

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044988.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 11:20
 Operator : YP/AJ
 Sample : 01463-22
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:05:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.558	7355223	50.151 ug/ml
Spiked Amount 50.000		Recovery =	100.30%
6) S 2-Fluorobiphenyl (SURR)	8.414	4719882	47.287 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.57%
11) S ortho-Terphenyl (SURR)	11.455	7346116	39.525 ug/ml
Spiked Amount 50.000		Recovery =	79.05%
Target Compounds			
9) T Phenanthrene (C19.36)	10.678	83951	0.519 ug/ml
12) T Fluoranthene (C21.85)	12.482	201428	1.259 ug/ml
13) T Pyrene (C20.8)	12.777	172299	1.098 ug/ml
14) T Benzo[a]anthracene (C...	14.640	74106	0.519 ug/ml
15) T Chrysene (C27.41)	14.681	86858	0.587 ug/ml
16) T benzo[b]fluoranthene ...	16.182	58793	0.405 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	58793	0.412 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	90505	0.648 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	107731	0.801 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	107731	0.813 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	45428	0.334 ug/ml

(f)=RT Delta > 1/2 Window

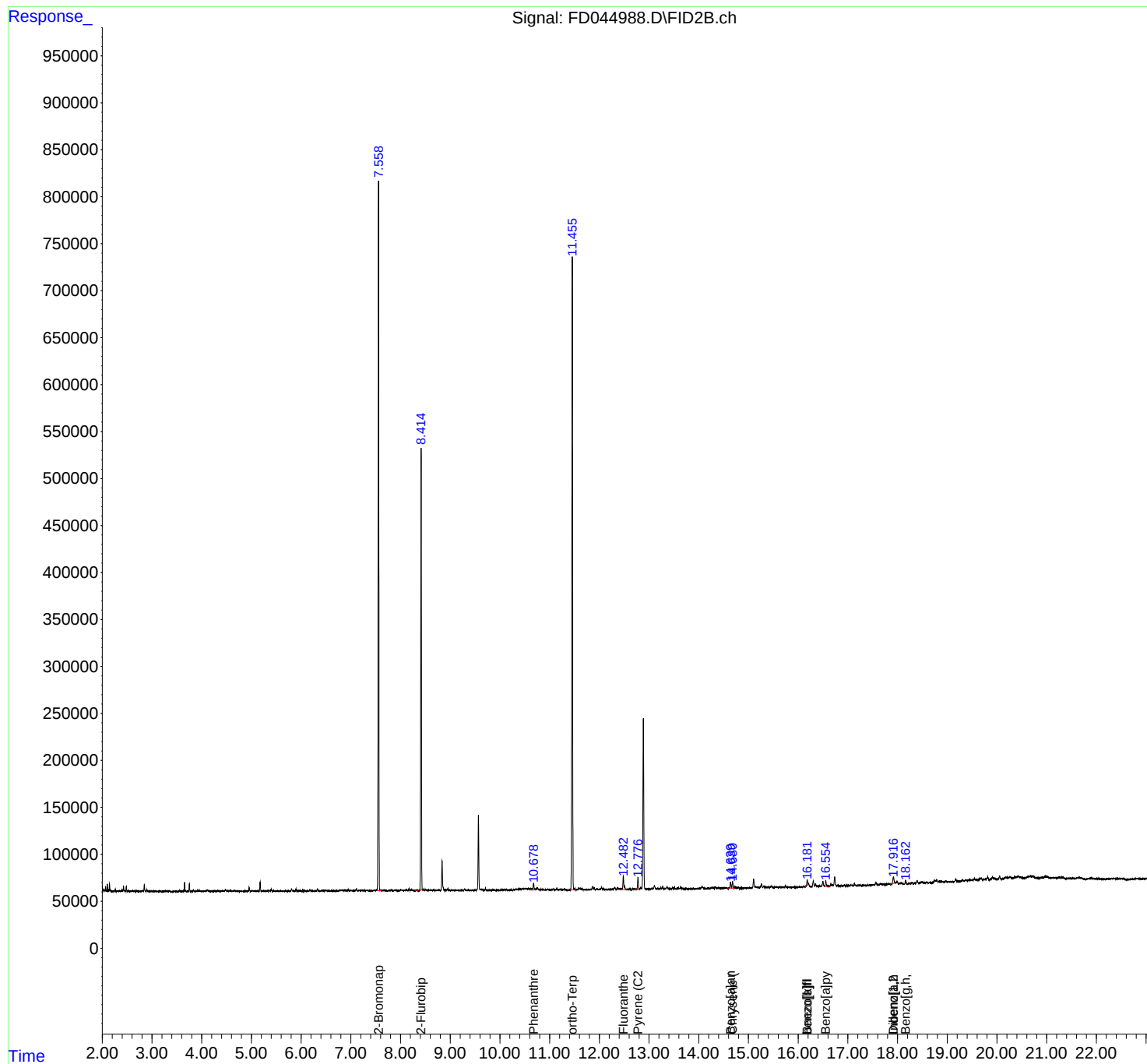
(m)=manual int.

