

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033148.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2020 15:25
 Operator : DD\AJ
 Sample : L2331-06
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-19A

Integration File: autoint1.e
 Quant Time: Apr 24 02:04:27 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...	7.594	6160206	41.986 ug/ml
Spiked Amount 50.000		Recovery =	83.97%
6) S 2-Fluorobiphenyl (SURR)	8.456	4111860	42.147 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.29%
11) S ortho-Terphenyl (SURR)	11.490	4361379	27.290 ug/ml
Spiked Amount 50.000		Recovery =	54.58%
Target Compounds			
9) T Phenanthrene (C19.36)	10.726	450158	2.874 ug/ml
10) T Anthracene (C19.43)	10.803	169823	1.115 ug/ml
12) T Fluoranthene (C21.85)	12.536	1214576	7.707 ug/ml
13) T Pyrene (C20.8)	12.832	1129184	7.231 ug/ml
14) T Benzo[a]anthracene (C...	14.744	624124	4.384 ug/ml
15) T Chrysene (C27.41)	14.744	624124	4.230 ug/ml
16) T benzo[b]fluoranthene ...	16.285	240479	1.762 ug/ml
17) T Bnezo[k]fluoranthene ...	16.285	240479	1.747 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.635	574491	4.337 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.003	272475	2.257 ug/ml
21) T Benzo[g,h,i]perylene ...	18.255	339120	2.802 ug/ml

(f)=RT Delta > 1/2 Window

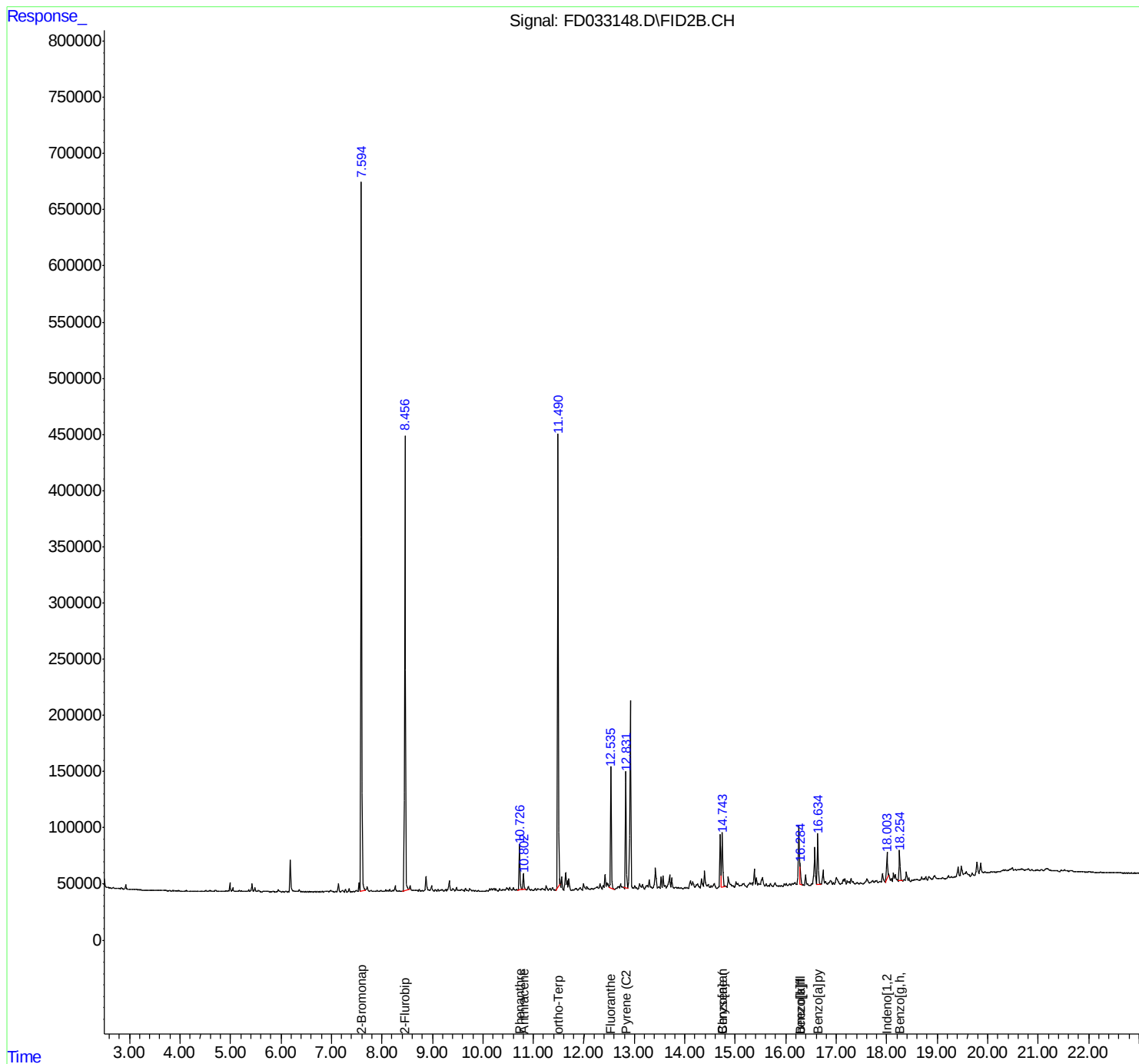
(m)=manual int.

