

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051719AR\
 Data File : FD029191.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2019 19:33
 Operator : EI\AJ
 Sample : AR IDOC SOIL 01
 Misc : FOR DD & FE
 ALS Vial : 61 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 04:14:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

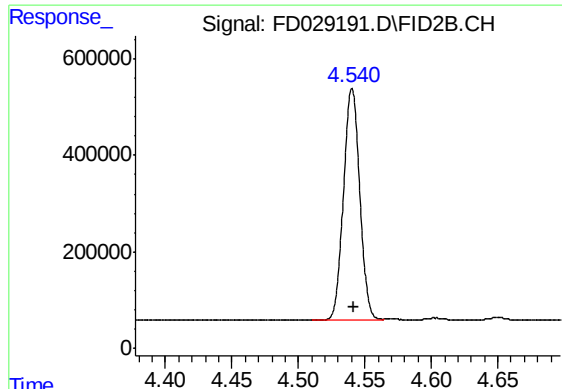
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.749	3619651	45.730 ug/ml
Spiked Amount 50.000		Recovery =	91.46%
6) S 2-Fluorobiphenyl (SURR)	8.615	2489115	46.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.18%
11) S ortho-Terphenyl (SURR)	11.653	3754350	45.525 ug/ml
Spiked Amount 50.000		Recovery =	91.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	4069935	45.716 ug/ml
2) T Naphthalene (C11.7)	6.088	4286615	45.861 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	4127945	45.817 ug/ml
5) T Acenaphthylene (C15.06)	8.419	3946990	45.902 ug/ml
7) T Acenaphthene (C15.5)	8.715	4113796	46.034 ug/ml
8) T Fluorene (C16.55)	9.495	4049976	46.262 ug/ml
9) T Phenanthrene (C19.36)	10.892	4129307	46.102 ug/ml
10) T Anthracene (C19.43)	10.967	3890906	43.726 ug/ml
12) T Fluoranthene (C21.85)	12.703	4336336	45.174 ug/ml
13) T Pyrene (C20.8)	13.001	4440655	45.136 ug/ml
14) T Benzo[a]anthracene (C...	14.869	4490583	45.500 ug/ml
15) T Chrysene (C27.41)	14.913	4550006	45.441 ug/ml
16) T benzo[b]fluoranthene ...	16.417	4798405	46.549 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	4699495	46.373 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	4729790	46.674 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	4699477	48.362 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	4357414	48.443 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	4749045	46.959 ug/ml

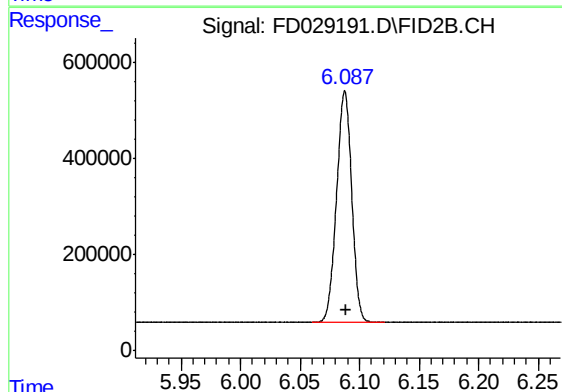
(f)=RT Delta > 1/2 Window

(m)=manual int.



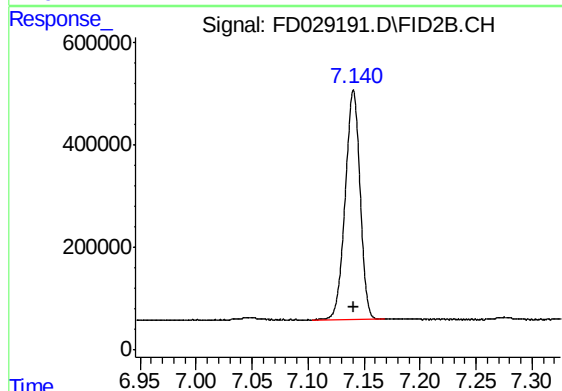
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.540 min
Delta R.T.: -0.002 min
Response: 4069935
Conc: 45.72 ug/ml



