

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080223AR\
 Data File : FD046238.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2023 15:46
 Operator : YP/AJ
 Sample : PB154575BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154575BSD

Integration File: autoint1.e
 Quant Time: Aug 03 05:40:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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

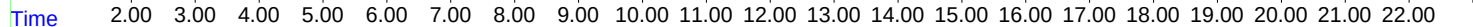
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.504	5581700	37.341 ug/ml
Spiked Amount 50.000		Recovery =	74.68%
6) S 2-Fluorobiphenyl (SURR)	8.359	3524841	37.653 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.31%
11) S ortho-Terphenyl (SURR)	11.398	7529780	43.116 ug/ml
Spiked Amount 50.000		Recovery =	86.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	3947866	21.668 ug/ml
2) T Naphthalene (C11.7)	5.843	4311064	23.869 ug/ml
3) T 2-Methylnaphthalene (...)	6.892	4477471	25.440 ug/ml
5) T Acenaphthylene (C15.06)	8.163	5345961	35.038 ug/ml
7) T Acenaphthene (C15.5)	8.458	5552029	34.049 ug/ml
8) T Flouorene (C16.55)	9.237	6067752	39.877 ug/ml
9) T Phenanthrene (C19.36)	10.627	6397103	44.425 ug/ml
10) T Anthracene (C19.43)	10.702	6284647	48.022 ug/ml
12) T Fluoranthene (C21.85)	12.432	6558145	46.934 ug/ml
13) T Pyrene (C20.8)	12.726	6638153	47.896 ug/ml
14) T Benzo[a]anthracene (C...	14.590	6399246	48.752 ug/ml
15) T Chrysene (C27.41)	14.635	6373804	45.204 ug/ml
16) T benzo[b]fluoranthene ...	16.134	6466139	47.280 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	6383950	46.574 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.510	6097236	46.834 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	5804700	48.263 ug/ml
20) T Dibenz[a,h]anthracene...	17.909	5776050	45.162 ug/ml
21) T Benzo[g,h,i]perylene ...	18.123	5727622	45.146 ug/ml

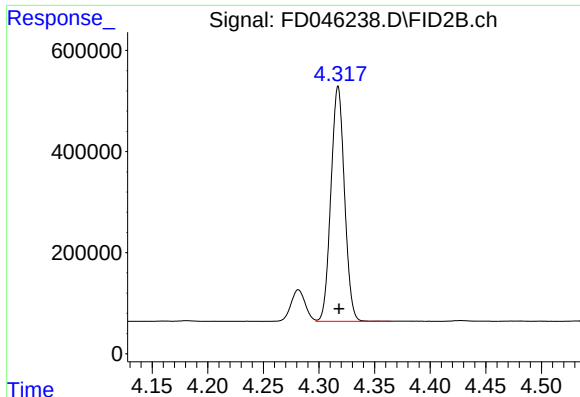
(f)=RT Delta > 1/2 Window

(m)=manual int.

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

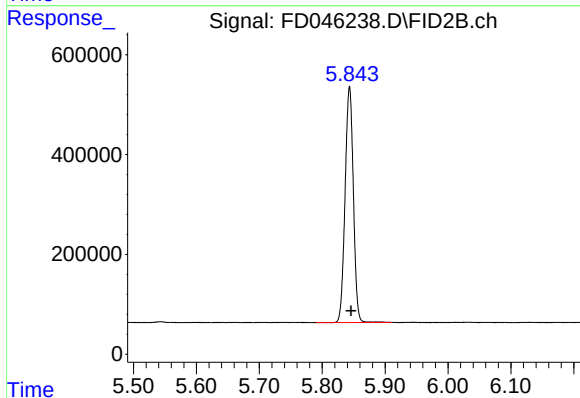




#1 1,2,3-Trimethylbenzene (C10.1)

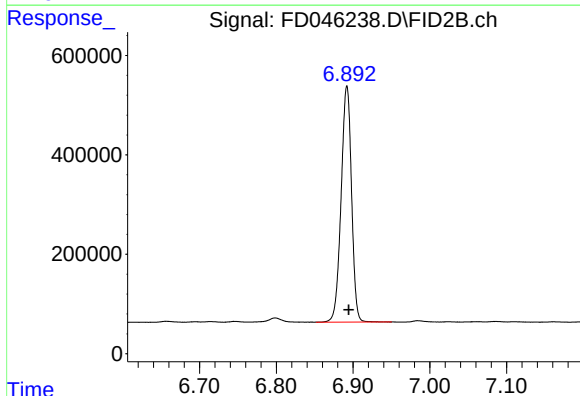
R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 3947866
Conc: 21.67 ug/ml

