

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048912.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 20:41
 Operator : YP/AJ
 Sample : PB165783BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165783BSD

Integration File: autoint1.e
 Quant Time: Dec 21 04:08:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 Response via : Initial Calibration
 Integrator: ChemStation

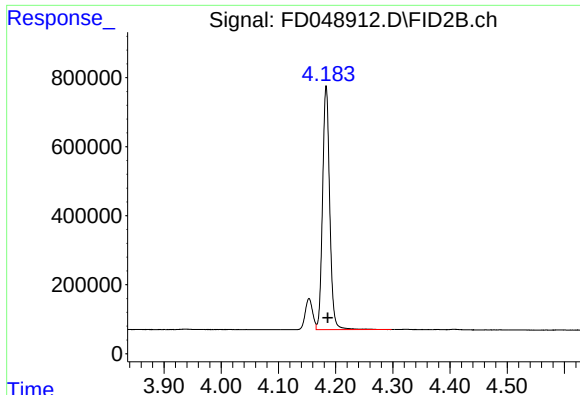
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.361	8428726	50.041 ug/ml
Spiked Amount 50.000		Recovery =	100.08%
6) S 2-Fluorobiphenyl (SURR)	8.211	5304572	51.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.69%
11) S ortho-Terphenyl (SURR)	11.247	7752647	43.637 ug/ml
Spiked Amount 50.000		Recovery =	87.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	6135011	32.403 ug/ml
2) T Naphthalene (C11.7)	5.701	8093589	42.356 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	8558383	46.317 ug/ml
5) T Acenaphthylene (C15.06)	8.014	9552726	51.185 ug/ml
7) T Acenaphthene (C15.5)	8.310	10553374	56.666 ug/ml
8) T Flouorene (C16.55)	9.089	10661175	59.663 ug/ml
9) T Phenanthrene (C19.36)	10.477	10550303	63.166 ug/ml
10) T Anthracene (C19.43)	10.554	10662107	62.821 ug/ml
12) T Fluoranthene (C21.85)	12.283	10670552	65.189 ug/ml
13) T Pyrene (C20.8)	12.577	11075919	68.100 ug/ml
14) T Benzo[a]anthracene (C...	14.446	9562297	72.382 ug/ml
15) T Chrysene (C27.41)	14.490	9568501	59.270 ug/ml
16) T benzo[b]fluoranthene ...	15.996	9587096	71.212 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	9632422	63.238 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	9208037	66.576 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	9443962	88.618 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	9007052	62.106 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	8882255	63.351 ug/ml

(f)=RT Delta > 1/2 Window

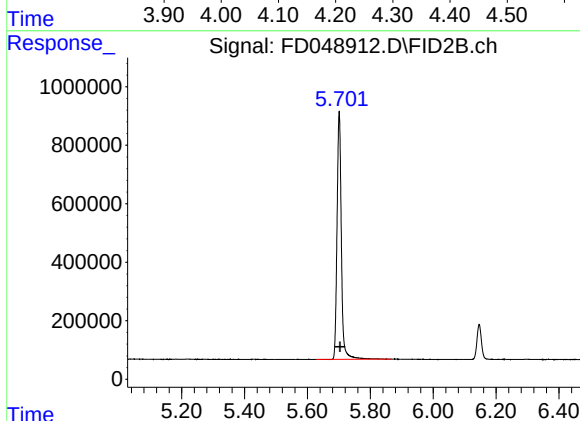
(m)=manual int.



#1 1,2,3-Trimethylbenzene (C10.1)

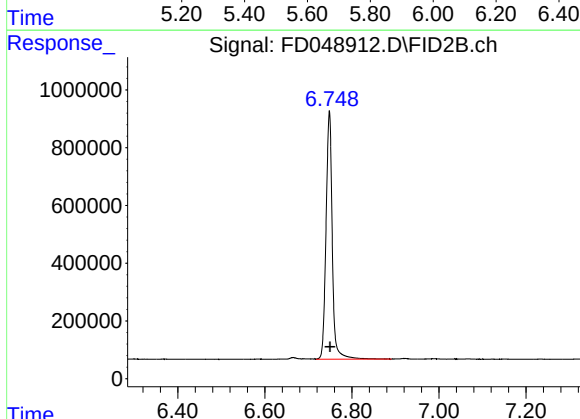
R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 6135011
Conc: 32.40 ug/ml