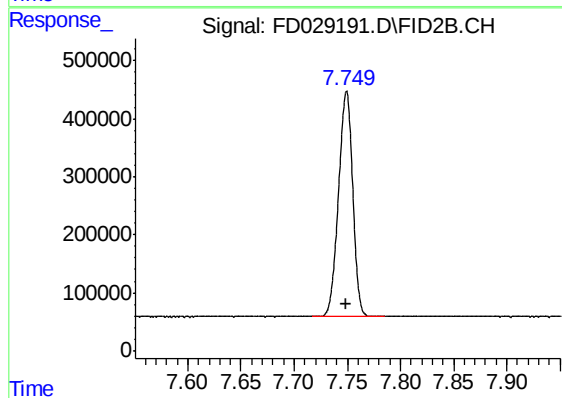
#2 Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 4286615
Conc: 45.86 ug/ml



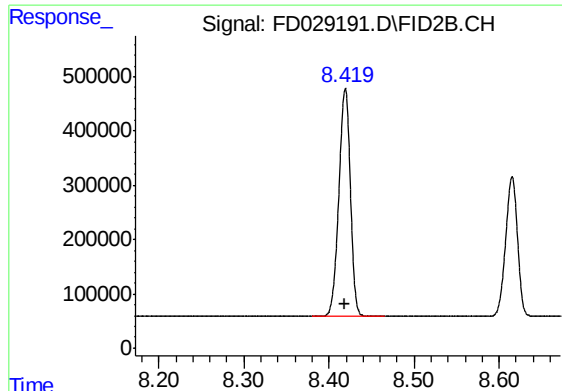
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 4127945
Conc: 45.82 ug/ml



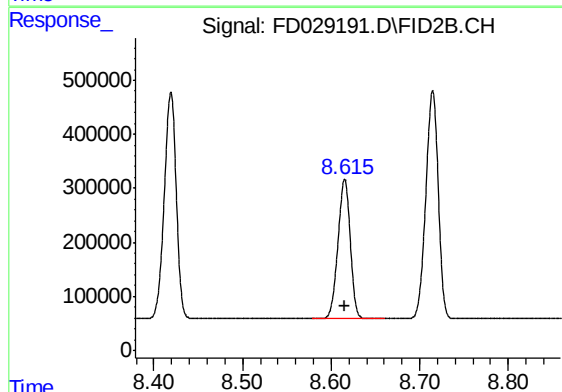
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 3619651
Conc: 45.73 ug/ml



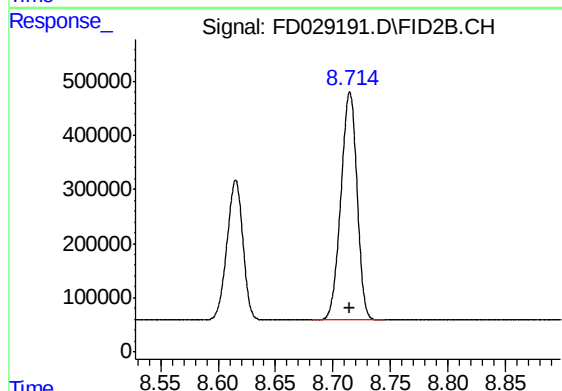
#5 Acenaphthylene (C15.06)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3946990
Conc: 45.90 ug/ml



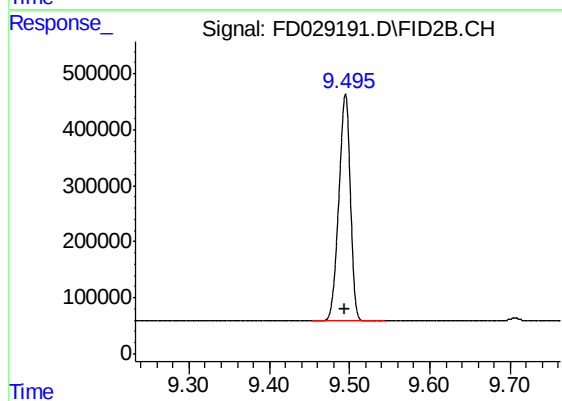
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 2489115
Conc: 46.09 ug/ml



