

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046026.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 11:34
 Operator : YP/AJ
 Sample : PB153795BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153795BS

Integration File: autoint1.e
 Quant Time: Jun 29 02:14:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

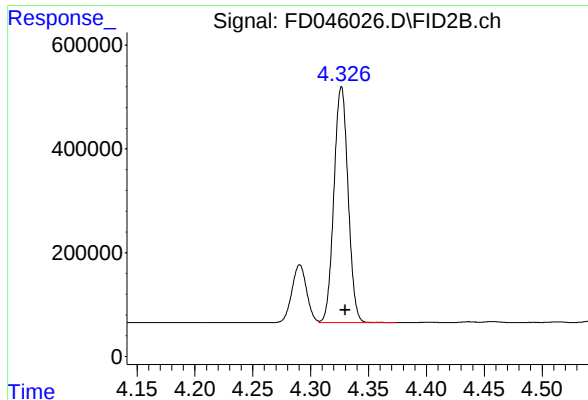
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.518	6688692	31.038 ug/ml
Spiked Amount 50.000		Recovery =	62.08%
6) S 2-Fluorobiphenyl (SURR)	8.372	2823631	20.402 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.80%
11) S ortho-Terphenyl (SURR)	11.414	7679381	30.291 ug/ml
Spiked Amount 50.000		Recovery =	60.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	3870027	15.536 ug/ml
2) T Naphthalene (C11.7)	5.856	4638082	18.180 ug/ml
3) T 2-Methylnaphthalene (...)	6.905	4745773	18.825 ug/ml
5) T Acenaphthylene (C15.06)	8.178	6058599	27.894 ug/ml
7) T Acenaphthene (C15.5)	8.473	5637173	23.915 ug/ml
8) T Fluorene (C16.55)	9.253	6788674	30.004 ug/ml
9) T Phenanthrene (C19.36)	10.643	6628854	31.067 ug/ml
10) T Anthracene (C19.43)	10.718	6389214	40.211 ug/ml
12) T Fluoranthene (C21.85)	12.449	6947086	33.946 ug/ml
13) T Pyrene (C20.8)	12.744	6656577	34.235 ug/ml
14) T Benzo[a]anthracene (C...	14.609	6750138	37.533 ug/ml
15) T Chrysene (C27.41)	14.653	6900977	35.160 ug/ml
16) T benzo[b]fluoranthene ...	16.154	7133254	38.033 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	6828865	34.523 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.529	6272340	36.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	6680177	35.894 ug/ml
20) T Dibenz[a,h]anthracene...	17.931	6720285	36.552 ug/ml
21) T Benzo[g,h,i]perylene ...	18.145	6799701	36.391 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

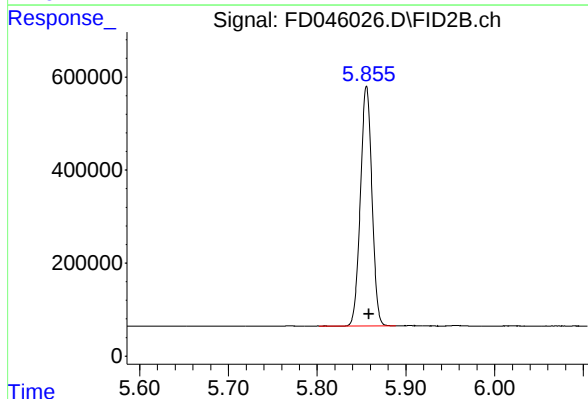
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#1 1,2,3-Trimethylbenzene (C10.1)

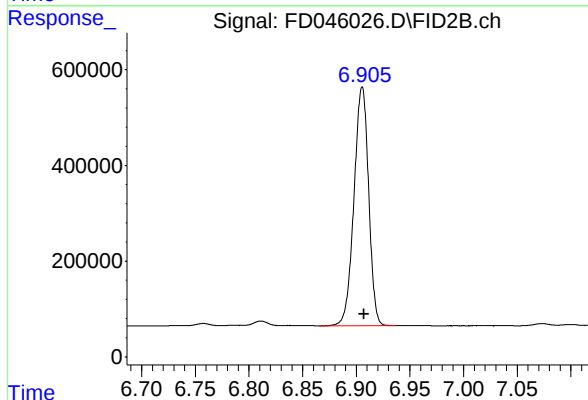
R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 3870027
Conc: 15.54 ug/ml

