

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046030.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 14:22
 Operator : YP/AJ
 Sample : PB153788BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:15:16 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	8089436	37.538 ug/ml
Spiked Amount 50.000		Recovery =	75.08%
6) S 2-Fluorobiphenyl (SURR)	8.372	3535747	25.547 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	51.09%
11) S ortho-Terphenyl (SURR)	11.416	12061507	47.576 ug/ml
Spiked Amount 50.000		Recovery =	95.15%
Target Compounds			
9) T Phenanthrene (C19.36)	10.636	183647	0.861 ug/ml
10) T Anthracene (C19.43)	10.710	118736	0.747 ug/ml
12) T Fluoranthene (C21.85)	12.440	314400	1.536 ug/ml
13) T Pyrene (C20.8)	12.733	357996	1.841 ug/ml
14) T Benzo[a]anthracene (C...	14.597	274952	1.529 ug/ml
15) T Chrysene (C27.41)	14.639	406641	2.072 ug/ml
16) T benzo[b]fluoranthene ...	16.137	342855	1.828 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	479045	2.422 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	272609	1.565 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	356084	1.913 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	280360	1.525 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	351585	1.882 ug/ml

(f)=RT Delta > 1/2 Window

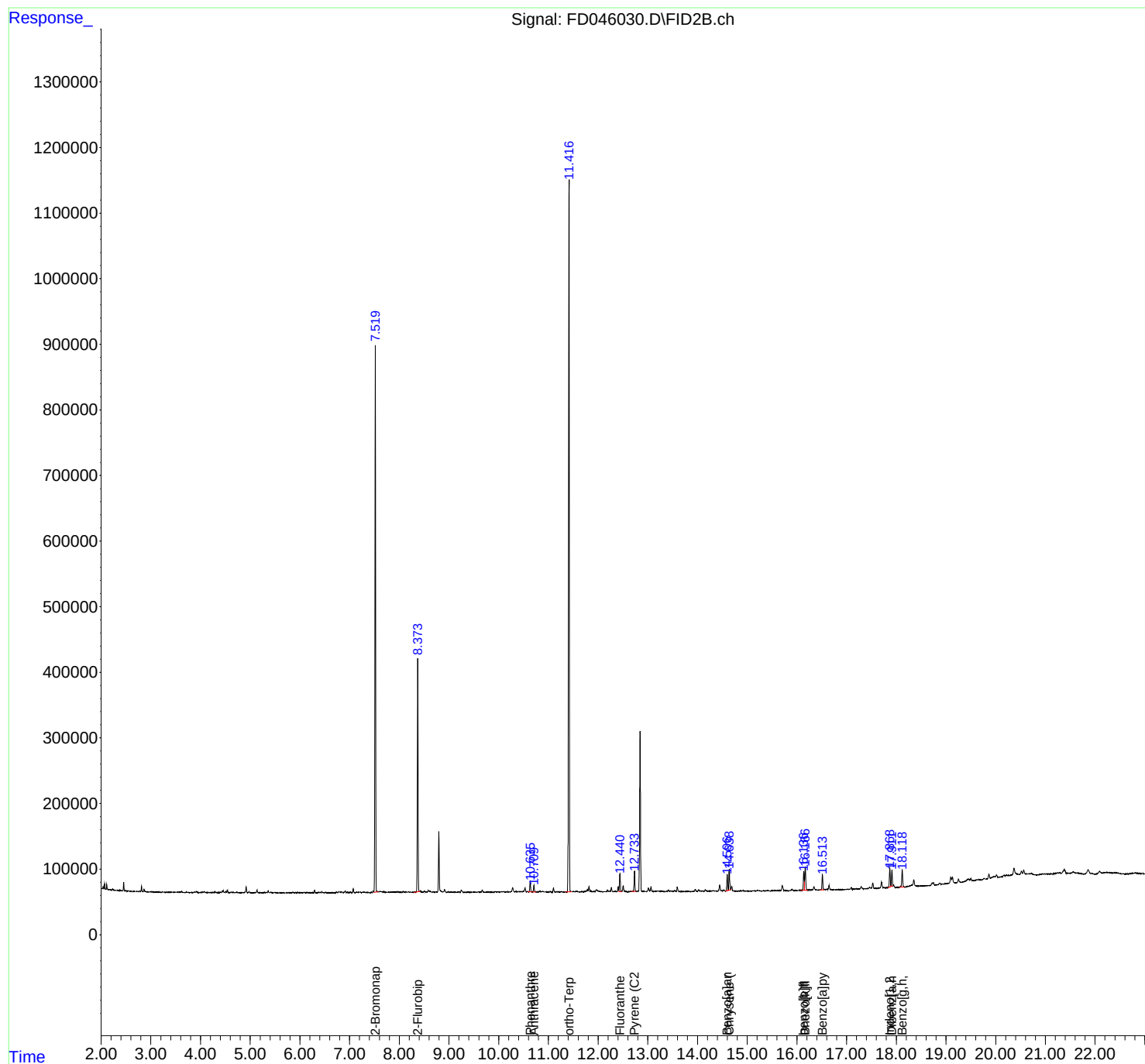
(m)=manual int.

