

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072518\
 Data File : FD025202.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jul 2018 19:09
 Operator : AJ\SJ
 Sample : COAL TAR
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 05:10:53 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 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			
11) S ortho-Terphenyl (SURR)	11.367	281894	3.322 ug/ml
Spiked Amount 50.000		Recovery =	6.64%
Target Compounds			
2) T Naphthalene (C11.7)	5.781	3406393	39.540 ug/ml
3) T 2-Methylnaphthalene (...)	6.832	1002422	11.659 ug/ml
5) T Acenaphthylene (C15.06)	8.102	916777	10.793 ug/ml
7) T Acenaphthene (C15.5)	8.397	156099	1.753 ug/ml
8) T Flouorene (C16.55)	9.176	1286724	14.448 ug/ml
9) T Phenanthrene (C19.36)	10.572	3814752	42.592 ug/ml
10) T Anthracene (C19.43)	10.641	583038	6.621 ug/ml
12) T Fluoranthene (C21.85)	12.376	2268383	25.818 ug/ml
13) T Pyrene (C20.8)	12.670	1561512	17.769 ug/ml
14) T Benzo[a]anthracene (C...	14.536	954744	11.448 ug/ml
15) T Chrysene (C27.41)	14.576	912439	10.831 ug/ml
16) T benzo[b]fluoranthene ...	16.083	868675	9.655 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	349190	3.878 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	676427	7.349 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	391387	4.148 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	144433	1.578 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	320826	3.312 ug/ml

