

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031023AR\
 Data File : FD045269.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2023 13:08
 Operator : YP/AJ
 Sample : 01828-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 03:05:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.555	8855412	65.253 ug/ml
Spiked Amount 50.000		Recovery =	130.51%
6) S 2-Fluorobiphenyl (SURR)	8.411	5677809	63.415 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	126.83%
11) S ortho-Terphenyl (SURR)	11.452	8018260	48.171 ug/ml
Spiked Amount 50.000		Recovery =	96.34%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.169	47274	0.330 ug/ml
7) T Acenaphthene (C15.5)	8.466	50422	0.333 ug/ml
9) T Phenanthrene (C19.36)	10.674	142206	0.996 ug/ml
10) T Anthracene (C19.43)	10.748	43238	0.309 ug/ml
12) T Fluoranthene (C21.85)	12.478	246517	1.765 ug/ml
13) T Pyrene (C20.8)	12.774	183479	1.347 ug/ml
14) T Benzo[a]anthracene (C...	14.636	103497	0.812 ug/ml
15) T Chrysene (C27.41)	14.677	128473	0.986 ug/ml
16) T benzo[b]fluoranthene ...	16.180	165664	1.285 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	79583	0.630 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	97954	0.778 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	201392	1.683 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	120836	1.002 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	71230	0.572 ug/ml

