

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021722AR\
 Data File : FD041178.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2022 16:31
 Operator : YP\AJ
 Sample : N1556-01MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NE-SURFICIAL-SOILMS

Integration File: sample.E
 Quant Time: Feb 18 01:10:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

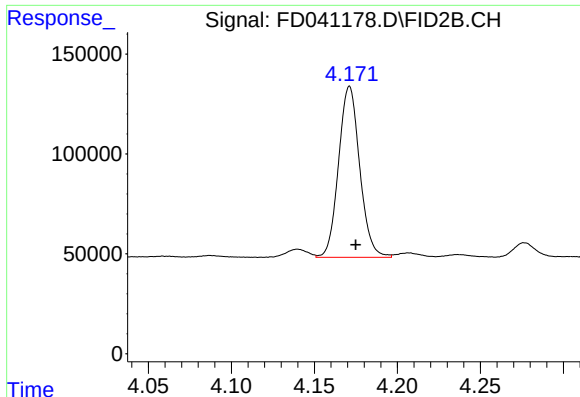
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.353	999552	47.285 ug/ml
Spiked Amount 50.000		Recovery =	94.57%
6) S 2-Fluorobiphenyl (SURR)	8.200	655483	51.158 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.32%
11) S ortho-Terphenyl (SURR)	11.232	957504	32.997 ug/ml
Spiked Amount 50.000		Recovery =	65.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	759049	29.911 ug/ml
2) T Naphthalene (C11.7)	5.695	956073	41.169 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	778977	32.947 ug/ml
5) T Acenaphthylene (C15.06)	8.002	840999	31.340 ug/ml
7) T Acenaphthene (C15.5)	8.295	920054	30.541 ug/ml
8) T Flouorene (C16.55)	9.073	943018	37.899 ug/ml
9) T Phenanthrene (C19.36)	10.459	2018158	81.903 ug/ml
10) T Anthracene (C19.43)	10.533	1021832	39.169 ug/ml
12) T Fluoranthene (C21.85)	12.260	2311255	86.762 ug/ml
13) T Pyrene (C20.8)	12.553	1899123	70.199 ug/ml
14) T Benzo[a]anthracene (C...	14.420	1395070	62.621 ug/ml
15) T Chrysene (C27.41)	14.461	1654845	52.578 ug/ml
16) T benzo[b]fluoranthene ...	15.965	1755411	70.558 ug/ml
17) T Bnezo[k]fluoranthene ...	15.994	1212269	39.723 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	1235751	48.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	1140898	48.339 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	966838	32.630 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	1077041	40.559 ug/ml

(f)=RT Delta > 1/2 Window

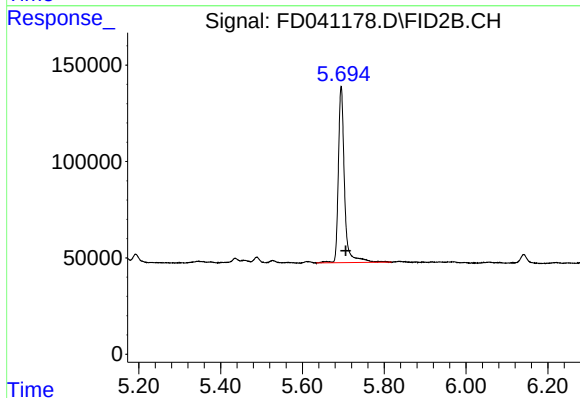
(m)=manual int.



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

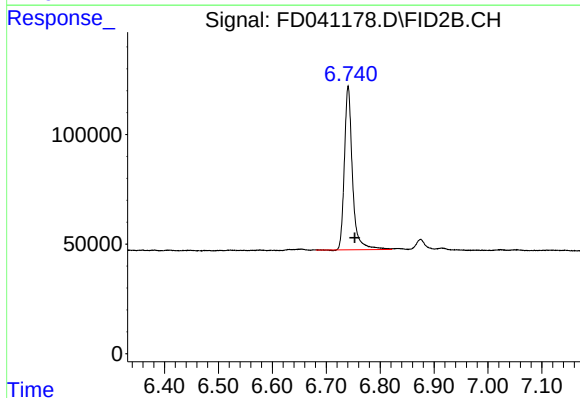
R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 759049
Conc: 29.91 ug/ml