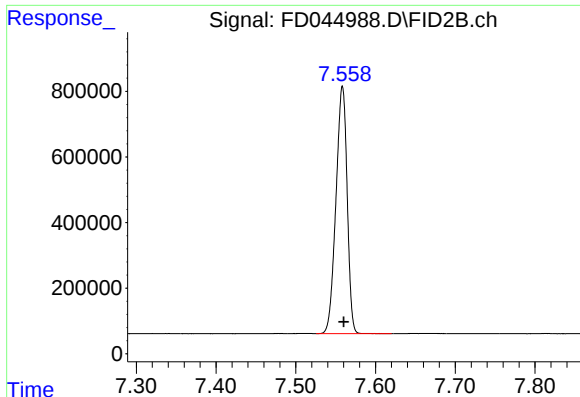
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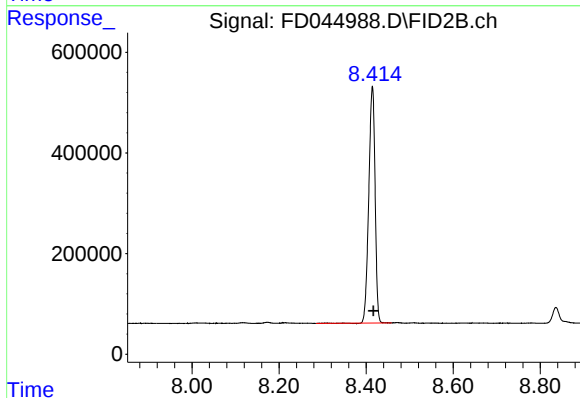




#4 2-Bromonaphthalene (SURR)

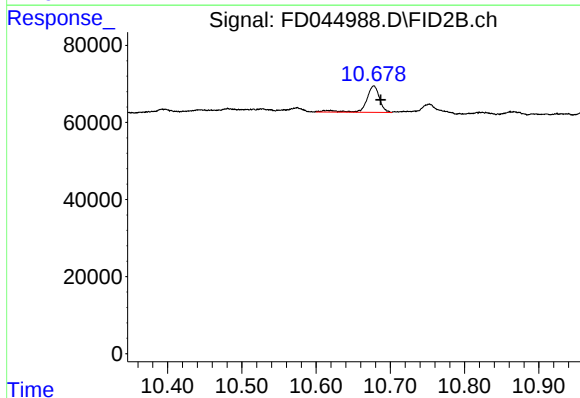
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 7355223
Conc: 50.15 ug/ml

Instrument :
FID_D
ClientSampleId :



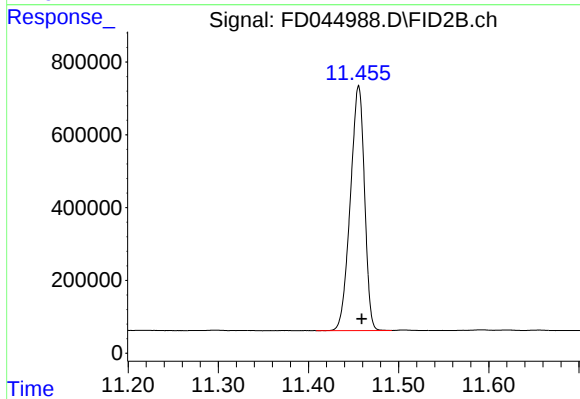
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4719882
Conc: 47.29 ug/ml



