

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044990.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2023 12:45
 Operator : YP/AJ
 Sample : 01465-03
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 10:05:39 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...	7.556	6812661	46.452 ug/ml
Spiked Amount 50.000		Recovery =	92.90%
6) S 2-Fluorobiphenyl (SURR)	8.411	4488733	44.972 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.94%
11) S ortho-Terphenyl (SURR)	11.451	3793051	20.408 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
9) T Phenanthrene (C19.36)	10.675	62238	0.385 ug/ml
12) T Fluoranthene (C21.85)	12.481	128112	0.800 ug/ml
13) T Pyrene (C20.8)	12.776	119920	0.764 ug/ml
14) T Benzo[a]anthracene (C...	14.639	58727	0.411 ug/ml
15) T Chrysene (C27.41)	14.681	80918	0.547 ug/ml
16) T benzo[b]fluoranthene ...	16.183	51085	0.352 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	51085	0.358 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	66877	0.479 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	71256	0.530 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	71256	0.538 ug/ml

(f)=RT Delta > 1/2 Window

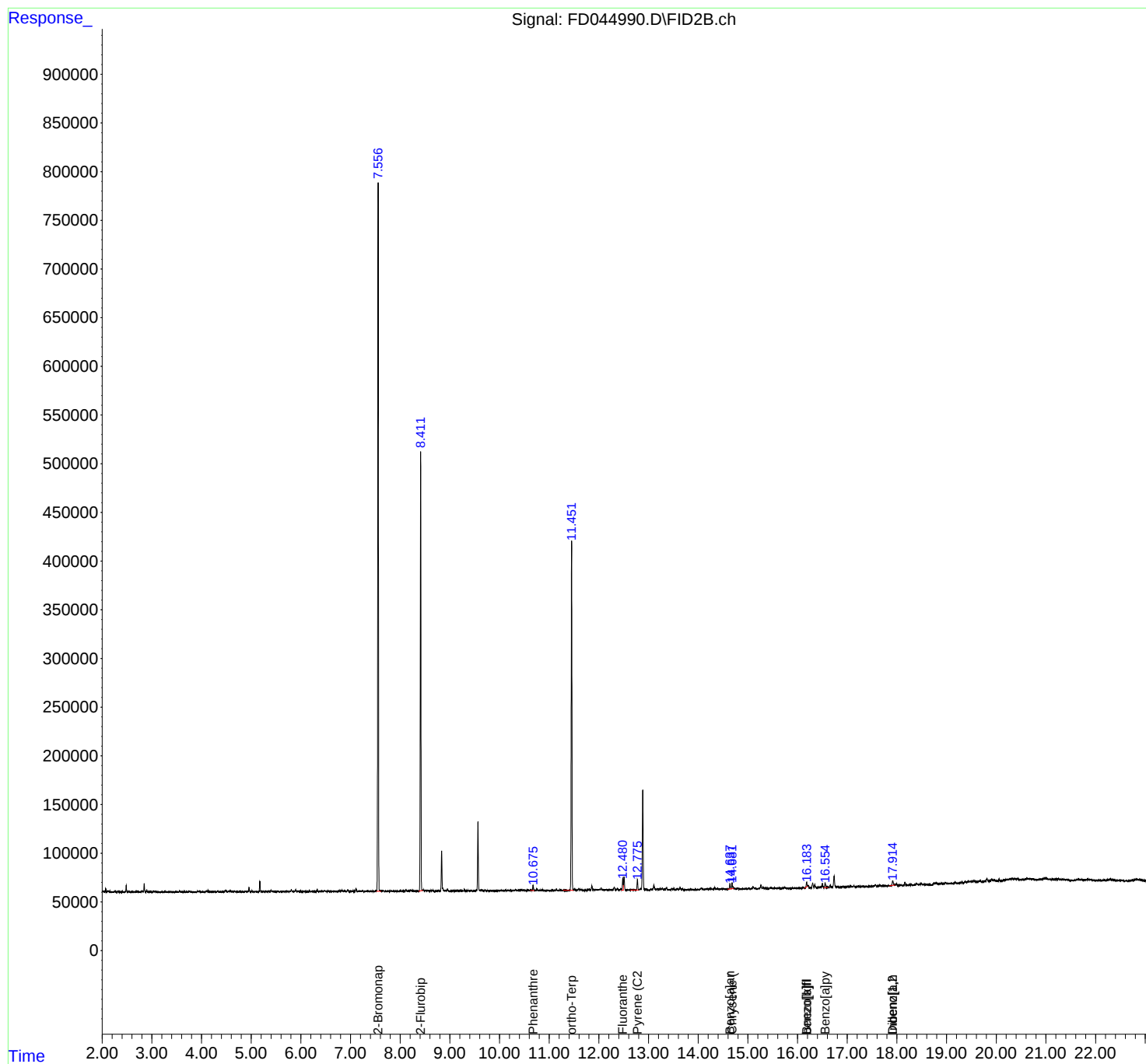
(m)=manual int.

