

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062725AR\
 Data File : FD049528.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2025 12:31
 Operator : YP/AJ
 Sample : PB168639BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 28 02:40:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 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...	7.735	6395029	50.155 ug/ml
Spiked Amount 50.000		Recovery =	100.31%
6) S 2-Fluorobiphenyl (SURR)	8.601	4468820	50.330 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.66%
11) S ortho-Terphenyl (SURR)	11.646	6672088	42.072 ug/ml
Spiked Amount 50.000		Recovery =	84.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	4035833	34.749 ug/ml
2) T Naphthalene (C11.7)	6.071	5073860	37.801 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	5090385	36.029 ug/ml
5) T Acenaphthylene (C15.06)	8.404	6175508	39.501 ug/ml
7) T Acenaphthene (C15.5)	8.701	6274203	41.877 ug/ml
8) T Fluorene (C16.55)	9.482	6727616	43.732 ug/ml
9) T Phenanthrene (C19.36)	10.881	6975590	43.772 ug/ml
10) T Anthracene (C19.43)	10.956	6536470	41.633 ug/ml
12) T Fluoranthene (C21.85)	12.696	7192121	45.421 ug/ml
13) T Pyrene (C20.8)	12.994	7140137	45.131 ug/ml
14) T Benzo[a]anthracene (C...	14.866	7001112	47.439 ug/ml
15) T Chrysene (C27.41)	14.910	7521424	50.461 ug/ml
16) T benzo[b]fluoranthene ...	16.416	6814380	48.496 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	6679970	50.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	6389460	46.736 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.162	6549633	53.496 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	6000403	46.855 ug/ml
21) T Benzo[g,h,i]perylene ...	18.419	5936634	46.442 ug/ml

