

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025400.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2018 23:49
 Operator : AJ\SJ
 Sample : J4521-13
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 18 04:46:09 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	5015105	64.968 ug/ml
Spiked Amount 50.000		Recovery =	129.94%
6) S 2-Fluorobiphenyl (SURR)	8.293	3571622	66.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	132.85%#
11) S ortho-Terphenyl (SURR)	11.338	4280782	50.443 ug/ml
Spiked Amount 50.000		Recovery =	100.89%
Target Compounds			
2) T Naphthalene (C11.7)	5.771	64814	0.752 ug/ml
7) T Acenaphthene (C15.5)	8.388	71165	0.799 ug/ml
8) T Fluorene (C16.55)	9.167	75641	0.849 ug/ml
9) T Phenanthrene (C19.36)	10.559	1443636	16.118 ug/ml
10) T Anthracene (C19.43)	10.632	576738	6.550 ug/ml
12) T Fluoranthene (C21.85)	12.375	5875665	66.876 ug/ml
13) T Pyrene (C20.8)	12.670	5375120	61.165 ug/ml
14) T Benzo[a]anthracene (C...	14.536	3554646	42.621 ug/ml
15) T Chrysene (C27.41)	14.579	3214178	38.154 ug/ml
16) T benzo[b]fluoranthene ...	16.088	4365695	48.524 ug/ml
17) T Bnezo[k]fluoranthene ...	16.113	1567685	17.412 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	3513318	38.170 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2239145	23.733 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	559235	6.111 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	1826998	18.859 ug/ml