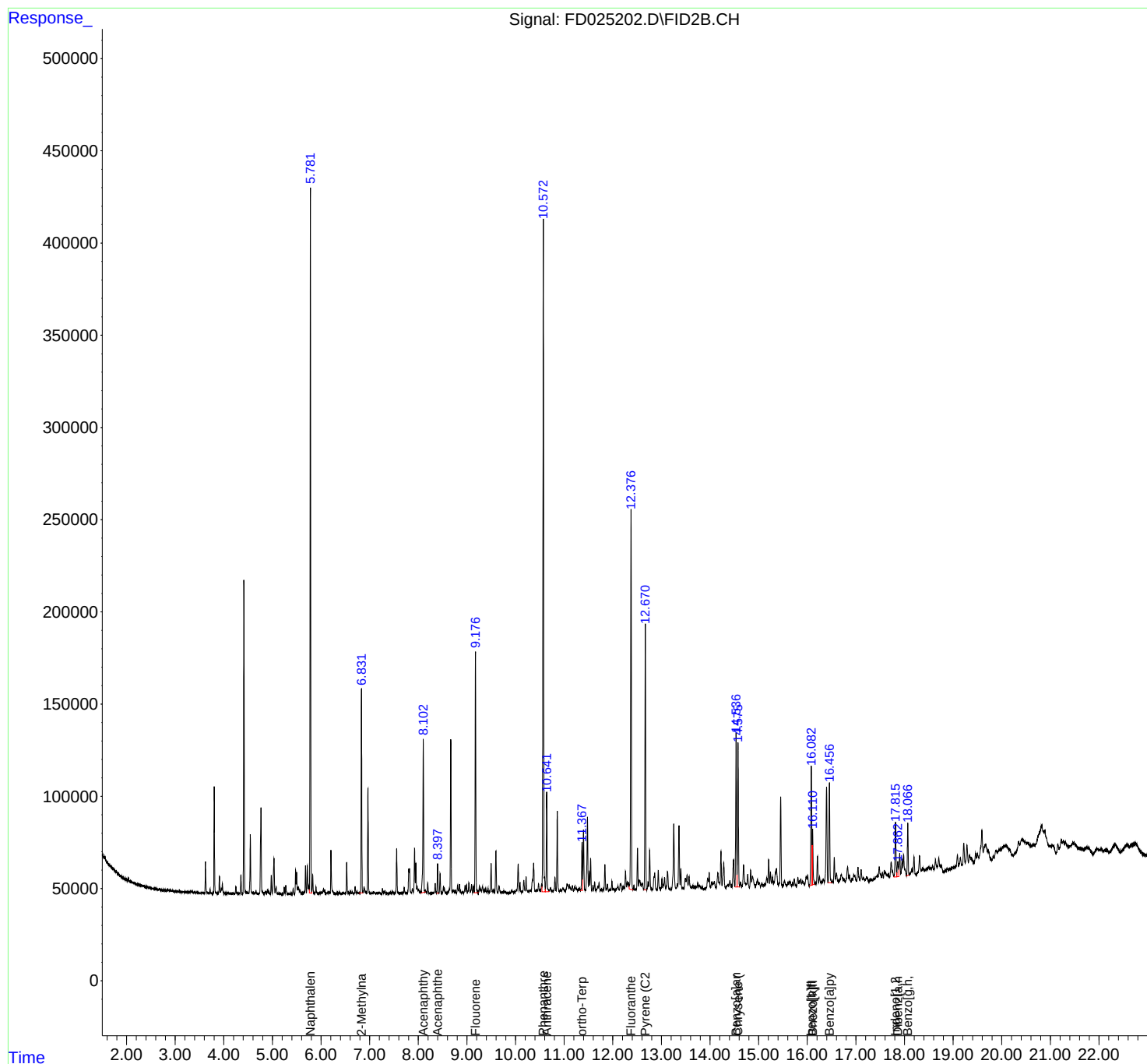
(f)=RT Delta > 1/2 Window

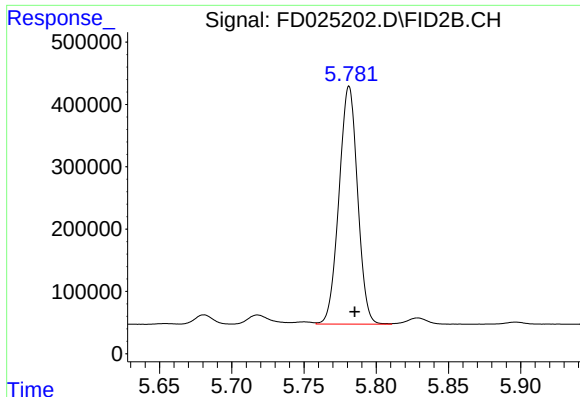
(m)=manual int.

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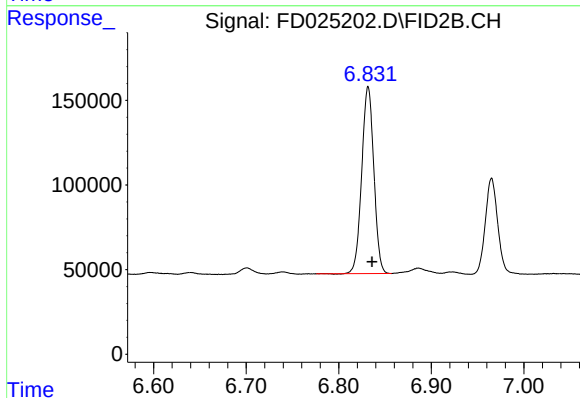
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





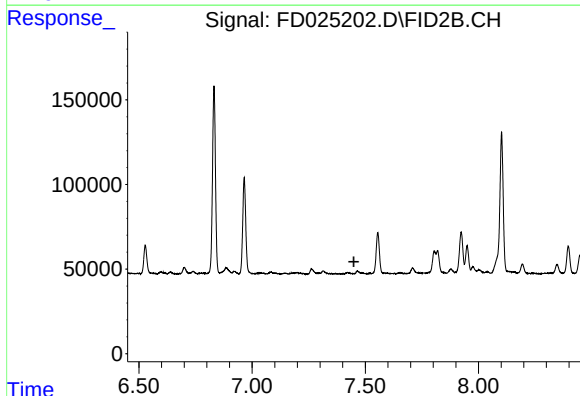
#2 Naphthalene (C11.7)

