

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022619AR\
 Data File : FD027975.D
 Signal(s) : FID2B.CH
 Acq On : 27 Feb 2019 10:06
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 10:31:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 2019
 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...	7.334	1636453	22.043 ug/ml
Spiked Amount 50.000		Recovery =	44.09%
6) S 2-Fluorobiphenyl (SURR)	8.181	1074235	21.114 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.23%
11) S ortho-Terphenyl (SURR)	11.215	1803593	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1908633	24.149 ug/ml
2) T Naphthalene (C11.7)	5.672	1950903	22.920 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	1900650	22.529 ug/ml
5) T Acenaphthylene (C15.06)	7.984	1781849	21.281 ug/ml
7) T Acenaphthene (C15.5)	8.278	1883276	21.426 ug/ml
8) T Fluorene (C16.55)	9.056	1781788	20.431 ug/ml
9) T Phenanthrene (C19.36)	10.441	1761569	20.054 ug/ml
10) T Anthracene (C19.43)	10.515	1755656	20.318 ug/ml
12) T Fluoranthene (C21.85)	12.240	1856925	20.742 ug/ml
13) T Pyrene (C20.8)	12.533	1844187	20.783 ug/ml
14) T Benzo[a]anthracene (C...	14.399	1874957	20.969 ug/ml
15) T Chrysene (C27.41)	14.440	2012936	22.166 ug/ml
16) T benzo[b]fluoranthene ...	15.940	1906019	19.516 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.971	2040629	20.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.314	1913070	19.566 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.672	1556634	15.697 ug/mlm
20) T Dibenz[a,h]anthracene...	17.714	1576705	16.030 ug/ml
21) T Benzo[g,h,i]perylene ...	17.922	1757416	17.335 ug/ml

