

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038596.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 15:08
 Operator : AJ\MA
 Sample : M3431-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 05:27:57 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...	7.470	5406575	42.661 ug/ml
Spiked Amount 50.000		Recovery =	85.32%
6) S 2-Fluorobiphenyl (SURR)	8.329	3450417	39.740 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.48%
11) S ortho-Terphenyl (SURR)	11.364	4409019	30.736 ug/ml
Spiked Amount 50.000		Recovery =	61.47%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.179	21259	0.147 ug/ml
12) T Fluoranthene (C21.85)	12.412	85921	0.612 ug/ml
13) T Pyrene (C20.8)	12.706	76839	0.549 ug/ml
14) T Benzo[a]anthracene (C...	14.584	31722	0.248 ug/ml
15) T Chrysene (C27.41)	14.622	72824	0.527 ug/ml
16) T benzo[b]fluoranthene ...	16.135	106569	0.852 ug/ml
17) T Bnezo[k]fluoranthene ...	16.165	29548	0.224 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	48332	0.404 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	142791	1.296 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	142791	1.160 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	62722	0.548 ug/ml

(f)=RT Delta > 1/2 Window

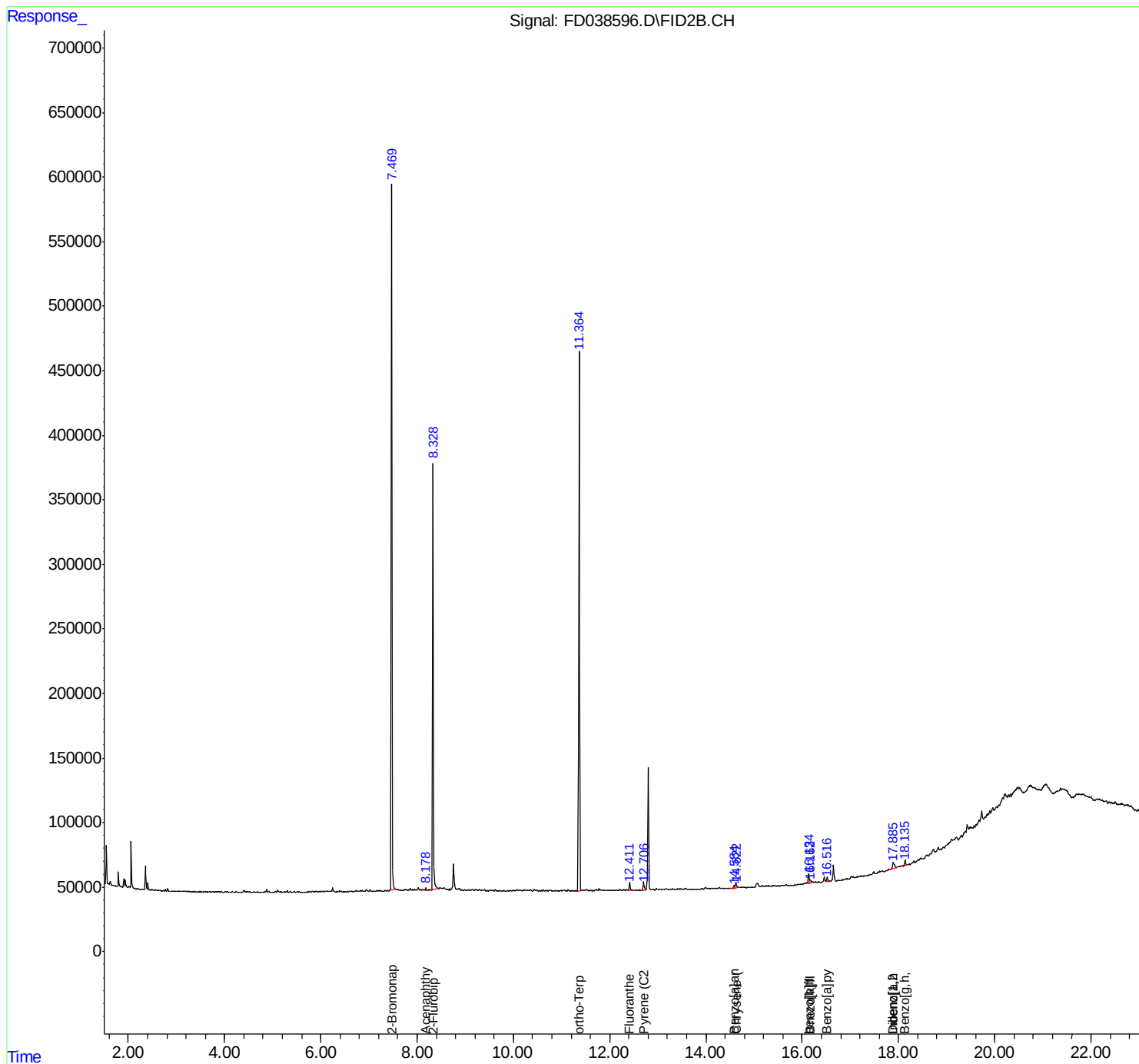
(m)=manual int.

