

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021523AR\
 Data File : FD045027.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2023 12:44
 Operator : YP/AJ
 Sample : PB150849BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 06:05:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.557	6550935	44.667 ug/ml
Spiked Amount 50.000		Recovery =	89.33%
6) S 2-Fluorobiphenyl (SURR)	8.414	4260907	42.689 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.38%
11) S ortho-Terphenyl (SURR)	11.455	6571361	35.357 ug/ml
Spiked Amount 50.000		Recovery =	70.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5286292	33.116 ug/ml
2) T Naphthalene (C11.7)	5.896	5957890	35.164 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5861292	34.165 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6322392	40.234 ug/ml
7) T Acenaphthene (C15.5)	8.514	6400088	38.492 ug/ml
8) T Flouorene (C16.55)	9.293	6481519	39.489 ug/ml
9) T Phenanthrene (C19.36)	10.686	6686270	41.354 ug/ml
10) T Anthracene (C19.43)	10.761	6643561	44.814 ug/ml
12) T Fluoranthene (C21.85)	12.493	6806480	42.529 ug/ml
13) T Pyrene (C20.8)	12.789	6763370	43.102 ug/ml
14) T Benzo[a]anthracene (C...	14.654	6298293	44.129 ug/ml
15) T Chrysene (C27.41)	14.699	6244657	42.176 ug/ml
16) T benzo[b]fluoranthene ...	16.200	6291017	43.366 ug/ml
17) T Bnezo[k]fluoranthene ...	16.234	5942597	41.681 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5569403	39.856 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	5898649	43.833 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	5703795	43.041 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	5919025	43.533 ug/ml

