

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044576.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 14:29
 Operator : YP/AJ
 Sample : N5806-08
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:44:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.680	5939583	45.766 ug/ml
Spiked Amount 50.000		Recovery =	91.53%
6) S 2-Fluorobiphenyl (SURR)	8.538	4006473	45.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.73%
11) S ortho-Terphenyl (SURR)	11.567	4178380	25.674 ug/ml
Spiked Amount 50.000		Recovery =	51.35%
Target Compounds			
9) T Phenanthrene (C19.36)	10.799	74716	0.524 ug/ml
12) T Fluoranthene (C21.85)	12.599	201324	1.412 ug/ml
13) T Pyrene (C20.8)	12.894	170260	1.223 ug/ml
14) T Benzo[a]anthracene (C...	14.753	102434	0.792 ug/ml
15) T Chrysene (C27.41)	14.794	108320	0.803 ug/ml
16) T benzo[b]fluoranthene ...	16.294	140813	1.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	48514	0.373 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	84585	0.654 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	59853	0.470 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	140098	1.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	63253	0.492 ug/ml

(f)=RT Delta > 1/2 Window

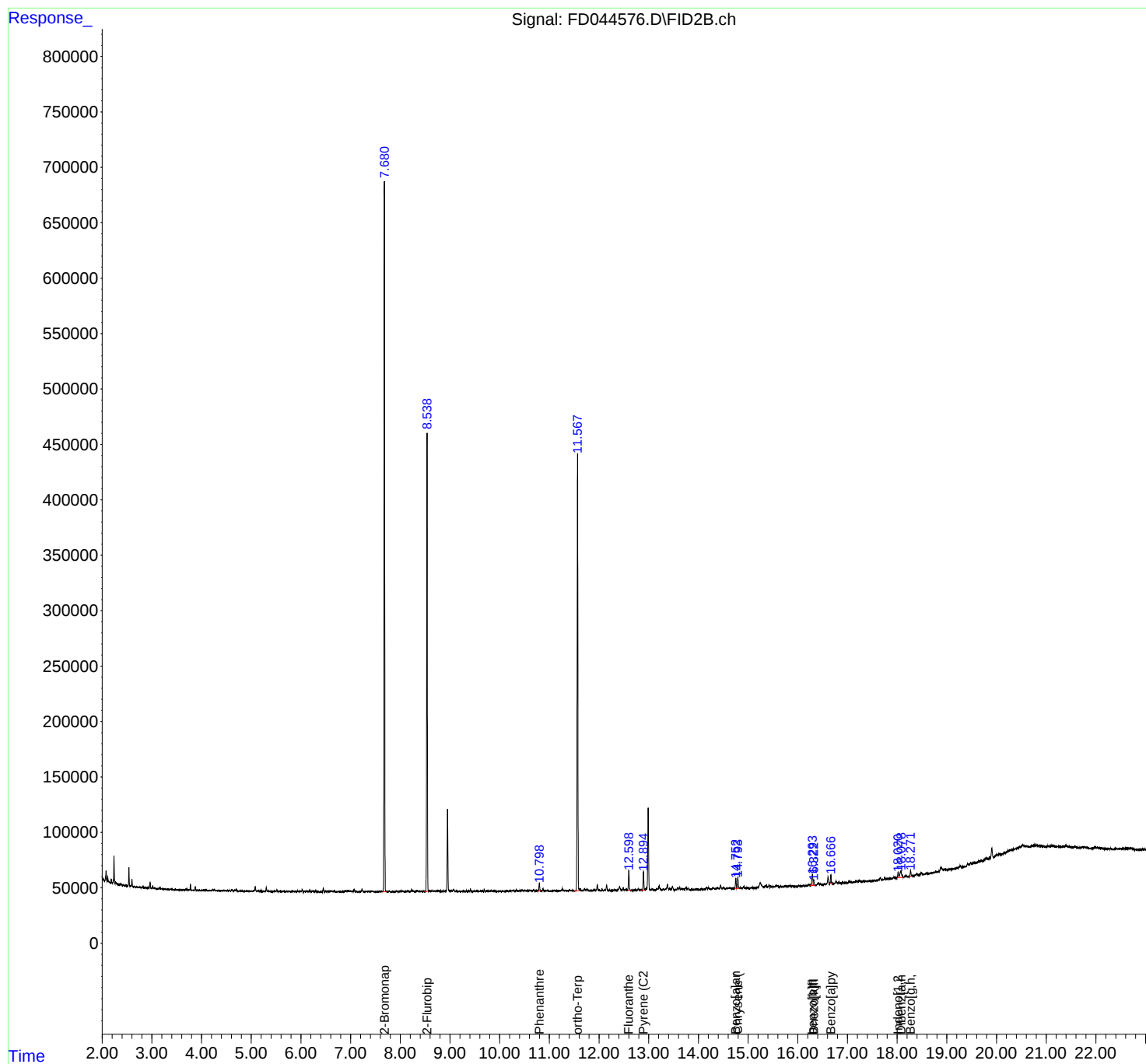
(m)=manual int.