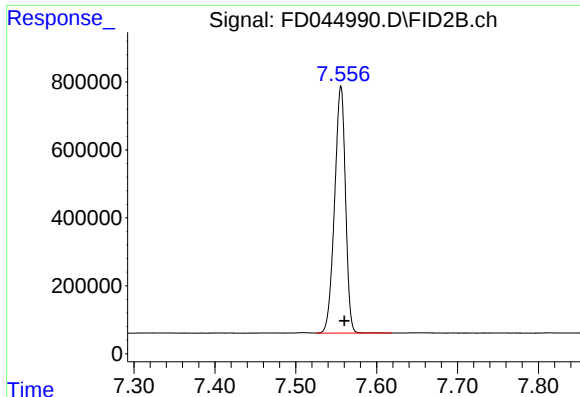
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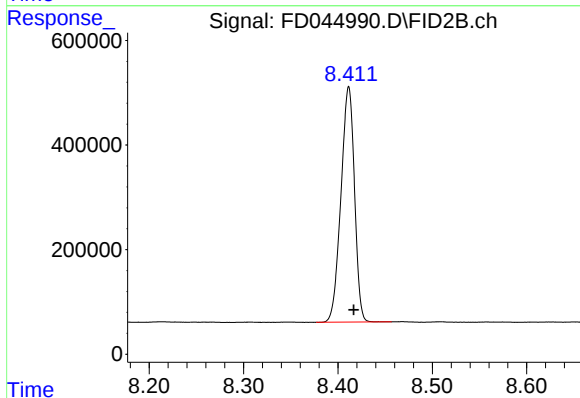




#4 2-Bromonaphthalene (SURRE)

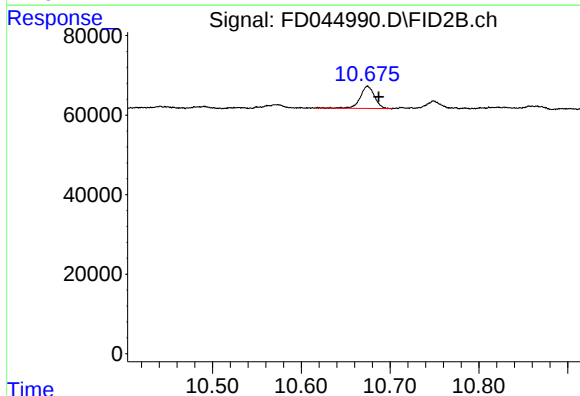
R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6812661
Conc: 46.45 ug/ml

Instrument :
FID_D
ClientSampleId :



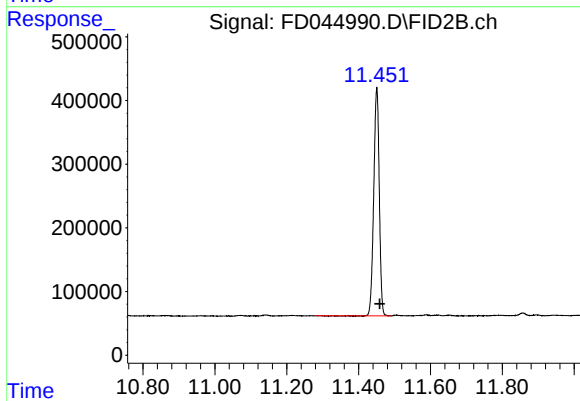
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.411 min
Delta R.T.: -0.005 min
Response: 4488733
Conc: 44.97 ug/ml



