

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047167.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 08:45
 Operator : YP/AJ
 Sample : P1318-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 10:04:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 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...	7.468	7191788	46.756 ug/ml
Spiked Amount 50.000		Recovery =	93.51%
6) S 2-Fluorobiphenyl (SURR)	8.320	3984235	38.999 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.00%
11) S ortho-Terphenyl (SURR)	11.358	6122745	34.364 ug/ml
Spiked Amount 50.000		Recovery =	68.73%
Target Compounds			
2) T Naphthalene (C11.7)	5.816	24730	0.148 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	45789	0.270 ug/ml
5) T Acenaphthylene (C15.06)	8.092	21314	0.137 ug/ml
7) T Acenaphthene (C15.5)	8.418	54402	0.329 ug/ml
8) T Flouorene (C16.55)	9.205	44593	0.279 ug/ml
9) T Phenanthrene (C19.36)	10.584	620446	3.920 ug/ml
10) T Anthracene (C19.43)	10.662	128273	0.837 ug/ml
12) T Fluoranthene (C21.85)	12.385	1229775	7.708 ug/ml
13) T Pyrene (C20.8)	12.678	967123	6.257 ug/ml
14) T Benzo[a]anthracene (C...	14.542	574337	4.091 ug/ml
15) T Chrysene (C27.41)	14.583	595464	3.845 ug/ml
16) T benzo[b]fluoranthene ...	16.087	566548	3.906 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	216449	1.468 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	350438	2.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	492574	3.822 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	492574	3.475 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	274635	2.001 ug/ml