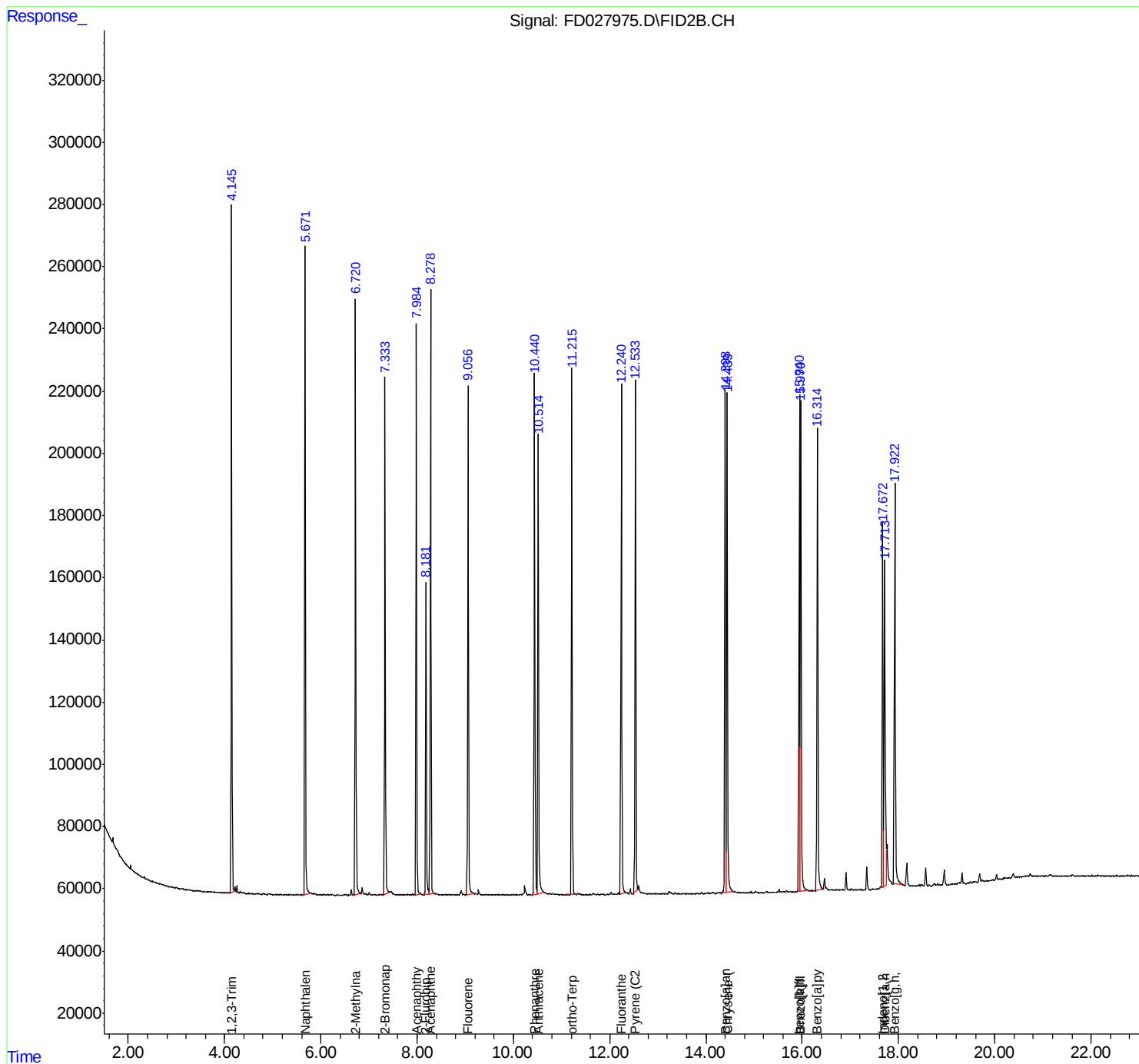
(f)=RT Delta > 1/2 Window

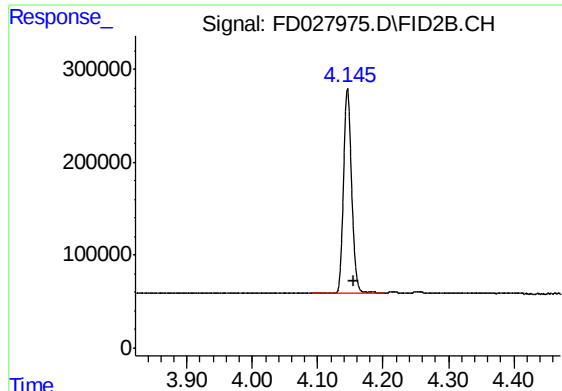
(m)=manual int.

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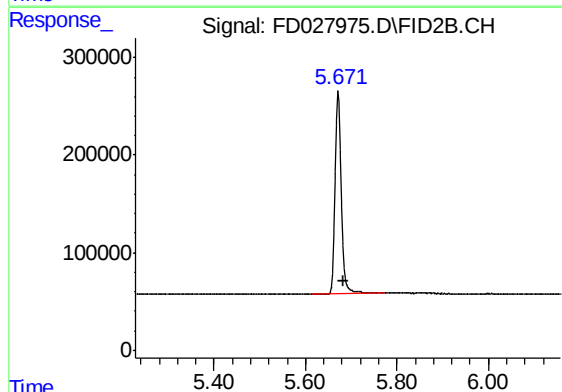
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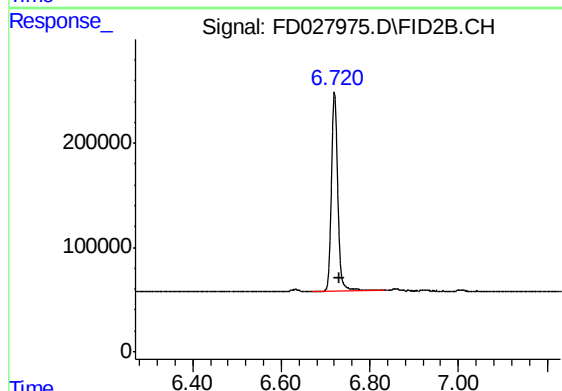
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1908633
Conc: 24.15 ug/ml



