

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045335.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 18:41
 Operator : YP/AJ
 Sample : 02012-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:28:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.549	5882291	43.345 ug/ml
Spiked Amount 50.000		Recovery =	86.69%
6) S 2-Fluorobiphenyl (SURR)	8.405	3658098	40.857 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.71%
11) S ortho-Terphenyl (SURR)	11.446	6283152	37.747 ug/ml
Spiked Amount 50.000		Recovery =	75.49%
Target Compounds			
9) T Phenanthrene (C19.36)	10.669	67990	0.476 ug/ml
12) T Fluoranthene (C21.85)	12.473	129853	0.930 ug/ml
13) T Pyrene (C20.8)	12.768	117699	0.864 ug/ml
14) T Benzo[a]anthracene (C...	14.631	77392	0.607 ug/ml
15) T Chrysene (C27.41)	14.672	91146	0.699 ug/ml
16) T benzo[b]fluoranthene ...	16.174	94969	0.737 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	73415	0.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	91518	0.727 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	338922	2.833 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	460176	3.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.154	254649	2.047 ug/ml

(f)=RT Delta > 1/2 Window

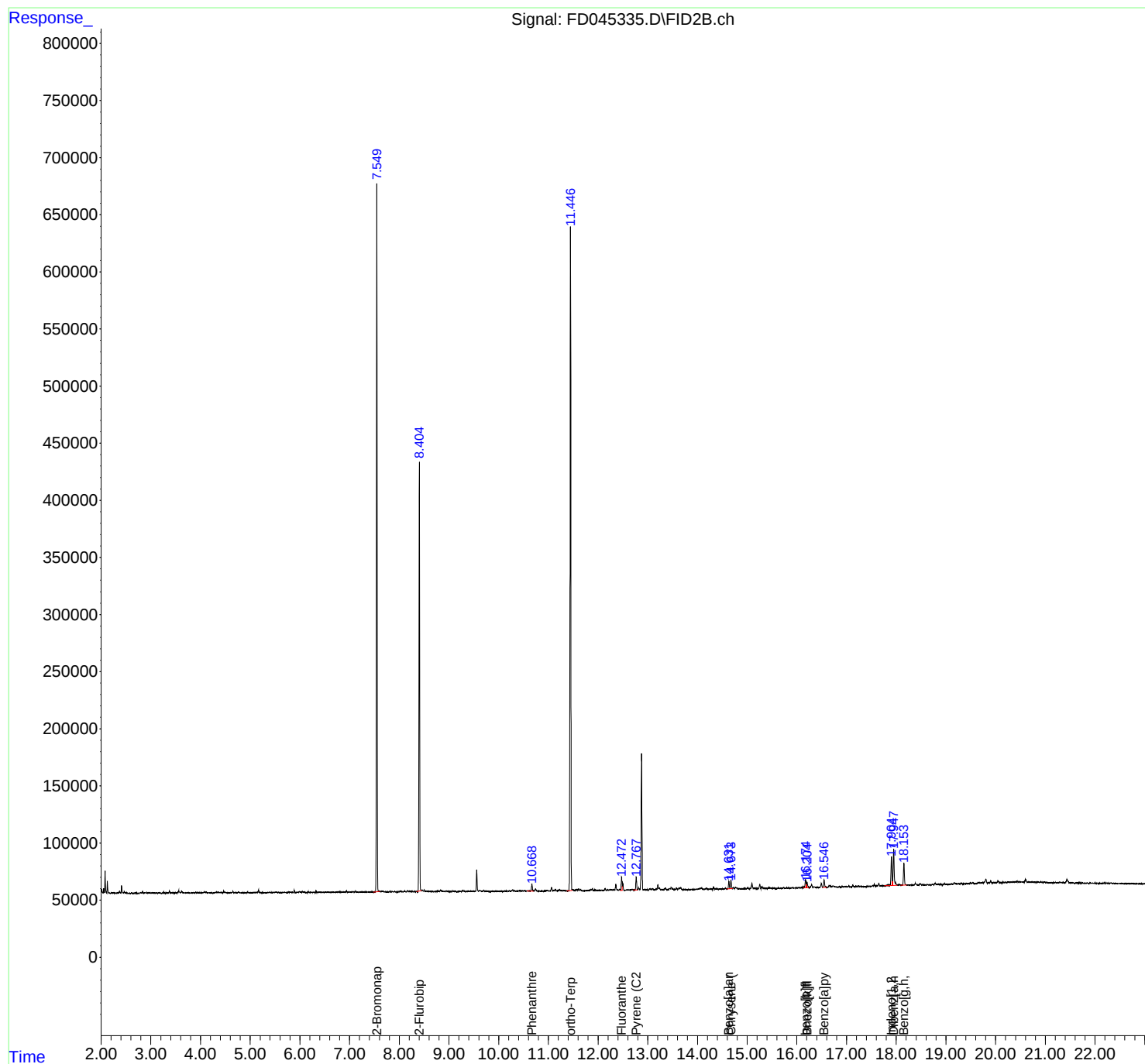
(m)=manual int.

