

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045971.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 18:42
 Operator : YP/AJ
 Sample : 03357-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 02:47:37 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	8272664	38.388 ug/ml
Spiked Amount 50.000		Recovery =	76.78%
6) S 2-Fluorobiphenyl (SURR)	8.372	3329083	24.054 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.11%
11) S ortho-Terphenyl (SURR)	11.412	5200921	20.515 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
7) T Acenaphthene (C15.5)	8.432	857482	3.638 ug/ml
12) T Fluoranthene (C21.85)	12.440	192064	0.938 ug/ml
13) T Pyrene (C20.8)	12.734	386398	1.987 ug/ml
14) T Benzo[a]anthracene (C...	14.602	1706847	9.491 ug/ml
15) T Chrysene (C27.41)	14.654	3993037	20.344 ug/ml
16) T benzo[b]fluoranthene ...	16.145	4118417	21.958 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	4118417	20.820 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	3935716	22.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.887	3844668	20.658 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	3844668	20.912 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	1763662	9.439 ug/ml

(f)=RT Delta > 1/2 Window

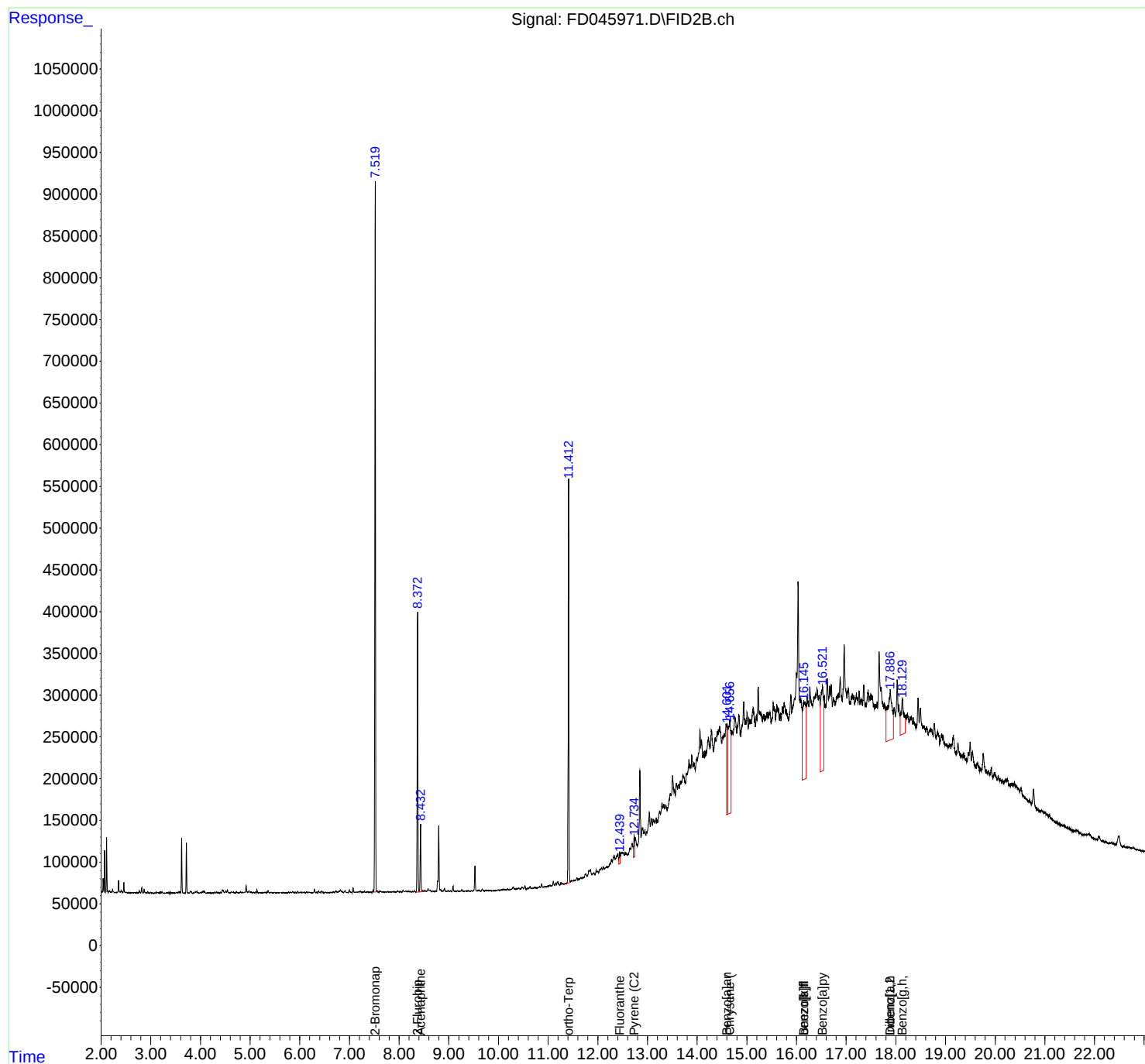
(m)=manual int.