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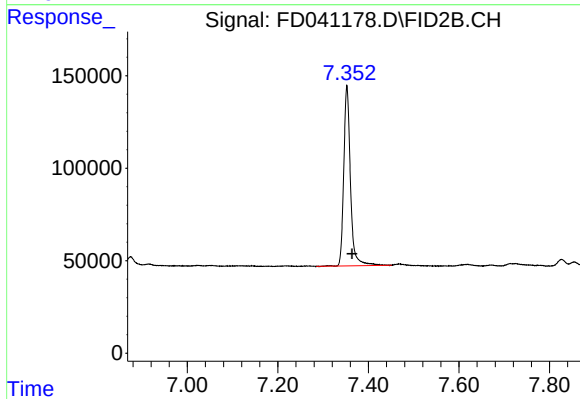
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.011 min
Response: 956073
Conc: 41.17 ug/ml



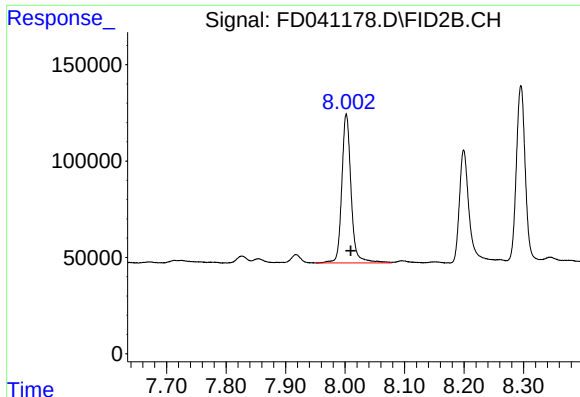
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 778977
Conc: 32.95 ug/ml



#4 2-Bromonaphthalene (SURR)

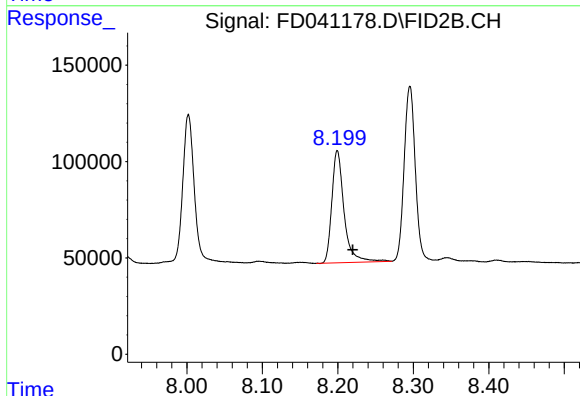
R.T.: 7.353 min
Delta R.T.: -0.011 min
Response: 999552
Conc: 47.28 ug/ml



#5 Acenaphthylene (C15.06)

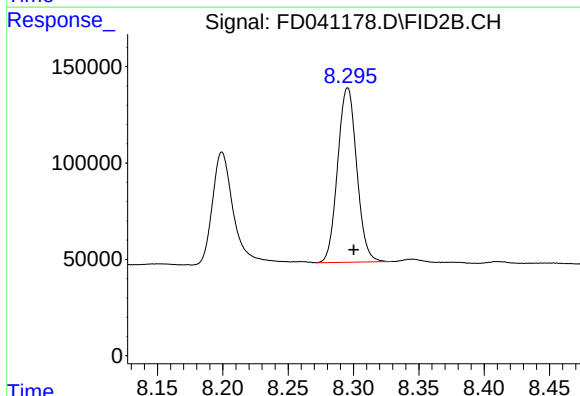
R.T.: 8.002 min
Delta R.T.: -0.007 min
Response: 840999
Conc: 31.34 ug/ml

