

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046356.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 12:16
 Operator : YP/AJ
 Sample : PB154946BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 21 15:40:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

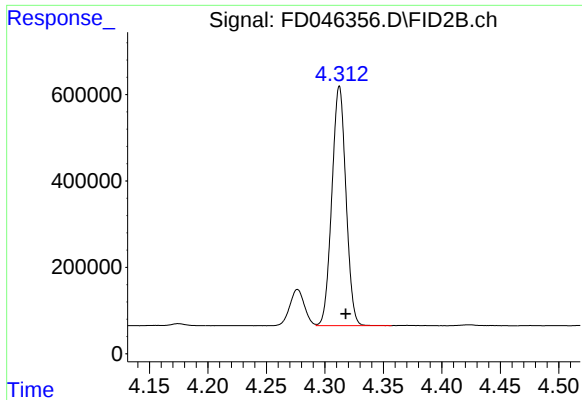
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.500	7337859	47.148 ug/ml
Spiked Amount 50.000		Recovery =	94.30%
6) S 2-Fluorobiphenyl (SURR)	8.354	3394796	33.170 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.34%
11) S ortho-Terphenyl (SURR)	11.393	8307047	43.302 ug/ml
Spiked Amount 50.000		Recovery =	86.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	4646385	26.129 ug/ml
2) T Naphthalene (C11.7)	5.839	5560632	30.171 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	6065976	33.339 ug/ml
5) T Acenaphthylene (C15.06)	8.159	7044438	42.495 ug/ml
7) T Acenaphthene (C15.5)	8.454	6646996	37.422 ug/ml
8) T Fluorene (C16.55)	9.233	7307187	42.858 ug/ml
9) T Phenanthrene (C19.36)	10.622	7396343	43.978 ug/ml
10) T Anthracene (C19.43)	10.698	7277095	48.894 ug/ml
12) T Fluoranthene (C21.85)	12.427	7524691	46.043 ug/ml
13) T Pyrene (C20.8)	12.722	7536258	47.173 ug/ml
14) T Benzo[a]anthracene (C...	14.587	6947077	49.057 ug/ml
15) T Chrysene (C27.41)	14.631	6938099	47.310 ug/ml
16) T benzo[b]fluoranthene ...	16.129	6531465	48.131 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	6528310	49.379 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	6156225	48.534 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.863	6059656	48.435 ug/ml
20) T Dibenz[a,h]anthracene...	17.904	5856252	46.138 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	5792075	45.574 ug/ml

(f)=RT Delta > 1/2 Window

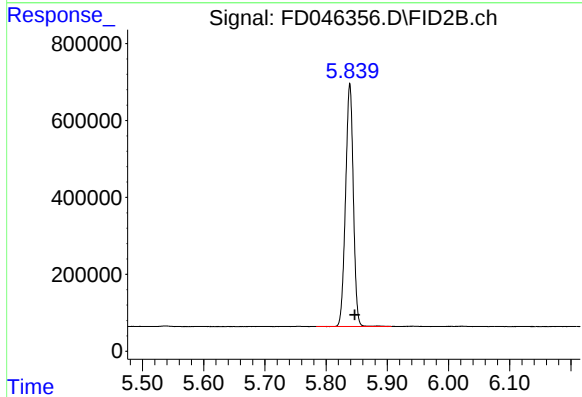
(m)=manual int.



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

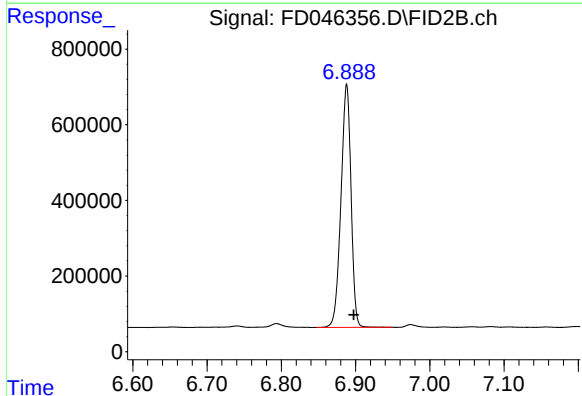
R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 4646385
Conc: 26.13 ug/ml

