

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049250.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 21:11
 Operator : YP/AJ
 Sample : Q1746-01MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-149-SB01MS

Integration File: autoint1.e
 Quant Time: Apr 09 02:37:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

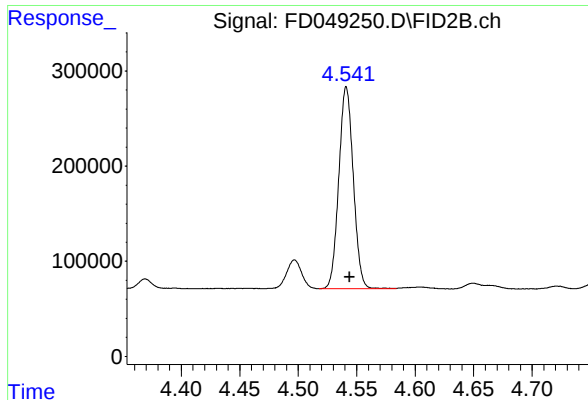
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.751	5047461	34.074 ug/ml
Spiked Amount 50.000		Recovery =	68.15%
6) S 2-Fluorobiphenyl (SURR)	8.617	2716306	26.630 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.26%
11) S ortho-Terphenyl (SURR)	11.660	5203410	29.534 ug/ml
Spiked Amount 50.000		Recovery =	59.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	1831324	12.221 ug/ml
2) T Naphthalene (C11.7)	6.086	2724324	16.639 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	3110205	19.228 ug/ml
5) T Acenaphthylene (C15.06)	8.421	4727175	26.762 ug/ml
7) T Acenaphthene (C15.5)	8.716	4548051	26.398 ug/ml
8) T Fluorene (C16.55)	9.498	5607223	32.155 ug/ml
9) T Phenanthrene (C19.36)	10.897	5885738	34.297 ug/ml
10) T Anthracene (C19.43)	10.972	5585695	35.556 ug/ml
12) T Fluoranthene (C21.85)	12.712	6195236	36.652 ug/ml
13) T Pyrene (C20.8)	13.010	5849537	34.878 ug/ml
14) T Benzo[a]anthracene (C...	14.880	5503751	38.288 ug/ml
15) T Chrysene (C27.41)	14.924	6018964	41.713 ug/ml
16) T benzo[b]fluoranthene ...	16.431	5318836	38.231 ug/ml
17) T Bnezo[k]fluoranthene ...	16.465	5144896	37.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.810	4894190	37.637 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.175	5248171	42.572 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	4820778	38.125 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	4881199	37.390 ug/ml

(f)=RT Delta > 1/2 Window

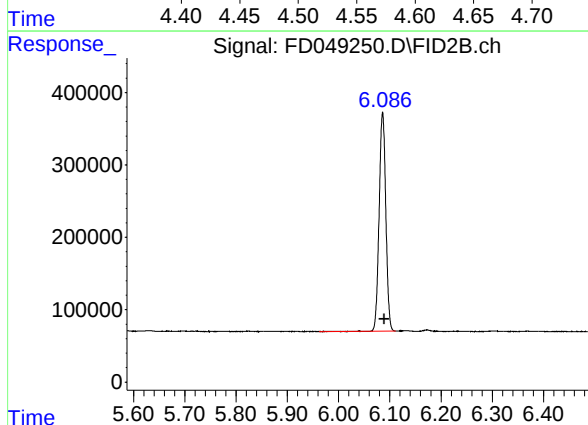
(m)=manual int.



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

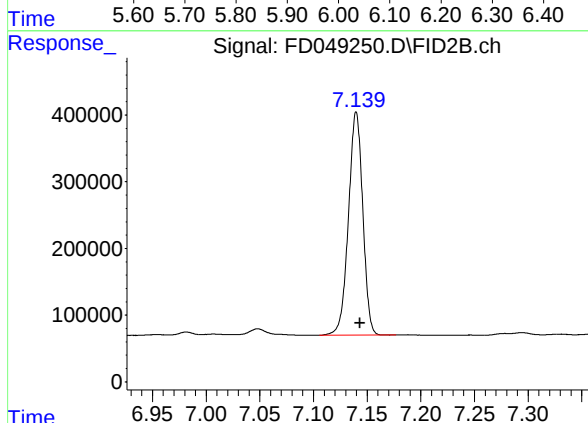
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 1831324
Conc: 12.22 ug/ml