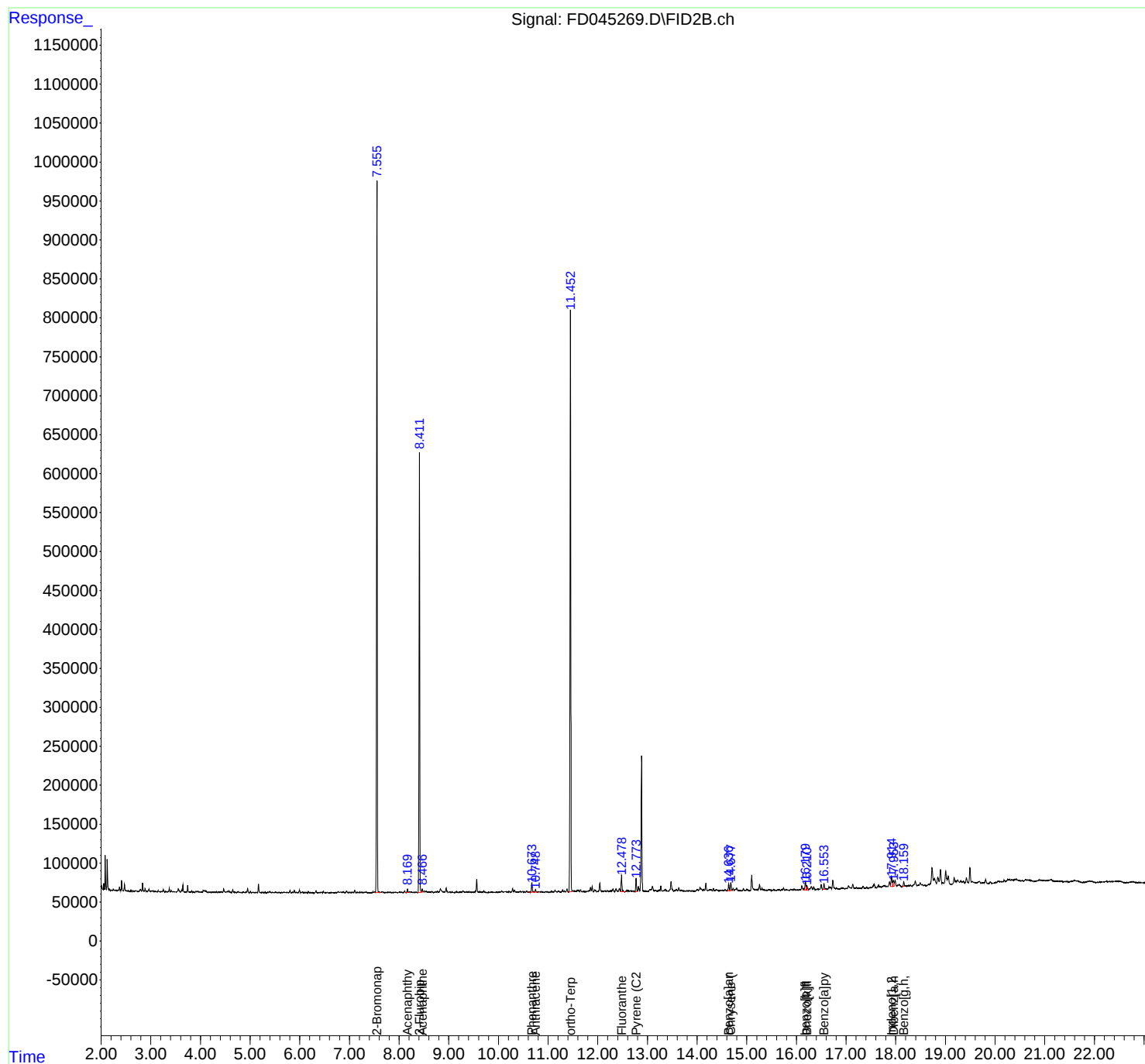
(f)=RT Delta > 1/2 Window

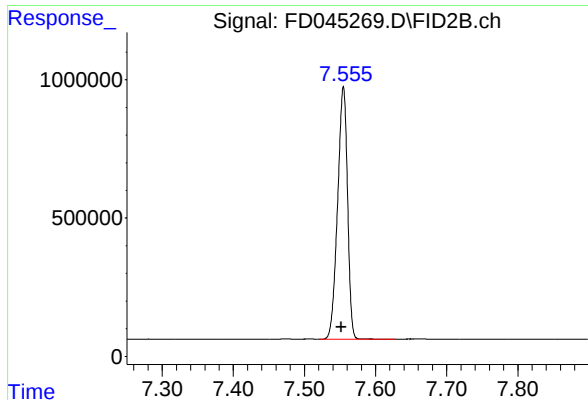
(m)=manual int.

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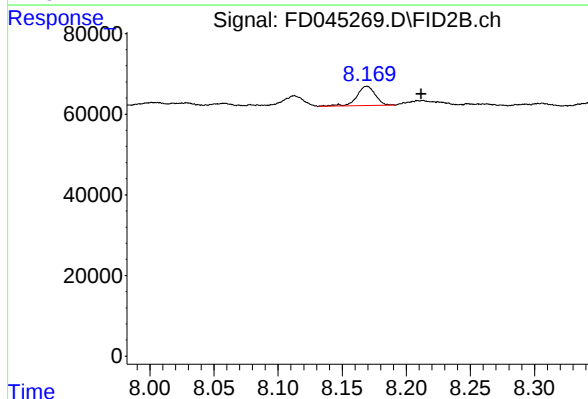
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





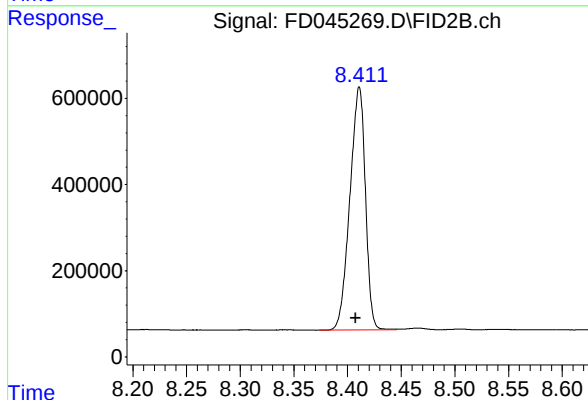
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: 0.003 min
Response: 8855412
Conc: 65.25 ug/ml



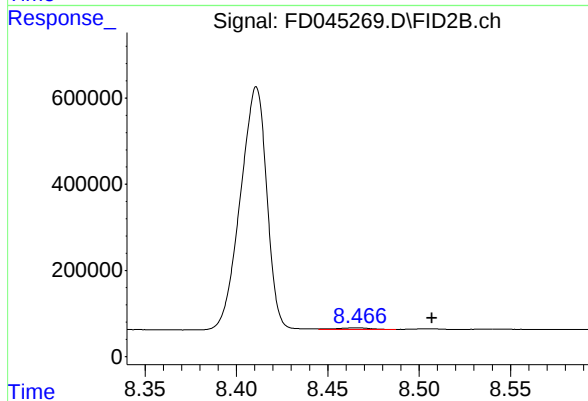
#5 Acenaphthylene (C15.06)

