

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051719AR\
 Data File : FD029193.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2019 20:49
 Operator : EI\AJ
 Sample : AR IDOC SOIL 03
 Misc : FOR DD & FE
 ALS Vial : 63 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 04:15:02 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

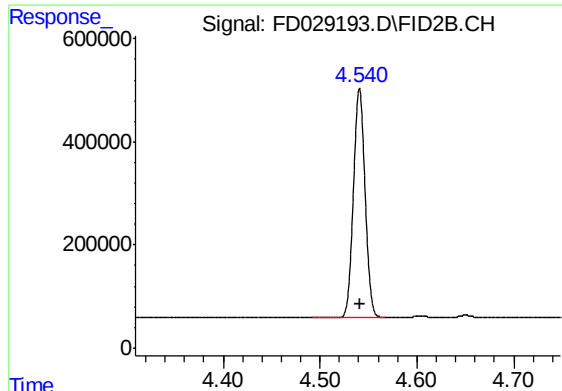
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.749	3295802	41.639 ug/ml
Spiked Amount 50.000		Recovery =	83.28%
6) S 2-Fluorobiphenyl (SURR)	8.616	2224443	41.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.38%
11) S ortho-Terphenyl (SURR)	11.652	3336817	40.462 ug/ml
Spiked Amount 50.000		Recovery =	80.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	3726622	41.860 ug/ml
2) T Naphthalene (C11.7)	6.088	3912813	41.861 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	3759520	41.728 ug/ml
5) T Acenaphthylene (C15.06)	8.419	3541505	41.186 ug/ml
7) T Acenaphthene (C15.5)	8.715	3695884	41.358 ug/ml
8) T Fluorene (C16.55)	9.494	3603190	41.159 ug/ml
9) T Phenanthrene (C19.36)	10.892	3644807	40.693 ug/ml
10) T Anthracene (C19.43)	10.966	3440064	38.660 ug/ml
12) T Fluoranthene (C21.85)	12.702	3806682	39.656 ug/ml
13) T Pyrene (C20.8)	13.001	3885004	39.488 ug/ml
14) T Benzo[a]anthracene (C...	14.868	3951611	40.039 ug/ml
15) T Chrysene (C27.41)	14.911	4008325	40.031 ug/ml
16) T benzo[b]fluoranthene ...	16.416	4200824	40.752 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	4143363	40.885 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	4154917	41.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.157	4124435	42.444 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	3877221	43.104 ug/ml
21) T Benzo[g,h,i]perylene ...	18.413	4165947	41.193 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

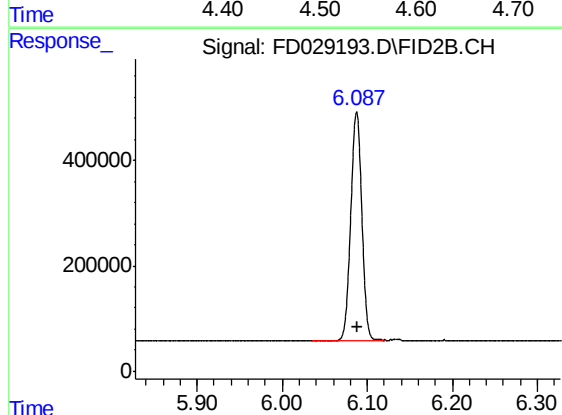
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





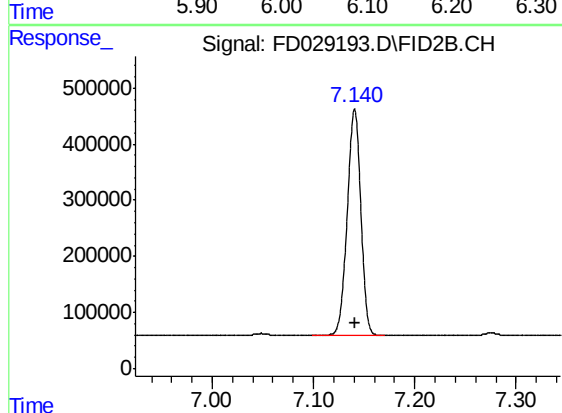
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.541 min
Delta R.T.: -0.001 min
Response: 3726622
Conc: 41.86 ug/ml