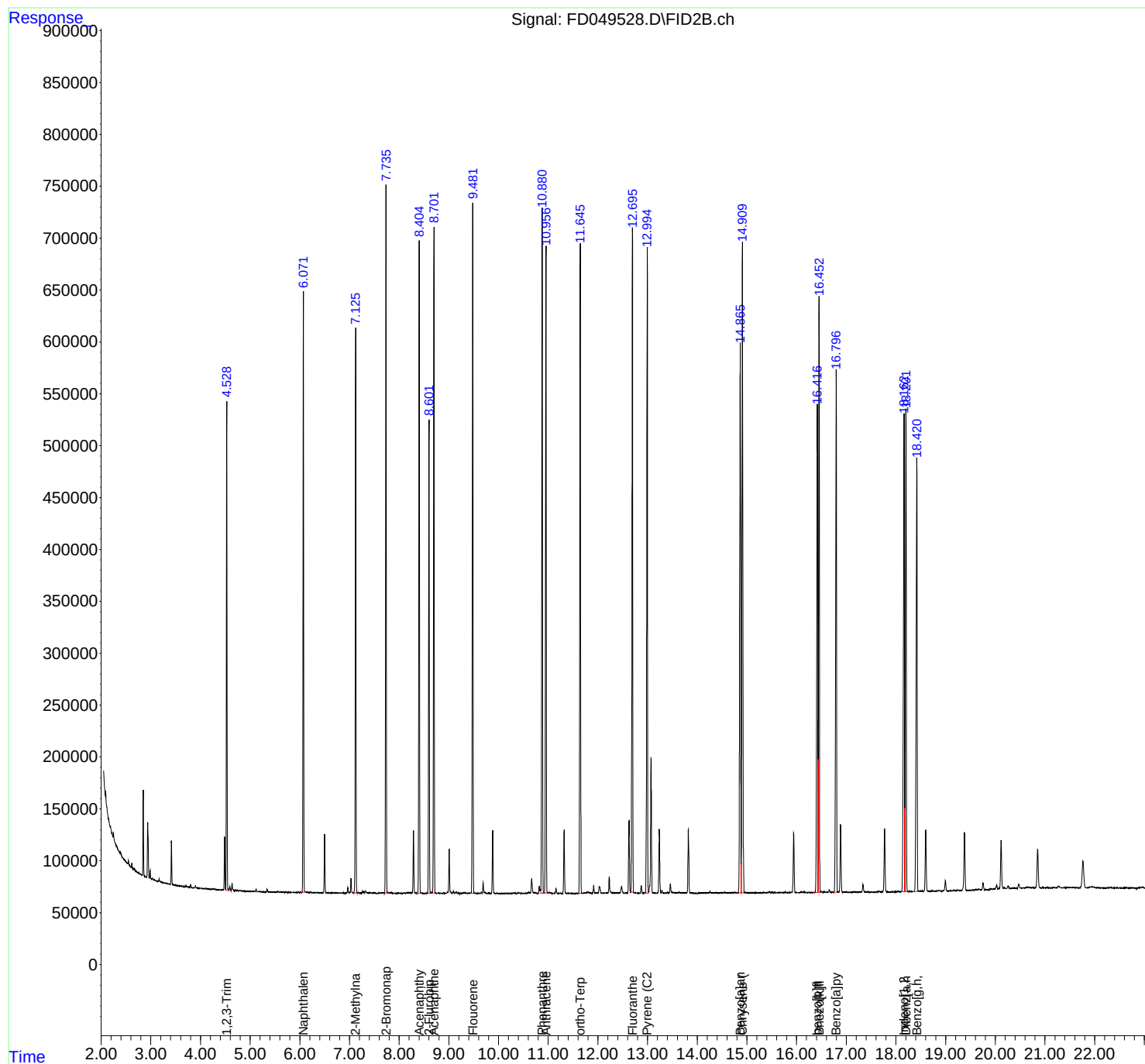
(f)=RT Delta > 1/2 Window

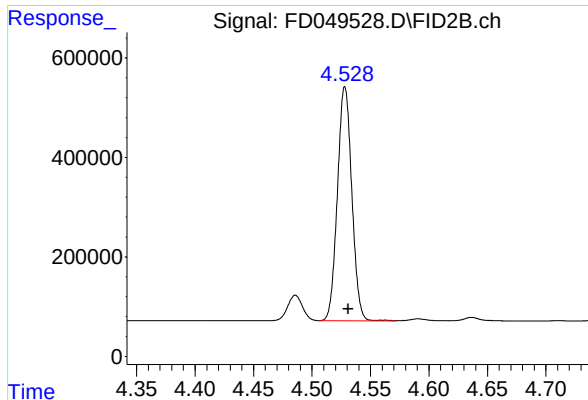
(m)=manual int.

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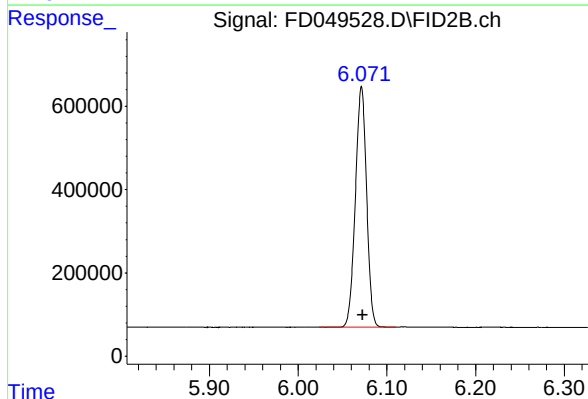
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Signal Info : 20M x 0.18mm x 0.18µm





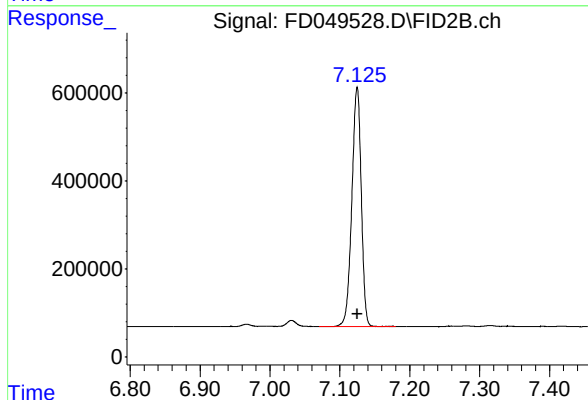
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 4035833
Conc: 34.75 ug/ml



