

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046025.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 10:11
 Operator : YP/AJ
 Sample : PB153795BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:14:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.519	8049544	37.353 ug/ml
Spiked Amount 50.000		Recovery =	74.71%
6) S 2-Fluorobiphenyl (SURR)	8.373	3536435	25.552 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	51.10%
11) S ortho-Terphenyl (SURR)	11.417	12137090	47.874 ug/ml
Spiked Amount 50.000		Recovery =	95.75%
Target Compounds			
9) T Phenanthrene (C19.36)	10.637	180729	0.847 ug/ml
10) T Anthracene (C19.43)	10.711	115034	0.724 ug/ml
12) T Fluoranthene (C21.85)	12.440	310197	1.516 ug/ml
13) T Pyrene (C20.8)	12.735	359960	1.851 ug/ml
14) T Benzo[a]anthracene (C...	14.598	287508	1.599 ug/ml
15) T Chrysene (C27.41)	14.639	448266	2.284 ug/ml
16) T benzo[b]fluoranthene ...	16.139	347399	1.852 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	479525	2.424 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	274416	1.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	352274	1.893 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	273307	1.487 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	328121	1.756 ug/ml

(f)=RT Delta > 1/2 Window

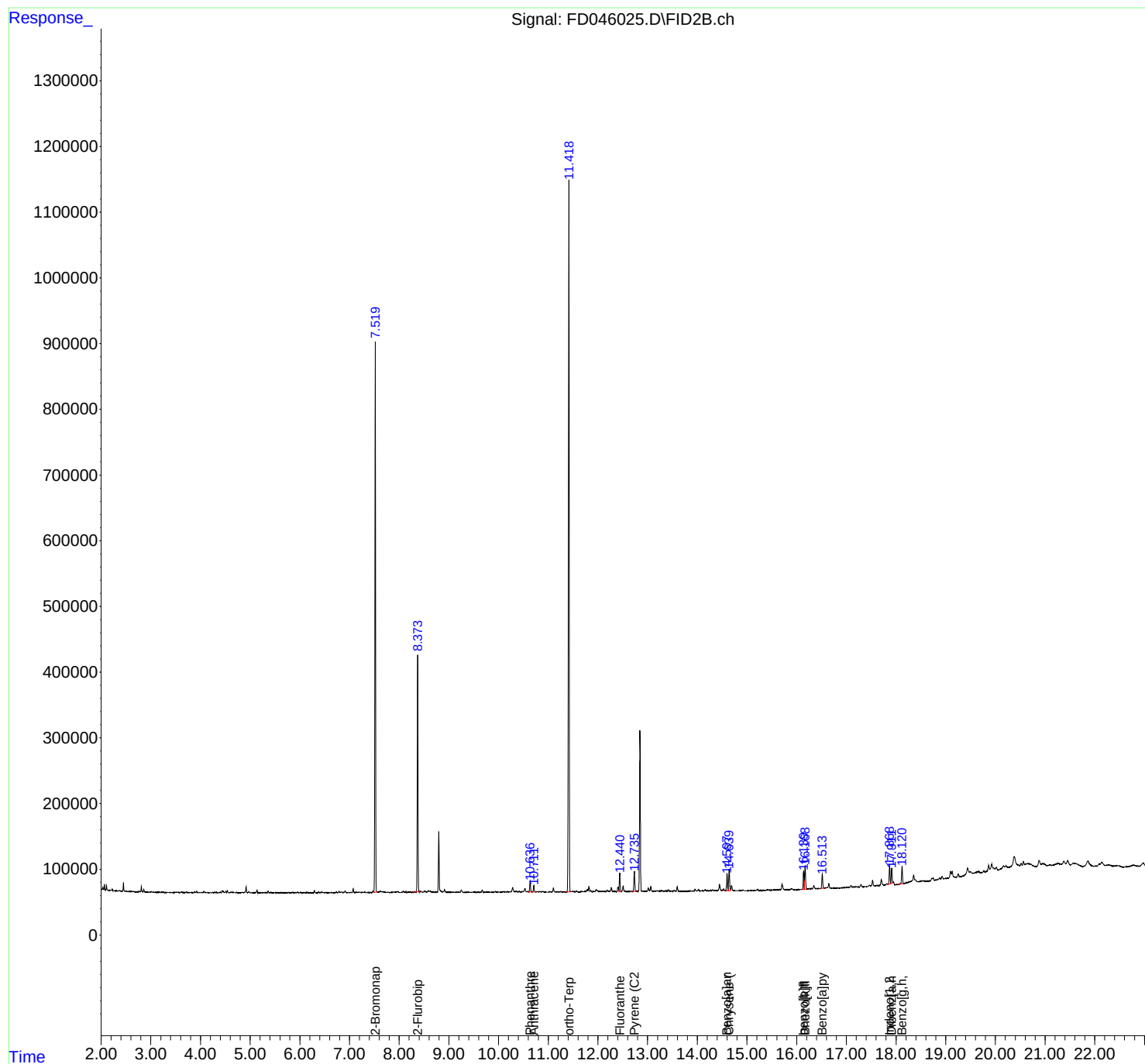
(m)=manual int.