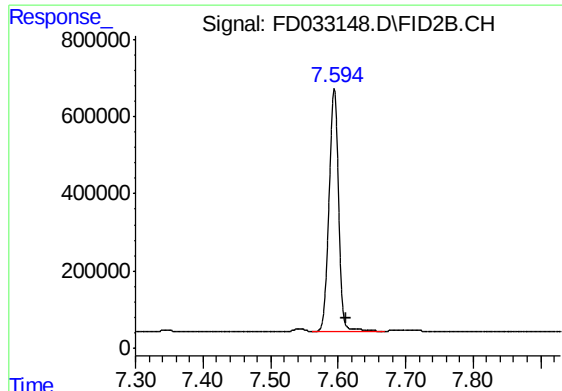
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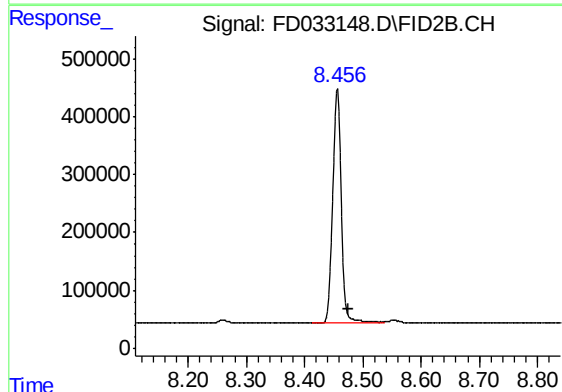




#4 2-Bromonaphthalene (SURR)

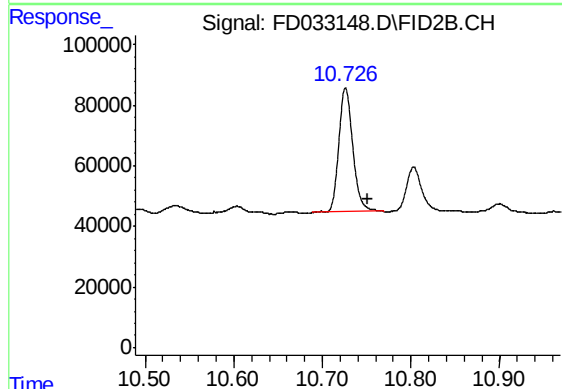
R.T.: 7.594 min
Delta R.T.: -0.017 min
Response: 6160206
Conc: 41.99 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-19A



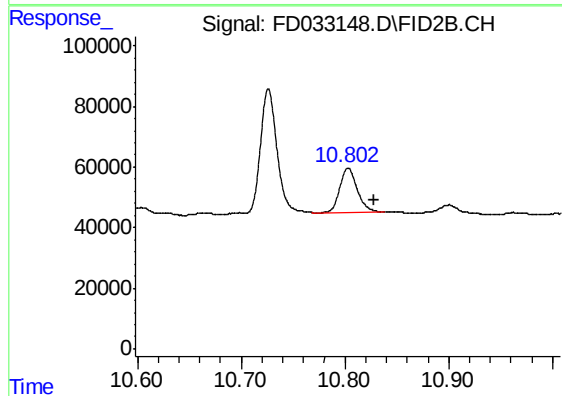
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.019 min
Response: 4111860
Conc: 42.15 ug/ml



