

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022719AR\
 Data File : FD027977.D
 Signal(s) : FID2B.CH
 Acq On : 27 Feb 2019 13:10
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:05:00 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	1622757	21.858 ug/ml
Spiked Amount 50.000		Recovery =	43.72%
6) S 2-Fluorobiphenyl (SURR)	8.182	1069280	21.017 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.03%
11) S ortho-Terphenyl (SURR)	11.216	1826442	20.604 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.145	1880624	23.795 ug/ml
2) T Naphthalene (C11.7)	5.671	1926791	22.637 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	1885276	22.347 ug/ml
5) T Acenaphthylene (C15.06)	7.984	1760824	21.030 ug/ml
7) T Acenaphthene (C15.5)	8.278	1870066	21.275 ug/ml
8) T Fluorene (C16.55)	9.056	1767659	20.269 ug/ml
9) T Phenanthrene (C19.36)	10.440	1781383	20.279 ug/ml
10) T Anthracene (C19.43)	10.516	1784691	20.654 ug/ml
12) T Fluoranthene (C21.85)	12.240	1897064	21.190 ug/ml
13) T Pyrene (C20.8)	12.533	1881230	21.200 ug/ml
14) T Benzo[a]anthracene (C...	14.398	1890084	21.138 ug/ml
15) T Chrysene (C27.41)	14.439	2026729	22.318 ug/ml
16) T benzo[b]fluoranthene ...	15.939	1937463	19.838 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.971	2053673	20.770 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.314	1922251	19.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.672	1535426	15.483 ug/mlm
20) T Dibenz[a,h]anthracene...	17.714	1548861	15.746 ug/ml
21) T Benzo[g,h,i]perylene ...	17.922	1775803	17.516 ug/ml