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FID_D
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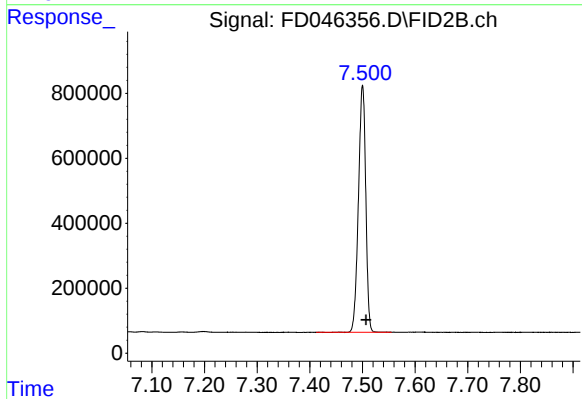
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 5560632
Conc: 30.17 ug/ml



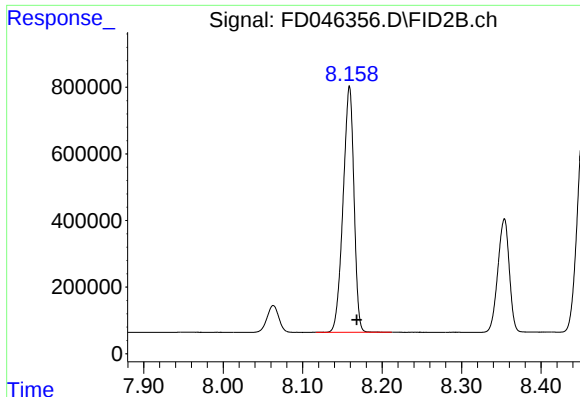
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.010 min
Response: 6065976
Conc: 33.34 ug/ml



#4 2-Bromonaphthalene (SURR)

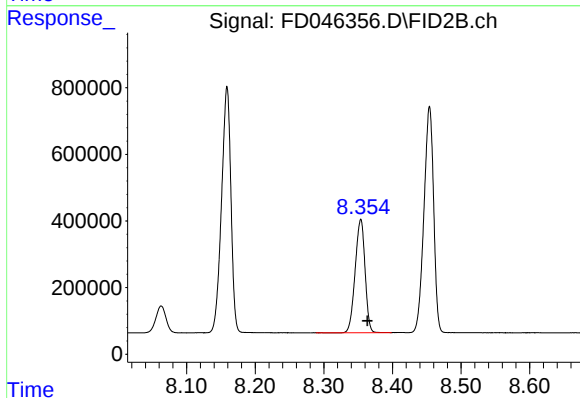
R.T.: 7.500 min
Delta R.T.: -0.007 min
Response: 7337859
Conc: 47.15 ug/ml



#5 Acenaphthylene (C15.06)

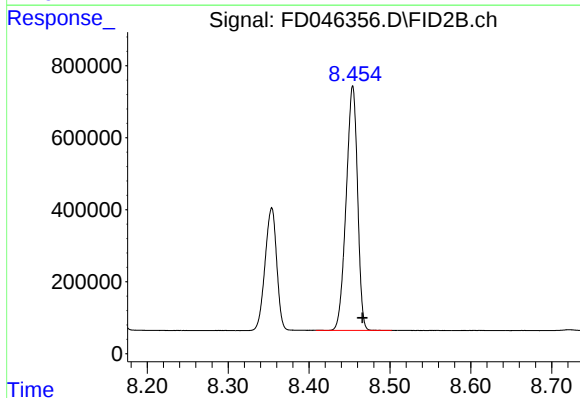
R.T.: 8.159 min
Delta R.T.: -0.009 min
Response: 7044438
Conc: 42.50 ug/ml

Instrument :
FID_D
ClientSampleId :



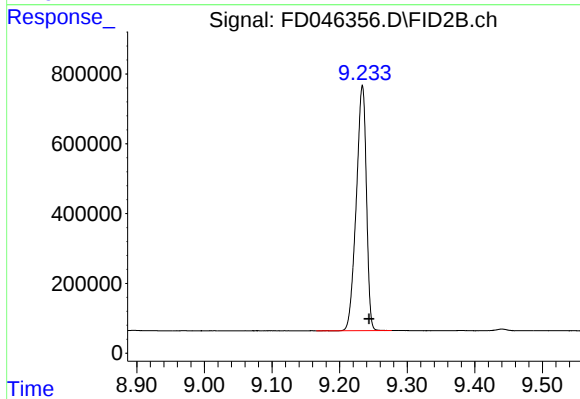
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.354 min
Delta R.T.: -0.010 min
Response: 3394796
Conc: 33.17 ug/ml



