

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062725AR\
 Data File : FD049527.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2025 11:45
 Operator : YP/AJ
 Sample : PB168639BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 28 02:40:18 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	6530714	51.219 ug/ml
Spiked Amount 50.000		Recovery =	102.44%
6) S 2-Fluorobiphenyl (SURR)	8.601	4571286	51.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.97%
11) S ortho-Terphenyl (SURR)	11.645	6866960	43.301 ug/ml
Spiked Amount 50.000		Recovery =	86.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4039633	34.782 ug/ml
2) T Naphthalene (C11.7)	6.072	5155833	38.411 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	5183882	36.691 ug/ml
5) T Acenaphthylene (C15.06)	8.404	6329291	40.485 ug/ml
7) T Acenaphthene (C15.5)	8.700	6443627	43.008 ug/ml
8) T Flouorene (C16.55)	9.482	6915828	44.956 ug/ml
9) T Phenanthrene (C19.36)	10.881	7179397	45.051 ug/ml
10) T Anthracene (C19.43)	10.955	6731993	42.878 ug/ml
12) T Fluoranthene (C21.85)	12.695	7369587	46.542 ug/ml
13) T Pyrene (C20.8)	12.994	7313736	46.228 ug/ml
14) T Benzo[a]anthracene (C...	14.865	7103067	48.130 ug/ml
15) T Chrysene (C27.41)	14.911	7638616	51.247 ug/ml
16) T benzo[b]fluoranthene ...	16.417	6862845	48.841 ug/ml
17) T Bnezo[k]fluoranthene ...	16.453	6731482	50.682 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	6424379	46.991 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.164	6558008	53.564 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	6002482	46.871 ug/ml
21) T Benzo[g,h,i]perylene ...	18.420	5950522	46.551 ug/ml

