

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049254.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 23:38
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 09 03:02:36 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

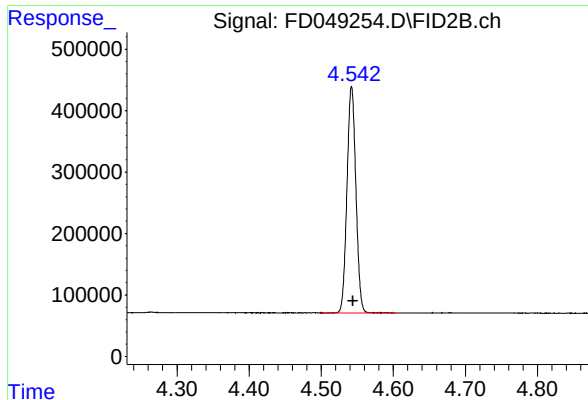
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.750	3154700	21.296 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
6) S 2-Fluorobiphenyl (SURR)	8.616	2178680	21.359 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.72%
11) S ortho-Terphenyl (SURR)	11.657	3575176	20.292 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	3170212	21.156 ug/ml
2) T Naphthalene (C11.7)	6.087	3447704	21.057 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	3459426	21.387 ug/ml
5) T Acenaphthylene (C15.06)	8.420	3694802	20.917 ug/ml
7) T Acenaphthene (C15.5)	8.716	3612246	20.967 ug/ml
8) T Fluorene (C16.55)	9.496	3654294	20.956 ug/ml
9) T Phenanthrene (C19.36)	10.894	3548959	20.680 ug/ml
10) T Anthracene (C19.43)	10.968	3301033	21.013 ug/ml
12) T Fluoranthene (C21.85)	12.706	3416326	20.211 ug/ml
13) T Pyrene (C20.8)	13.004	3379094	20.148 ug/ml
14) T Benzo[a]anthracene (C...	14.873	2945858	20.494 ug/ml
15) T Chrysene (C27.41)	14.915	2945243	20.411 ug/ml
16) T benzo[b]fluoranthene ...	16.423	2789597	20.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	2749002	20.100 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.802	2610107	20.072 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	2465672	20.001 ug/ml
20) T Dibenz[a,h]anthracene...	18.205	2628686	20.789 ug/ml
21) T Benzo[g,h,i]perylene ...	18.421	2630334	20.148 ug/ml

(f)=RT Delta > 1/2 Window

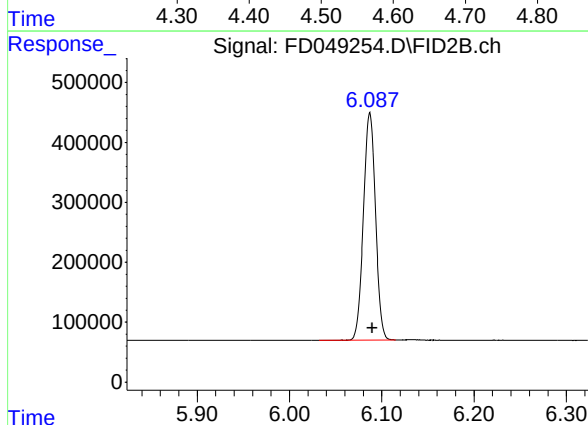
(m)=manual int.



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

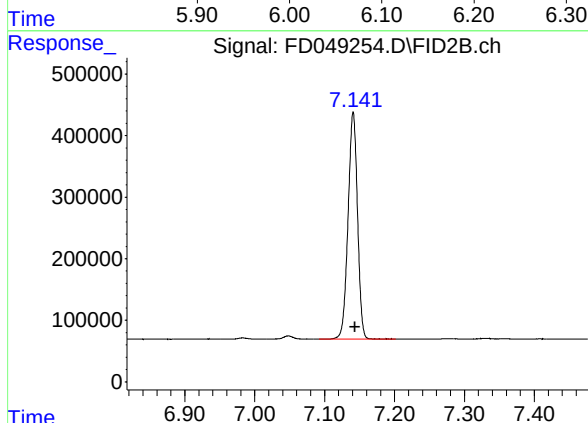
R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 3170212
Conc: 21.16 ug/ml