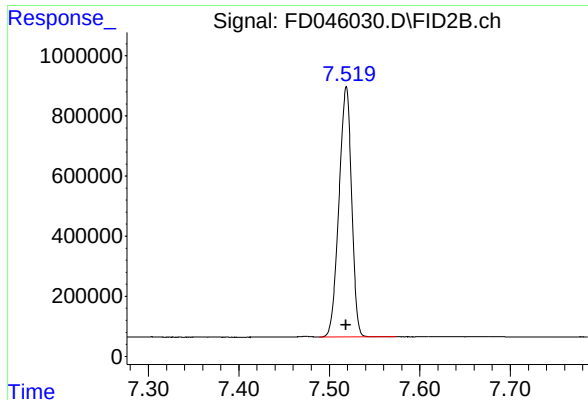
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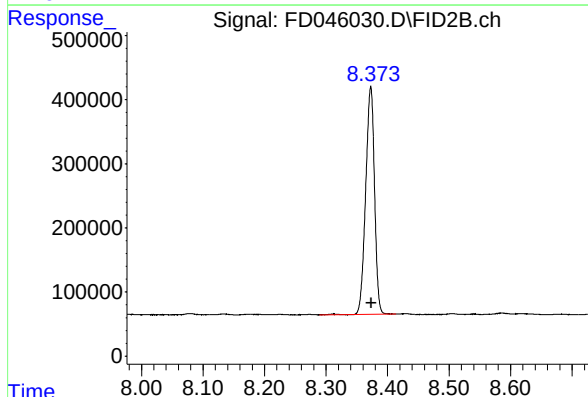




#4 2-Bromonaphthalene (SURR)

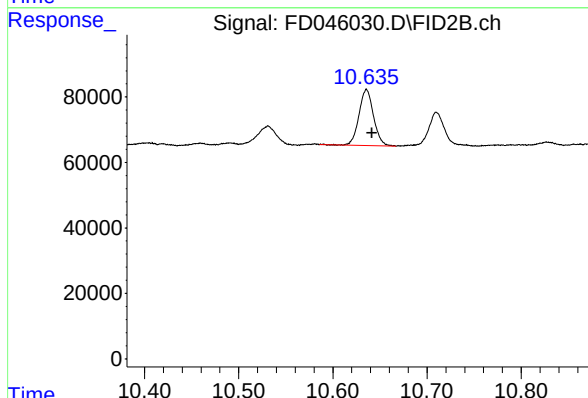
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 8089436
Conc: 37.54 ug/ml

Instrument :
FID_D
ClientSampleId :



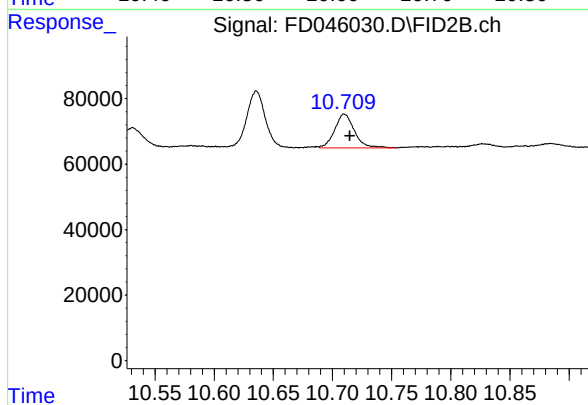
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min
Delta R.T.: -0.001 min
Response: 3535747
Conc: 25.55 ug/ml



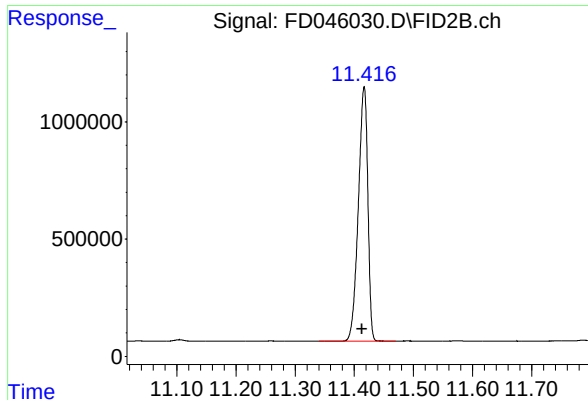
#9 Phenanthrene (C19.36)

R.T.: 10.636 min
Delta R.T.: -0.006 min
Response: 183647
Conc: 0.86 ug/ml



#10 Anthracene (C19.43)

