

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033157.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2020 20:50
 Operator : DD\AJ
 Sample : L2351-03
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-17B

Integration File: autoint1.e
 Quant Time: Apr 24 02:06:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 2020
 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...	7.596	6017569	41.014 ug/ml
Spiked Amount 50.000		Recovery =	82.03%
6) S 2-Fluorobiphenyl (SURR)	8.458	3943586	40.423 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.85%
11) S ortho-Terphenyl (SURR)	11.490	3432706	21.480 ug/ml
Spiked Amount 50.000		Recovery =	42.96%
Target Compounds			
8) T Flouorene (C16.55)	9.333	222004	1.428 ug/ml
9) T Phenanthrene (C19.36)	10.727	554232	3.538 ug/ml
10) T Anthracene (C19.43)	10.803	220258	1.446 ug/ml
12) T Fluoranthene (C21.85)	12.537	1115894	7.081 ug/ml
13) T Pyrene (C20.8)	12.834	1017235	6.514 ug/ml
14) T Benzo[a]anthracene (C...	14.746	596389	4.190 ug/ml
15) T Chrysene (C27.41)	14.746	596389	4.042 ug/ml
16) T benzo[b]fluoranthene ...	16.286	275218	2.016 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	275218	2.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.636	644089	4.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	331027	2.742 ug/ml
21) T Benzo[g,h,i]perylene ...	18.256	381506	3.152 ug/ml

(f)=RT Delta > 1/2 Window

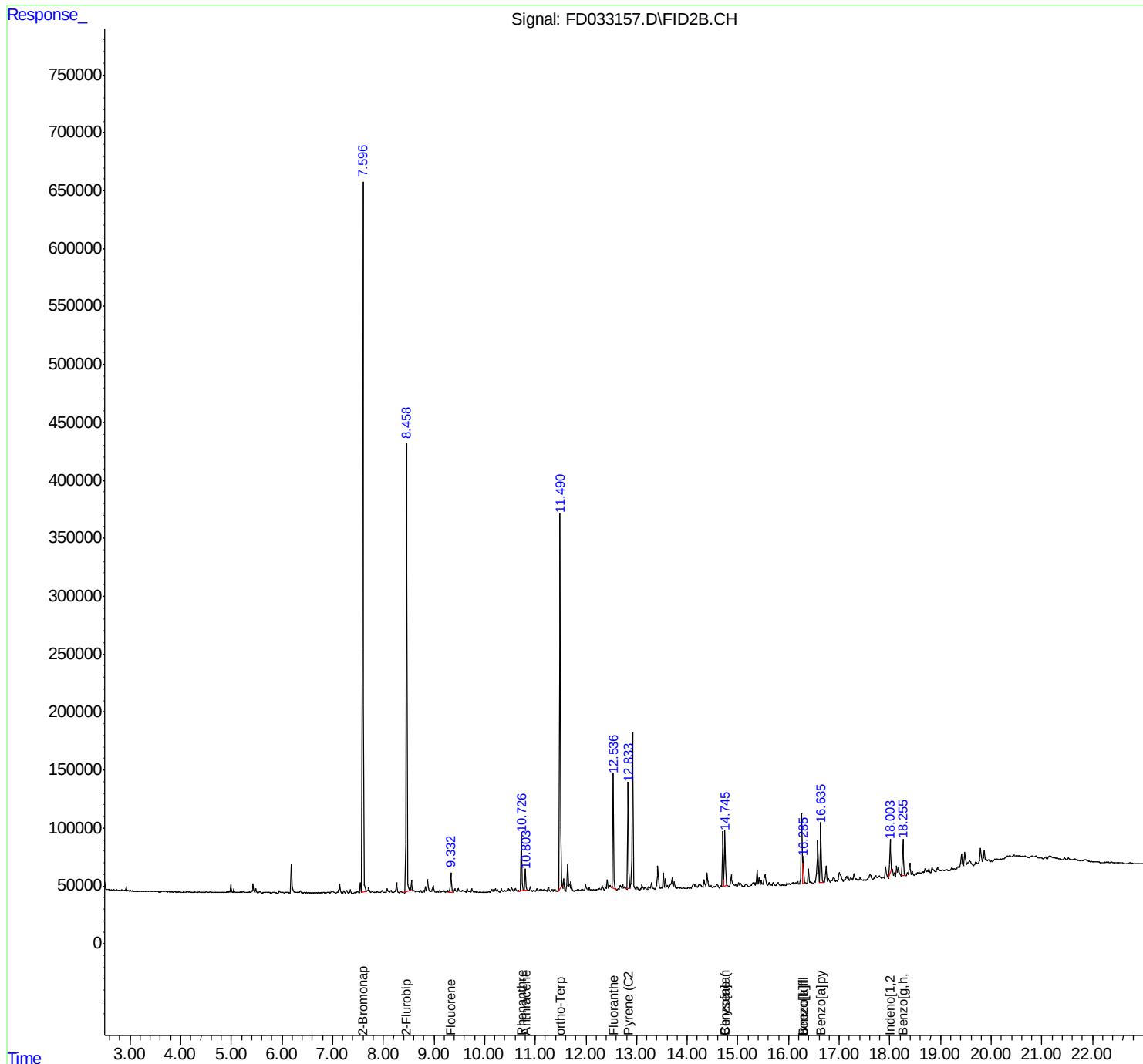
(m)=manual int.