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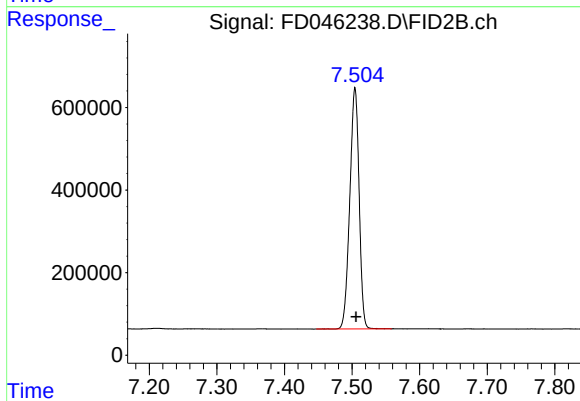
#2 Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 4311064
Conc: 23.87 ug/ml



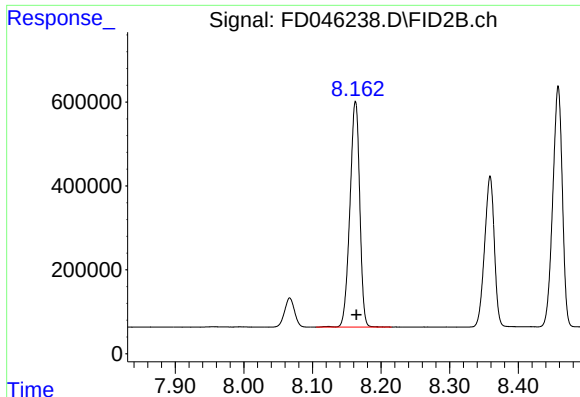
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.892 min
Delta R.T.: -0.003 min
Response: 4477471
Conc: 25.44 ug/ml



#4 2-Bromonaphthalene (SURR)

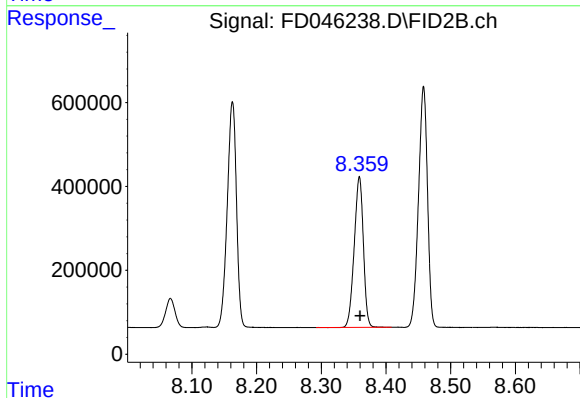
R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 5581700
Conc: 37.34 ug/ml



#5 Acenaphthylene (C15.06)

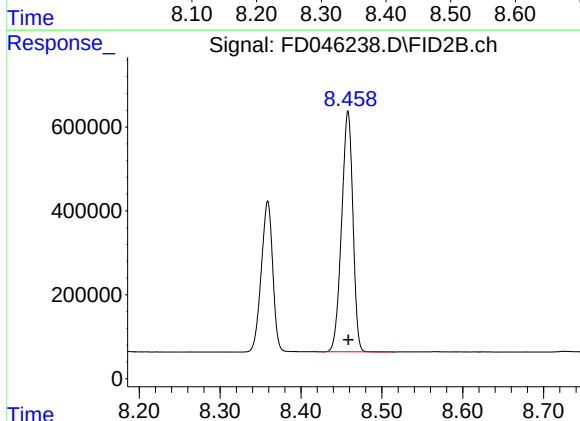
R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 5345961
Conc: 35.04 ug/ml

