

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025398.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2018 22:30
 Operator : AJ\SJ
 Sample : J4521-07
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 17 23:58:29 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			
4) S 2-Bromonaphthalene (S...	7.439	4833685	62.617 ug/ml
Spiked Amount 50.000		Recovery =	125.23%
6) S 2-Fluorobiphenyl (SURR)	8.292	3524706	65.552 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	131.10%#
11) S ortho-Terphenyl (SURR)	11.340	3718344	43.816 ug/ml
Spiked Amount 50.000		Recovery =	87.63%
Target Compounds			
2) T Naphthalene (C11.7)	5.771	71234	0.827 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	83607	0.972 ug/ml
5) T Acenaphthylene (C15.06)	8.066	236282	2.782 ug/ml
7) T Acenaphthene (C15.5)	8.388	871964	9.793 ug/ml
8) T Fluorene (C16.55)	9.167	1216582	13.660 ug/ml
9) T Phenanthrene (C19.36)	10.573	11844158	132.242 ug/ml
10) T Anthracene (C19.43)	10.640	4611938	52.374 ug/ml
12) T Fluoranthene (C21.85)	12.396	22607527	257.315 ug/ml
13) T Pyrene (C20.8)	12.688	18760614	213.482 ug/ml
14) T Benzo[a]anthracene (C...	14.550	10570245	126.739 ug/ml
15) T Chrysene (C27.41)	14.594	9189747	109.088 ug/ml
16) T benzo[b]fluoranthene ...	16.103	10720259	119.155 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	3680162	40.875 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	8299829	90.172 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	4761725	50.471 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	1228017	13.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	3681846	38.006 ug/ml

