

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046105.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2023 07:37
 Operator : YP/AJ
 Sample : 03509-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 09:07:29 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...	7.509	5893590	27.349 ug/ml
Spiked Amount 50.000		Recovery =	54.70%
6) S 2-Fluorobiphenyl (SURR)	8.362	2869982	20.737 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.47%
11) S ortho-Terphenyl (SURR)	11.403	6622384	26.122 ug/ml
Spiked Amount 50.000		Recovery =	52.24%
Target Compounds			
12) T Fluoranthene (C21.85)	12.495	159284	0.778 ug/ml
13) T Pyrene (C20.8)	12.717	122615	0.631 ug/ml
14) T Benzo[a]anthracene (C...	14.638	307683	1.711 ug/ml
15) T Chrysene (C27.41)	14.638	307683	1.568 ug/ml
16) T benzo[b]fluoranthene ...	16.152	297322	1.585 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	297322	1.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	280523	1.507 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	175253	0.953 ug/ml

(f)=RT Delta > 1/2 Window

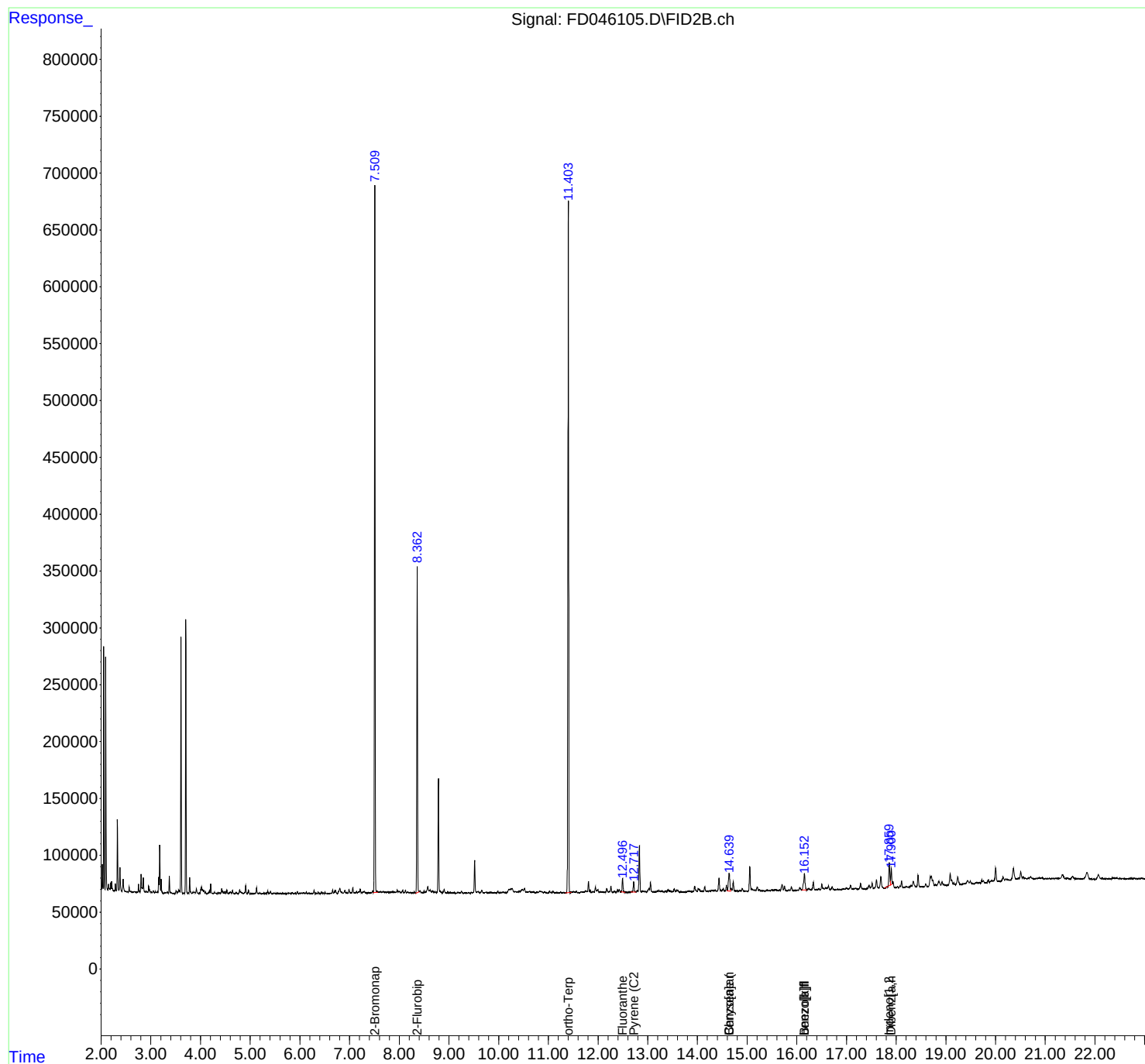
(m)=manual int.