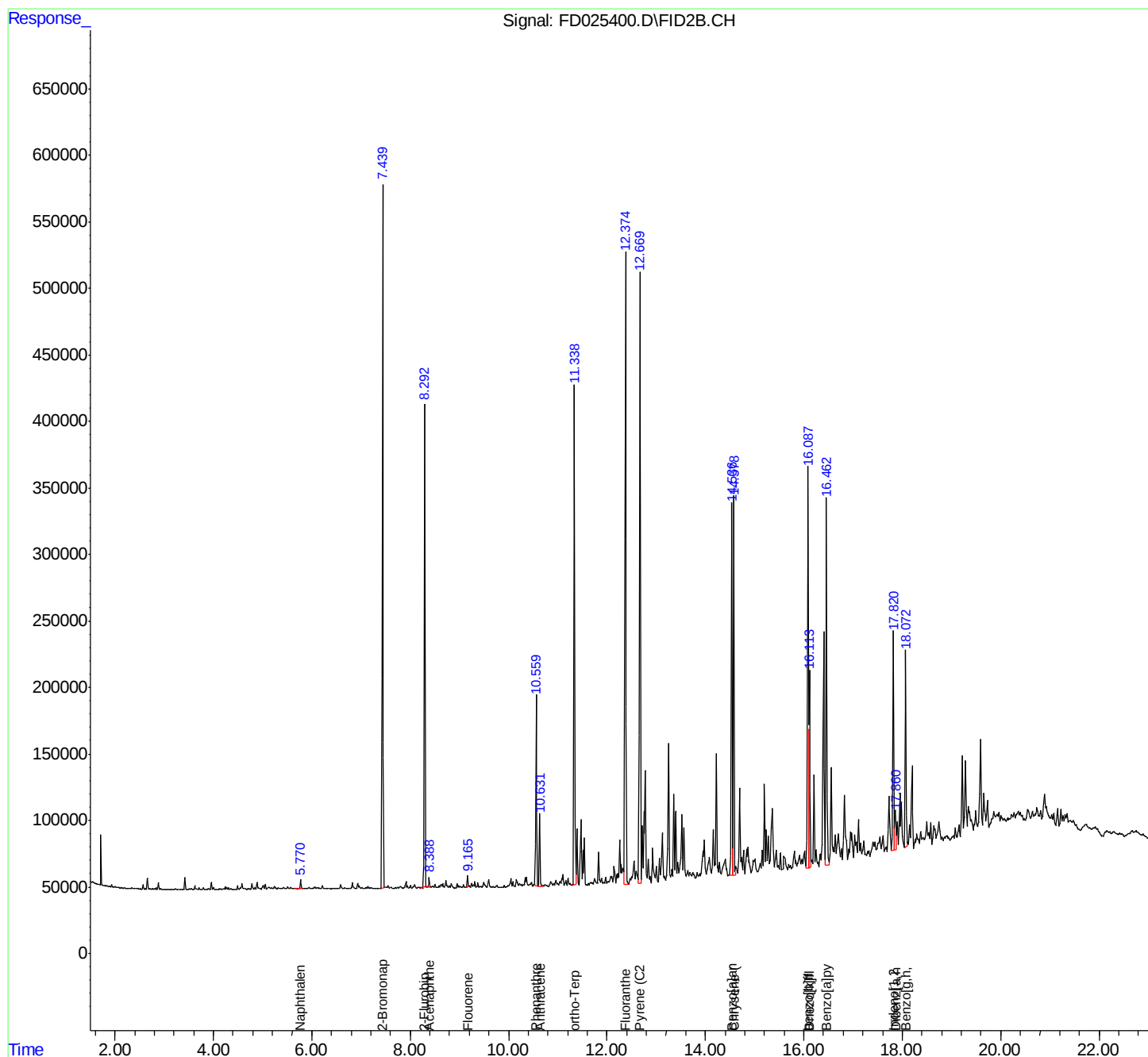
(f)=RT Delta > 1/2 Window

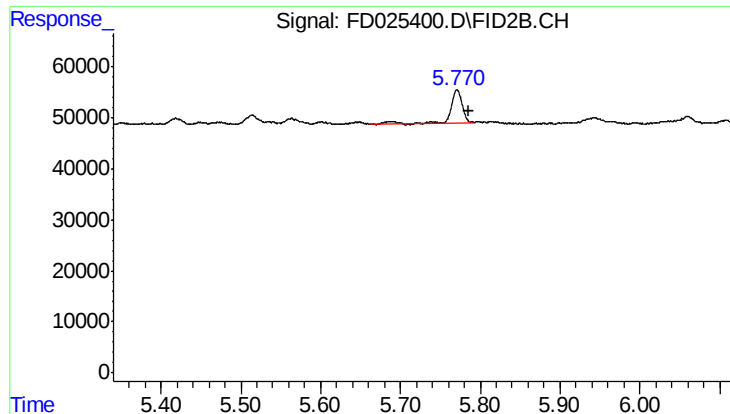
(m)=manual int.

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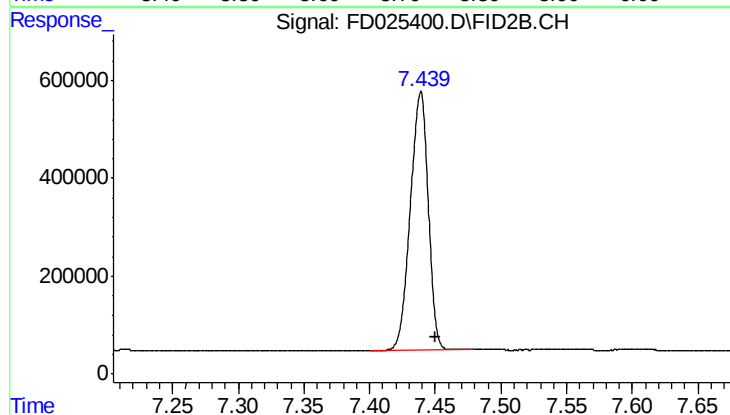
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Signal Info : 20M x 0.18mm x 0.18µm





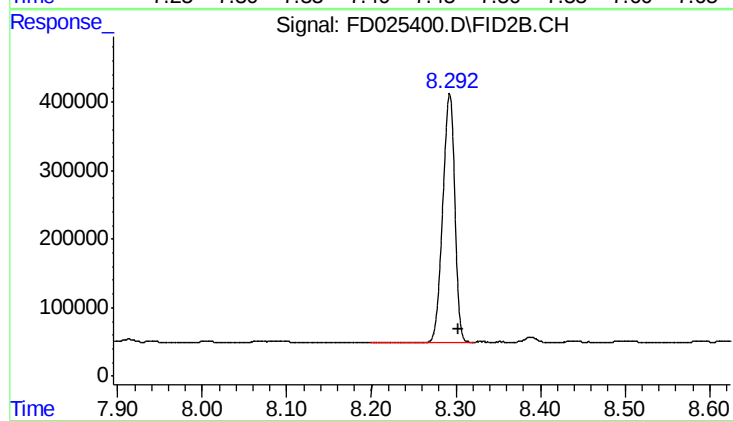
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 64814
Conc: 0.75 ug/ml