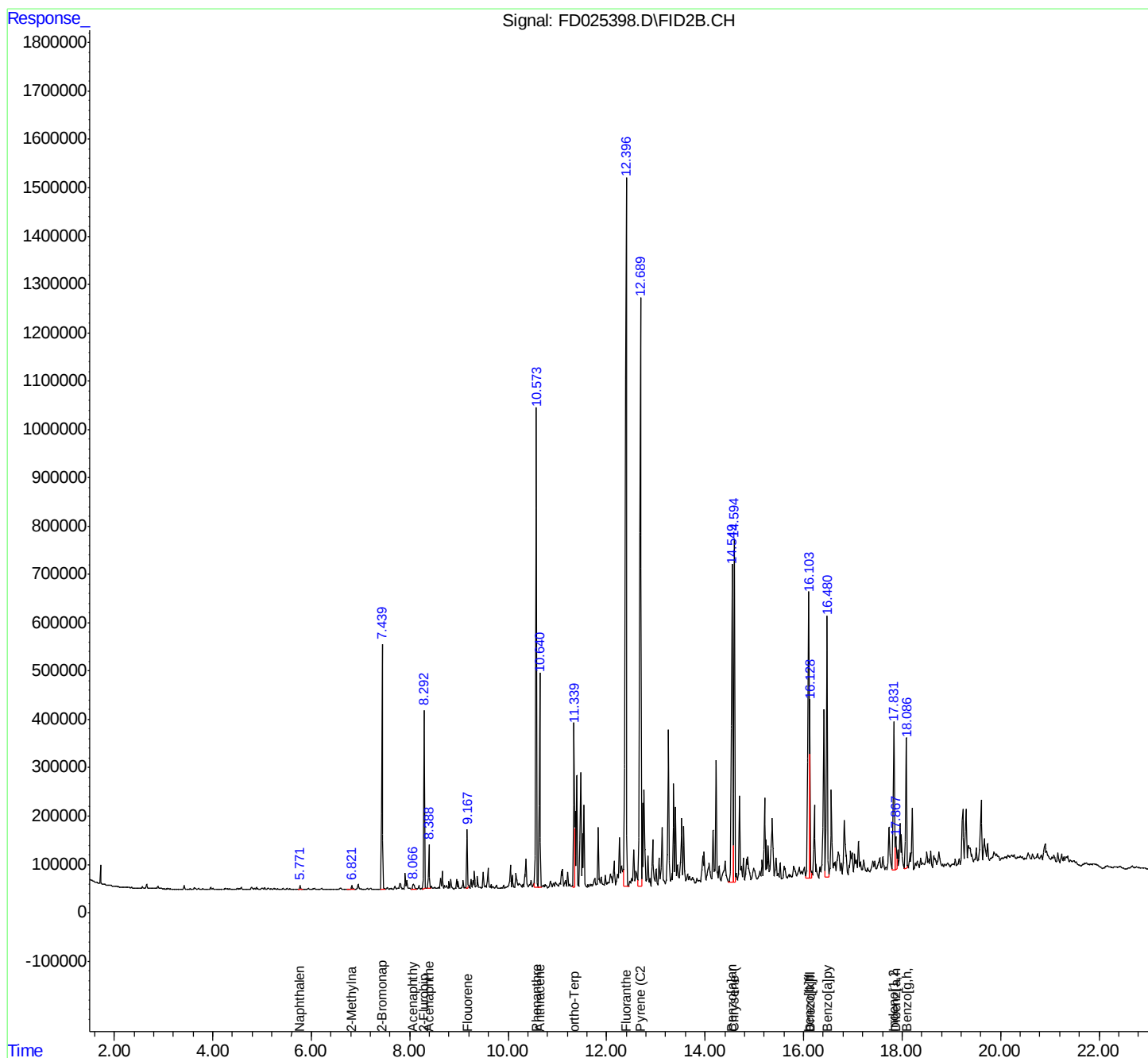
(f)=RT Delta > 1/2 Window

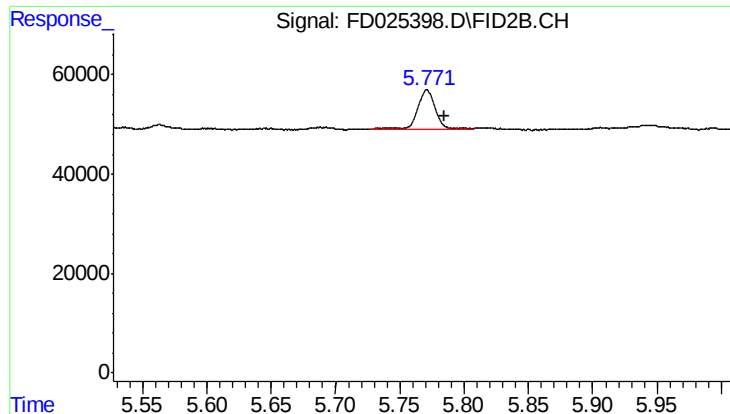
(m)=manual int.

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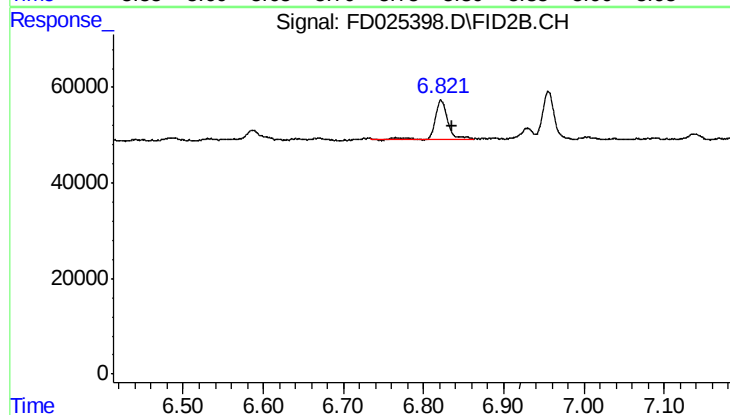
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