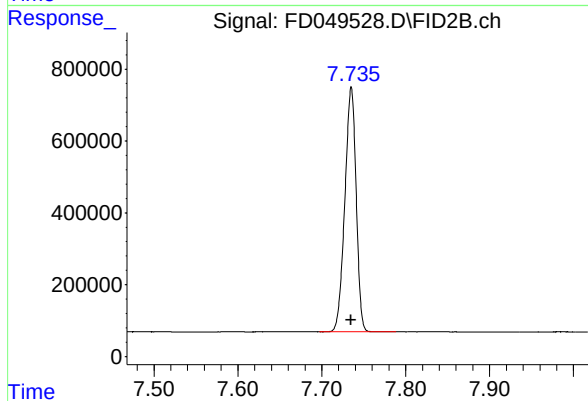
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 5073860
Conc: 37.80 ug/ml



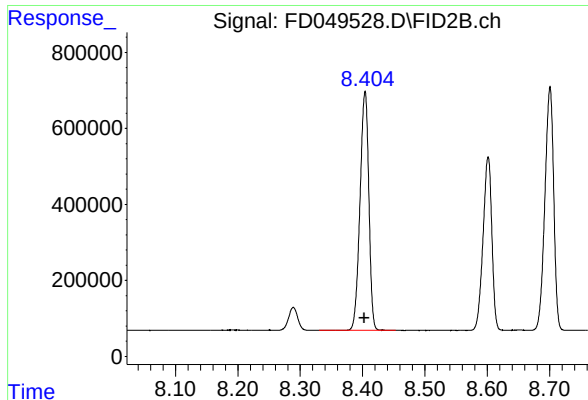
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 5090385
Conc: 36.03 ug/ml



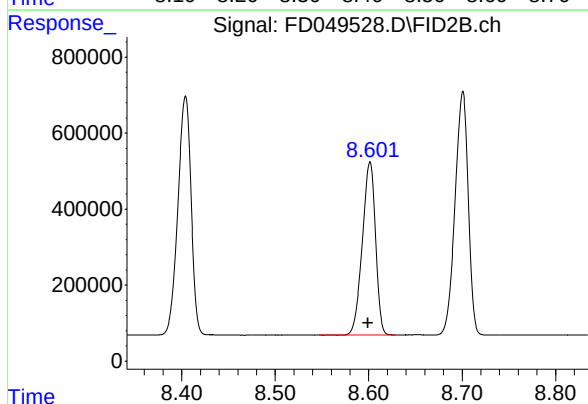
#4 2-Bromonaphthalene (SURR)

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 6395029
Conc: 50.15 ug/ml



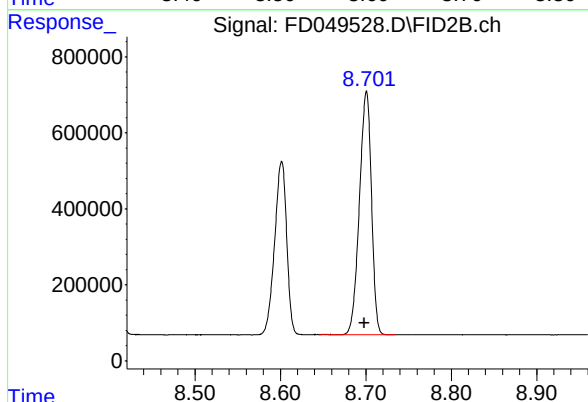
#5 Acenaphthylene (C15.06)

R.T.: 8.404 min
Delta R.T.: 0.001 min
Response: 6175508
Conc: 39.50 ug/ml



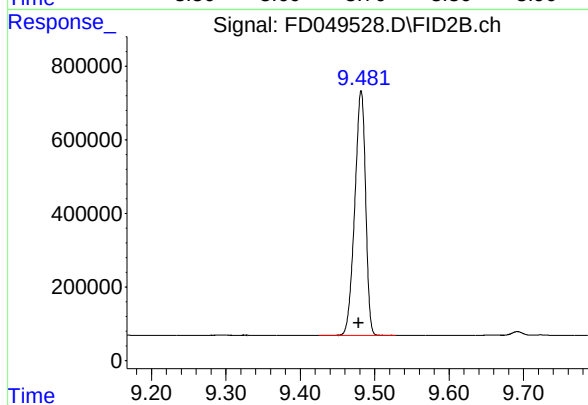
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 4468820
Conc: 50.33 ug/ml