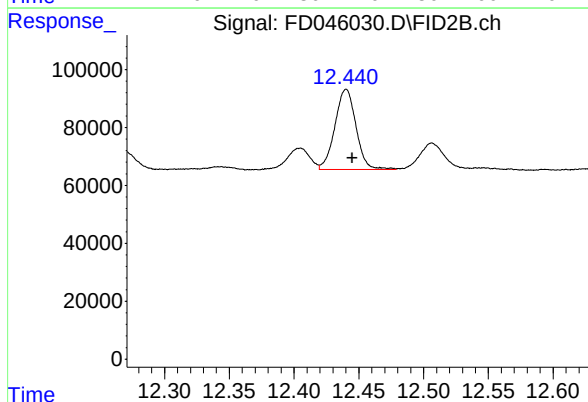
R.T.: 10.710 min
Delta R.T.: -0.005 min
Response: 118736
Conc: 0.75 ug/ml



#11 ortho-Terphenyl (SURR)

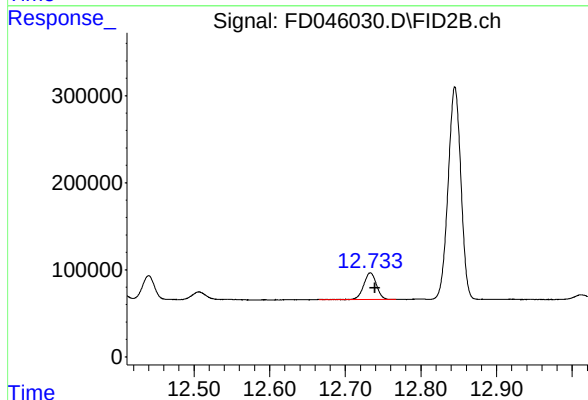
R.T.: 11.416 min
Delta R.T.: 0.004 min
Response: 12061507
Conc: 47.58 ug/ml

Instrument :
FID_D
ClientSampleId :



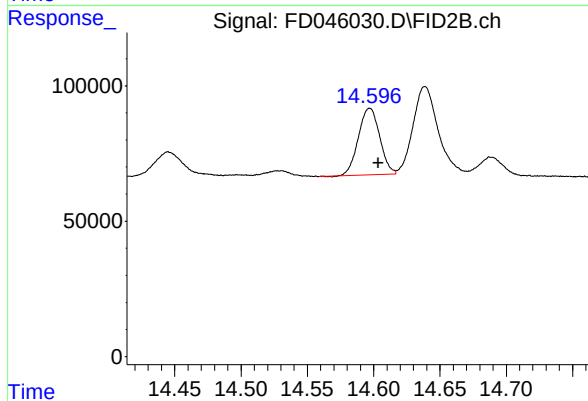
#12 Fluoranthene (C21.85)

R.T.: 12.440 min
Delta R.T.: -0.005 min
Response: 314400
Conc: 1.54 ug/ml



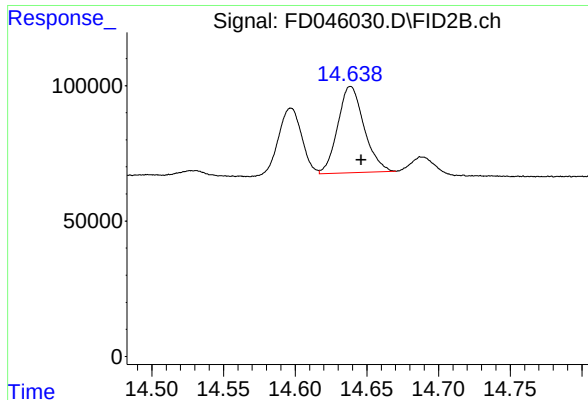
#13 Pyrene (C20.8)

R.T.: 12.733 min
Delta R.T.: -0.006 min
Response: 357996
Conc: 1.84 ug/ml



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

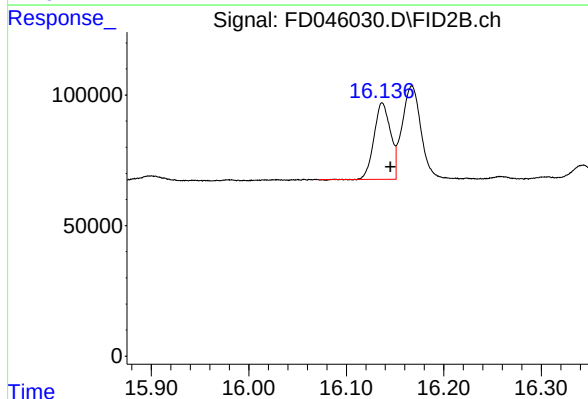
R.T.: 14.597 min
Delta R.T.: -0.006 min
Response: 274952
Conc: 1.53 ug/ml