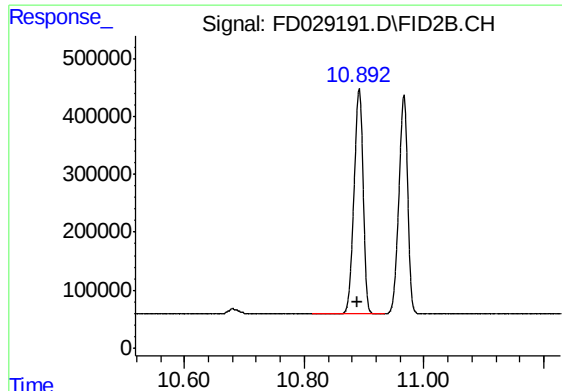
#7 Acenaphthene (C15.5)

R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 4113796
Conc: 46.03 ug/ml



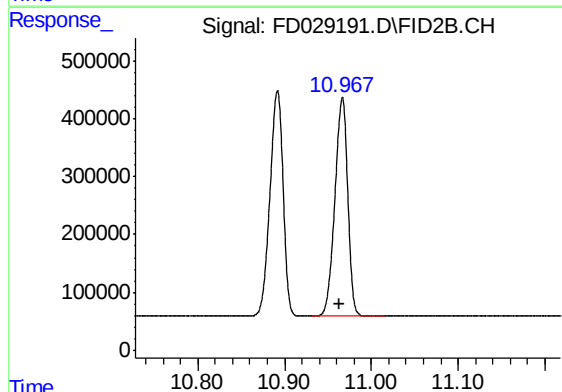
#8 Fluorene (C16.55)

R.T.: 9.495 min
Delta R.T.: 0.002 min
Response: 4049976
Conc: 46.26 ug/ml



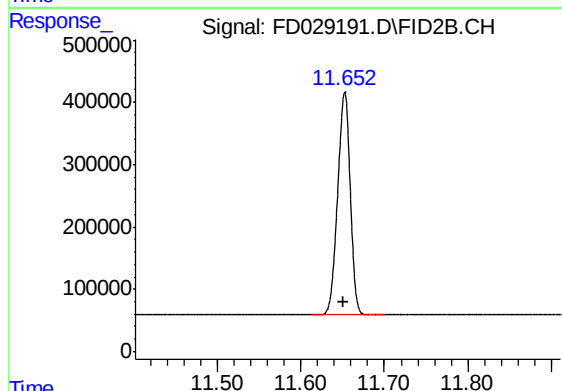
#9 Phenanthrene (C19.36)

R.T.: 10.892 min
Delta R.T.: 0.002 min
Response: 4129307
Conc: 46.10 ug/ml



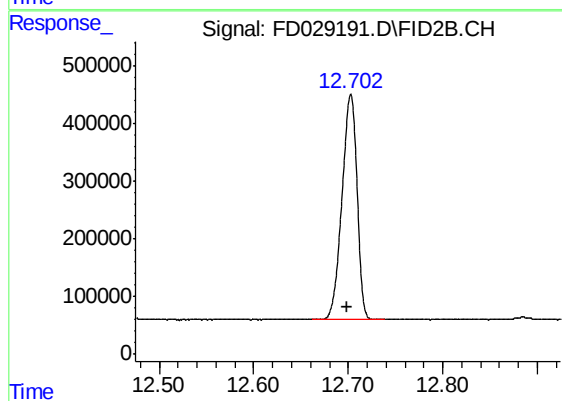
#10 Anthracene (C19.43)