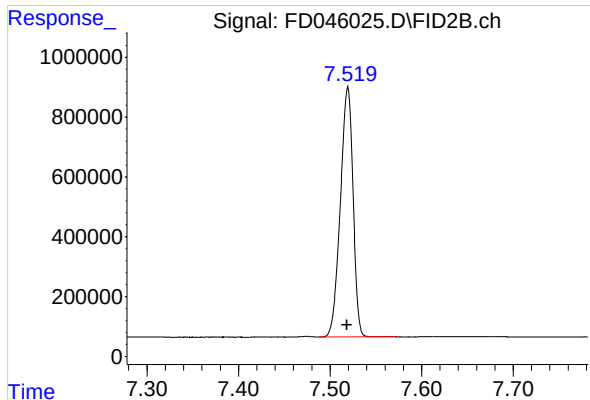
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Signal Info : 20M x 0.18mm x 0.18µm

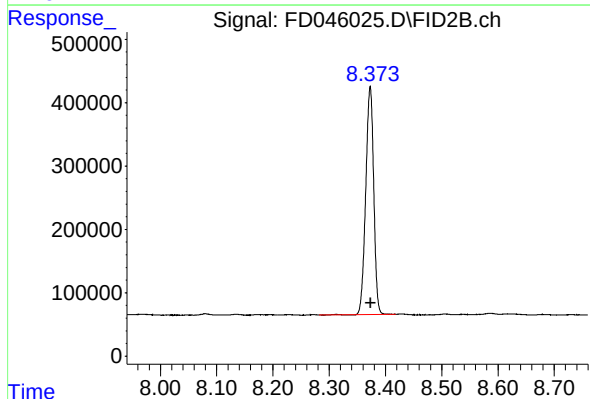




#4 2-Bromonaphthalene (SURR)

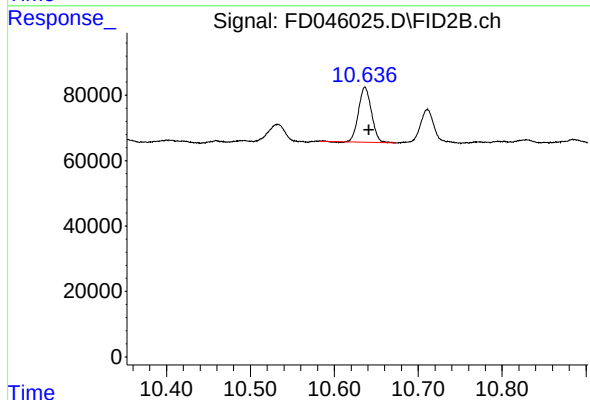
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 8049544
Conc: 37.35 ug/ml

Instrument :
FID_D
ClientSampleId :