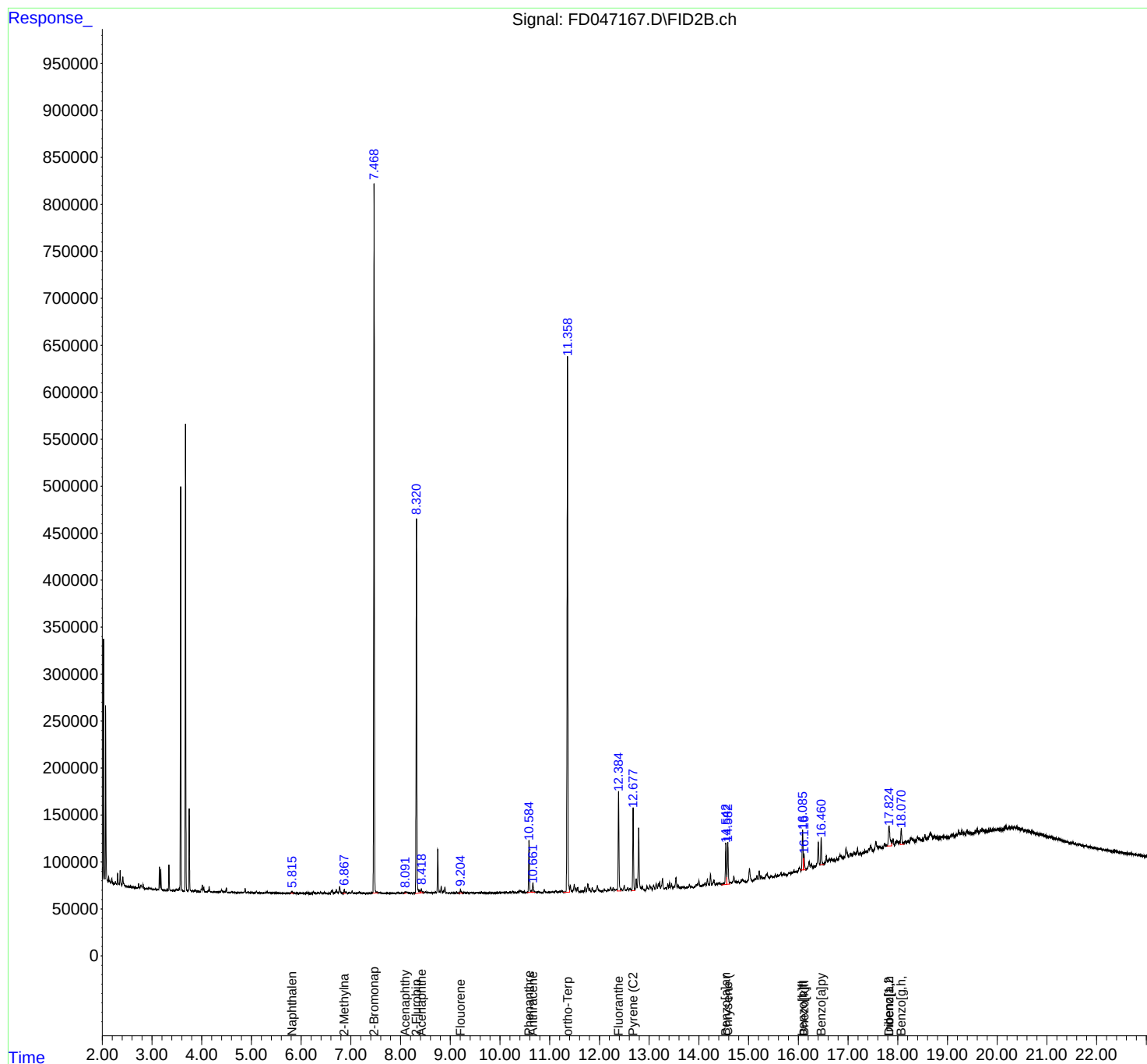
(f)=RT Delta > 1/2 Window

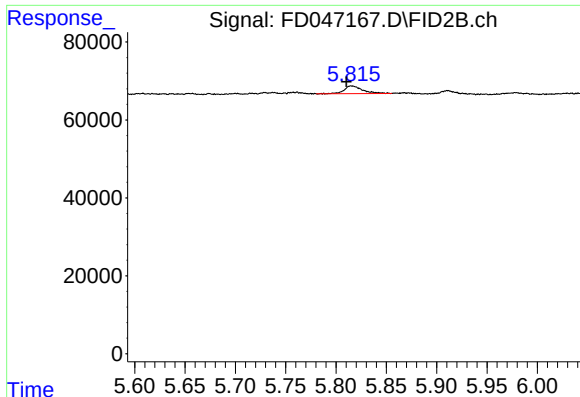
(m)=manual int.

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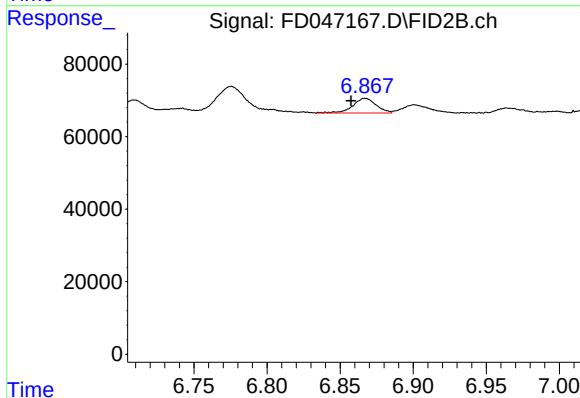
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Signal Info : 20M x 0.18mm x 0.18µm





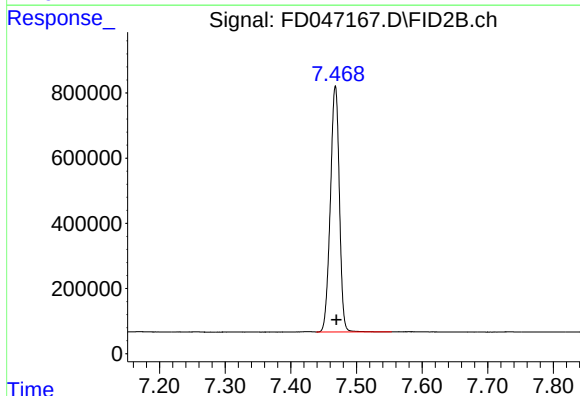
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.006 min
Response: 24730
Conc: 0.15 ug/ml



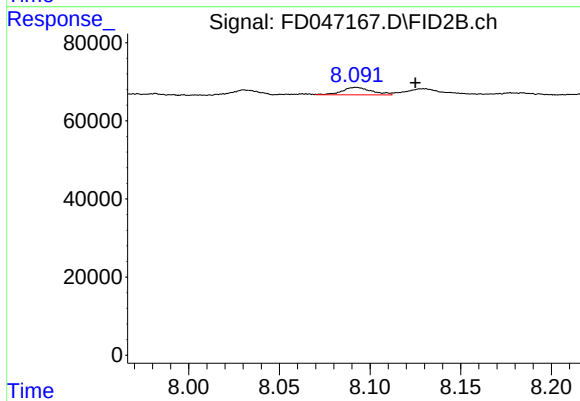
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: 0.010 min
Response: 45789
Conc: 0.27 ug/ml