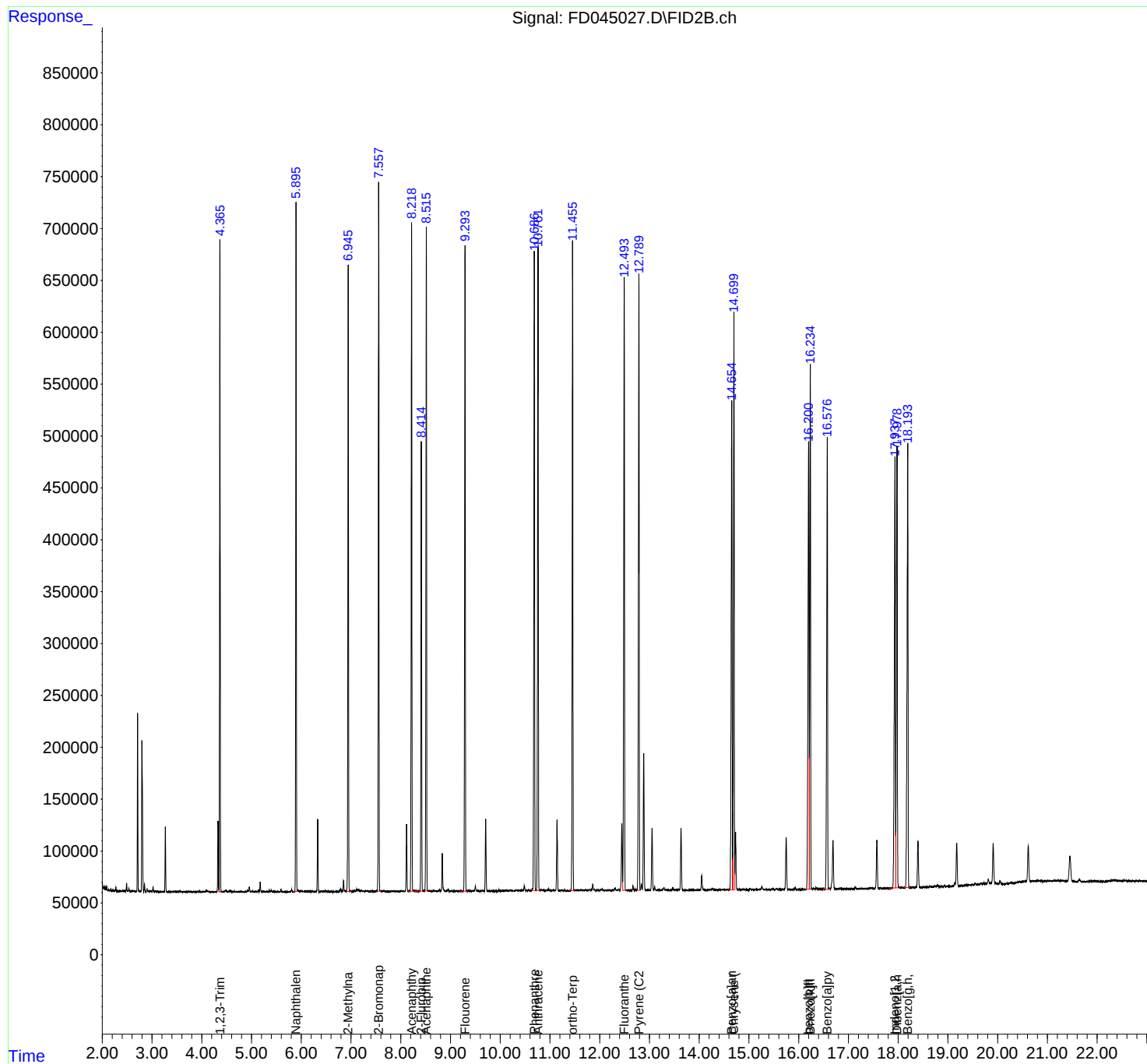
(f)=RT Delta > 1/2 Window

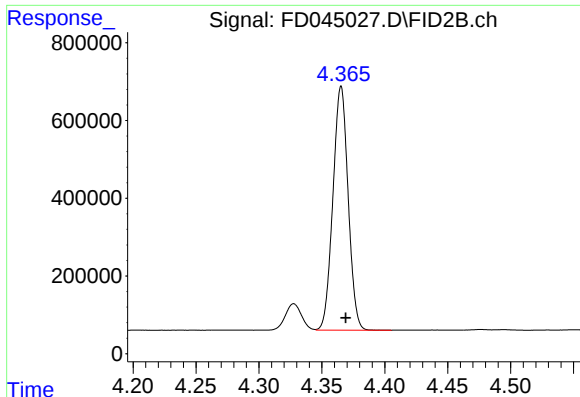
(m)=manual int.

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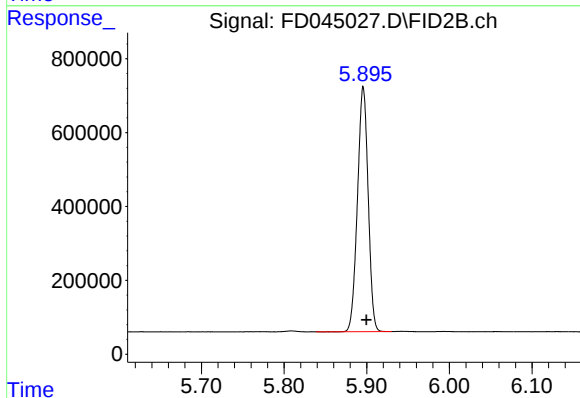
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Signal Info : 20M x 0.18mm x 0.18µm





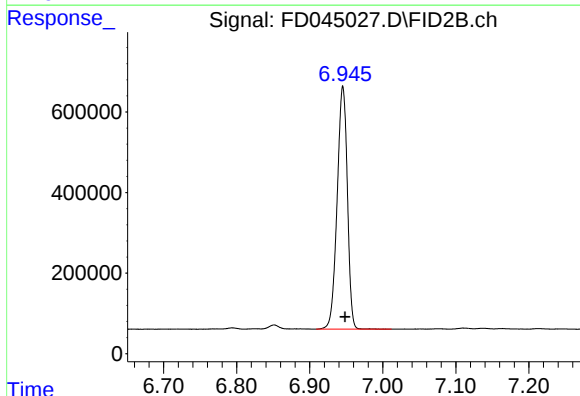
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5286292
Conc: 33.12 ug/ml