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B-149-SB01MS



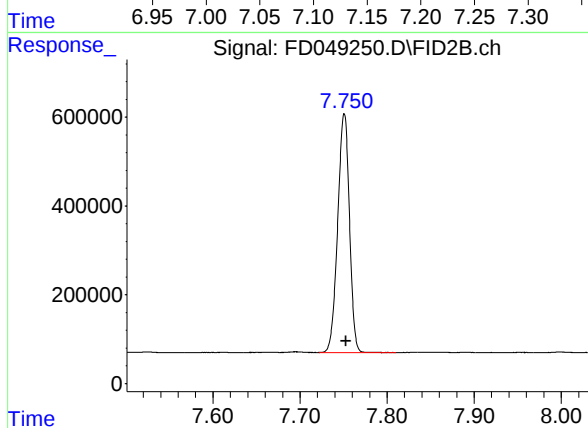
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 2724324
Conc: 16.64 ug/ml



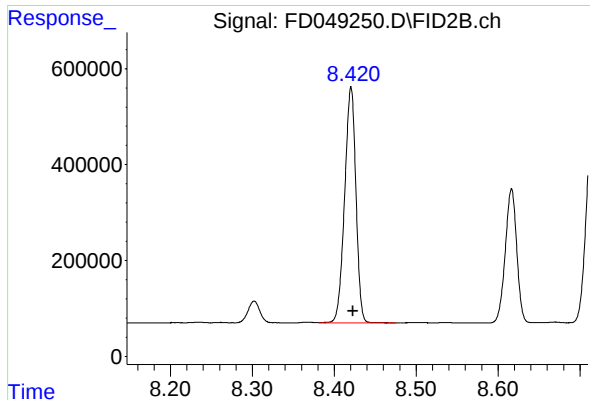
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 3110205
Conc: 19.23 ug/ml



#4 2-Bromonaphthalene (SURR)

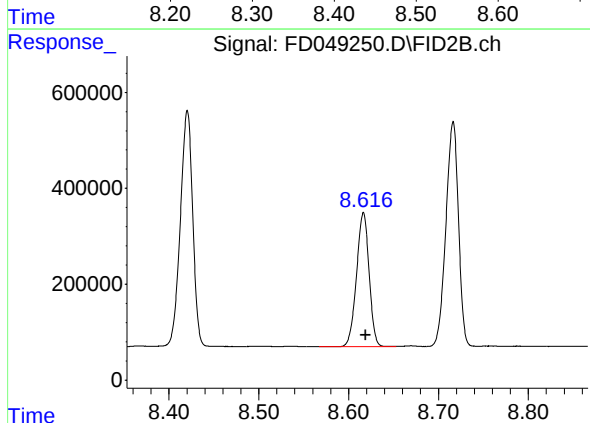
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 5047461
Conc: 34.07 ug/ml



#5 Acenaphthylene (C15.06)

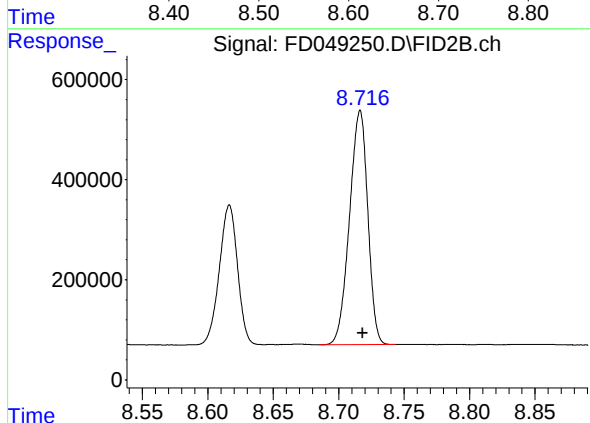
R.T.: 8.421 min
Delta R.T.: -0.002 min
Response: 4727175
Conc: 26.76 ug/ml

Instrument :
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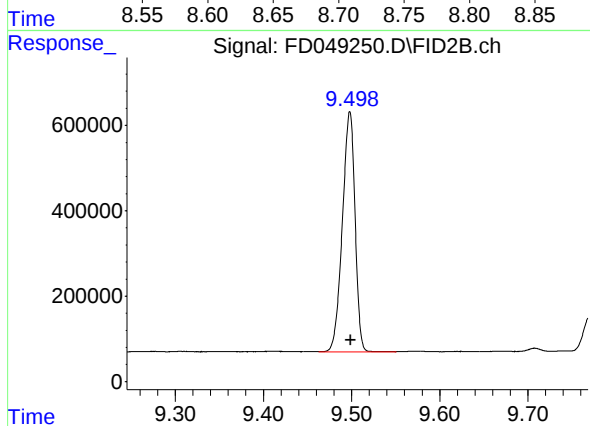
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: -0.003 min
Response: 2716306
Conc: 26.63 ug/ml