R.T.: 10.967 min
Delta R.T.: 0.003 min
Response: 3890906
Conc: 43.73 ug/ml



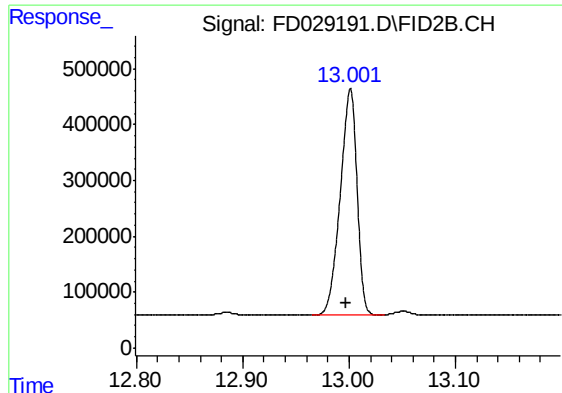
#11 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: 0.001 min
Response: 3754350
Conc: 45.53 ug/ml



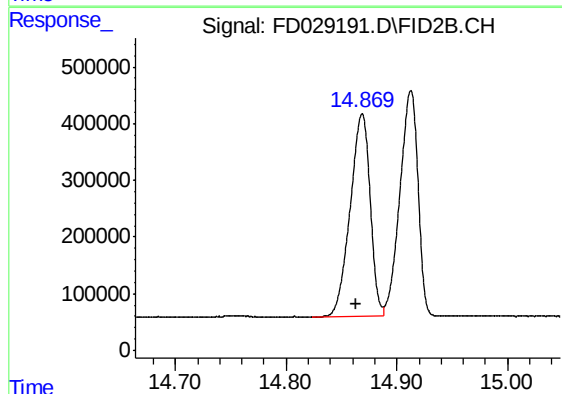
#12 Fluoranthene (C21.85)

R.T.: 12.703 min
Delta R.T.: 0.003 min
Response: 4336336
Conc: 45.17 ug/ml



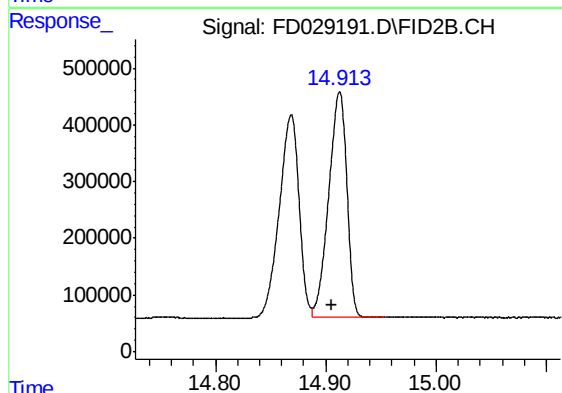
#13 Pyrene (C20.8)

R.T.: 13.001 min
Delta R.T.: 0.004 min
Response: 4440655
Conc: 45.14 ug/ml



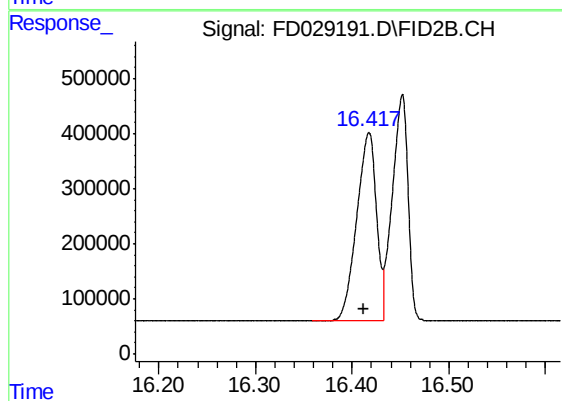
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.869 min
Delta R.T.: 0.005 min
Response: 4490583
Conc: 45.50 ug/ml



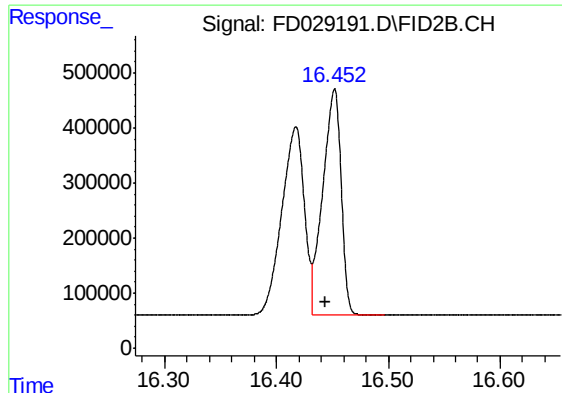
#15 Chrysene (C27.41)