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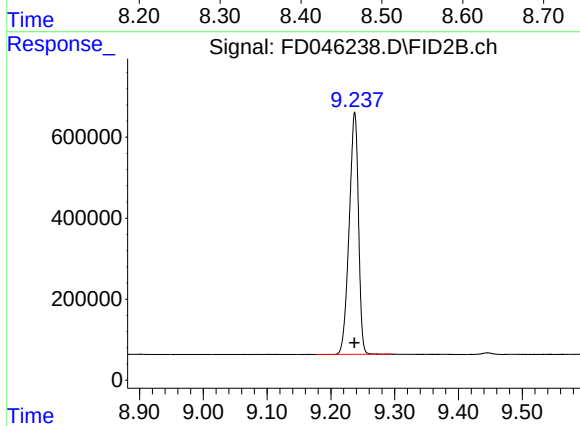
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.359 min
Delta R.T.: -0.001 min
Response: 3524841
Conc: 37.65 ug/ml



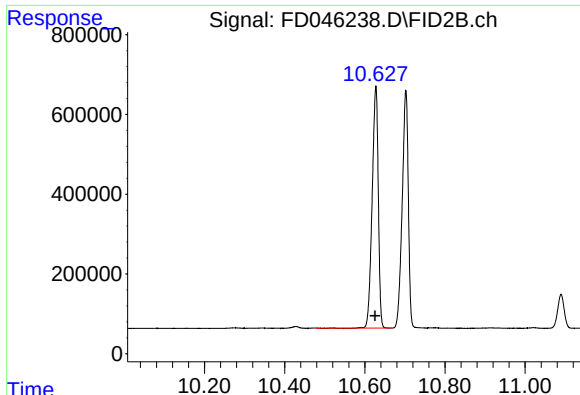
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 5552029
Conc: 34.05 ug/ml



#8 Fluorene (C16.55)

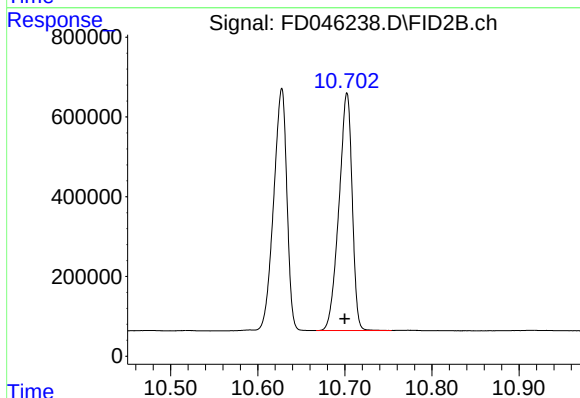
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 6067752
Conc: 39.88 ug/ml



#9 Phenanthrene (C19.36)

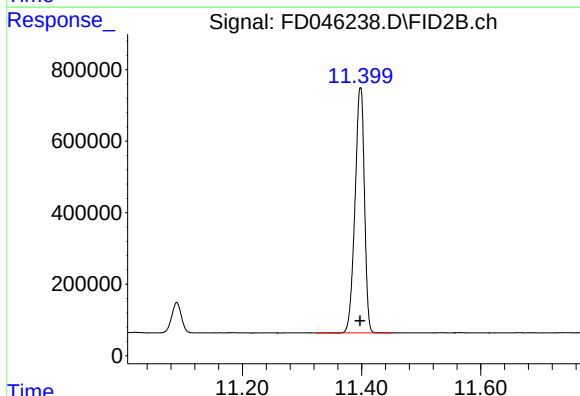
R.T.: 10.627 min
Delta R.T.: 0.001 min
Response: 6397103
Conc: 44.43 ug/ml

Instrument :
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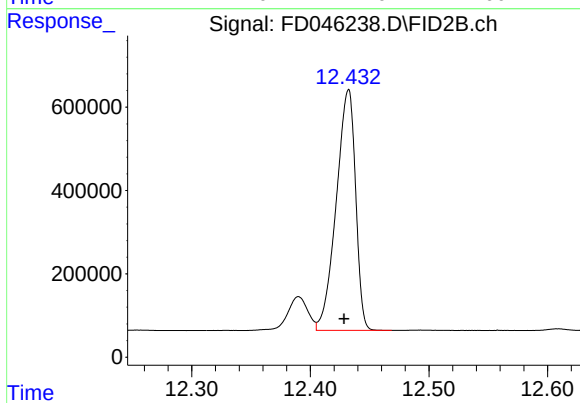
#10 Anthracene (C19.43)