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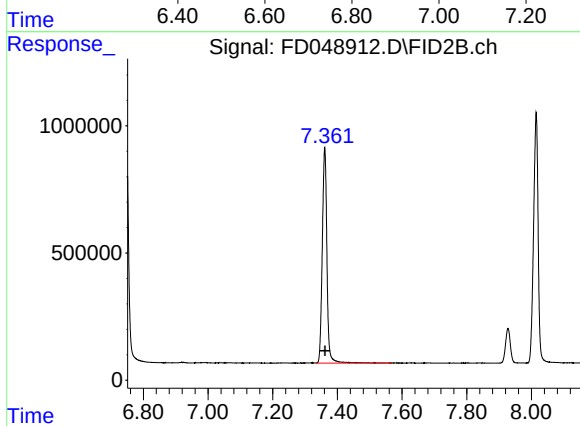
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 8093589
Conc: 42.36 ug/ml



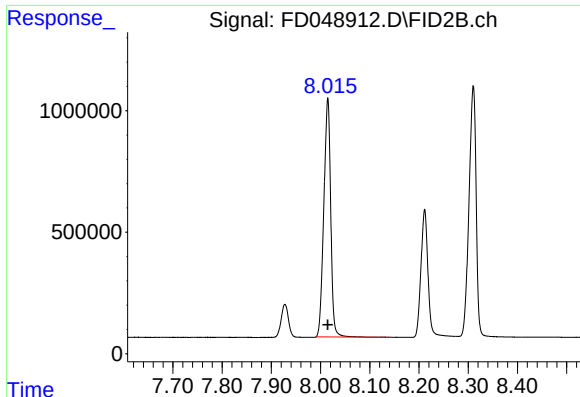
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 8558383
Conc: 46.32 ug/ml



#4 2-Bromonaphthalene (SURR)

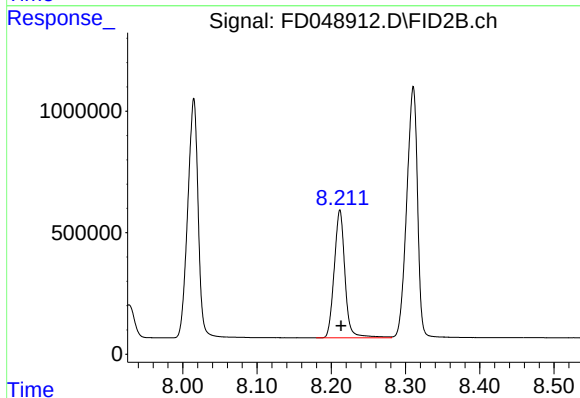
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8428726
Conc: 50.04 ug/ml



#5 Acenaphthylene (C15.06)

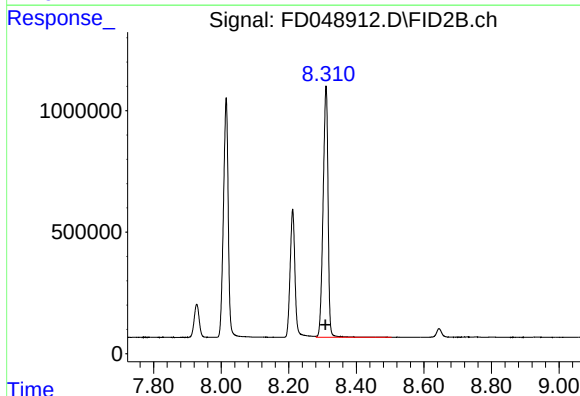
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 9552726
Conc: 51.18 ug/ml