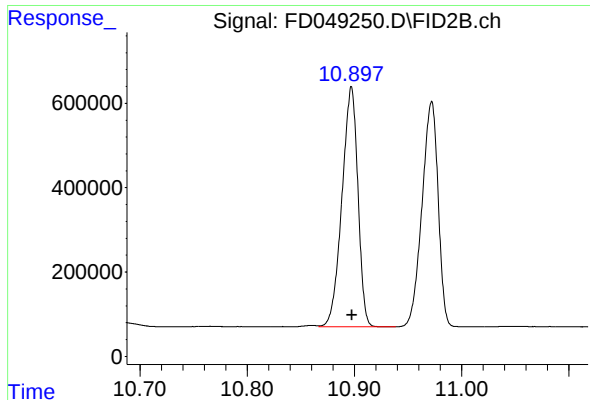
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 4548051
Conc: 26.40 ug/ml



#8 Flouorene (C16.55)

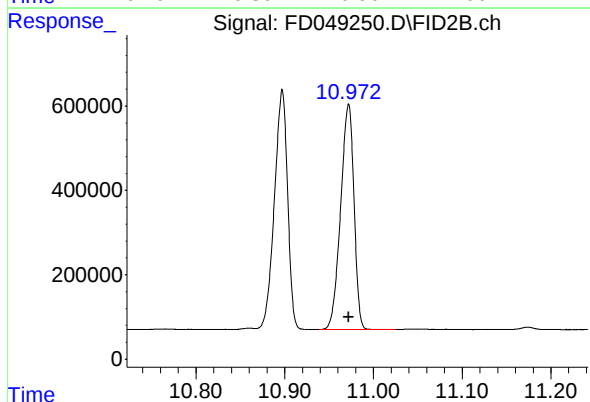
R.T.: 9.498 min
Delta R.T.: -0.001 min
Response: 5607223
Conc: 32.16 ug/ml



#9 Phenanthrene (C19.36)

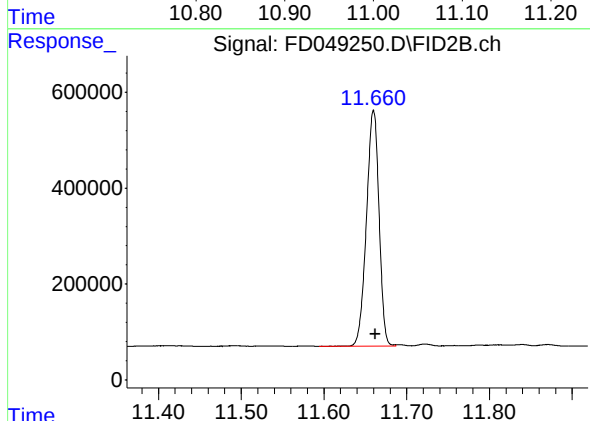
R.T.: 10.897 min
Delta R.T.: 0.000 min
Response: 5885738
Conc: 34.30 ug/ml

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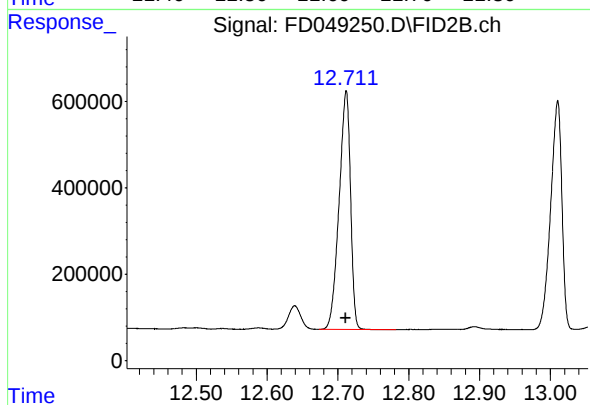
#10 Anthracene (C19.43)