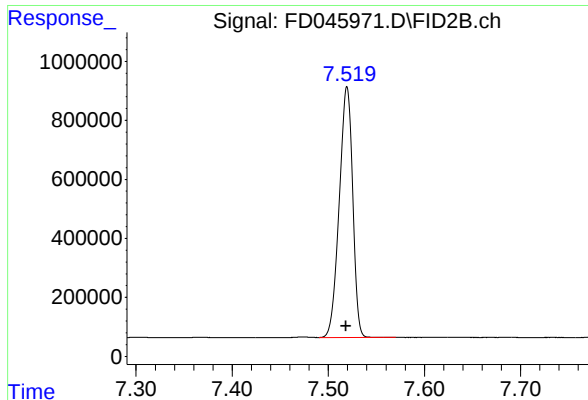
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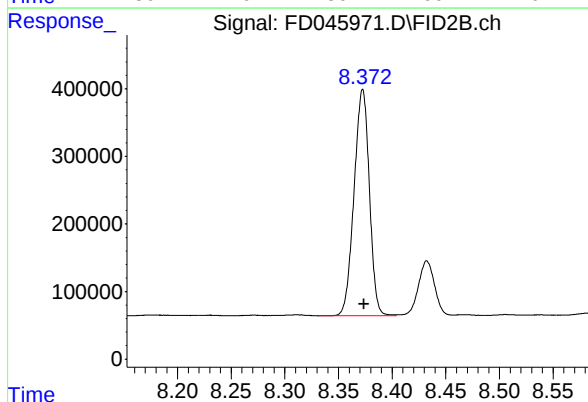




#4 2-Bromonaphthalene (SURR)

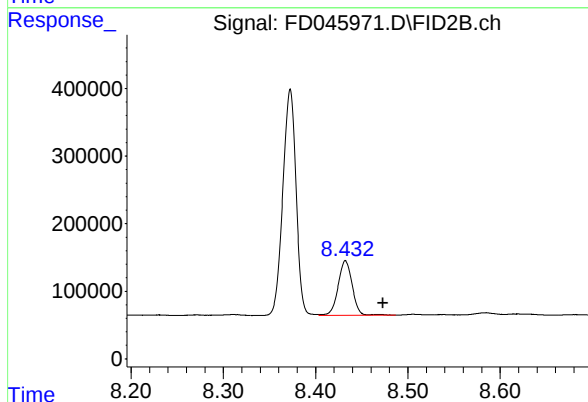
R.T.: 7.519 min
Delta R.T.: 0.001 min
Response: 8272664
Conc: 38.39 ug/ml

Instrument :
FID_D
ClientSampleId :



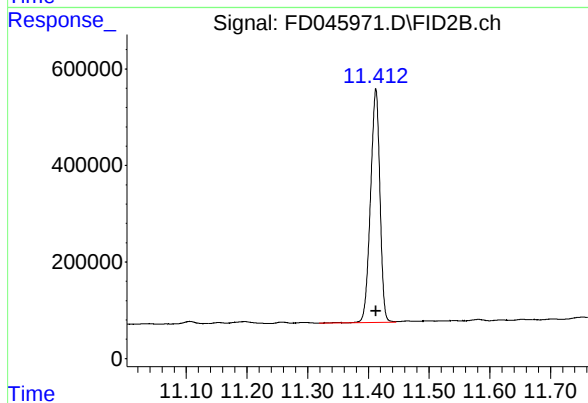
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min
Delta R.T.: -0.001 min
Response: 3329083
Conc: 24.05 ug/ml



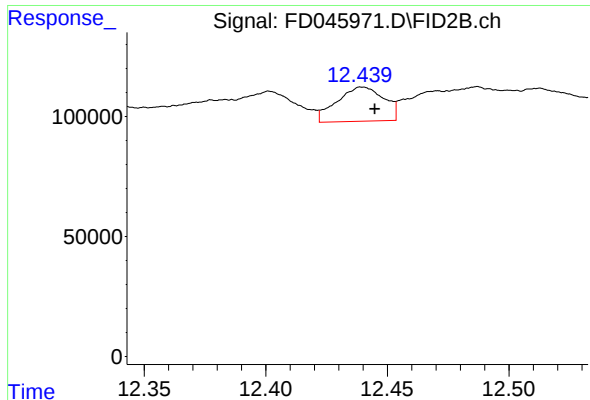
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.041 min
Response: 857482
Conc: 3.64 ug/ml



