

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045678.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 08:27
 Operator : YP/AJ
 Sample : 02808-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 18 16:39:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.544	8350448	48.955 ug/ml
Spiked Amount 50.000		Recovery =	97.91%
6) S 2-Fluorobiphenyl (SURR)	8.400	5619687	48.878 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.76%
11) S ortho-Terphenyl (SURR)	11.438	6482558	30.705 ug/ml
Spiked Amount 50.000		Recovery =	61.41%
Target Compounds			
12) T Fluoranthene (C21.85)	12.465	58845	0.326 ug/ml
13) T Pyrene (C20.8)	12.760	47941	0.274 ug/ml
14) T Benzo[a]anthracene (C...	14.664	52095	0.327 ug/ml
15) T Chrysene (C27.41)	14.664	52095	0.321 ug/ml
16) T benzo[b]fluoranthene ...	16.164	225428	1.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	225428	1.559 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480f	46827	0.336 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	439336	3.421 ug/ml

(f)=RT Delta > 1/2 Window

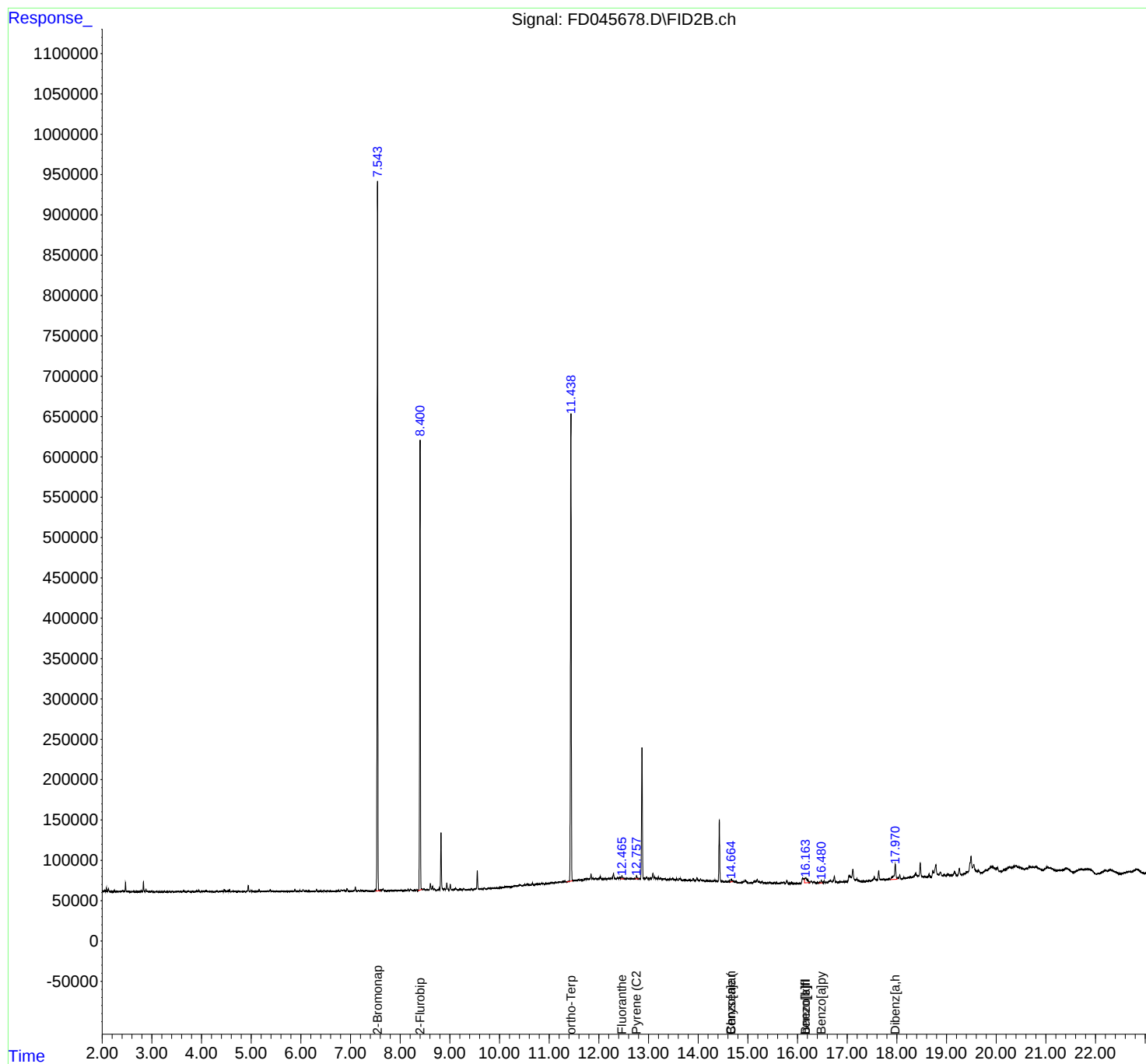
(m)=manual int.