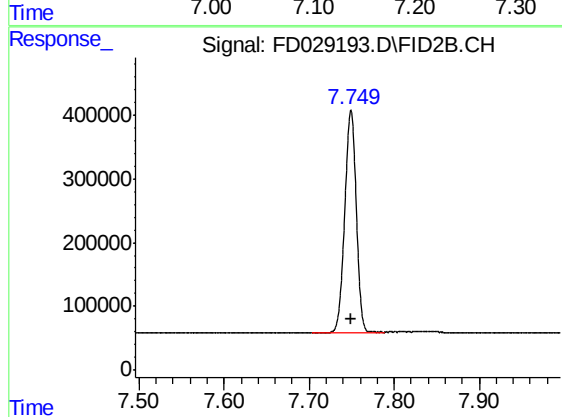
#2 Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 3912813
Conc: 41.86 ug/ml



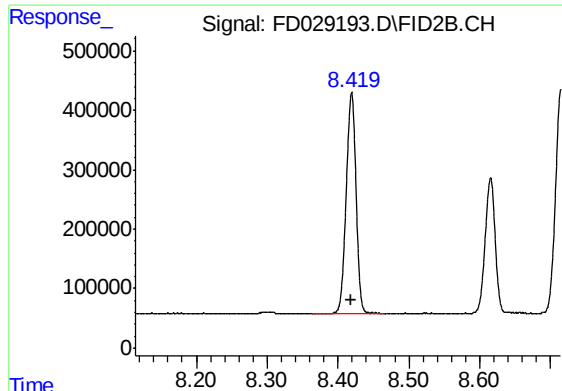
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 3759520
Conc: 41.73 ug/ml



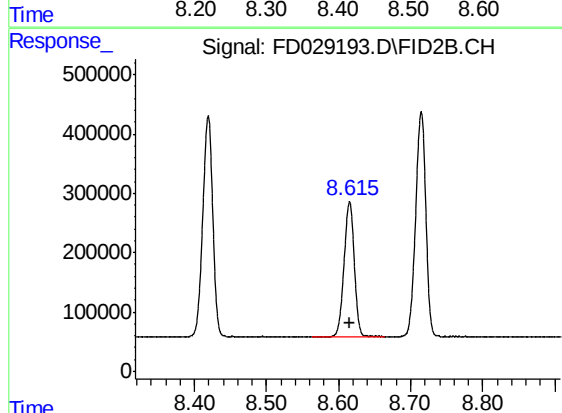
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 3295802
Conc: 41.64 ug/ml



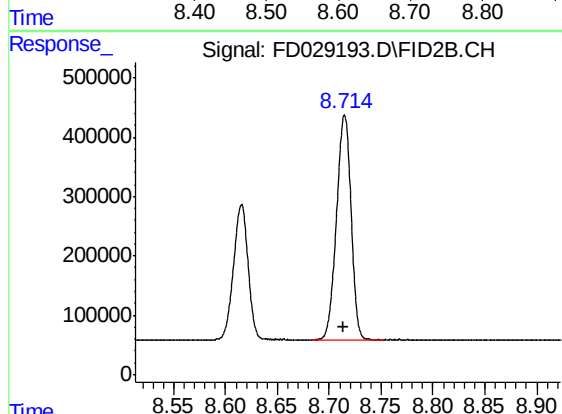
#5 Acenaphthylene (C15.06)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3541505
Conc: 41.19 ug/ml



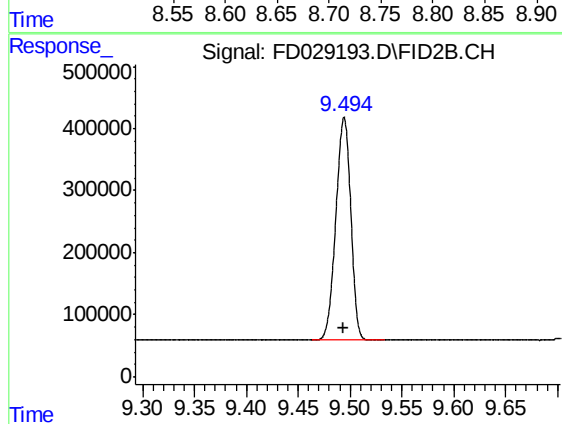
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.616 min
Delta R.T.: 0.000 min
Response: 2224443
Conc: 41.19 ug/ml



