

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047574.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 05:02
 Operator : YP/AJ
 Sample : P2231-05
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 25 07:28:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.464	9587209	64.128 ug/ml
Spiked Amount 50.000		Recovery =	128.26%
6) S 2-Fluorobiphenyl (SURR)	8.316	6017757	61.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.18%
11) S ortho-Terphenyl (SURR)	11.353	5094555	29.719 ug/ml
Spiked Amount 50.000		Recovery =	59.44%
Target Compounds			
12) T Fluoranthene (C21.85)	12.386	333025	2.253 ug/ml
13) T Pyrene (C20.8)	12.680	256817	1.779 ug/ml
14) T Benzo[a]anthracene (C...	14.546	319179	2.427 ug/ml
15) T Chrysene (C27.41)	14.589	237946	1.687 ug/ml
16) T benzo[b]fluoranthene ...	16.094	211562	1.516 ug/ml
17) T Bnezo[k]fluoranthene ...	16.094	211562	1.521 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	202657	1.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	714310	5.295 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	714310	5.315 ug/ml

(f)=RT Delta > 1/2 Window

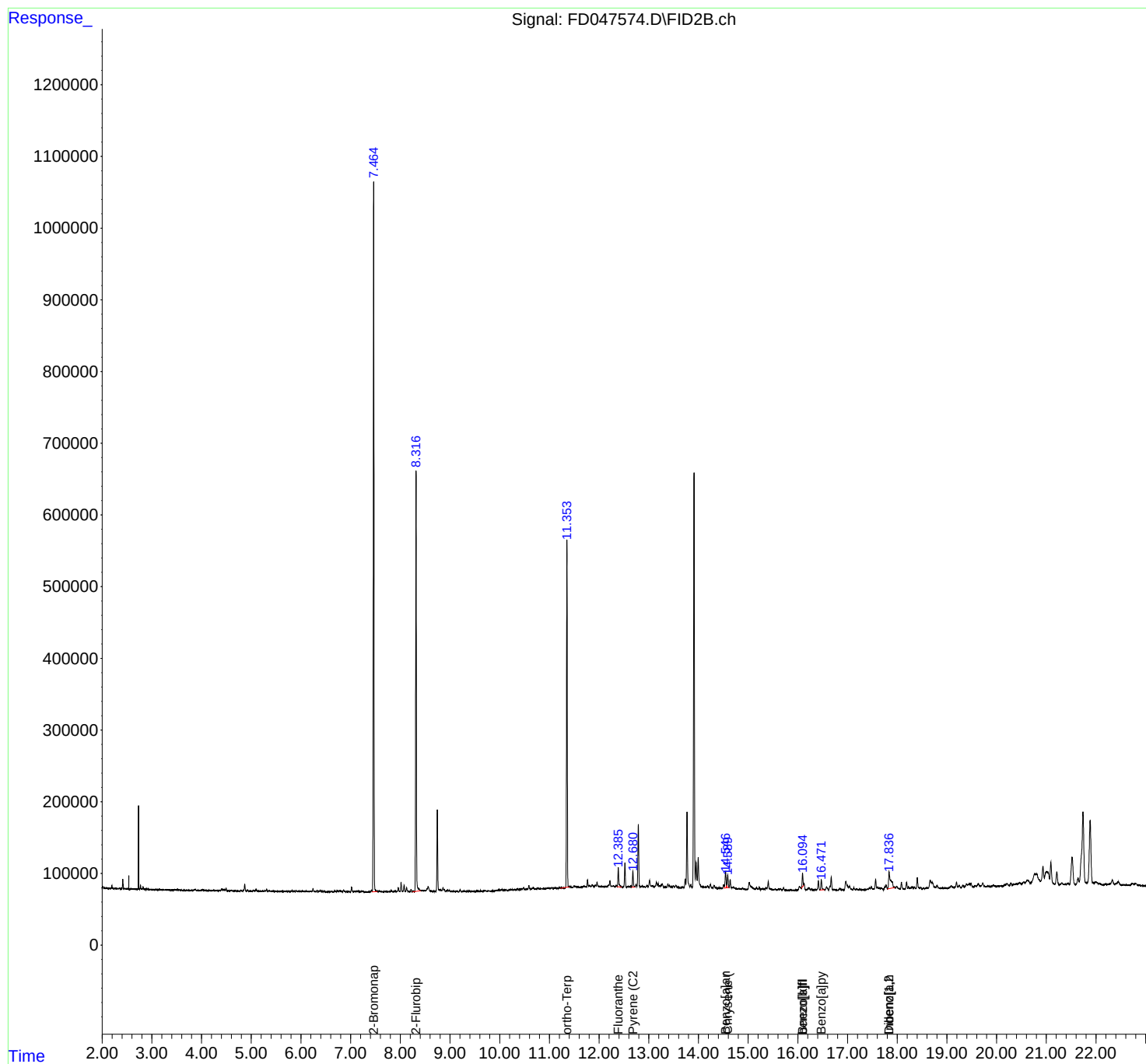
(m)=manual int.