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 3406393
Conc: 39.54 ug/ml



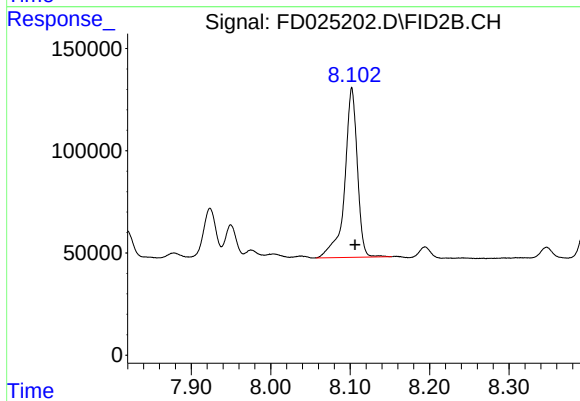
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 1002422
Conc: 11.66 ug/ml



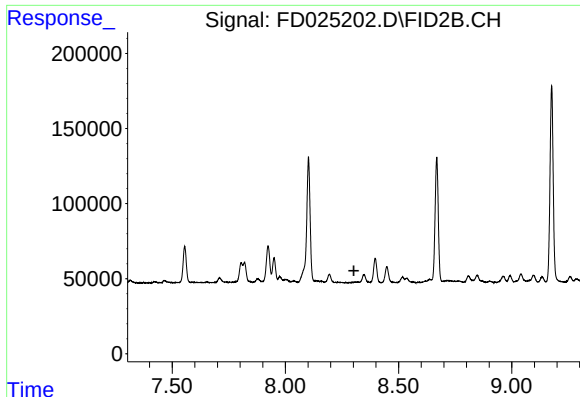
#4 2-Bromonaphthalene (SURR)

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



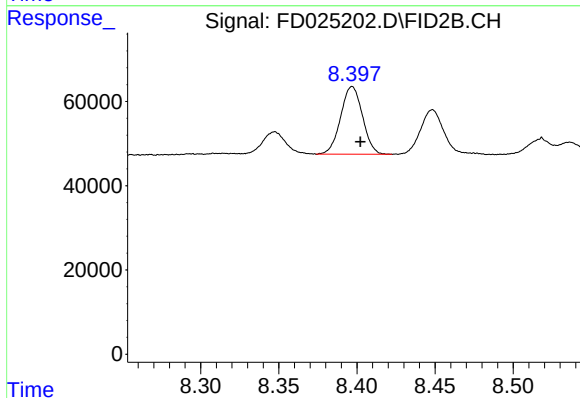
#5 Acenaphthylene (C15.06)

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 916777
Conc: 10.79 ug/ml



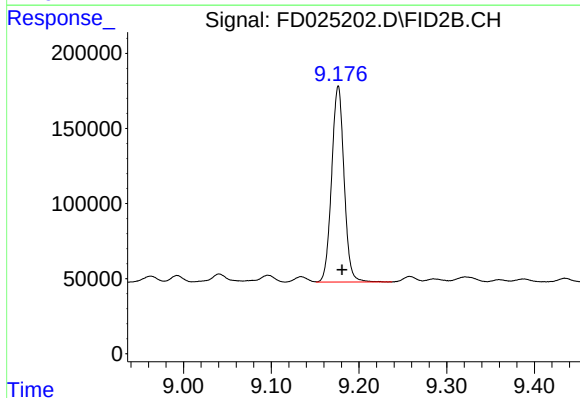
#6 2-Fluorobiphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 8.303 min
Response: 0
Conc: N.D.