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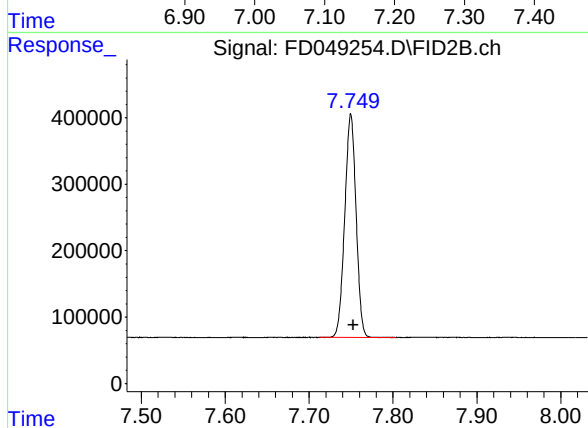
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 3447704
Conc: 21.06 ug/ml



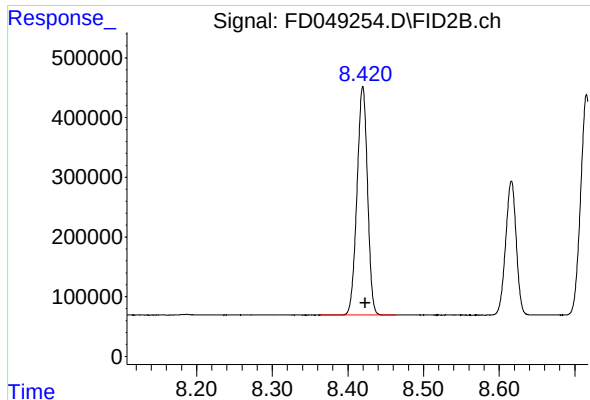
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 3459426
Conc: 21.39 ug/ml



#4 2-Bromonaphthalene (SURR)

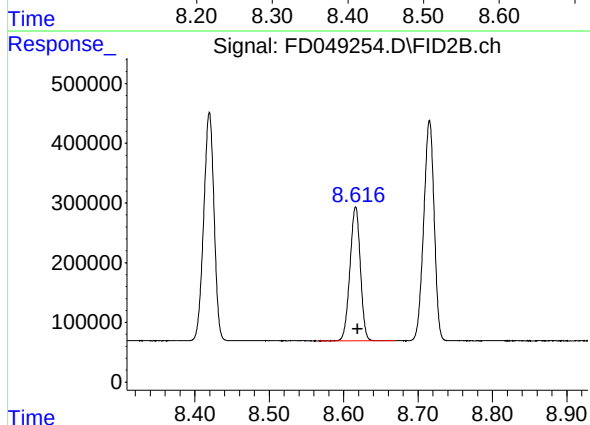
R.T.: 7.750 min
Delta R.T.: -0.003 min
Response: 3154700
Conc: 21.30 ug/ml



#5 Acenaphthylene (C15.06)

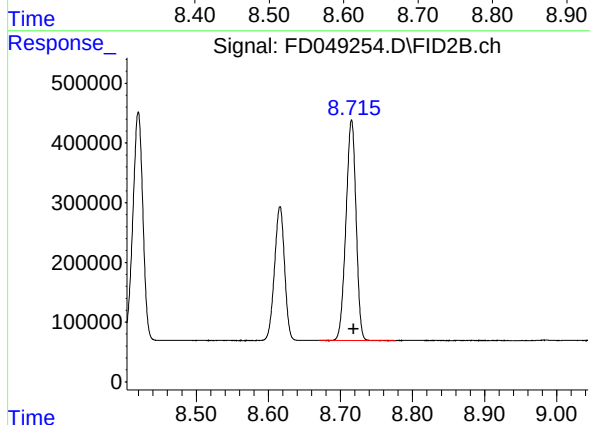
R.T.: 8.420 min
Delta R.T.: -0.003 min
Response: 3694802
Conc: 20.92 ug/ml

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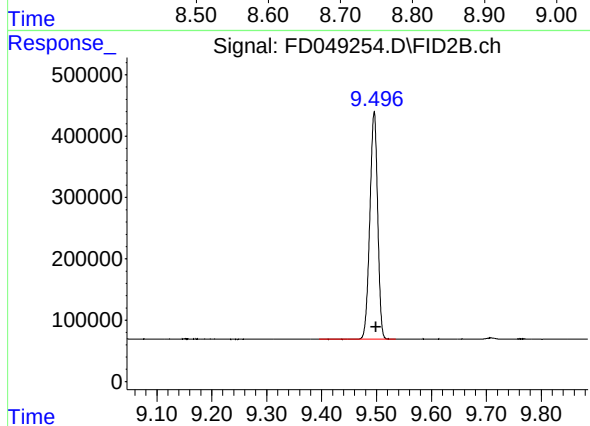
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 2178680
Conc: 21.36 ug/ml