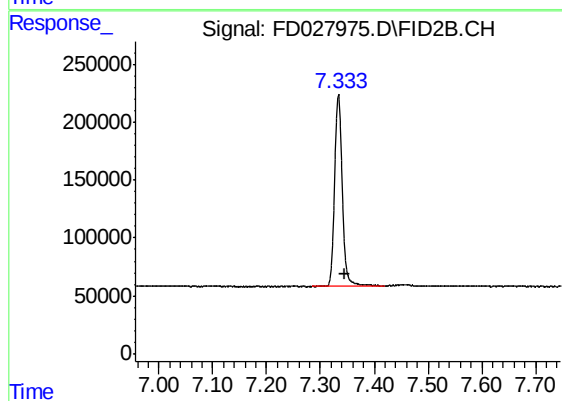
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.011 min
Response: 1950903
Conc: 22.92 ug/ml



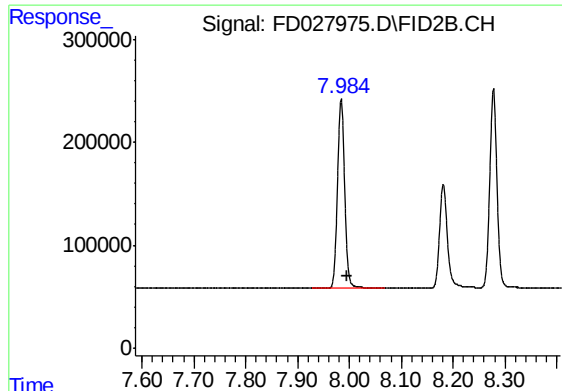
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.011 min
Response: 1900650
Conc: 22.53 ug/ml



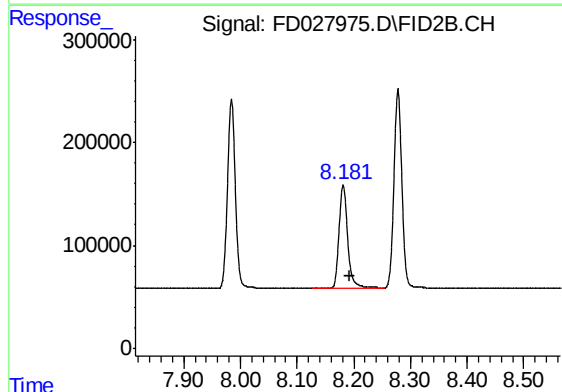
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.011 min
Response: 1636453
Conc: 22.04 ug/ml



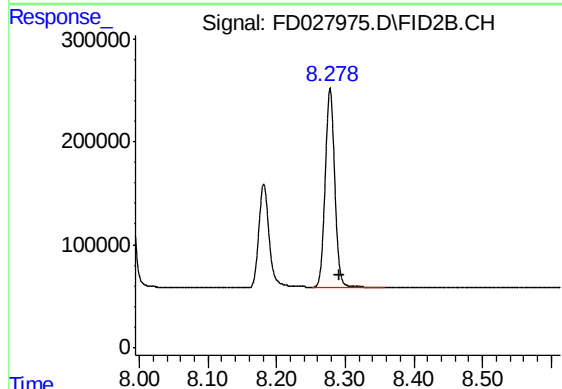
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 1781849
Conc: 21.28 ug/ml



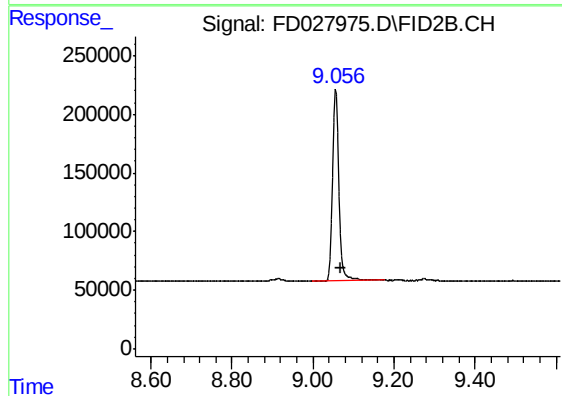
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.181 min
Delta R.T.: -0.012 min
Response: 1074235
Conc: 21.11 ug/ml



