

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062518AR\
 Data File : FD024765.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2018 8:26
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 26 12:25:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.483	1800045	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
6) S 2-Fluorobiphenyl (SURR)	8.340	1257500	19.827 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.65%
11) S ortho-Terphenyl (SURR)	11.388	2090761	20.833 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	1969280	21.189 ug/ml
2) T Naphthalene (C11.7)	5.816	2081841	20.516 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	2035678	20.022 ug/ml
5) T Acenaphthylene (C15.06)	8.143	1971460	19.745 ug/ml
7) T Acenaphthene (C15.5)	8.439	2060190	19.722 ug/ml
8) T Fluorene (C16.55)	9.220	2069254	19.804 ug/ml
9) T Phenanthrene (C19.36)	10.614	2153576	20.946 ug/ml
10) T Anthracene (C19.43)	10.689	2148383	21.073 ug/ml
12) T Fluoranthene (C21.85)	12.426	2302701	23.094 ug/ml
13) T Pyrene (C20.8)	12.721	2331281	23.444 ug/ml
14) T Benzo[a]anthracene (C...	14.594	2325351	24.769 ug/ml
15) T Chrysene (C27.41)	14.637	2330535	24.635 ug/ml
16) T benzo[b]fluoranthene ...	16.144	2370174	22.920 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	2350029	22.270 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.522	2369014	22.797 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	2297350	21.554 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	2364641	22.609 ug/ml
21) T Benzo[g,h,i]perylene ...	18.141	2310010	21.748 ug/ml