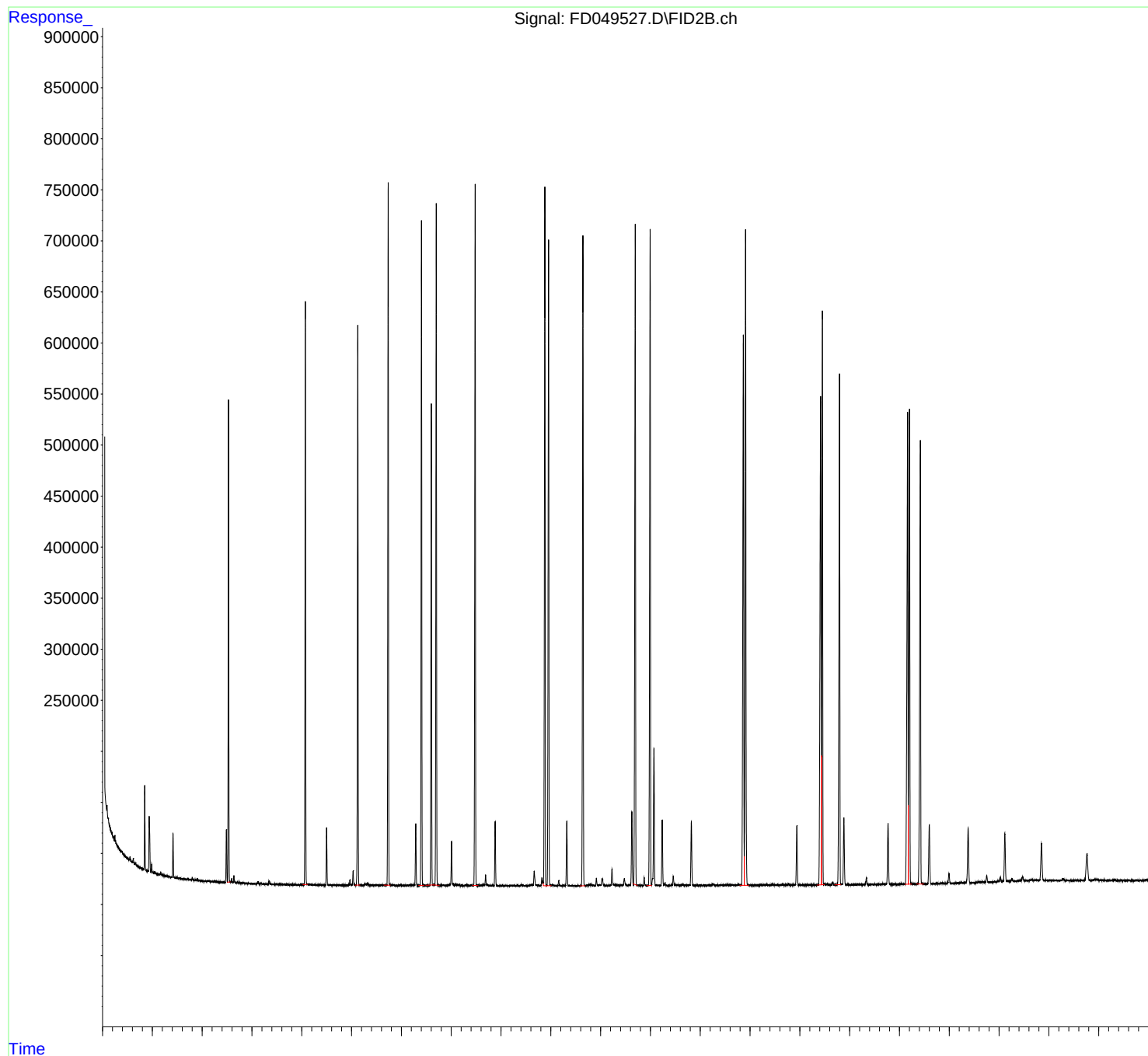
(f)=RT Delta > 1/2 Window

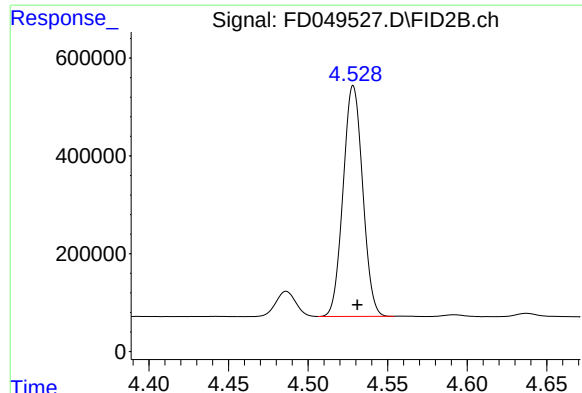
(m)=manual int.

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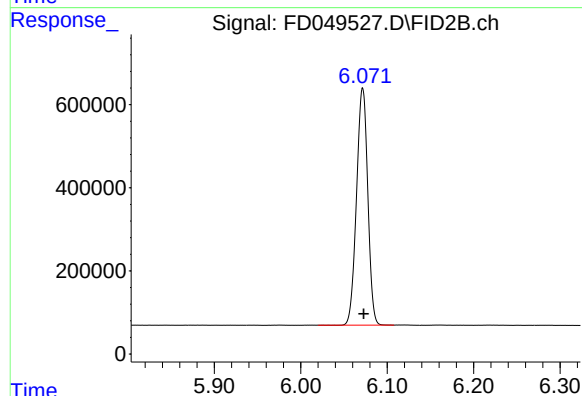
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





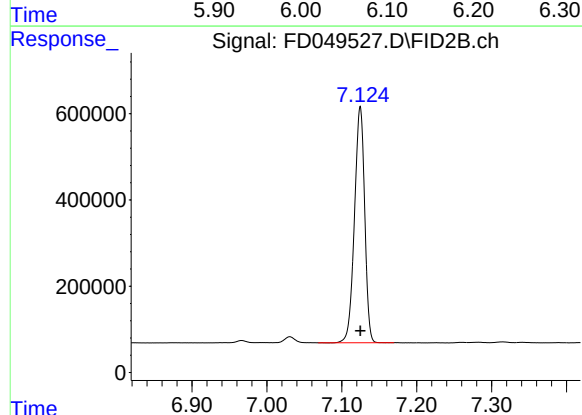
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 4039633
Conc: 34.78 ug/ml



