

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046953.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 18:29
 Operator : YP/AJ
 Sample : 05451-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:47:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.479	8898425	48.792 ug/ml
Spiked Amount 50.000		Recovery =	97.58%
6) S 2-Fluorobiphenyl (SURR)	8.332	5076402	43.136 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.27%
11) S ortho-Terphenyl (SURR)	11.372	9677851	45.703 ug/ml
Spiked Amount 50.000		Recovery =	91.41%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.874	38588	0.192 ug/ml
7) T Acenaphthene (C15.5)	8.428	31436	0.160 ug/ml
9) T Phenanthrene (C19.36)	10.597	178580	1.004 ug/ml
10) T Anthracene (C19.43)	10.676	42434	0.249 ug/ml
12) T Fluoranthene (C21.85)	12.398	274473	1.589 ug/ml
13) T Pyrene (C20.8)	12.692	197769	1.189 ug/ml
14) T Benzo[a]anthracene (C...	14.558	111152	0.790 ug/ml
15) T Chrysene (C27.41)	14.599	188206	1.207 ug/ml
16) T benzo[b]fluoranthene ...	16.099	199038	1.391 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	126393	0.863 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	166740	1.190 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	401605	3.179 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	388345	2.780 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	182537	1.307 ug/ml

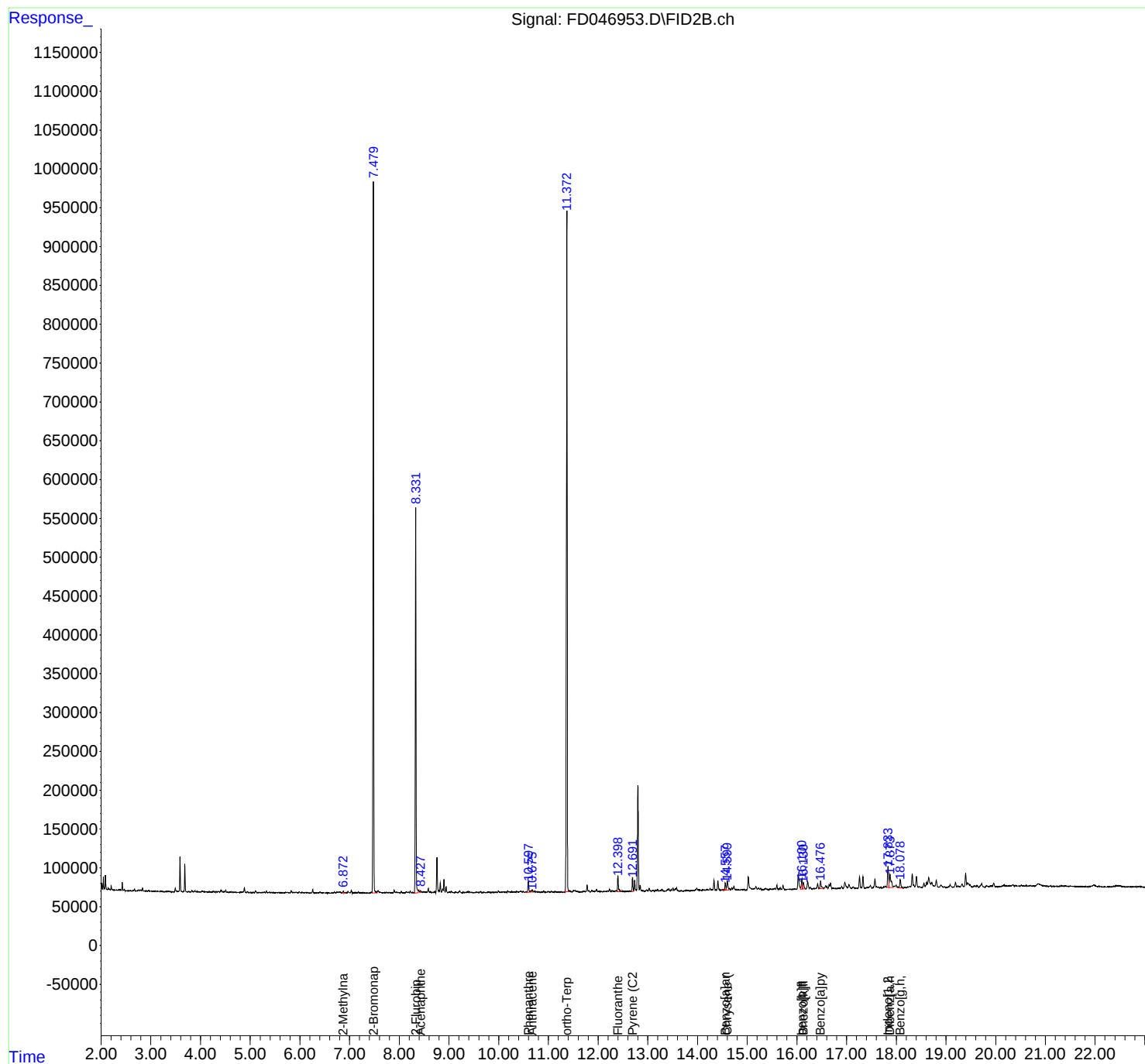
(f)=RT Delta > 1/2 Window

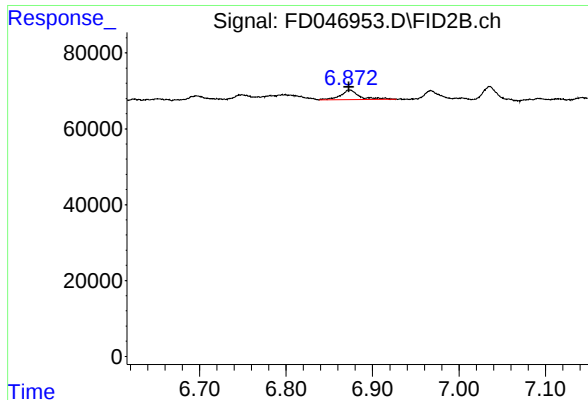
(m)=manual int.

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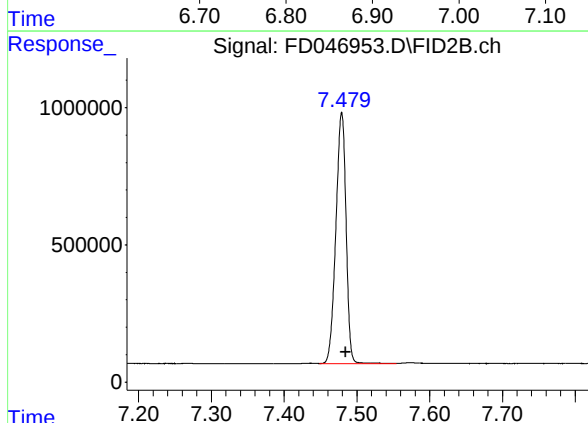
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





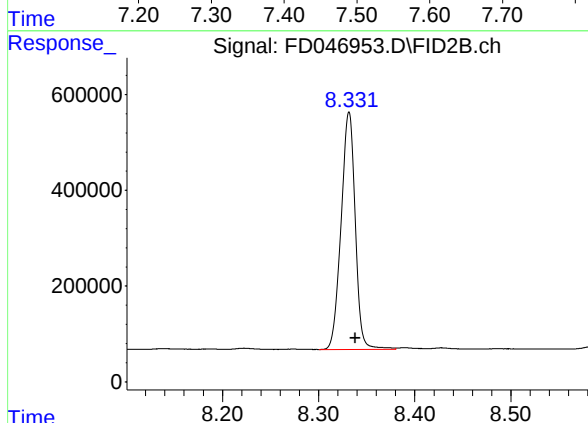
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 38588
Conc: 0.19 ug/ml