#11 ortho-Terphenyl (SURR)

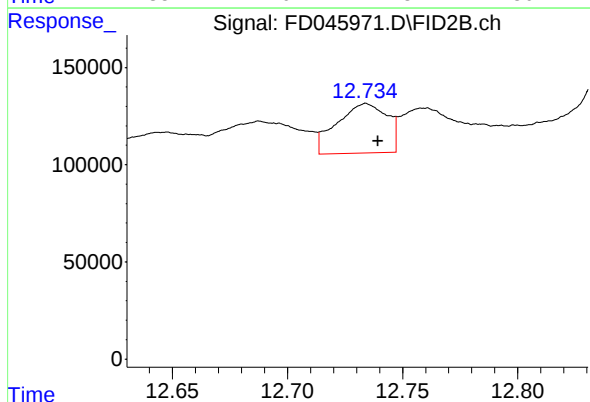
R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 5200921
Conc: 20.51 ug/ml



#12 Fluoranthene (C21.85)

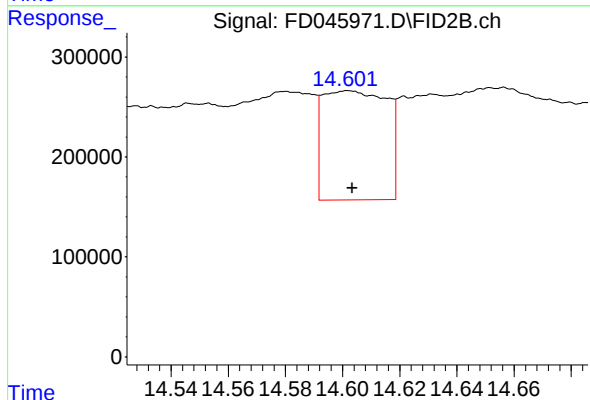
R.T.: 12.440 min
Delta R.T.: -0.005 min
Response: 192064
Conc: 0.94 ug/ml

Instrument :
FID_D
ClientSampleId :



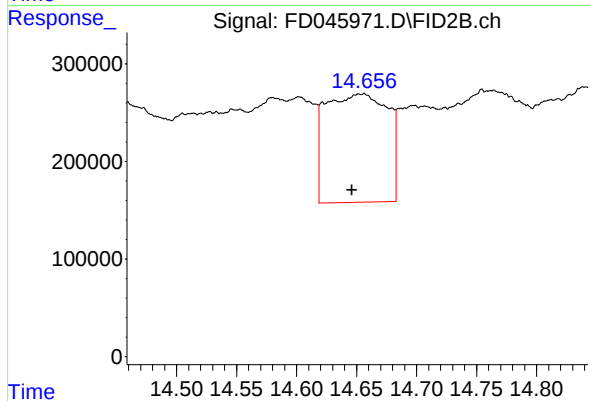
#13 Pyrene (C20.8)

R.T.: 12.734 min
Delta R.T.: -0.005 min
Response: 386398
Conc: 1.99 ug/ml



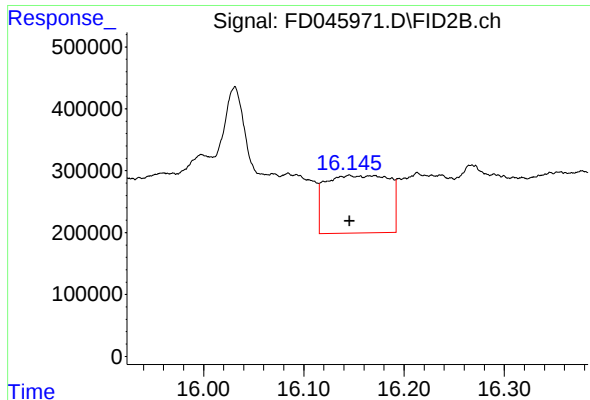
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: -0.002 min
Response: 1706847
Conc: 9.49 ug/ml



#15 Chrysene (C27.41)

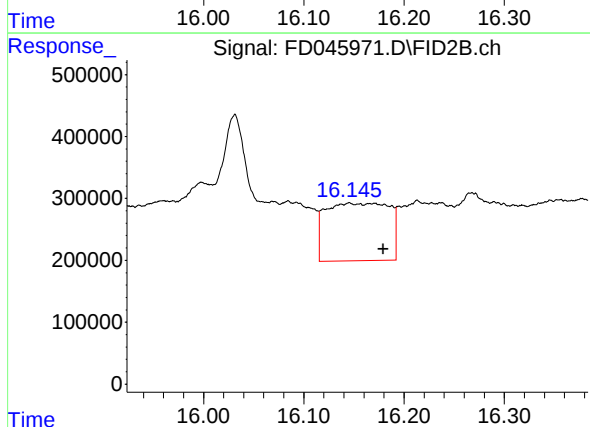
R.T.: 14.654 min
Delta R.T.: 0.008 min
Response: 3993037
Conc: 20.34 ug/ml