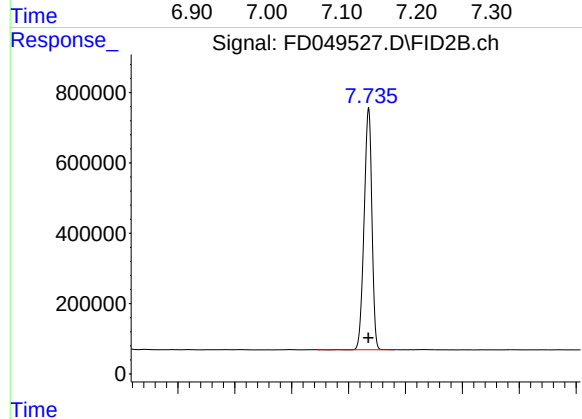
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 5155833
Conc: 38.41 ug/ml



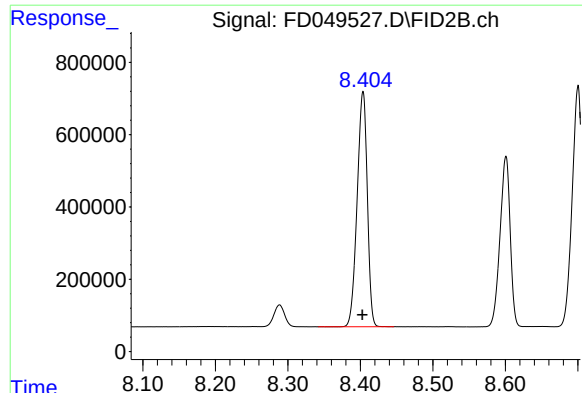
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 5183882
Conc: 36.69 ug/ml



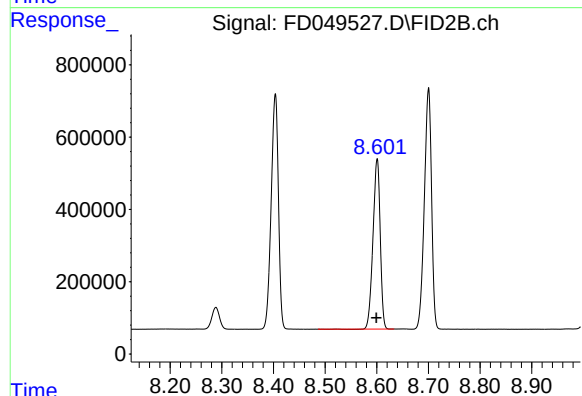
#4 2-Bromonaphthalene (SURR)

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 6530714
Conc: 51.22 ug/ml



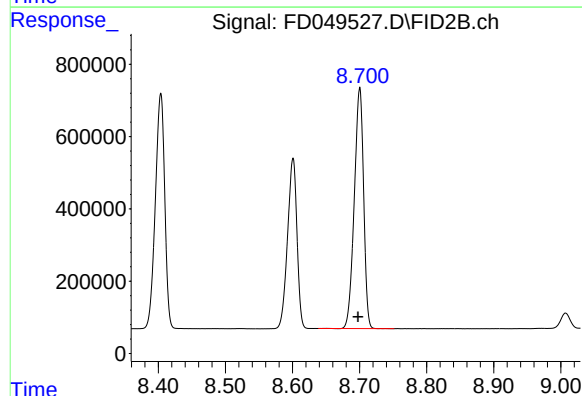
#5 Acenaphthylene (C15.06)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 6329291
Conc: 40.48 ug/ml



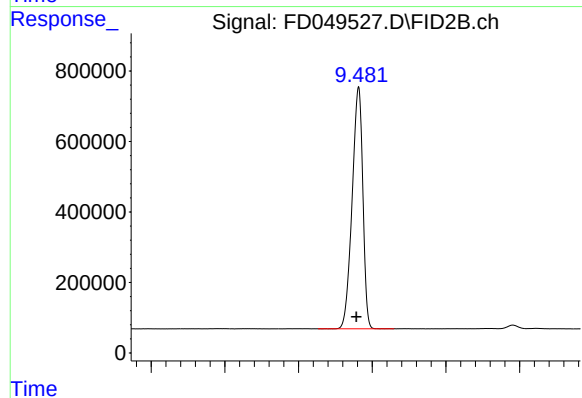
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.002 min
Response: 4571286
Conc: 51.48 ug/ml