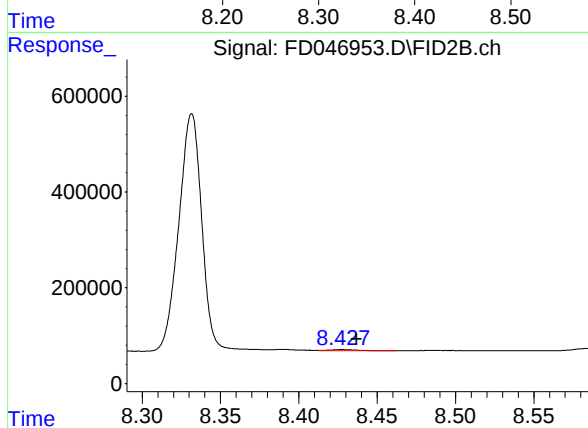
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 8898425
Conc: 48.79 ug/ml



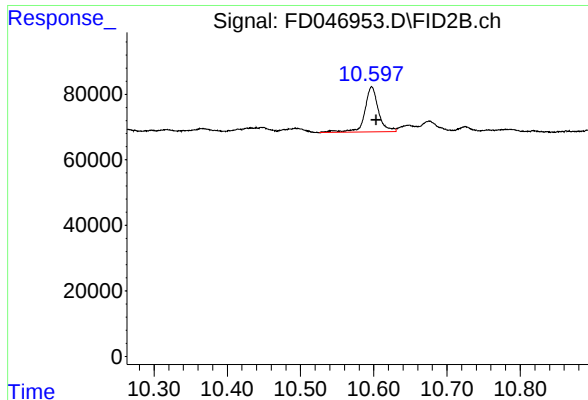
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.332 min
Delta R.T.: -0.007 min
Response: 5076402
Conc: 43.14 ug/ml



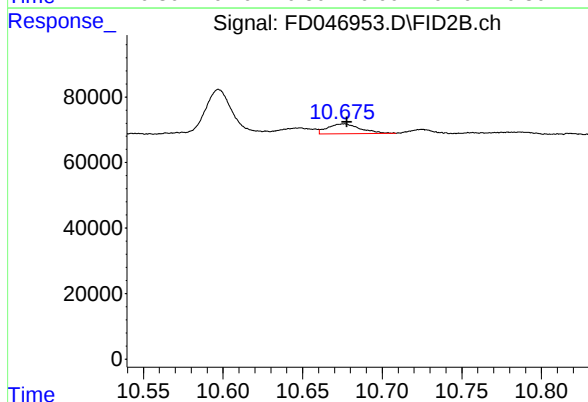
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.009 min
Response: 31436
Conc: 0.16 ug/ml



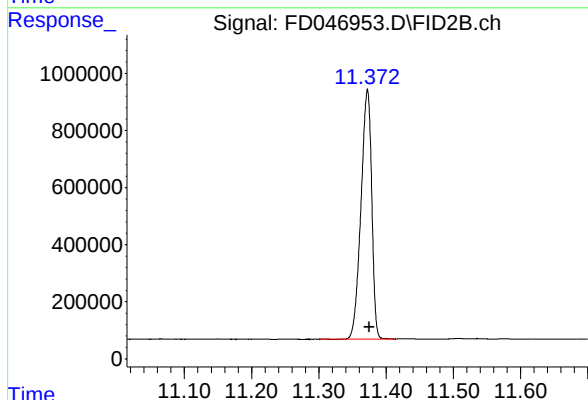
#9 Phenanthrene (C19.36)

R.T.: 10.597 min
Delta R.T.: -0.006 min
Response: 178580
Conc: 1.00 ug/ml



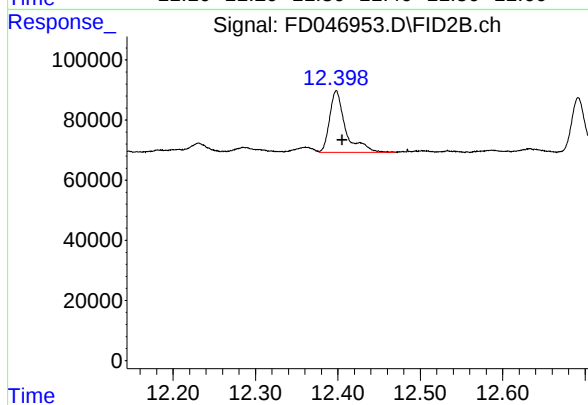
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.002 min
Response: 42434
Conc: 0.25 ug/ml



