

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044575.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 13:47
 Operator : YP/AJ
 Sample : N5806-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:44:34 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...	7.678	5996129	46.202 ug/ml
Spiked Amount 50.000		Recovery =	92.40%
6) S 2-Fluorobiphenyl (SURR)	8.536	4020905	45.528 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.06%
11) S ortho-Terphenyl (SURR)	11.566	5202938	31.970 ug/ml
Spiked Amount 50.000		Recovery =	63.94%
Target Compounds			
9) T Phenanthrene (C19.36)	10.796	109720	0.769 ug/ml
12) T Fluoranthene (C21.85)	12.597	270854	1.900 ug/ml
13) T Pyrene (C20.8)	12.893	213239	1.532 ug/ml
14) T Benzo[a]anthracene (C...	14.752	125497	0.970 ug/ml
15) T Chrysene (C27.41)	14.803	300101	2.226 ug/ml
16) T benzo[b]fluoranthene ...	16.293	192884	1.465 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	66742	0.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	104394	0.808 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	66126	0.519 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	140812	1.119 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	92273	0.717 ug/ml

(f)=RT Delta > 1/2 Window

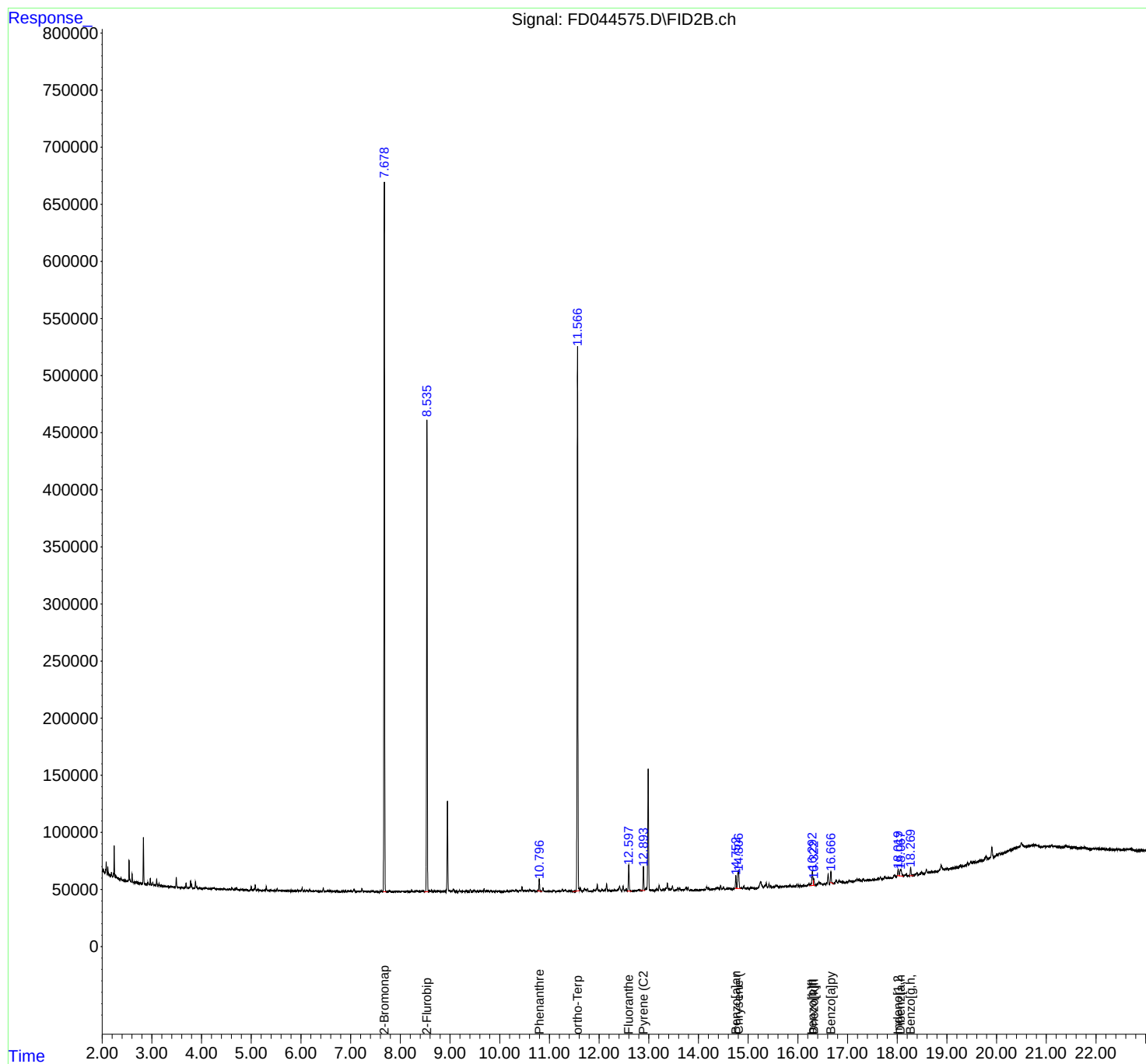
(m)=manual int.