R.T.: 10.972 min
Delta R.T.: 0.000 min
Response: 5585695
Conc: 35.56 ug/ml



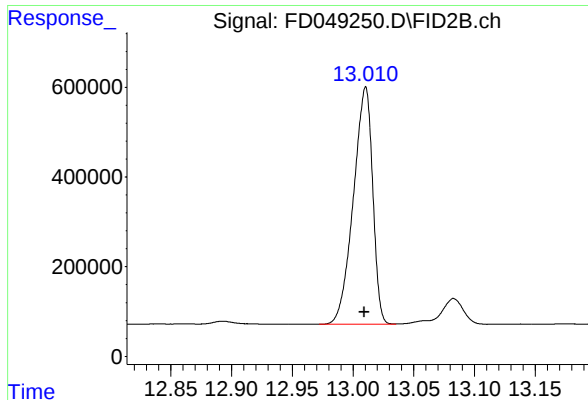
#11 ortho-Terphenyl (SURRE)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 5203410
Conc: 29.53 ug/ml



#12 Fluoranthene (C21.85)

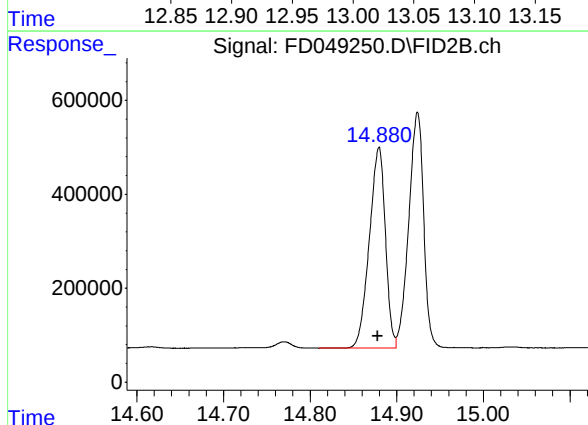
R.T.: 12.712 min
Delta R.T.: 0.000 min
Response: 6195236
Conc: 36.65 ug/ml



#13 Pyrene (C20.8)

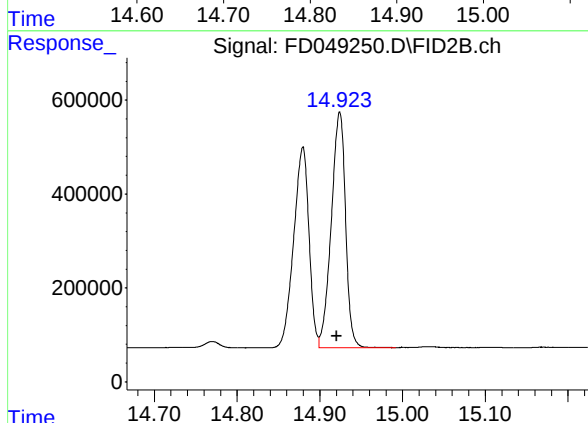
R.T.: 13.010 min
Delta R.T.: 0.001 min
Response: 5849537
Conc: 34.88 ug/ml

Instrument :
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B-149-SB01MS



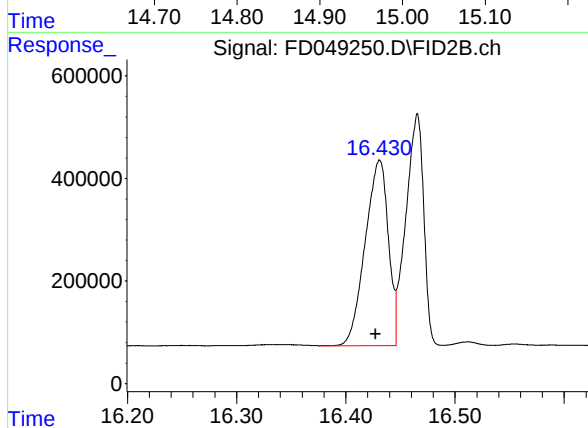
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.880 min
Delta R.T.: 0.002 min
Response: 5503751
Conc: 38.29 ug/ml



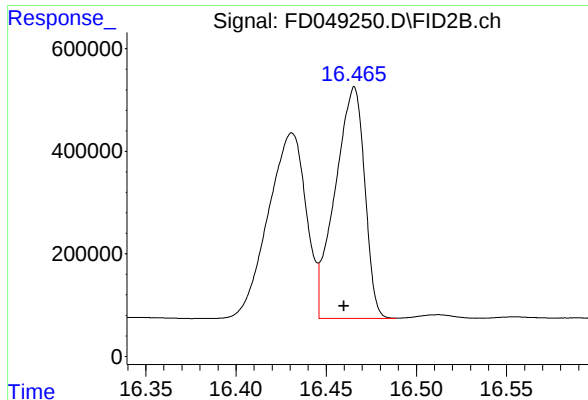
#15 Chrysene (C27.41)