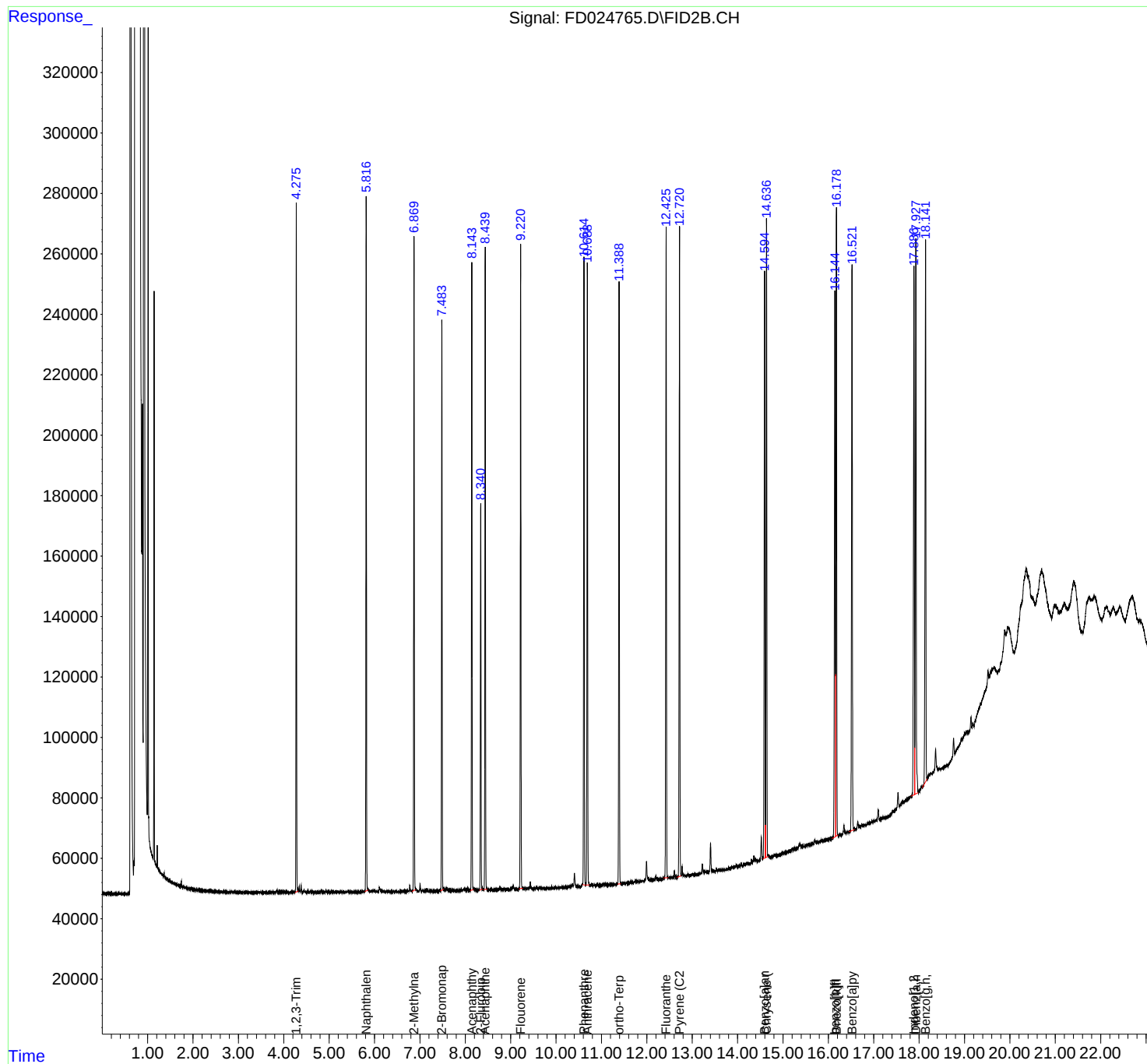
(f)=RT Delta > 1/2 Window

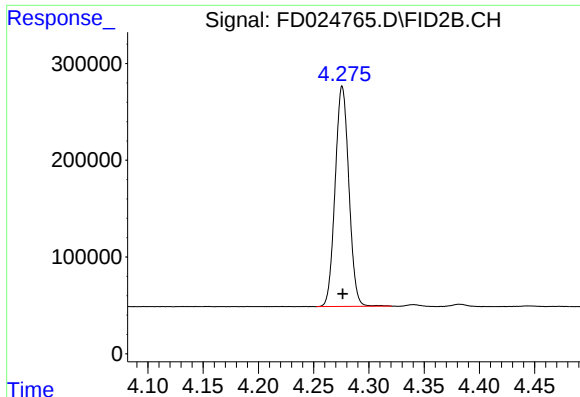
(m)=manual int.

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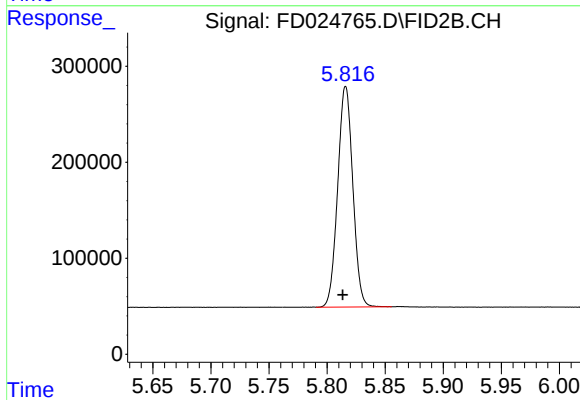
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Signal Info : 20M x 0.18mm x 0.18µm





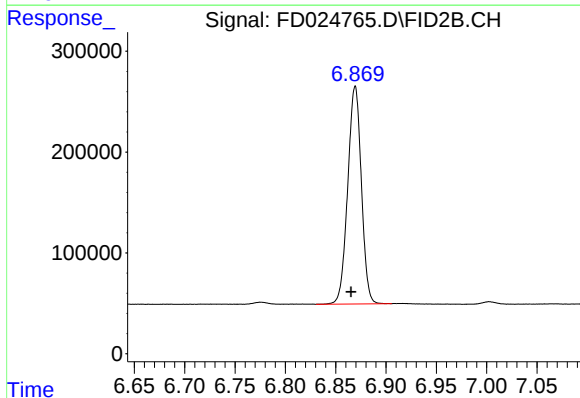
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 1969280
Conc: 21.19 ug/ml