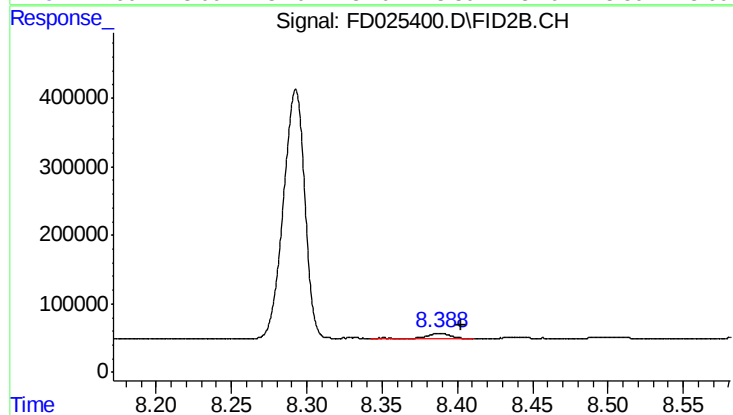
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.011 min
Response: 5015105
Conc: 64.97 ug/ml



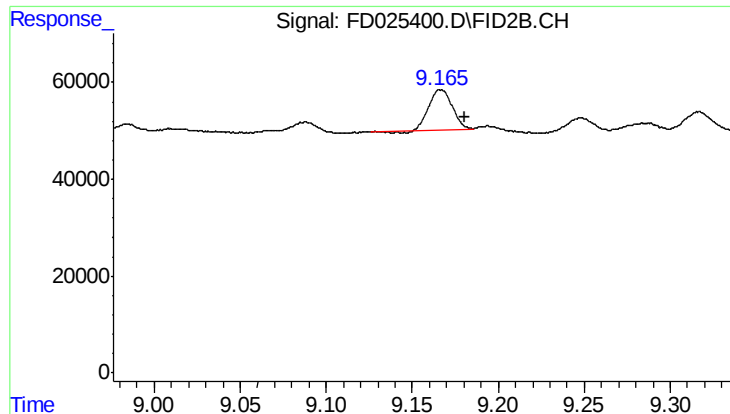
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.293 min
Delta R.T.: -0.010 min
Response: 3571622
Conc: 66.42 ug/ml



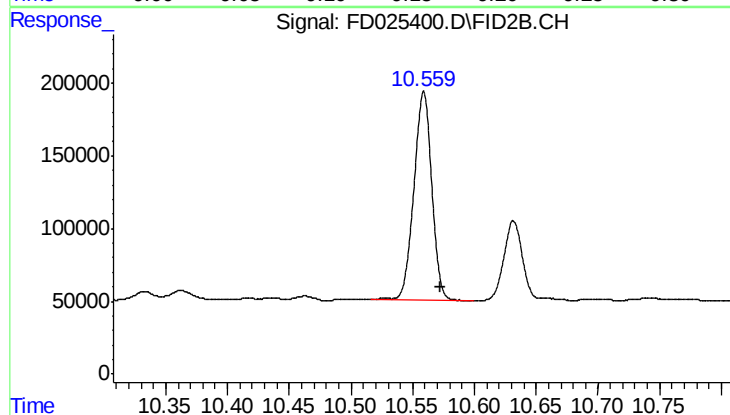
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: -0.014 min
Response: 71165
Conc: 0.80 ug/ml



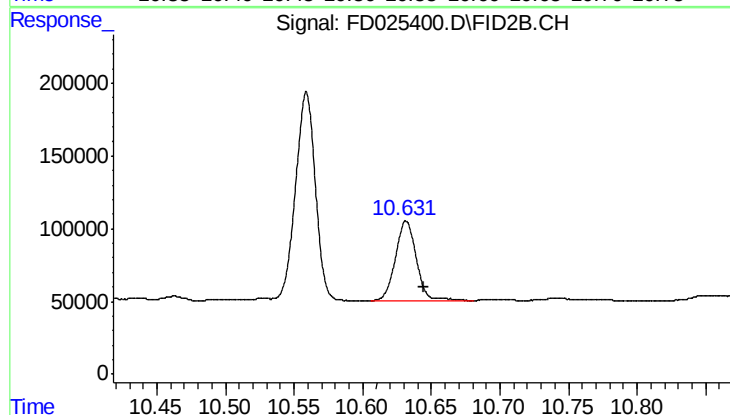
#8 Flouorene (C16.55)

