

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102020AR\
 Data File : FD035093.D
 Signal(s) : FID2B.CH
 Acq On : 20 Oct 2020 11:29
 Operator : DD\AJ
 Sample : L4227-03D
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 13:31:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.653	6310393	54.134 ug/ml
Spiked Amount 50.000		Recovery =	108.27%
6) S 2-Fluorobiphenyl (SURR)	8.517	4109288	50.053 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.11%
11) S ortho-Terphenyl (SURR)	11.591	340871	2.486 ug/ml
Spiked Amount 50.000		Recovery =	4.97%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.044	115834	0.845 ug/ml
7) T Acenaphthene (C15.5)	8.612	379637	2.750 ug/ml
8) T Flouorene (C16.55)	9.394	473200	3.520 ug/ml
9) T Phenanthrene (C19.36)	10.793	4439160	33.235 ug/ml
10) T Anthracene (C19.43)	10.865	791447	5.861 ug/ml
12) T Fluoranthene (C21.85)	12.606	4354595	33.090 ug/ml
13) T Pyrene (C20.8)	12.956	382110	2.985 ug/ml
14) T Benzo[a]anthracene (C...	14.812	1292390	11.353 ug/ml
15) T Chrysene (C27.41)	14.812	1292390	10.552 ug/ml
16) T benzo[b]fluoranthene ...	16.322	1533110	14.303 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322f	1533110	14.192 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.699	798934	8.199 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.105	159127	1.718 ug/ml
20) T Dibenz[a,h]anthracene...	18.105	159127	1.576 ug/ml
21) T Benzo[g,h,i]perylene ...	18.316	375093	3.893 ug/ml