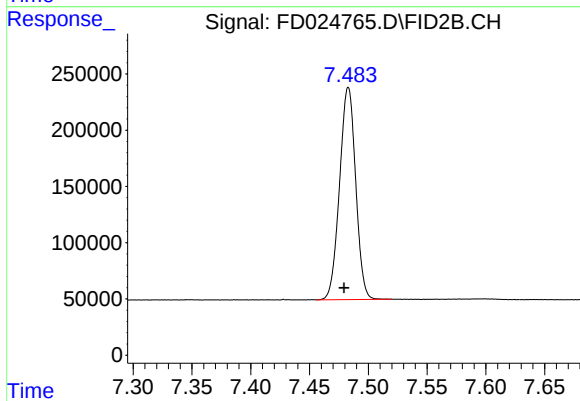
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.003 min
Response: 2081841
Conc: 20.52 ug/ml



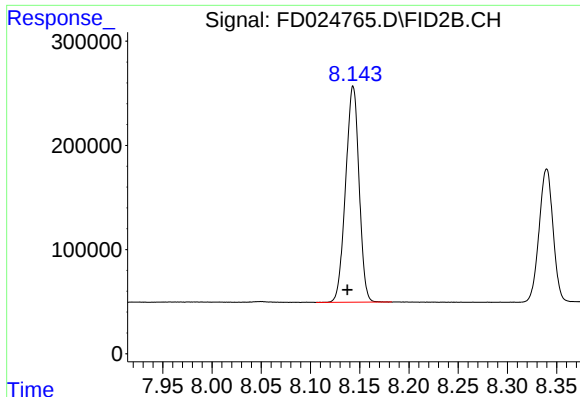
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: 0.004 min
Response: 2035678
Conc: 20.02 ug/ml



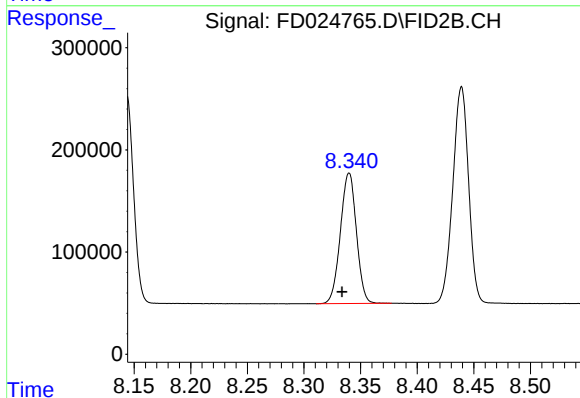
#4 2-Bromonaphthalene (SURR)

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 1800045
Conc: 19.68 ug/ml



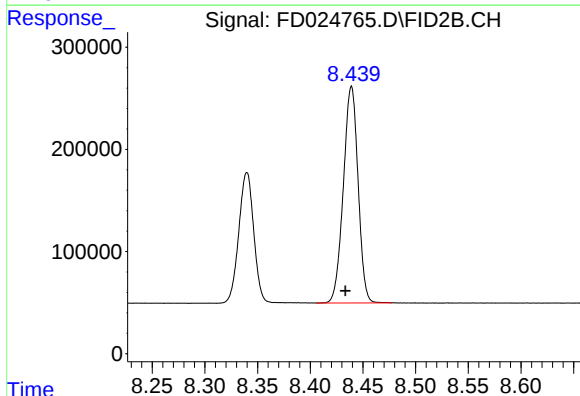
#5 Acenaphthylene (C15.06)

R.T.: 8.143 min
Delta R.T.: 0.006 min
Response: 1971460
Conc: 19.74 ug/ml



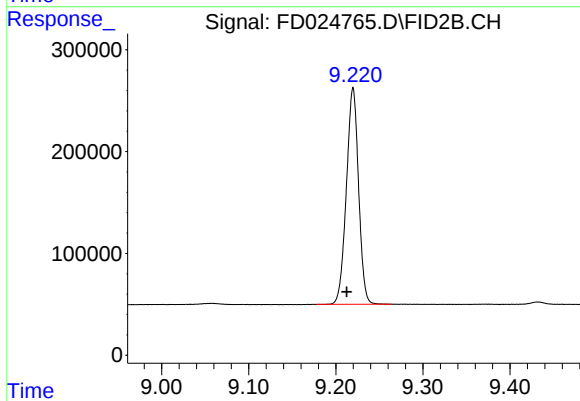
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: 0.006 min
Response: 1257500
Conc: 19.83 ug/ml