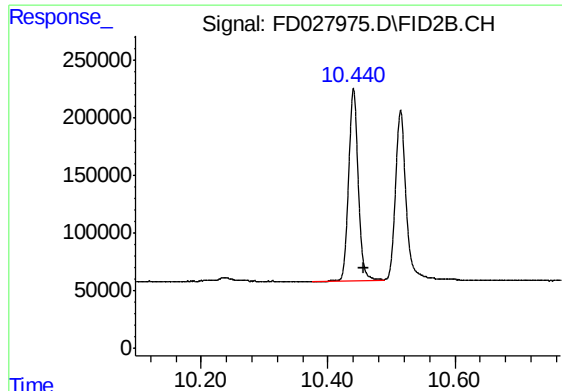
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: -0.014 min
Response: 1883276
Conc: 21.43 ug/ml



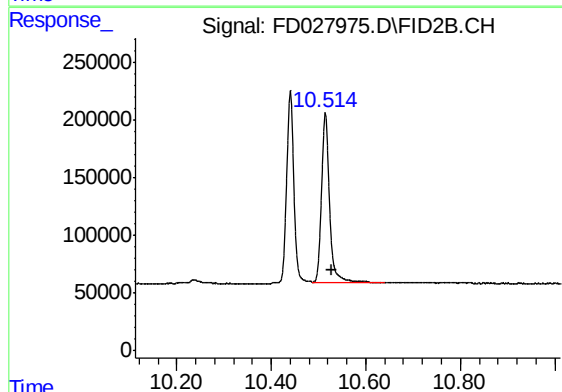
#8 Flouorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.014 min
Response: 1781788
Conc: 20.43 ug/ml



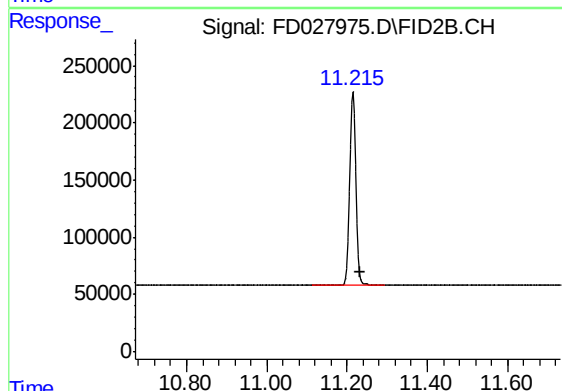
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.015 min
Response: 1761569
Conc: 20.05 ug/ml



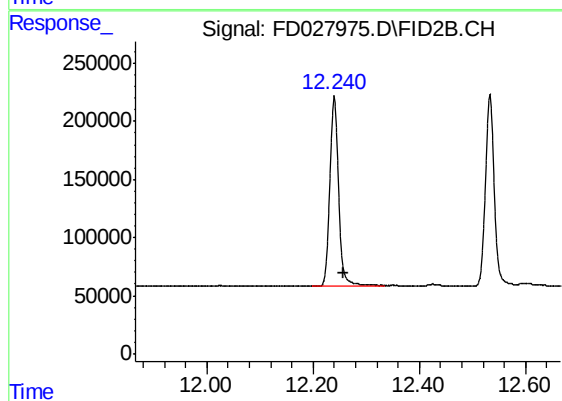
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.015 min
Response: 1755656
Conc: 20.32 ug/ml



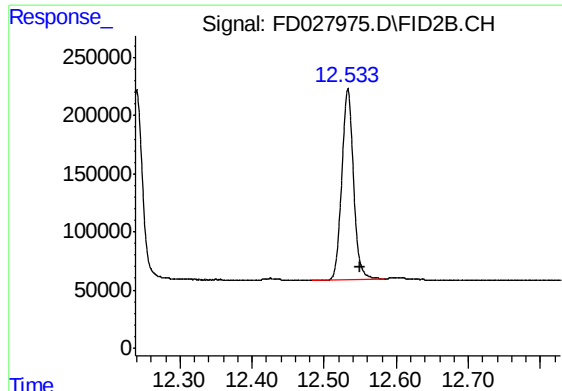
#11 ortho-Terphenyl (SURR)