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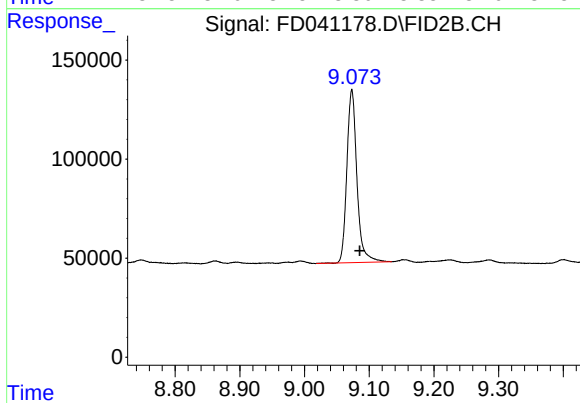
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.020 min
Response: 655483
Conc: 51.16 ug/ml



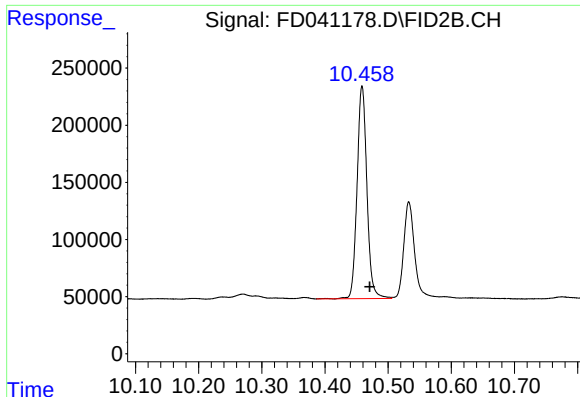
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.005 min
Response: 920054
Conc: 30.54 ug/ml



#8 Flouorene (C16.55)

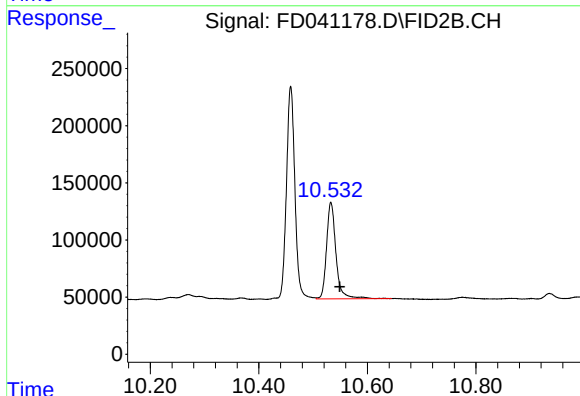
R.T.: 9.073 min
Delta R.T.: -0.012 min
Response: 943018
Conc: 37.90 ug/ml



#9 Phenanthrene (C19.36)

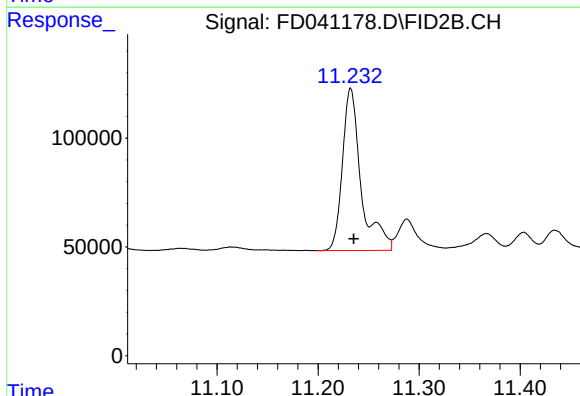
R.T.: 10.459 min
Delta R.T.: -0.012 min
Response: 2018158
Conc: 81.90 ug/ml

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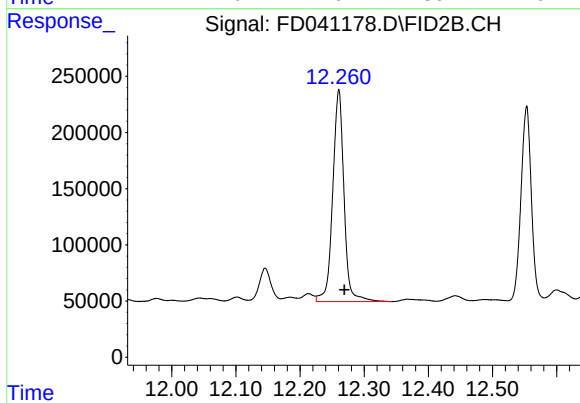
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.016 min
Response: 1021832
Conc: 39.17 ug/ml