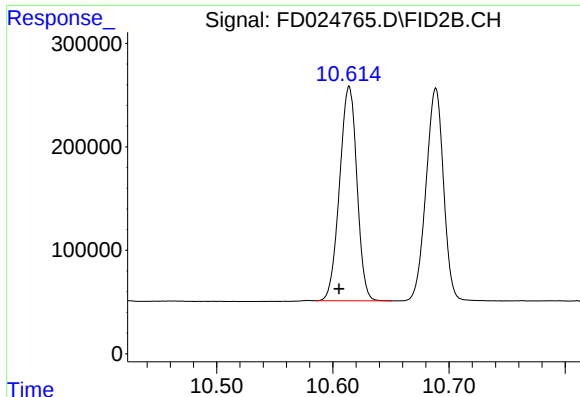
#7 Acenaphthene (C15.5)

R.T.: 8.439 min
Delta R.T.: 0.006 min
Response: 2060190
Conc: 19.72 ug/ml



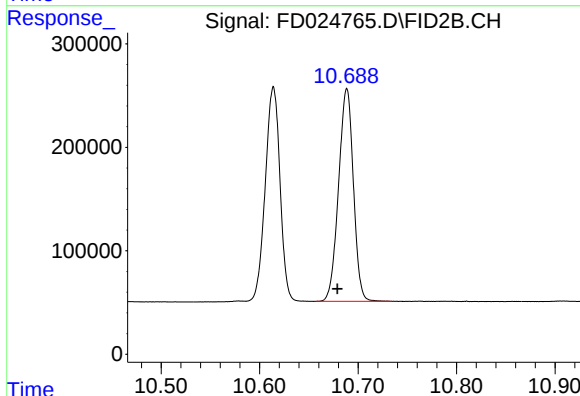
#8 Fluorene (C16.55)

R.T.: 9.220 min
Delta R.T.: 0.007 min
Response: 2069254
Conc: 19.80 ug/ml



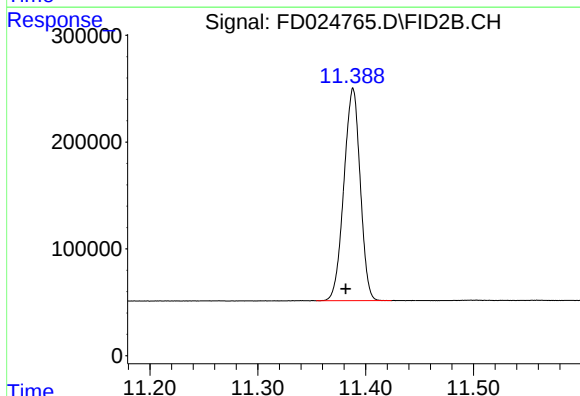
#9 Phenanthrene (C19.36)

R.T.: 10.614 min
Delta R.T.: 0.009 min
Response: 2153576
Conc: 20.95 ug/ml



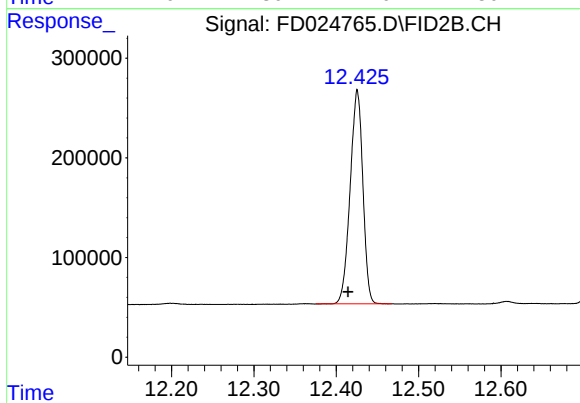
#10 Anthracene (C19.43)