R.T.: 14.913 min
Delta R.T.: 0.007 min
Response: 4550006
Conc: 45.44 ug/ml



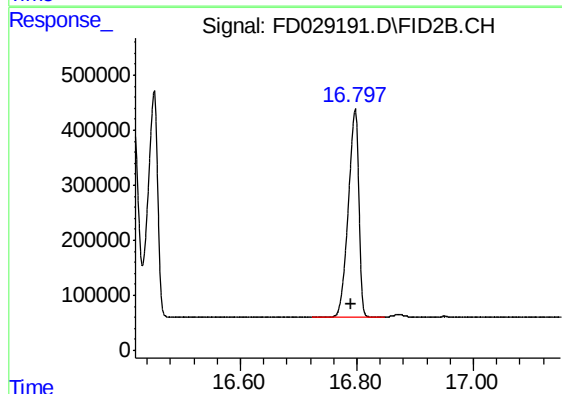
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 4798405
Conc: 46.55 ug/ml



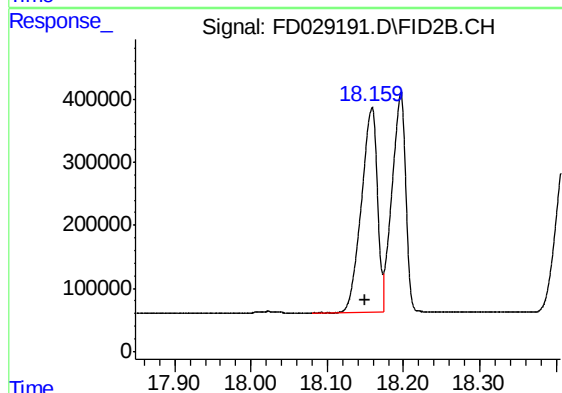
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.452 min
Delta R.T.: 0.008 min
Response: 4699495
Conc: 46.37 ug/ml



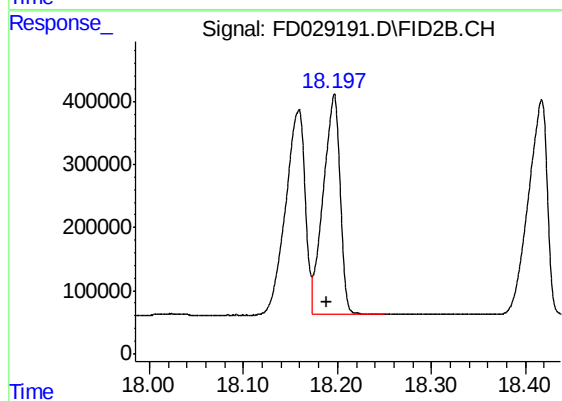
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.007 min
Response: 4729790
Conc: 46.67 ug/ml



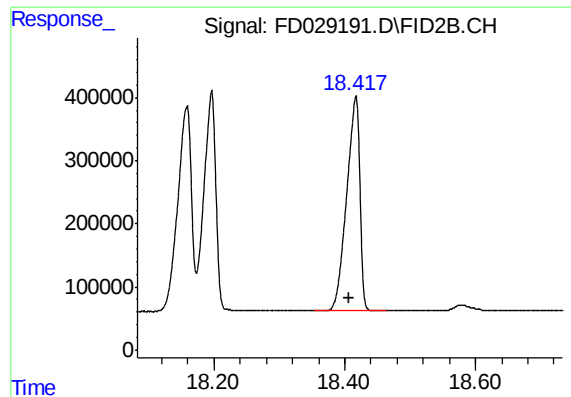
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.008 min
Response: 4699477
Conc: 48.36 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.007 min
Response: 4357414
Conc: 48.44 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.011 min
Response: 4749045
Conc: 46.96 ug/ml