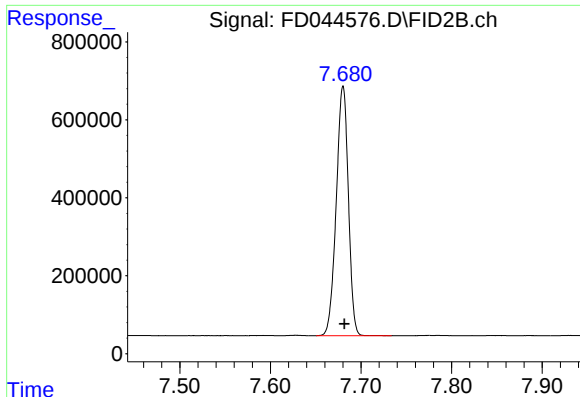
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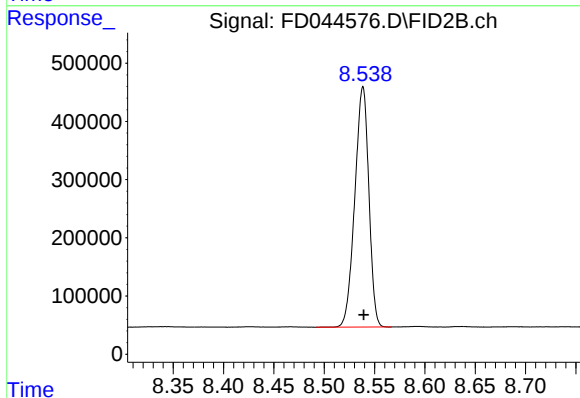




#4 2-Bromonaphthalene (SURRE)

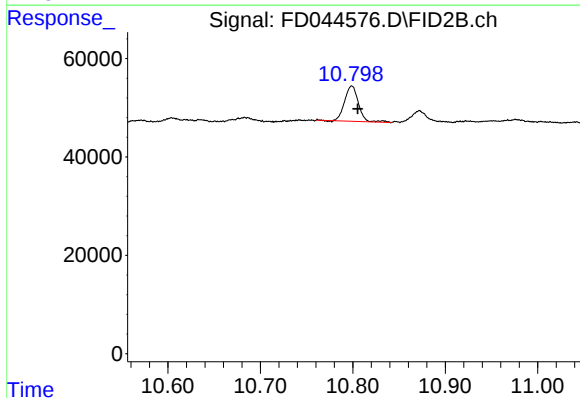
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 5939583
Conc: 45.77 ug/ml

Instrument :
FID_D
ClientSampleId :



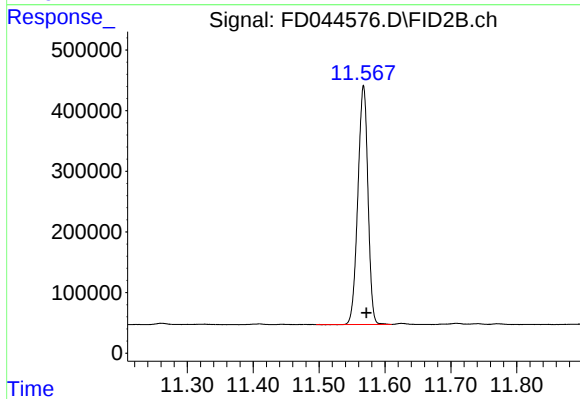
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 4006473
Conc: 45.36 ug/ml