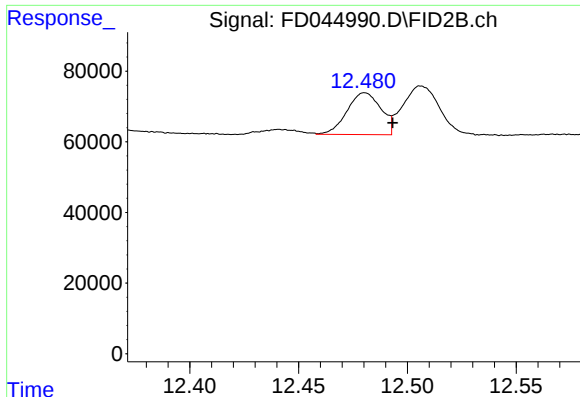
#9 Phenanthrene (C19.36)

R.T.: 10.675 min
Delta R.T.: -0.012 min
Response: 62238
Conc: 0.38 ug/ml



#11 ortho-Terphenyl (SURRE)

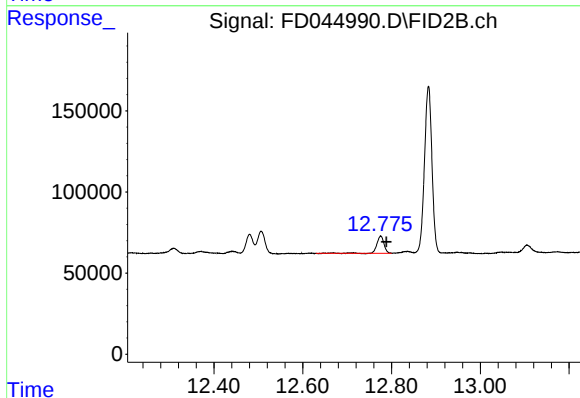
R.T.: 11.451 min
Delta R.T.: -0.009 min
Response: 3793051
Conc: 20.41 ug/ml



#12 Fluoranthene (C21.85)

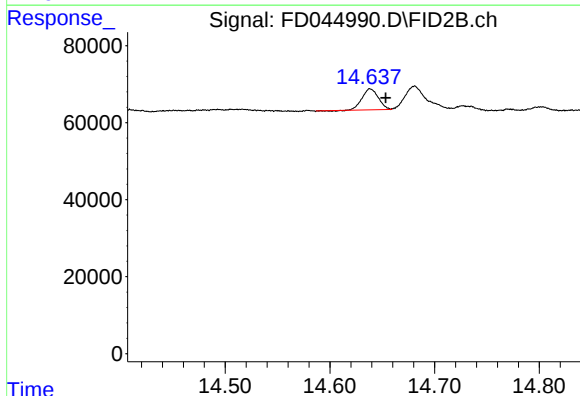
R.T.: 12.481 min
Delta R.T.: -0.013 min
Response: 128112
Conc: 0.80 ug/ml

Instrument :
FID_D
ClientSampleId :



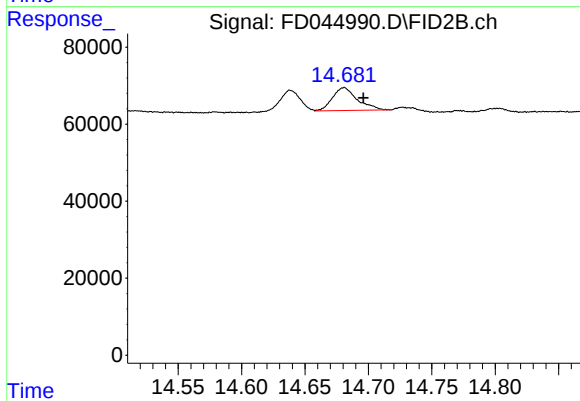
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.013 min
Response: 119920
Conc: 0.76 ug/ml



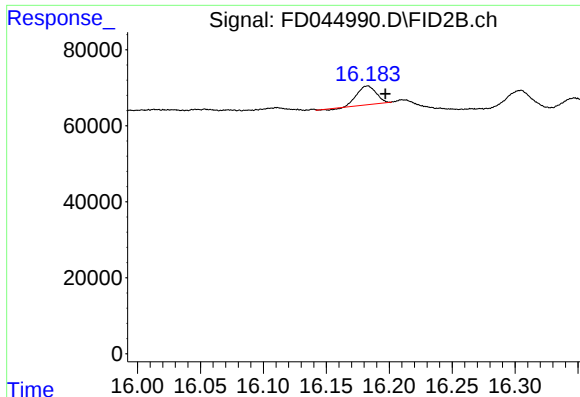
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: -0.015 min
Response: 58727
Conc: 0.41 ug/ml