R.T.: 8.169 min
Delta R.T.: -0.042 min
Response: 47274
Conc: 0.33 ug/ml



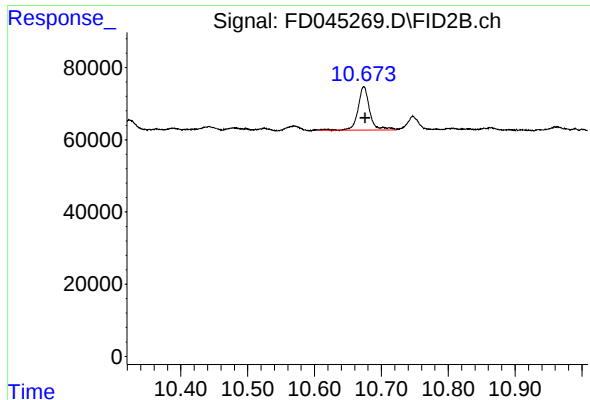
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: 0.003 min
Response: 5677809
Conc: 63.41 ug/ml



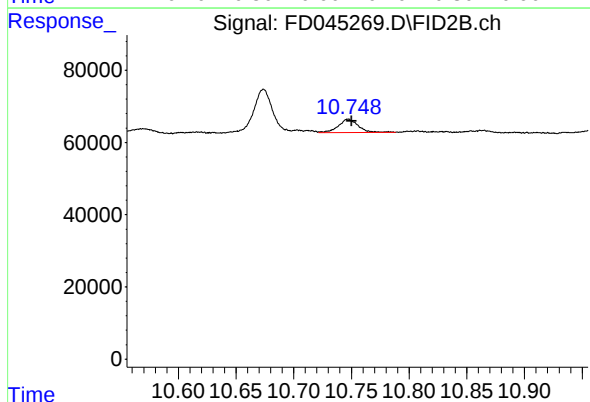
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.041 min
Response: 50422
Conc: 0.33 ug/ml



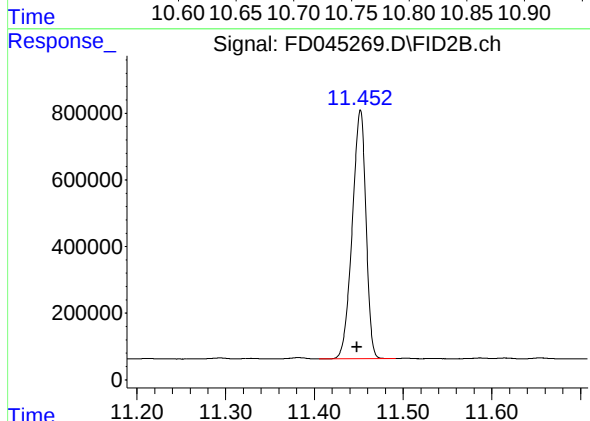
#9 Phenanthrene (C19.36)

R.T.: 10.674 min
Delta R.T.: -0.002 min
Response: 142206
Conc: 1.00 ug/ml



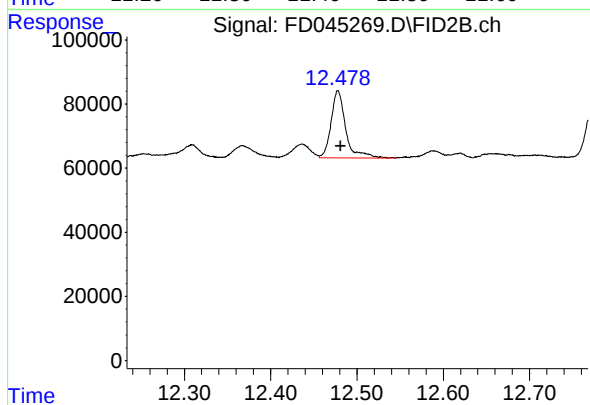
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.003 min
Response: 43238
Conc: 0.31 ug/ml