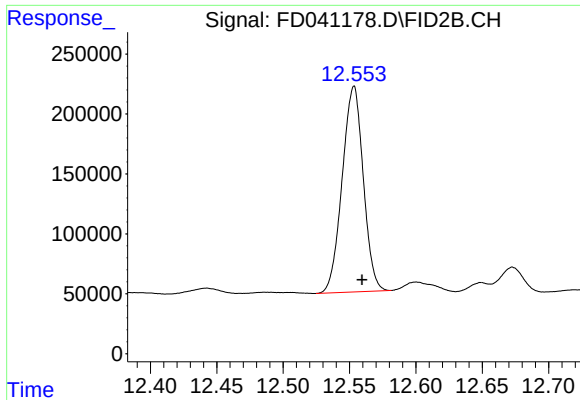
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.003 min
Response: 957504
Conc: 33.00 ug/ml



#12 Fluoranthene (C21.85)

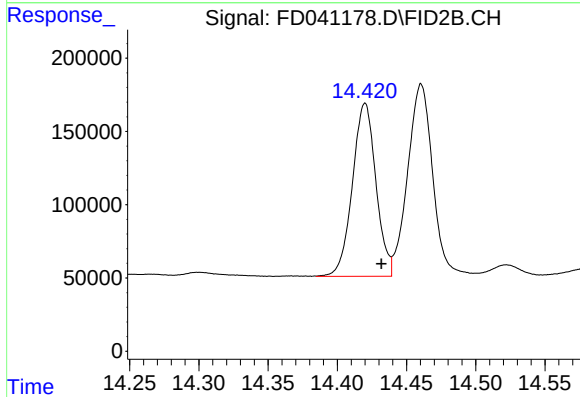
R.T.: 12.260 min
Delta R.T.: -0.009 min
Response: 2311255
Conc: 86.76 ug/ml



#13 Pyrene (C20.8)

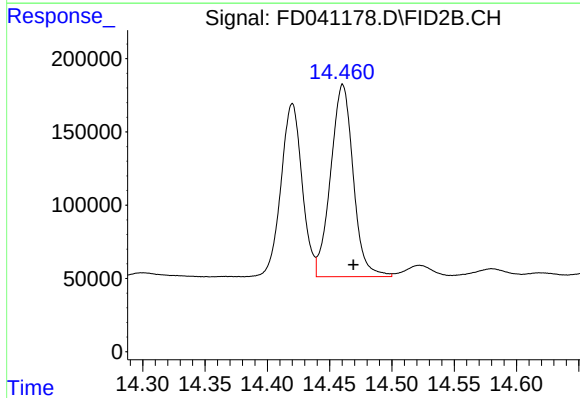
R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 1899123
Conc: 70.20 ug/ml

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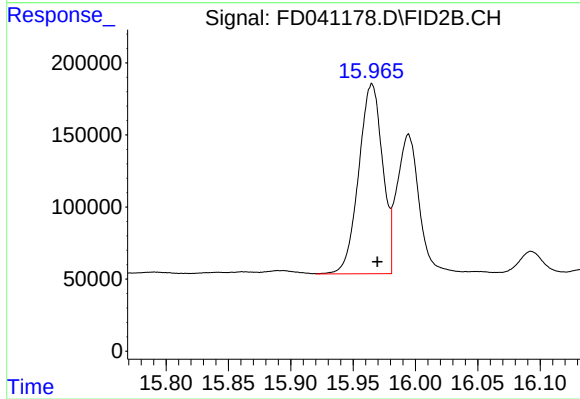
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.012 min
Response: 1395070
Conc: 62.62 ug/ml



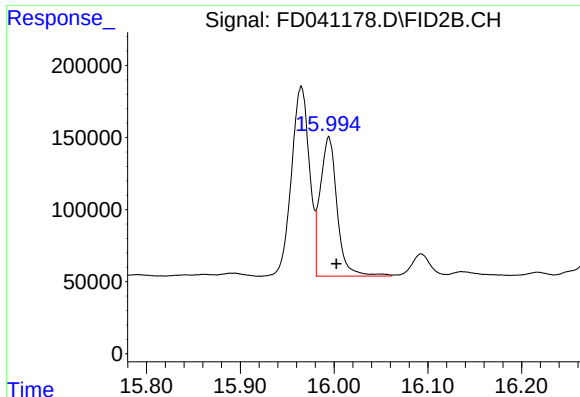
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.009 min
Response: 1654845
Conc: 52.58 ug/ml