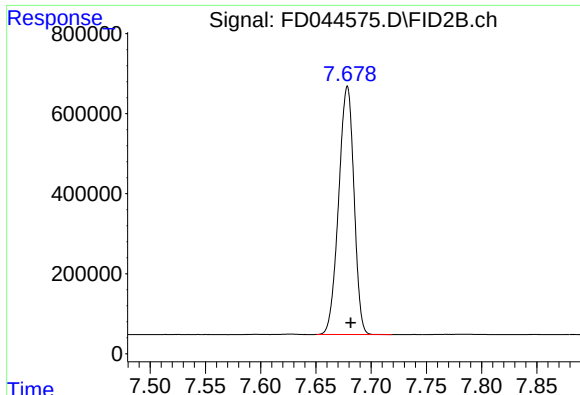
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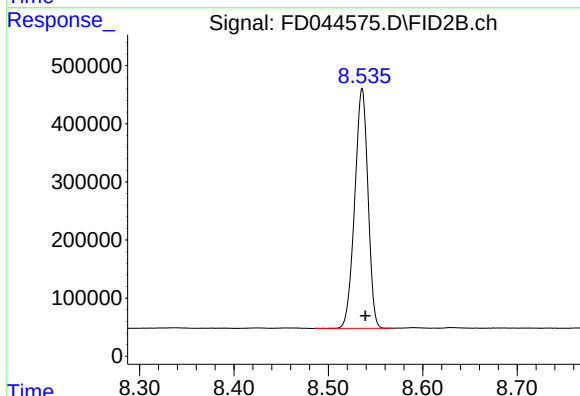




#4 2-Bromonaphthalene (SURRE)

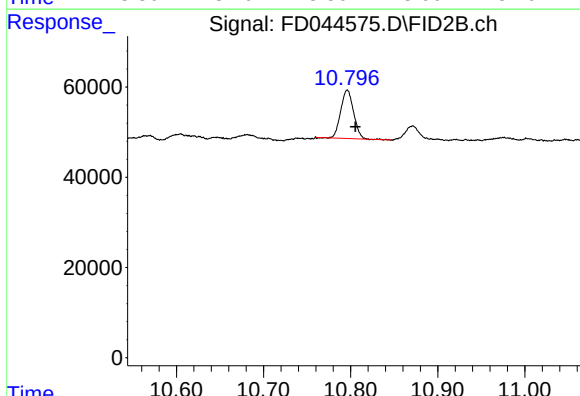
R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 5996129
Conc: 46.20 ug/ml

Instrument :
FID_D
ClientSampleId :



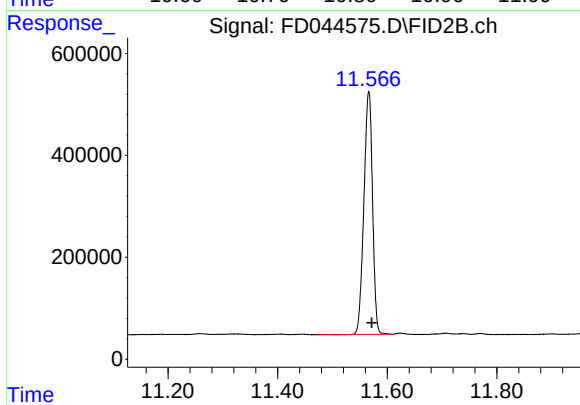
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 4020905
Conc: 45.53 ug/ml



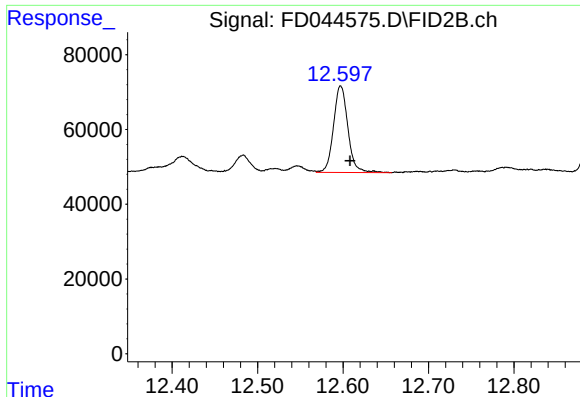
#9 Phenanthrene (C19.36)

