

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045975.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 21:32
 Operator : YP/AJ
 Sample : 03357-23
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 02:48:10 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...	7.521	9677489	44.907 ug/ml
Spiked Amount 50.000		Recovery =	89.81%
6) S 2-Fluorobiphenyl (SURR)	8.376	5262934	38.026 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.05%
11) S ortho-Terphenyl (SURR)	11.416	9100801	35.898 ug/ml
Spiked Amount 50.000		Recovery =	71.80%
Target Compounds			
12) T Fluoranthene (C21.85)	12.441	67305	0.329 ug/ml
13) T Pyrene (C20.8)	12.735	121118	0.623 ug/ml
14) T Benzo[a]anthracene (C...	14.642	146630	0.815 ug/ml
15) T Chrysene (C27.41)	14.642	146630	0.747 ug/ml
16) T benzo[b]fluoranthene ...	16.142	35947	0.192 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	35947	0.182 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.456f	90891	0.522 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	175000	0.940 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	175000	0.952 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	103079	0.552 ug/ml

(f)=RT Delta > 1/2 Window

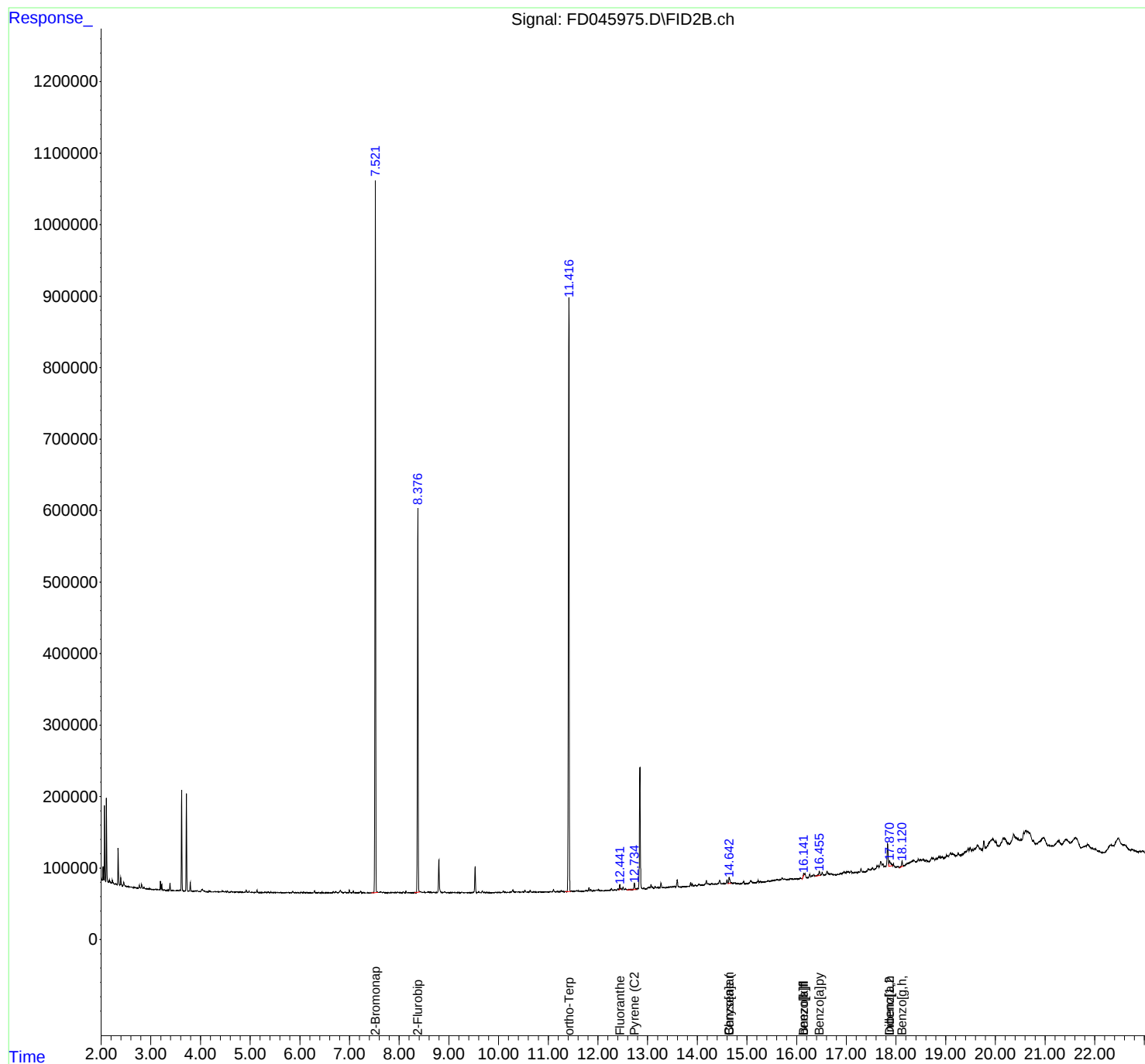
(m)=manual int.

