

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080323AR\
 Data File : FD046268.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2023 21:14
 Operator : YP/AJ
 Sample : PB154616BSD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154616BSD

Integration File: autoint1.e
 Quant Time: Aug 04 07:33:09 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

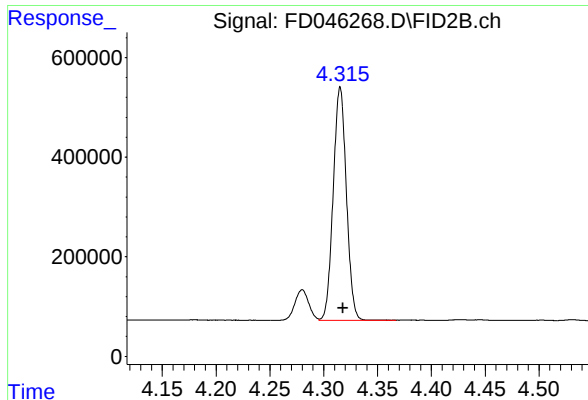
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.503	5753956	38.493 ug/ml
Spiked Amount 50.000		Recovery =	76.99%
6) S 2-Fluorobiphenyl (SURR)	8.358	3588557	38.334 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.67%
11) S ortho-Terphenyl (SURR)	11.398	8006380	45.845 ug/ml
Spiked Amount 50.000		Recovery =	91.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.315	3984290	21.868 ug/ml
2) T Naphthalene (C11.7)	5.842	4380533	24.254 ug/ml
3) T 2-Methylnaphthalene (...)	6.891	4602620	26.151 ug/ml
5) T Acenaphthylene (C15.06)	8.162	5536508	36.287 ug/ml
7) T Acenaphthene (C15.5)	8.457	5736434	35.180 ug/ml
8) T Fluorene (C16.55)	9.236	6306910	41.449 ug/ml
9) T Phenanthrene (C19.36)	10.626	6712748	46.617 ug/ml
10) T Anthracene (C19.43)	10.701	6528274	49.884 ug/ml
12) T Fluoranthene (C21.85)	12.431	6910594	49.456 ug/ml
13) T Pyrene (C20.8)	12.726	6962146	50.234 ug/ml
14) T Benzo[a]anthracene (C...	14.590	6654362	50.696 ug/ml
15) T Chrysene (C27.41)	14.634	6668143	47.291 ug/ml
16) T benzo[b]fluoranthene ...	16.133	6754752	49.390 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	6703317	48.904 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.510	6393183	49.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	6239079	51.874 ug/ml
20) T Dibenz[a,h]anthracene...	17.909	6133291	47.956 ug/ml
21) T Benzo[g,h,i]perylene ...	18.122	6088881	47.994 ug/ml

(f)=RT Delta > 1/2 Window

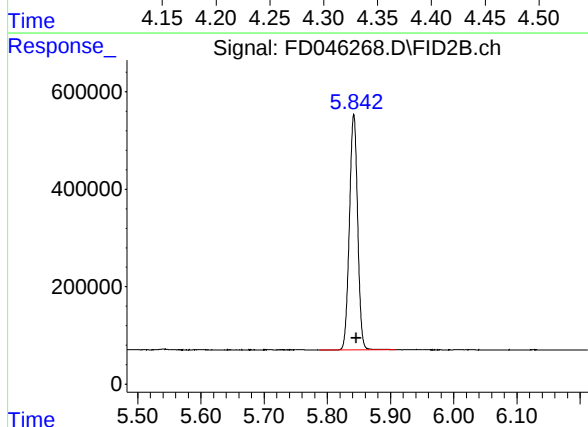
(m)=manual int.



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

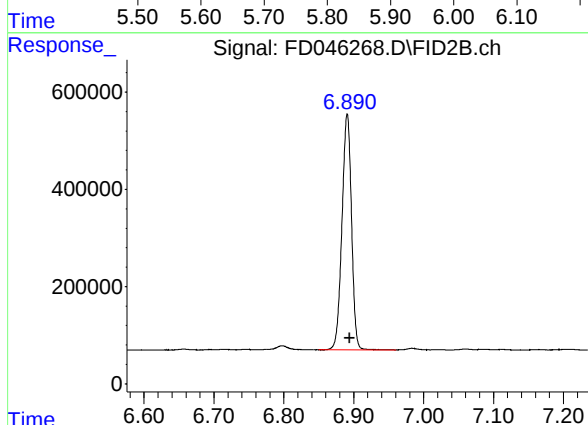
R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 3984290
Conc: 21.87 ug/ml

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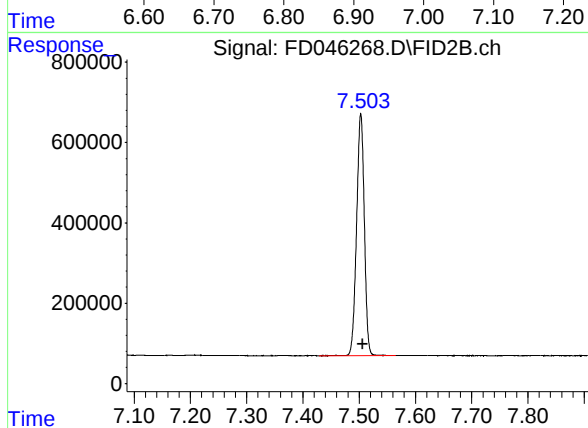
#2 Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: -0.004 min
Response: 4380533
Conc: 24.25 ug/ml



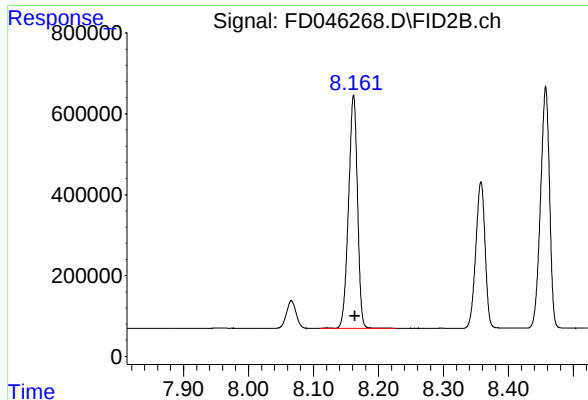
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 4602620
Conc: 26.15 ug/ml



#4 2-Bromonaphthalene (SURR)

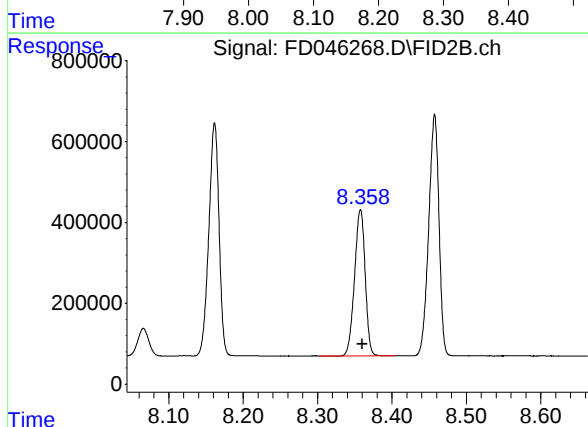
R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 5753956
Conc: 38.49 ug/ml



#5 Acenaphthylene (C15.06)

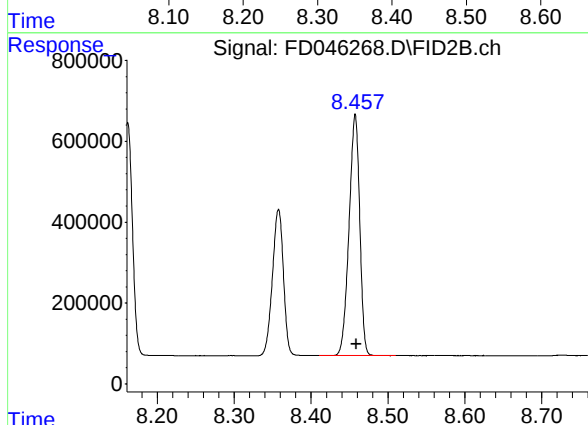
R.T.: 8.162 min
Delta R.T.: -0.002 min
Response: 5536508
Conc: 36.29 ug/ml

Instrument :
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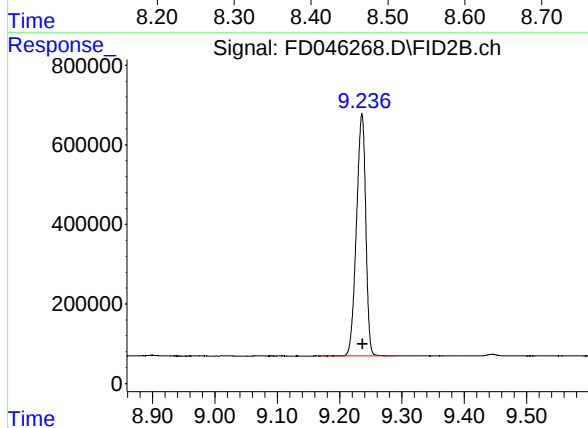
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 3588557
Conc: 38.33 ug/ml



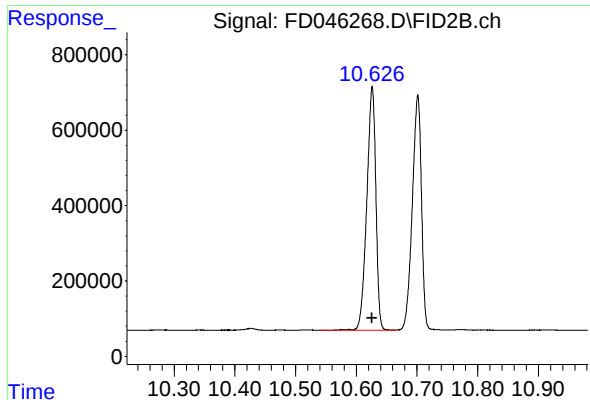
#7 Acenaphthene (C15.5)

R.T.: 8.457 min
Delta R.T.: -0.001 min
Response: 5736434
Conc: 35.18 ug/ml



#8 Fluorene (C16.55)

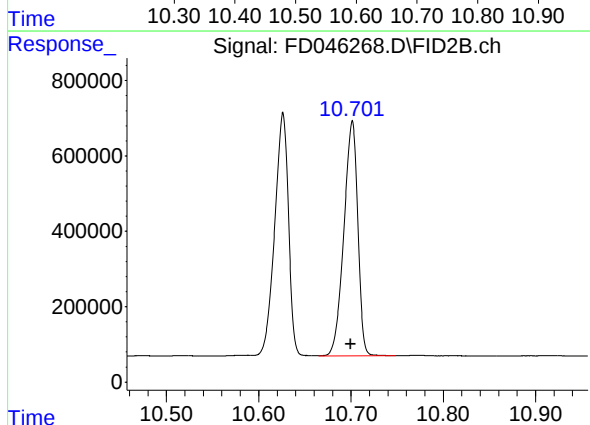
R.T.: 9.236 min
Delta R.T.: -0.001 min
Response: 6306910
Conc: 41.45 ug/ml



#9 Phenanthrene (C19.36)

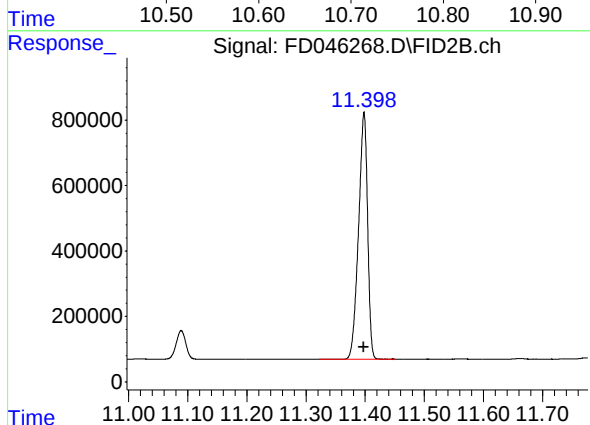
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 6712748
Conc: 46.62 ug/ml

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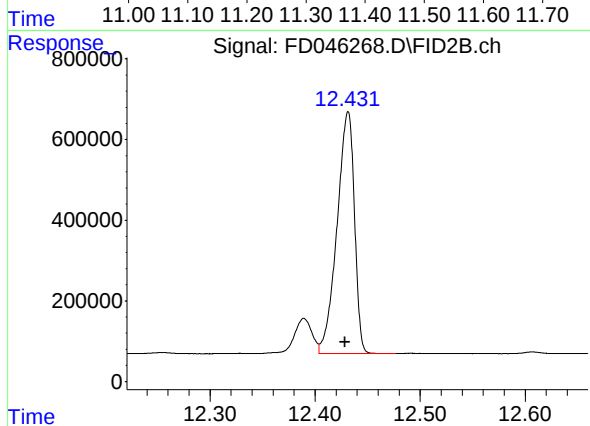
#10 Anthracene (C19.43)

R.T.: 10.701 min
Delta R.T.: 0.001 min
Response: 6528274
Conc: 49.88 ug/ml



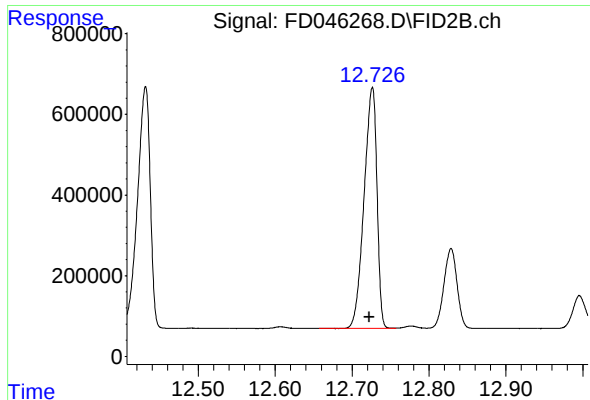
#11 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 8006380
Conc: 45.85 ug/ml



#12 Fluoranthene (C21.85)

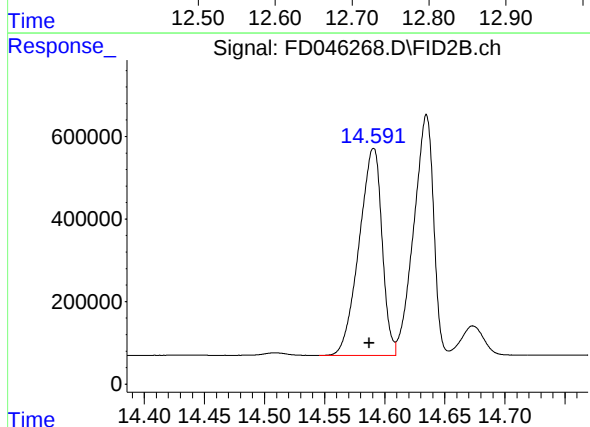
R.T.: 12.431 min
Delta R.T.: 0.003 min
Response: 6910594
Conc: 49.46 ug/ml



#13 Pyrene (C20.8)

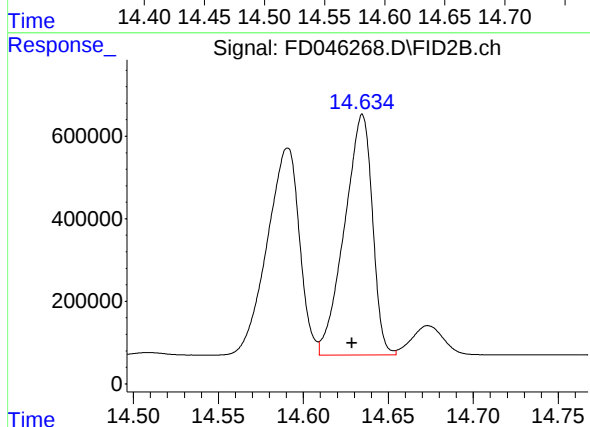
R.T.: 12.726 min
Delta R.T.: 0.003 min
Response: 6962146
Conc: 50.23 ug/ml

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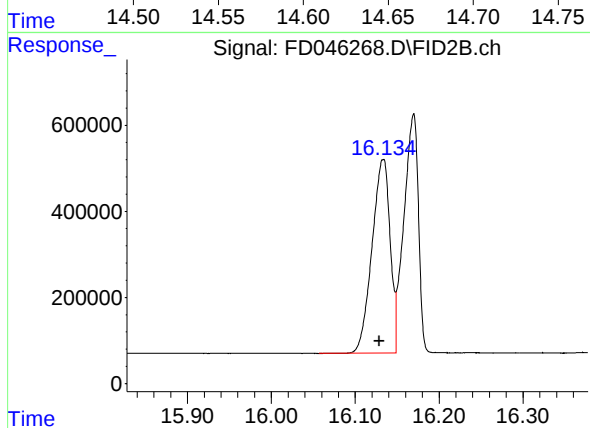
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.590 min
Delta R.T.: 0.003 min
Response: 6654362
Conc: 50.70 ug/ml



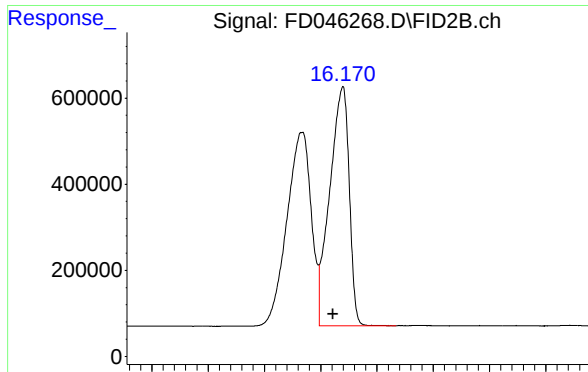
#15 Chrysene (C27.41)

R.T.: 14.634 min
Delta R.T.: 0.006 min
Response: 6668143
Conc: 47.29 ug/ml



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

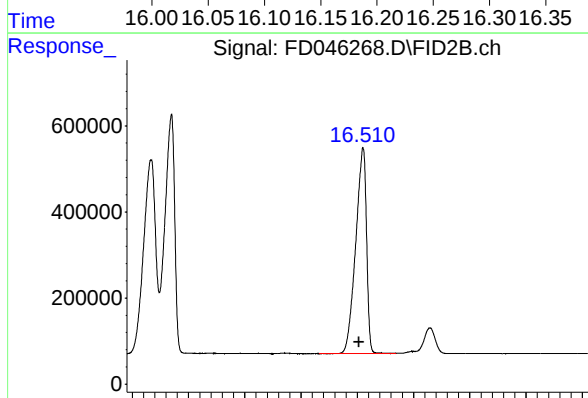
R.T.: 16.133 min
Delta R.T.: 0.004 min
Response: 6754752
Conc: 49.39 ug/ml



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

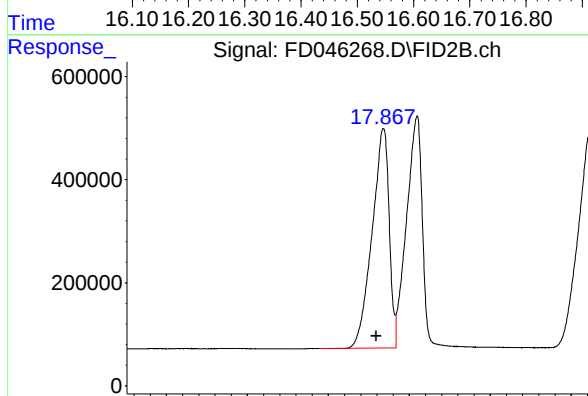
R.T.: 16.169 min
Delta R.T.: 0.008 min
Response: 6703317
Conc: 48.90 ug/ml

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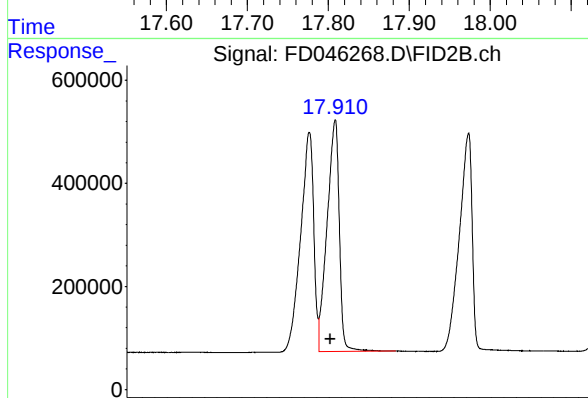
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.510 min
Delta R.T.: 0.006 min
Response: 6393183
Conc: 49.11 ug/ml



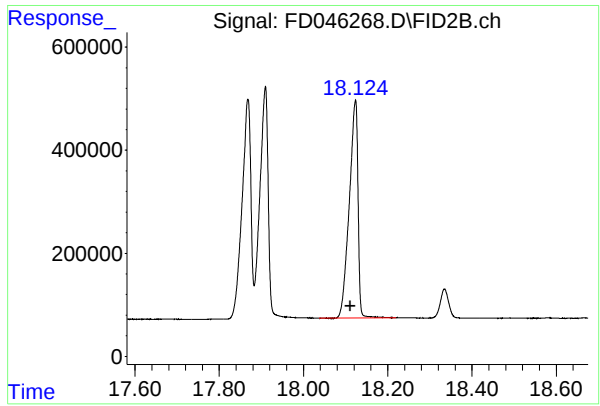
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: 0.008 min
Response: 6239079
Conc: 51.87 ug/ml



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

R.T.: 17.909 min
Delta R.T.: 0.007 min
Response: 6133291
Conc: 47.96 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.011 min
Response: 6088881
Conc: 47.99 ug/ml

Instrument :

FID_D

ClientSampleId :

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