

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049710.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 12:48
 Operator : YP/AJ
 Sample : PB169439BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 23:09:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

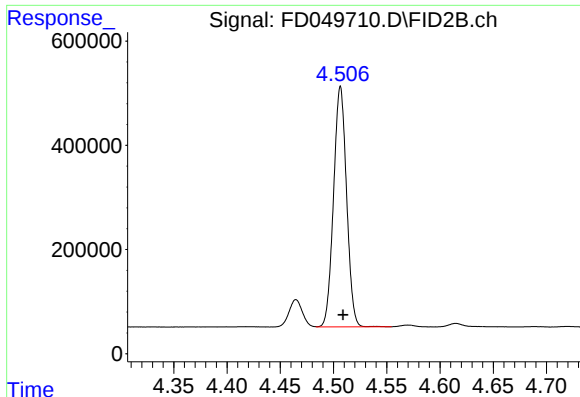
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.715	5176526	50.509 ug/ml
Spiked Amount 50.000		Recovery =	101.02%
6) S 2-Fluorobiphenyl (SURR)	8.580	3636855	49.789 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.58%
11) S ortho-Terphenyl (SURR)	11.627	5742868	44.246 ug/ml
Spiked Amount 50.000		Recovery =	88.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3921945	38.747 ug/ml
2) T Naphthalene (C11.7)	6.049	5004090	43.643 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	5199730	43.588 ug/ml
5) T Acenaphthylene (C15.06)	8.384	6511246	51.795 ug/ml
7) T Acenaphthene (C15.5)	8.681	6642887	52.832 ug/ml
8) T Flouorene (C16.55)	9.463	7259876	57.341 ug/ml
9) T Phenanthrene (C19.36)	10.862	7680482	59.457 ug/ml
10) T Anthracene (C19.43)	10.938	7774145	63.105 ug/ml
12) T Fluoranthene (C21.85)	12.678	7815078	61.047 ug/ml
13) T Pyrene (C20.8)	12.977	7869498	61.981 ug/ml
14) T Benzo[a]anthracene (C...	14.849	7264028	62.949 ug/ml
15) T Chrysene (C27.41)	14.895	8019497	68.494 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6965784	61.246 ug/ml
17) T Bnezo[k]fluoranthene ...	16.401	6965784	65.072 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.782	6730572	60.670 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	7123563	69.108 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	7123563	65.355 ug/ml
21) T Benzo[g,h,i]perylene ...	18.407	6350242	58.112 ug/ml

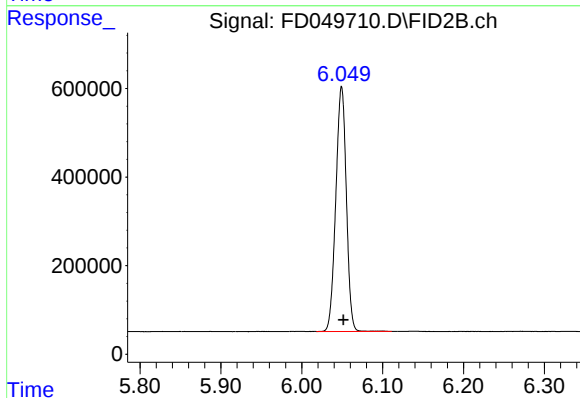
(f)=RT Delta > 1/2 Window

(m)=manual int.



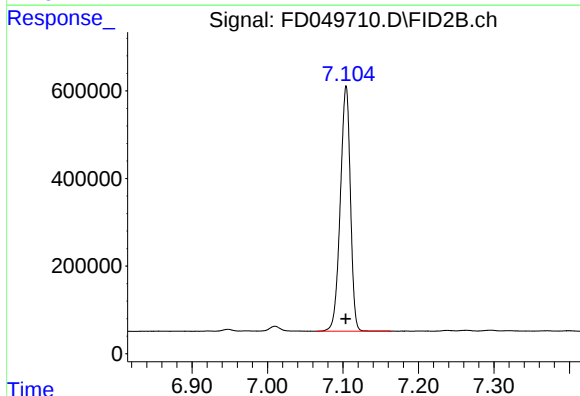
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 3921945
Conc: 38.75 ug/ml