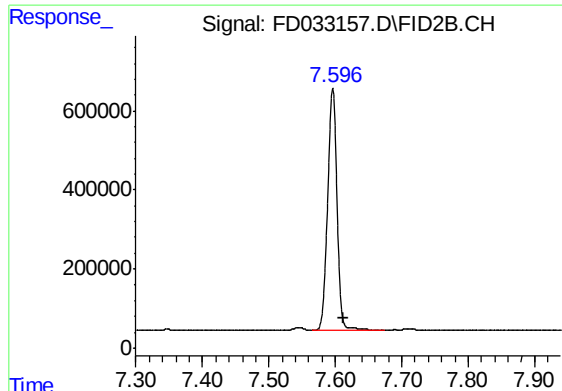
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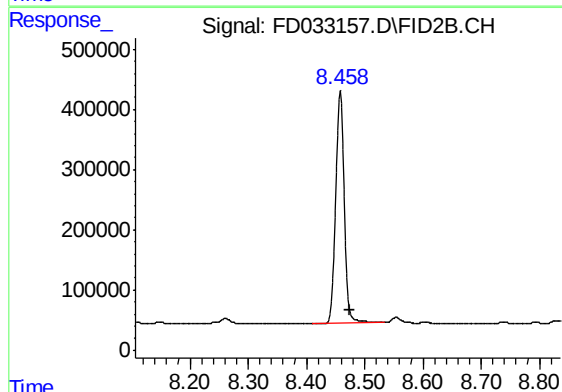




#4 2-Bromonaphthalene (SURR)

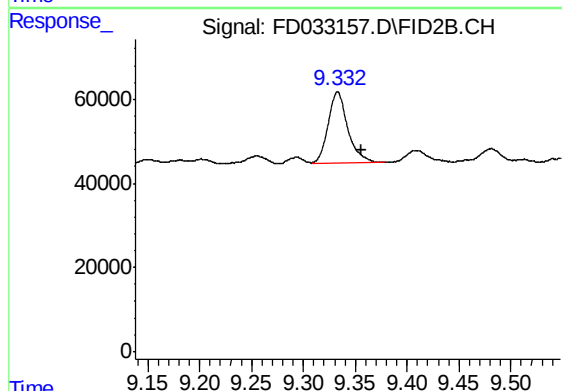
R.T.: 7.596 min
Delta R.T.: -0.015 min
Response: 6017569
Conc: 41.01 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-17B



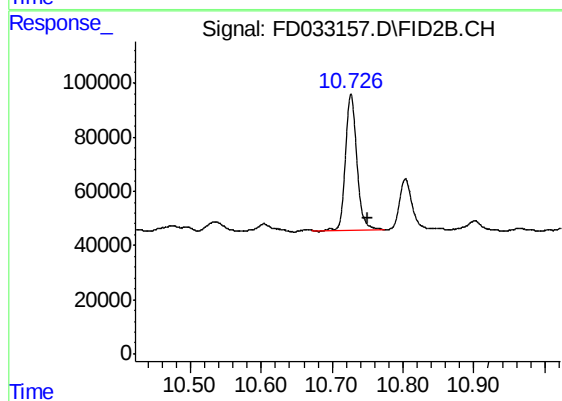
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: -0.017 min
Response: 3943586
Conc: 40.42 ug/ml



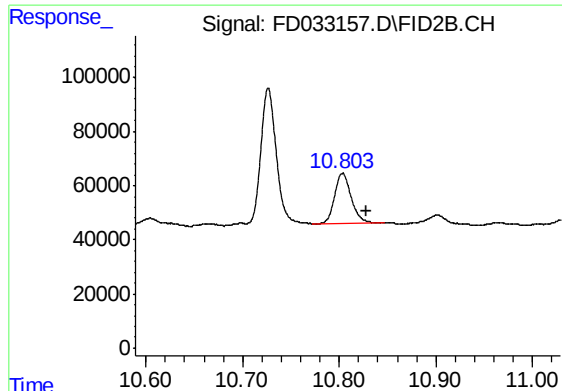
#8 Flouorene (C16.55)