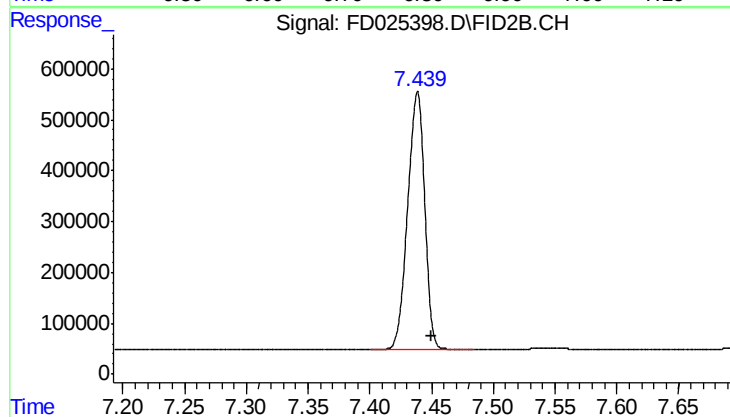
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 71234
Conc: 0.83 ug/ml



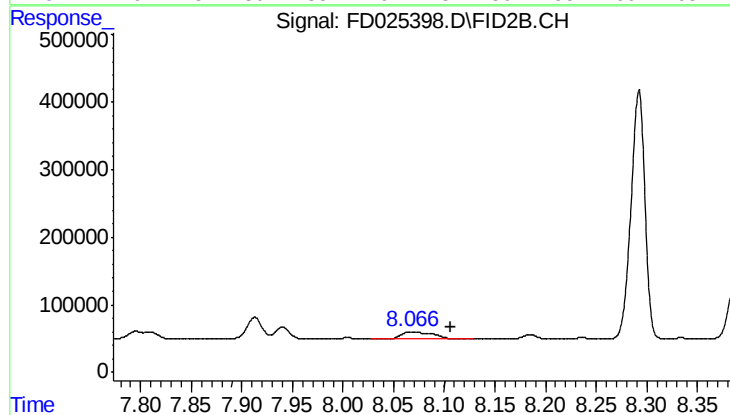
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.014 min
Response: 83607
Conc: 0.97 ug/ml



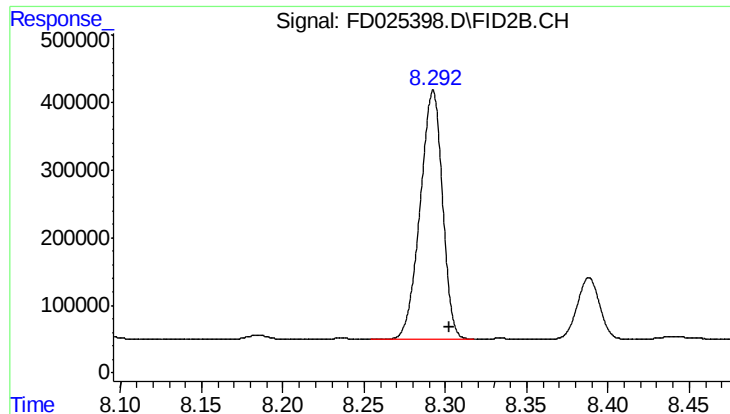
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.011 min
Response: 4833685
Conc: 62.62 ug/ml



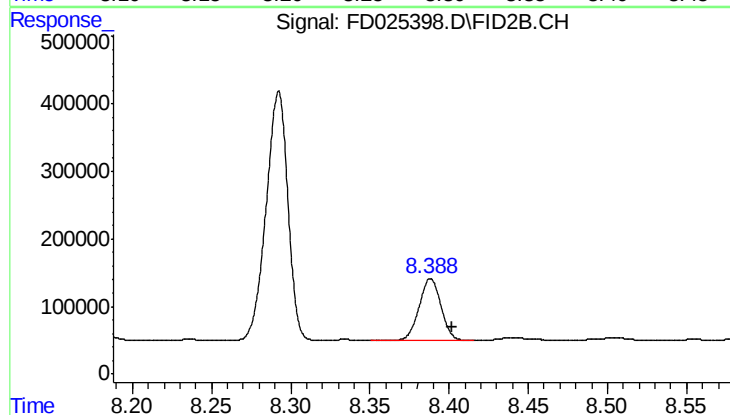
#5 Acenaphthylene (C15.06)