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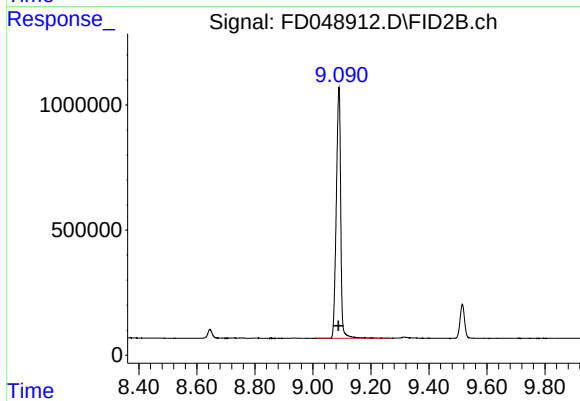
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 5304572
Conc: 51.35 ug/ml



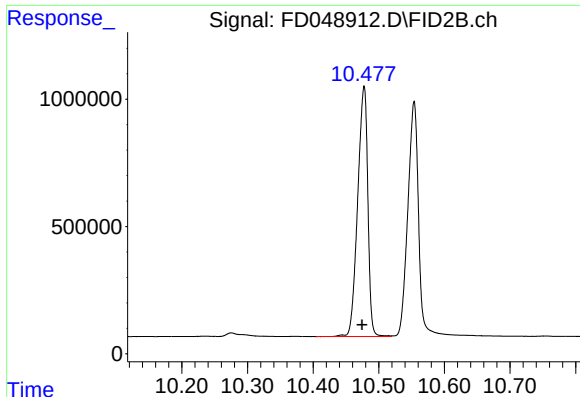
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: 0.002 min
Response: 10553374
Conc: 56.67 ug/ml



#8 Fluorene (C16.55)

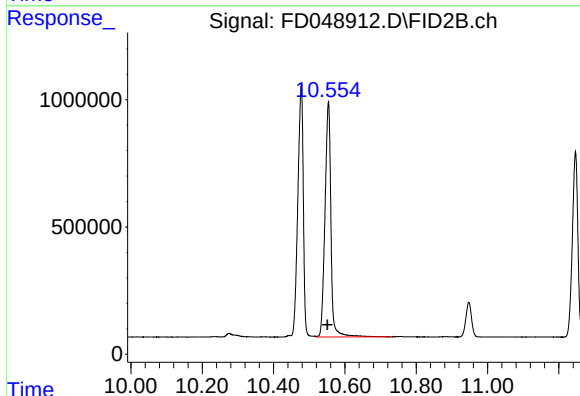
R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 10661175
Conc: 59.66 ug/ml



#9 Phenanthrene (C19.36)

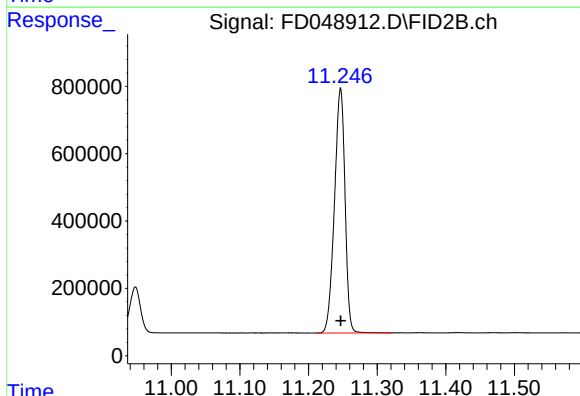
R.T.: 10.477 min
Delta R.T.: 0.002 min
Response: 10550303
Conc: 63.17 ug/ml

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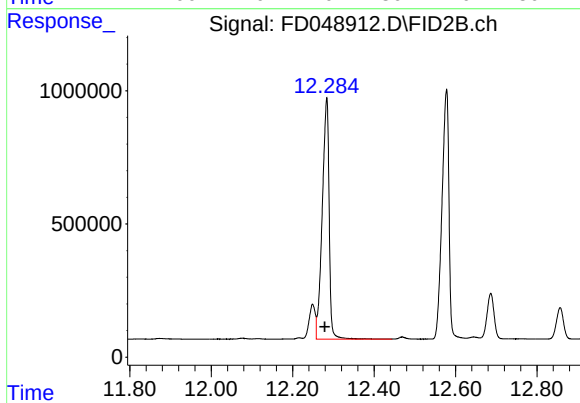
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.002 min
Response: 10662107
Conc: 62.82 ug/ml