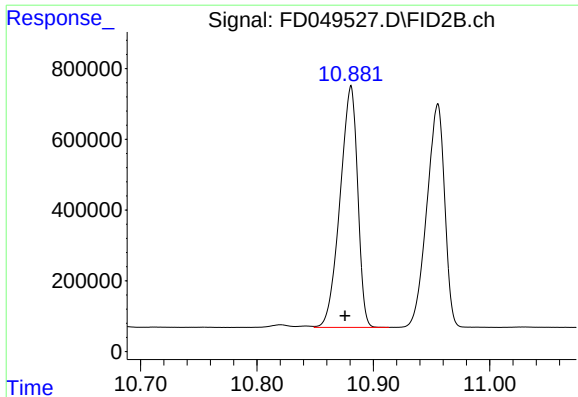
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: 0.002 min
Response: 6443627
Conc: 43.01 ug/ml



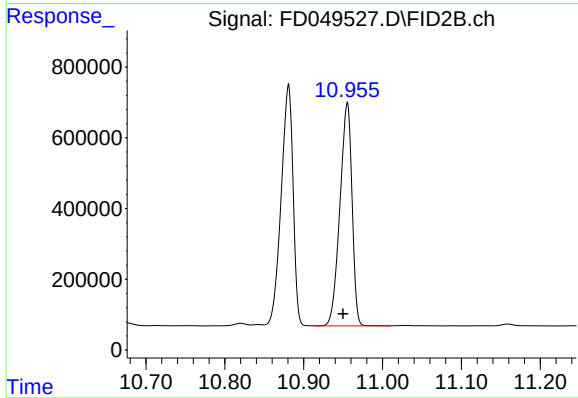
#8 Fluorene (C16.55)

R.T.: 9.482 min
Delta R.T.: 0.003 min
Response: 6915828
Conc: 44.96 ug/ml



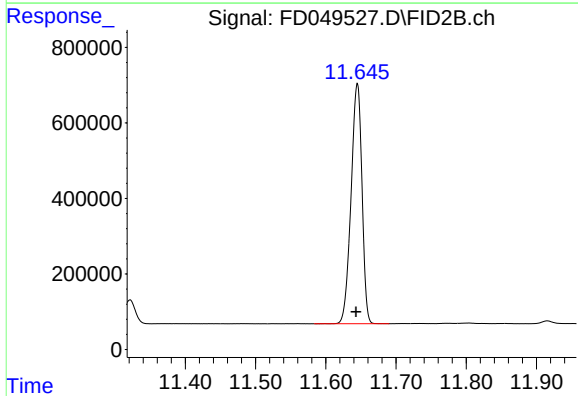
#9 Phenanthrene (C19.36)

R.T.: 10.881 min
Delta R.T.: 0.005 min
Response: 7179397
Conc: 45.05 ug/ml



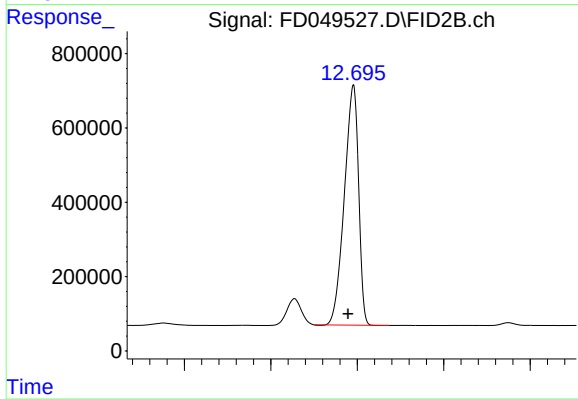
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.005 min
Response: 6731993
Conc: 42.88 ug/ml