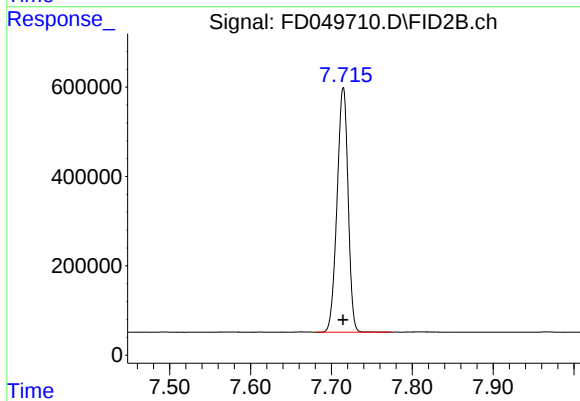
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 5004090
Conc: 43.64 ug/ml



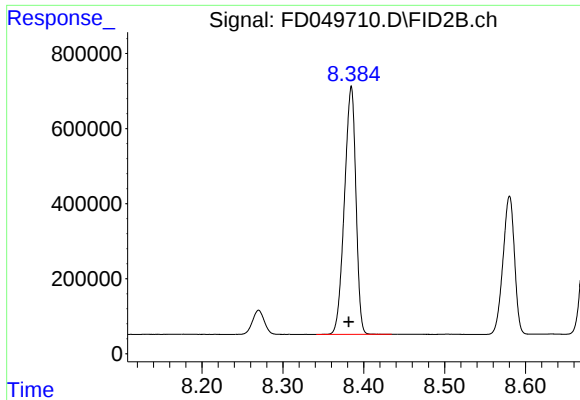
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 5199730
Conc: 43.59 ug/ml



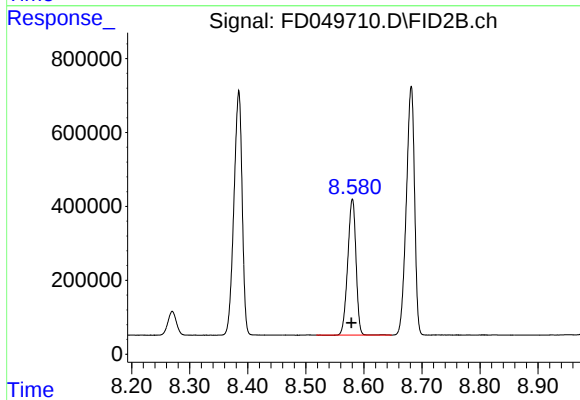
#4 2-Bromonaphthalene (SURR)

R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 5176526
Conc: 50.51 ug/ml



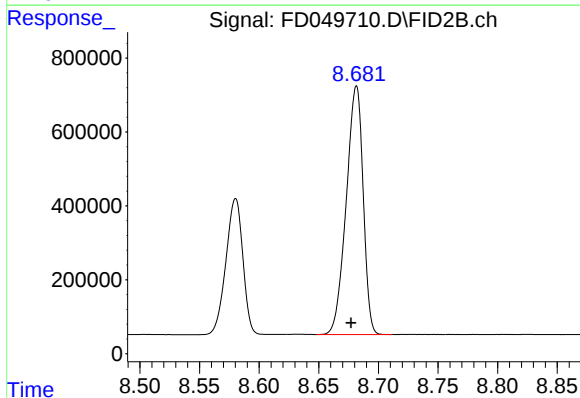
#5 Acenaphthylene (C15.06)

R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 6511246
Conc: 51.79 ug/ml



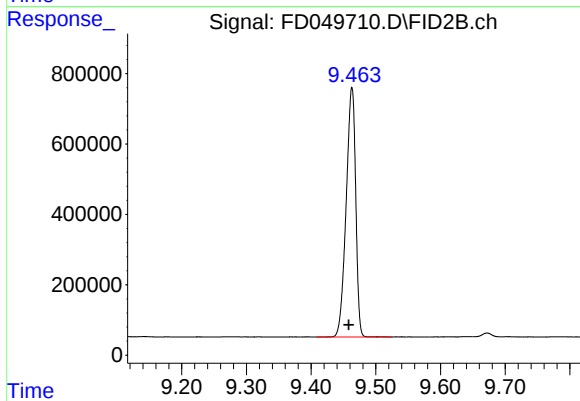
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 3636855
Conc: 49.79 ug/ml