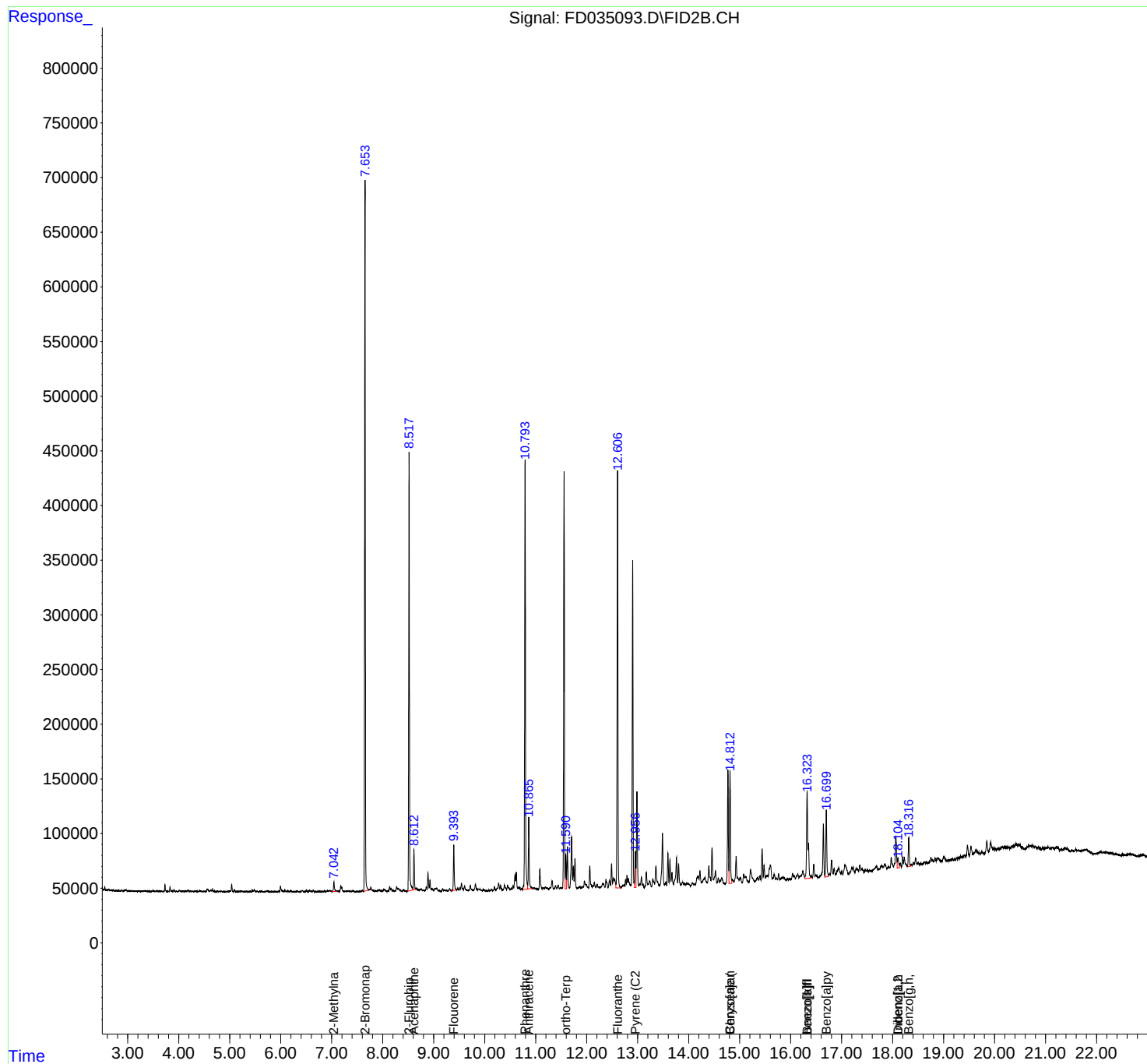
(f)=RT Delta > 1/2 Window

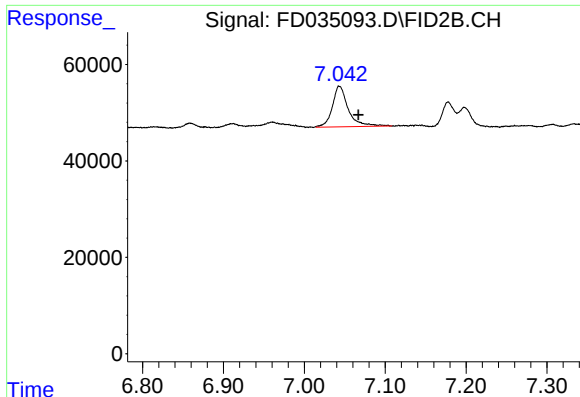
(m)=manual int.

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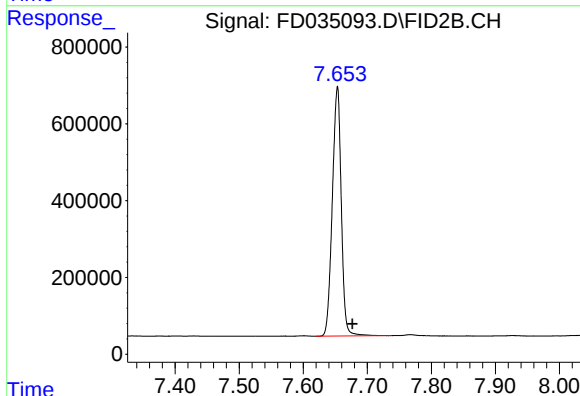
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Signal Info : 20M x 0.18mm x 0.18µm





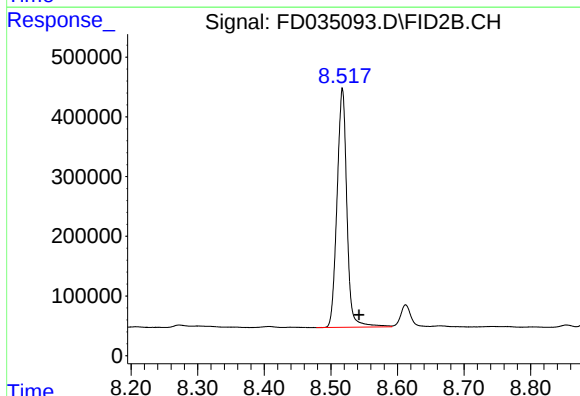
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.023 min
Response: 115834
Conc: 0.84 ug/ml



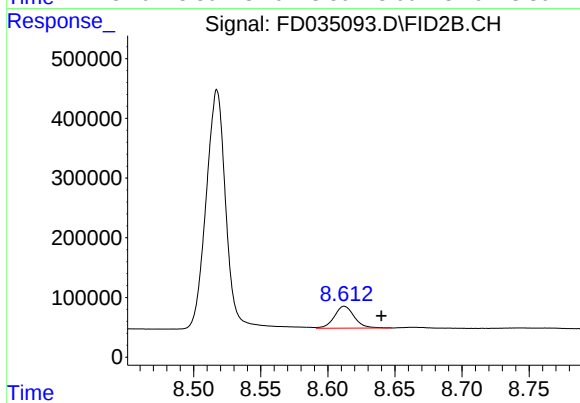
#4 2-Bromonaphthalene (SURR)