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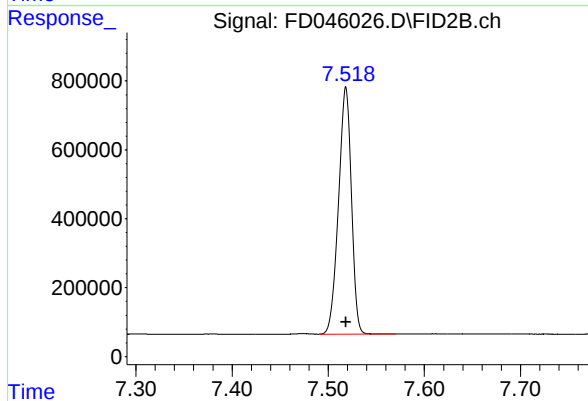
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 4638082
Conc: 18.18 ug/ml



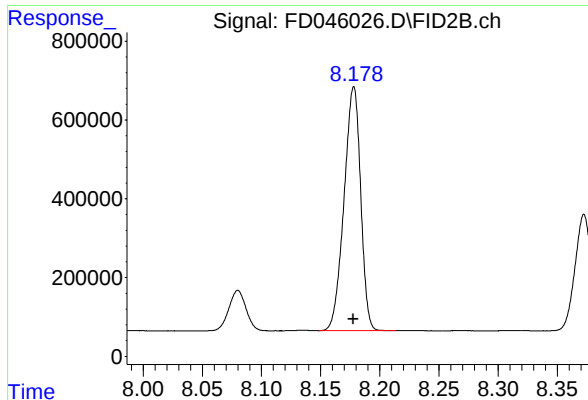
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 4745773
Conc: 18.83 ug/ml



#4 2-Bromonaphthalene (SURR)

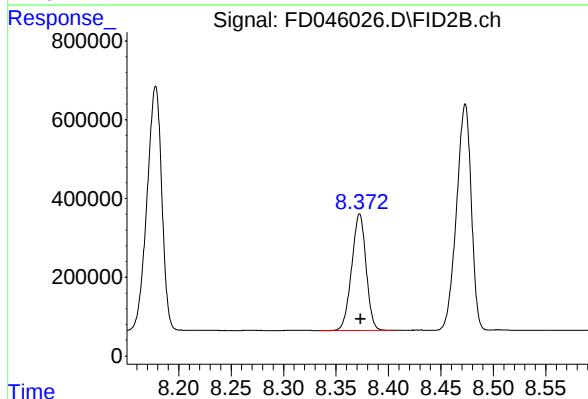
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 6688692
Conc: 31.04 ug/ml



#5 Acenaphthylene (C15.06)

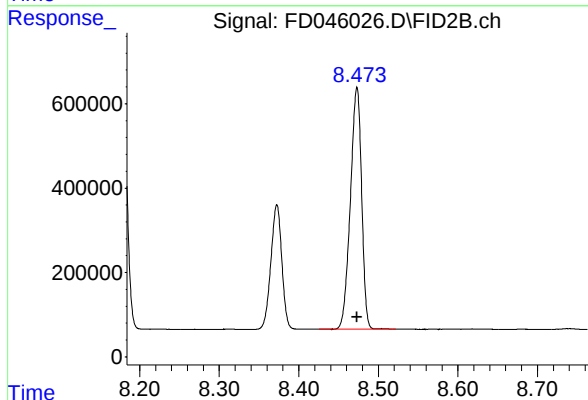
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 6058599
Conc: 27.89 ug/ml

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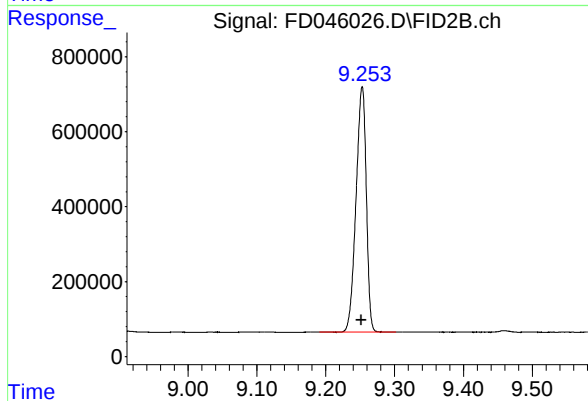
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min
Delta R.T.: -0.001 min
Response: 2823631
Conc: 20.40 ug/ml



