

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082823AR\
 Data File : FD046398.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 18:40
 Operator : YP/AJ
 Sample : PB155135BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155135BSD

Integration File: autoint1.e
 Quant Time: Aug 28 22:33:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

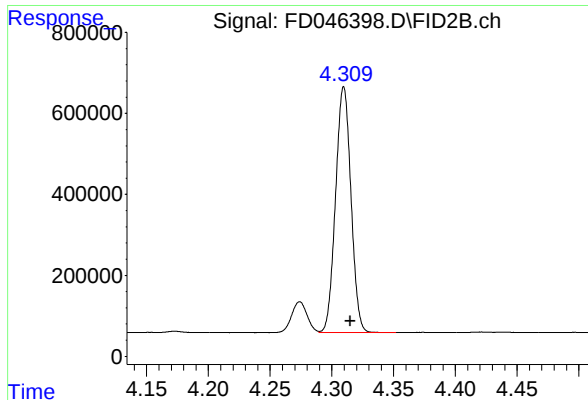
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.498	7246806	42.909 ug/ml
Spiked Amount 50.000		Recovery =	85.82%
6) S 2-Fluorobiphenyl (SURR)	8.351	4037630	36.280 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.56%
11) S ortho-Terphenyl (SURR)	11.390	8077676	41.186 ug/ml
Spiked Amount 50.000		Recovery =	82.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	5249260	29.872 ug/ml
2) T Naphthalene (C11.7)	5.836	6152728	33.383 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	6599576	35.544 ug/ml
5) T Acenaphthylene (C15.06)	8.156	7447485	43.763 ug/ml
7) T Acenaphthene (C15.5)	8.452	7259357	40.294 ug/ml
8) T Fluorene (C16.55)	9.230	7804432	44.624 ug/ml
9) T Phenanthrene (C19.36)	10.621	7997792	46.614 ug/ml
10) T Anthracene (C19.43)	10.696	7851892	46.545 ug/ml
12) T Fluoranthene (C21.85)	12.425	8153518	49.008 ug/ml
13) T Pyrene (C20.8)	12.720	8187451	50.799 ug/ml
14) T Benzo[a]anthracene (C...	14.584	7469717	53.094 ug/ml
15) T Chrysene (C27.41)	14.628	7334038	49.443 ug/ml
16) T benzo[b]fluoranthene ...	16.126	7116973	52.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	6936889	51.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	6592448	50.033 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	6569461	52.667 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	6159997	49.159 ug/ml
21) T Benzo[g,h,i]perylene ...	18.115	6231730	48.594 ug/ml

(f)=RT Delta > 1/2 Window

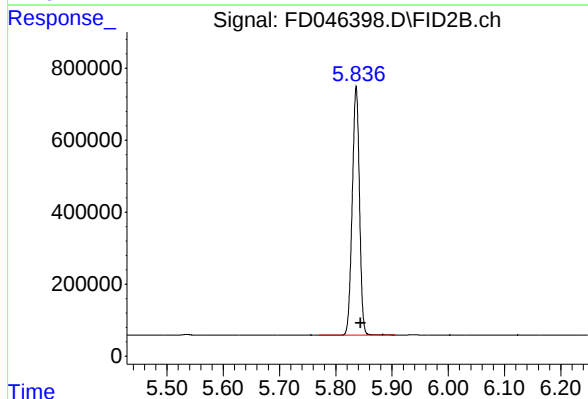
(m)=manual int.



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

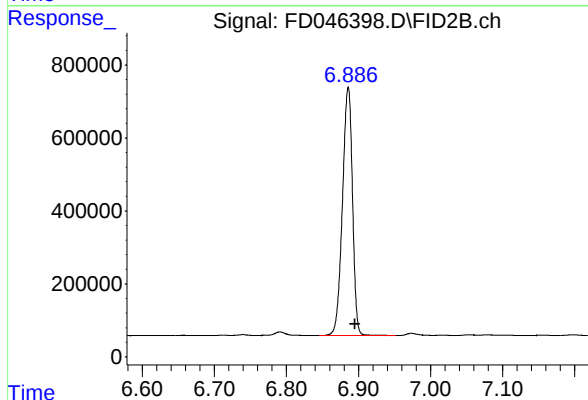
R.T.: 4.310 min
Delta R.T.: -0.005 min
Response: 5249260
Conc: 29.87 ug/ml

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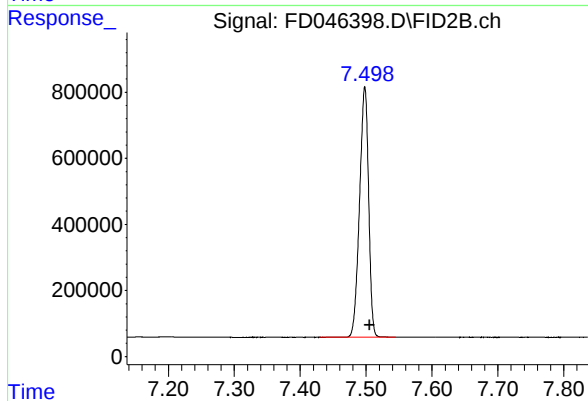
#2 Naphthalene (C11.7)

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 6152728
Conc: 33.38 ug/ml



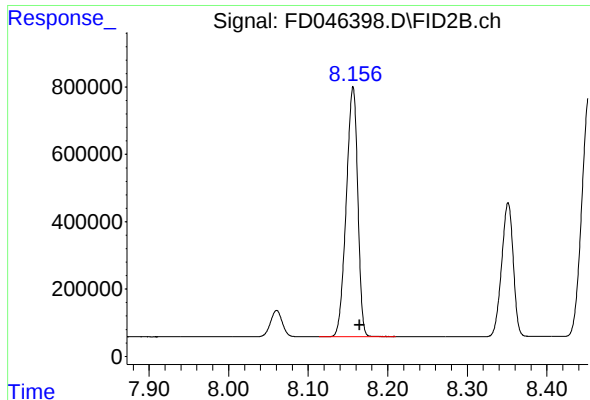
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 6599576
Conc: 35.54 ug/ml



#4 2-Bromonaphthalene (SURR)

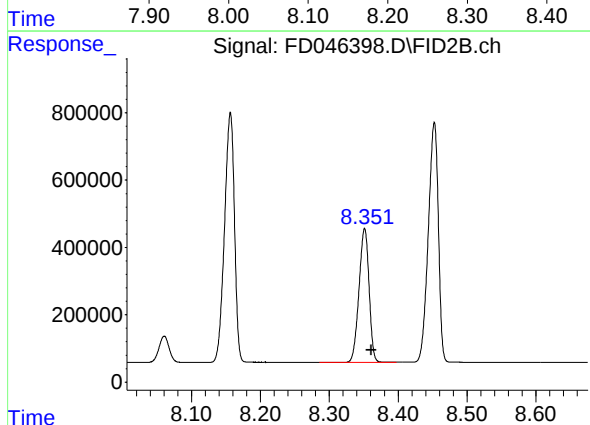
R.T.: 7.498 min
Delta R.T.: -0.008 min
Response: 7246806
Conc: 42.91 ug/ml



#5 Acenaphthylene (C15.06)

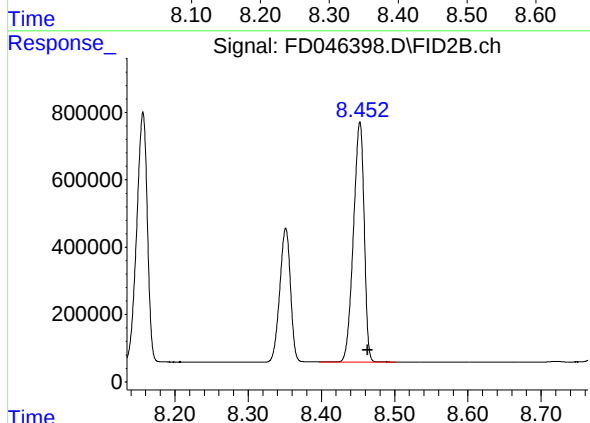
R.T.: 8.156 min
Delta R.T.: -0.009 min
Response: 7447485
Conc: 43.76 ug/ml

Instrument :
FID_D
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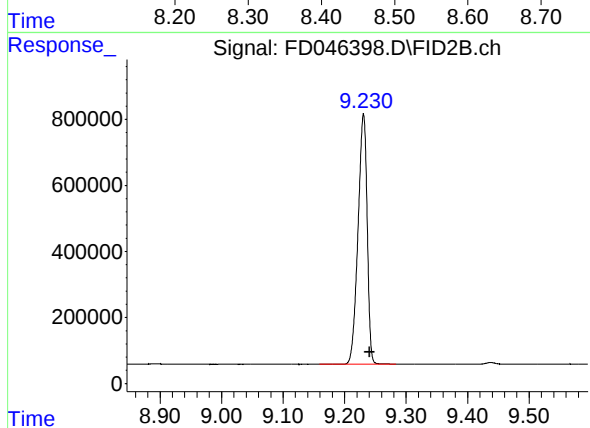
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.351 min
Delta R.T.: -0.010 min
Response: 4037630
Conc: 36.28 ug/ml



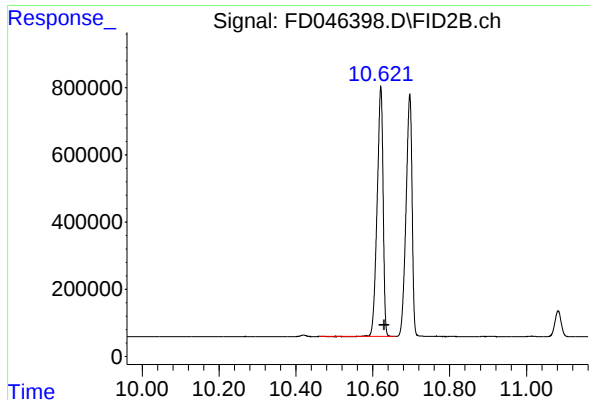
#7 Acenaphthene (C15.5)

R.T.: 8.452 min
Delta R.T.: -0.011 min
Response: 7259357
Conc: 40.29 ug/ml



#8 Flouorene (C16.55)

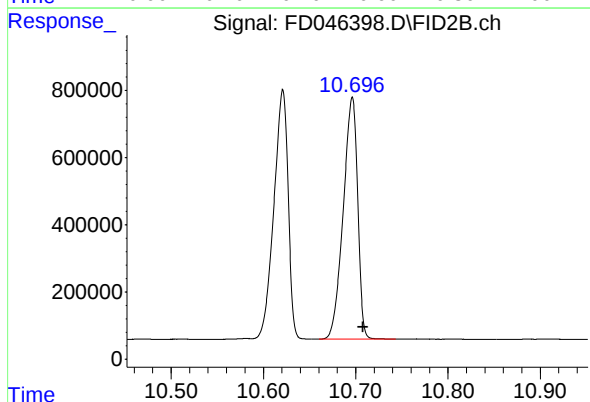
R.T.: 9.230 min
Delta R.T.: -0.010 min
Response: 7804432
Conc: 44.62 ug/ml



#9 Phenanthrene (C19.36)

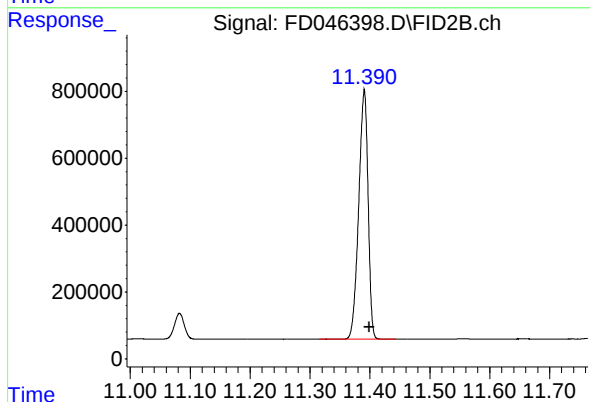
R.T.: 10.621 min
Delta R.T.: -0.010 min
Response: 7997792
Conc: 46.61 ug/ml

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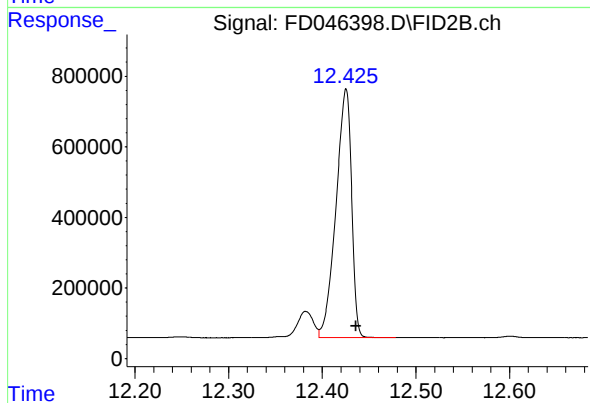
#10 Anthracene (C19.43)

R.T.: 10.696 min
Delta R.T.: -0.012 min
Response: 7851892
Conc: 46.54 ug/ml



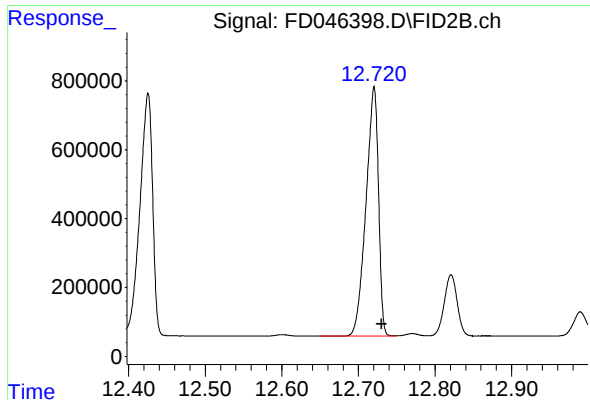
#11 ortho-Terphenyl (SURRE)

R.T.: 11.390 min
Delta R.T.: -0.009 min
Response: 8077676
Conc: 41.19 ug/ml



#12 Fluoranthene (C21.85)

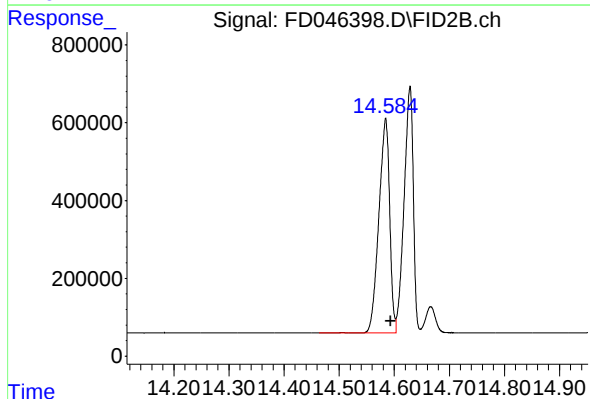
R.T.: 12.425 min
Delta R.T.: -0.011 min
Response: 8153518
Conc: 49.01 ug/ml



#13 Pyrene (C20.8)

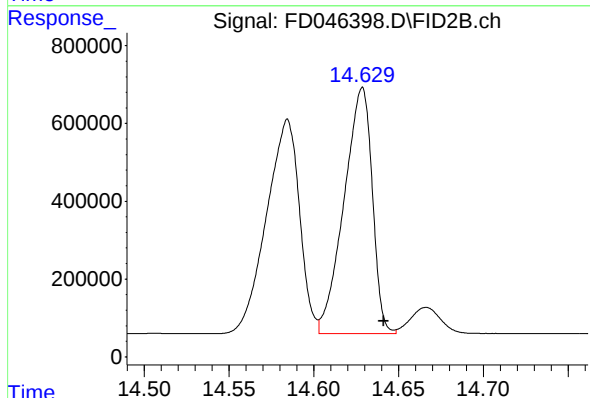
R.T.: 12.720 min
Delta R.T.: -0.011 min
Response: 8187451
Conc: 50.80 ug/ml

Instrument :
FID_D
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PB155135BSD



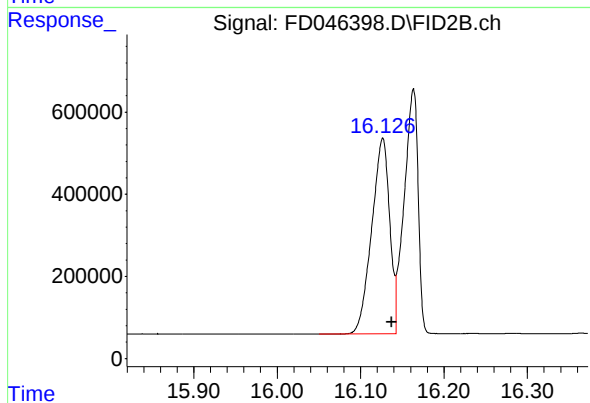
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: -0.010 min
Response: 7469717
Conc: 53.09 ug/ml



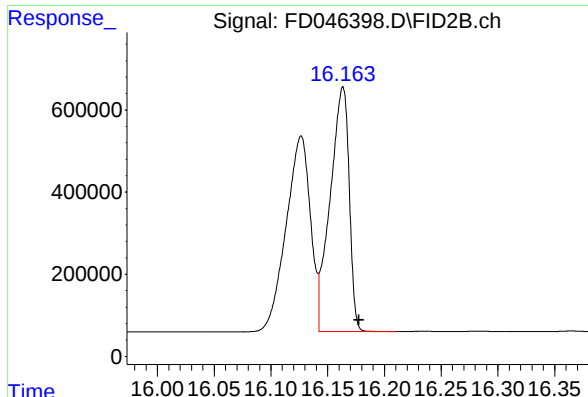
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: -0.013 min
Response: 7334038
Conc: 49.44 ug/ml



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

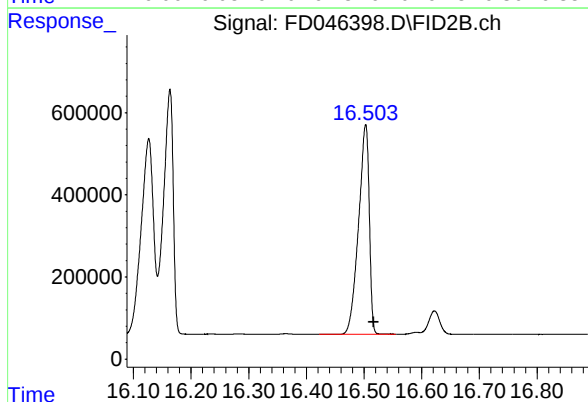
R.T.: 16.126 min
Delta R.T.: -0.011 min
Response: 7116973
Conc: 52.38 ug/ml



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

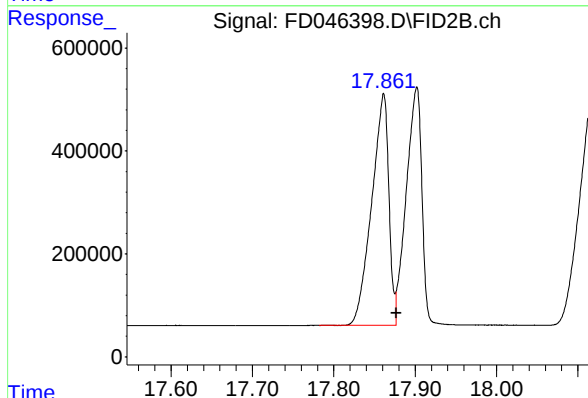
R.T.: 16.163 min
Delta R.T.: -0.015 min
Response: 6936889
Conc: 51.13 ug/ml

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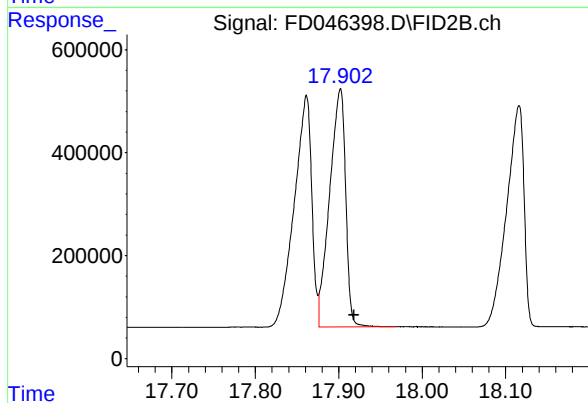
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.502 min
Delta R.T.: -0.015 min
Response: 6592448
Conc: 50.03 ug/ml



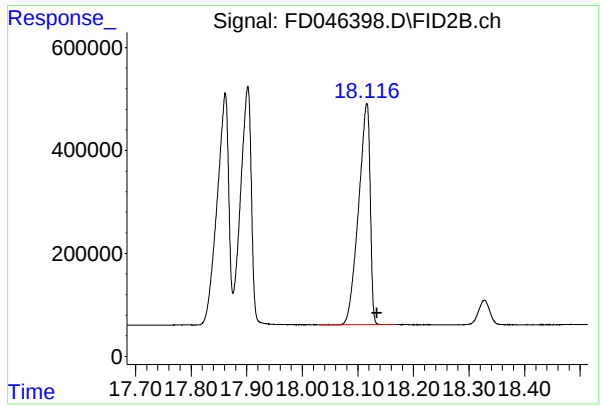
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.861 min
Delta R.T.: -0.016 min
Response: 6569461
Conc: 52.67 ug/ml



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

R.T.: 17.901 min
Delta R.T.: -0.017 min
Response: 6159997
Conc: 49.16 ug/ml



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

R.T.: 18.115 min

Delta R.T.: -0.019 min

Response: 6231730

Conc: 48.59 ug/ml

Instrument :

FID_D

ClientSampleId :

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