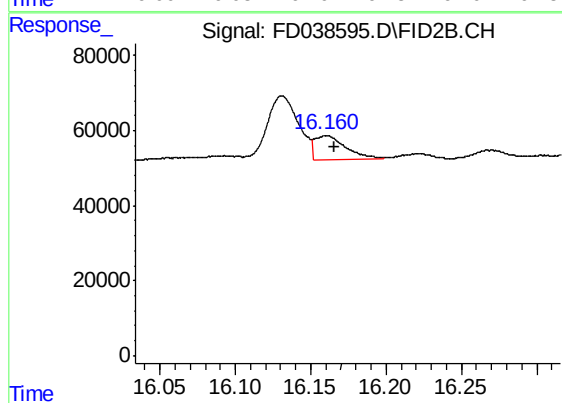
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.006 min
Response: 170547
Conc: 1.23 ug/ml



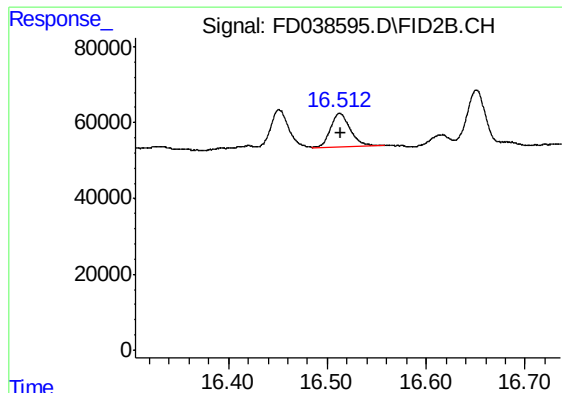
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.131 min
Delta R.T.: -0.004 min
Response: 248043
Conc: 1.98 ug/ml



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

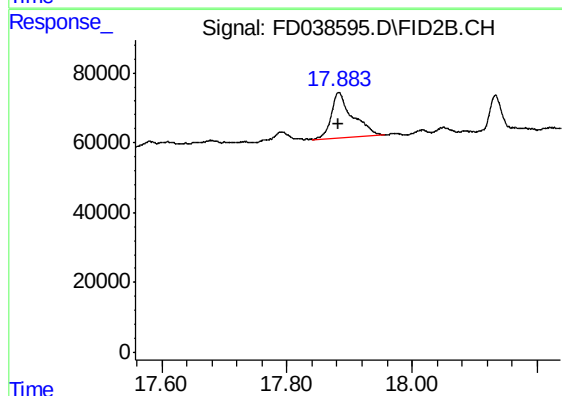
R.T.: 16.160 min
Delta R.T.: -0.006 min
Response: 93604
Conc: 0.71 ug/ml



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

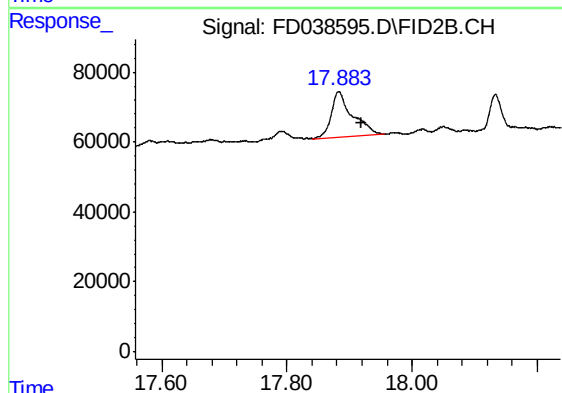
R.T.: 16.513 min
Delta R.T.: 0.000 min
Response: 121134
Conc: 1.01 ug/ml

Instrument :
ECD_S
ClientSampleId :



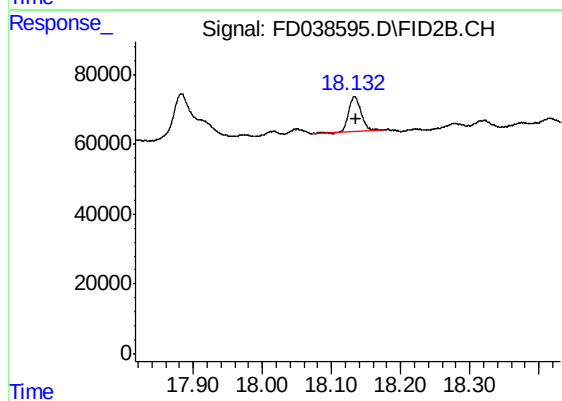
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 305732
Conc: 2.77 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.036 min
Response: 305732
Conc: 2.48 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.001 min
Response: 128904
Conc: 1.13 ug/ml