R.T.: 7.653 min
Delta R.T.: -0.024 min
Response: 6310393
Conc: 54.13 ug/ml



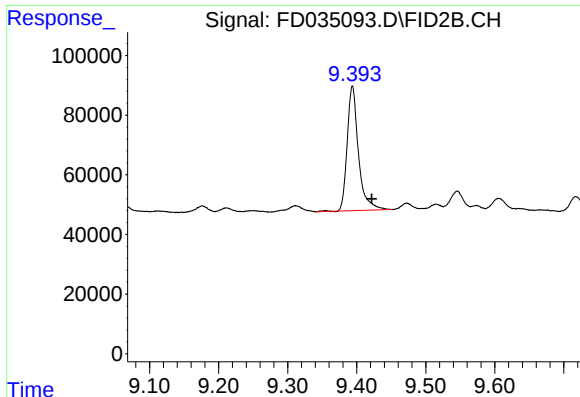
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.025 min
Response: 4109288
Conc: 50.05 ug/ml



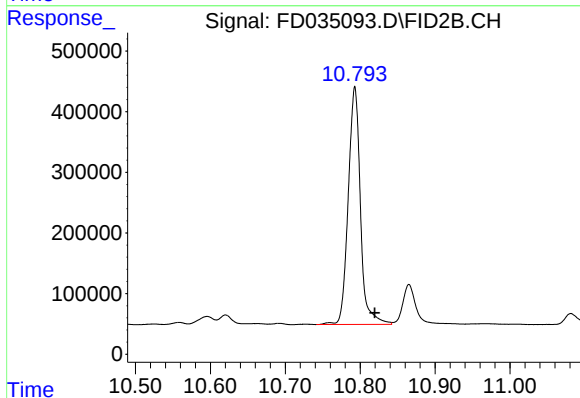
#7 Acenaphthene (C15.5)

R.T.: 8.612 min
Delta R.T.: -0.028 min
Response: 379637
Conc: 2.75 ug/ml



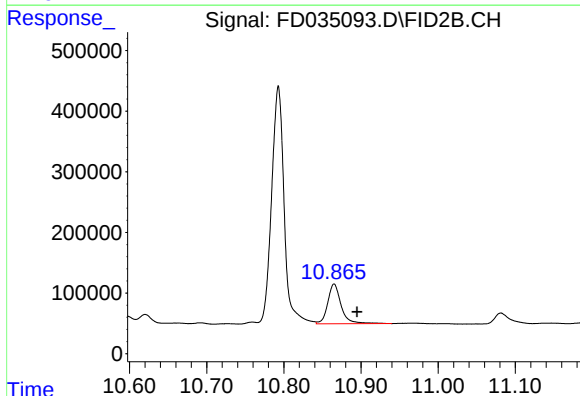
#8 Flouorene (C16.55)

R.T.: 9.394 min
Delta R.T.: -0.028 min
Response: 473200
Conc: 3.52 ug/ml



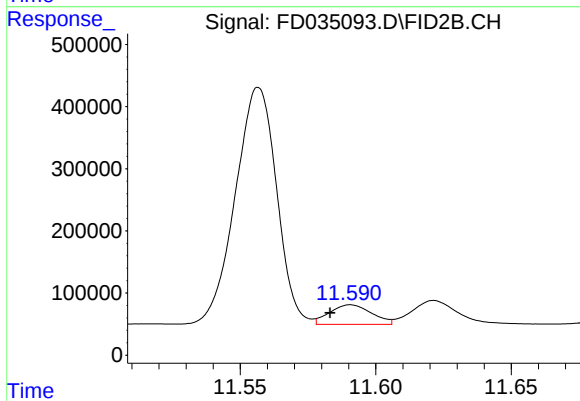
#9 Phenanthrene (C19.36)

R.T.: 10.793 min
Delta R.T.: -0.027 min
Response: 4439160
Conc: 33.24 ug/ml



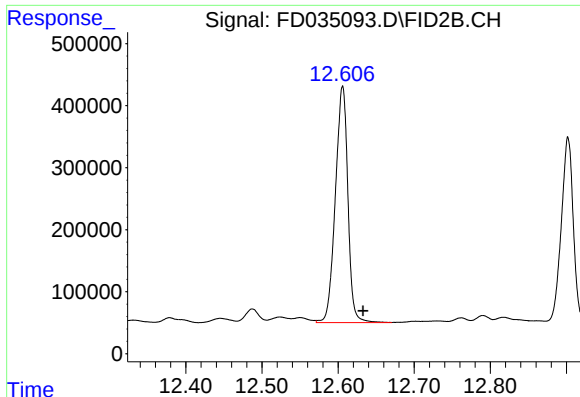
#10 Anthracene (C19.43)