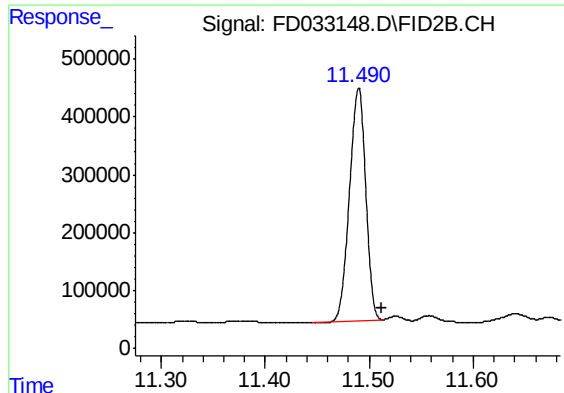
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.025 min
Response: 450158
Conc: 2.87 ug/ml



#10 Anthracene (C19.43)

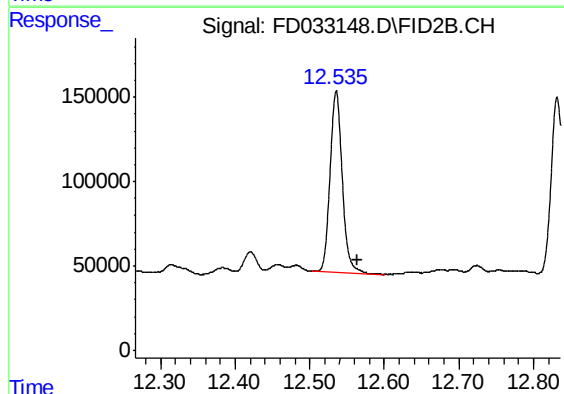
R.T.: 10.803 min
Delta R.T.: -0.025 min
Response: 169823
Conc: 1.11 ug/ml



#11 ortho-Terphenyl (SURR)

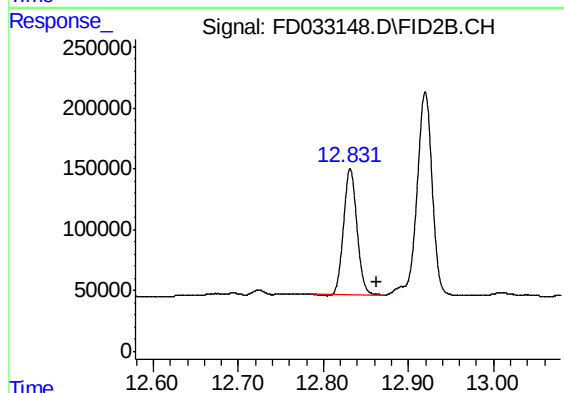
R.T.: 11.490 min
Delta R.T.: -0.022 min
Response: 4361379
Conc: 27.29 ug/ml

Instrument :
FID_D
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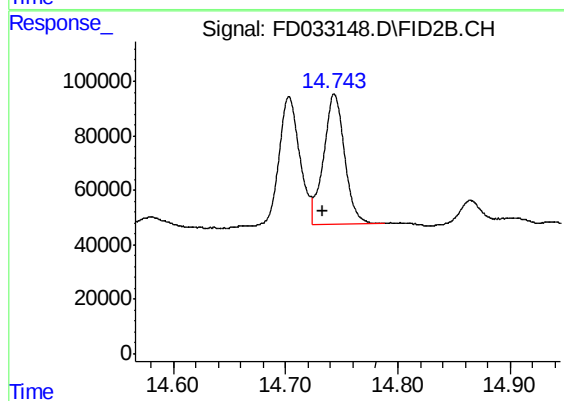
#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: -0.029 min
Response: 1214576
Conc: 7.71 ug/ml



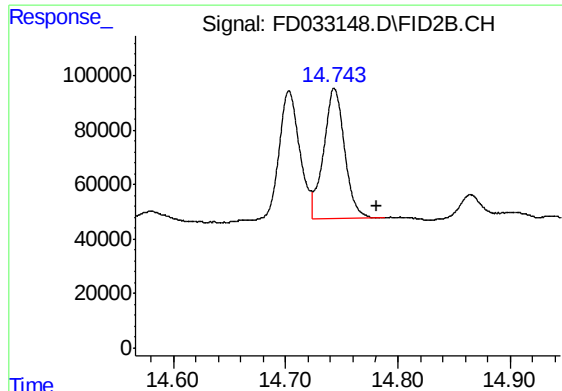
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.031 min
Response: 1129184
Conc: 7.23 ug/ml