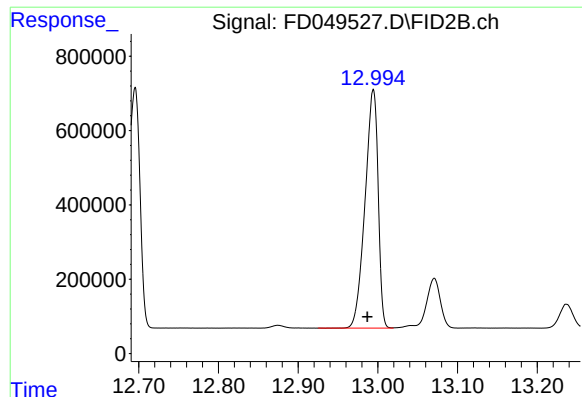
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.002 min
Response: 6866960
Conc: 43.30 ug/ml



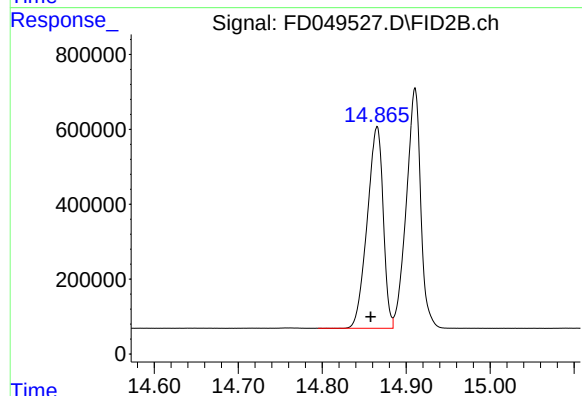
#12 Fluoranthene (C21.85)

R.T.: 12.695 min
Delta R.T.: 0.006 min
Response: 7369587
Conc: 46.54 ug/ml



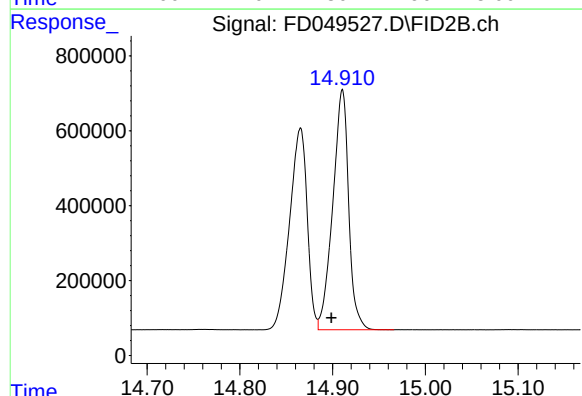
#13 Pyrene (C20.8)

R.T.: 12.994 min
Delta R.T.: 0.007 min
Response: 7313736
Conc: 46.23 ug/ml



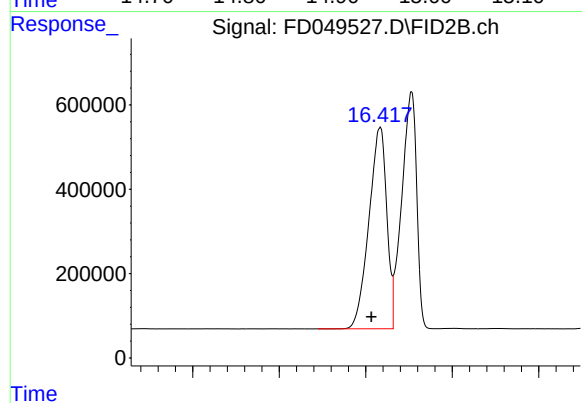
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.007 min
Response: 7103067
Conc: 48.13 ug/ml



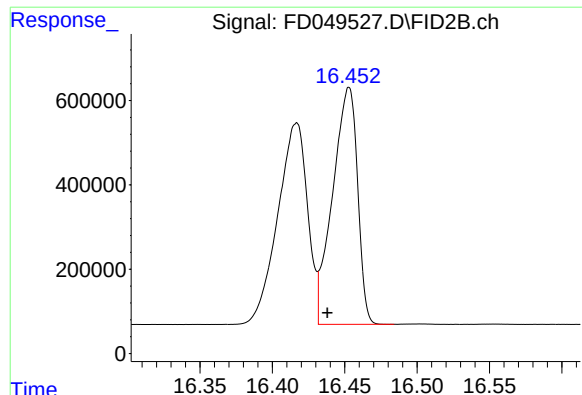
#15 Chrysene (C27.41)

