

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046934.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 12:38
 Operator : YP/AJ
 Sample : 05449-28D
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 22:51:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.476	5810680	31.861 ug/ml
Spiked Amount 50.000		Recovery =	63.72%
6) S 2-Fluorobiphenyl (SURR)	8.329	2946237	25.035 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.07%
11) S ortho-Terphenyl (SURR)	11.370	10091888	47.658 ug/ml
Spiked Amount 50.000		Recovery =	95.32%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.874	46482	0.231 ug/ml
7) T Acenaphthene (C15.5)	8.389	26952	0.138 ug/ml
9) T Phenanthrene (C19.36)	10.598	37843	0.213 ug/ml
12) T Fluoranthene (C21.85)	12.398	73911	0.428 ug/ml
13) T Pyrene (C20.8)	12.691	60307	0.363 ug/ml
14) T Benzo[a]anthracene (C...	14.557	38703	0.275 ug/ml
15) T Chrysene (C27.41)	14.598	62874	0.403 ug/ml
16) T benzo[b]fluoranthene ...	16.099	46535	0.325 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	45693	0.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	41749	0.298 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	118441	0.938 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	117495	0.841 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	60104	0.430 ug/ml

(f)=RT Delta > 1/2 Window

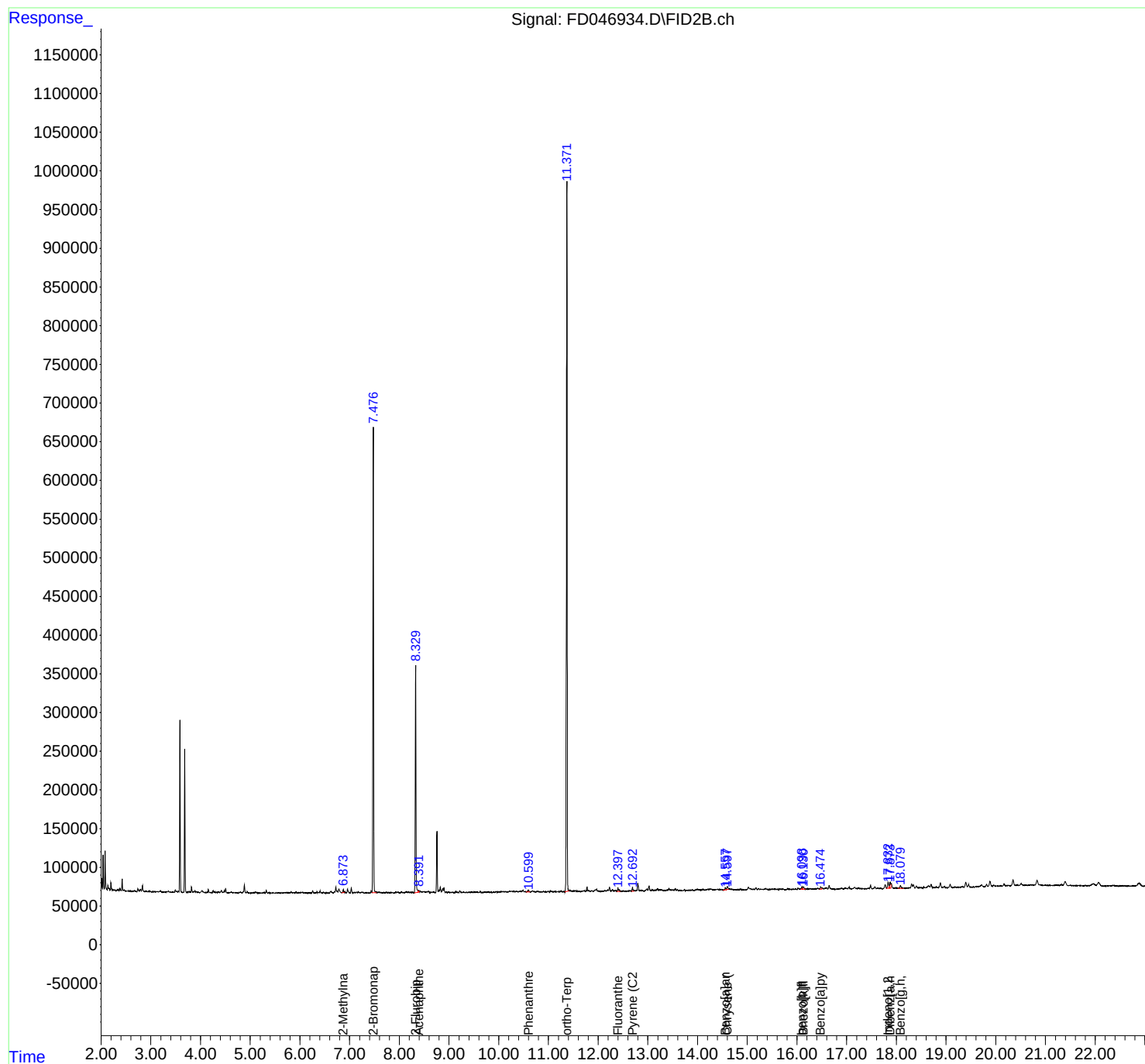
(m)=manual int.