R.T.: 9.333 min
Delta R.T.: -0.023 min
Response: 222004
Conc: 1.43 ug/ml



#9 Phenanthrene (C19.36)

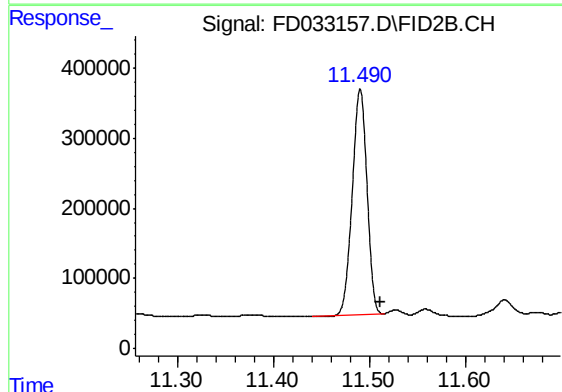
R.T.: 10.727 min
Delta R.T.: -0.024 min
Response: 554232
Conc: 3.54 ug/ml



#10 Anthracene (C19.43)

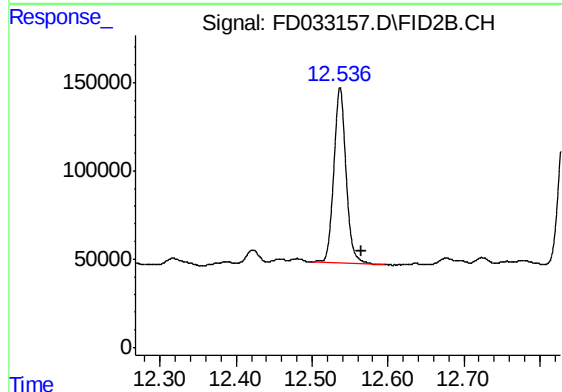
R.T.: 10.803 min
Delta R.T.: -0.025 min
Response: 220258
Conc: 1.45 ug/ml

Instrument :
FID_D
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TP-17B



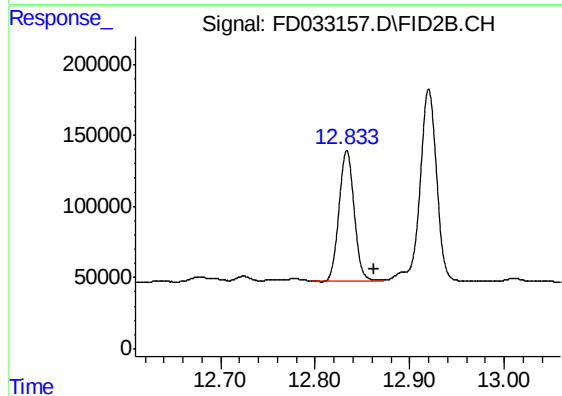
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.022 min
Response: 3432706
Conc: 21.48 ug/ml



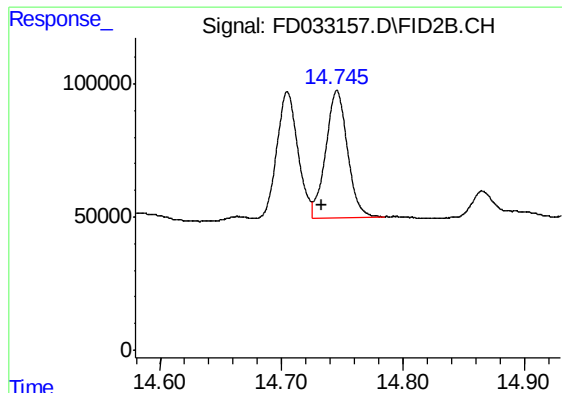
#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.027 min
Response: 1115894
Conc: 7.08 ug/ml



#13 Pyrene (C20.8)

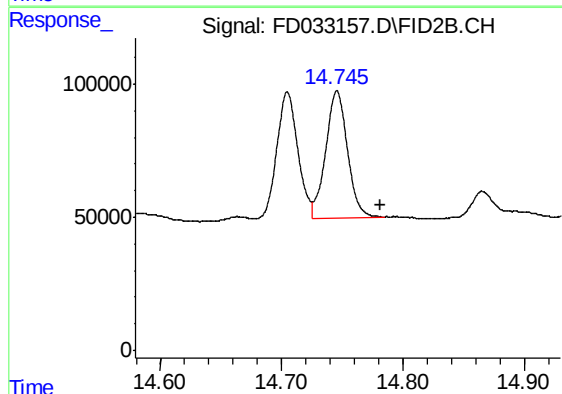
R.T.: 12.834 min
Delta R.T.: -0.029 min
Response: 1017235
Conc: 6.51 ug/ml