R.T.: 10.796 min
Delta R.T.: -0.009 min
Response: 109720
Conc: 0.77 ug/ml



#11 ortho-Terphenyl (SURRE)

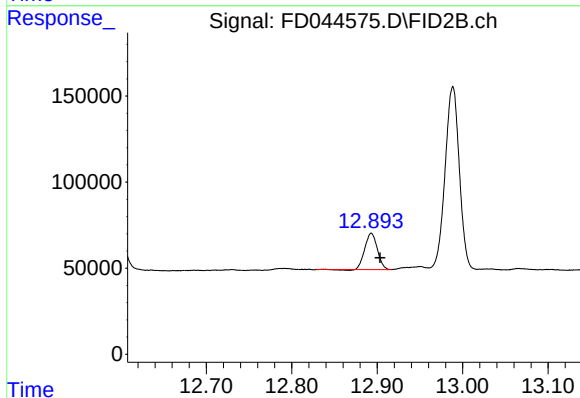
R.T.: 11.566 min
Delta R.T.: -0.005 min
Response: 5202938
Conc: 31.97 ug/ml



#12 Fluoranthene (C21.85)

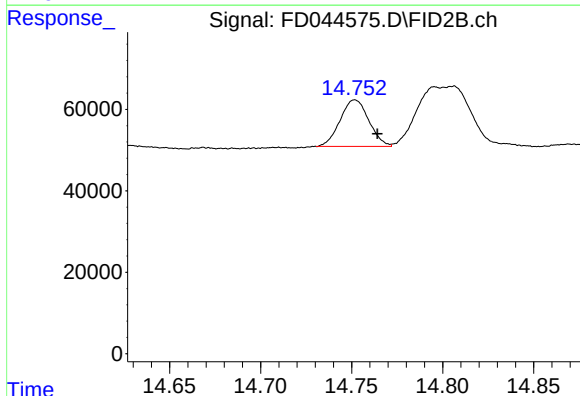
R.T.: 12.597 min
Delta R.T.: -0.011 min
Response: 270854
Conc: 1.90 ug/ml

Instrument :
FID_D
ClientSampleId :



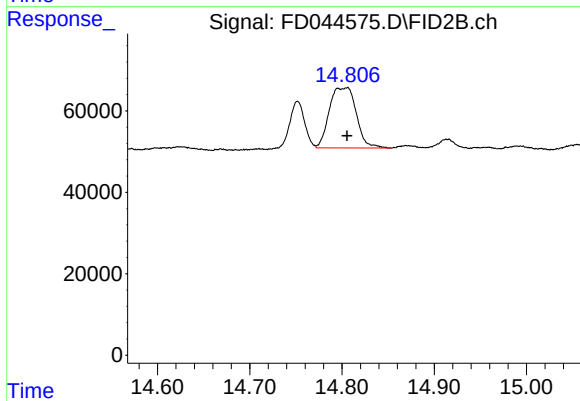
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.010 min
Response: 213239
Conc: 1.53 ug/ml



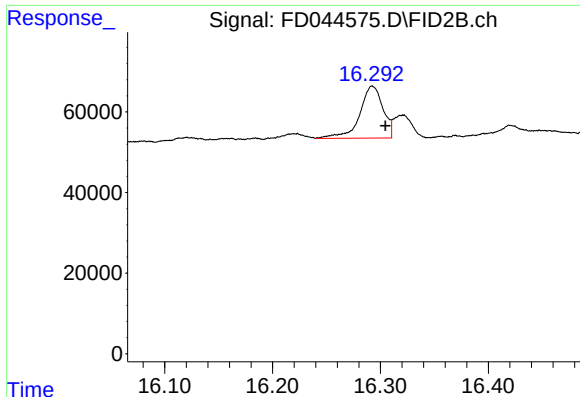
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.752 min
Delta R.T.: -0.012 min
Response: 125497
Conc: 0.97 ug/ml



#15 Chrysene (C27.41)