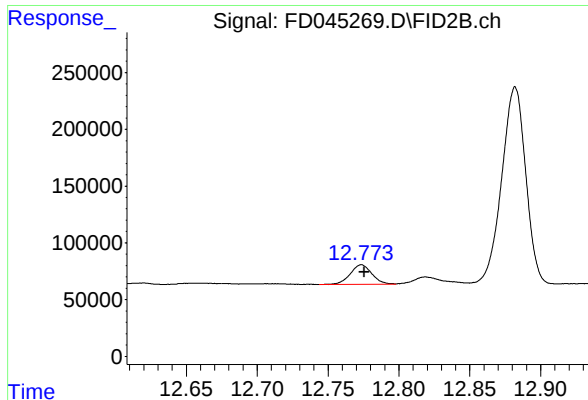
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: 0.004 min
Response: 8018260
Conc: 48.17 ug/ml



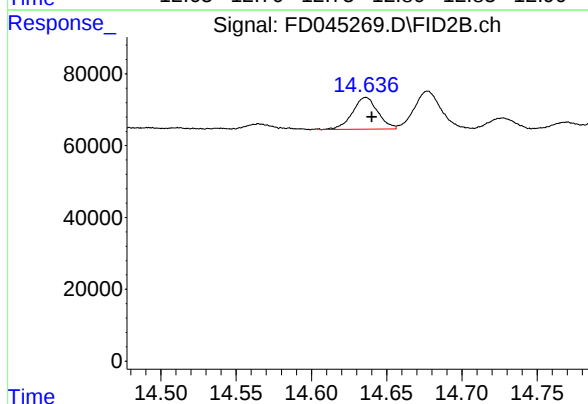
#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: -0.003 min
Response: 246517
Conc: 1.76 ug/ml



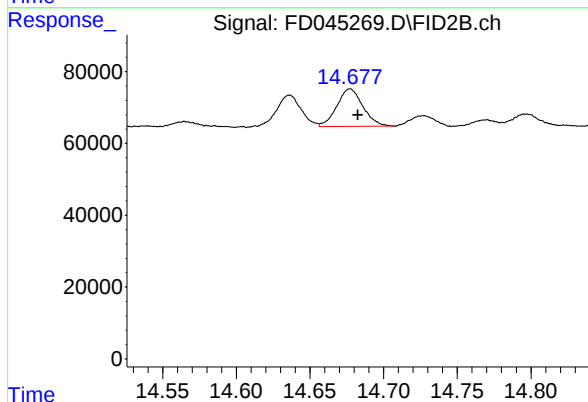
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: -0.002 min
Response: 183479
Conc: 1.35 ug/ml



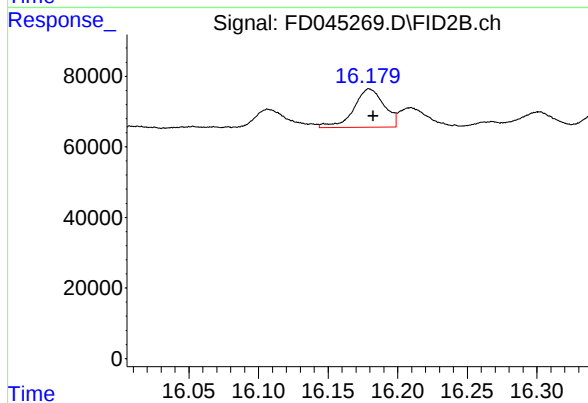
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: -0.004 min
Response: 103497
Conc: 0.81 ug/ml



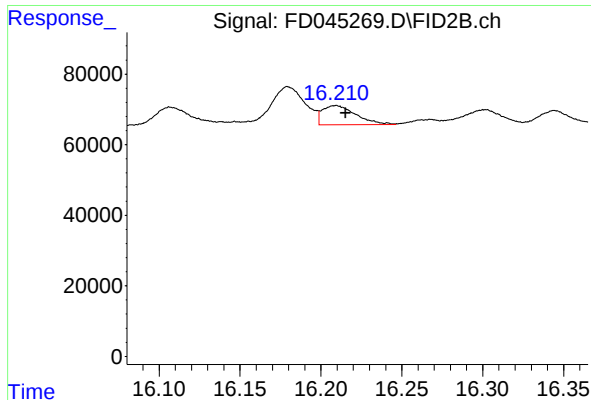
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: -0.005 min
Response: 128473
Conc: 0.99 ug/ml