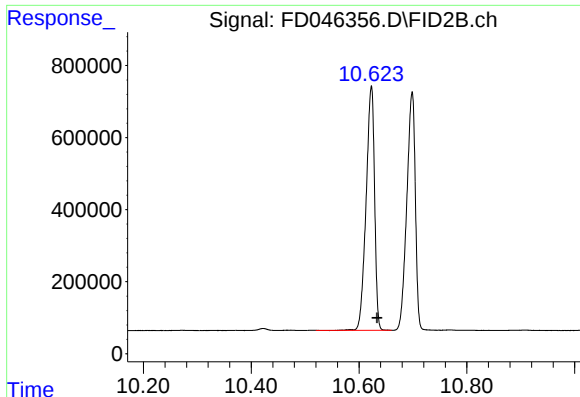
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.012 min
Response: 6646996
Conc: 37.42 ug/ml



#8 Fluorene (C16.55)

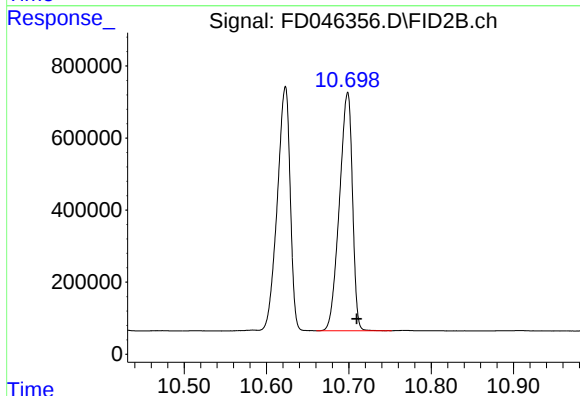
R.T.: 9.233 min
Delta R.T.: -0.010 min
Response: 7307187
Conc: 42.86 ug/ml



#9 Phenanthrene (C19.36)

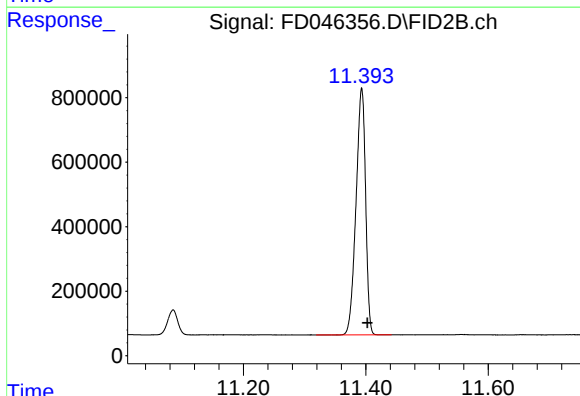
R.T.: 10.622 min
Delta R.T.: -0.011 min
Response: 7396343
Conc: 43.98 ug/ml

Instrument :
FID_D
ClientSampleId :



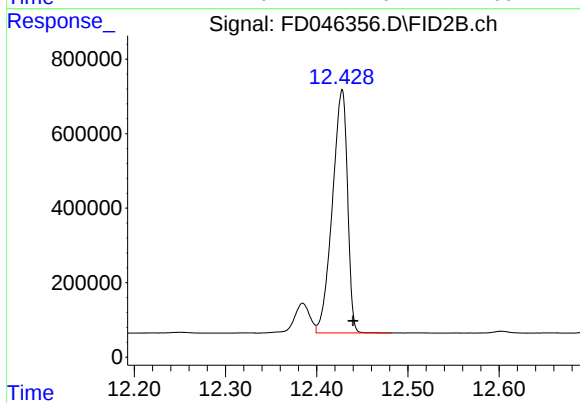
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.011 min
Response: 7277095
Conc: 48.89 ug/ml