R.T.: 14.911 min
Delta R.T.: 0.012 min
Response: 7638616
Conc: 51.25 ug/ml



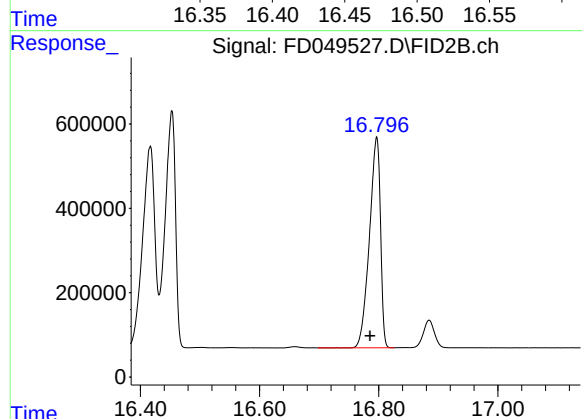
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.417 min
Delta R.T.: 0.010 min
Response: 6862845
Conc: 48.84 ug/ml



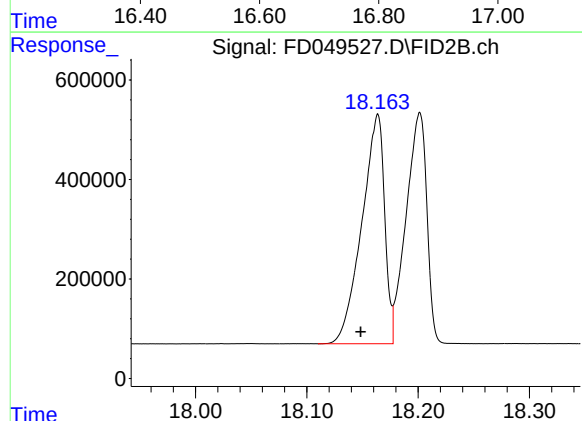
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.453 min
Delta R.T.: 0.015 min
Response: 6731482
Conc: 50.68 ug/ml



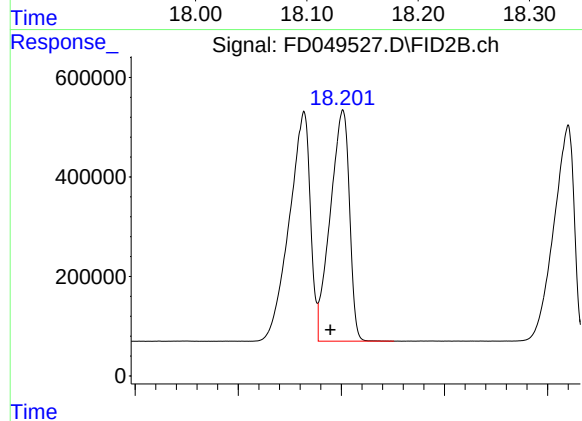
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.011 min
Response: 6424379
Conc: 46.99 ug/ml



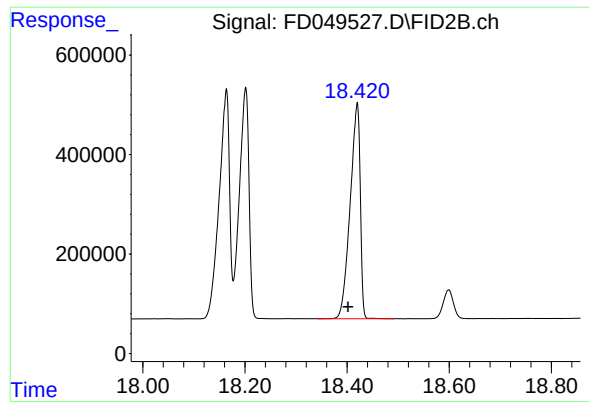
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.164 min
Delta R.T.: 0.015 min
Response: 6558008
Conc: 53.56 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.012 min
Response: 6002482
Conc: 46.87 ug/ml



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

R.T.: 18.420 min
Delta R.T.: 0.018 min
Response: 5950522
Conc: 46.55 ug/ml