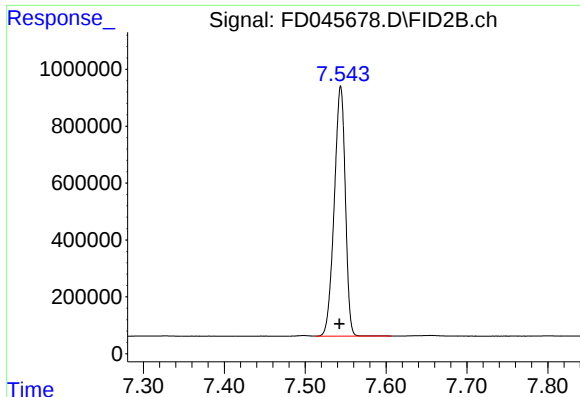
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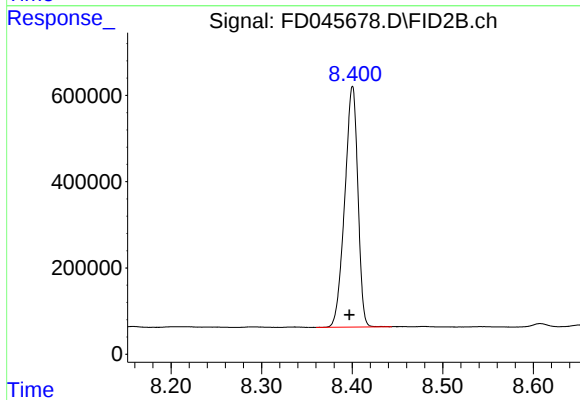




#4 2-Bromonaphthalene (SURR)

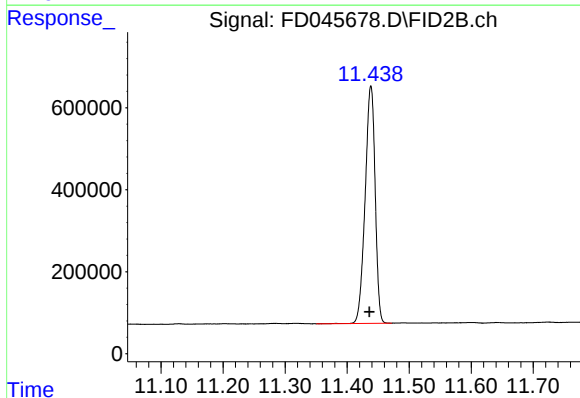
R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 8350448
Conc: 48.96 ug/ml

Instrument :
FID_D
ClientSampleId :



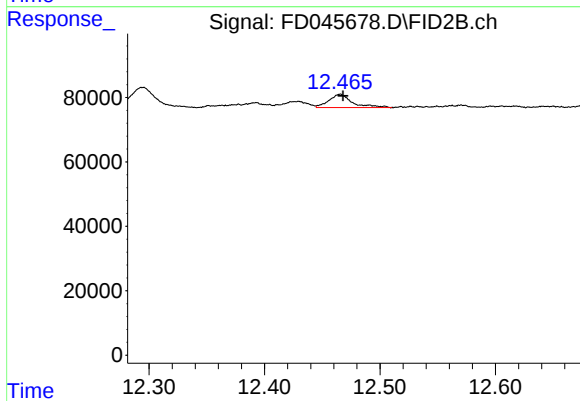
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 5619687
Conc: 48.88 ug/ml



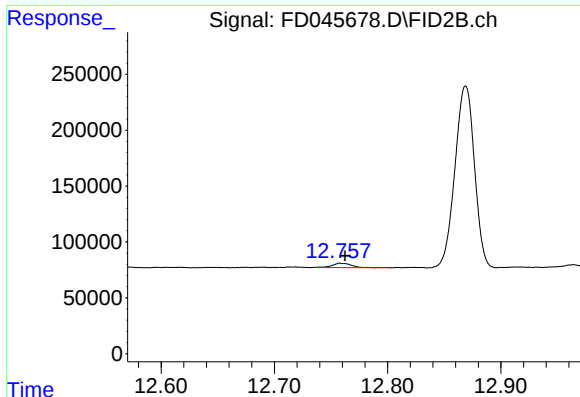
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: 0.002 min
Response: 6482558
Conc: 30.71 ug/ml



#12 Fluoranthene (C21.85)

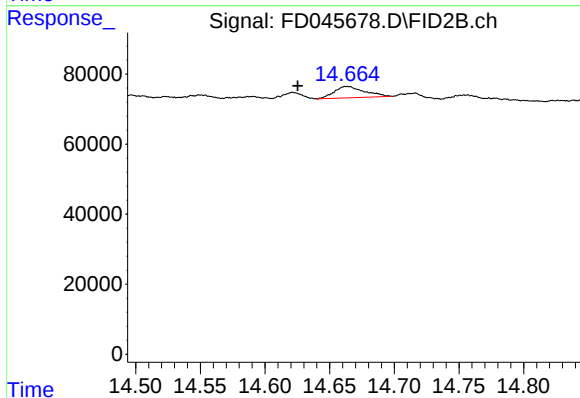
R.T.: 12.465 min
Delta R.T.: -0.003 min
Response: 58845
Conc: 0.33 ug/ml