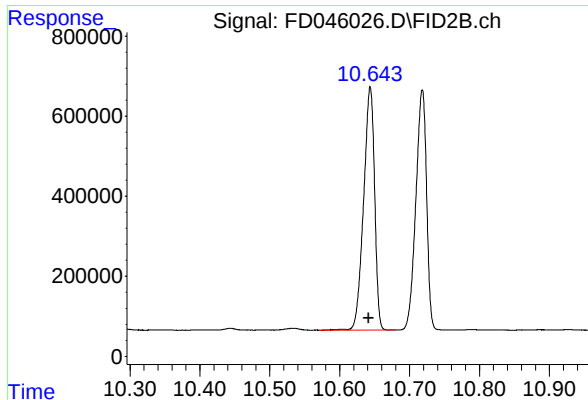
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 5637173
Conc: 23.91 ug/ml



#8 Flouorene (C16.55)

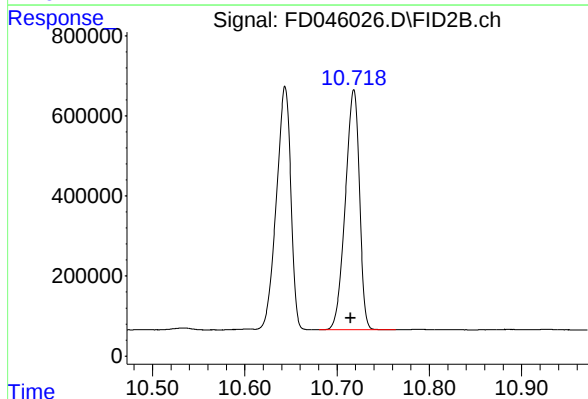
R.T.: 9.253 min
Delta R.T.: 0.000 min
Response: 6788674
Conc: 30.00 ug/ml



#9 Phenanthrene (C19.36)

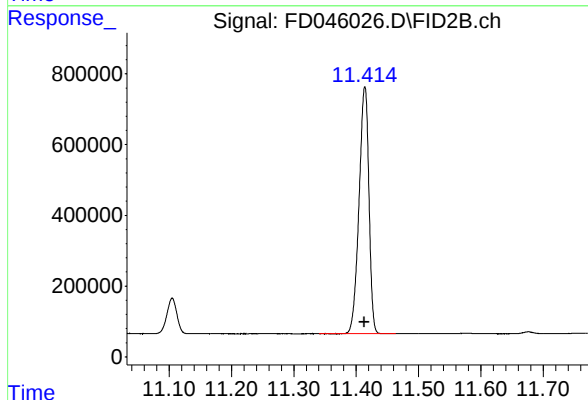
R.T.: 10.643 min
Delta R.T.: 0.002 min
Response: 6628854
Conc: 31.07 ug/ml

Instrument :
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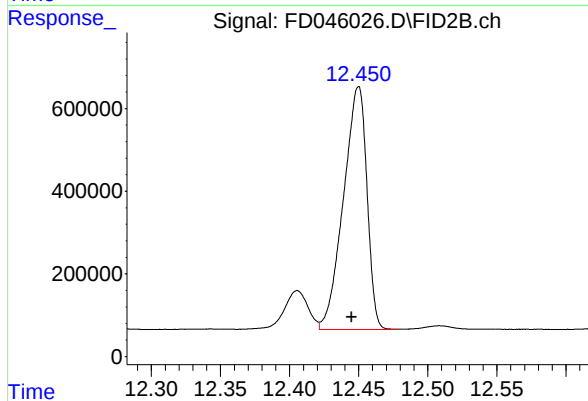
#10 Anthracene (C19.43)