R.T.: 8.066 min
Delta R.T.: -0.040 min
Response: 236282
Conc: 2.78 ug/ml



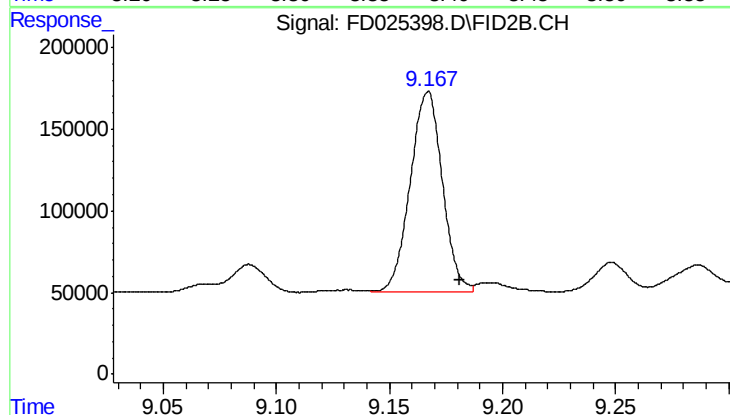
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 3524706
Conc: 65.55 ug/ml



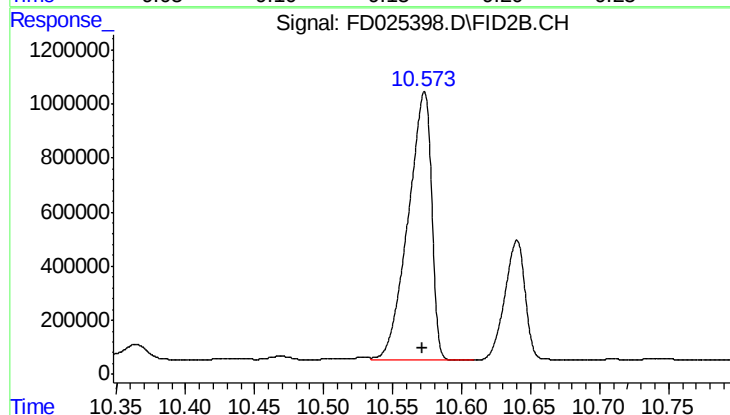
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: -0.014 min
Response: 871964
Conc: 9.79 ug/ml



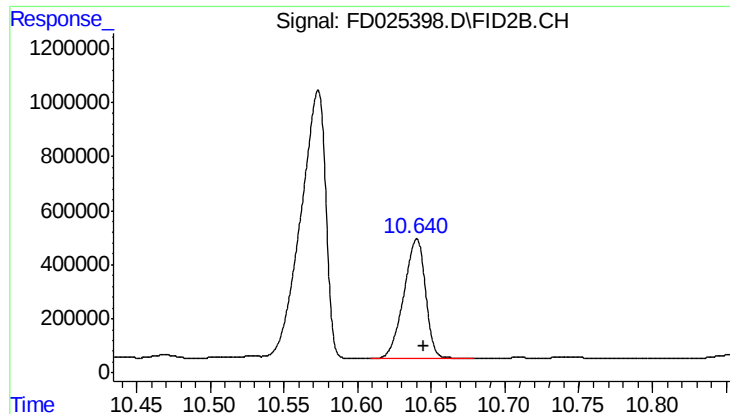
#8 Flouorene (C16.55)

R.T.: 9.167 min
Delta R.T.: -0.014 min
Response: 1216582
Conc: 13.66 ug/ml



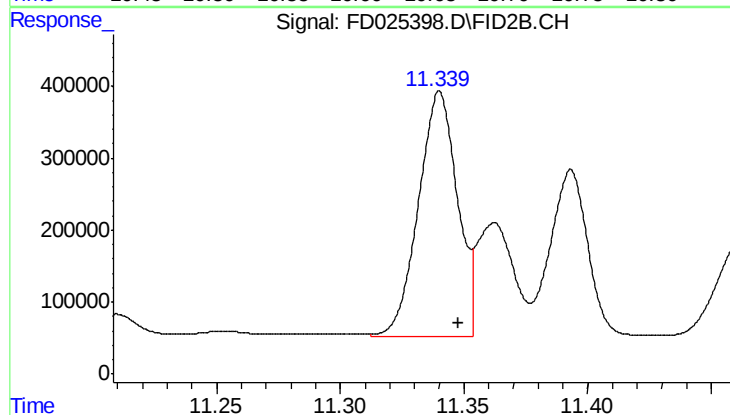
#9 Phenanthrene (C19.36)