#13 Pyrene (C20.8)

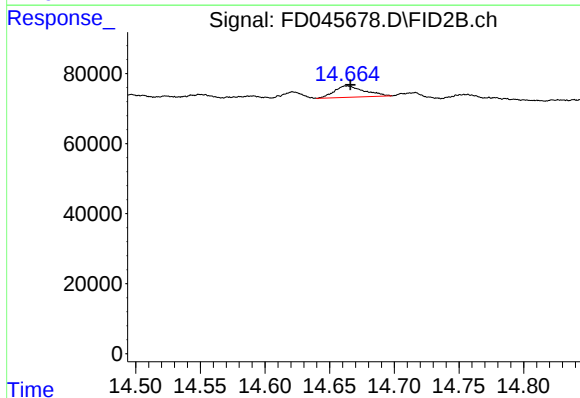
R.T.: 12.760 min
Delta R.T.: -0.003 min
Response: 47941
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



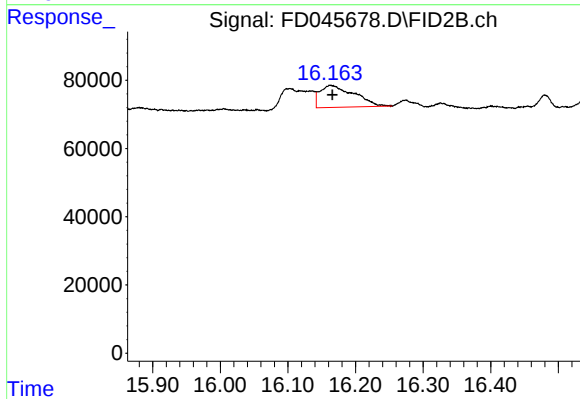
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.664 min
Delta R.T.: 0.038 min
Response: 52095
Conc: 0.33 ug/ml



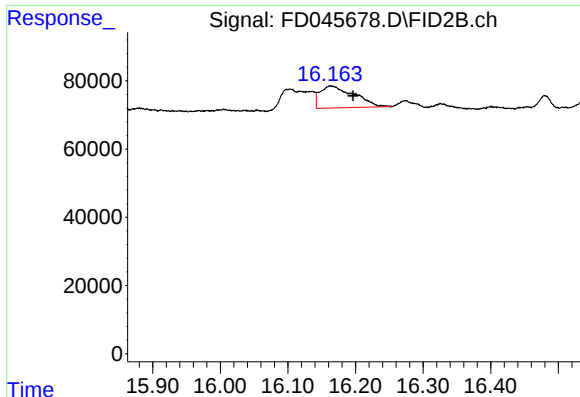
#15 Chrysene (C27.41)

R.T.: 14.664 min
Delta R.T.: -0.003 min
Response: 52095
Conc: 0.32 ug/ml



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

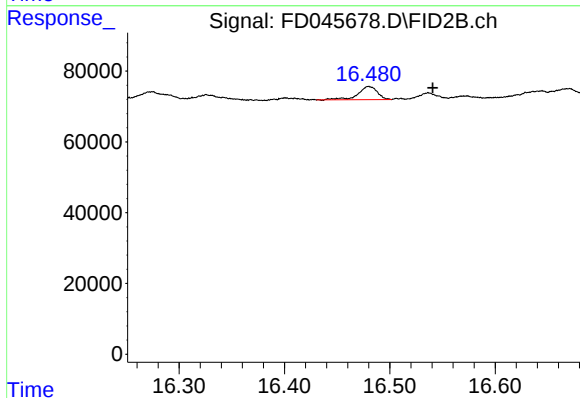
R.T.: 16.164 min
Delta R.T.: -0.002 min
Response: 225428
Conc: 1.53 ug/ml



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

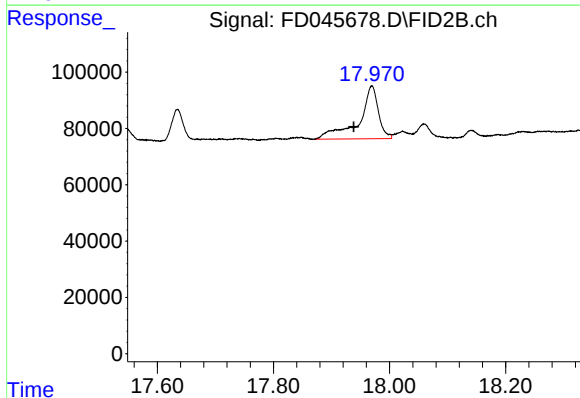
R.T.: 16.164 min
Delta R.T.: -0.032 min
Response: 225428
Conc: 1.56 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.480 min
Delta R.T.: -0.060 min
Response: 46827
Conc: 0.34 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.031 min
Response: 439336
Conc: 3.42 ug/ml