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

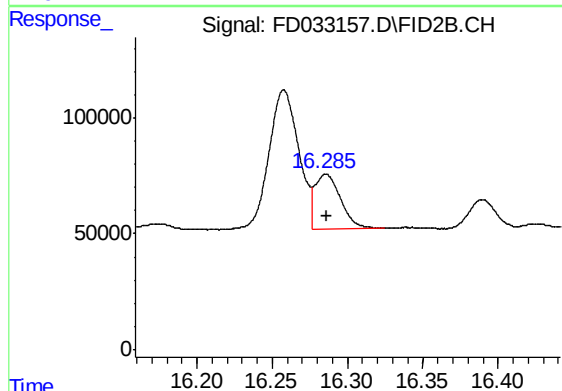
R.T.: 14.746 min
Delta R.T.: 0.013 min
Response: 596389
Conc: 4.19 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-17B



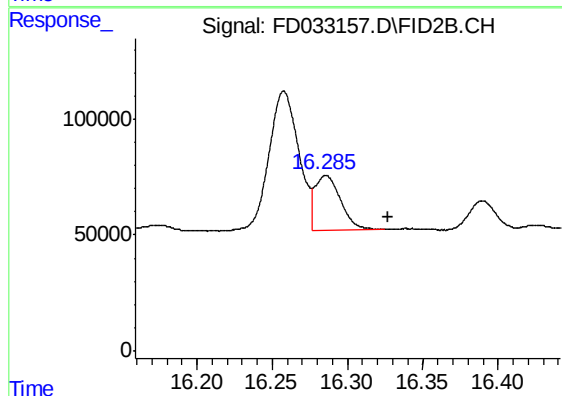
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: -0.036 min
Response: 596389
Conc: 4.04 ug/ml



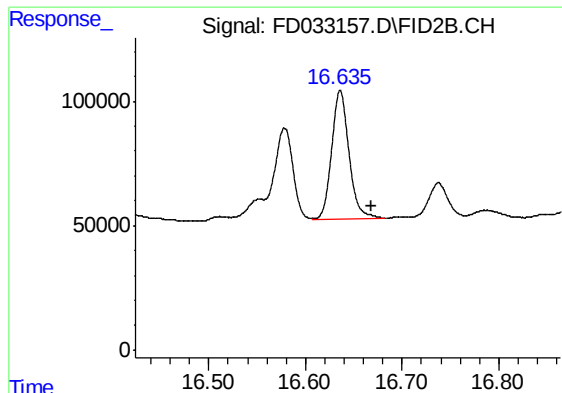
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: 0.000 min
Response: 275218
Conc: 2.02 ug/ml



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

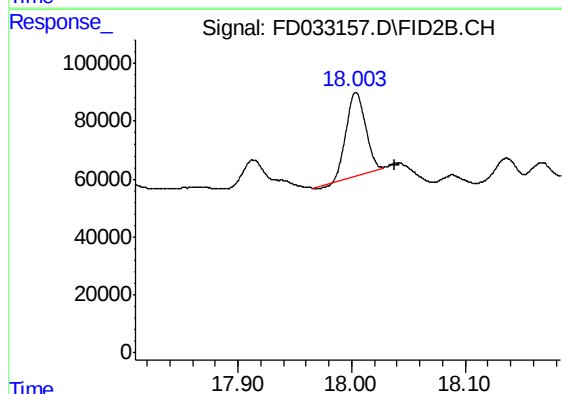
R.T.: 16.286 min
Delta R.T.: -0.041 min
Response: 275218
Conc: 2.00 ug/ml



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

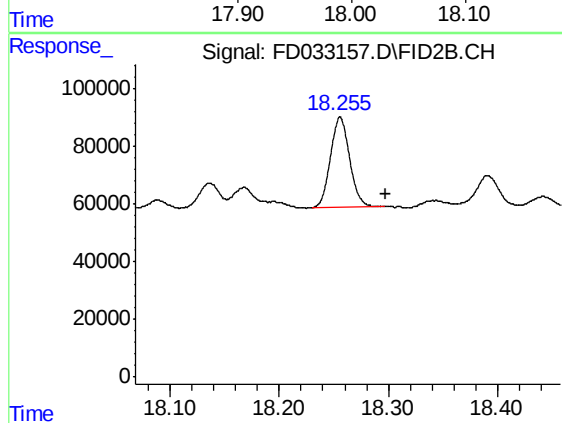
R.T.: 16.636 min
Delta R.T.: -0.033 min
Response: 644089
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-17B



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

R.T.: 18.004 min
Delta R.T.: -0.034 min
Response: 331027
Conc: 2.74 ug/ml



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

R.T.: 18.256 min
Delta R.T.: -0.042 min
Response: 381506
Conc: 3.15 ug/ml