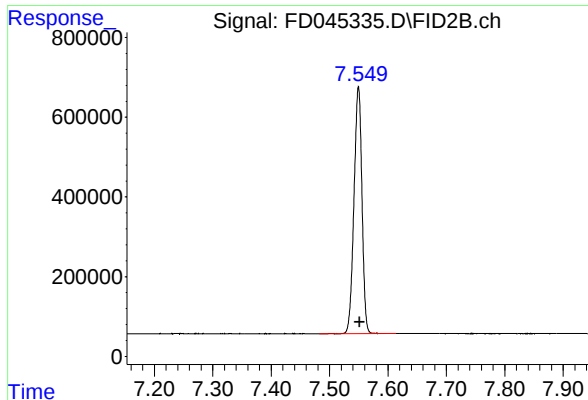
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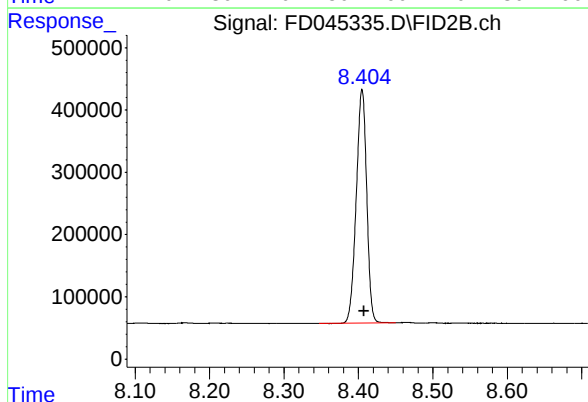




#4 2-Bromonaphthalene (SURR)

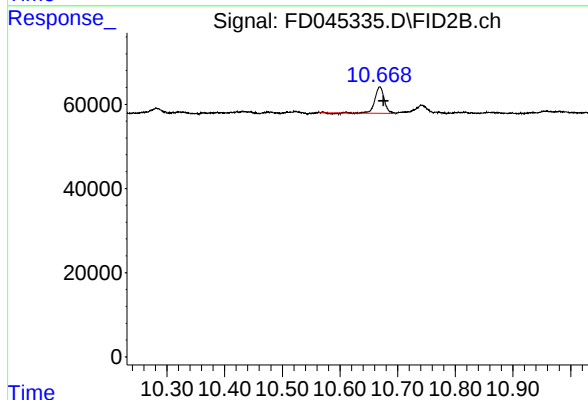
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 5882291
Conc: 43.35 ug/ml

Instrument :
FID_D
ClientSampleId :



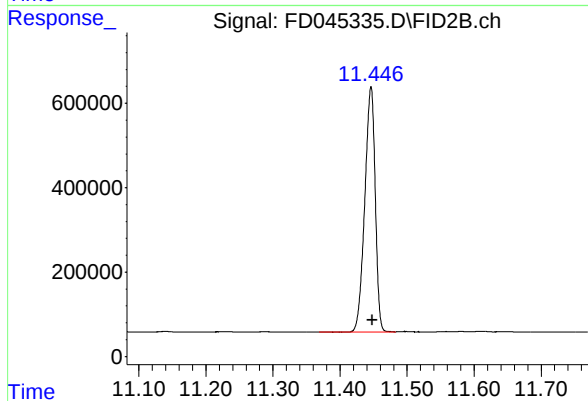
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.003 min
Response: 3658098
Conc: 40.86 ug/ml



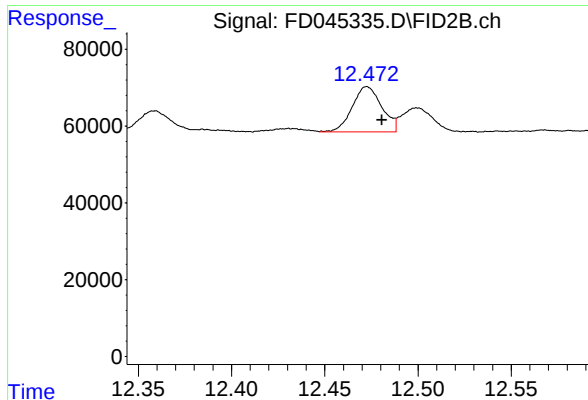
#9 Phenanthrene (C19.36)