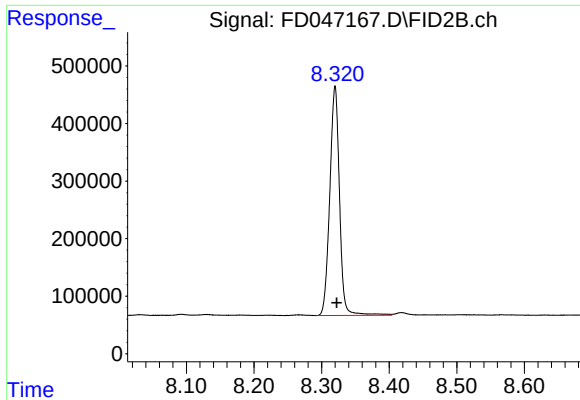
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 7191788
Conc: 46.76 ug/ml



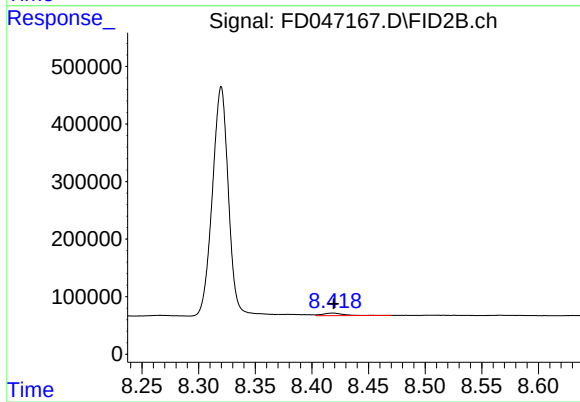
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 21314
Conc: 0.14 ug/ml



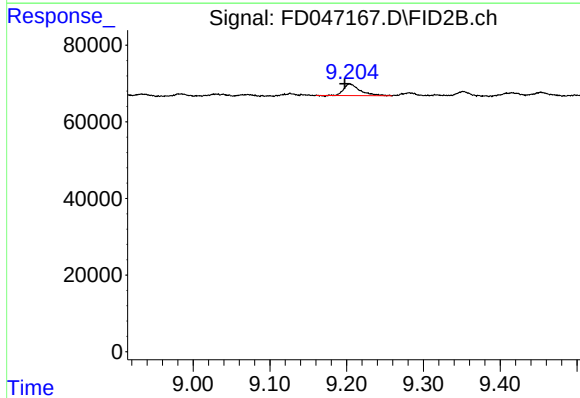
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 3984235
Conc: 39.00 ug/ml



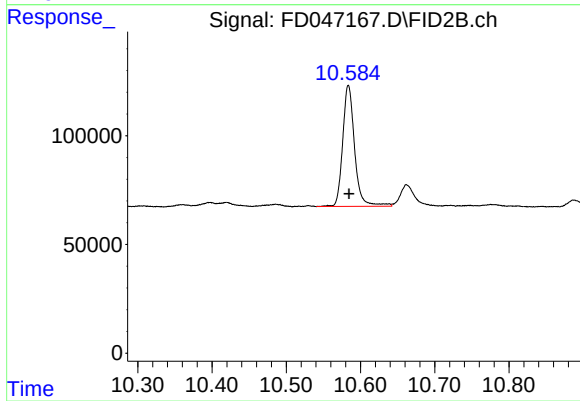
#7 Acenaphthene (C15.5)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 54402
Conc: 0.33 ug/ml



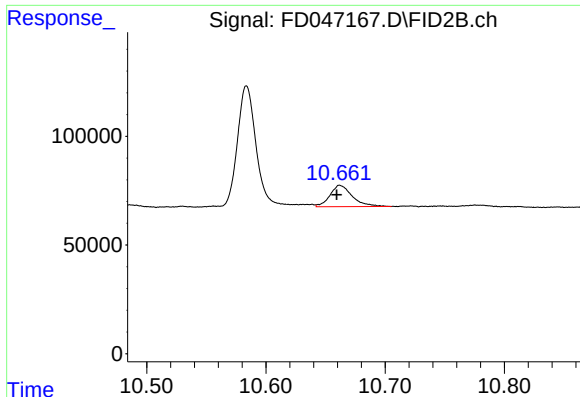
#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: 0.007 min
Response: 44593
Conc: 0.28 ug/ml



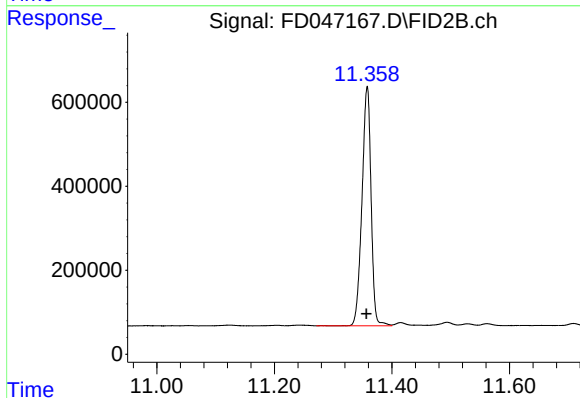
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: -0.001 min
Response: 620446
Conc: 3.92 ug/ml