R.T.: 10.689 min
Delta R.T.: 0.010 min
Response: 2148383
Conc: 21.07 ug/ml



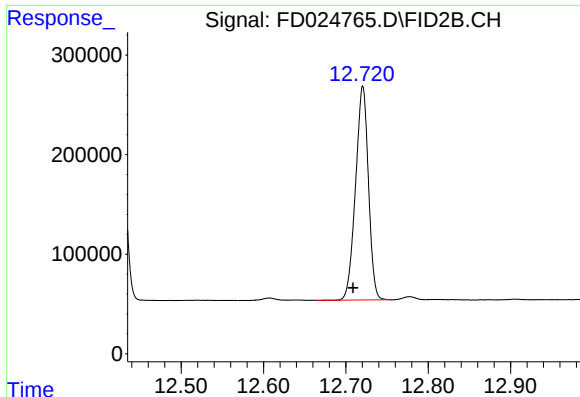
#11 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: 0.007 min
Response: 2090761
Conc: 20.83 ug/ml



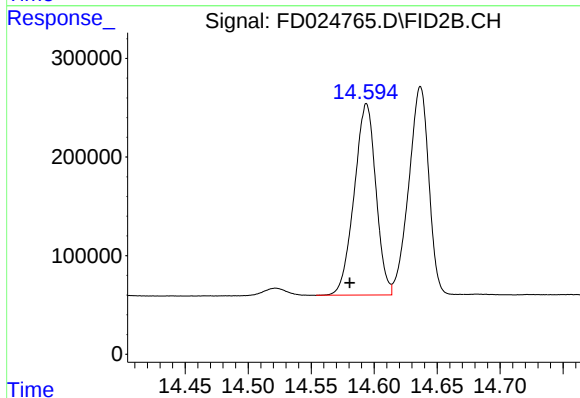
#12 Fluoranthene (C21.85)

R.T.: 12.426 min
Delta R.T.: 0.011 min
Response: 2302701
Conc: 23.09 ug/ml



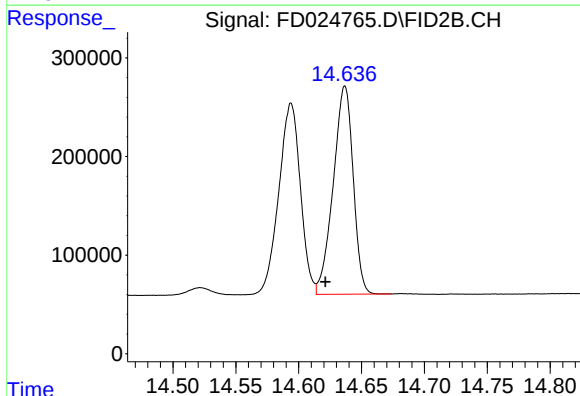
#13 Pyrene (C20.8)

R.T.: 12.721 min
Delta R.T.: 0.012 min
Response: 2331281
Conc: 23.44 ug/ml



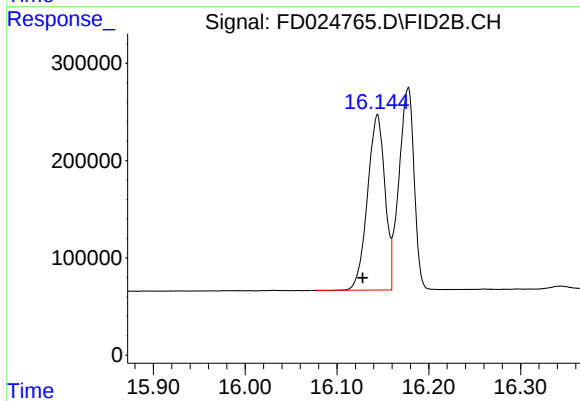
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.013 min
Response: 2325351
Conc: 24.77 ug/ml



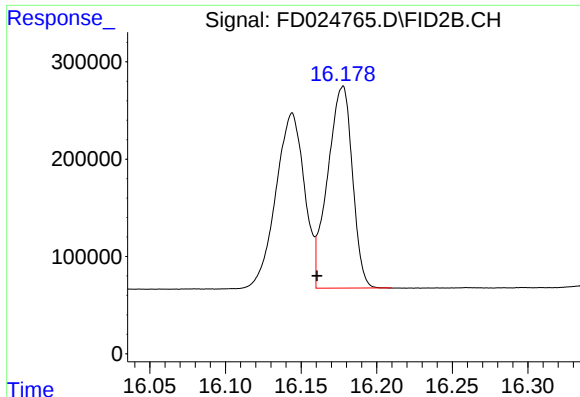
#15 Chrysene (C27.41)