R.T.: 11.215 min
Delta R.T.: -0.016 min
Response: 1803593
Conc: 20.35 ug/ml



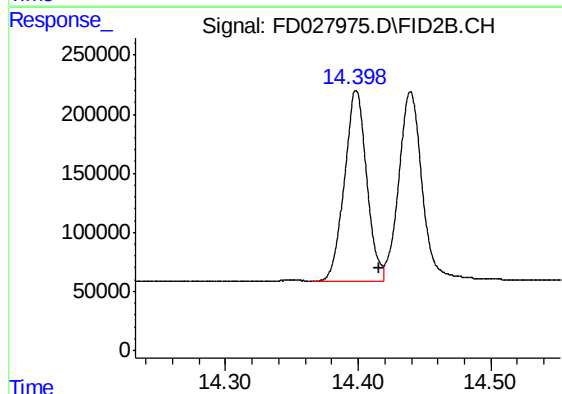
#12 Fluoranthene (C21.85)

R.T.: 12.240 min
Delta R.T.: -0.017 min
Response: 1856925
Conc: 20.74 ug/ml



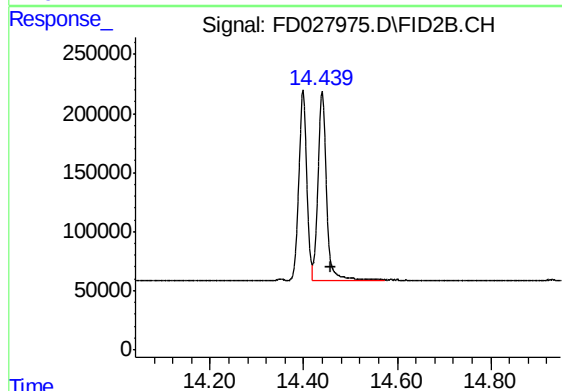
#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: -0.017 min
Response: 1844187
Conc: 20.78 ug/ml



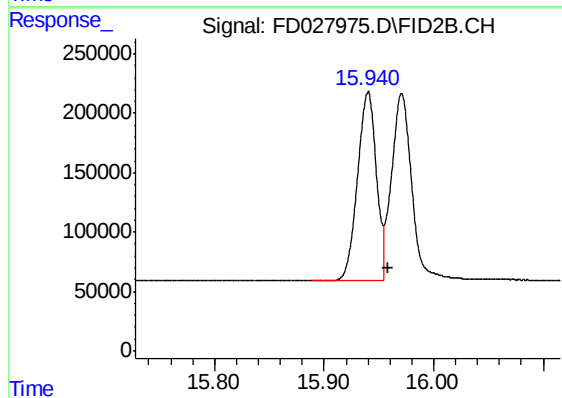
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.399 min
Delta R.T.: -0.017 min
Response: 1874957
Conc: 20.97 ug/ml



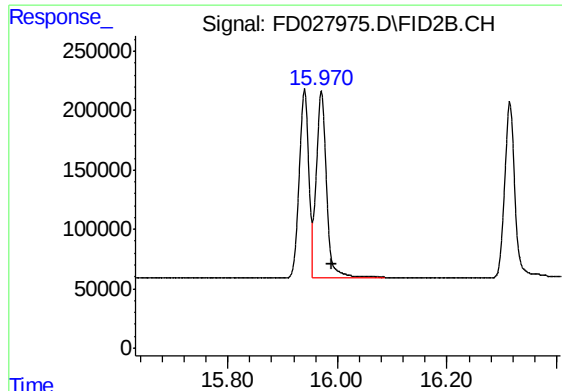
#15 Chrysene (C27.41)