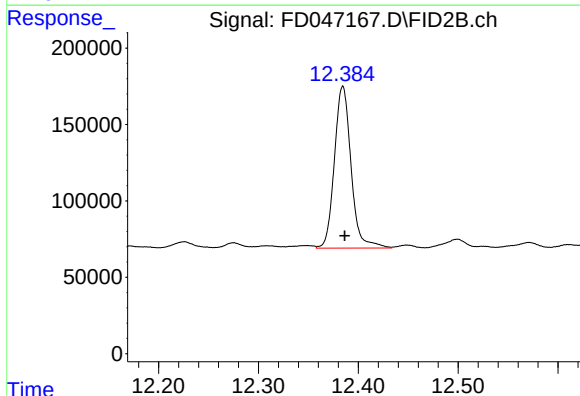
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.003 min
Response: 128273
Conc: 0.84 ug/ml



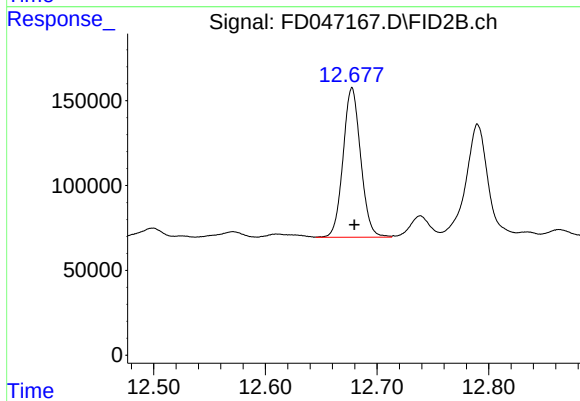
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.001 min
Response: 6122745
Conc: 34.36 ug/ml



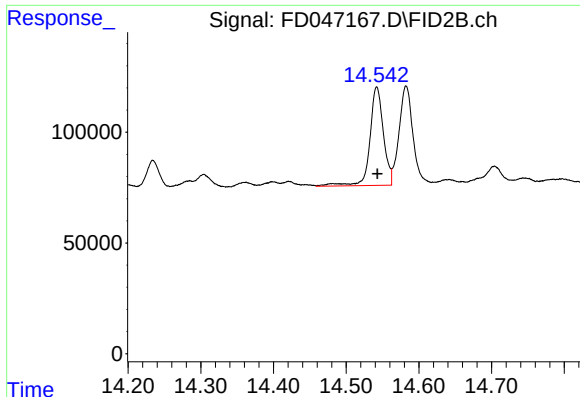
#12 Fluoranthene (C21.85)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 1229775
Conc: 7.71 ug/ml



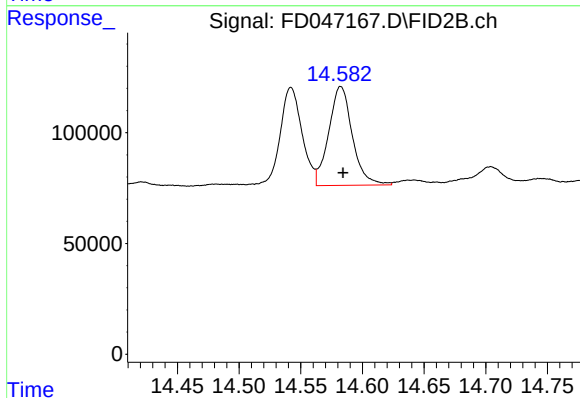
#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 967123
Conc: 6.26 ug/ml



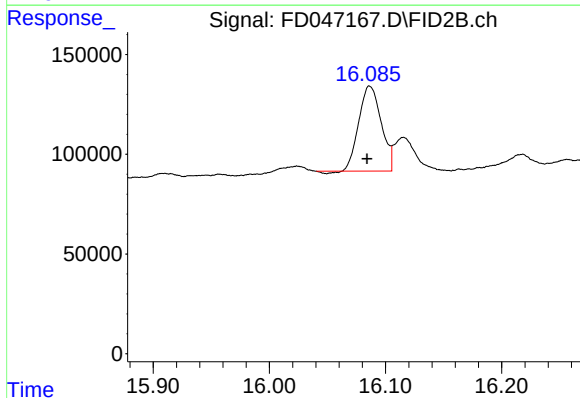
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.542 min
Delta R.T.: -0.001 min
Response: 574337
Conc: 4.09 ug/ml