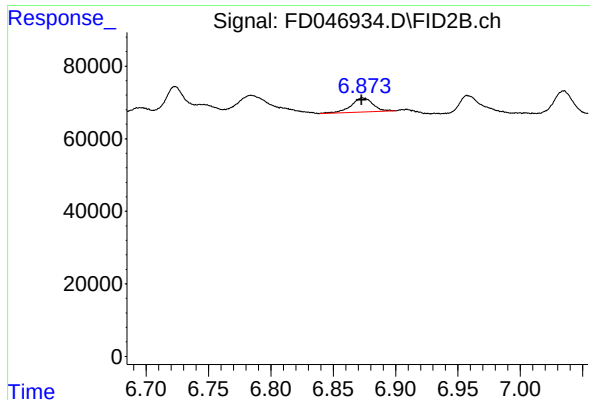
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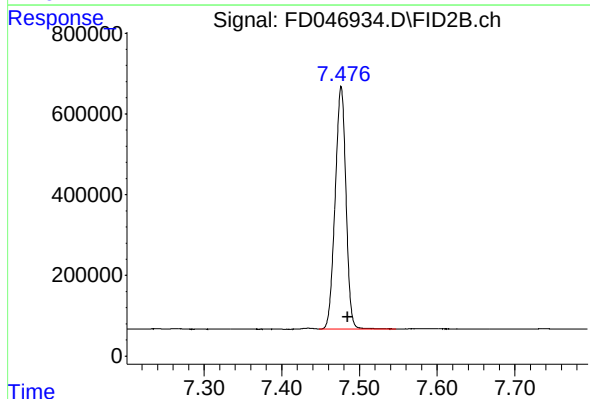




#3 2-Methylnaphthalene (C12.89)

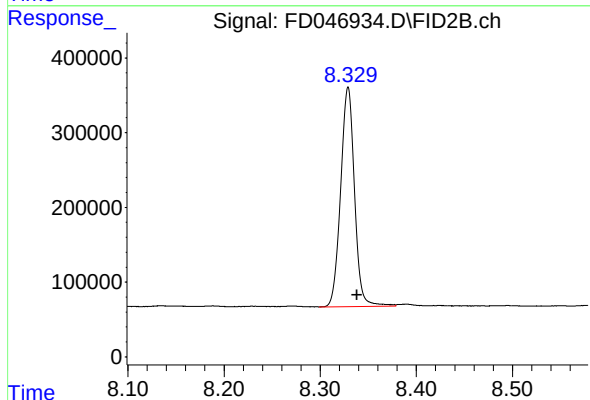
R.T.: 6.874 min
Delta R.T.: 0.001 min
Response: 46482
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