R.T.: 9.167 min
Delta R.T.: -0.014 min
Response: 75641
Conc: 0.85 ug/ml



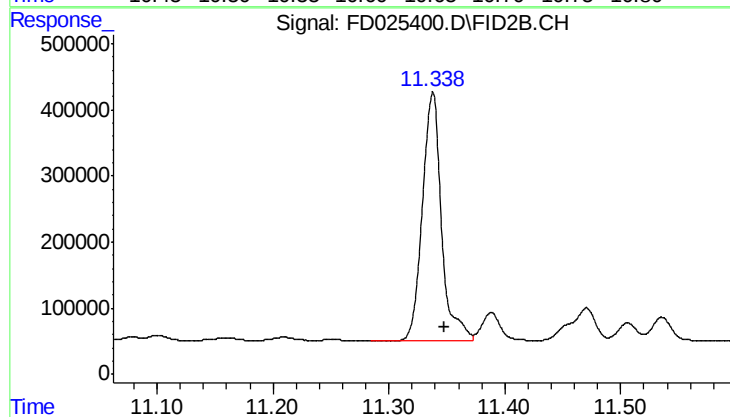
#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: -0.013 min
Response: 1443636
Conc: 16.12 ug/ml



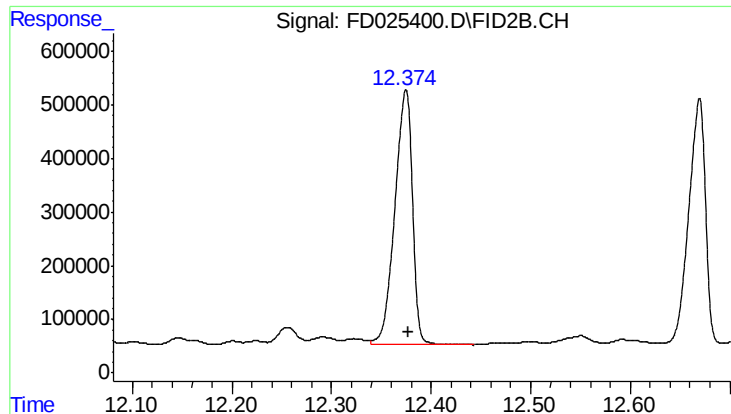
#10 Anthracene (C19.43)

R.T.: 10.632 min
Delta R.T.: -0.013 min
Response: 576738
Conc: 6.55 ug/ml



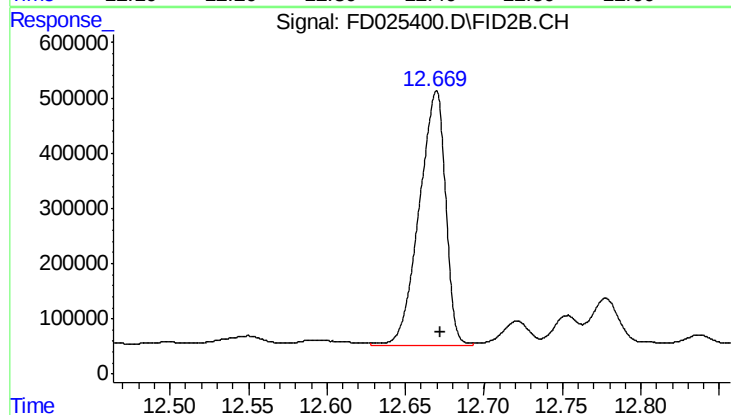
#11 ortho-Terphenyl (SURR)

R.T.: 11.338 min
Delta R.T.: -0.010 min
Response: 4280782
Conc: 50.44 ug/ml



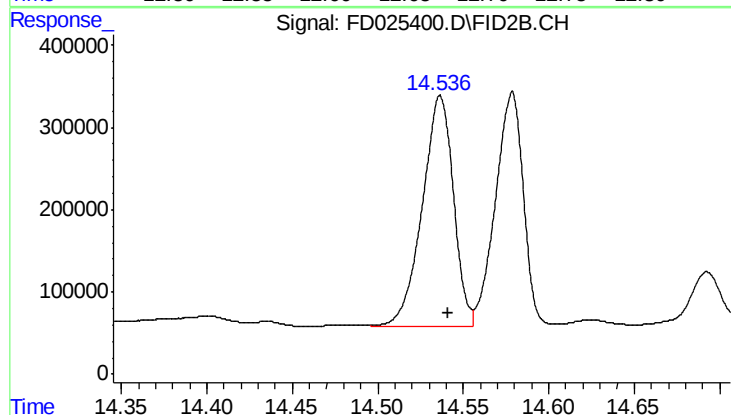
#12 Fluoranthene (C21.85)