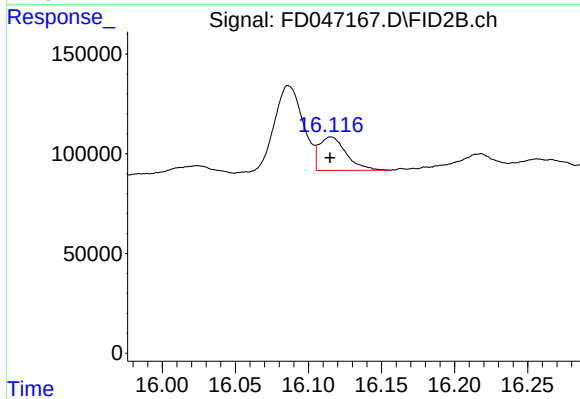
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 595464
Conc: 3.84 ug/ml



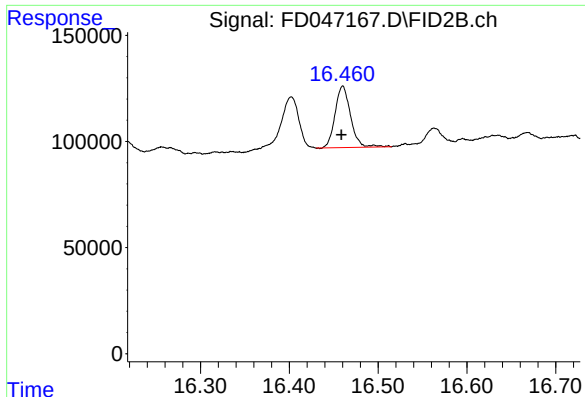
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 566548
Conc: 3.91 ug/ml



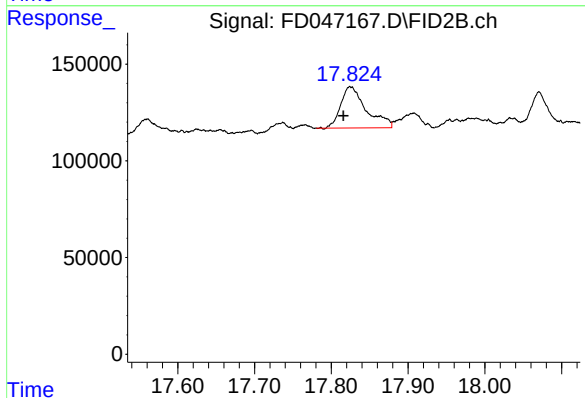
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min
Delta R.T.: 0.000 min
Response: 216449
Conc: 1.47 ug/ml



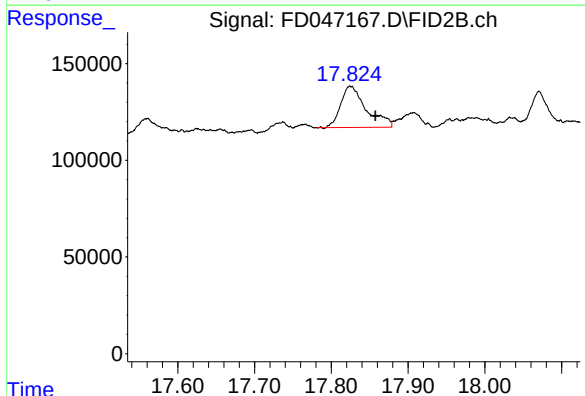
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.001 min
Response: 350438
Conc: 2.45 ug/ml



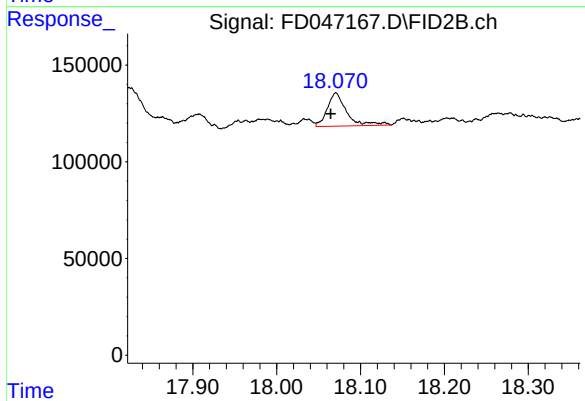
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: 0.009 min
Response: 492574
Conc: 3.82 ug/ml



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

R.T.: 17.825 min
Delta R.T.: -0.032 min
Response: 492574
Conc: 3.47 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.006 min
Response: 274635
Conc: 2.00 ug/ml