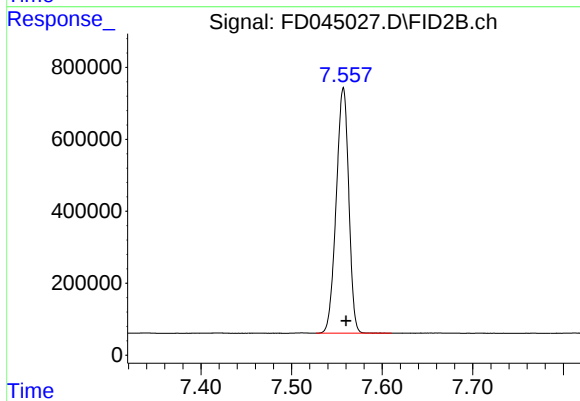
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5957890
Conc: 35.16 ug/ml



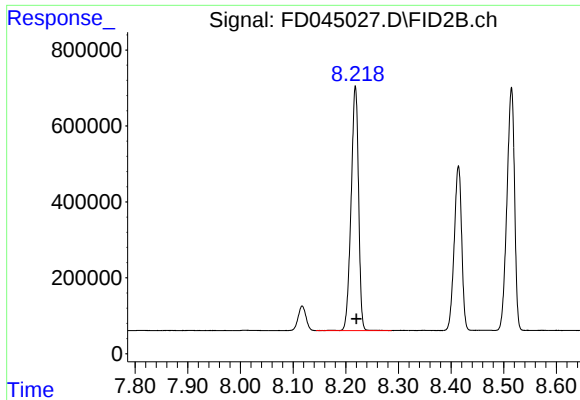
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 5861292
Conc: 34.16 ug/ml



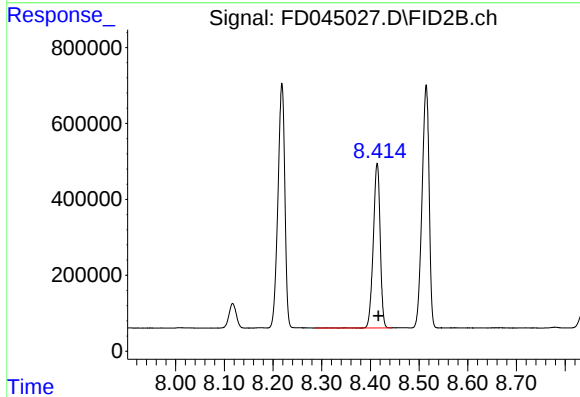
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6550935
Conc: 44.67 ug/ml



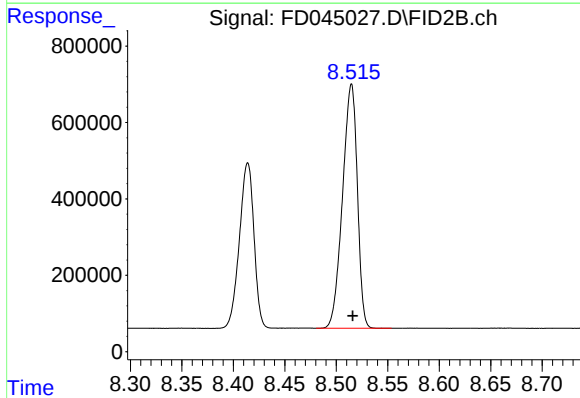
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 6322392
Conc: 40.23 ug/ml



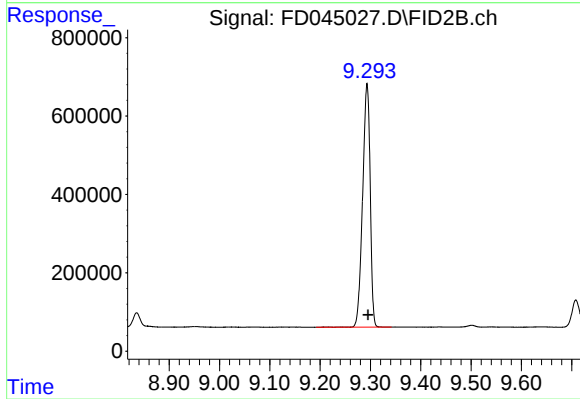
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4260907
Conc: 42.69 ug/ml