R.T.: 14.924 min
Delta R.T.: 0.004 min
Response: 6018964
Conc: 41.71 ug/ml



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

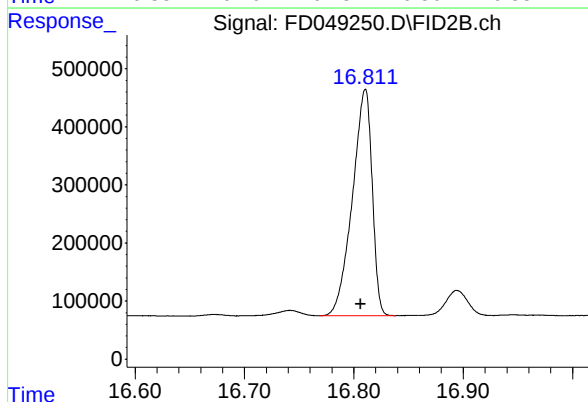
R.T.: 16.431 min
Delta R.T.: 0.004 min
Response: 5318836
Conc: 38.23 ug/ml



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

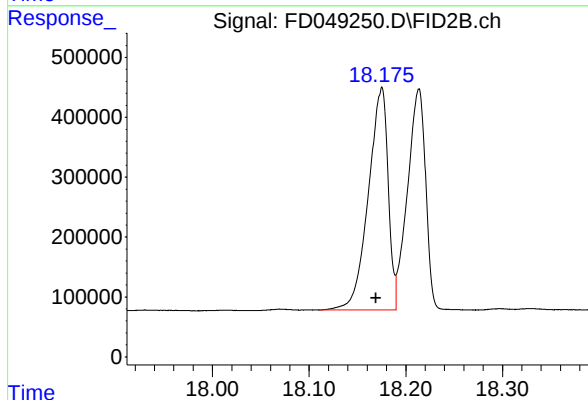
R.T.: 16.465 min
Delta R.T.: 0.005 min
Response: 5144896
Conc: 37.62 ug/ml

Instrument :
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B-149-SB01MS



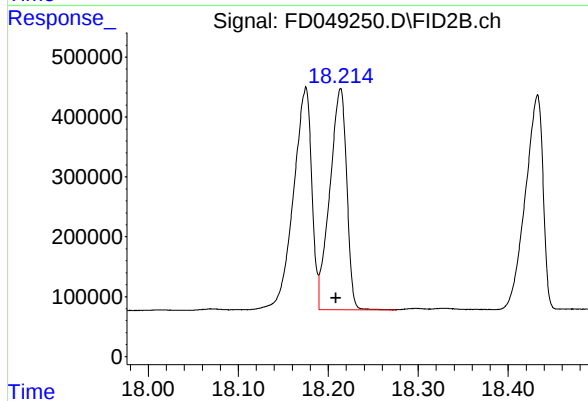
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.810 min
Delta R.T.: 0.004 min
Response: 4894190
Conc: 37.64 ug/ml



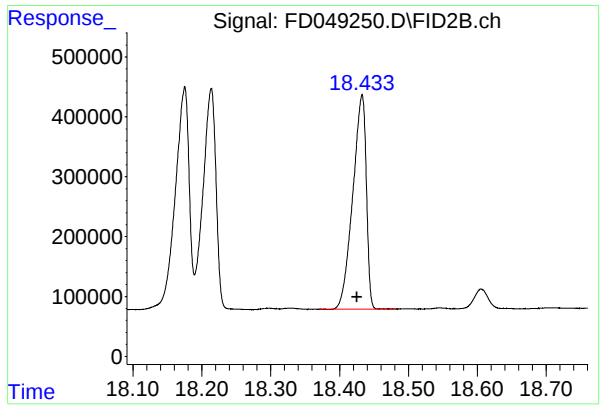
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.175 min
Delta R.T.: 0.006 min
Response: 5248171
Conc: 42.57 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.005 min
Response: 4820778
Conc: 38.13 ug/ml



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

R.T.: 18.433 min
Delta R.T.: 0.008 min
Response: 4881199
Conc: 37.39 ug/ml

Instrument :

FID_D

ClientSampleId :

B-149-SB01MS