

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044610.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2022 09:06
 Operator : YP/AJ
 Sample : N5863-01D
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 09:45:12 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...	7.679	6075859	46.816 ug/ml
Spiked Amount 50.000		Recovery =	93.63%
6) S 2-Fluorobiphenyl (SURR)	8.536	3977611	45.038 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.08%
11) S ortho-Terphenyl (SURR)	11.566	6322139	38.847 ug/ml
Spiked Amount 50.000		Recovery =	77.69%
Target Compounds			
9) T Phenanthrene (C19.36)	10.795	104667	0.734 ug/ml
12) T Fluoranthene (C21.85)	12.596	151764	1.065 ug/ml
13) T Pyrene (C20.8)	12.891	97298	0.699 ug/ml
14) T Benzo[a]anthracene (C...	14.748	52916	0.409 ug/ml
15) T Chrysene (C27.41)	14.788	64666	0.480 ug/ml
16) T benzo[b]fluoranthene ...	16.317	68124	0.518 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	68124	0.523 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	62724	0.485 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.015	152970	1.200 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	253691	2.016 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	70058	0.545 ug/ml

(f)=RT Delta > 1/2 Window

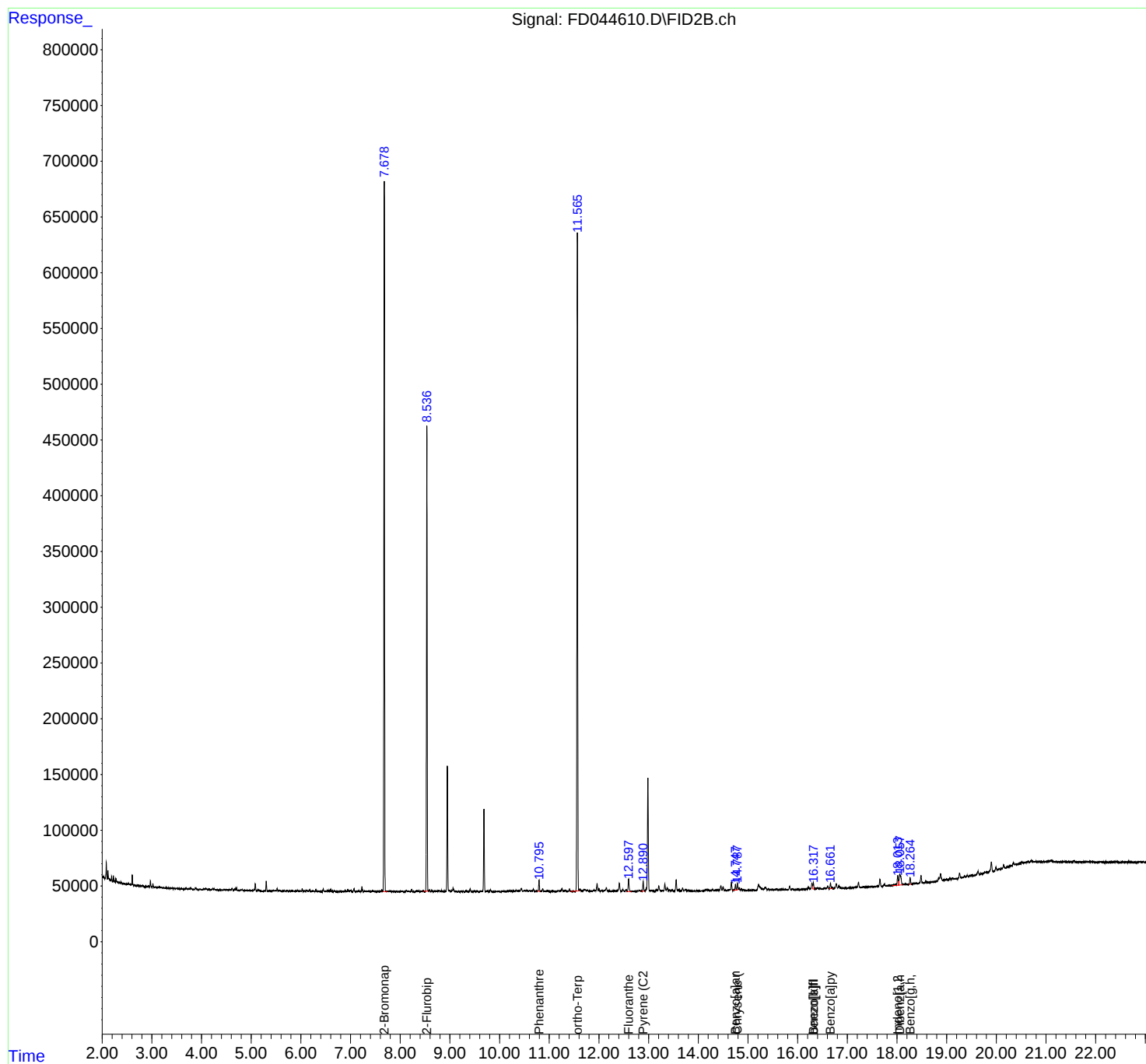
(m)=manual int.