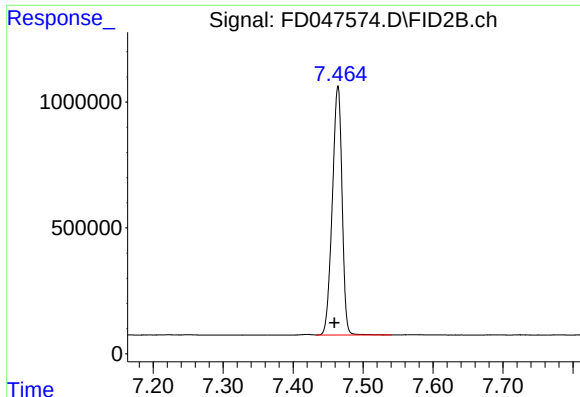
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Signal Info : 20M x 0.18mm x 0.18µm

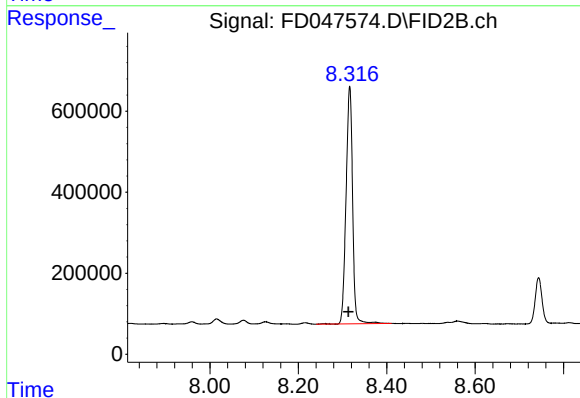




#4 2-Bromonaphthalene (SURR)

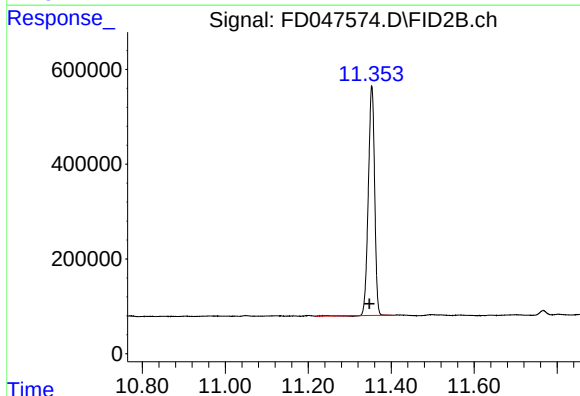
R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 9587209
Conc: 64.13 ug/ml

Instrument :
FID_D
ClientSampleId :