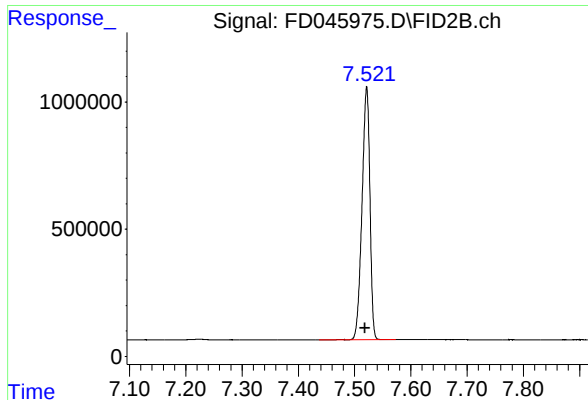
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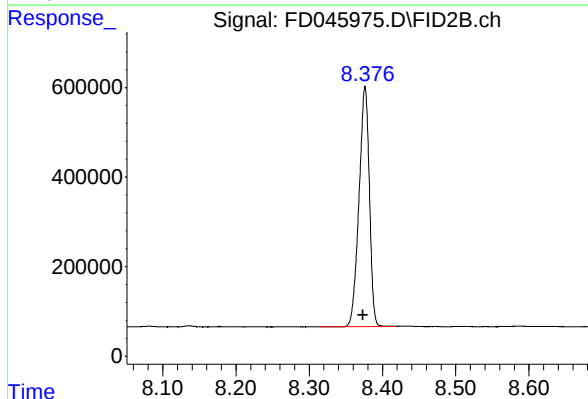




#4 2-Bromonaphthalene (SURR)

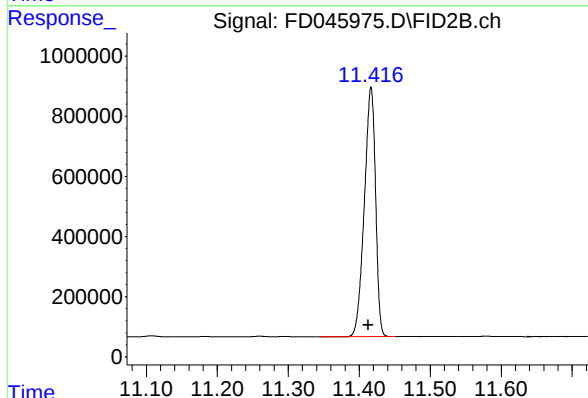
R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 9677489
Conc: 44.91 ug/ml

Instrument :
FID_D
ClientSampleId :



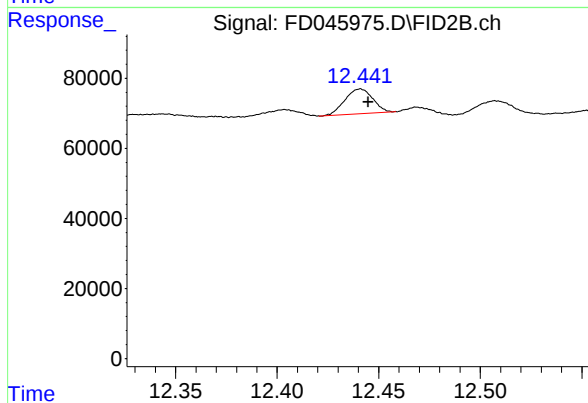
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: 0.003 min
Response: 5262934
Conc: 38.03 ug/ml