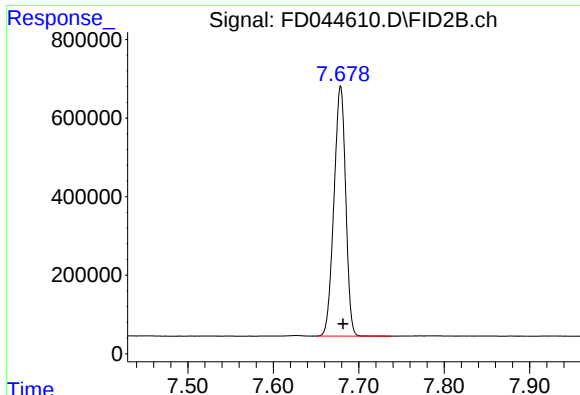
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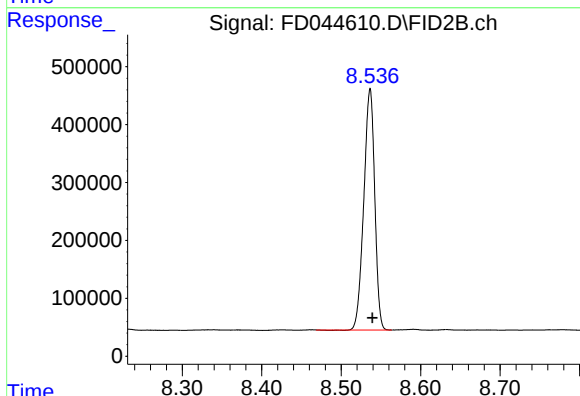




#4 2-Bromonaphthalene (SURRE)

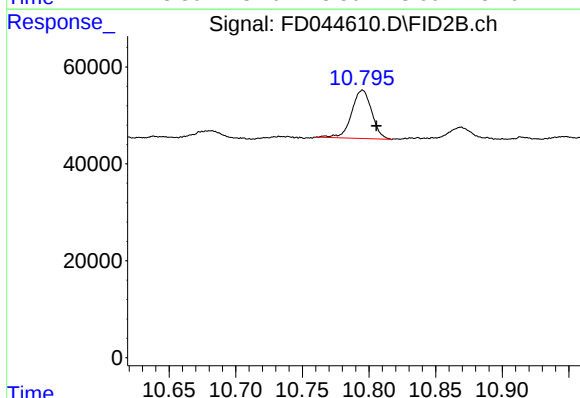
R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 6075859
Conc: 46.82 ug/ml

Instrument :
FID_D
ClientSampleId :



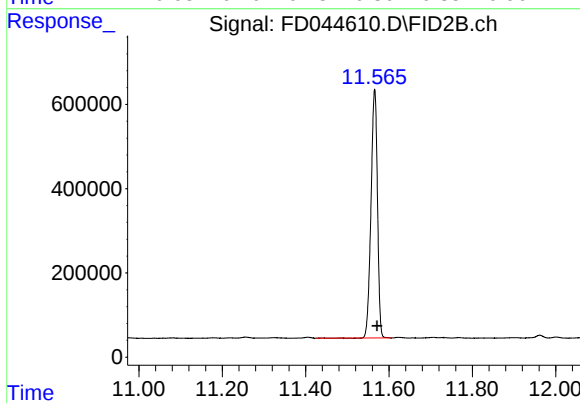
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 3977611
Conc: 45.04 ug/ml



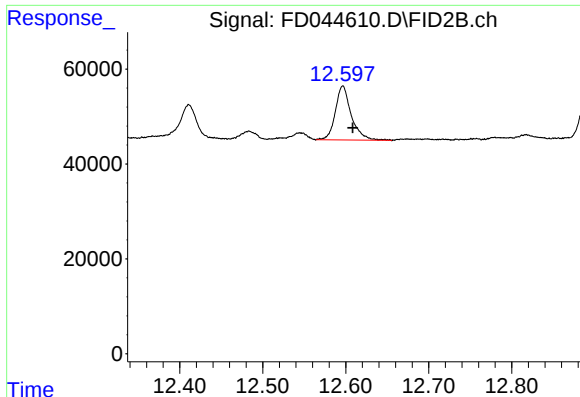
#9 Phenanthrene (C19.36)