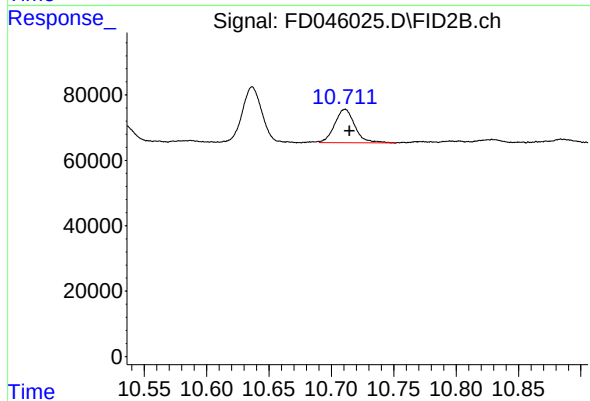
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 3536435
Conc: 25.55 ug/ml



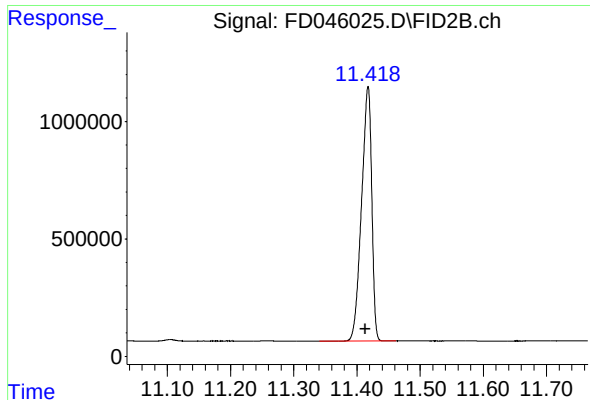
#9 Phenanthrene (C19.36)

R.T.: 10.637 min
Delta R.T.: -0.005 min
Response: 180729
Conc: 0.85 ug/ml



#10 Anthracene (C19.43)

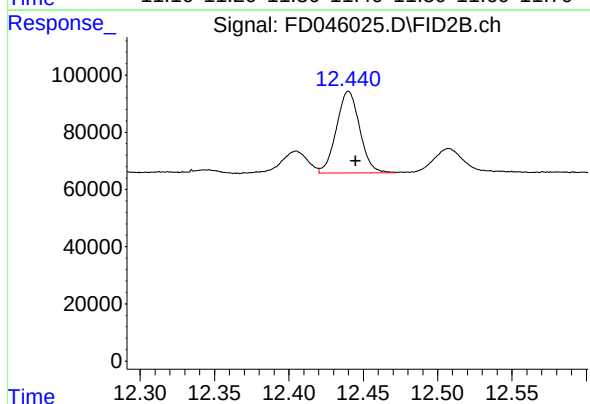
R.T.: 10.711 min
Delta R.T.: -0.004 min
Response: 115034
Conc: 0.72 ug/ml



#11 ortho-Terphenyl (SURR)

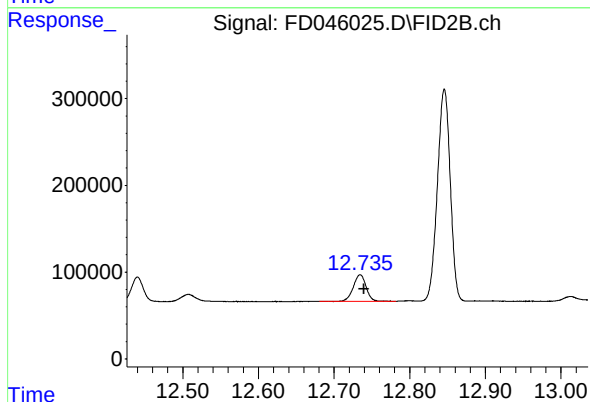
R.T.: 11.417 min
Delta R.T.: 0.004 min
Response: 12137090
Conc: 47.87 ug/ml

Instrument :
FID_D
ClientSampleId :