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

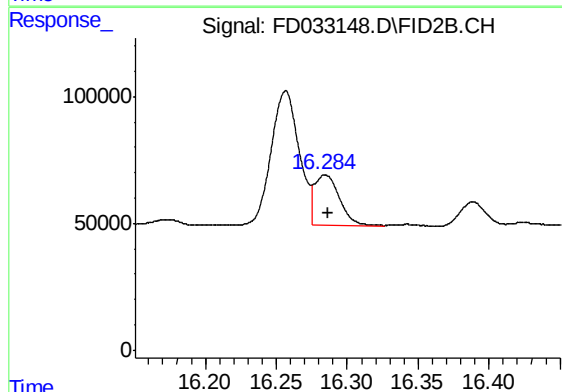
R.T.: 14.744 min
Delta R.T.: 0.011 min
Response: 624124
Conc: 4.38 ug/ml



#15 Chrysene (C27.41)

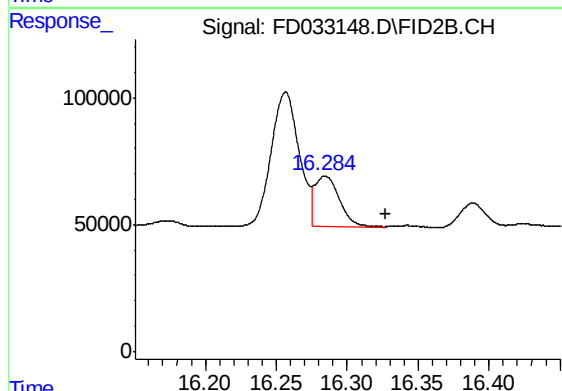
R.T.: 14.744 min
Delta R.T.: -0.038 min
Response: 624124
Conc: 4.23 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-19A



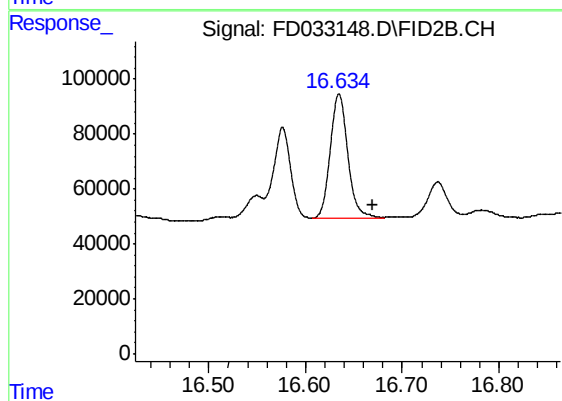
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.285 min
Delta R.T.: -0.001 min
Response: 240479
Conc: 1.76 ug/ml



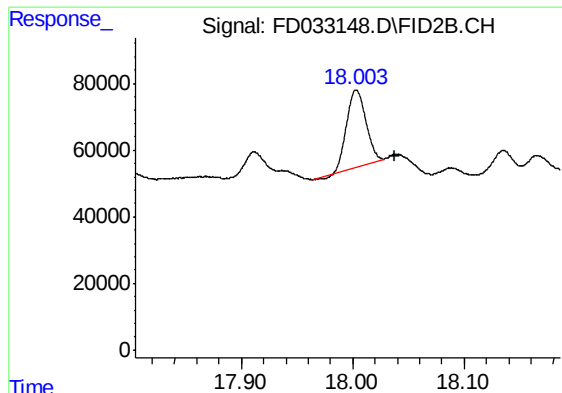
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.285 min
Delta R.T.: -0.042 min
Response: 240479
Conc: 1.75 ug/ml



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

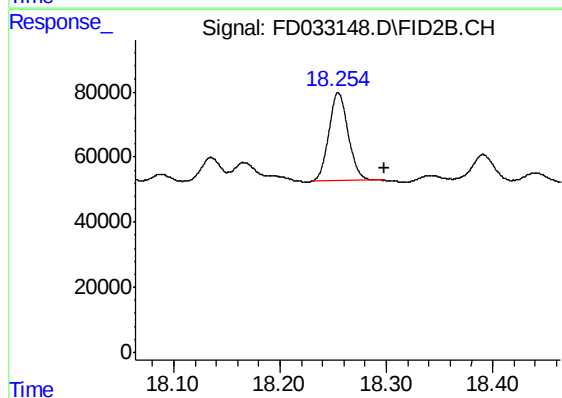
R.T.: 16.635 min
Delta R.T.: -0.035 min
Response: 574491
Conc: 4.34 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.035 min
Response: 272475
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-19A



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

R.T.: 18.255 min
Delta R.T.: -0.043 min
Response: 339120
Conc: 2.80 ug/ml