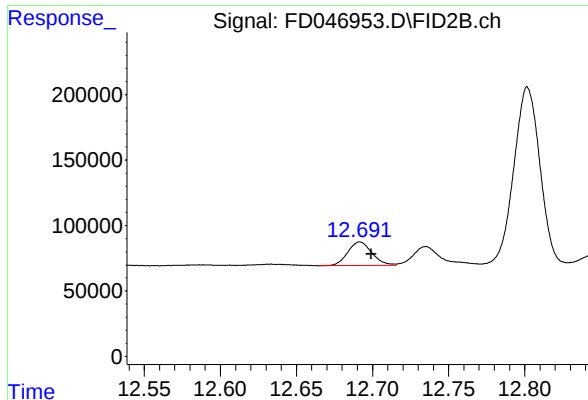
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: -0.003 min
Response: 9677851
Conc: 45.70 ug/ml



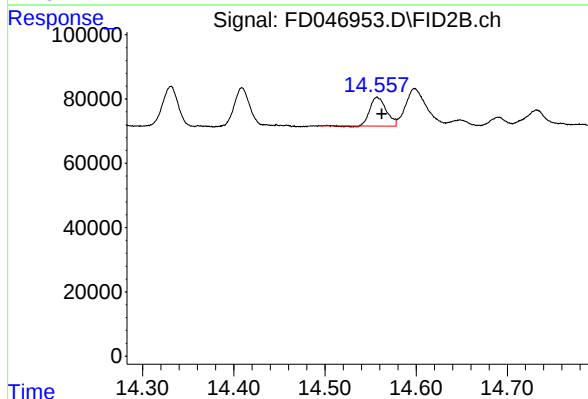
#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: -0.008 min
Response: 274473
Conc: 1.59 ug/ml



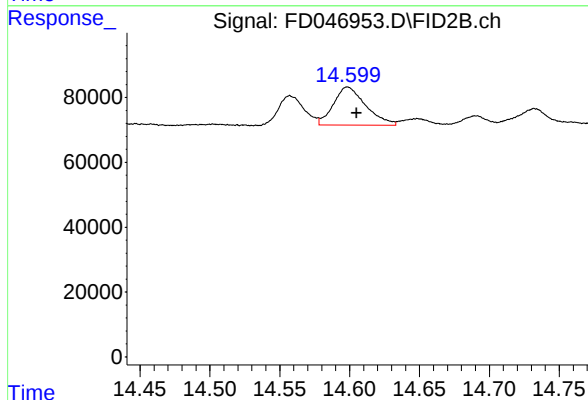
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: -0.007 min
Response: 197769
Conc: 1.19 ug/ml



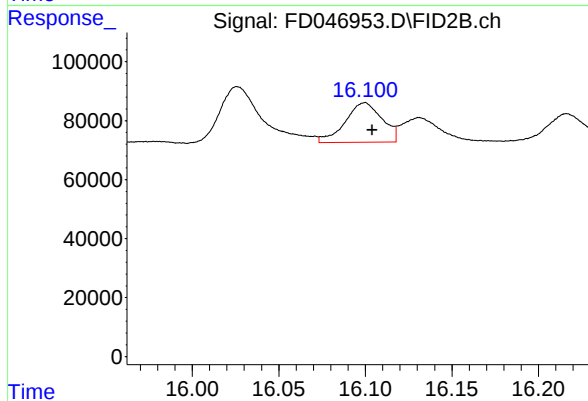
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.558 min
Delta R.T.: -0.005 min
Response: 111152
Conc: 0.79 ug/ml



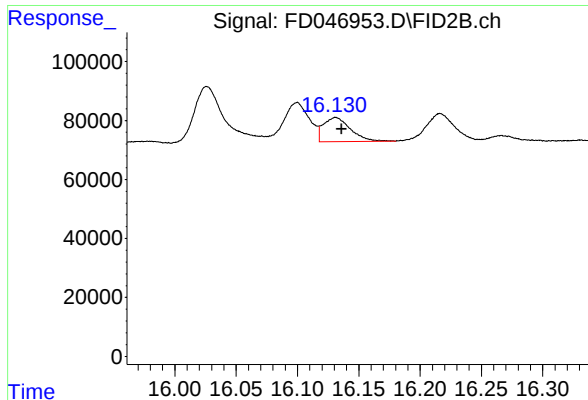
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: -0.006 min
Response: 188206
Conc: 1.21 ug/ml