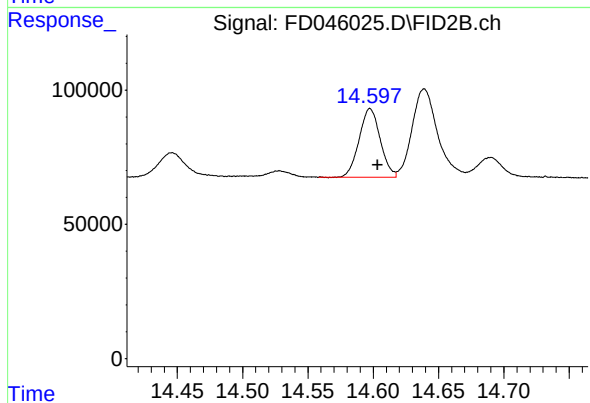
#12 Fluoranthene (C21.85)

R.T.: 12.440 min
Delta R.T.: -0.005 min
Response: 310197
Conc: 1.52 ug/ml



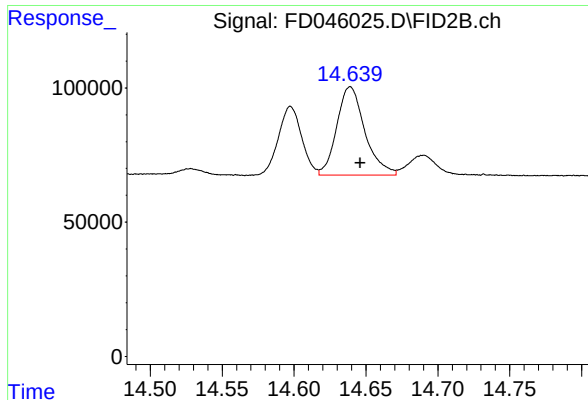
#13 Pyrene (C20.8)

R.T.: 12.735 min
Delta R.T.: -0.005 min
Response: 359960
Conc: 1.85 ug/ml



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

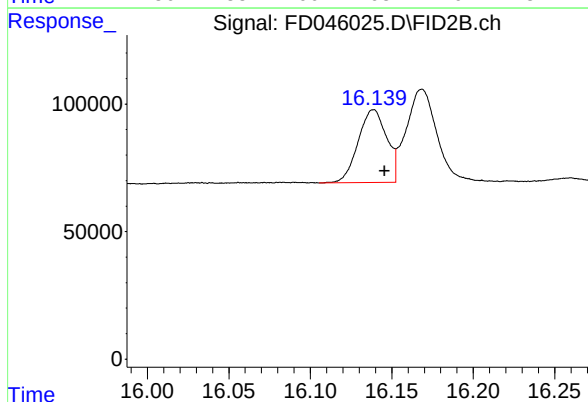
R.T.: 14.598 min
Delta R.T.: -0.006 min
Response: 287508
Conc: 1.60 ug/ml



#15 Chrysene (C27.41)

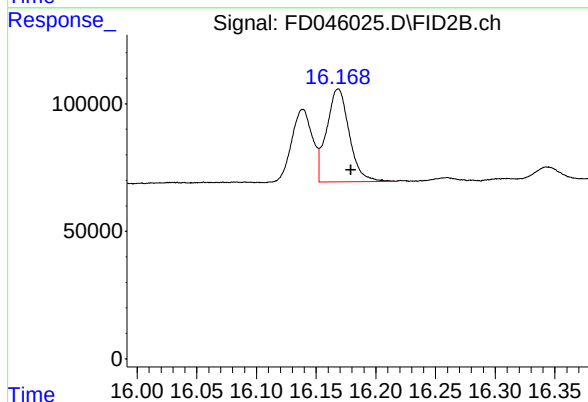
R.T.: 14.639 min
Delta R.T.: -0.007 min
Response: 448266
Conc: 2.28 ug/ml

Instrument :
FID_D
ClientSampleId :