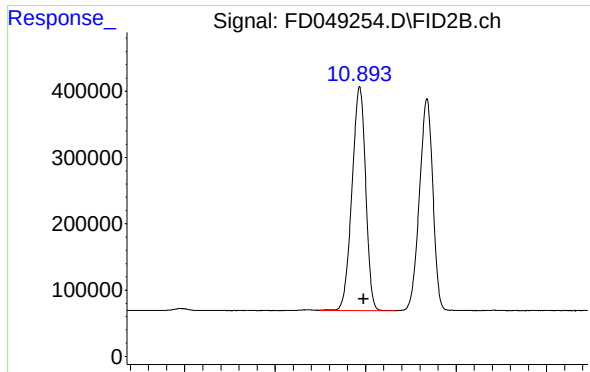
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.003 min
Response: 3612246
Conc: 20.97 ug/ml



#8 Flouorene (C16.55)

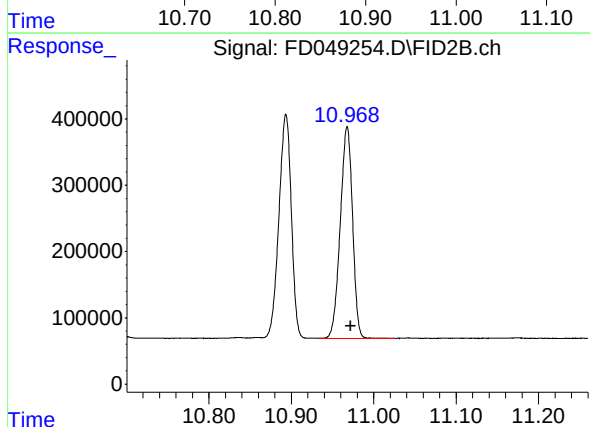
R.T.: 9.496 min
Delta R.T.: -0.003 min
Response: 3654294
Conc: 20.96 ug/ml



#9 Phenanthrene (C19.36)

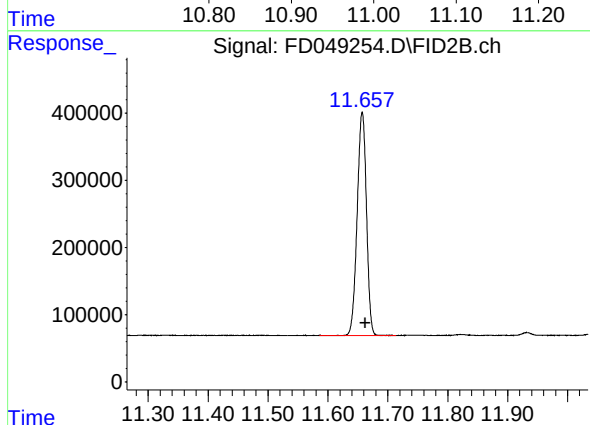
R.T.: 10.894 min
Delta R.T.: -0.004 min
Response: 3548959
Conc: 20.68 ug/ml

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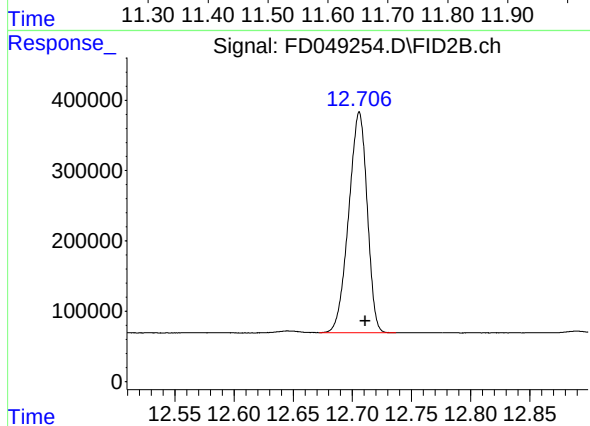
#10 Anthracene (C19.43)