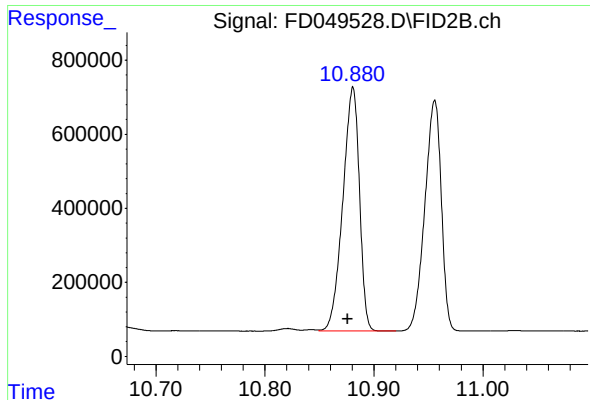
#7 Acenaphthene (C15.5)

R.T.: 8.701 min
Delta R.T.: 0.003 min
Response: 6274203
Conc: 41.88 ug/ml



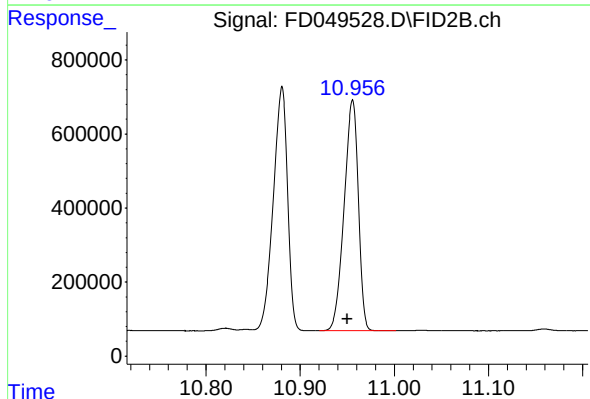
#8 Fluorene (C16.55)

R.T.: 9.482 min
Delta R.T.: 0.003 min
Response: 6727616
Conc: 43.73 ug/ml



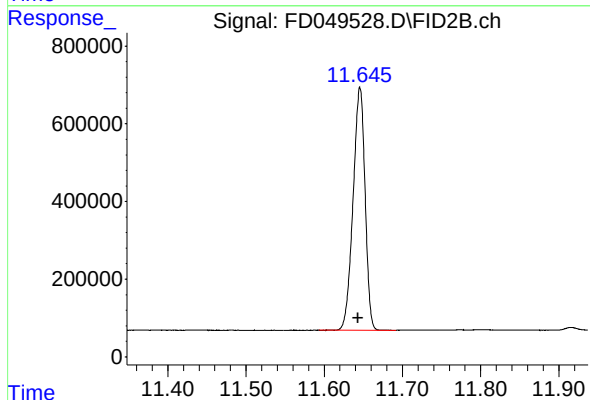
#9 Phenanthrene (C19.36)

R.T.: 10.881 min
Delta R.T.: 0.005 min
Response: 6975590
Conc: 43.77 ug/ml



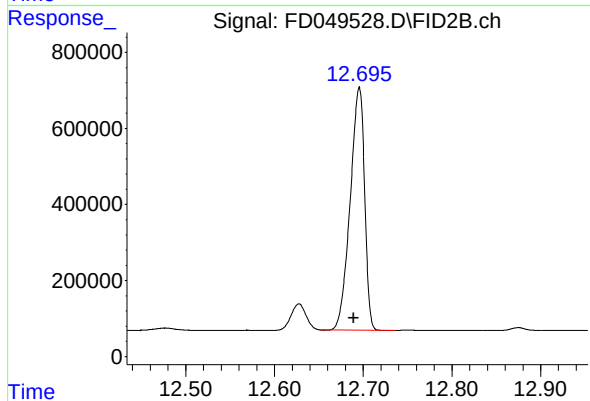
#10 Anthracene (C19.43)