R.T.: 10.669 min
Delta R.T.: -0.007 min
Response: 67990
Conc: 0.48 ug/ml



#11 ortho-Terphenyl (SURR)

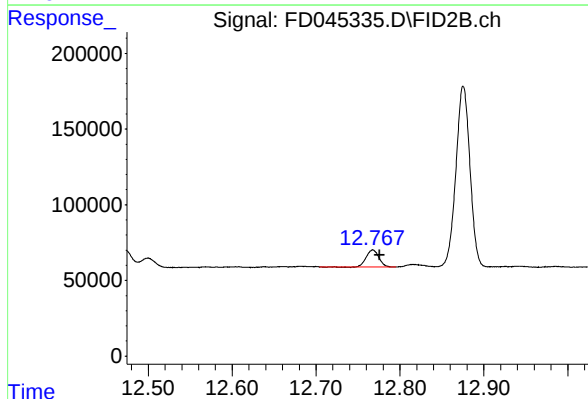
R.T.: 11.446 min
Delta R.T.: -0.002 min
Response: 6283152
Conc: 37.75 ug/ml



#12 Fluoranthene (C21.85)

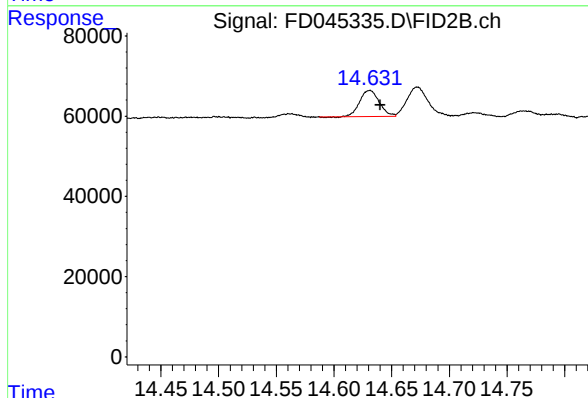
R.T.: 12.473 min
Delta R.T.: -0.008 min
Response: 129853
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



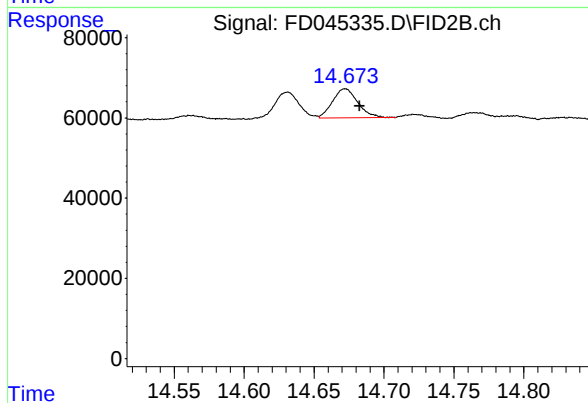
#13 Pyrene (C20.8)

R.T.: 12.768 min
Delta R.T.: -0.008 min
Response: 117699
Conc: 0.86 ug/ml



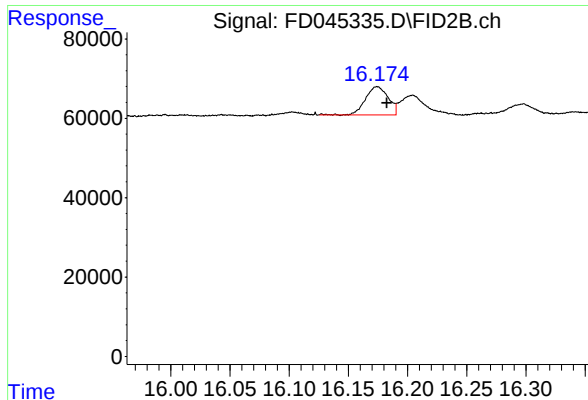
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: -0.009 min
Response: 77392
Conc: 0.61 ug/ml



#15 Chrysene (C27.41)