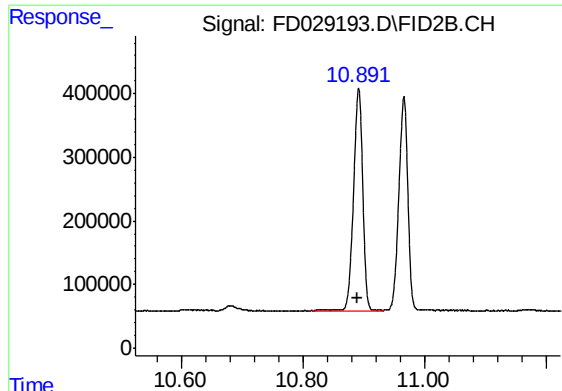
#7 Acenaphthene (C15.5)

R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 3695884
Conc: 41.36 ug/ml



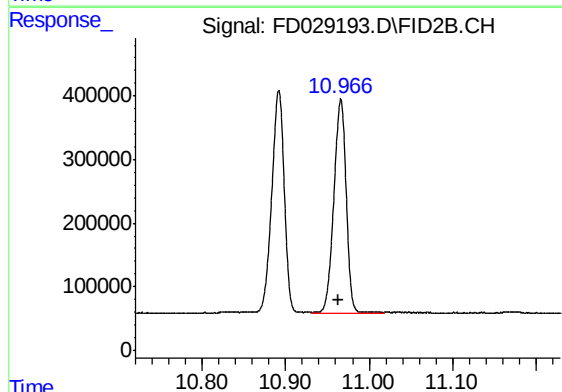
#8 Fluorene (C16.55)

R.T.: 9.494 min
Delta R.T.: 0.001 min
Response: 3603190
Conc: 41.16 ug/ml



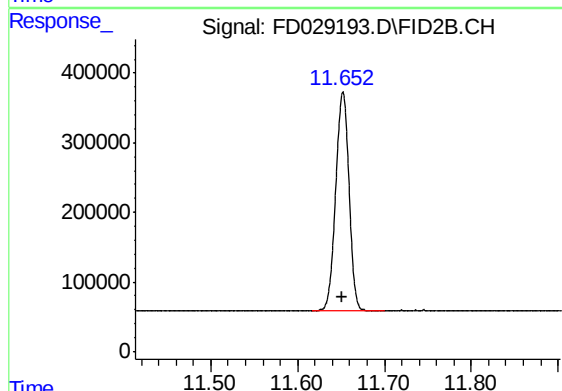
#9 Phenanthrene (C19.36)

R.T.: 10.892 min
Delta R.T.: 0.002 min
Response: 3644807
Conc: 40.69 ug/ml



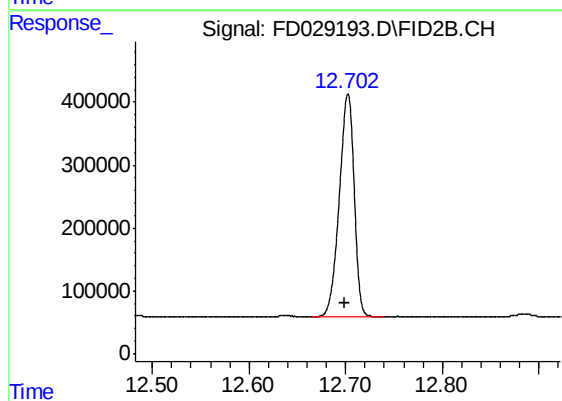
#10 Anthracene (C19.43)