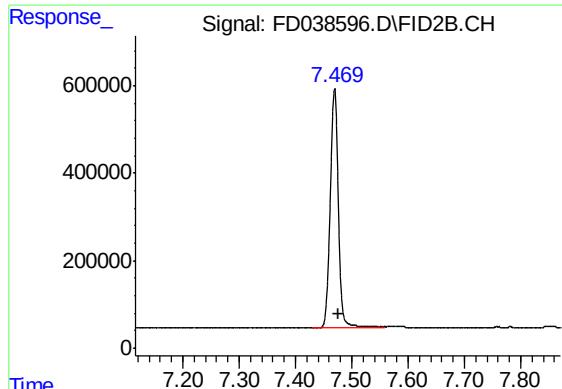
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Signal Info : 20M x 0.18mm x 0.18µm

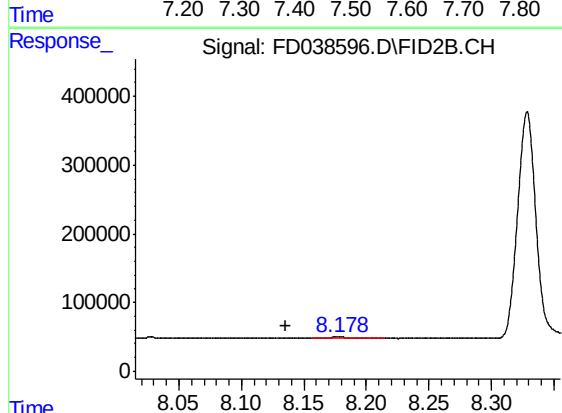




#4 2-Bromonaphthalene (SURR)

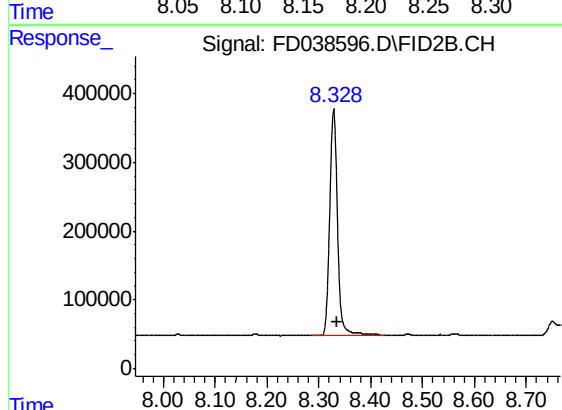
R.T.: 7.470 min
Delta R.T.: -0.006 min
Response: 5406575
Conc: 42.66 ug/ml

Instrument :
ECD_S
ClientSampleId :



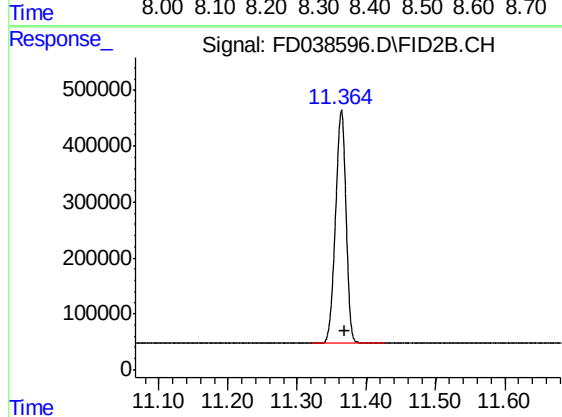
#5 Acenaphthylene (C15.06)