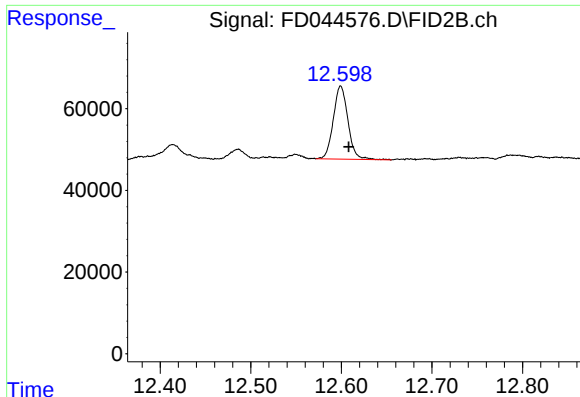
#9 Phenanthrene (C19.36)

R.T.: 10.799 min
Delta R.T.: -0.007 min
Response: 74716
Conc: 0.52 ug/ml



#11 ortho-Terphenyl (SURRE)

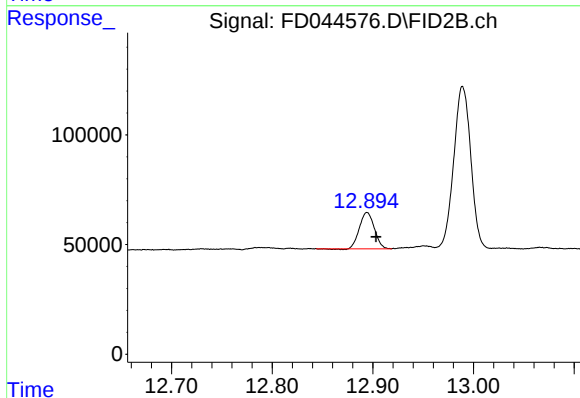
R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 4178380
Conc: 25.67 ug/ml



#12 Fluoranthene (C21.85)

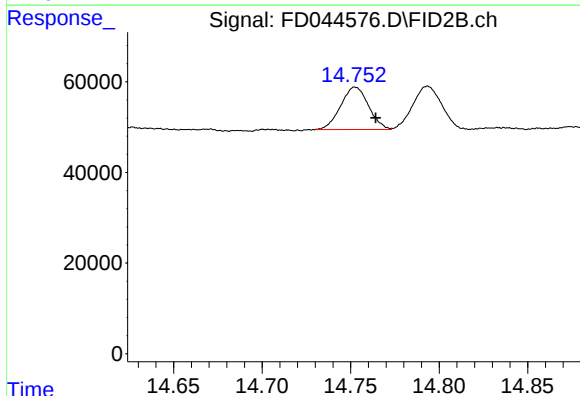
R.T.: 12.599 min
Delta R.T.: -0.009 min
Response: 201324
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



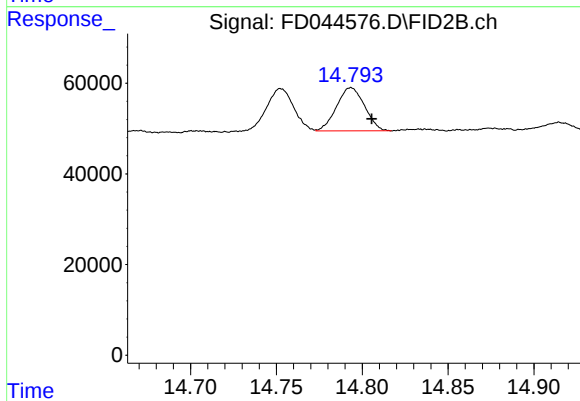
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: -0.009 min
Response: 170260
Conc: 1.22 ug/ml



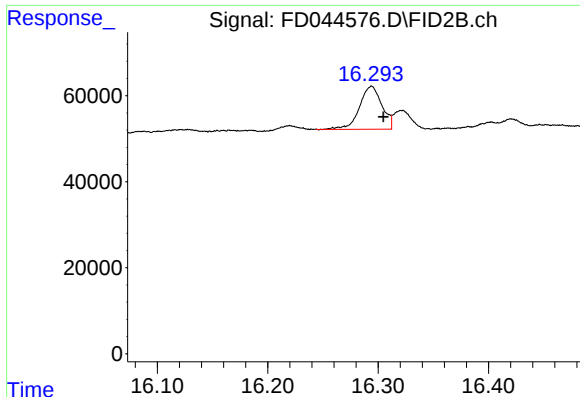
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.012 min
Response: 102434
Conc: 0.79 ug/ml



#15 Chrysene (C27.41)