R.T.: 10.968 min
Delta R.T.: -0.004 min
Response: 3301033
Conc: 21.01 ug/ml



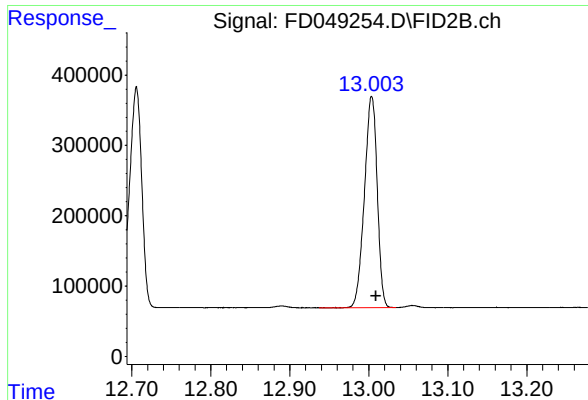
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 3575176
Conc: 20.29 ug/ml



#12 Fluoranthene (C21.85)

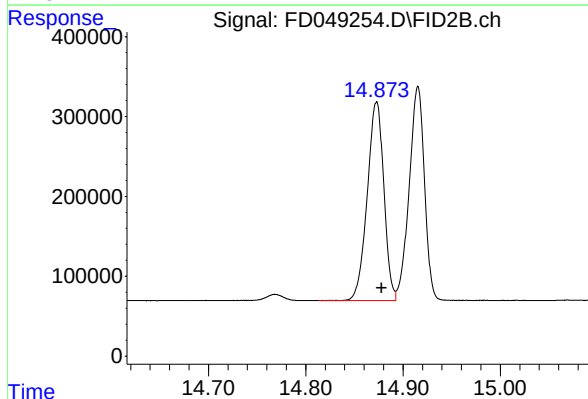
R.T.: 12.706 min
Delta R.T.: -0.005 min
Response: 3416326
Conc: 20.21 ug/ml



#13 Pyrene (C20.8)

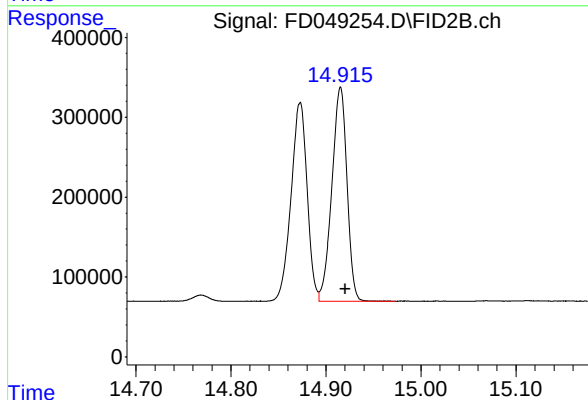
R.T.: 13.004 min
Delta R.T.: -0.006 min
Response: 3379094
Conc: 20.15 ug/ml

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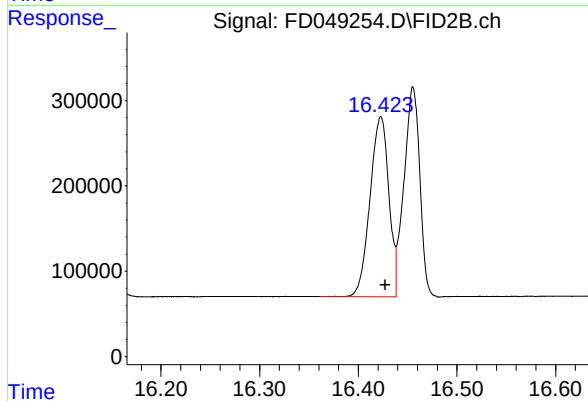
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.873 min
Delta R.T.: -0.005 min
Response: 2945858
Conc: 20.49 ug/ml



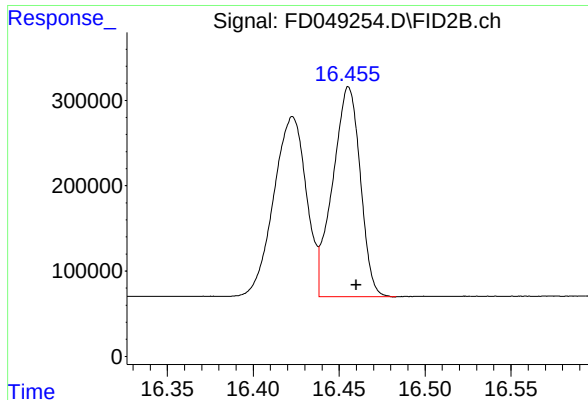
#15 Chrysene (C27.41)