R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 11844158
Conc: 132.24 ug/ml



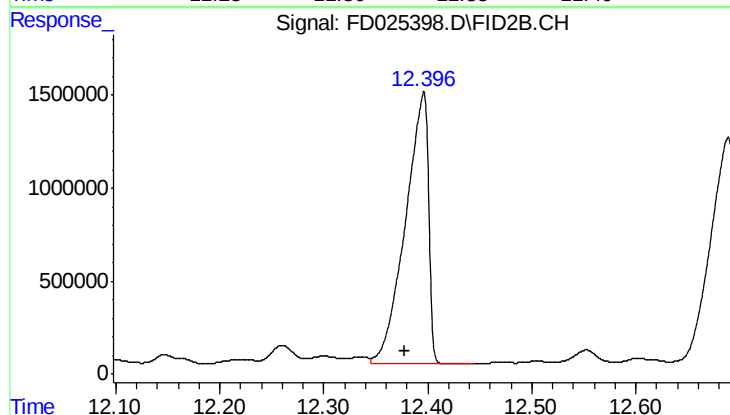
#10 Anthracene (C19.43)

R.T.: 10.640 min
Delta R.T.: -0.005 min
Response: 4611938
Conc: 52.37 ug/ml



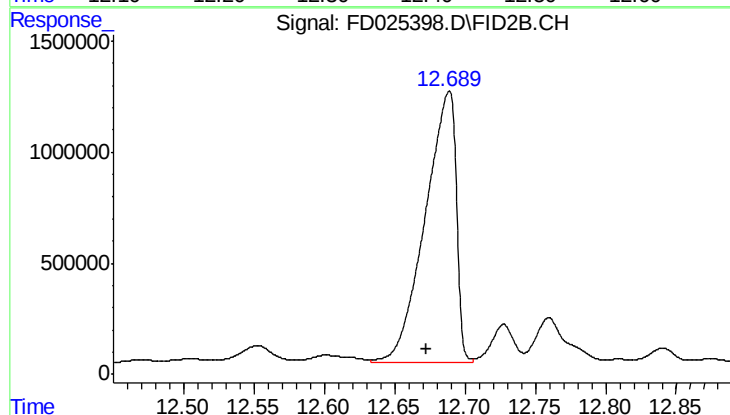
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 3718344
Conc: 43.82 ug/ml



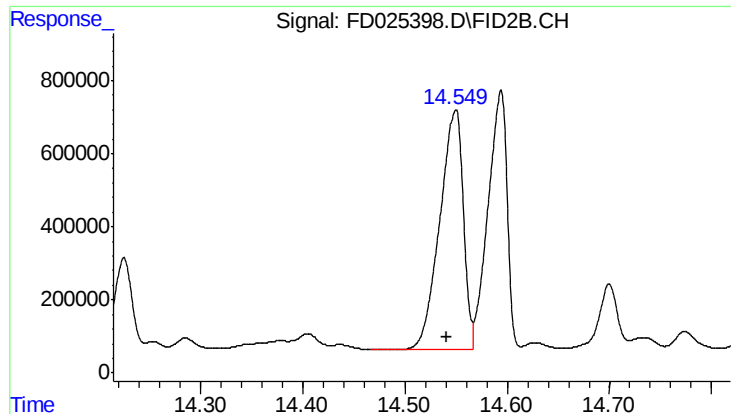
#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: 0.018 min
Response: 22607527
Conc: 257.32 ug/ml