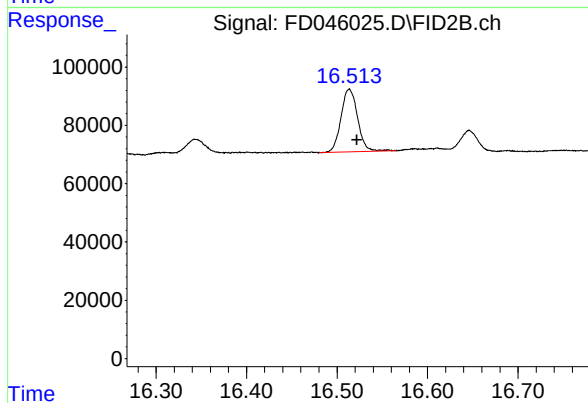
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.139 min
Delta R.T.: -0.007 min
Response: 347399
Conc: 1.85 ug/ml



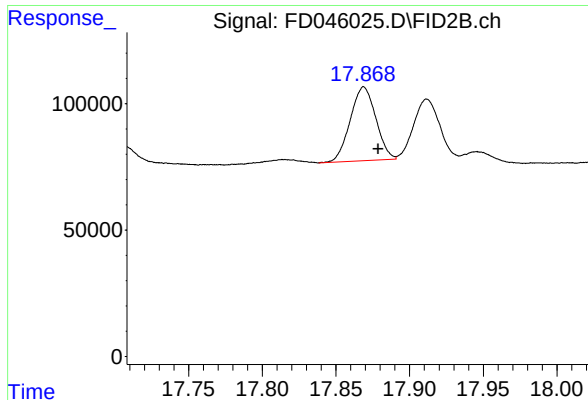
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.168 min
Delta R.T.: -0.011 min
Response: 479525
Conc: 2.42 ug/ml



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

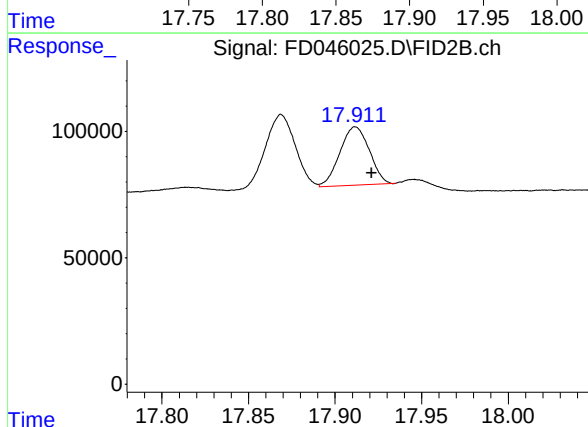
R.T.: 16.514 min
Delta R.T.: -0.008 min
Response: 274416
Conc: 1.58 ug/ml



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

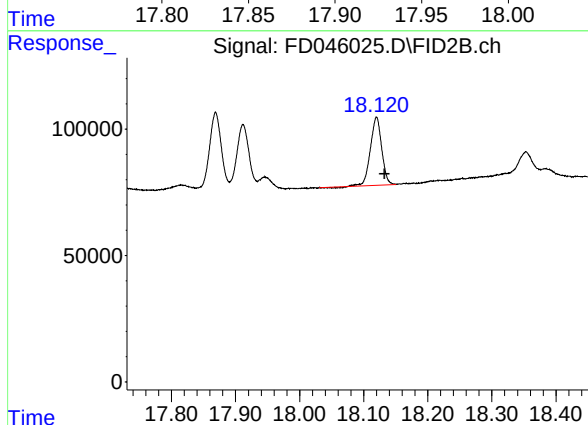
R.T.: 17.869 min
Delta R.T.: -0.010 min
Response: 352274
Conc: 1.89 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.912 min
Delta R.T.: -0.009 min
Response: 273307
Conc: 1.49 ug/ml



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

R.T.: 18.120 min
Delta R.T.: -0.013 min
Response: 328121
Conc: 1.76 ug/ml