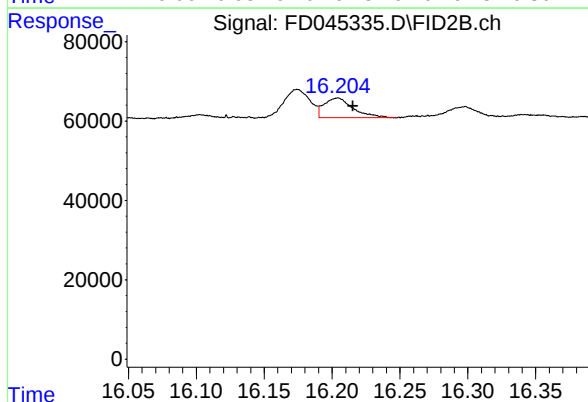
R.T.: 14.672 min
Delta R.T.: -0.010 min
Response: 91146
Conc: 0.70 ug/ml



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

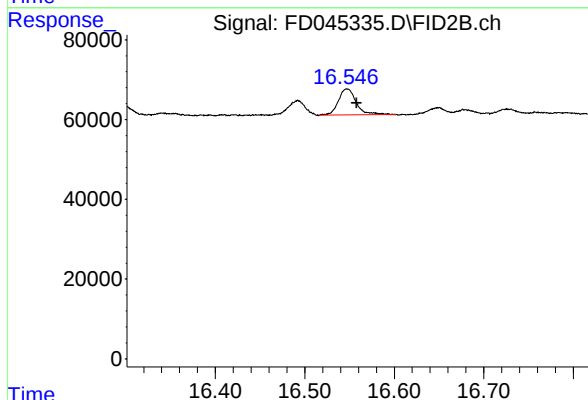
R.T.: 16.174 min
Delta R.T.: -0.008 min
Response: 94969
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



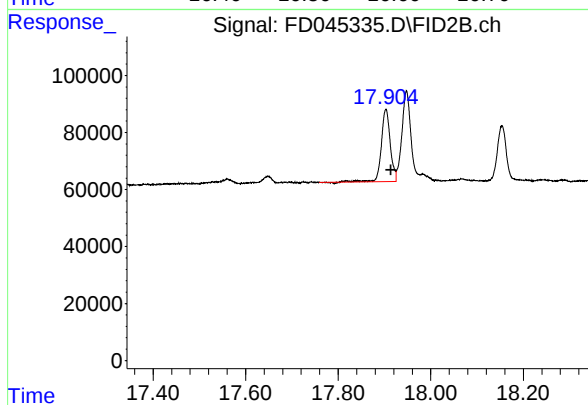
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.204 min
Delta R.T.: -0.012 min
Response: 73415
Conc: 0.58 ug/ml



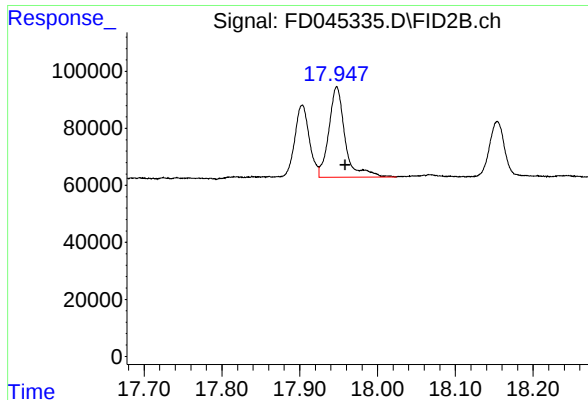
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: -0.011 min
Response: 91518
Conc: 0.73 ug/ml



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

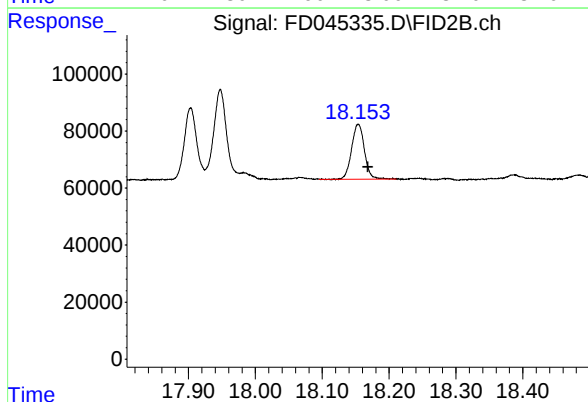
R.T.: 17.903 min
Delta R.T.: -0.011 min
Response: 338922
Conc: 2.83 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.011 min
Response: 460176
Conc: 3.82 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.154 min
Delta R.T.: -0.014 min
Response: 254649
Conc: 2.05 ug/ml