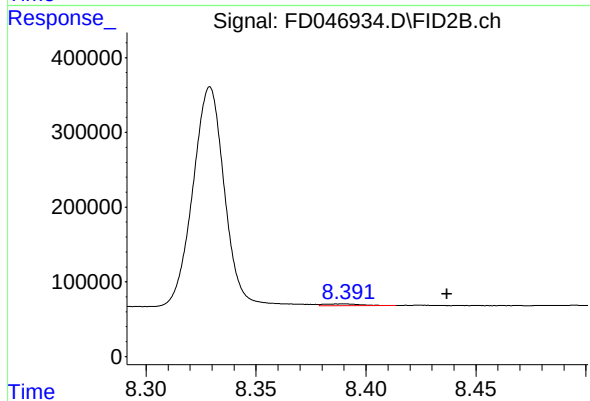
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.008 min
Response: 5810680
Conc: 31.86 ug/ml



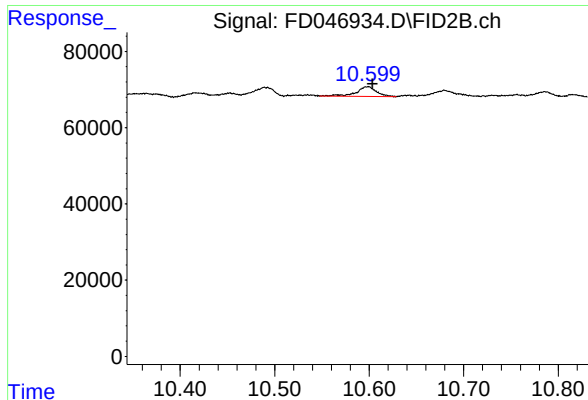
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.009 min
Response: 2946237
Conc: 25.04 ug/ml



#7 Acenaphthene (C15.5)

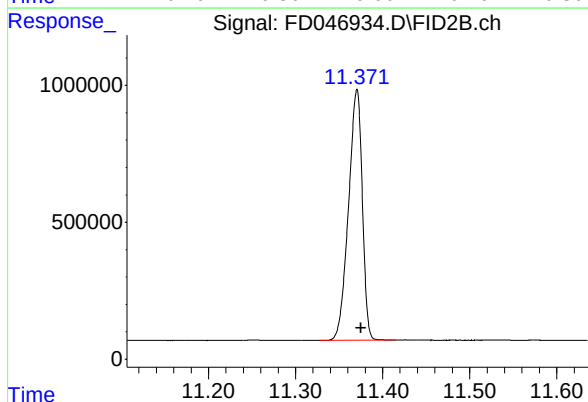
R.T.: 8.389 min
Delta R.T.: -0.048 min
Response: 26952
Conc: 0.14 ug/ml



#9 Phenanthrene (C19.36)

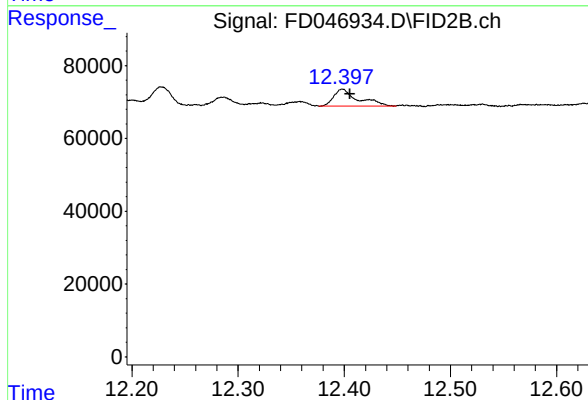
R.T.: 10.598 min
Delta R.T.: -0.005 min
Response: 37843
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