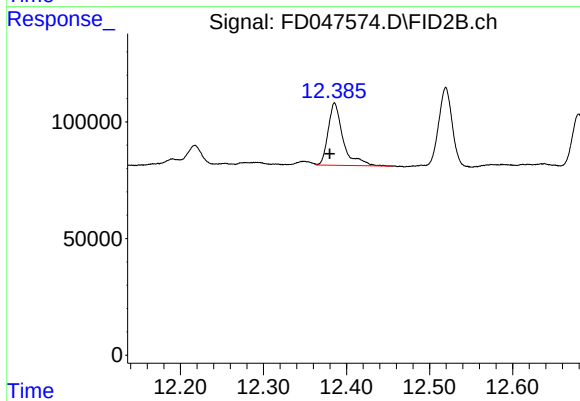
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 6017757
Conc: 61.59 ug/ml



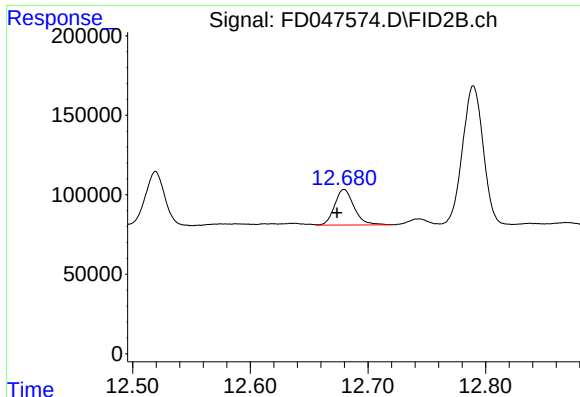
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.005 min
Response: 5094555
Conc: 29.72 ug/ml



#12 Fluoranthene (C21.85)

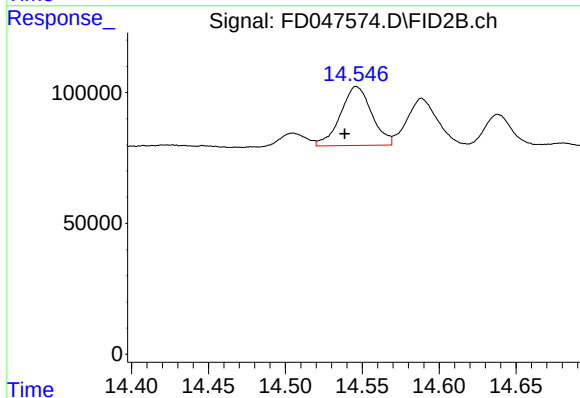
R.T.: 12.386 min
Delta R.T.: 0.006 min
Response: 333025
Conc: 2.25 ug/ml



#13 Pyrene (C20.8)

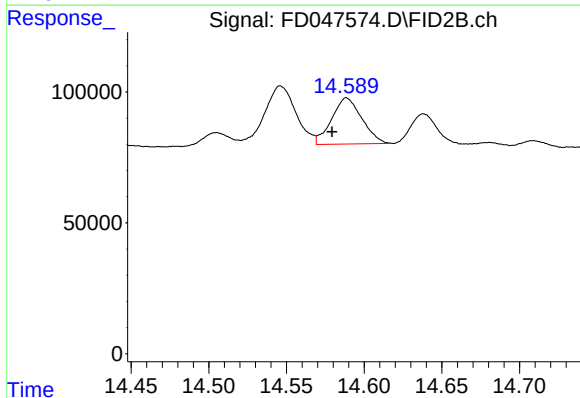
R.T.: 12.680 min
Delta R.T.: 0.006 min
Response: 256817
Conc: 1.78 ug/ml

Instrument :
FID_D
ClientSampleId :



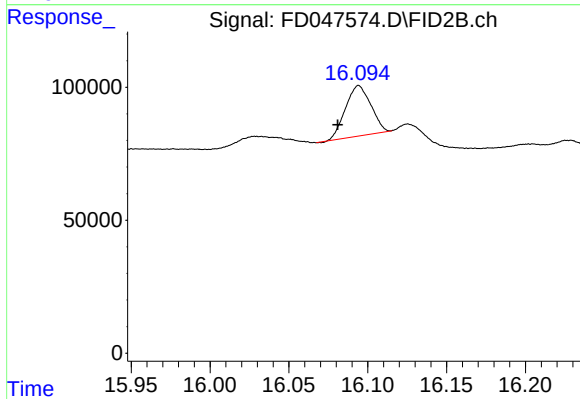
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.008 min
Response: 319179
Conc: 2.43 ug/ml



