

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045571.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 20:10
 Operator : YP/AJ
 Sample : 02567-02
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 04 04:08:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.546	6710974	46.418 ug/ml
Spiked Amount 50.000		Recovery =	92.84%
6) S 2-Fluorobiphenyl (SURR)	8.401	4258172	45.664 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.33%
11) S ortho-Terphenyl (SURR)	11.442	6659351	37.210 ug/ml
Spiked Amount 50.000		Recovery =	74.42%
Target Compounds			
12) T Fluoranthene (C21.85)	12.470	49245	0.335 ug/ml
13) T Pyrene (C20.8)	12.764	56870	0.396 ug/ml
14) T Benzo[a]anthracene (C...	14.669	47625	0.363 ug/ml
15) T Chrysene (C27.41)	14.669	47625	0.349 ug/ml
16) T benzo[b]fluoranthene ...	16.169	45770	0.343 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	62972	0.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	47578	0.372 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	145642	1.159 ug/ml
20) T Dibenz[a,h]anthracene...	17.942	255792	1.878 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	80554	0.615 ug/ml

(f)=RT Delta > 1/2 Window

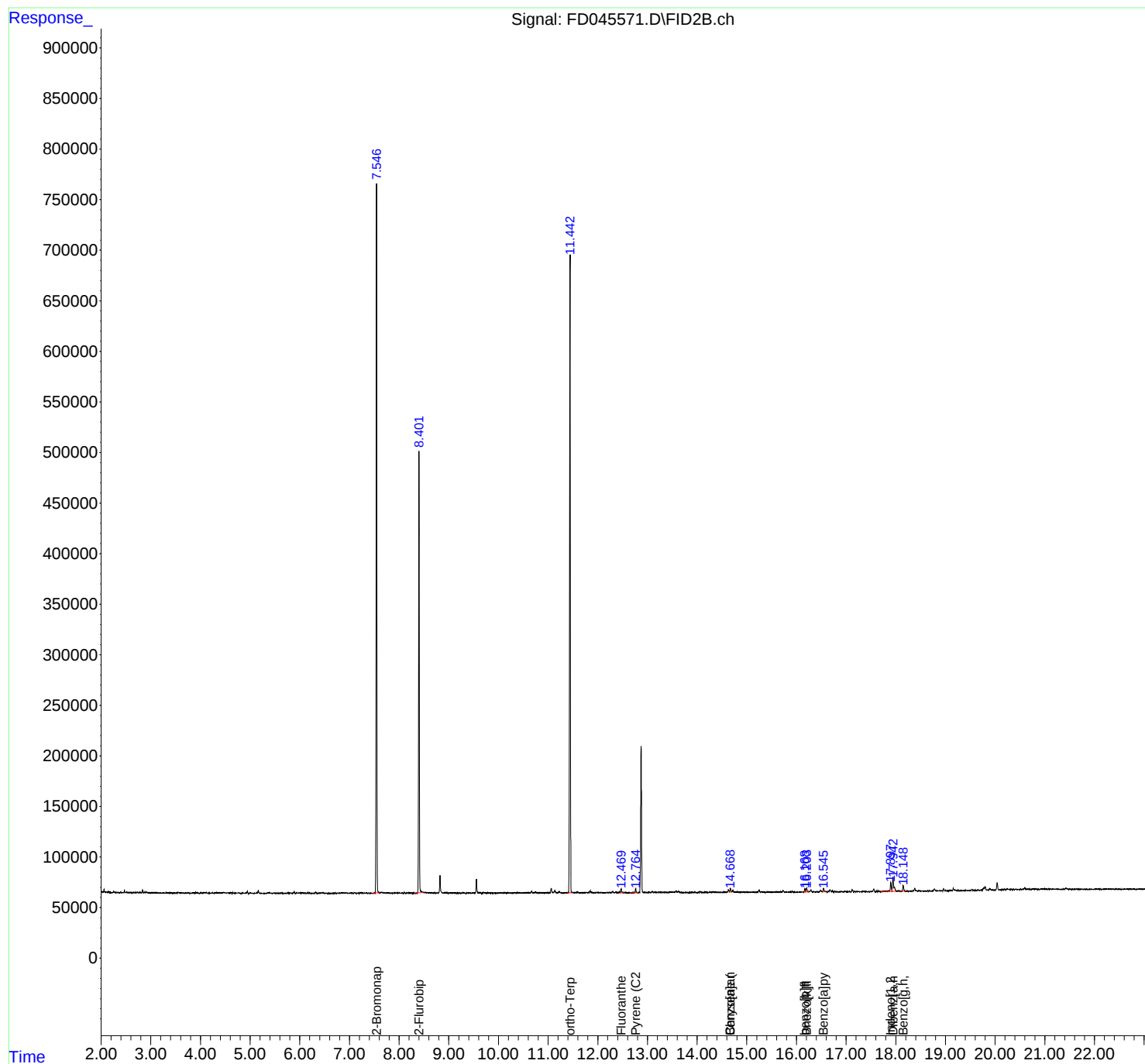
(m)=manual int.