R.T.: 8.179 min
Delta R.T.: 0.043 min
Response: 21259
Conc: 0.15 ug/ml



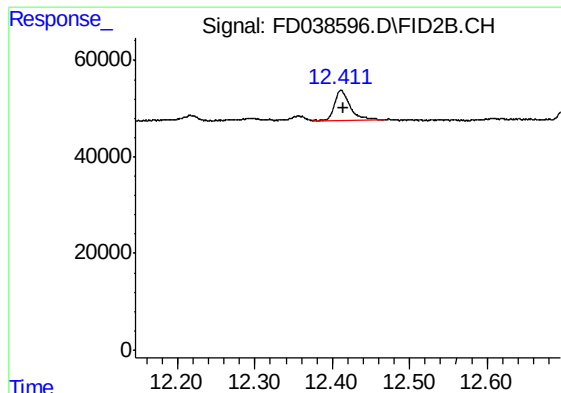
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.006 min
Response: 3450417
Conc: 39.74 ug/ml



#11 ortho-Terphenyl (SURR)

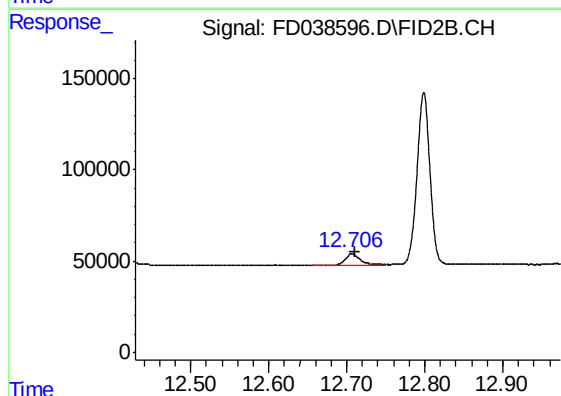
R.T.: 11.364 min
Delta R.T.: -0.005 min
Response: 4409019
Conc: 30.74 ug/ml



#12 Fluoranthene (C21.85)

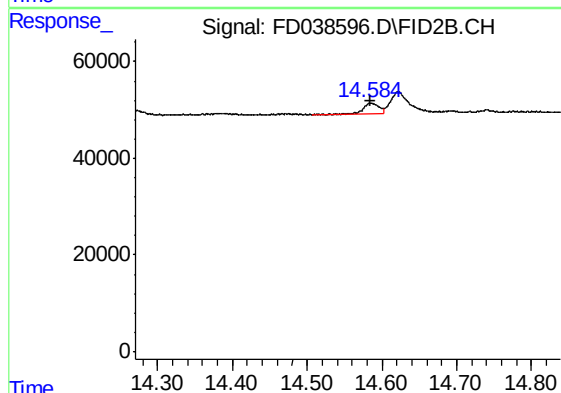
R.T.: 12.412 min
Delta R.T.: -0.003 min
Response: 85921
Conc: 0.61 ug/ml

Instrument :
ECD_S
ClientSampleId :



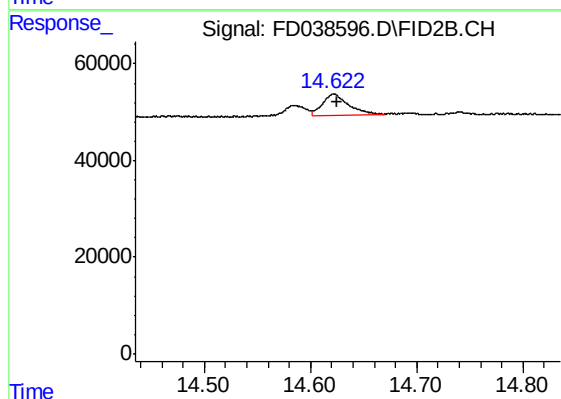
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: -0.004 min
Response: 76839
Conc: 0.55 ug/ml



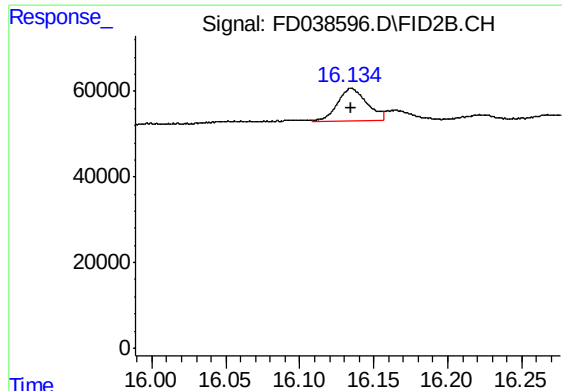
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: 0.000 min
Response: 31722
Conc: 0.25 ug/ml



#15 Chrysene (C27.41)