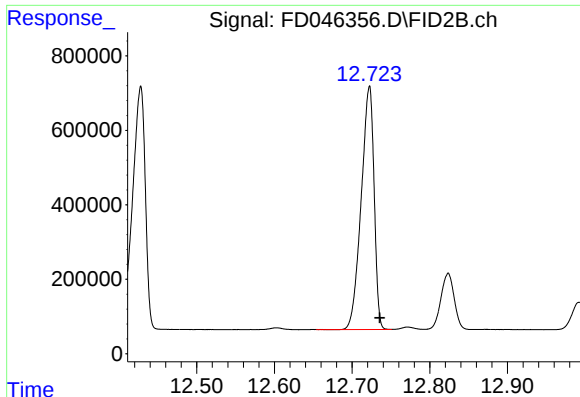
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.010 min
Response: 8307047
Conc: 43.30 ug/ml



#12 Fluoranthene (C21.85)

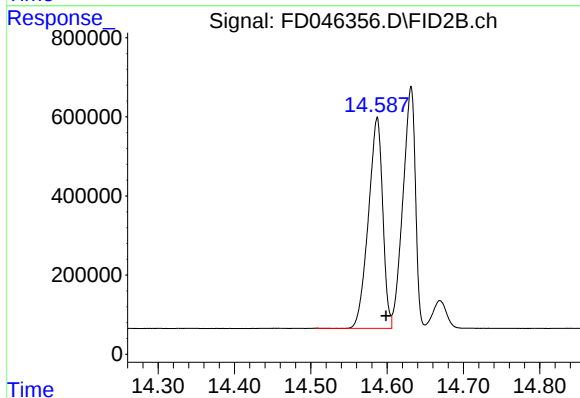
R.T.: 12.427 min
Delta R.T.: -0.013 min
Response: 7524691
Conc: 46.04 ug/ml



#13 Pyrene (C20.8)

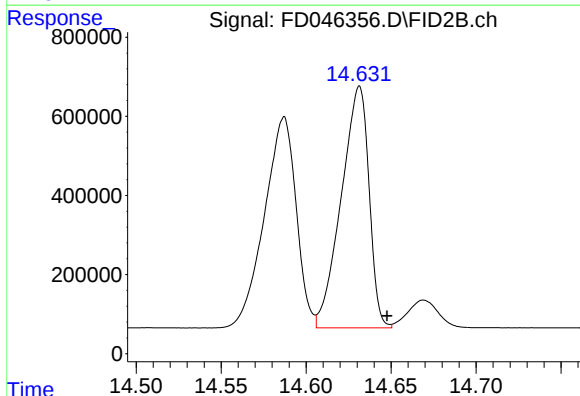
R.T.: 12.722 min
Delta R.T.: -0.014 min
Response: 7536258
Conc: 47.17 ug/ml

Instrument :
FID_D
ClientSampleId :



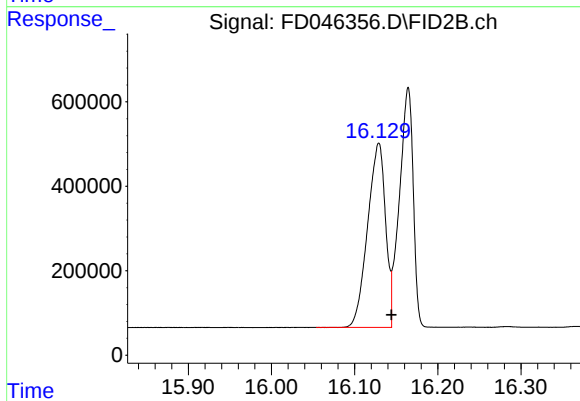
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: -0.012 min
Response: 6947077
Conc: 49.06 ug/ml



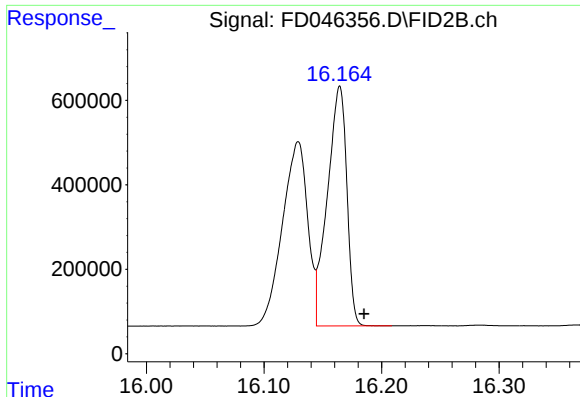
#15 Chrysene (C27.41)