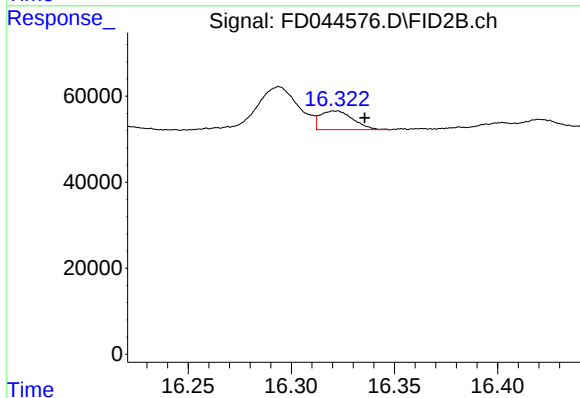
R.T.: 14.794 min
Delta R.T.: -0.012 min
Response: 108320
Conc: 0.80 ug/ml



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

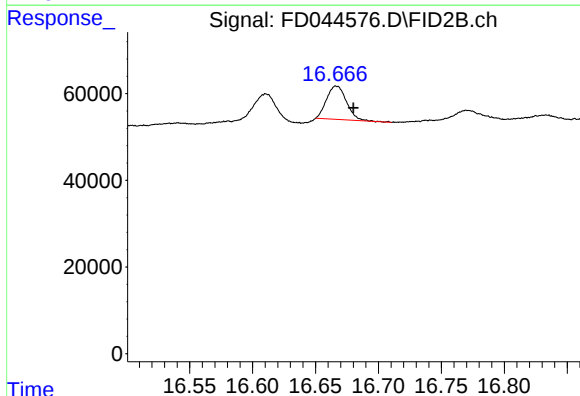
R.T.: 16.294 min
Delta R.T.: -0.011 min
Response: 140813
Conc: 1.07 ug/ml

Instrument :
FID_D
ClientSampleId :



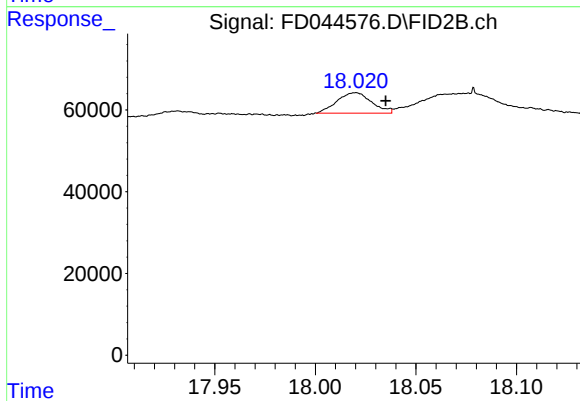
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: -0.014 min
Response: 48514
Conc: 0.37 ug/ml



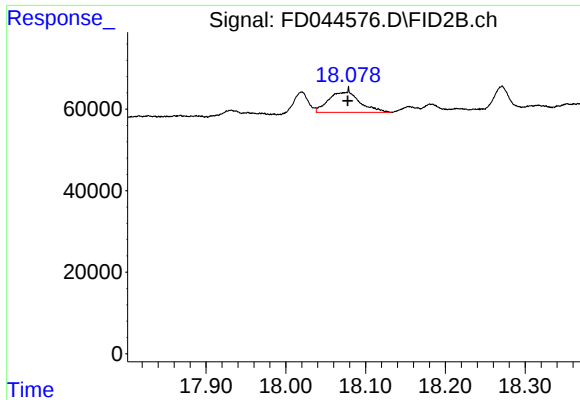
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: -0.014 min
Response: 84585
Conc: 0.65 ug/ml



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

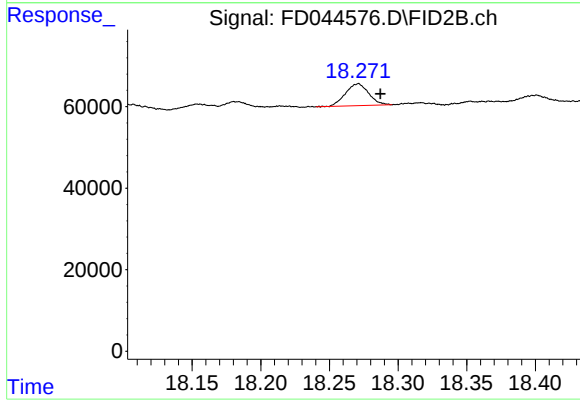
R.T.: 18.020 min
Delta R.T.: -0.015 min
Response: 59853
Conc: 0.47 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 140098
Conc: 1.11 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.271 min
Delta R.T.: -0.016 min
Response: 63253
Conc: 0.49 ug/ml