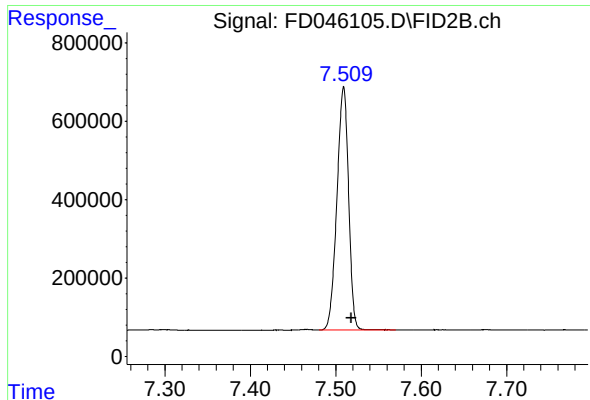
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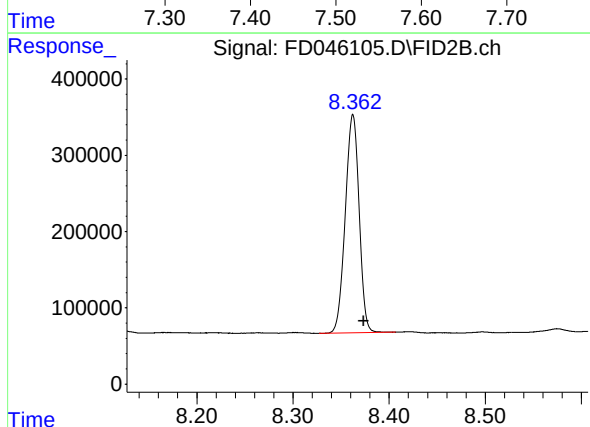




#4 2-Bromonaphthalene (SURRE)

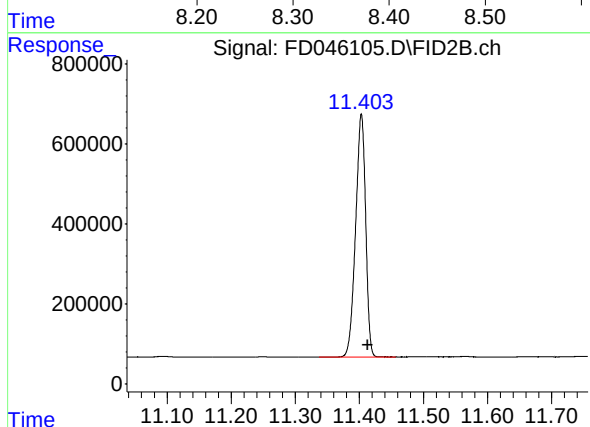
R.T.: 7.509 min
Delta R.T.: -0.009 min
Response: 5893590
Conc: 27.35 ug/ml

Instrument :
FID_D
ClientSampleId :