R.T.: 10.718 min
Delta R.T.: 0.003 min
Response: 6389214
Conc: 40.21 ug/ml



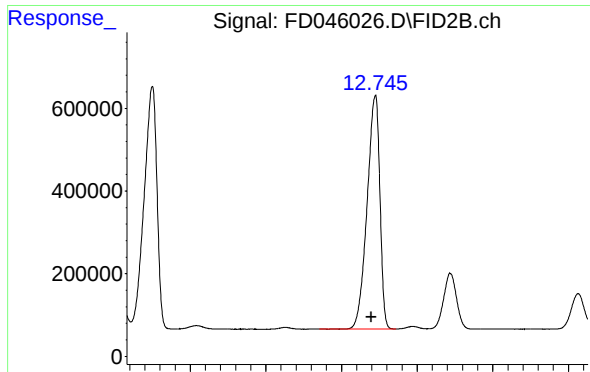
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 7679381
Conc: 30.29 ug/ml



#12 Fluoranthene (C21.85)

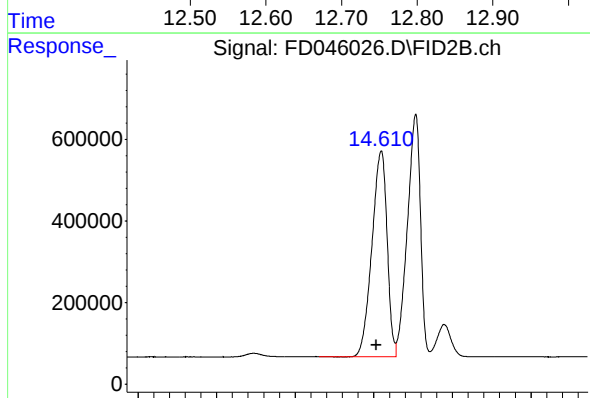
R.T.: 12.449 min
Delta R.T.: 0.004 min
Response: 6947086
Conc: 33.95 ug/ml



#13 Pyrene (C20.8)

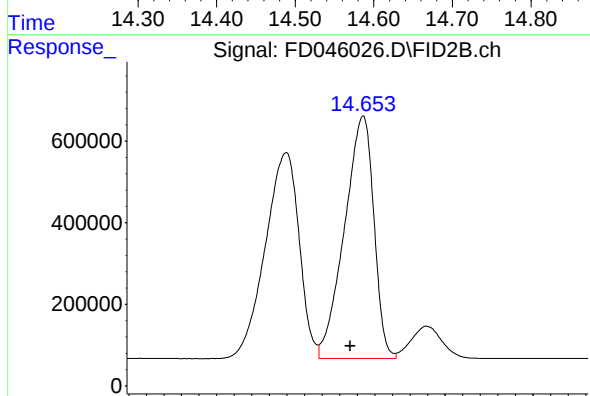
R.T.: 12.744 min
Delta R.T.: 0.005 min
Response: 6656577
Conc: 34.24 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153795BS



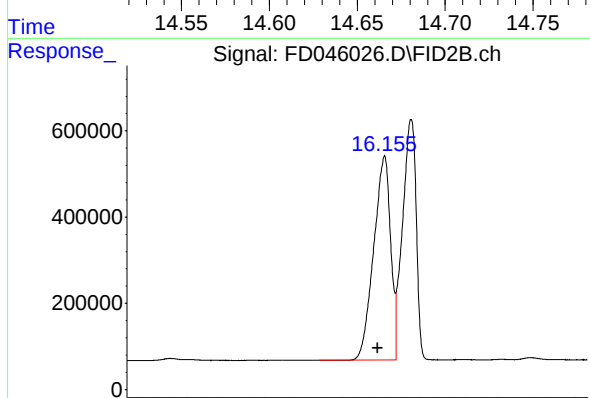
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.609 min
Delta R.T.: 0.006 min
Response: 6750138
Conc: 37.53 ug/ml



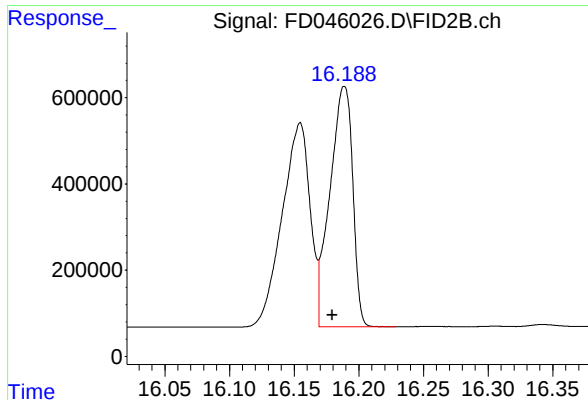
#15 Chrysene (C27.41)