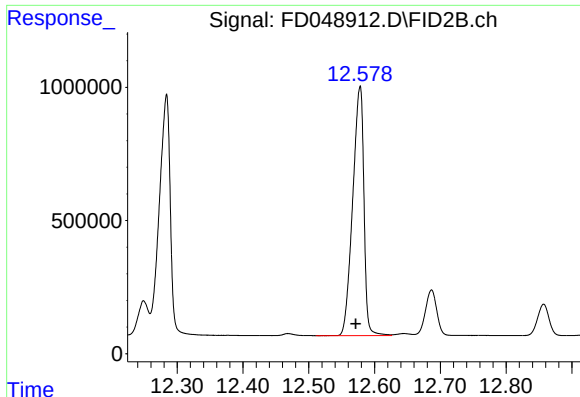
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 7752647
Conc: 43.64 ug/ml



#12 Fluoranthene (C21.85)

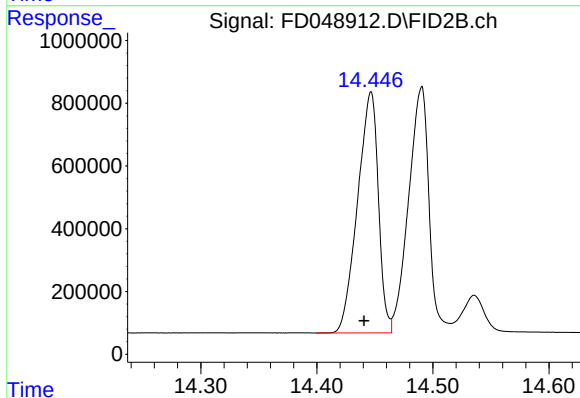
R.T.: 12.283 min
Delta R.T.: 0.005 min
Response: 10670552
Conc: 65.19 ug/ml



#13 Pyrene (C20.8)

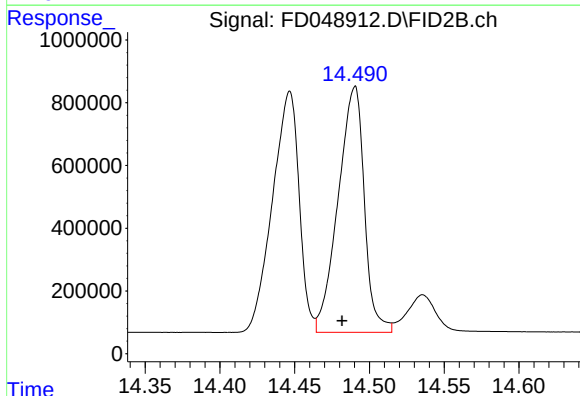
R.T.: 12.577 min
Delta R.T.: 0.006 min
Response: 11075919
Conc: 68.10 ug/ml

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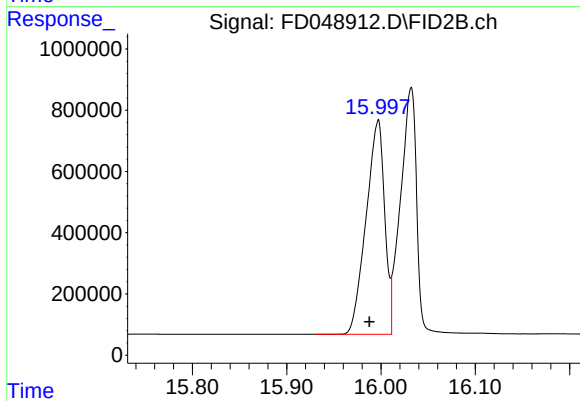
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.006 min
Response: 9562297
Conc: 72.38 ug/ml



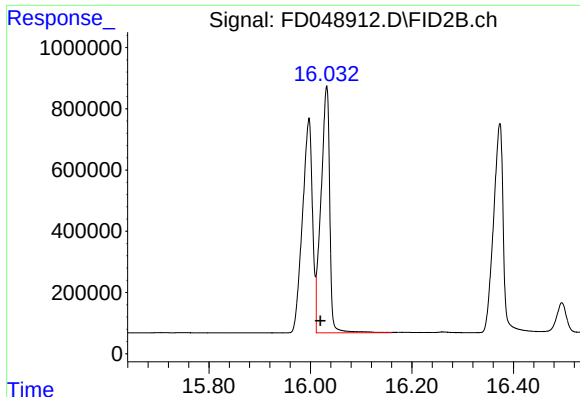
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: 0.008 min
Response: 9568501
Conc: 59.27 ug/ml