R.T.: 12.375 min
Delta R.T.: -0.003 min
Response: 5875665
Conc: 66.88 ug/ml



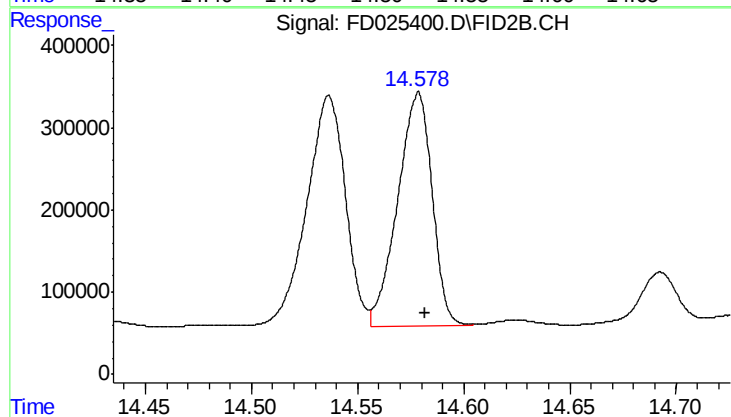
#13 Pyrene (C20.8)

R.T.: 12.670 min
Delta R.T.: -0.002 min
Response: 5375120
Conc: 61.16 ug/ml



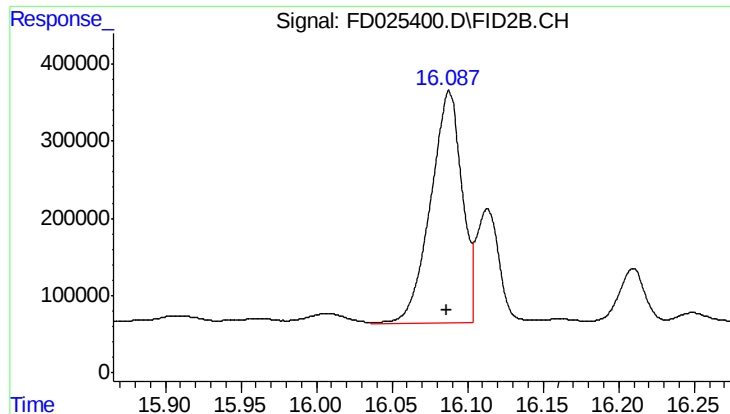
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min
Delta R.T.: -0.005 min
Response: 3554646
Conc: 42.62 ug/ml



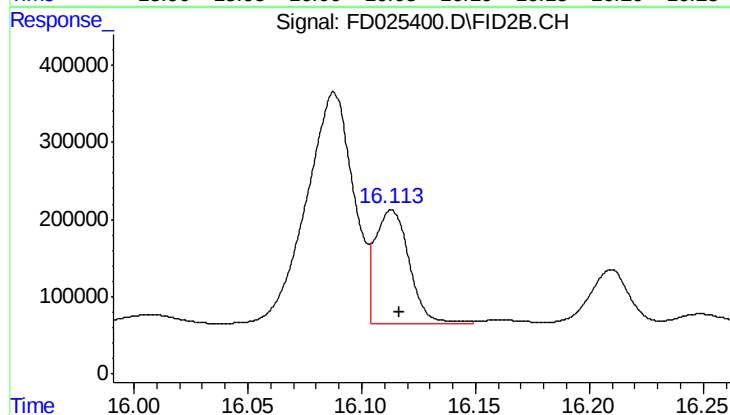
#15 Chrysene (C27.41)