R.T.: 14.653 min
Delta R.T.: 0.007 min
Response: 6900977
Conc: 35.16 ug/ml



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

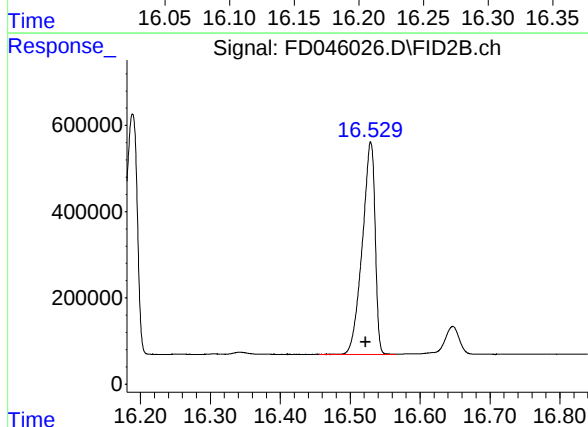
R.T.: 16.154 min
Delta R.T.: 0.008 min
Response: 7133254
Conc: 38.03 ug/ml



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

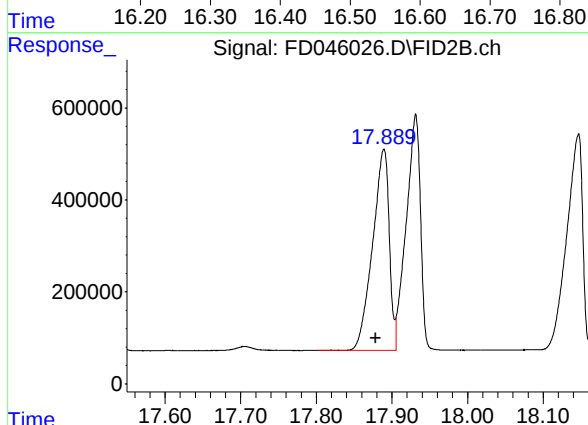
R.T.: 16.188 min
Delta R.T.: 0.009 min
Response: 6828865
Conc: 34.52 ug/ml

Instrument :
FID_D
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PB153795BS



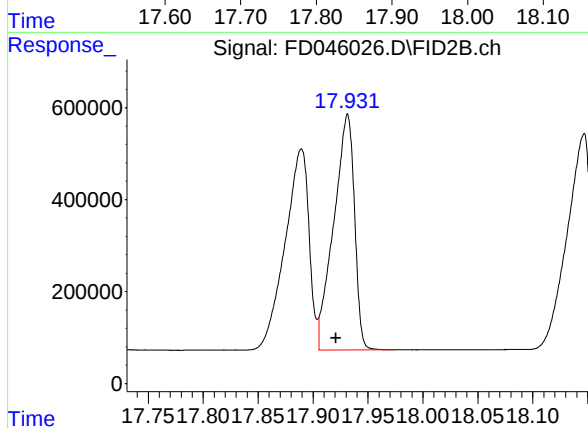
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.529 min
Delta R.T.: 0.007 min
Response: 6272340
Conc: 36.00 ug/ml



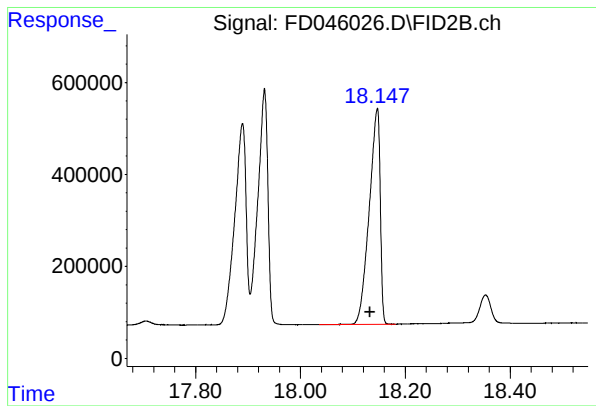
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: 0.010 min
Response: 6680177
Conc: 35.89 ug/ml



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

R.T.: 17.931 min
Delta R.T.: 0.010 min
Response: 6720285
Conc: 36.55 ug/ml



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

R.T.: 18.145 min
Delta R.T.: 0.013 min
Response: 6799701
Conc: 36.39 ug/ml

Instrument :

FID_D

ClientSampleId :

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