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

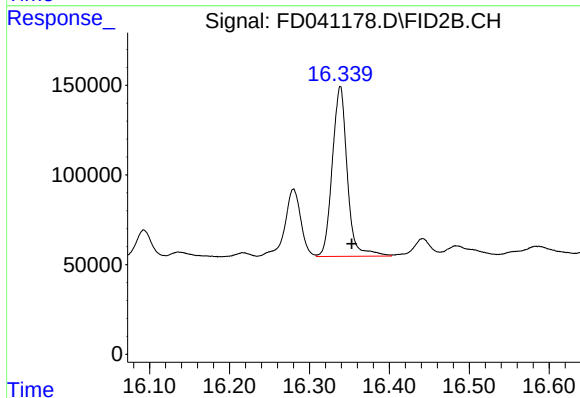
R.T.: 15.965 min
Delta R.T.: -0.005 min
Response: 1755411
Conc: 70.56 ug/ml



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

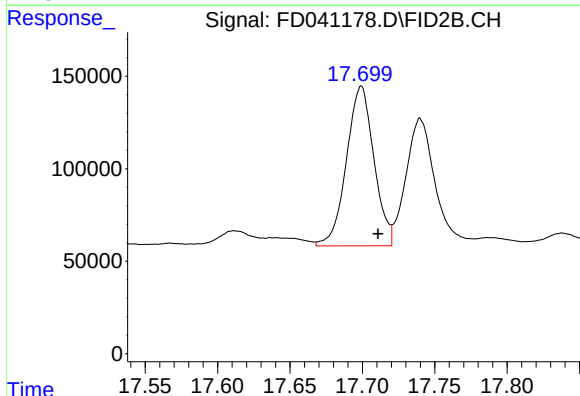
R.T.: 15.994 min
Delta R.T.: -0.008 min
Response: 1212269
Conc: 39.72 ug/ml

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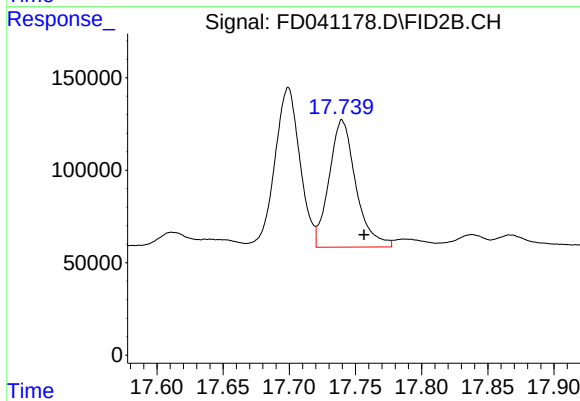
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: -0.015 min
Response: 1235751
Conc: 48.48 ug/ml



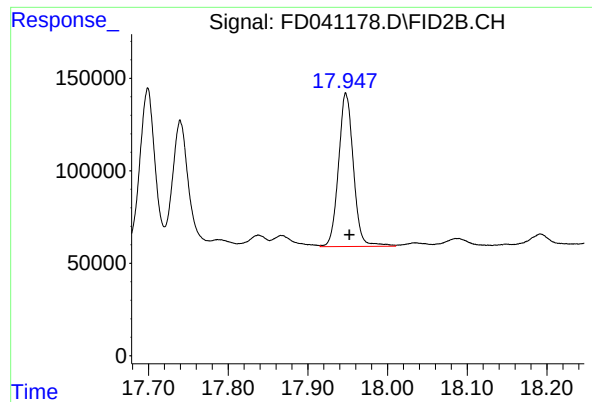
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.012 min
Response: 1140898
Conc: 48.34 ug/ml



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

R.T.: 17.740 min
Delta R.T.: -0.016 min
Response: 966838
Conc: 32.63 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.004 min
Response: 1077041
Conc: 40.56 ug/ml

Instrument :

FID_D

ClientSampleId :

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