R.T.: 10.865 min
Delta R.T.: -0.029 min
Response: 791447
Conc: 5.86 ug/ml



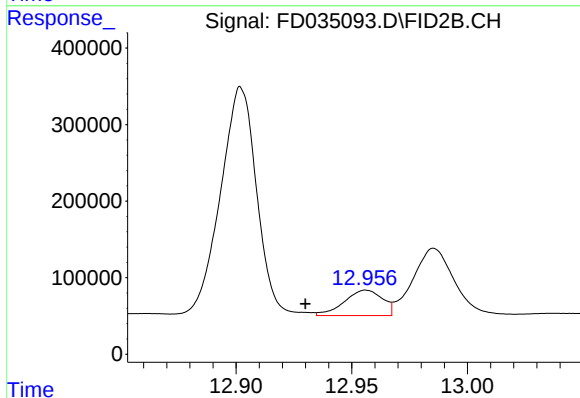
#11 ortho-Terphenyl (SURR)

R.T.: 11.591 min
Delta R.T.: 0.008 min
Response: 340871
Conc: 2.49 ug/ml



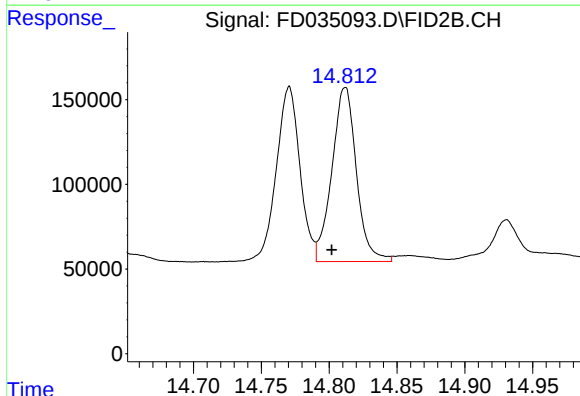
#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: -0.027 min
Response: 4354595
Conc: 33.09 ug/ml



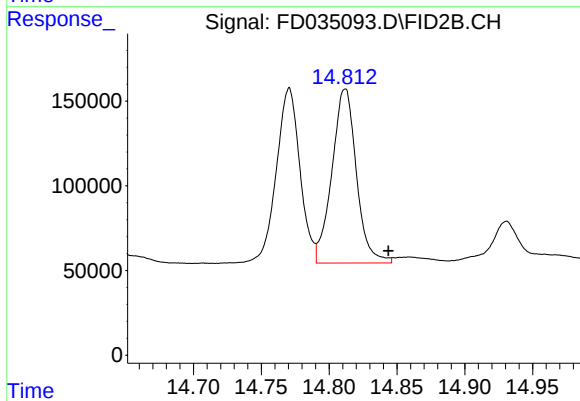
#13 Pyrene (C20.8)

R.T.: 12.956 min
Delta R.T.: 0.026 min
Response: 382110
Conc: 2.98 ug/ml



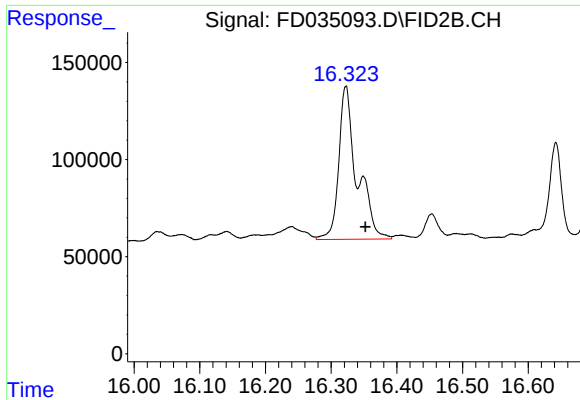
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: 0.010 min
Response: 1292390
Conc: 11.35 ug/ml