R.T.: 10.956 min
Delta R.T.: 0.006 min
Response: 6536470
Conc: 41.63 ug/ml



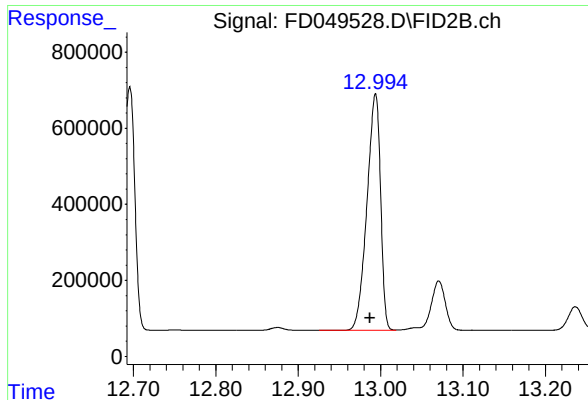
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.003 min
Response: 6672088
Conc: 42.07 ug/ml



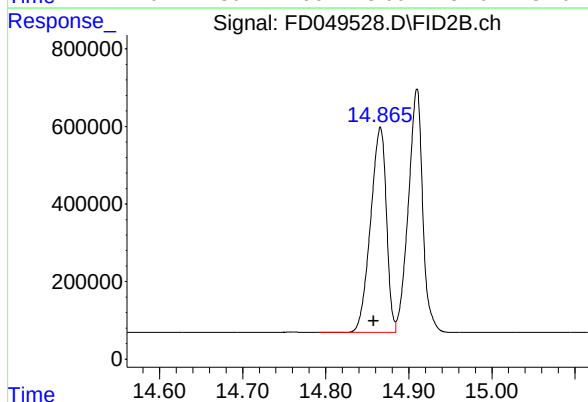
#12 Fluoranthene (C21.85)

R.T.: 12.696 min
Delta R.T.: 0.006 min
Response: 7192121
Conc: 45.42 ug/ml



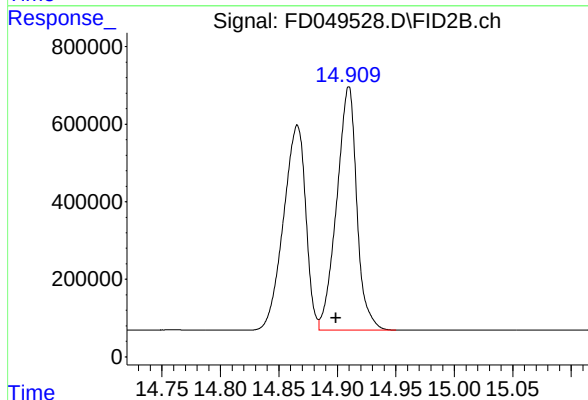
#13 Pyrene (C20.8)

R.T.: 12.994 min
Delta R.T.: 0.007 min
Response: 7140137
Conc: 45.13 ug/ml



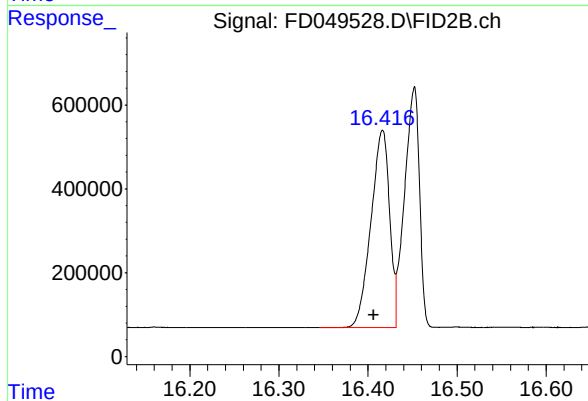
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.008 min
Response: 7001112
Conc: 47.44 ug/ml



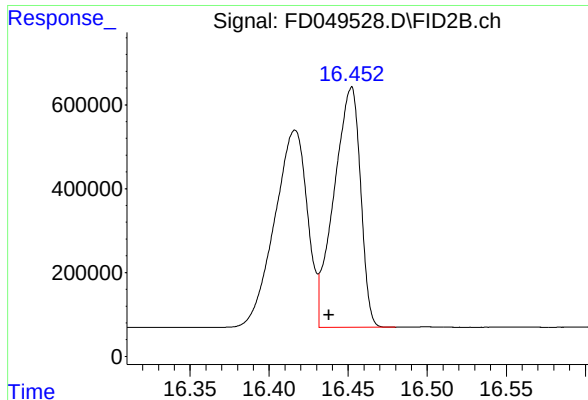
#15 Chrysene (C27.41)