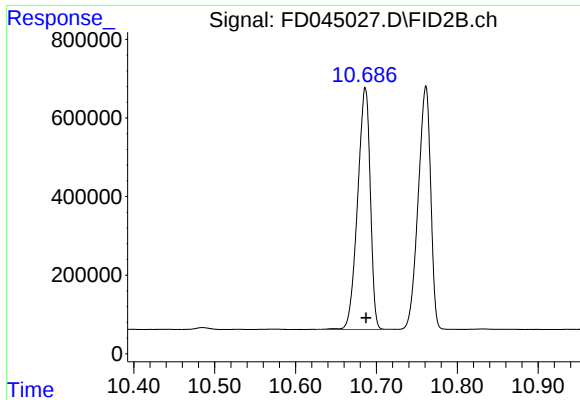
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.001 min
Response: 6400088
Conc: 38.49 ug/ml



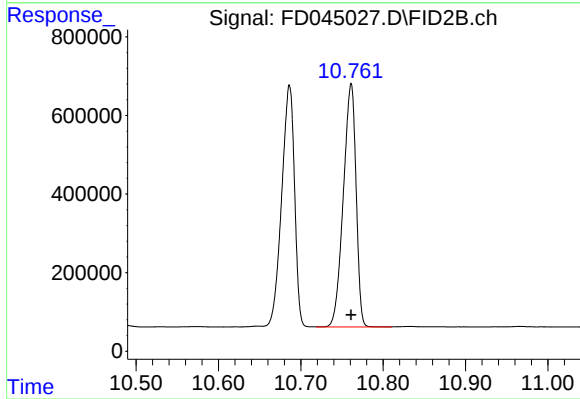
#8 Flouorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 6481519
Conc: 39.49 ug/ml



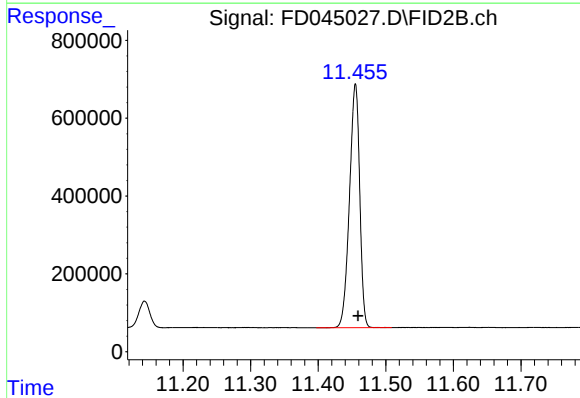
#9 Phenanthrene (C19.36)

R.T.: 10.686 min
Delta R.T.: -0.001 min
Response: 6686270
Conc: 41.35 ug/ml



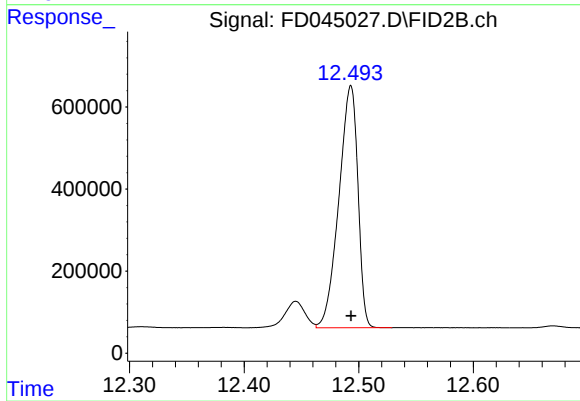
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 6643561
Conc: 44.81 ug/ml