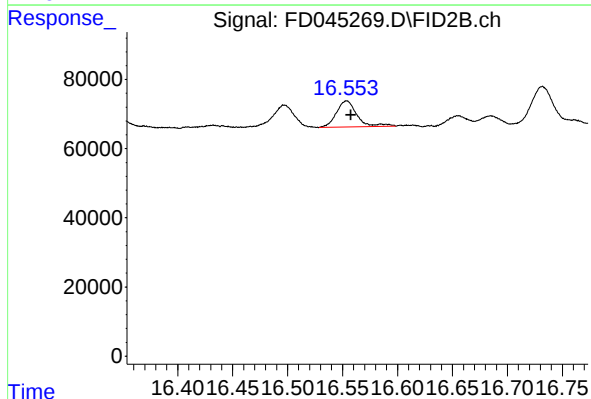
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.180 min
Delta R.T.: -0.003 min
Response: 165664
Conc: 1.29 ug/ml



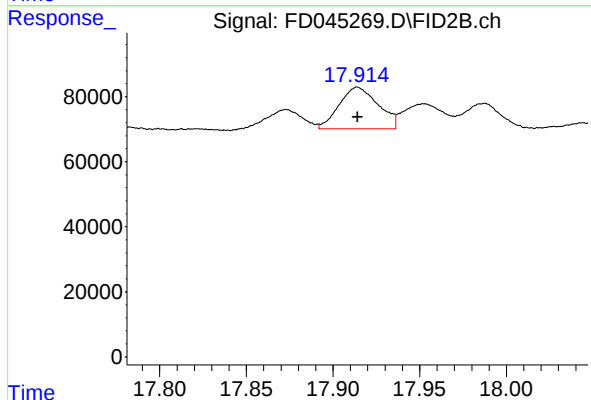
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.209 min
Delta R.T.: -0.006 min
Response: 79583
Conc: 0.63 ug/ml



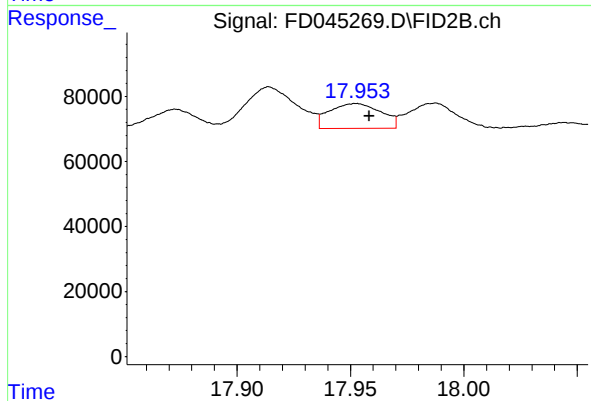
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: -0.004 min
Response: 97954
Conc: 0.78 ug/ml



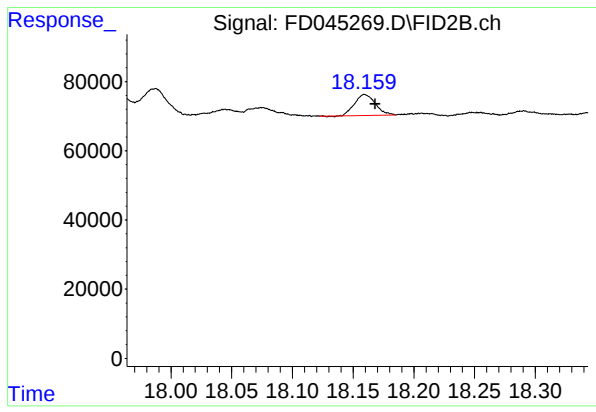
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.000 min
Response: 201392
Conc: 1.68 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.006 min
Response: 120836
Conc: 1.00 ug/ml



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

R.T.: 18.160 min
Delta R.T.: -0.009 min
Response: 71230
Conc: 0.57 ug/ml