R.T.: 14.910 min
Delta R.T.: 0.011 min
Response: 7521424
Conc: 50.46 ug/ml



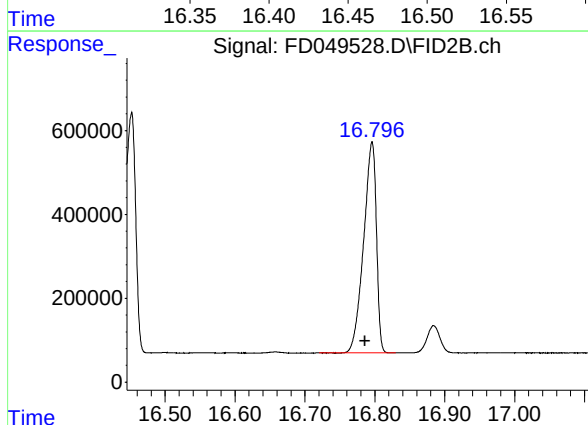
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.416 min
Delta R.T.: 0.010 min
Response: 6814380
Conc: 48.50 ug/ml



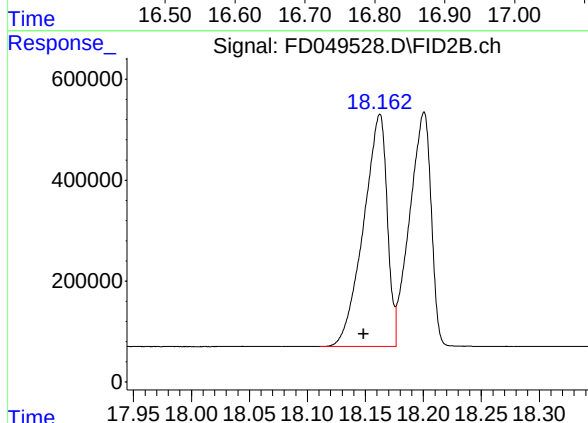
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.452 min
Delta R.T.: 0.014 min
Response: 6679970
Conc: 50.29 ug/ml



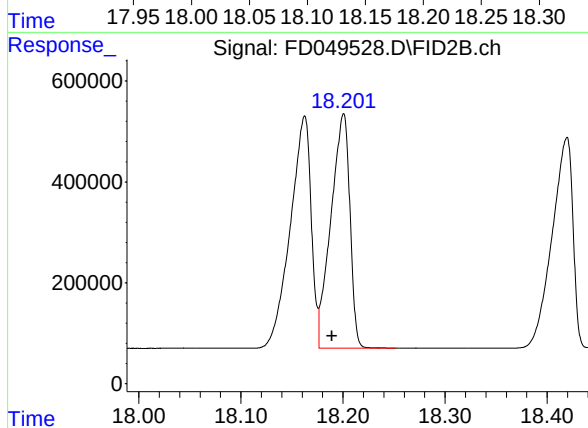
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: 0.011 min
Response: 6389460
Conc: 46.74 ug/ml



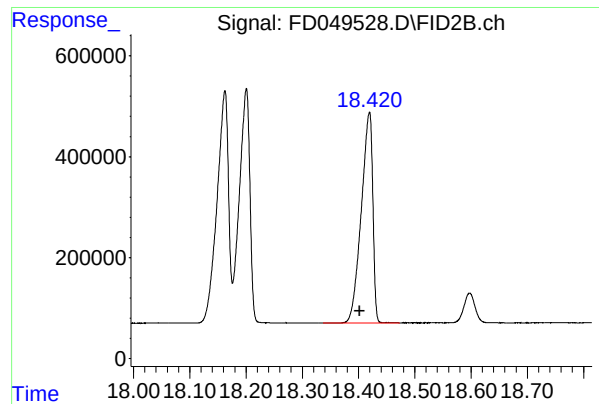
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.162 min
Delta R.T.: 0.014 min
Response: 6549633
Conc: 53.50 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.011 min
Response: 6000403
Conc: 46.85 ug/ml



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

R.T.: 18.419 min
Delta R.T.: 0.017 min
Response: 5936634
Conc: 46.44 ug/ml