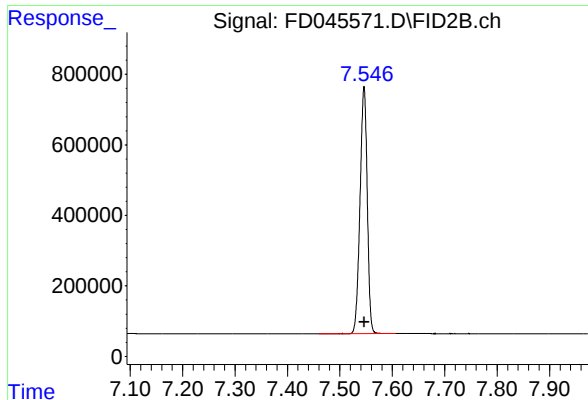
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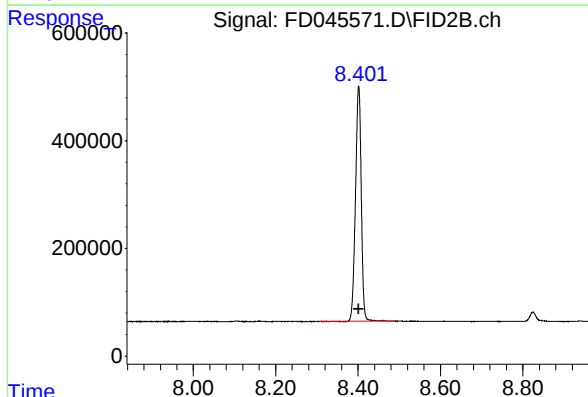




#4 2-Bromonaphthalene (SURR)

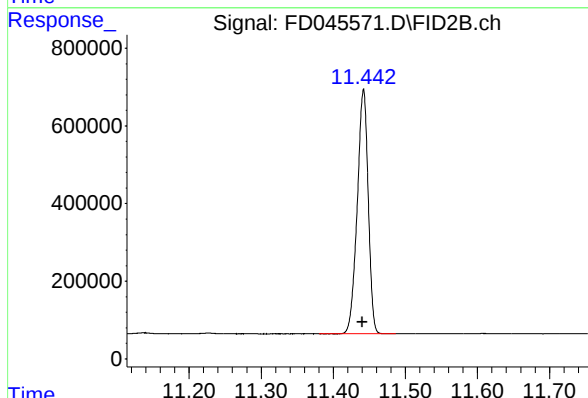
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 6710974
Conc: 46.42 ug/ml

Instrument :
FID_D
ClientSampleId :



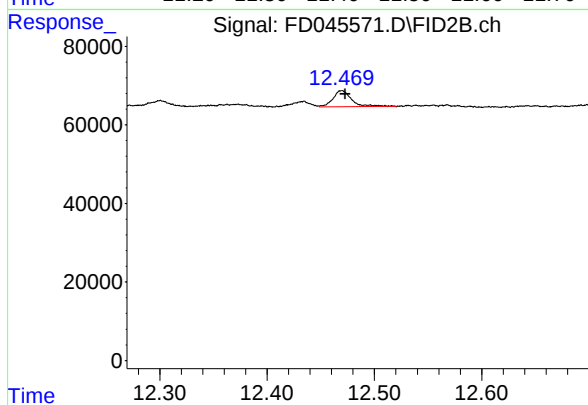
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 4258172
Conc: 45.66 ug/ml