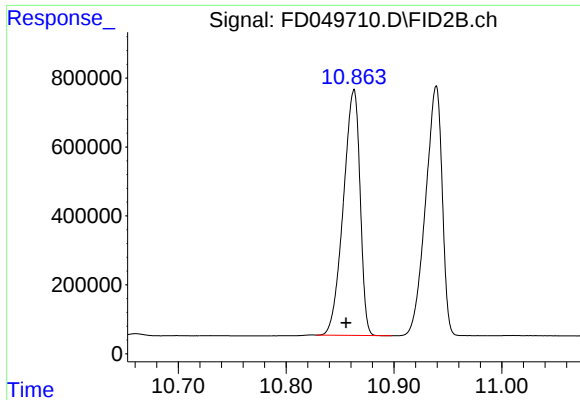
#7 Acenaphthene (C15.5)

R.T.: 8.681 min
Delta R.T.: 0.004 min
Response: 6642887
Conc: 52.83 ug/ml



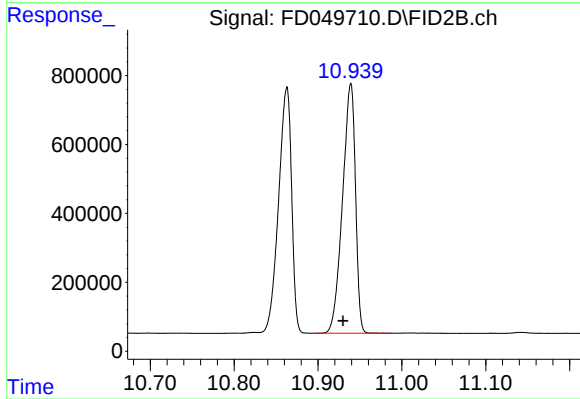
#8 Fluorene (C16.55)

R.T.: 9.463 min
Delta R.T.: 0.005 min
Response: 7259876
Conc: 57.34 ug/ml



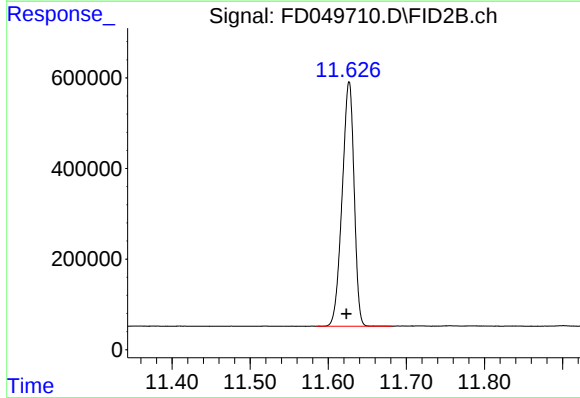
#9 Phenanthrene (C19.36)

R.T.: 10.862 min
Delta R.T.: 0.007 min
Response: 7680482
Conc: 59.46 ug/ml



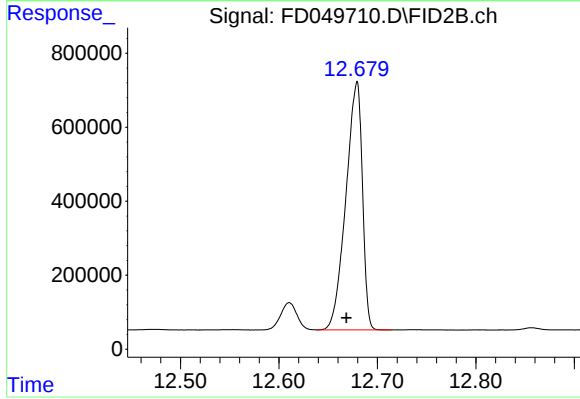
#10 Anthracene (C19.43)