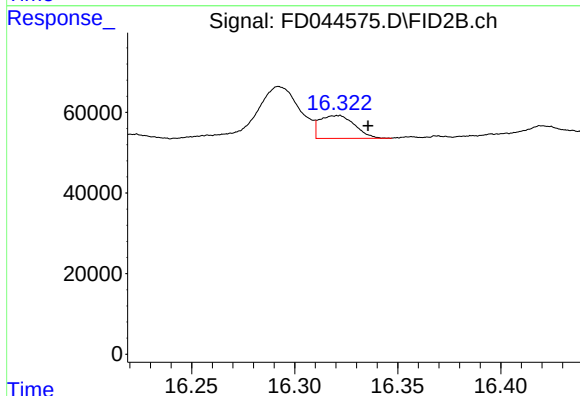
R.T.: 14.803 min
Delta R.T.: -0.002 min
Response: 300101
Conc: 2.23 ug/ml



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

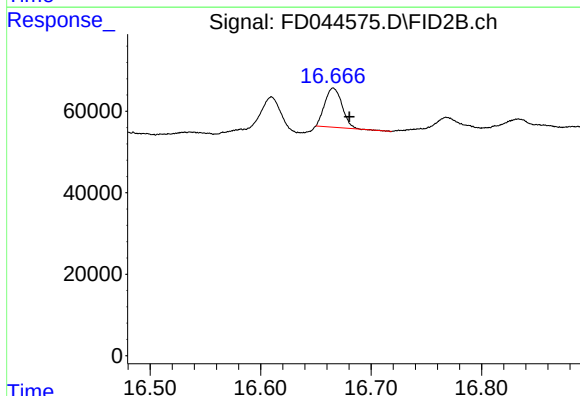
R.T.: 16.293 min
Delta R.T.: -0.012 min
Response: 192884
Conc: 1.47 ug/ml

Instrument :
FID_D
ClientSampleId :



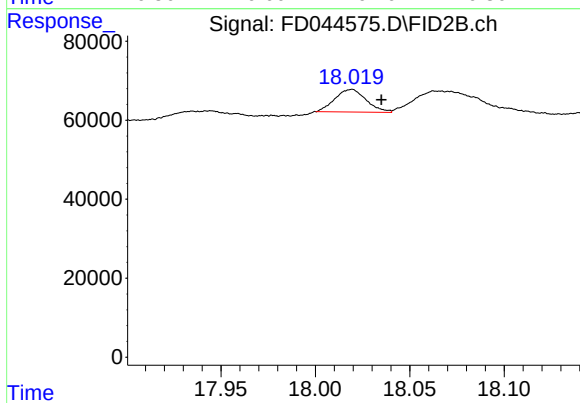
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: -0.016 min
Response: 66742
Conc: 0.51 ug/ml



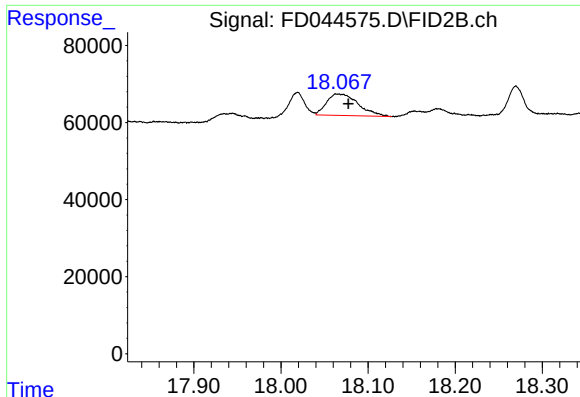
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.014 min
Response: 104394
Conc: 0.81 ug/ml



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

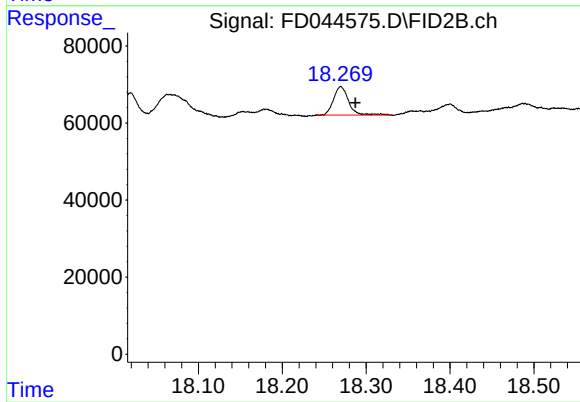
R.T.: 18.019 min
Delta R.T.: -0.016 min
Response: 66126
Conc: 0.52 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.011 min
Response: 140812
Conc: 1.12 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.270 min
Delta R.T.: -0.017 min
Response: 92273
Conc: 0.72 ug/ml