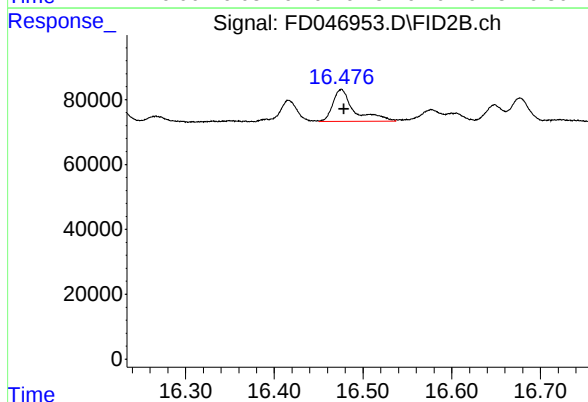
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: -0.004 min
Response: 199038
Conc: 1.39 ug/ml



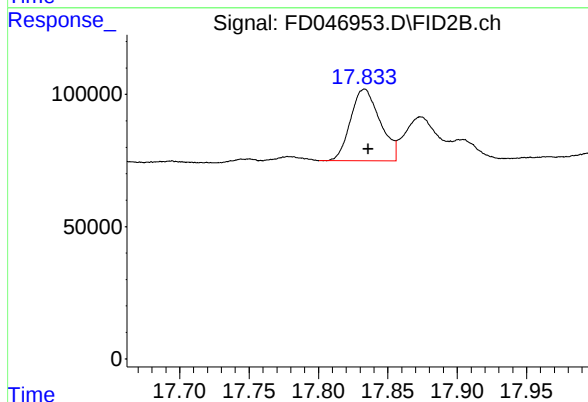
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.131 min
Delta R.T.: -0.005 min
Response: 126393
Conc: 0.86 ug/ml



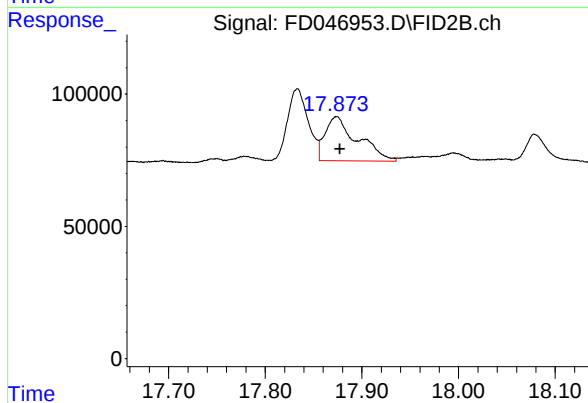
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: -0.003 min
Response: 166740
Conc: 1.19 ug/ml



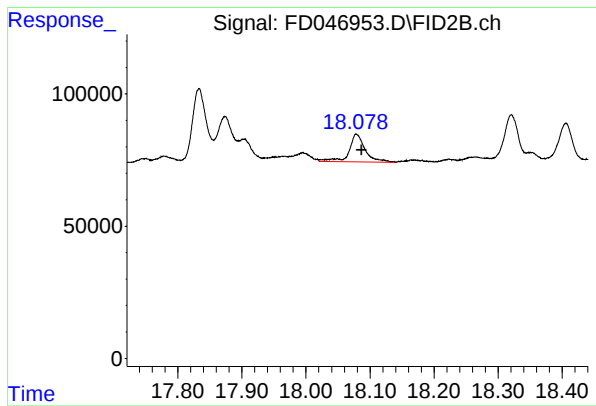
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.003 min
Response: 401605
Conc: 3.18 ug/ml



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

R.T.: 17.874 min
Delta R.T.: -0.003 min
Response: 388345
Conc: 2.78 ug/ml



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

R.T.: 18.079 min
Delta R.T.: -0.008 min
Response: 182537
Conc: 1.31 ug/ml