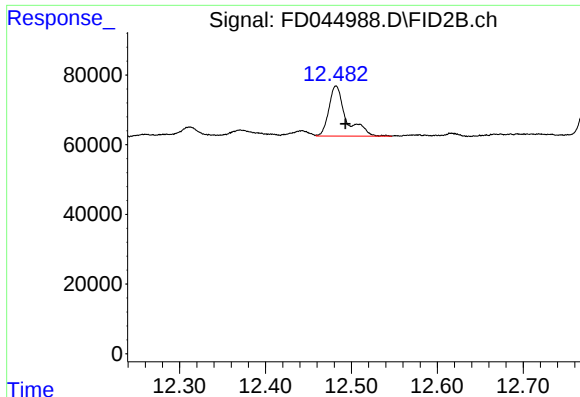
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.010 min
Response: 83951
Conc: 0.52 ug/ml



#11 ortho-Terphenyl (SURR)

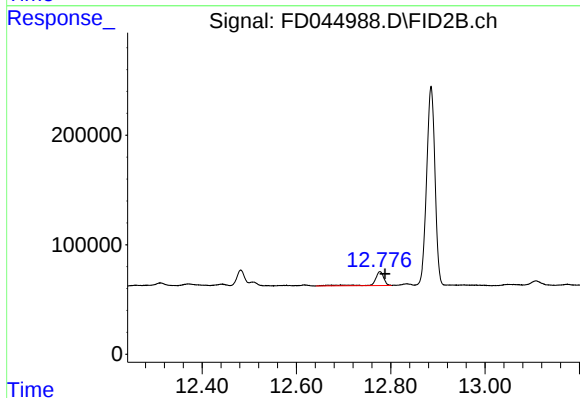
R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 7346116
Conc: 39.53 ug/ml



#12 Fluoranthene (C21.85)

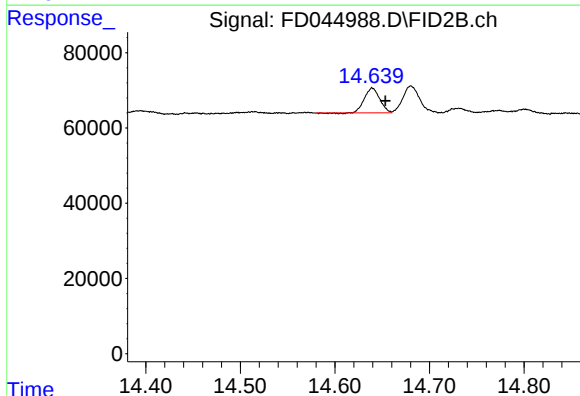
R.T.: 12.482 min
Delta R.T.: -0.011 min
Response: 201428
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :



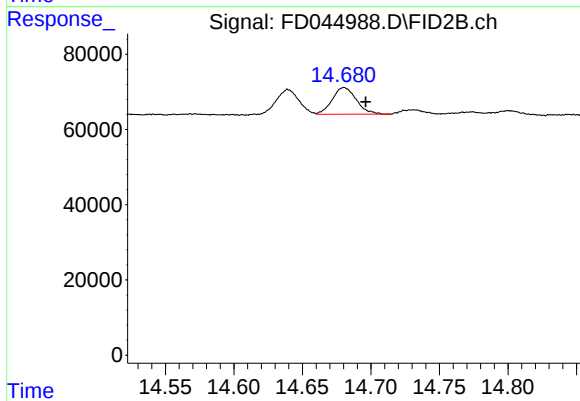
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.011 min
Response: 172299
Conc: 1.10 ug/ml



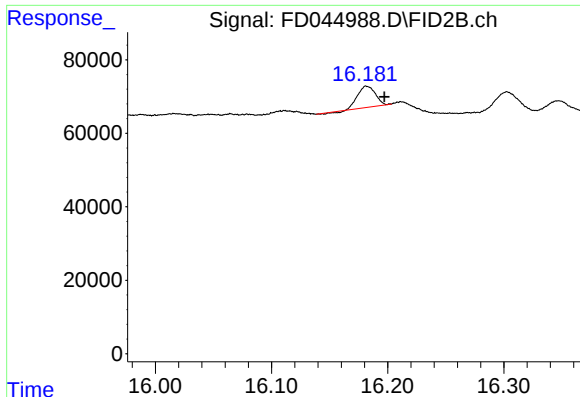
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.014 min
Response: 74106
Conc: 0.52 ug/ml



#15 Chrysene (C27.41)