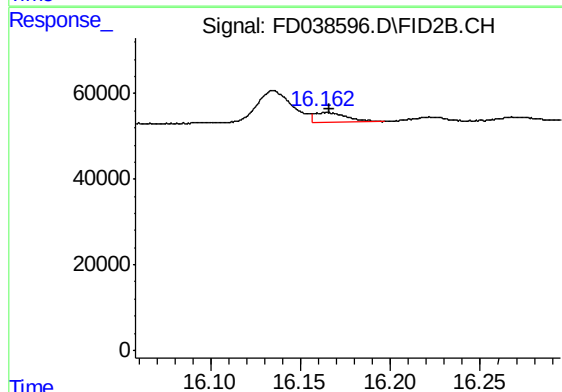
R.T.: 14.622 min
Delta R.T.: -0.003 min
Response: 72824
Conc: 0.53 ug/ml



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

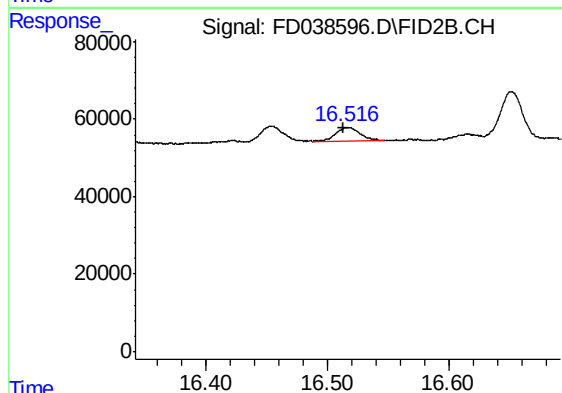
R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 106569
Conc: 0.85 ug/ml

Instrument :
ECD_S
ClientSampleId :



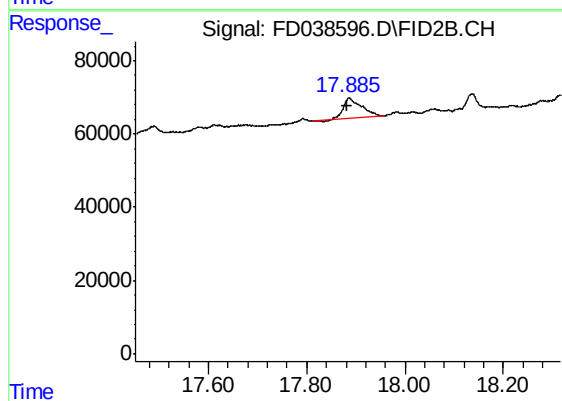
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: 0.000 min
Response: 29548
Conc: 0.22 ug/ml



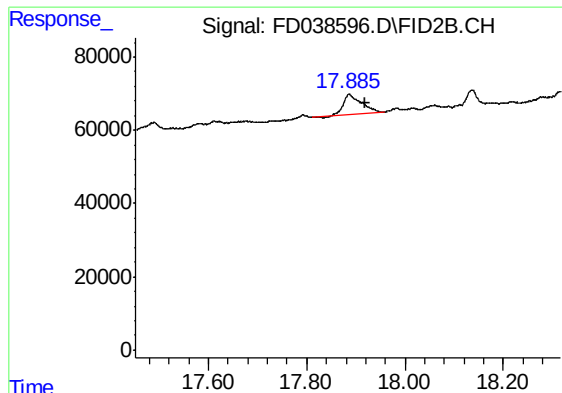
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: 0.004 min
Response: 48332
Conc: 0.40 ug/ml



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

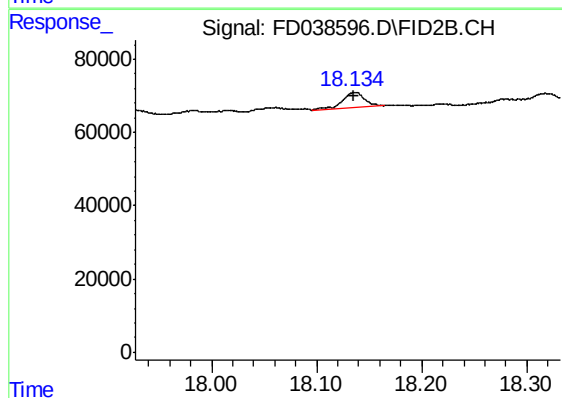
R.T.: 17.886 min
Delta R.T.: 0.003 min
Response: 142791
Conc: 1.30 ug/ml



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

R.T.: 17.886 min
Delta R.T.: -0.033 min
Response: 142791
Conc: 1.16 ug/ml

Instrument :
ECD_S
ClientSampleId :



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

R.T.: 18.136 min
Delta R.T.: 0.001 min
Response: 62722
Conc: 0.55 ug/ml