R.T.: 14.631 min
Delta R.T.: -0.017 min
Response: 6938099
Conc: 47.31 ug/ml



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

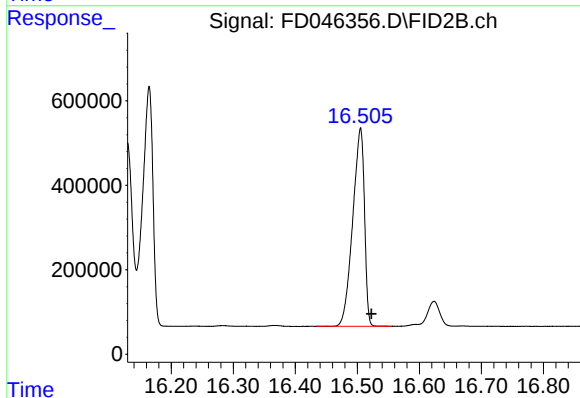
R.T.: 16.129 min
Delta R.T.: -0.016 min
Response: 6531465
Conc: 48.13 ug/ml



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

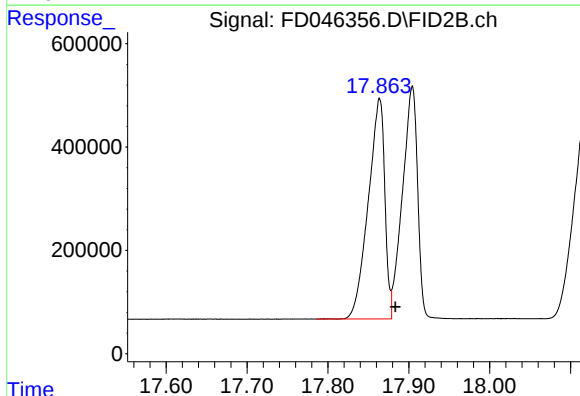
R.T.: 16.164 min
Delta R.T.: -0.021 min
Response: 6528310
Conc: 49.38 ug/ml

Instrument :
FID_D
ClientSampleId :



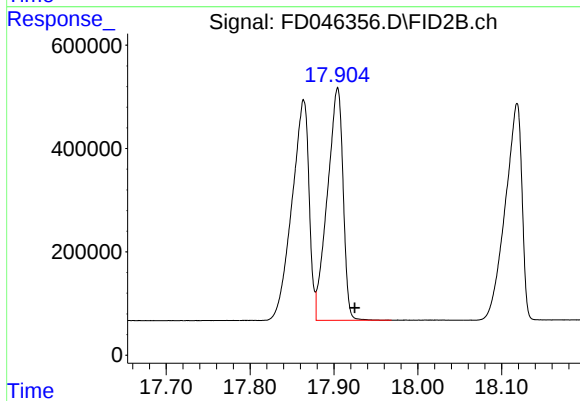
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: -0.018 min
Response: 6156225
Conc: 48.53 ug/ml



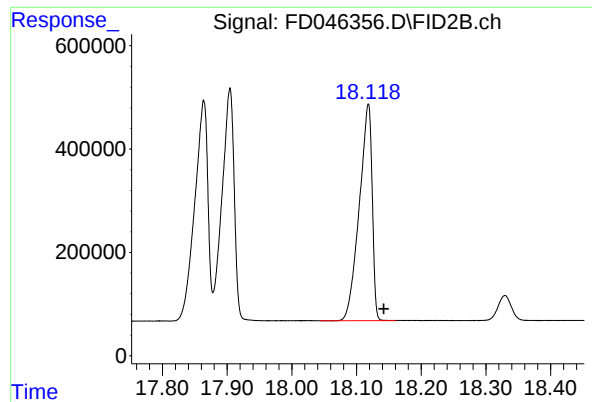
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.863 min
Delta R.T.: -0.020 min
Response: 6059656
Conc: 48.43 ug/ml



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

R.T.: 17.904 min
Delta R.T.: -0.021 min
Response: 5856252
Conc: 46.14 ug/ml



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

R.T.: 18.118 min
Delta R.T.: -0.024 min
Response: 5792075
Conc: 45.57 ug/ml

Instrument :

FID_D

ClientSampleId :