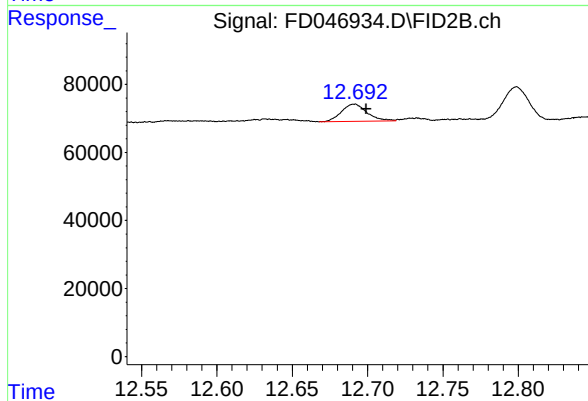
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 10091888
Conc: 47.66 ug/ml



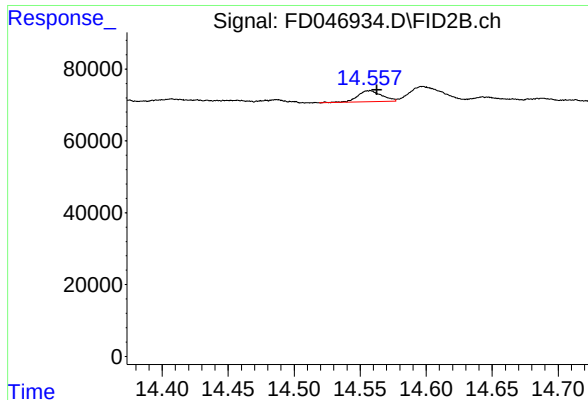
#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: -0.007 min
Response: 73911
Conc: 0.43 ug/ml



#13 Pyrene (C20.8)

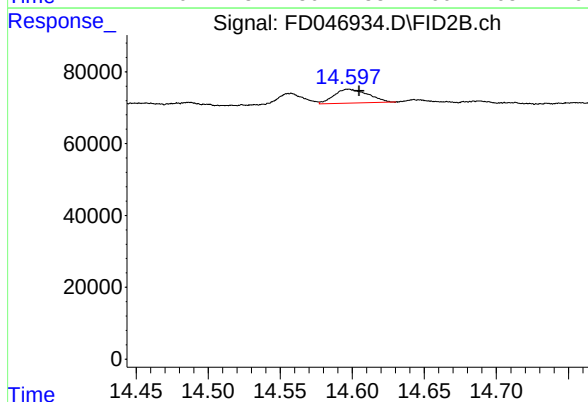
R.T.: 12.691 min
Delta R.T.: -0.008 min
Response: 60307
Conc: 0.36 ug/ml



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

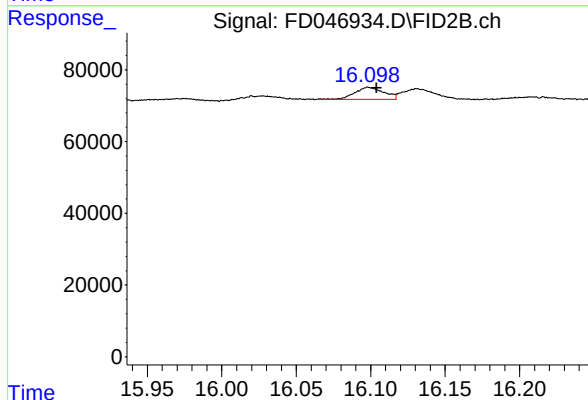
R.T.: 14.557 min
Delta R.T.: -0.006 min
Response: 38703
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



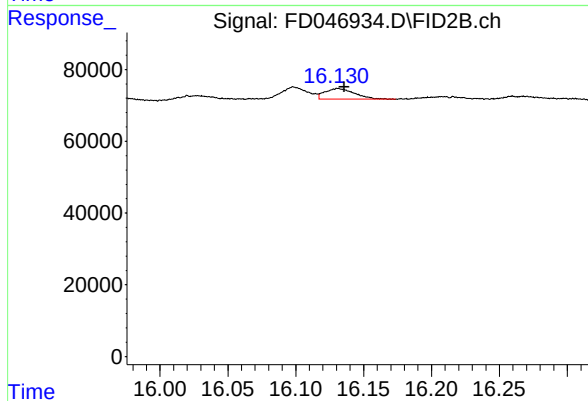
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: -0.007 min
Response: 62874
Conc: 0.40 ug/ml