R.T.: 10.938 min
Delta R.T.: 0.009 min
Response: 7774145
Conc: 63.11 ug/ml



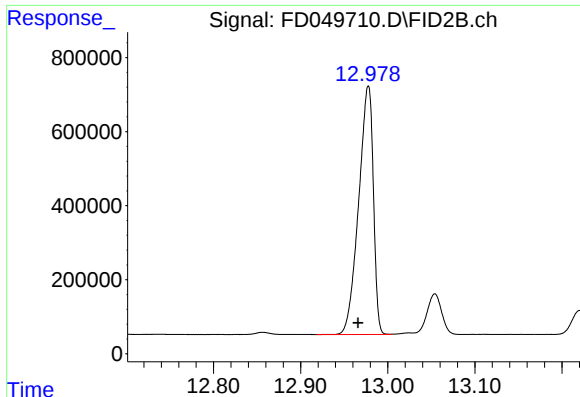
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 5742868
Conc: 44.25 ug/ml



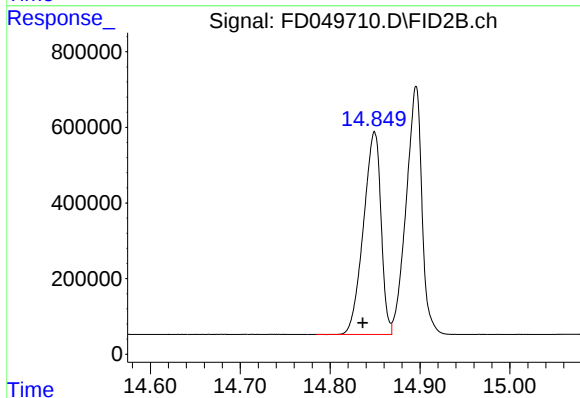
#12 Fluoranthene (C21.85)

R.T.: 12.678 min
Delta R.T.: 0.010 min
Response: 7815078
Conc: 61.05 ug/ml



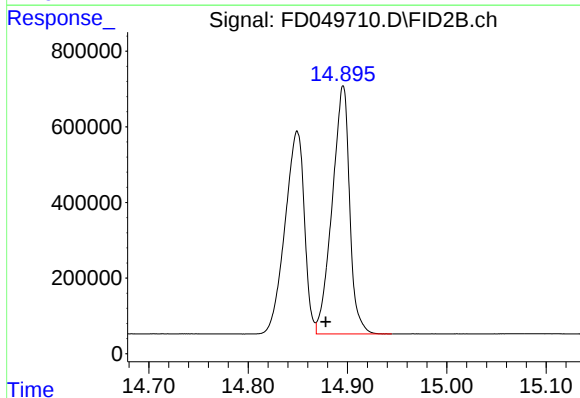
#13 Pyrene (C20.8)

R.T.: 12.977 min
Delta R.T.: 0.011 min
Response: 7869498
Conc: 61.98 ug/ml



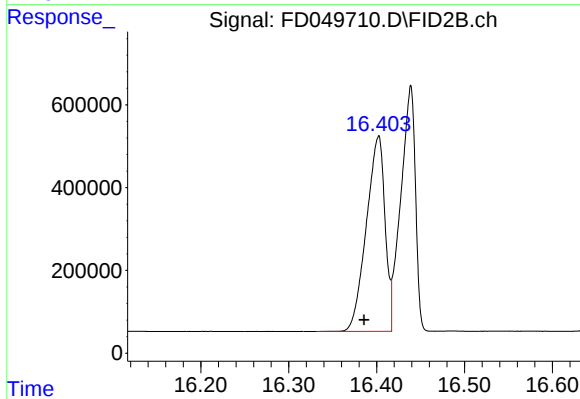
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.849 min
Delta R.T.: 0.013 min
Response: 7264028
Conc: 62.95 ug/ml



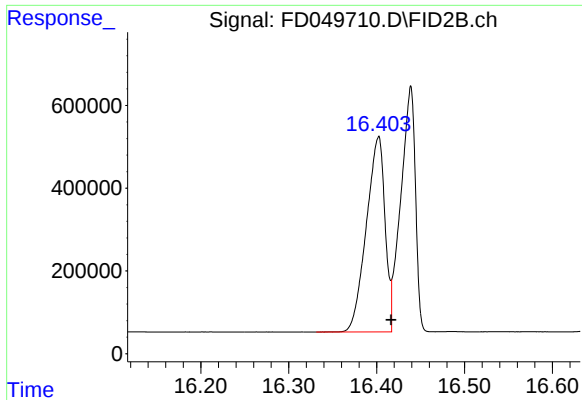
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: 0.017 min
Response: 8019497
Conc: 68.49 ug/ml