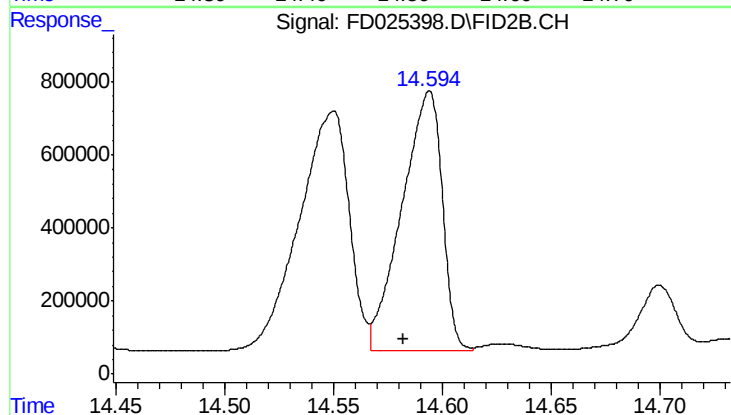
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.016 min
Response: 18760614
Conc: 213.48 ug/ml



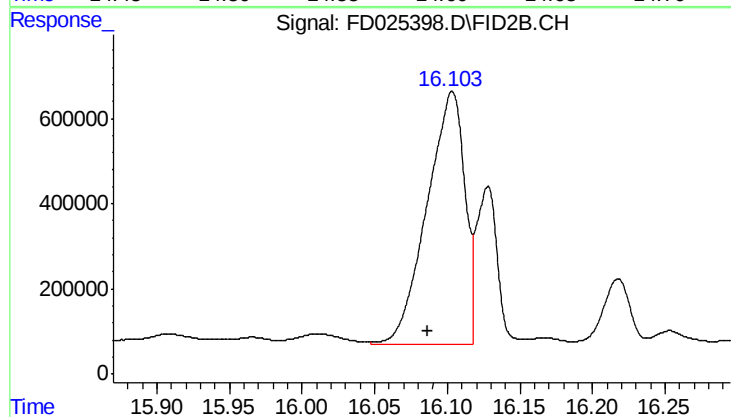
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.008 min
Response: 10570245
Conc: 126.74 ug/ml



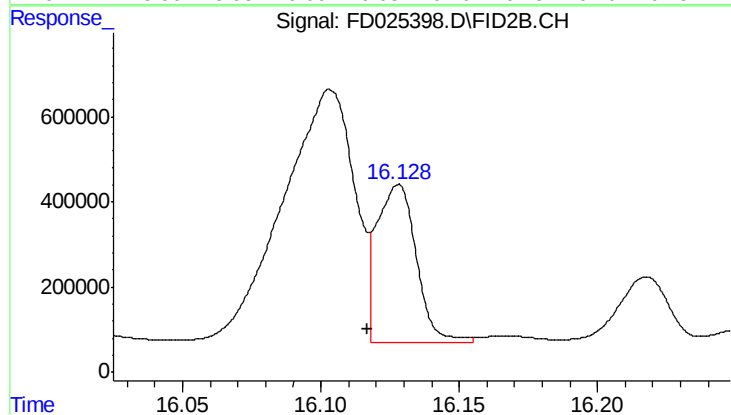
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.012 min
Response: 9189747
Conc: 109.09 ug/ml



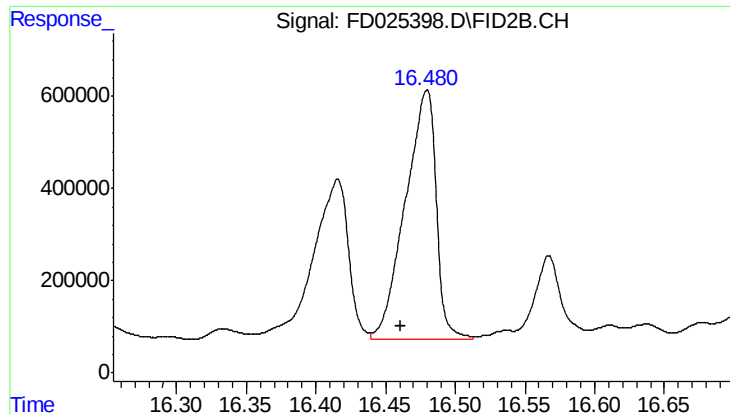
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.103 min
Delta R.T.: 0.017 min
Response: 10720259
Conc: 119.15 ug/ml