R.T.: 14.440 min
Delta R.T.: -0.018 min
Response: 2012936
Conc: 22.17 ug/ml



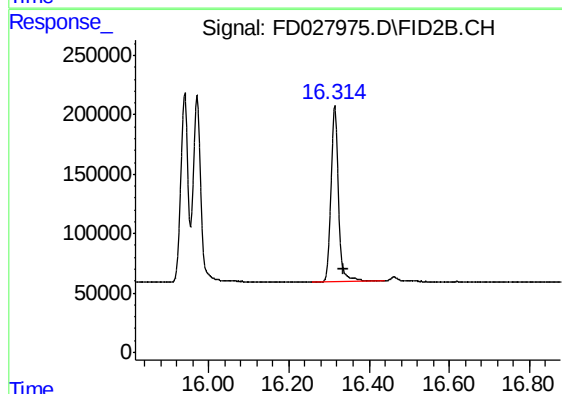
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.940 min
Delta R.T.: -0.018 min
Response: 1906019
Conc: 19.52 ug/ml m



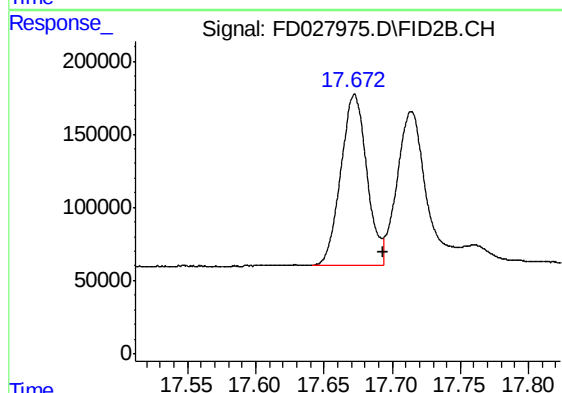
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.971 min
Delta R.T.: -0.019 min
Response: 2040629
Conc: 20.64 ug/ml



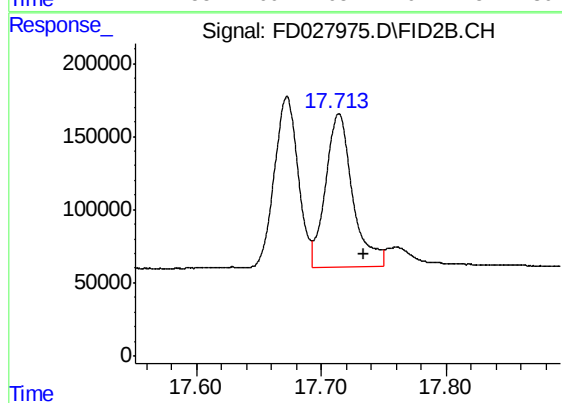
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.314 min
Delta R.T.: -0.020 min
Response: 1913070
Conc: 19.57 ug/ml



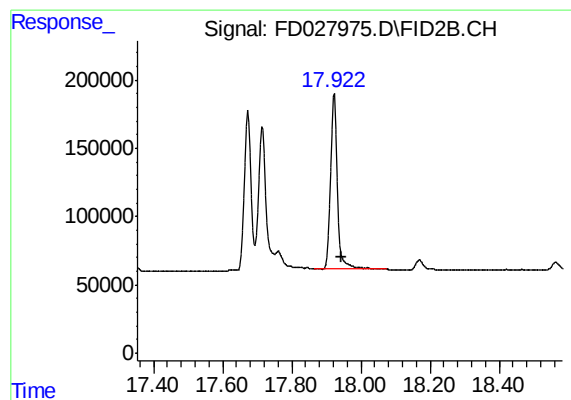
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.672 min
Delta R.T.: -0.021 min
Response: 1556634
Conc: 15.70 ug/ml m



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

R.T.: 17.714 min
Delta R.T.: -0.020 min
Response: 1576705
Conc: 16.03 ug/ml



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

R.T.: 17.922 min
Delta R.T.: -0.021 min
Response: 1757416
Conc: 17.33 ug/ml