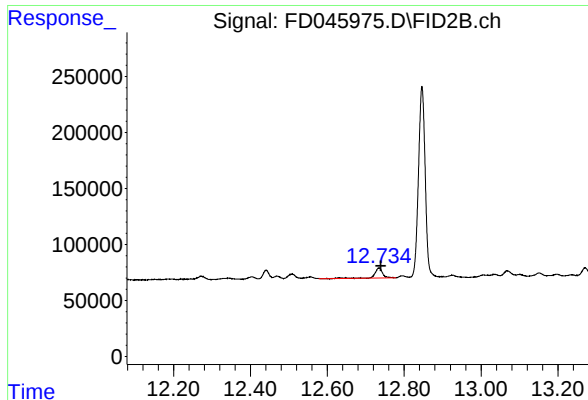
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: 0.004 min
Response: 9100801
Conc: 35.90 ug/ml



#12 Fluoranthene (C21.85)

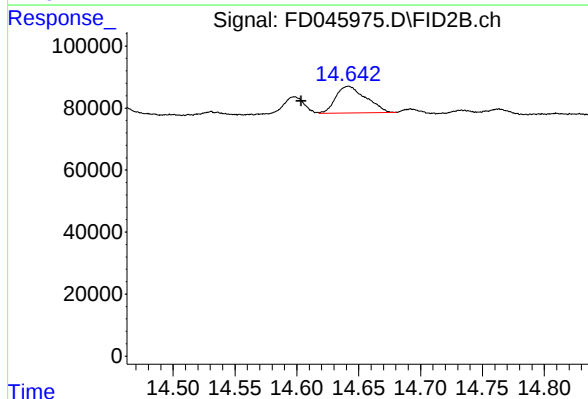
R.T.: 12.441 min
Delta R.T.: -0.004 min
Response: 67305
Conc: 0.33 ug/ml



#13 Pyrene (C20.8)

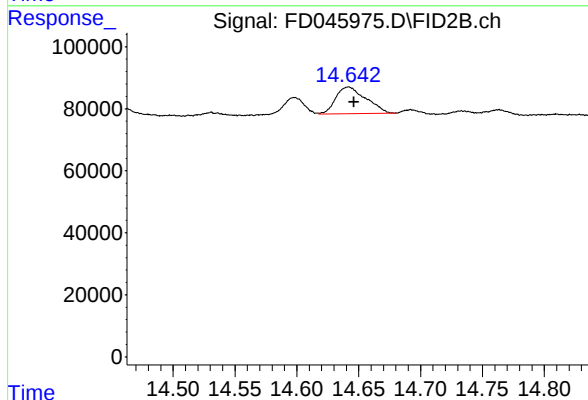
R.T.: 12.735 min
Delta R.T.: -0.004 min
Response: 121118
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



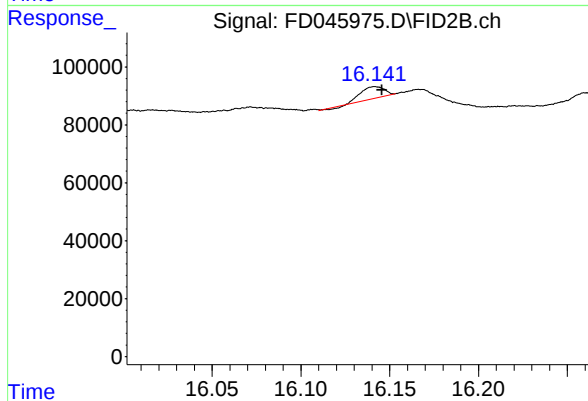
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.038 min
Response: 146630
Conc: 0.82 ug/ml



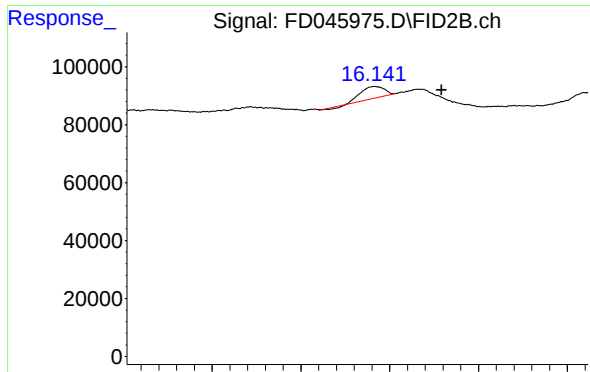
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 146630
Conc: 0.75 ug/ml