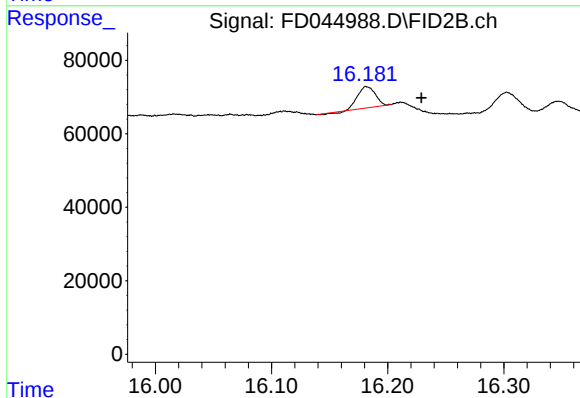
R.T.: 14.681 min
Delta R.T.: -0.016 min
Response: 86858
Conc: 0.59 ug/ml



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

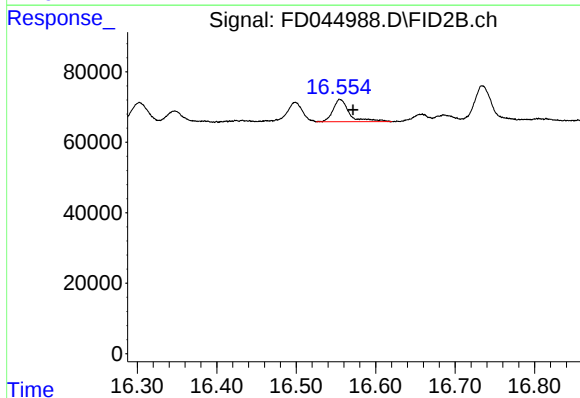
R.T.: 16.182 min
Delta R.T.: -0.015 min
Response: 58793
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



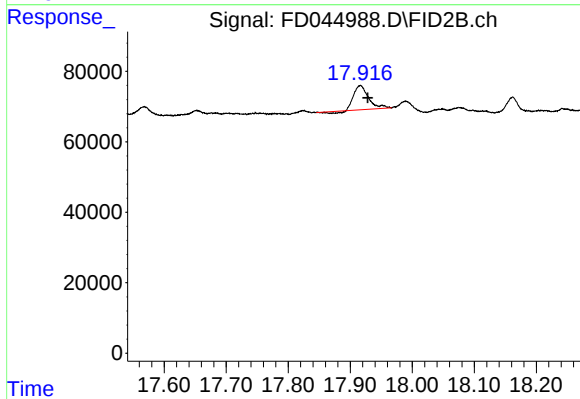
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.182 min
Delta R.T.: -0.047 min
Response: 58793
Conc: 0.41 ug/ml



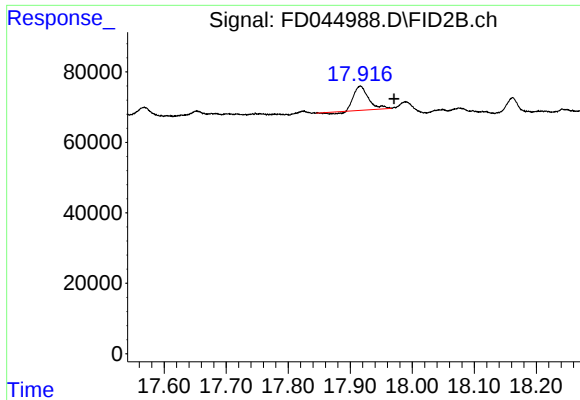
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.016 min
Response: 90505
Conc: 0.65 ug/ml



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

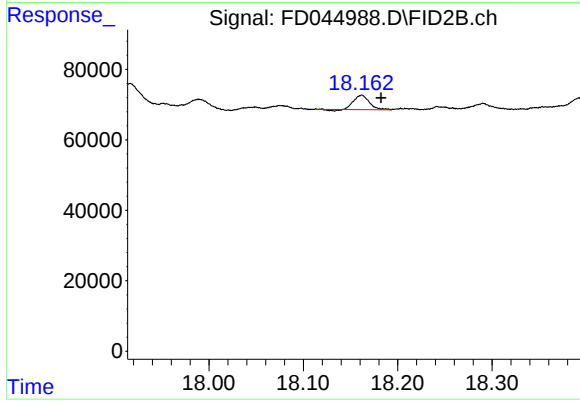
R.T.: 17.916 min
Delta R.T.: -0.012 min
Response: 107731
Conc: 0.80 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.054 min
Response: 107731
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.162 min
Delta R.T.: -0.021 min
Response: 45428
Conc: 0.33 ug/ml