#15 Chrysene (C27.41)

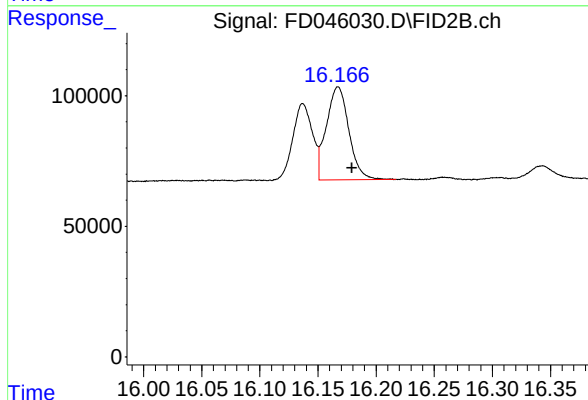
R.T.: 14.639 min
Delta R.T.: -0.007 min
Response: 406641
Conc: 2.07 ug/ml

Instrument :
FID_D
ClientSampleId :



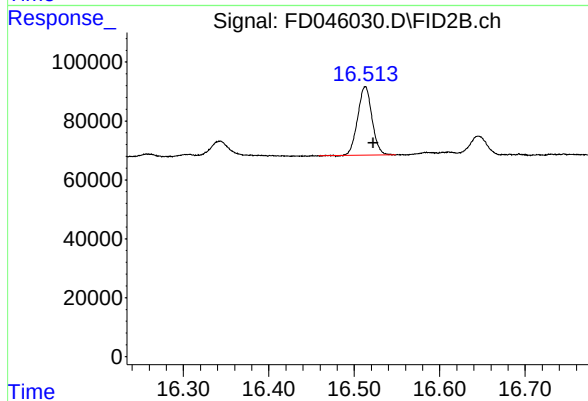
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.137 min
Delta R.T.: -0.009 min
Response: 342855
Conc: 1.83 ug/ml



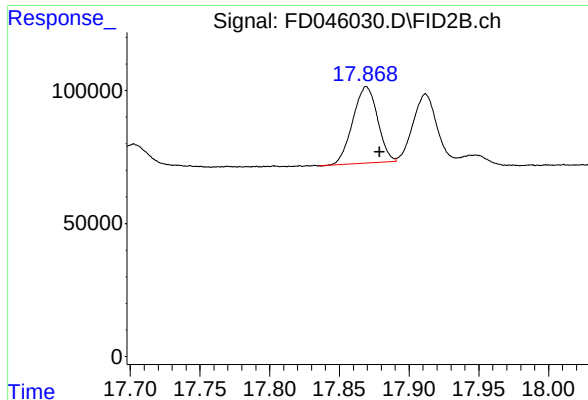
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.167 min
Delta R.T.: -0.012 min
Response: 479045
Conc: 2.42 ug/ml



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

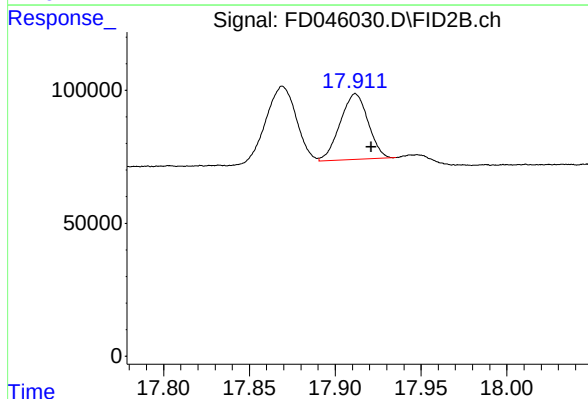
R.T.: 16.513 min
Delta R.T.: -0.009 min
Response: 272609
Conc: 1.56 ug/ml



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

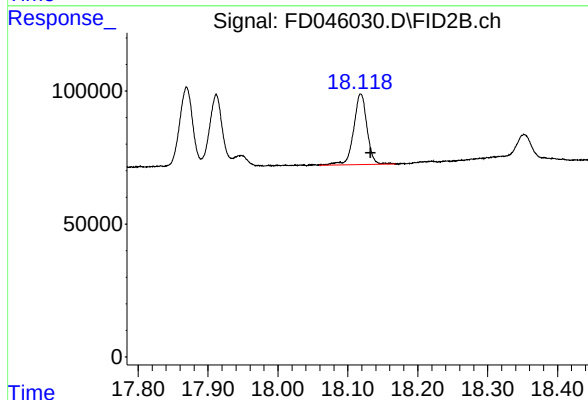
R.T.: 17.869 min
Delta R.T.: -0.009 min
Response: 356084
Conc: 1.91 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.912 min
Delta R.T.: -0.009 min
Response: 280360
Conc: 1.52 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.014 min
Response: 351585
Conc: 1.88 ug/ml