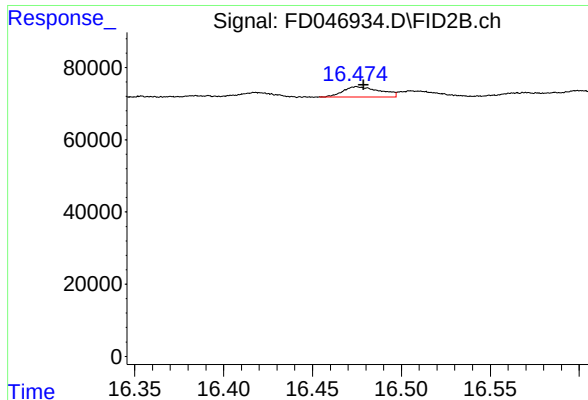
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: -0.005 min
Response: 46535
Conc: 0.33 ug/ml



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

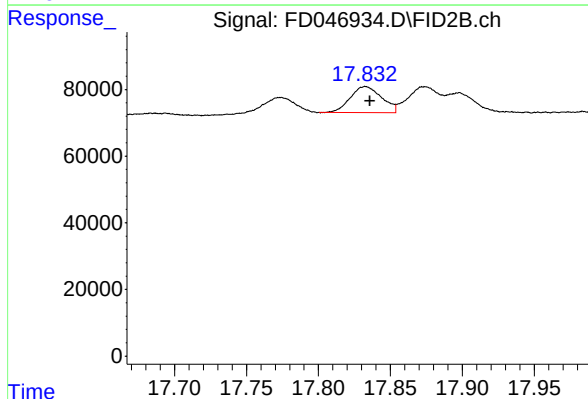
R.T.: 16.131 min
Delta R.T.: -0.004 min
Response: 45693
Conc: 0.31 ug/ml



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

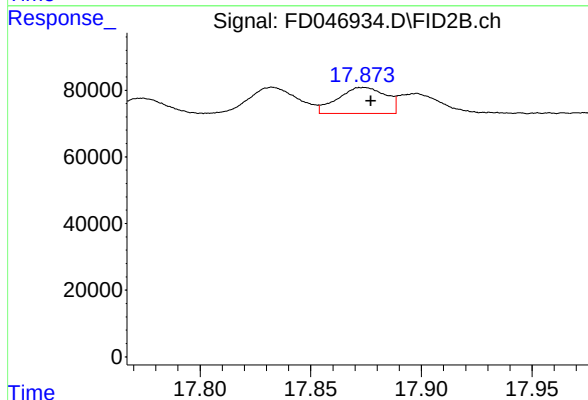
R.T.: 16.476 min
Delta R.T.: -0.003 min
Response: 41749
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



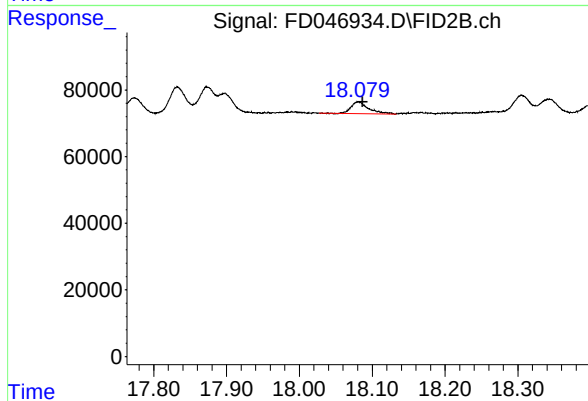
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.003 min
Response: 118441
Conc: 0.94 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.003 min
Response: 117495
Conc: 0.84 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.006 min
Response: 60104
Conc: 0.43 ug/ml