R.T.: 10.795 min
Delta R.T.: -0.010 min
Response: 104667
Conc: 0.73 ug/ml



#11 ortho-Terphenyl (SURRE)

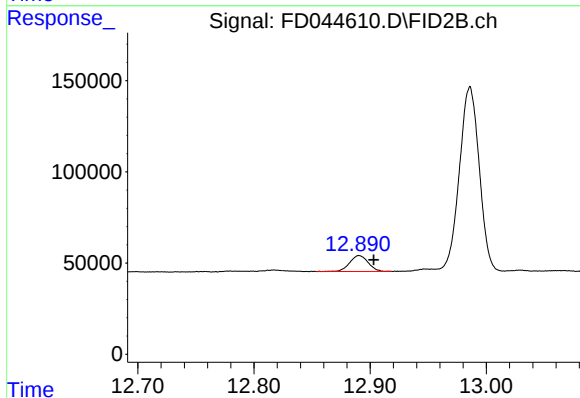
R.T.: 11.566 min
Delta R.T.: -0.006 min
Response: 6322139
Conc: 38.85 ug/ml



#12 Fluoranthene (C21.85)

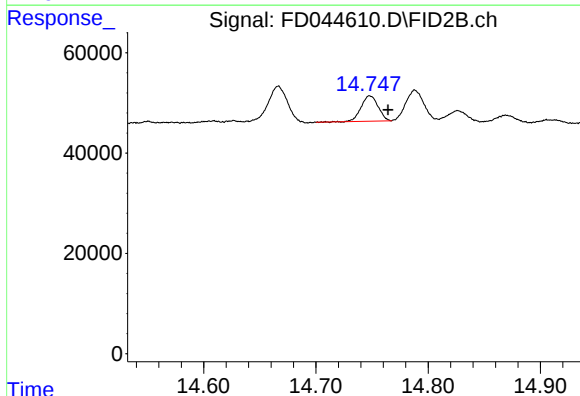
R.T.: 12.596 min
Delta R.T.: -0.012 min
Response: 151764
Conc: 1.06 ug/ml

Instrument :
FID_D
ClientSampleId :



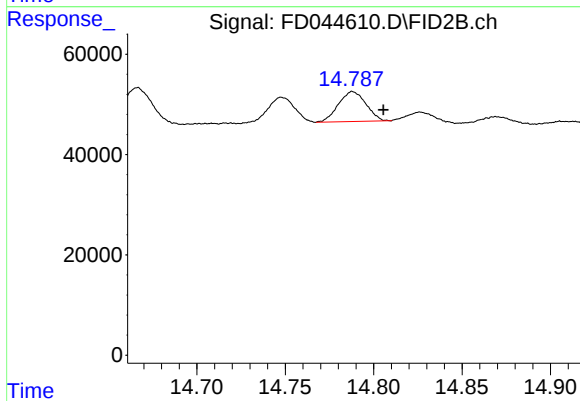
#13 Pyrene (C20.8)

R.T.: 12.891 min
Delta R.T.: -0.013 min
Response: 97298
Conc: 0.70 ug/ml



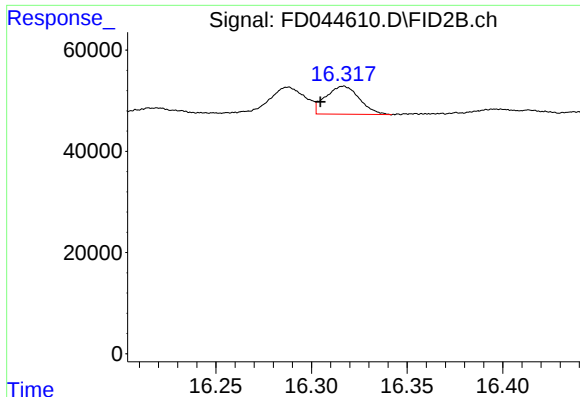
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: -0.016 min
Response: 52916
Conc: 0.41 ug/ml



#15 Chrysene (C27.41)