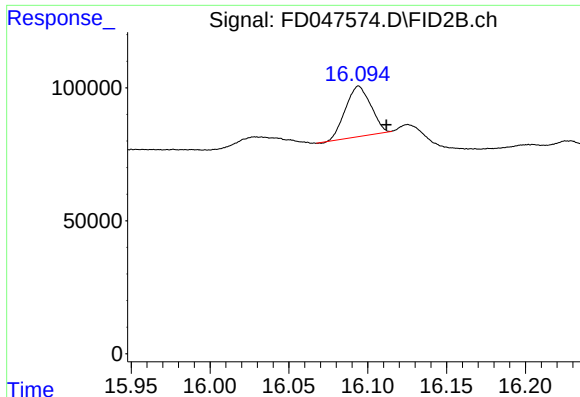
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.010 min
Response: 237946
Conc: 1.69 ug/ml



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

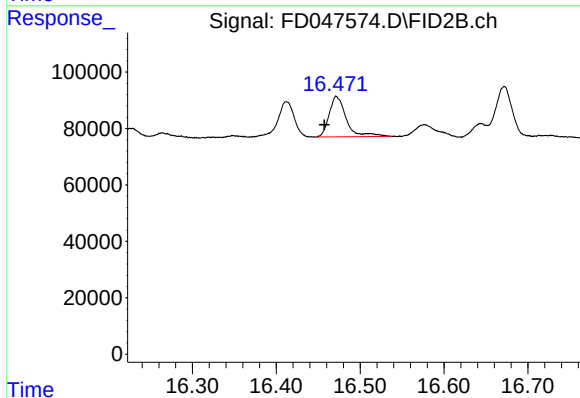
R.T.: 16.094 min
Delta R.T.: 0.013 min
Response: 211562
Conc: 1.52 ug/ml



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

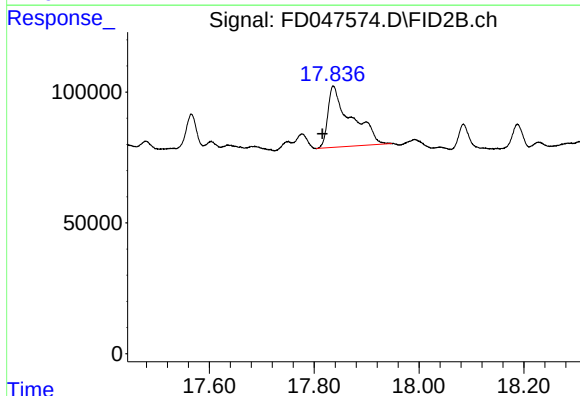
R.T.: 16.094 min
Delta R.T.: -0.017 min
Response: 211562
Conc: 1.52 ug/ml

Instrument :
FID_D
ClientSampleId :



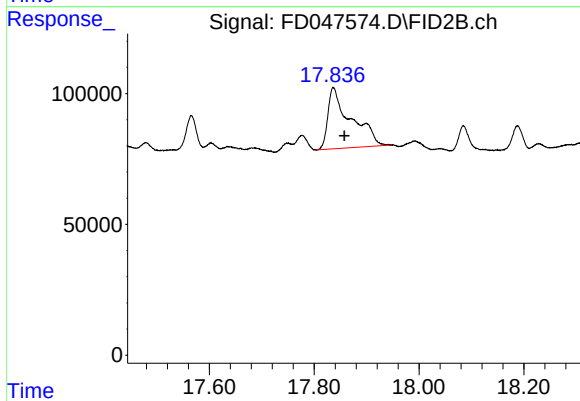
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.015 min
Response: 202657
Conc: 1.48 ug/ml



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

R.T.: 17.837 min
Delta R.T.: 0.021 min
Response: 714310
Conc: 5.30 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.020 min
Response: 714310
Conc: 5.31 ug/ml