R.T.: 14.915 min
Delta R.T.: -0.005 min
Response: 2945243
Conc: 20.41 ug/ml



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

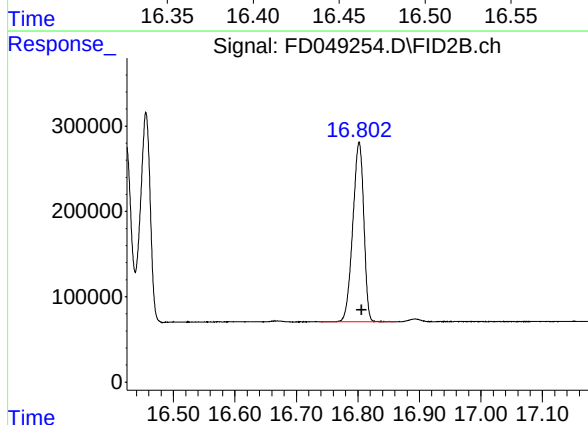
R.T.: 16.423 min
Delta R.T.: -0.004 min
Response: 2789597
Conc: 20.05 ug/ml



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

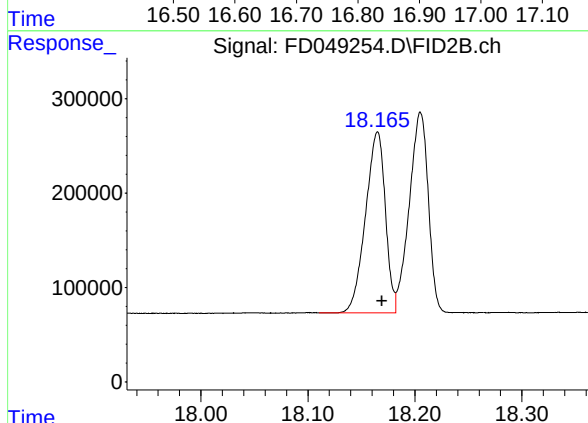
R.T.: 16.456 min
Delta R.T.: -0.004 min
Response: 2749002
Conc: 20.10 ug/ml

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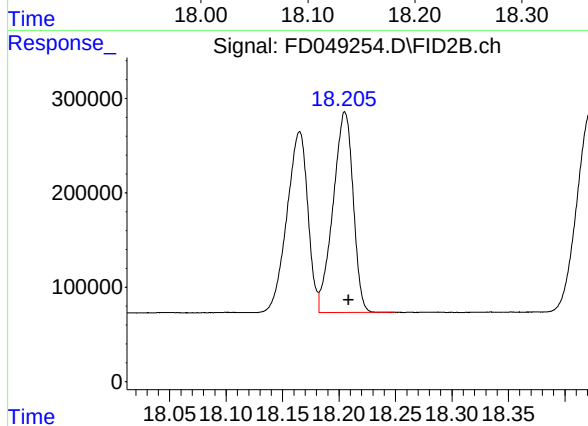
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.802 min
Delta R.T.: -0.004 min
Response: 2610107
Conc: 20.07 ug/ml



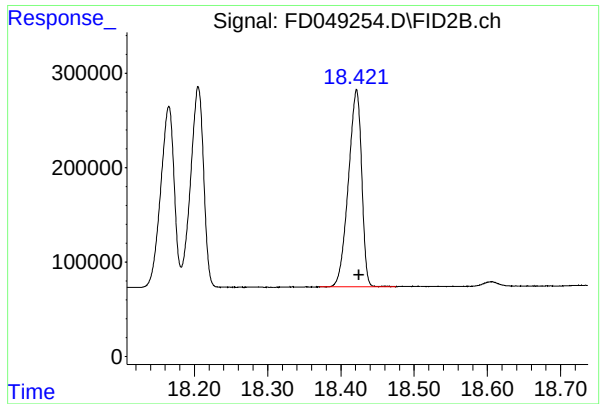
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.165 min
Delta R.T.: -0.004 min
Response: 2465672
Conc: 20.00 ug/ml



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

R.T.: 18.205 min
Delta R.T.: -0.003 min
Response: 2628686
Conc: 20.79 ug/ml



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

R.T.: 18.421 min

Delta R.T.: -0.004 min

Response: 2630334

Conc: 20.15 ug/ml

Instrument :

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