R.T.: 10.702 min
Delta R.T.: 0.002 min
Response: 6284647
Conc: 48.02 ug/ml



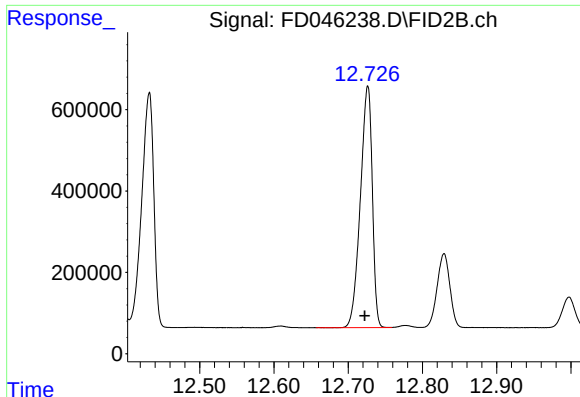
#11 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 7529780
Conc: 43.12 ug/ml



#12 Fluoranthene (C21.85)

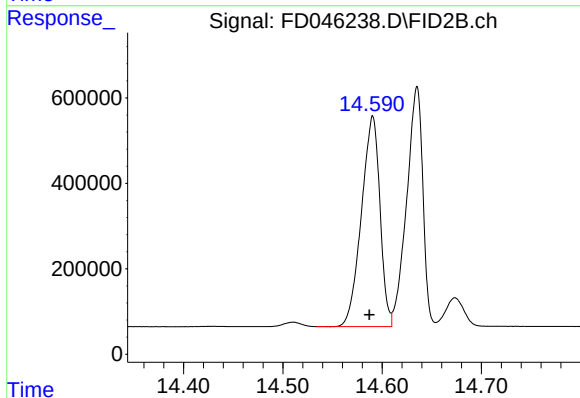
R.T.: 12.432 min
Delta R.T.: 0.003 min
Response: 6558145
Conc: 46.93 ug/ml



#13 Pyrene (C20.8)

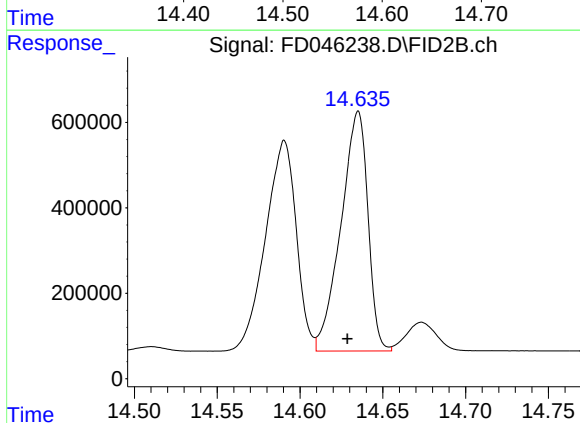
R.T.: 12.726 min
Delta R.T.: 0.004 min
Response: 6638153
Conc: 47.90 ug/ml

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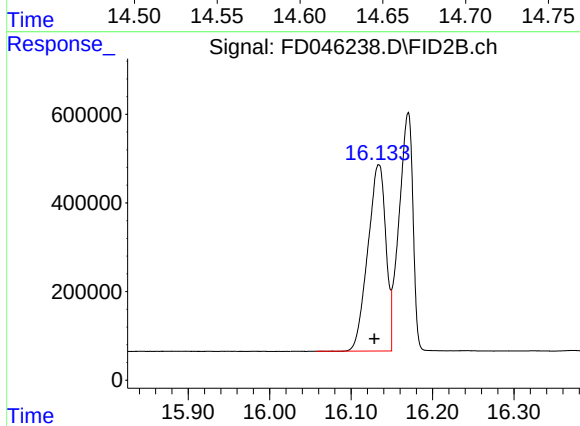
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.590 min
Delta R.T.: 0.003 min
Response: 6399246
Conc: 48.75 ug/ml



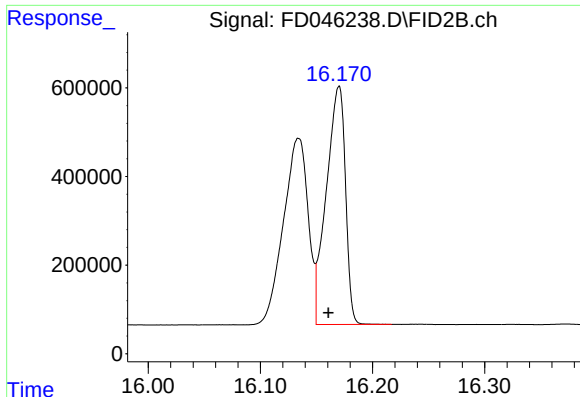
#15 Chrysene (C27.41)