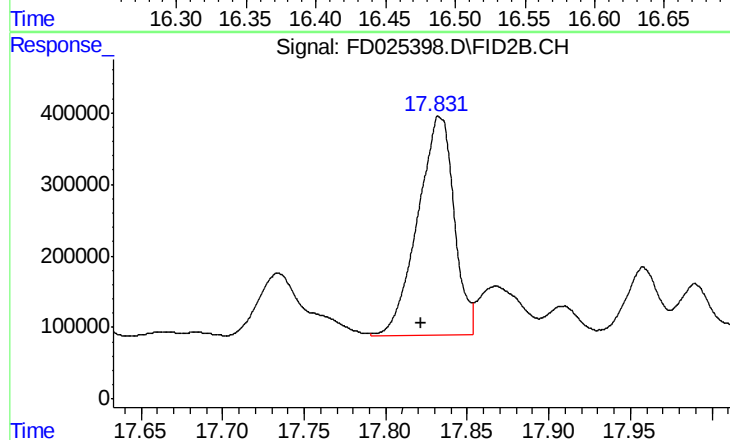
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.128 min
Delta R.T.: 0.011 min
Response: 3680162
Conc: 40.88 ug/ml



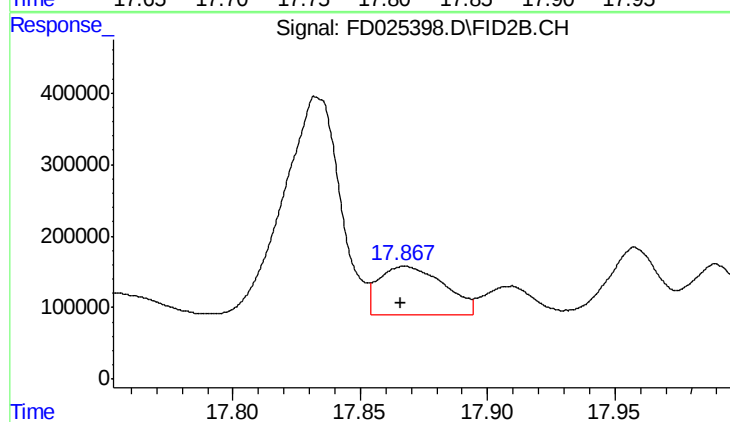
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.019 min
Response: 8299829
Conc: 90.17 ug/ml



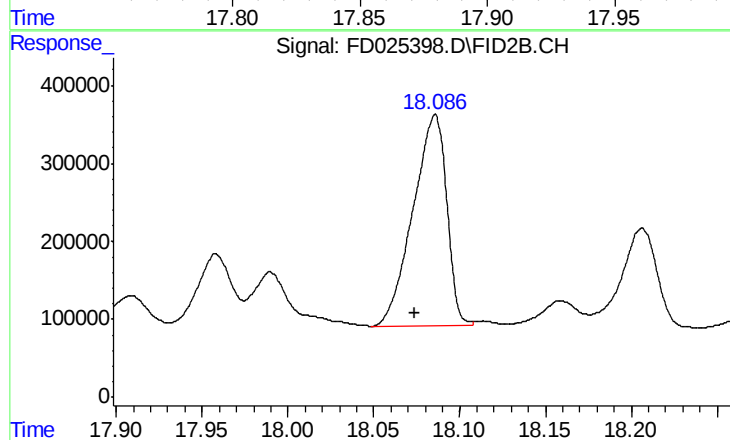
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: 0.011 min
Response: 4761725
Conc: 50.47 ug/ml



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

R.T.: 17.868 min
Delta R.T.: 0.002 min
Response: 1228017
Conc: 13.42 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.012 min
Response: 3681846
Conc: 38.01 ug/ml