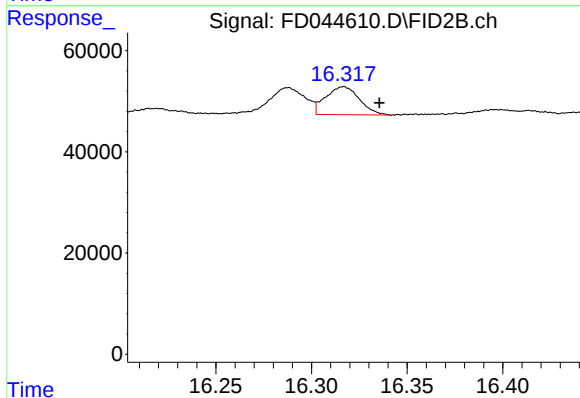
R.T.: 14.788 min
Delta R.T.: -0.017 min
Response: 64666
Conc: 0.48 ug/ml



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

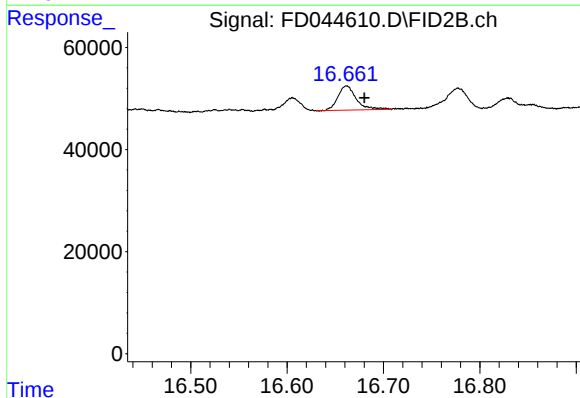
R.T.: 16.317 min
Delta R.T.: 0.012 min
Response: 68124
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



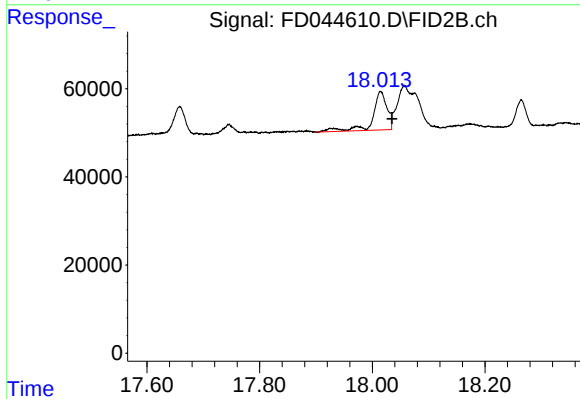
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: -0.019 min
Response: 68124
Conc: 0.52 ug/ml



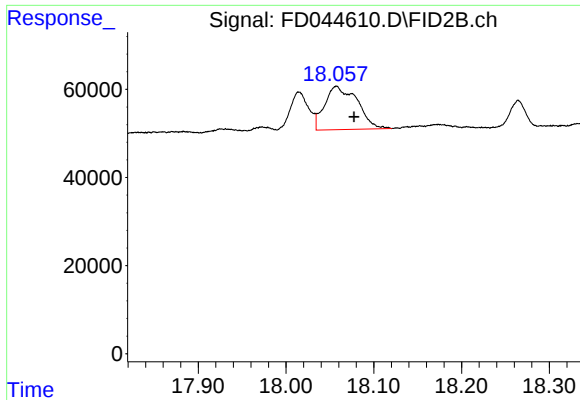
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: -0.018 min
Response: 62724
Conc: 0.49 ug/ml



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

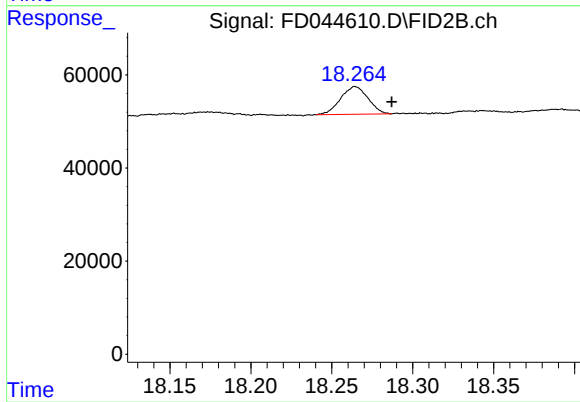
R.T.: 18.015 min
Delta R.T.: -0.020 min
Response: 152970
Conc: 1.20 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 253691
Conc: 2.02 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.264 min
Delta R.T.: -0.023 min
Response: 70058
Conc: 0.54 ug/ml