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

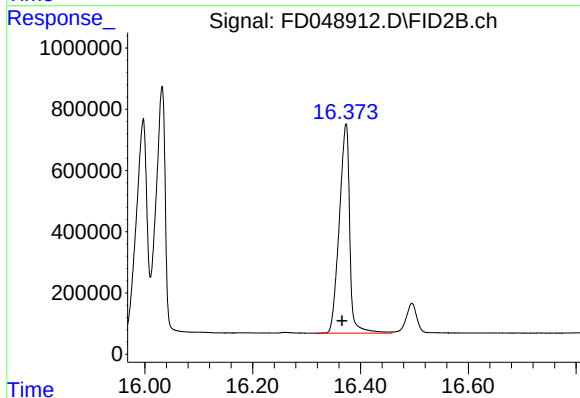
R.T.: 15.996 min
Delta R.T.: 0.009 min
Response: 9587096
Conc: 71.21 ug/ml



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

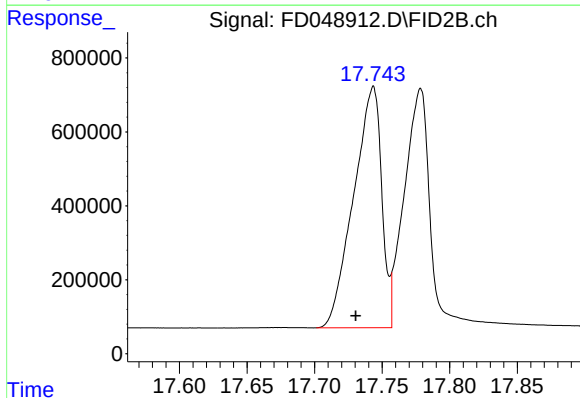
R.T.: 16.031 min
Delta R.T.: 0.012 min
Response: 9632422
Conc: 63.24 ug/ml

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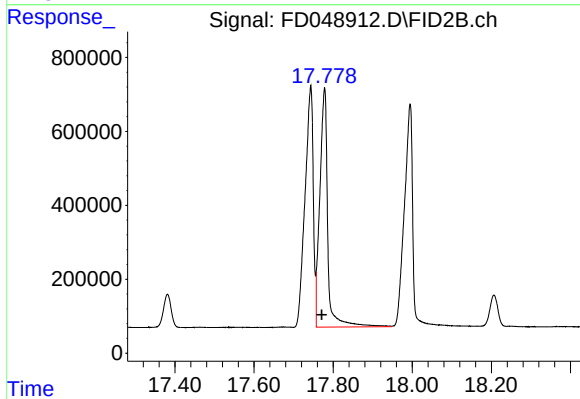
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: 0.006 min
Response: 9208037
Conc: 66.58 ug/ml



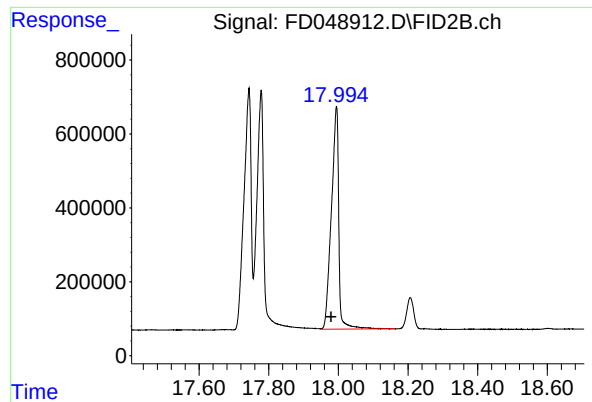
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.012 min
Response: 9443962
Conc: 88.62 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.006 min
Response: 9007052
Conc: 62.11 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.015 min
Response: 8882255
Conc: 63.35 ug/ml

Instrument :

FID_D

ClientSampleId :

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