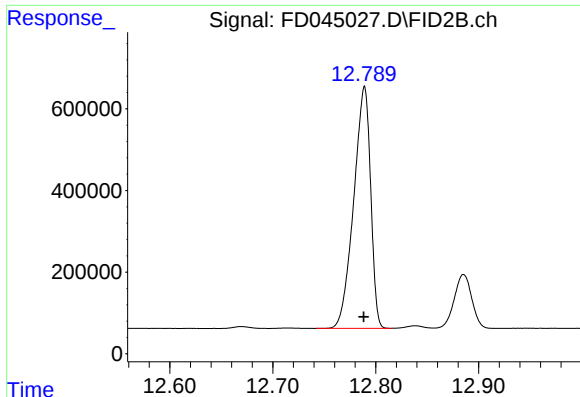
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6571361
Conc: 35.36 ug/ml



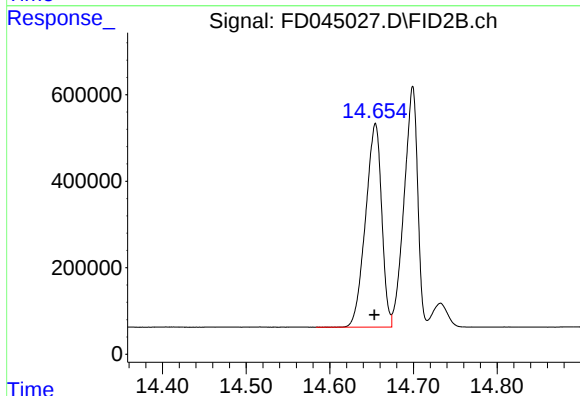
#12 Fluoranthene (C21.85)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 6806480
Conc: 42.53 ug/ml



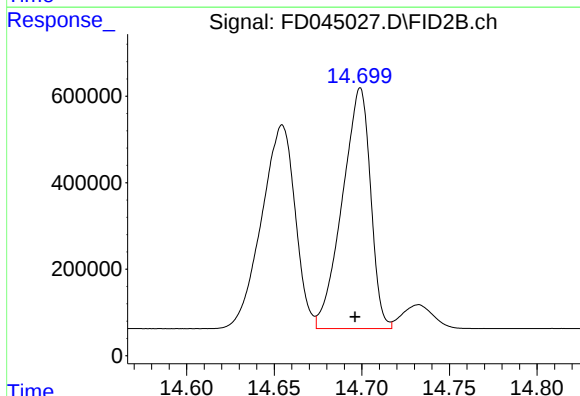
#13 Pyrene (C20.8)

R.T.: 12.789 min
Delta R.T.: 0.000 min
Response: 6763370
Conc: 43.10 ug/ml



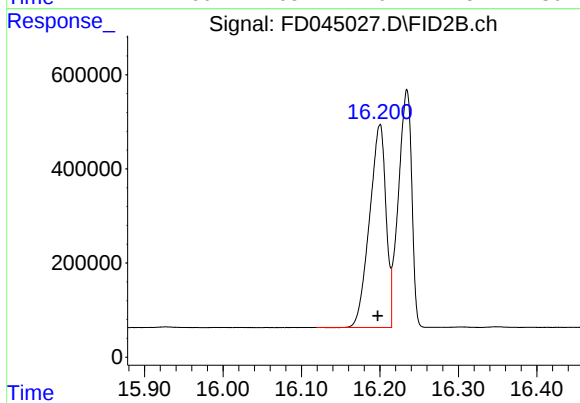
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 6298293
Conc: 44.13 ug/ml



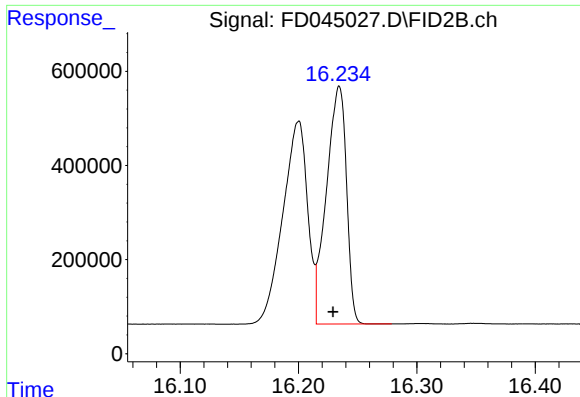
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.003 min
Response: 6244657
Conc: 42.18 ug/ml