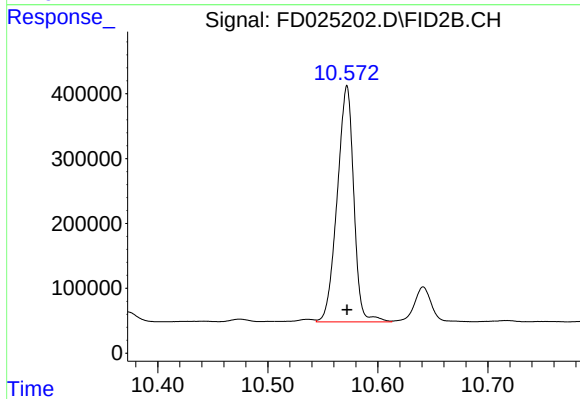
#7 Acenaphthene (C15.5)

R.T.: 8.397 min
Delta R.T.: -0.005 min
Response: 156099
Conc: 1.75 ug/ml



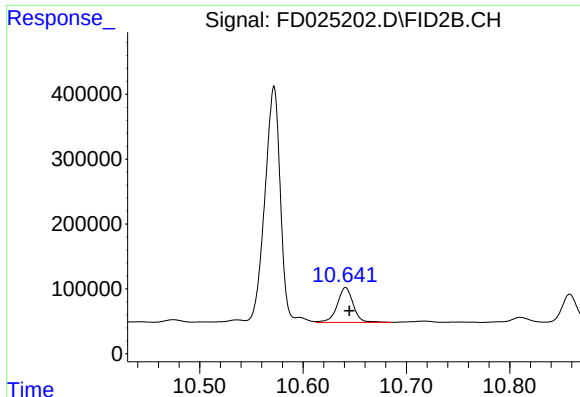
#8 Flouorene (C16.55)

R.T.: 9.176 min
Delta R.T.: -0.004 min
Response: 1286724
Conc: 14.45 ug/ml



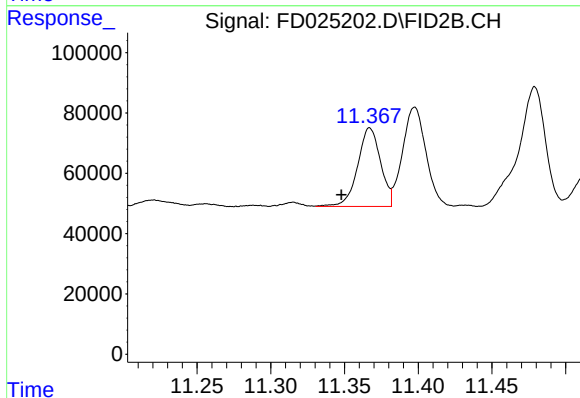
#9 Phenanthrene (C19.36)

R.T.: 10.572 min
Delta R.T.: 0.000 min
Response: 3814752
Conc: 42.59 ug/ml



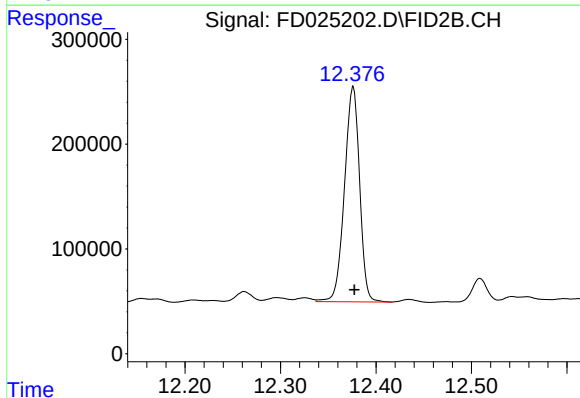
#10 Anthracene (C19.43)

R.T.: 10.641 min
Delta R.T.: -0.004 min
Response: 583038
Conc: 6.62 ug/ml



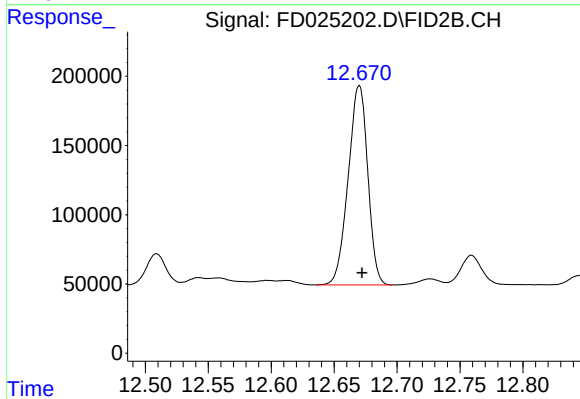
#11 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.019 min
Response: 281894
Conc: 3.32 ug/ml