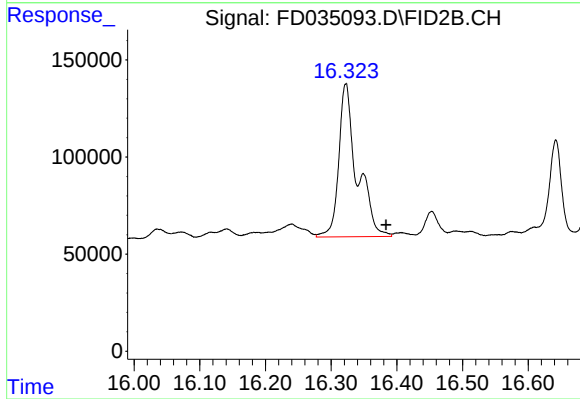
#15 Chrysene (C27.41)

R.T.: 14.812 min
Delta R.T.: -0.032 min
Response: 1292390
Conc: 10.55 ug/ml



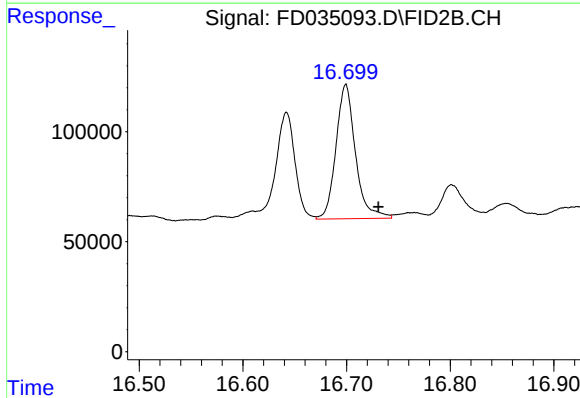
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.322 min
Delta R.T.: -0.030 min
Response: 1533110
Conc: 14.30 ug/ml



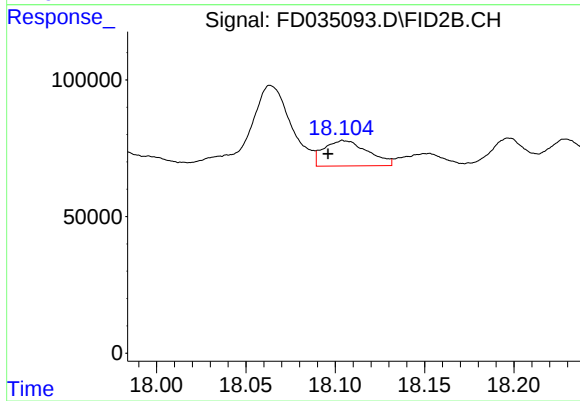
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: -0.062 min
Response: 1533110
Conc: 14.19 ug/ml



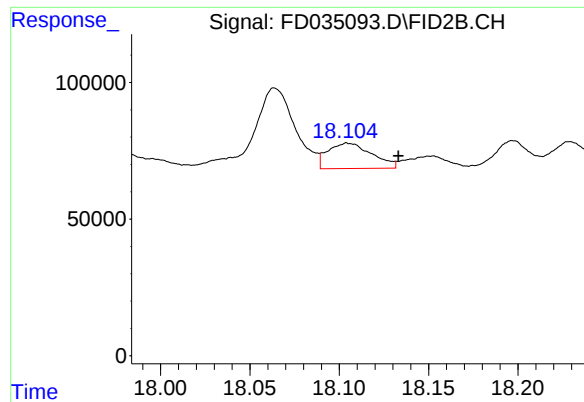
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.699 min
Delta R.T.: -0.032 min
Response: 798934
Conc: 8.20 ug/ml



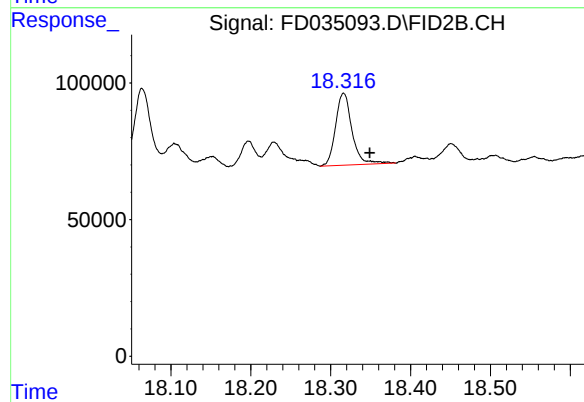
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.105 min
Delta R.T.: 0.009 min
Response: 159127
Conc: 1.72 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.028 min
Response: 159127
Conc: 1.58 ug/ml



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

R.T.: 18.316 min
Delta R.T.: -0.033 min
Response: 375093
Conc: 3.89 ug/ml