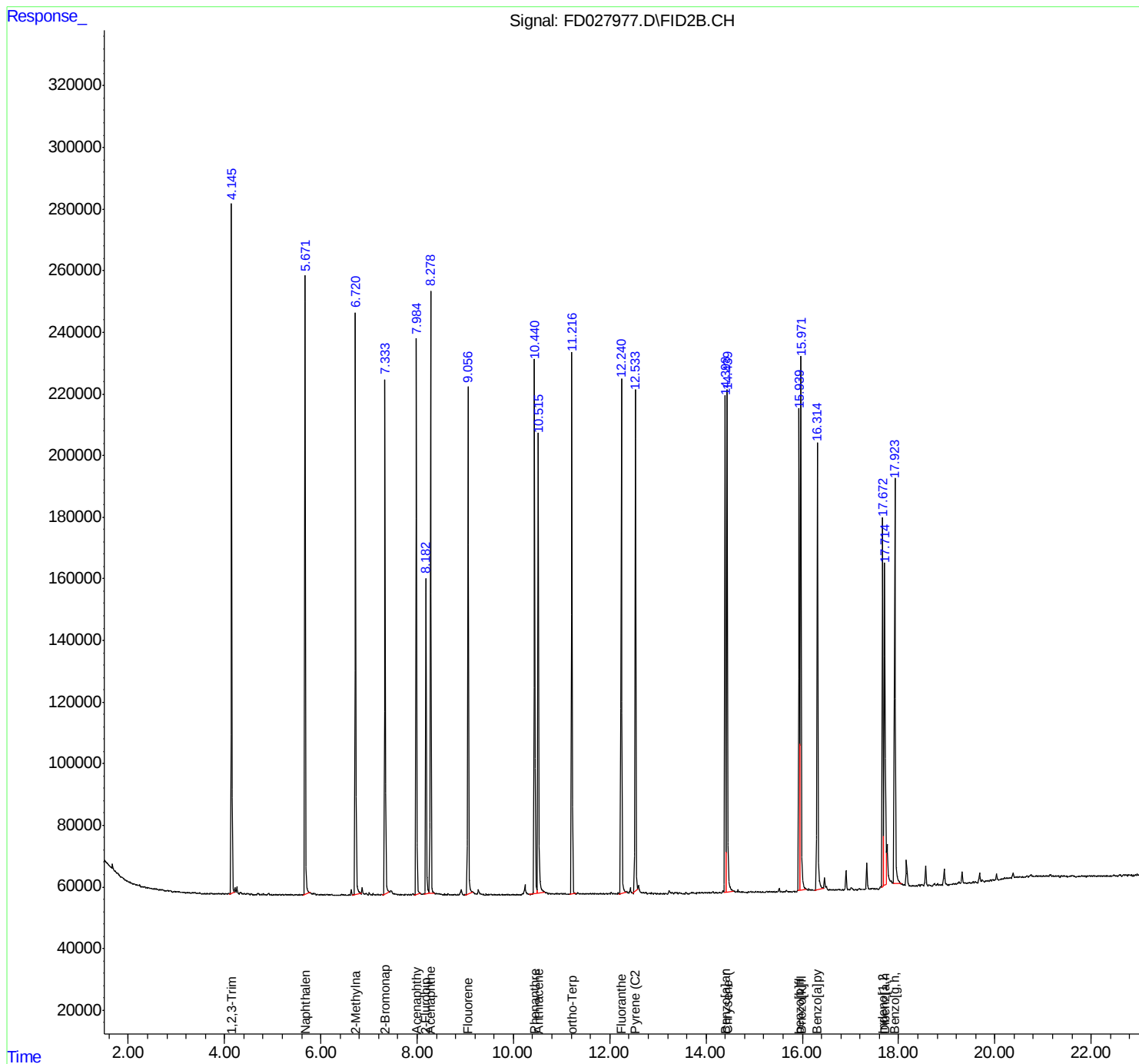
(f)=RT Delta > 1/2 Window

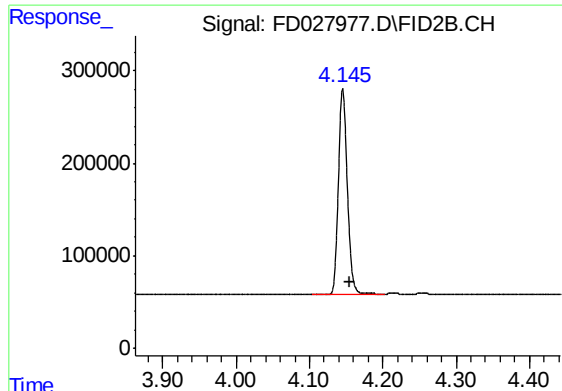
(m)=manual int.

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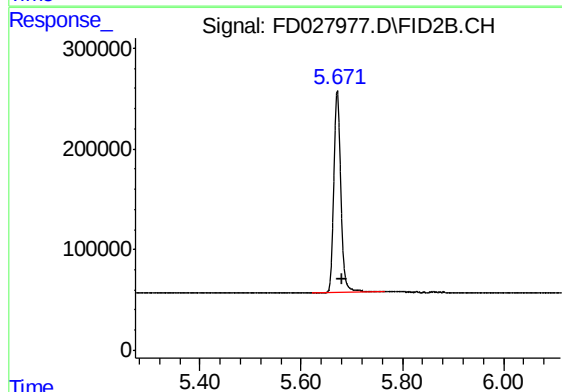
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





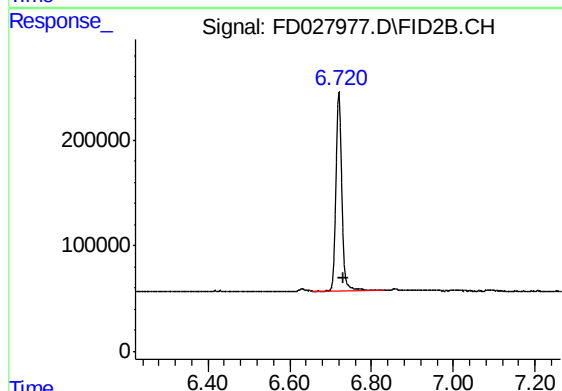
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.145 min
Delta R.T.: -0.010 min
Response: 1880624
Conc: 23.79 ug/ml