R.T.: 14.635 min
Delta R.T.: 0.006 min
Response: 6373804
Conc: 45.20 ug/ml



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

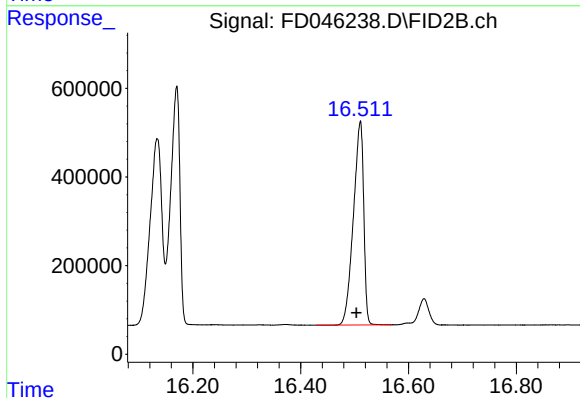
R.T.: 16.134 min
Delta R.T.: 0.005 min
Response: 6466139
Conc: 47.28 ug/ml



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

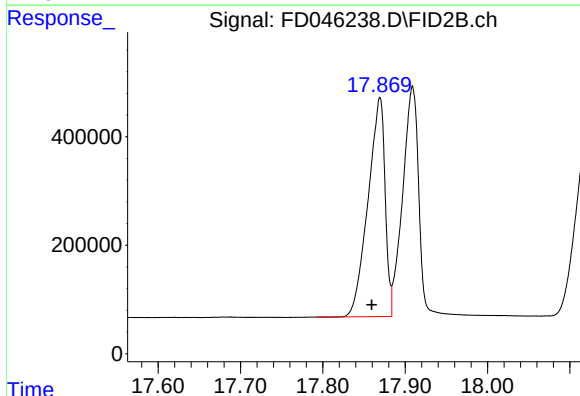
R.T.: 16.169 min
Delta R.T.: 0.009 min
Response: 6383950
Conc: 46.57 ug/ml

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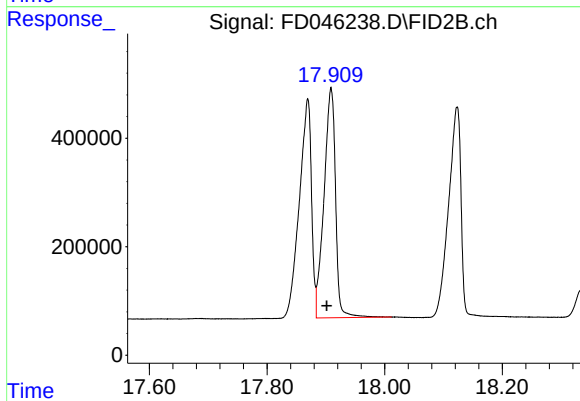
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.510 min
Delta R.T.: 0.007 min
Response: 6097236
Conc: 46.83 ug/ml



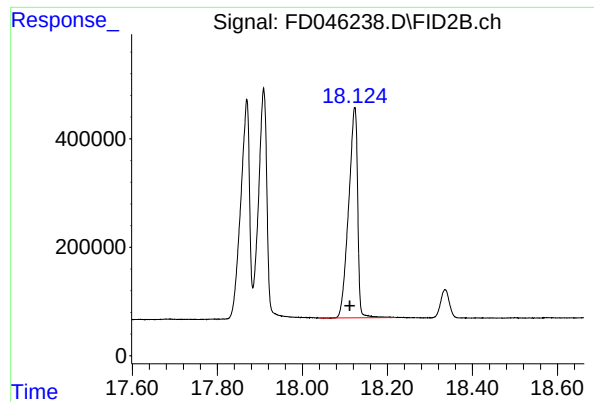
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.869 min
Delta R.T.: 0.009 min
Response: 5804700
Conc: 48.26 ug/ml



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

R.T.: 17.909 min
Delta R.T.: 0.007 min
Response: 5776050
Conc: 45.16 ug/ml



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

R.T.: 18.123 min
Delta R.T.: 0.011 min
Response: 5727622
Conc: 45.15 ug/ml

Instrument :

FID_D

ClientSampleId :

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