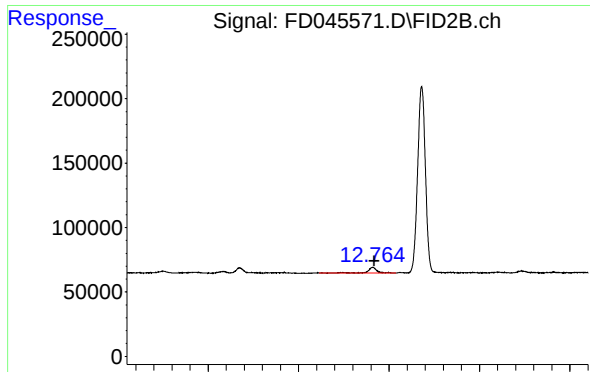
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: 0.002 min
Response: 6659351
Conc: 37.21 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.470 min
Delta R.T.: -0.003 min
Response: 49245
Conc: 0.33 ug/ml



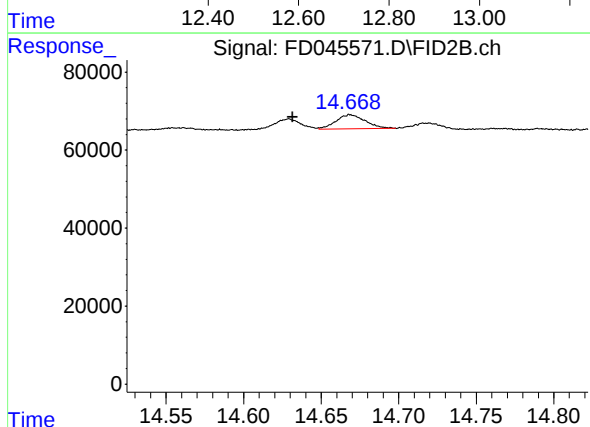
#13 Pyrene (C20.8)

R.T.: 12.764 min
Delta R.T.: -0.004 min
Response: 56870
Conc: 0.40 ug/ml

Instrument :

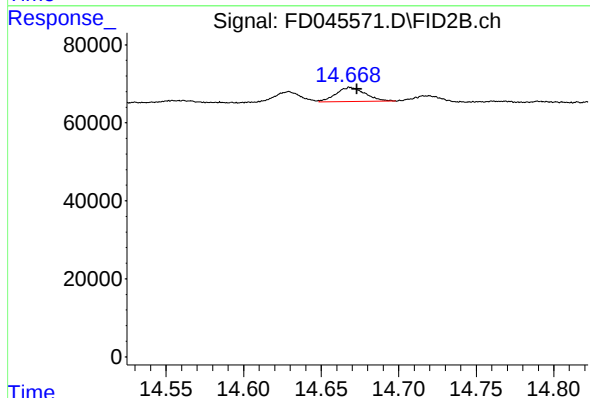
FID_D

ClientSampleId :



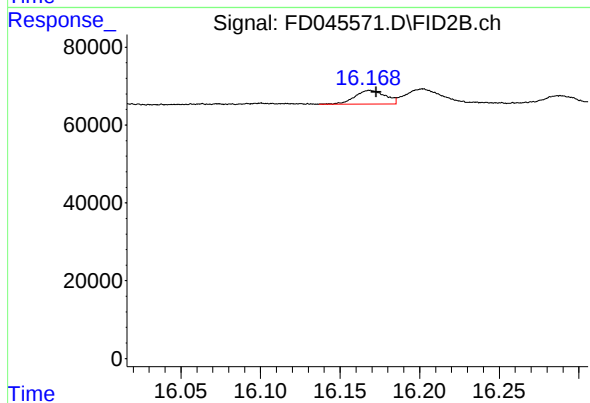
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.669 min
Delta R.T.: 0.037 min
Response: 47625
Conc: 0.36 ug/ml



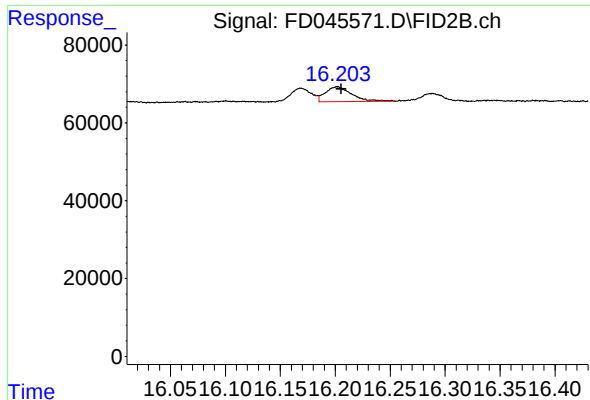
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.004 min
Response: 47625
Conc: 0.35 ug/ml