R.T.: 10.966 min
Delta R.T.: 0.003 min
Response: 3440064
Conc: 38.66 ug/ml



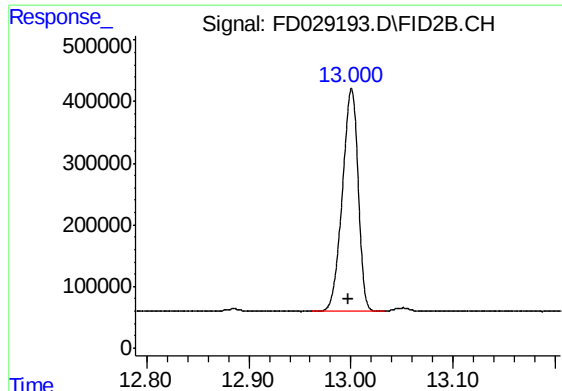
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.001 min
Response: 3336817
Conc: 40.46 ug/ml



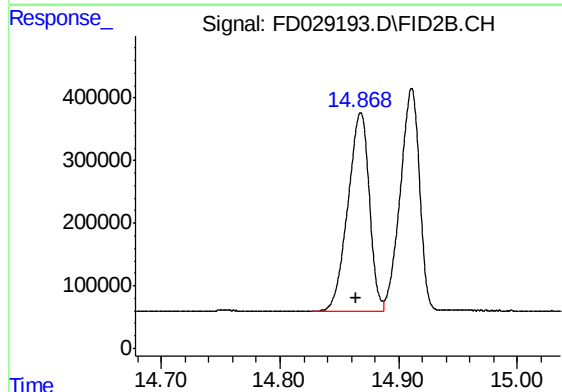
#12 Fluoranthene (C21.85)

R.T.: 12.702 min
Delta R.T.: 0.003 min
Response: 3806682
Conc: 39.66 ug/ml



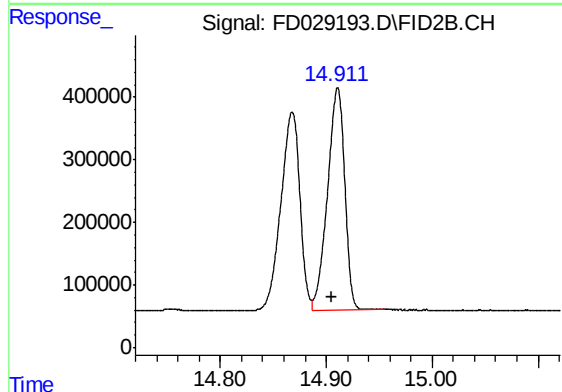
#13 Pyrene (C20.8)

R.T.: 13.001 min
Delta R.T.: 0.003 min
Response: 3885004
Conc: 39.49 ug/ml



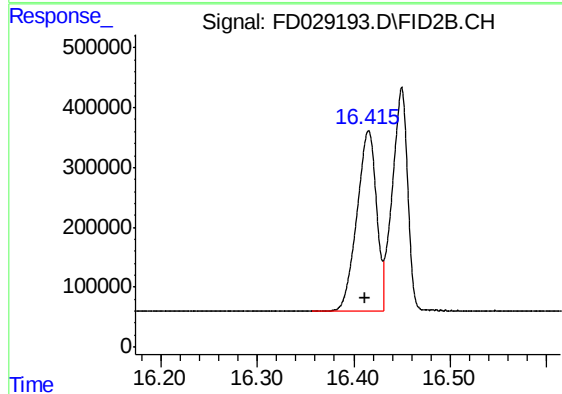
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.868 min
Delta R.T.: 0.004 min
Response: 3951611
Conc: 40.04 ug/ml



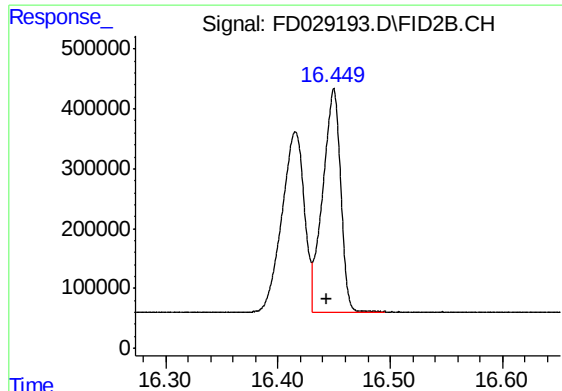
#15 Chrysene (C27.41)