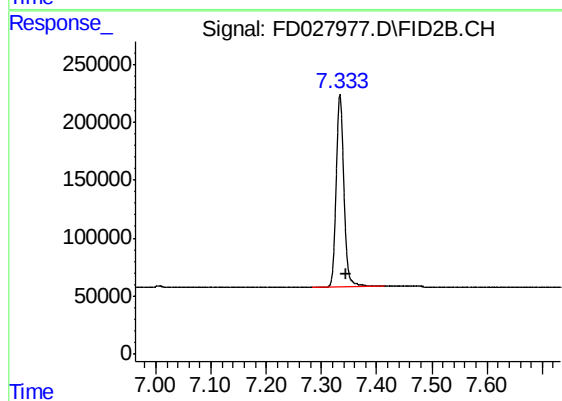
#2 Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.011 min
Response: 1926791
Conc: 22.64 ug/ml



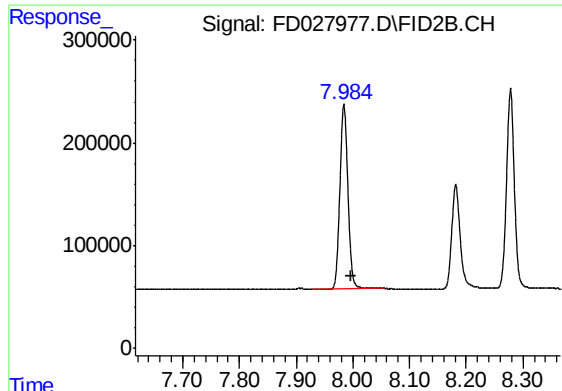
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.011 min
Response: 1885276
Conc: 22.35 ug/ml



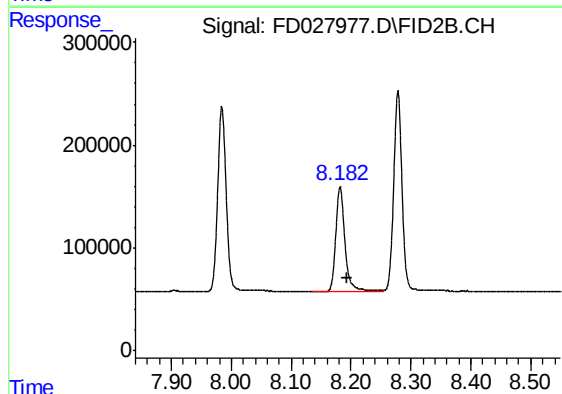
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.011 min
Response: 1622757
Conc: 21.86 ug/ml



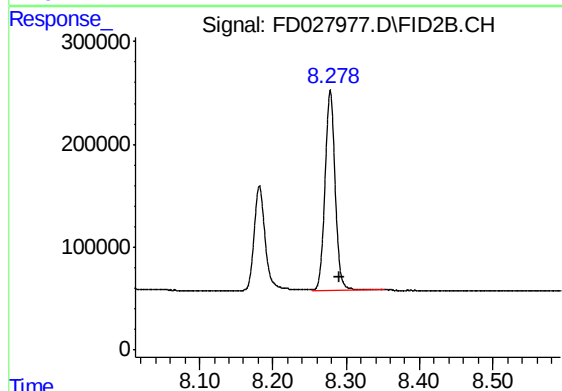
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 1760824
Conc: 21.03 ug/ml