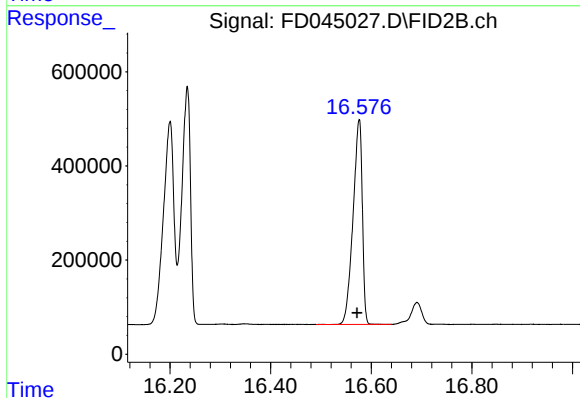
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.200 min
Delta R.T.: 0.003 min
Response: 6291017
Conc: 43.37 ug/ml



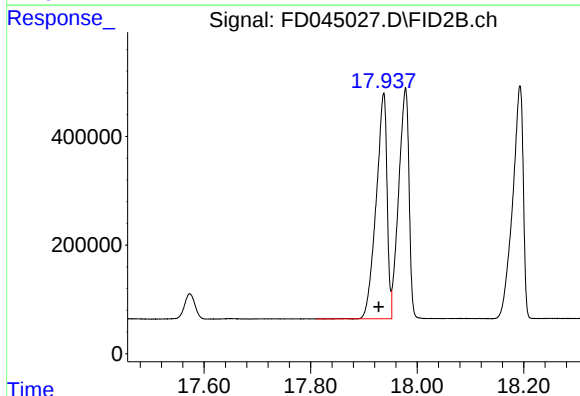
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.234 min
Delta R.T.: 0.005 min
Response: 5942597
Conc: 41.68 ug/ml



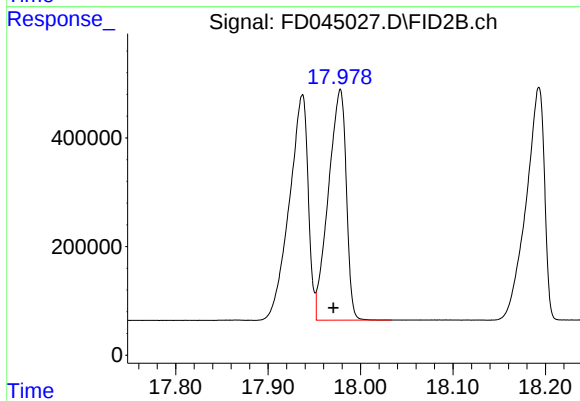
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.004 min
Response: 5569403
Conc: 39.86 ug/ml



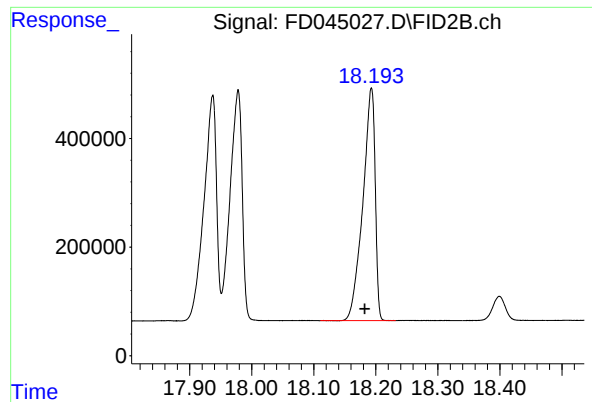
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: 0.008 min
Response: 5898649
Conc: 43.83 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.007 min
Response: 5703795
Conc: 43.04 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.010 min
Response: 5919025
Conc: 43.53 ug/ml