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

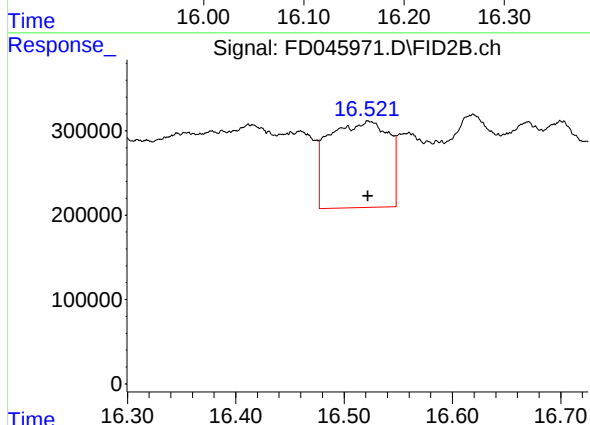
R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 4118417
Conc: 21.96 ug/ml

Instrument :
FID_D
ClientSampleId :



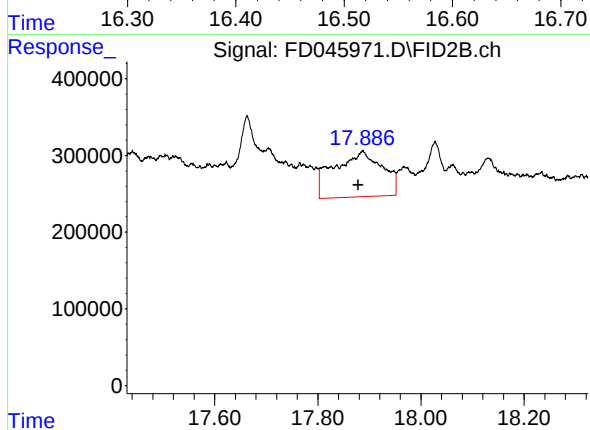
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: -0.034 min
Response: 4118417
Conc: 20.82 ug/ml



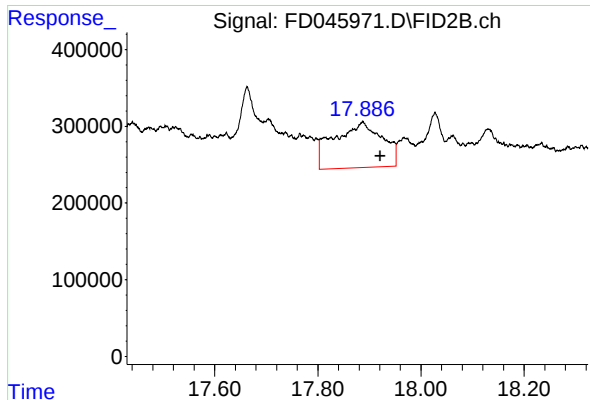
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: 0.002 min
Response: 3935716
Conc: 22.59 ug/ml



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

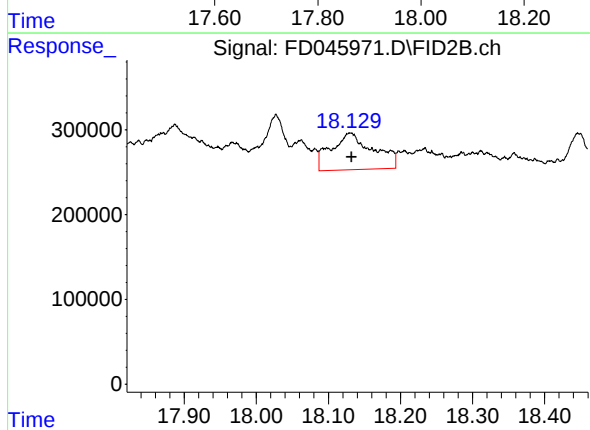
R.T.: 17.887 min
Delta R.T.: 0.008 min
Response: 3844668
Conc: 20.66 ug/ml



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

R.T.: 17.887 min
Delta R.T.: -0.034 min
Response: 3844668
Conc: 20.91 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.130 min
Delta R.T.: -0.002 min
Response: 1763662
Conc: 9.44 ug/ml