R.T.: 14.637 min
Delta R.T.: 0.015 min
Response: 2330535
Conc: 24.64 ug/ml



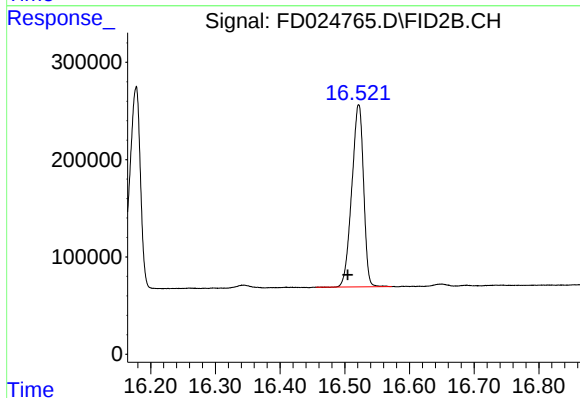
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.144 min
Delta R.T.: 0.016 min
Response: 2370174
Conc: 22.92 ug/ml



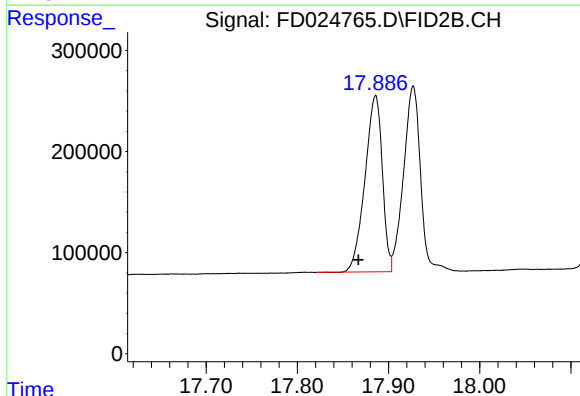
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.178 min
Delta R.T.: 0.017 min
Response: 2350029
Conc: 22.27 ug/ml m



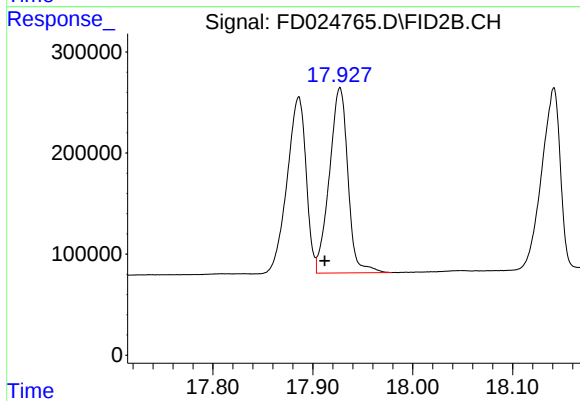
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: 0.017 min
Response: 2369014
Conc: 22.80 ug/ml



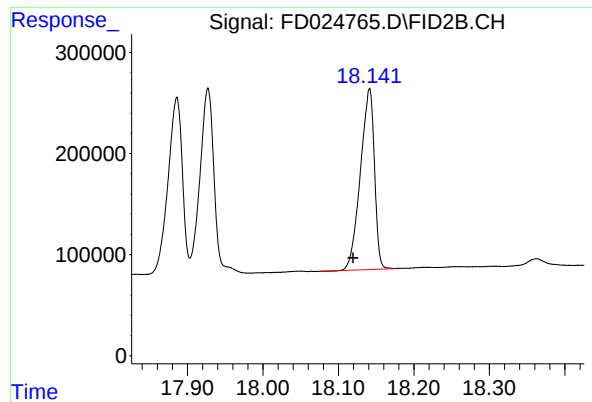
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.886 min
Delta R.T.: 0.019 min
Response: 2297350
Conc: 21.55 ug/ml



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

R.T.: 17.927 min
Delta R.T.: 0.015 min
Response: 2364641
Conc: 22.61 ug/ml



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

R.T.: 18.141 min
Delta R.T.: 0.022 min
Response: 2310010
Conc: 21.75 ug/ml