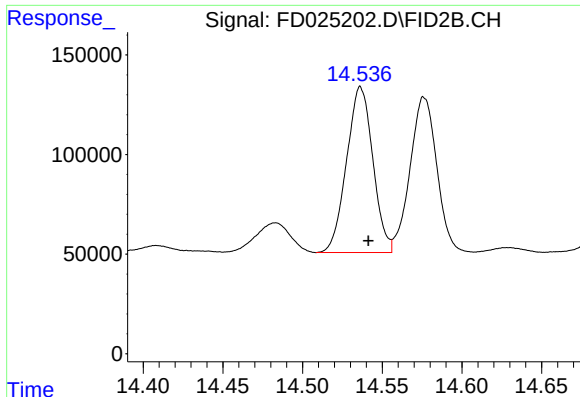
#12 Fluoranthene (C21.85)

R.T.: 12.376 min
Delta R.T.: -0.002 min
Response: 2268383
Conc: 25.82 ug/ml



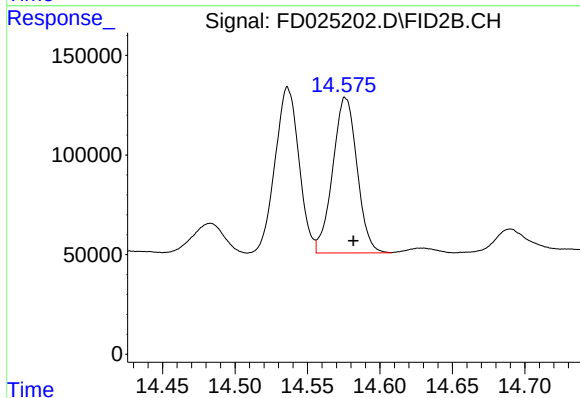
#13 Pyrene (C20.8)

R.T.: 12.670 min
Delta R.T.: -0.002 min
Response: 1561512
Conc: 17.77 ug/ml



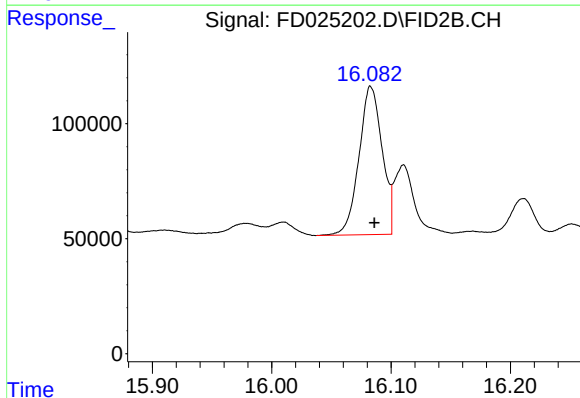
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min
Delta R.T.: -0.005 min
Response: 954744
Conc: 11.45 ug/ml



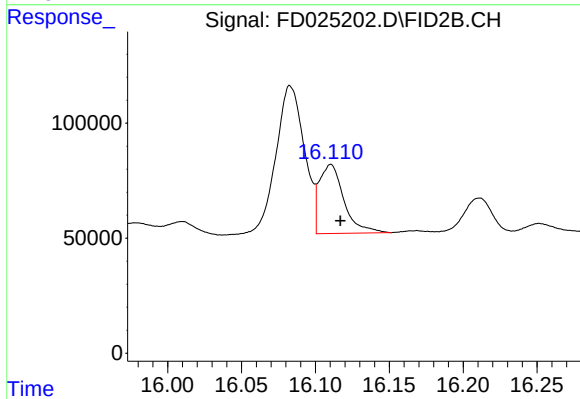
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: -0.006 min
Response: 912439
Conc: 10.83 ug/ml