R.T.: 14.911 min
Delta R.T.: 0.005 min
Response: 4008325
Conc: 40.03 ug/ml



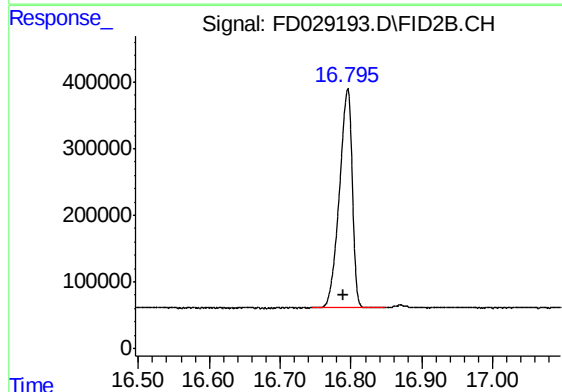
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.416 min
Delta R.T.: 0.004 min
Response: 4200824
Conc: 40.75 ug/ml



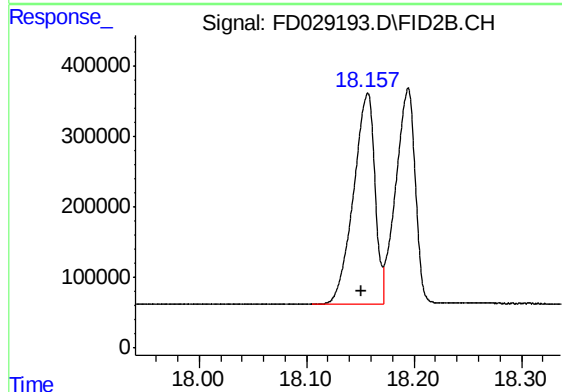
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.450 min
Delta R.T.: 0.006 min
Response: 4143363
Conc: 40.89 ug/ml



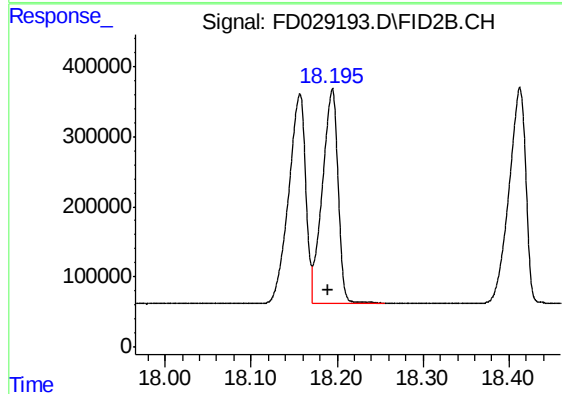
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.006 min
Response: 4154917
Conc: 41.00 ug/ml



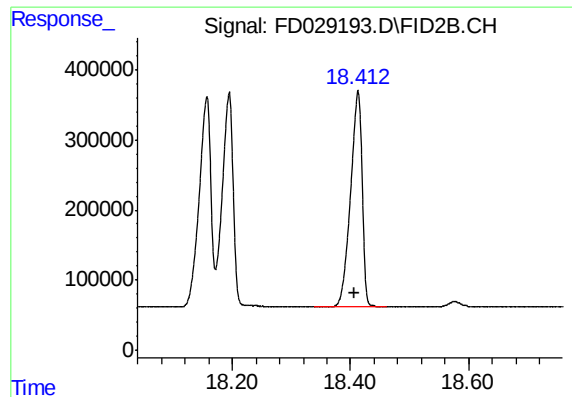
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.157 min
Delta R.T.: 0.006 min
Response: 4124435
Conc: 42.44 ug/ml



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

R.T.: 18.195 min
Delta R.T.: 0.005 min
Response: 3877221
Conc: 43.10 ug/ml



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

R.T.: 18.413 min
Delta R.T.: 0.006 min
Response: 4165947
Conc: 41.19 ug/ml