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

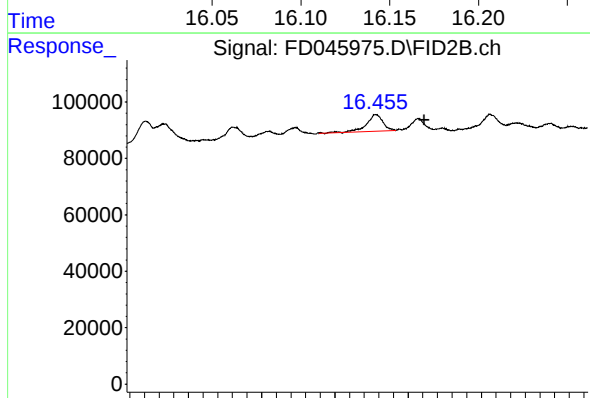
R.T.: 16.142 min
Delta R.T.: -0.004 min
Response: 35947
Conc: 0.19 ug/ml



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

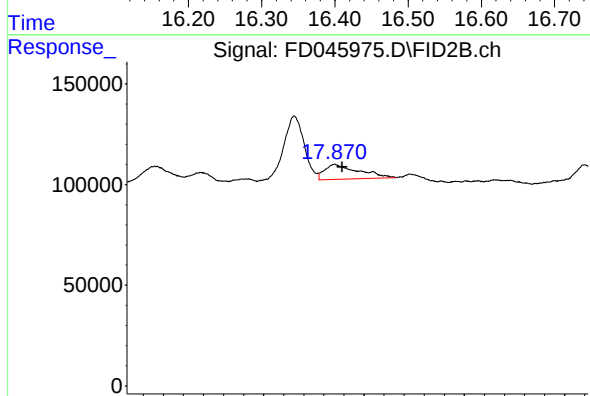
R.T.: 16.142 min
Delta R.T.: -0.037 min
Response: 35947
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



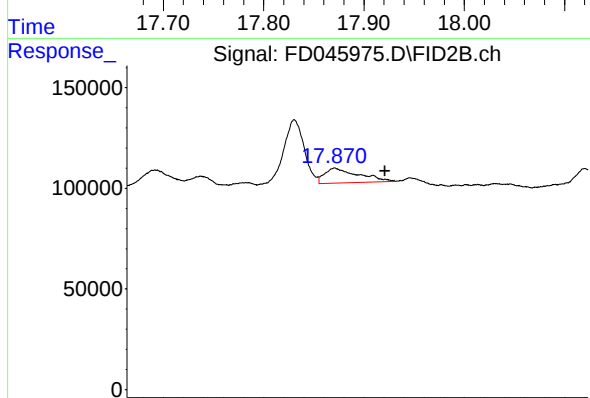
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.456 min
Delta R.T.: -0.066 min
Response: 90891
Conc: 0.52 ug/ml



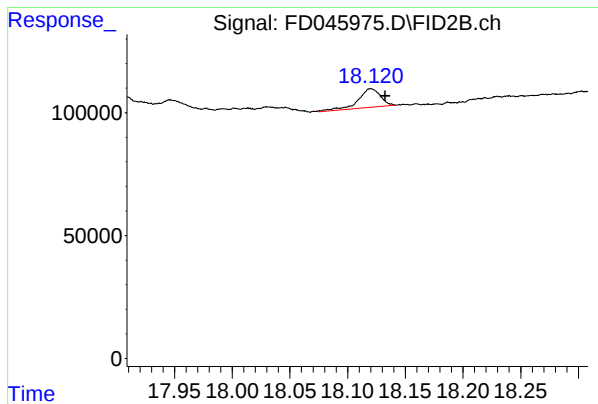
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.871 min
Delta R.T.: -0.007 min
Response: 175000
Conc: 0.94 ug/ml



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

R.T.: 17.871 min
Delta R.T.: -0.050 min
Response: 175000
Conc: 0.95 ug/ml



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

R.T.: 18.120 min
Delta R.T.: -0.012 min
Response: 103079
Conc: 0.55 ug/ml

Instrument :

FID_D

ClientSampleId :