#15 Chrysene (C27.41)

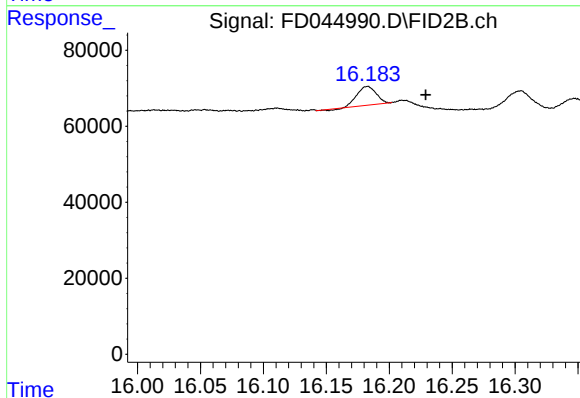
R.T.: 14.681 min
Delta R.T.: -0.015 min
Response: 80918
Conc: 0.55 ug/ml



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

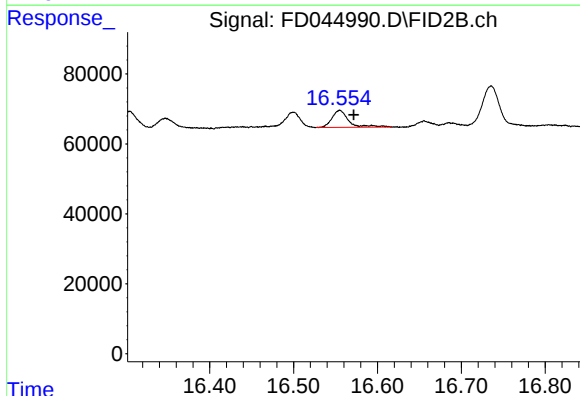
R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 51085
Conc: 0.35 ug/ml

Instrument :
FID_D
ClientSampleId :



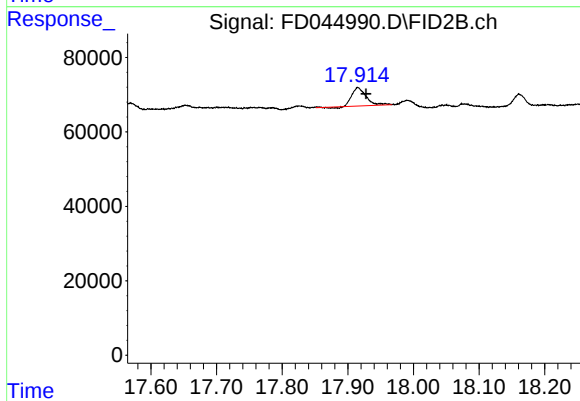
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.046 min
Response: 51085
Conc: 0.36 ug/ml



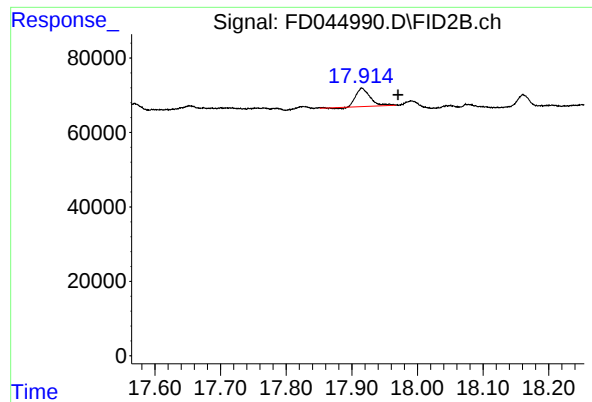
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.017 min
Response: 66877
Conc: 0.48 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.012 min
Response: 71256
Conc: 0.53 ug/ml



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

R.T.: 17.916 min
Delta R.T.: -0.055 min
Response: 71256
Conc: 0.54 ug/ml

Instrument :

FID_D

ClientSampleId :