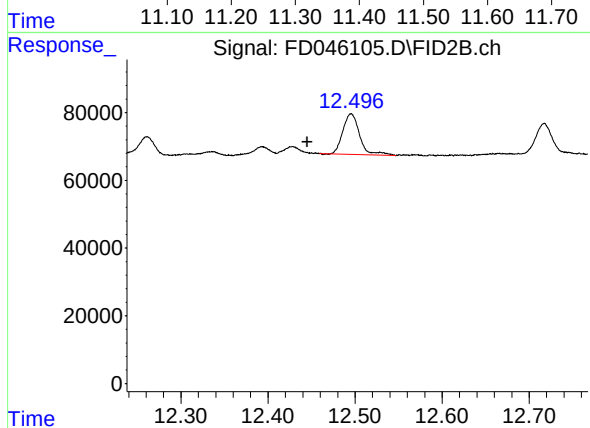
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.362 min
Delta R.T.: -0.011 min
Response: 2869982
Conc: 20.74 ug/ml



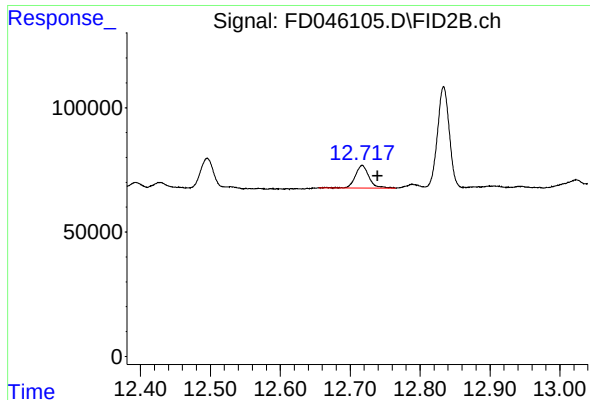
#11 ortho-Terphenyl (SURRE)

R.T.: 11.403 min
Delta R.T.: -0.010 min
Response: 6622384
Conc: 26.12 ug/ml



#12 Fluoranthene (C21.85)

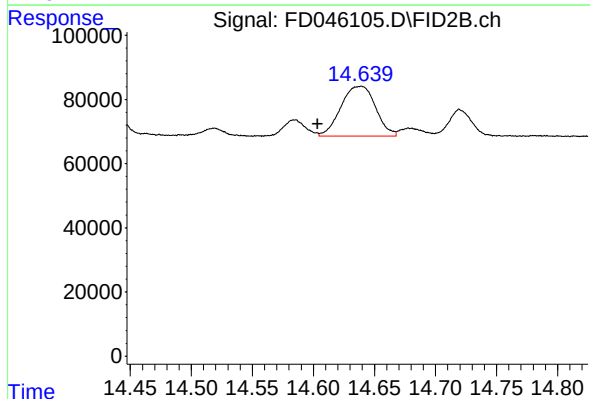
R.T.: 12.495 min
Delta R.T.: 0.051 min
Response: 159284
Conc: 0.78 ug/ml



#13 Pyrene (C20.8)

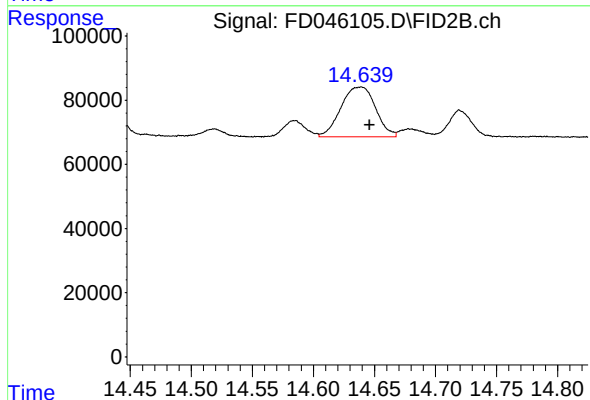
R.T.: 12.717 min
Delta R.T.: -0.022 min
Response: 122615
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :



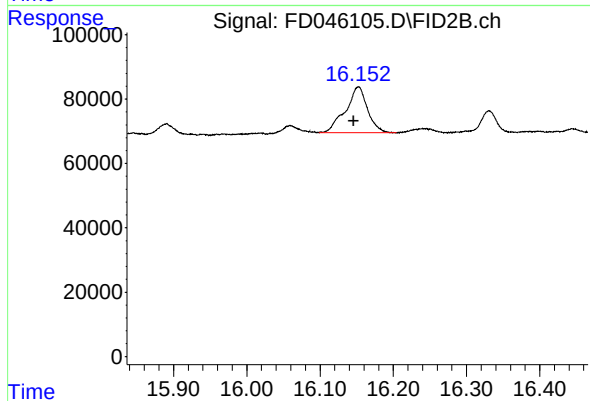
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.035 min
Response: 307683
Conc: 1.71 ug/ml



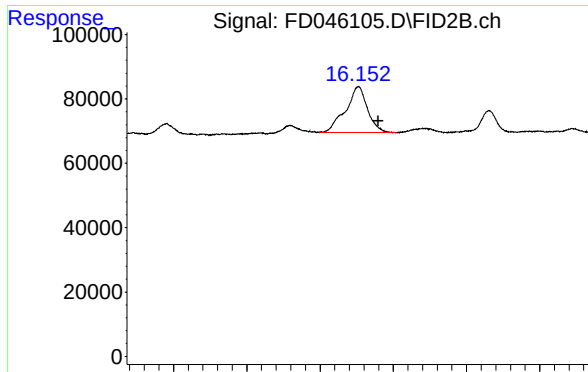
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: -0.008 min
Response: 307683
Conc: 1.57 ug/ml



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

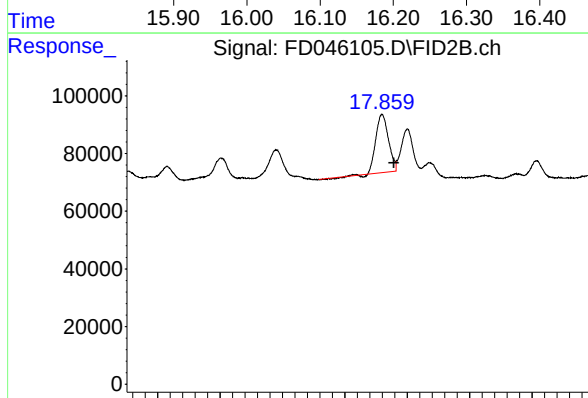
R.T.: 16.152 min
Delta R.T.: 0.006 min
Response: 297322
Conc: 1.59 ug/ml



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

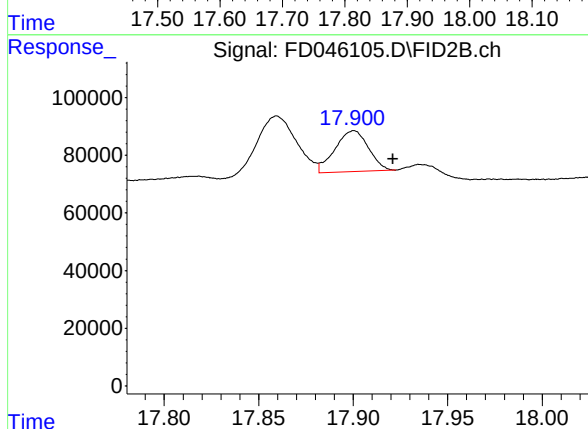
R.T.: 16.152 min
Delta R.T.: -0.027 min
Response: 297322
Conc: 1.50 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.860 min
Delta R.T.: -0.019 min
Response: 280523
Conc: 1.51 ug/ml



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

R.T.: 17.900 min
Delta R.T.: -0.021 min
Response: 175253
Conc: 0.95 ug/ml