R.T.: 14.579 min
Delta R.T.: -0.003 min
Response: 3214178
Conc: 38.15 ug/ml



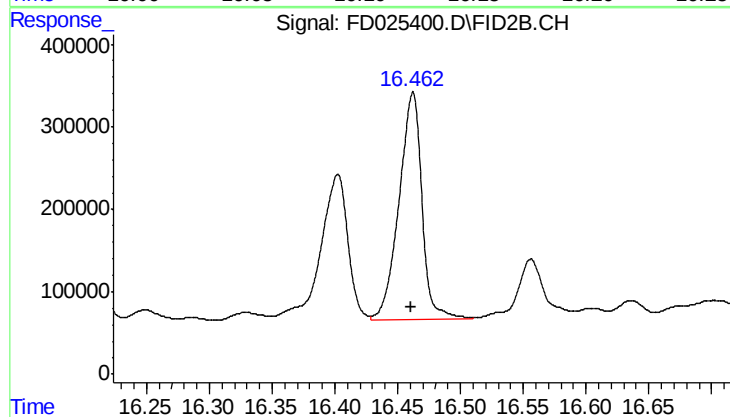
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.002 min
Response: 4365695
Conc: 48.52 ug/ml



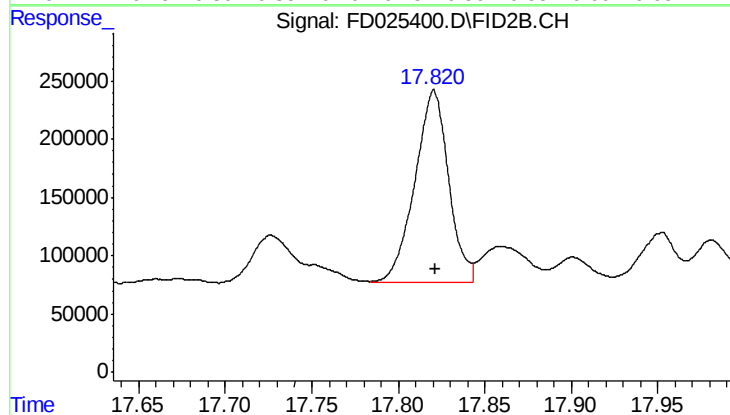
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.113 min
Delta R.T.: -0.004 min
Response: 1567685
Conc: 17.41 ug/ml



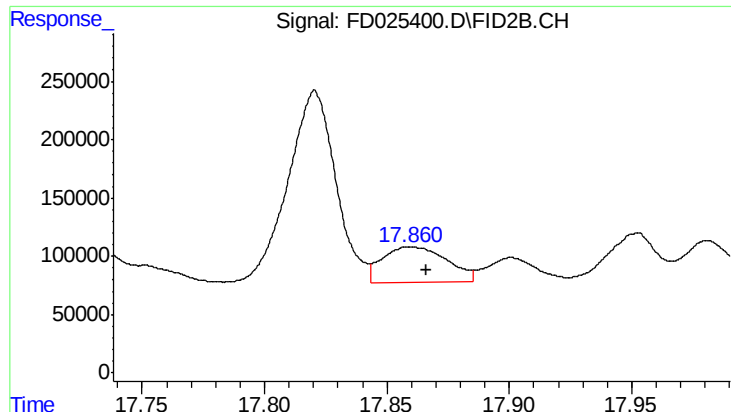
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.001 min
Response: 3513318
Conc: 38.17 ug/ml



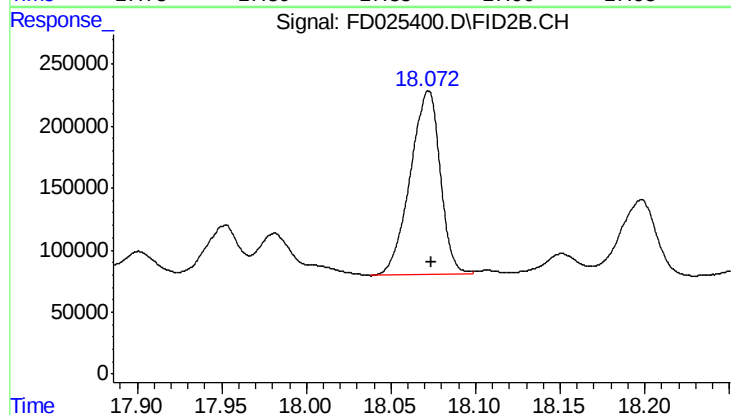
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: -0.001 min
Response: 2239145
Conc: 23.73 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.006 min
Response: 559235
Conc: 6.11 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.001 min
Response: 1826998
Conc: 18.86 ug/ml