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

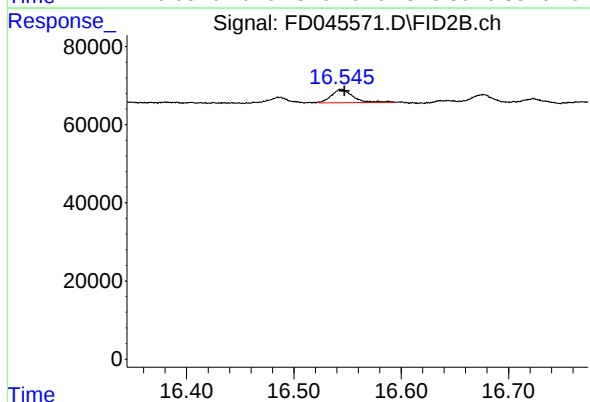
R.T.: 16.169 min
Delta R.T.: -0.004 min
Response: 45770
Conc: 0.34 ug/ml



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

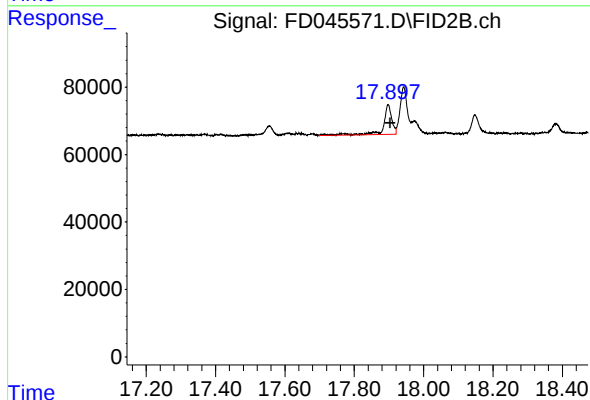
R.T.: 16.202 min
Delta R.T.: -0.004 min
Response: 62972
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :



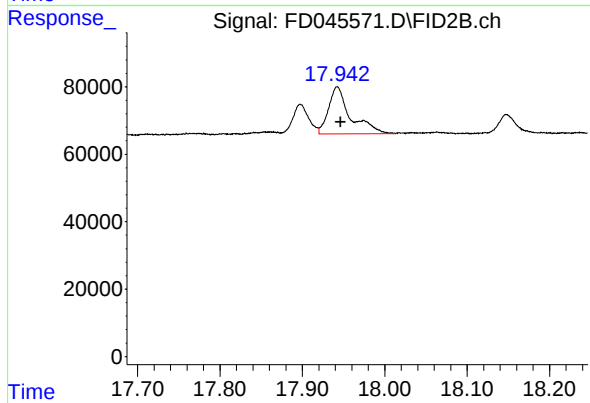
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.003 min
Response: 47578
Conc: 0.37 ug/ml



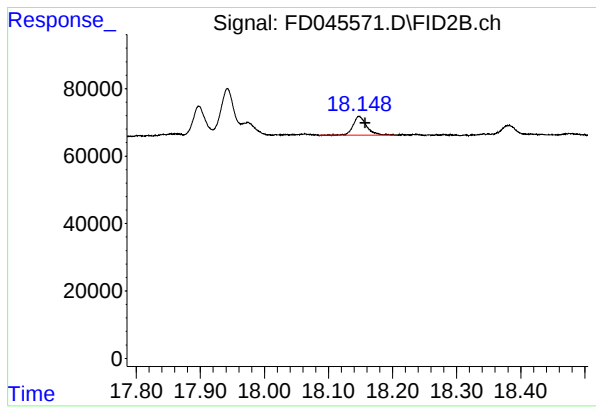
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: -0.006 min
Response: 145642
Conc: 1.16 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.004 min
Response: 255792
Conc: 1.88 ug/ml



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

R.T.: 18.148 min
Delta R.T.: -0.009 min
Response: 80554
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :