

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048555.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 05:28
 Operator : YP/AJ
 Sample : P4460-03MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WB-303-BOTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 07:10:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 Response via : Initial Calibration
 Integrator: ChemStation

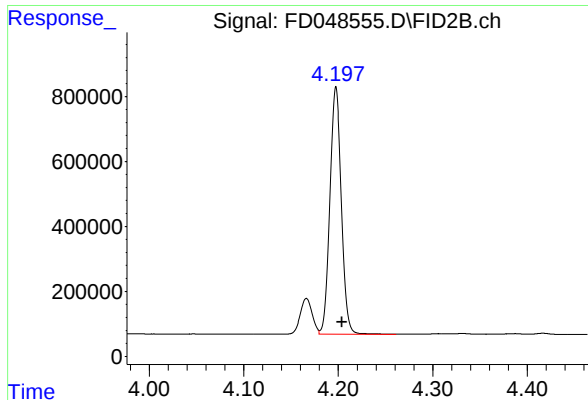
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.375	7933941	47.920 ug/ml
Spiked Amount 50.000		Recovery =	95.84%
6) S 2-Fluorobiphenyl (SURR)	8.225	5063781	48.829 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.66%
11) S ortho-Terphenyl (SURR)	11.260	6142126	33.382 ug/ml
Spiked Amount 50.000		Recovery =	66.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	6421054	36.638 ug/ml
2) T Naphthalene (C11.7)	5.716	7710327	41.295 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	7476924	39.563 ug/ml
5) T Acenaphthylene (C15.06)	8.028	7602154	39.627 ug/ml
7) T Acenaphthene (C15.5)	8.324	8174836	43.217 ug/ml
8) T Flouorene (C16.55)	9.102	8088227	44.767 ug/ml
9) T Phenanthrene (C19.36)	10.489	8298893	46.826 ug/ml
10) T Anthracene (C19.43)	10.565	8378684	47.087 ug/ml
12) T Fluoranthene (C21.85)	12.294	8634562	47.738 ug/mlm
13) T Pyrene (C20.8)	12.588	8939667	49.923 ug/ml
14) T Benzo[a]anthracene (C...	14.457	7986328	49.972 ug/ml
15) T Chrysene (C27.41)	14.501	8083838	43.339 ug/ml
16) T benzo[b]fluoranthene ...	16.005	7807241	46.879 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	7804948	45.980 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	7535154	46.103 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	8092726	61.523 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	7635770	45.632 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	7369748	45.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



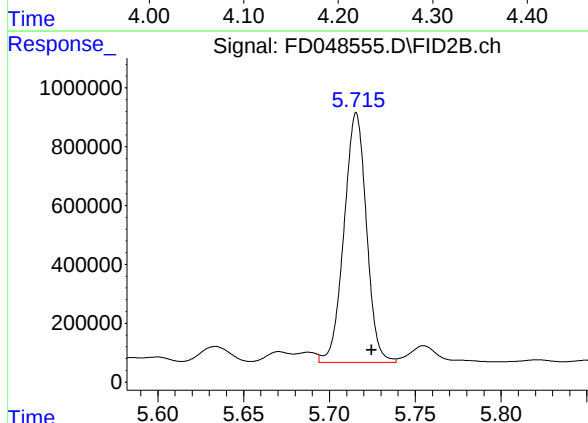
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.198 min
Delta R.T.: -0.006 min
Response: 6421054
Conc: 36.64 ug/ml

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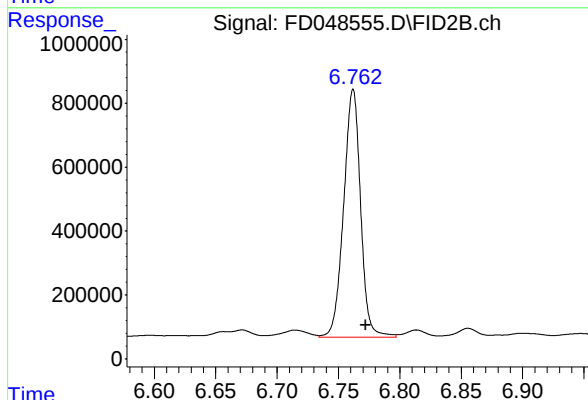
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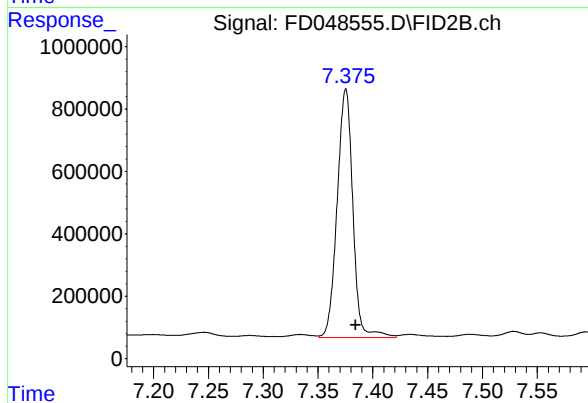
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.009 min
Response: 7710327
Conc: 41.30 ug/ml



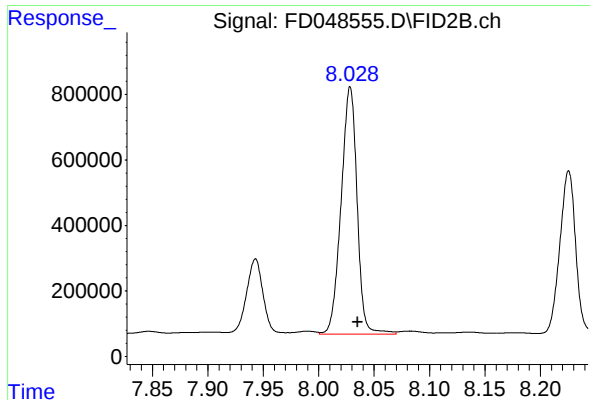
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 7476924
Conc: 39.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: -0.009 min
Response: 7933941
Conc: 47.92 ug/ml



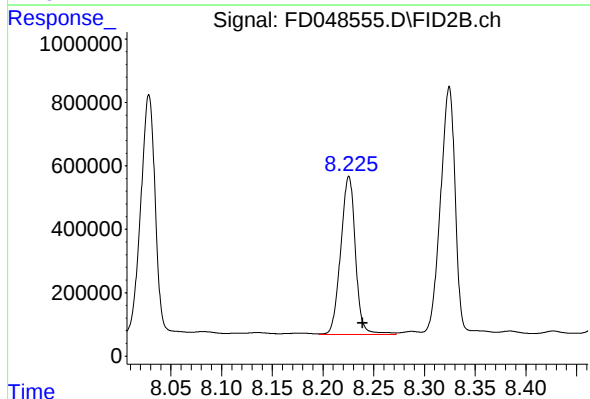
#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: -0.007 min
Response: 7602154
Conc: 39.63 ug/ml

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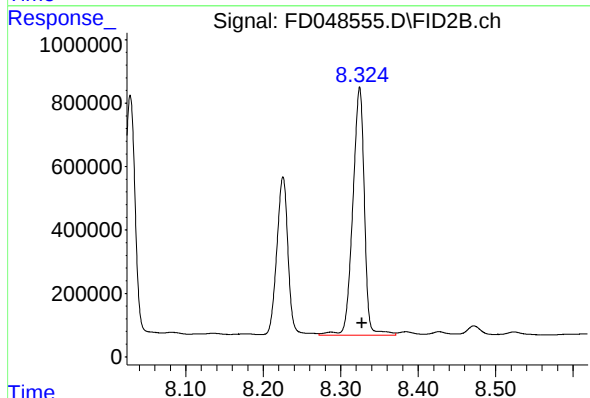
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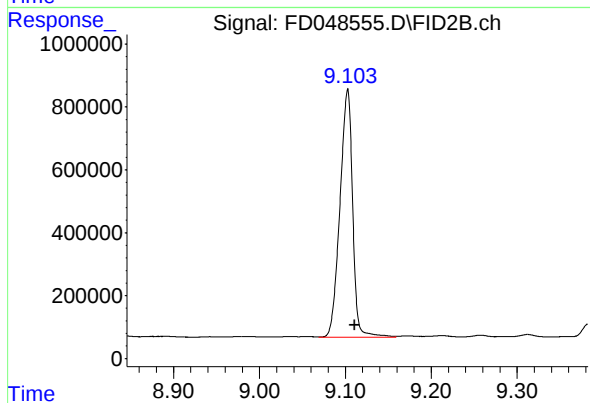
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.014 min
Response: 5063781
Conc: 48.83 ug/ml



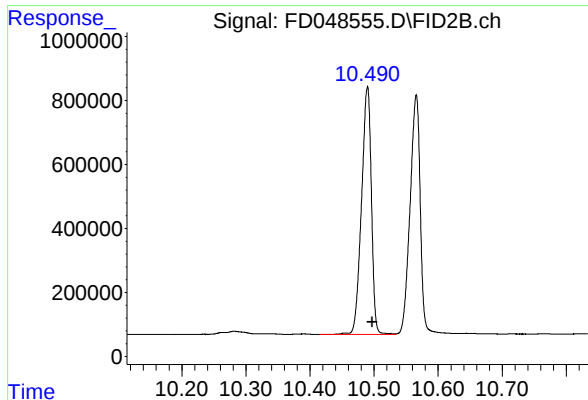
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.004 min
Response: 8174836
Conc: 43.22 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.102 min
Delta R.T.: -0.009 min
Response: 8088227
Conc: 44.77 ug/ml



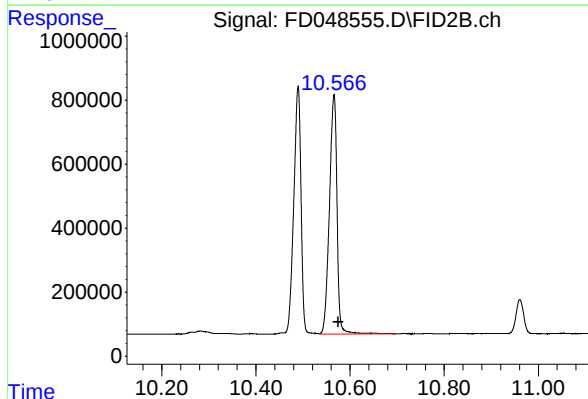
#9 Phenanthrene (C19.36)

R.T.: 10.489 min
Delta R.T.: -0.008 min
Response: 8298893
Conc: 46.83 ug/ml

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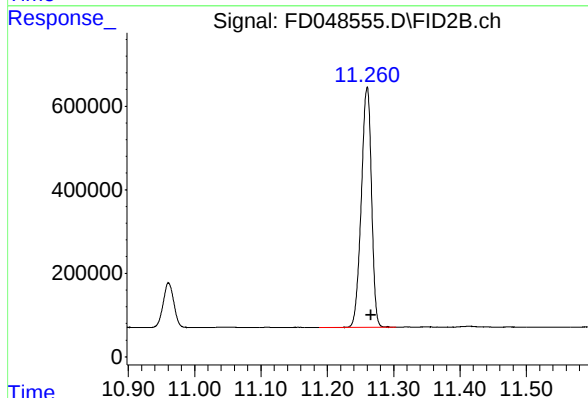
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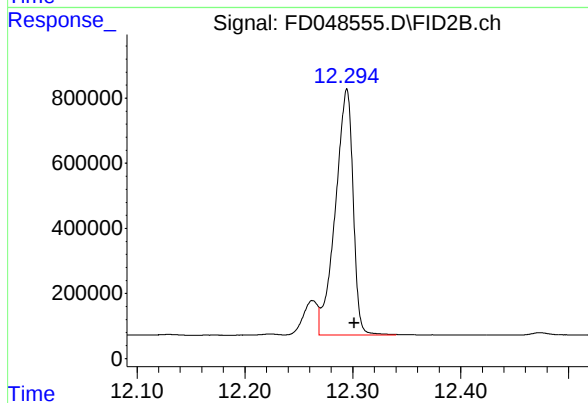
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.010 min
Response: 8378684
Conc: 47.09 ug/ml



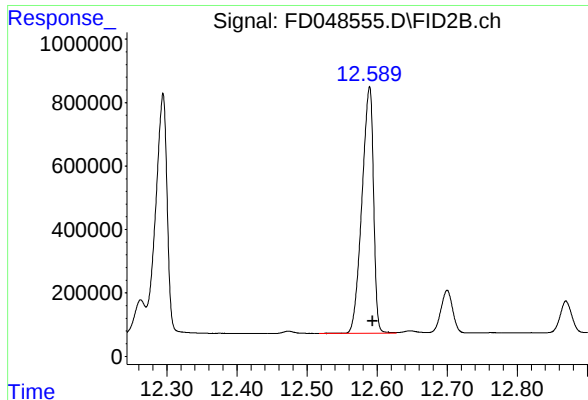
#11 ortho-Terphenyl (SURR)

R.T.: 11.260 min
Delta R.T.: -0.006 min
Response: 6142126
Conc: 33.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.294 min
Delta R.T.: -0.007 min
Response: 8634562
Conc: 47.74 ug/ml m



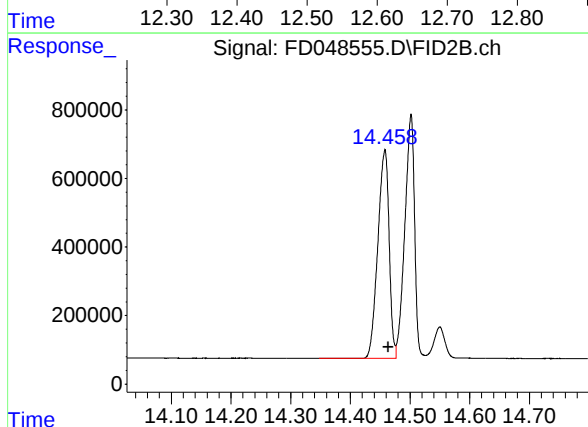
#13 Pyrene (C20.8)

R.T.: 12.588 min
Delta R.T.: -0.005 min
Response: 8939667
Conc: 49.92 ug/ml

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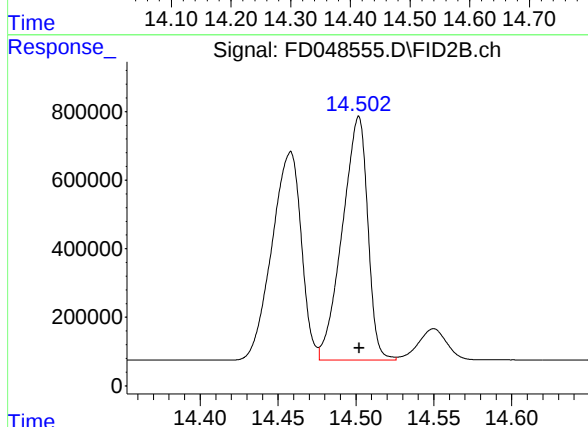
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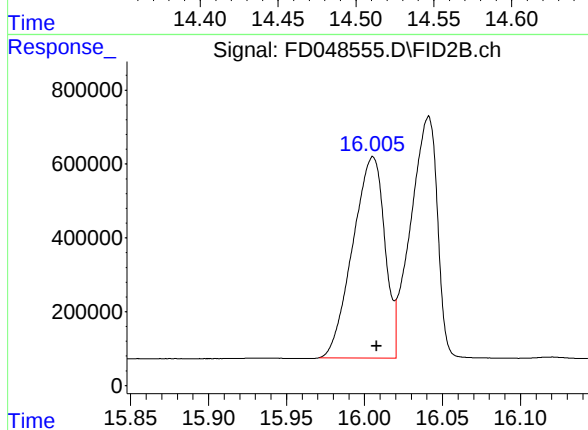
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.457 min
Delta R.T.: -0.006 min
Response: 7986328
Conc: 49.97 ug/ml



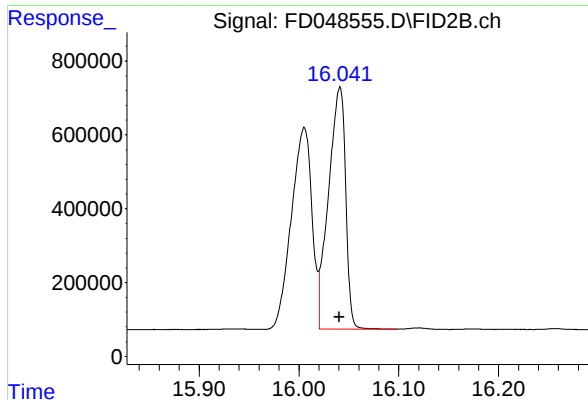
#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: -0.001 min
Response: 8083838
Conc: 43.34 ug/ml



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

R.T.: 16.005 min
Delta R.T.: -0.003 min
Response: 7807241
Conc: 46.88 ug/ml



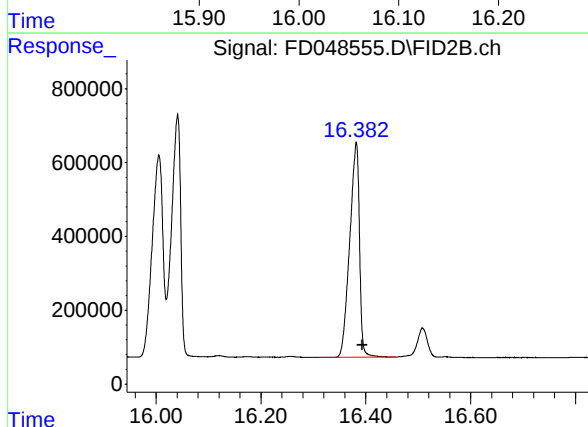
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: 0.000 min
Response: 7804948
Conc: 45.98 ug/ml

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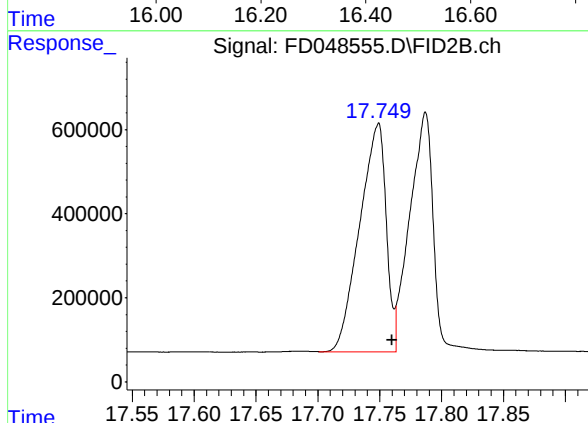
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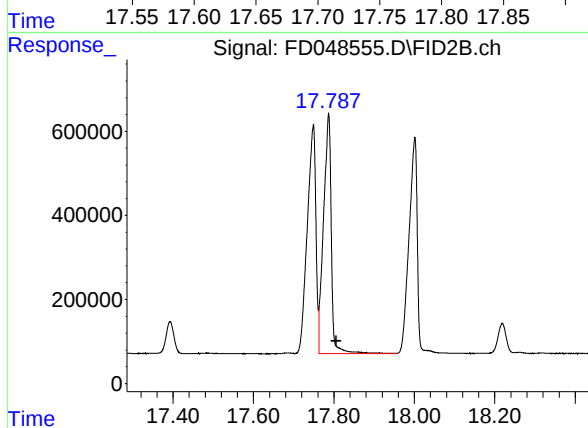
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.012 min
Response: 7535154
Conc: 46.10 ug/ml



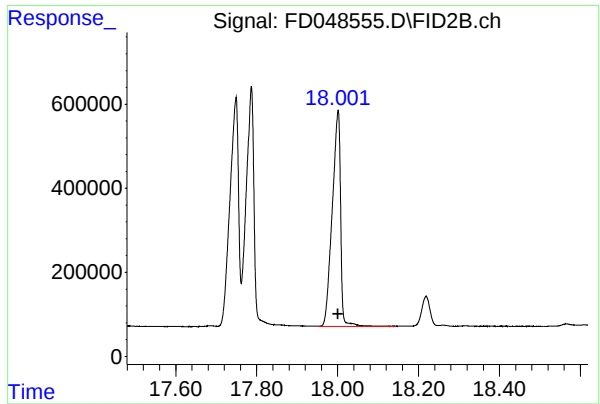
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.012 min
Response: 8092726
Conc: 61.52 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.020 min
Response: 7635770
Conc: 45.63 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.000 min
Response: 7369748
Conc: 45.37 ug/ml

Instrument :

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