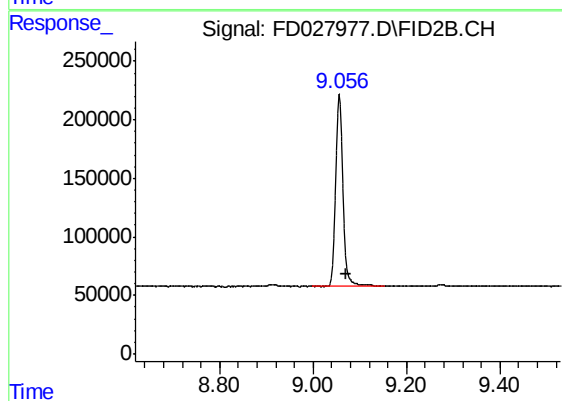
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.012 min
Response: 1069280
Conc: 21.02 ug/ml



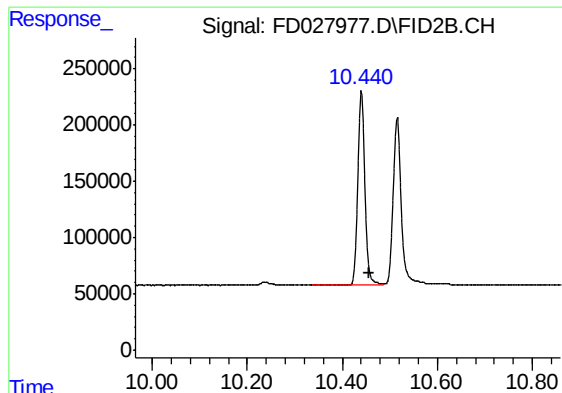
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: -0.013 min
Response: 1870066
Conc: 21.28 ug/ml



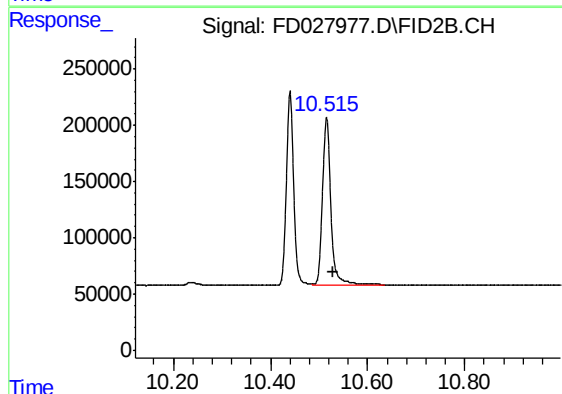
#8 Flouorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.013 min
Response: 1767659
Conc: 20.27 ug/ml



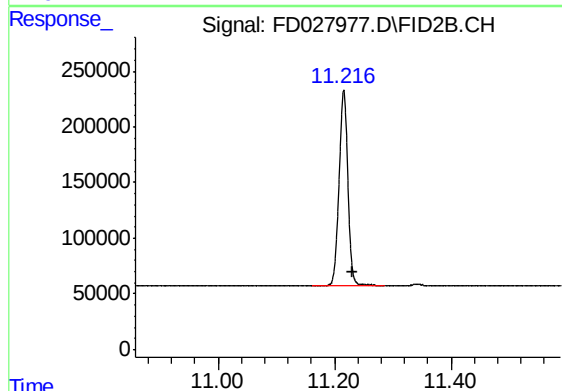
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.015 min
Response: 1781383
Conc: 20.28 ug/ml



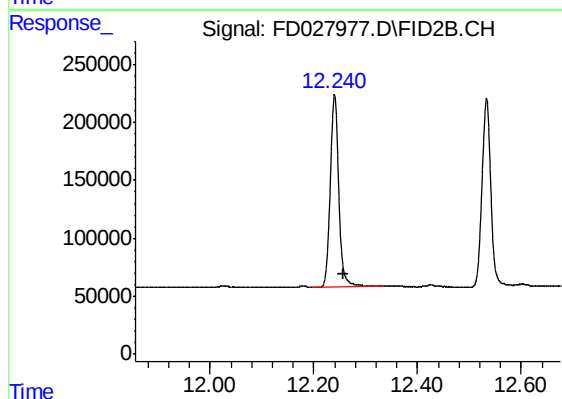
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.014 min
Response: 1784691
Conc: 20.65 ug/ml