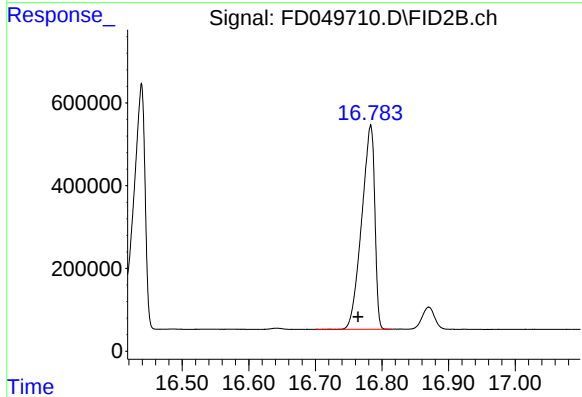
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.401 min
Delta R.T.: 0.016 min
Response: 6965784
Conc: 61.25 ug/ml



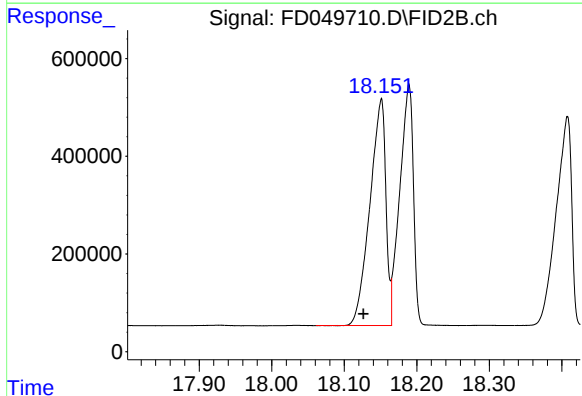
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.401 min
Delta R.T.: -0.015 min
Response: 6965784
Conc: 65.07 ug/ml



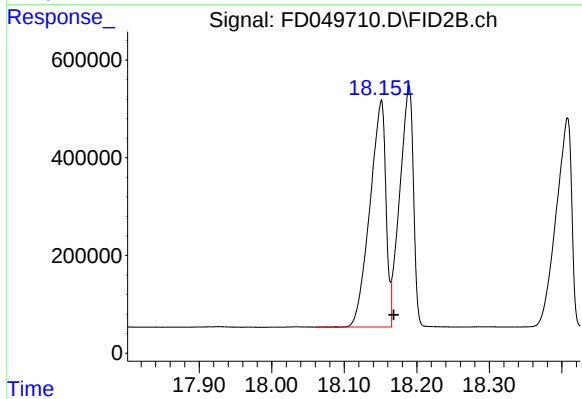
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.782 min
Delta R.T.: 0.018 min
Response: 6730572
Conc: 60.67 ug/ml



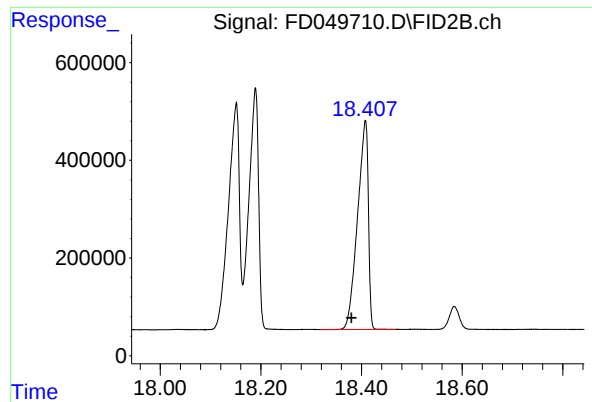
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: 0.024 min
Response: 7123563
Conc: 69.11 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.018 min
Response: 7123563
Conc: 65.35 ug/ml



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

R.T.: 18.407 min
Delta R.T.: 0.027 min
Response: 6350242
Conc: 58.11 ug/ml