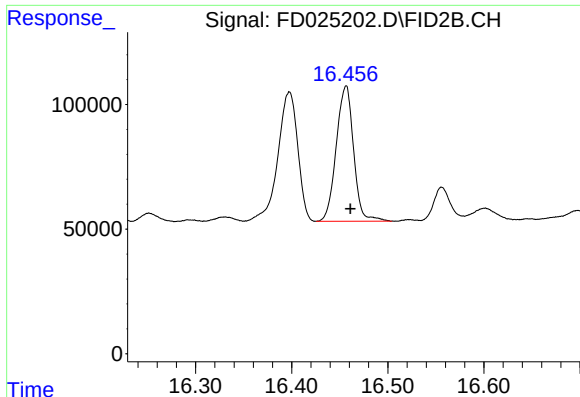
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.083 min
Delta R.T.: -0.003 min
Response: 868675
Conc: 9.66 ug/ml



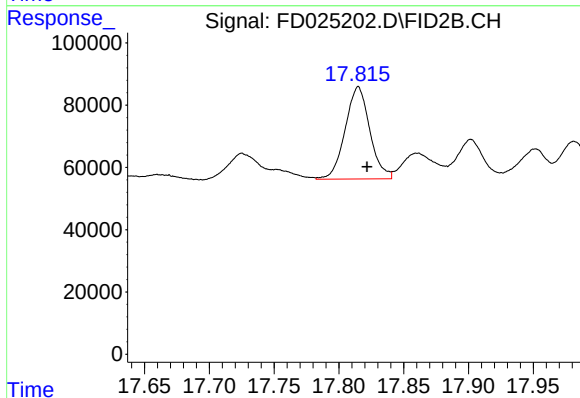
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: -0.006 min
Response: 349190
Conc: 3.88 ug/ml



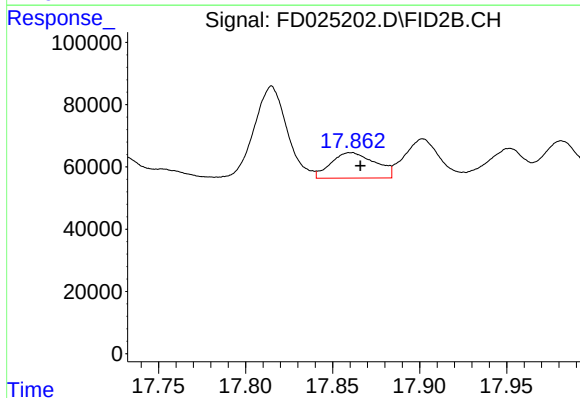
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min
Delta R.T.: -0.004 min
Response: 676427
Conc: 7.35 ug/ml



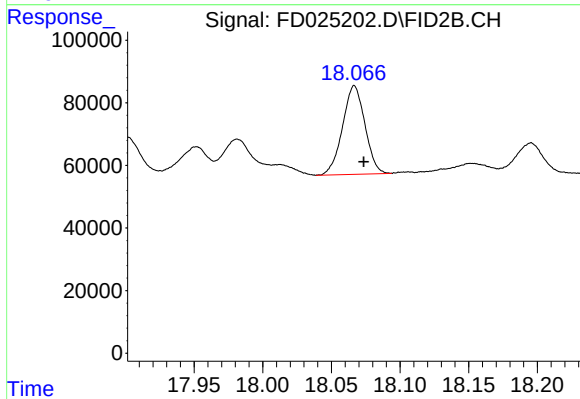
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.815 min
Delta R.T.: -0.007 min
Response: 391387
Conc: 4.15 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.006 min
Response: 144433
Conc: 1.58 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.007 min
Response: 320826
Conc: 3.31 ug/ml