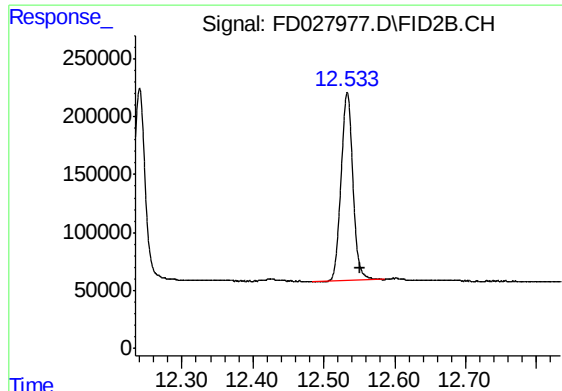
#11 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.015 min
Response: 1826442
Conc: 20.60 ug/ml



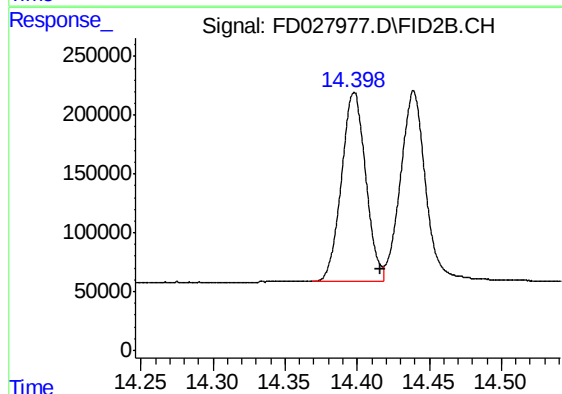
#12 Fluoranthene (C21.85)

R.T.: 12.240 min
Delta R.T.: -0.017 min
Response: 1897064
Conc: 21.19 ug/ml



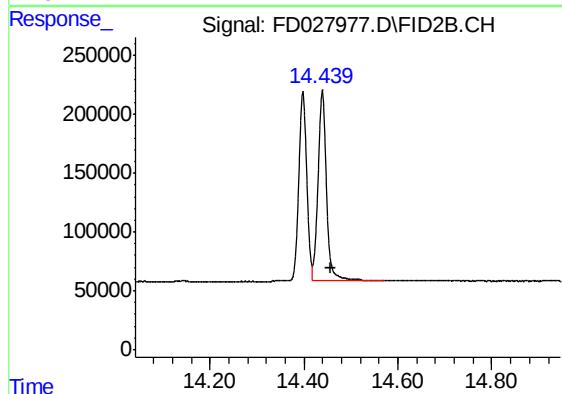
#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: -0.017 min
Response: 1881230
Conc: 21.20 ug/ml



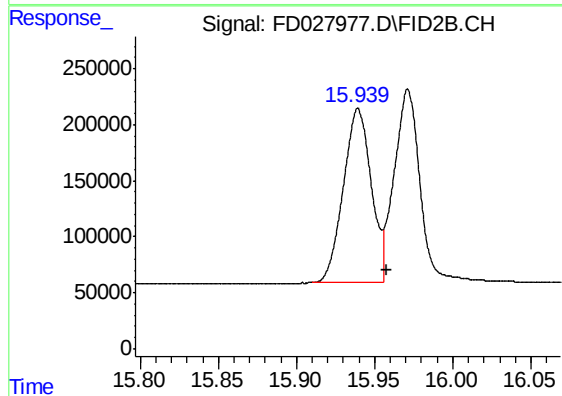
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.398 min
Delta R.T.: -0.018 min
Response: 1890084
Conc: 21.14 ug/ml



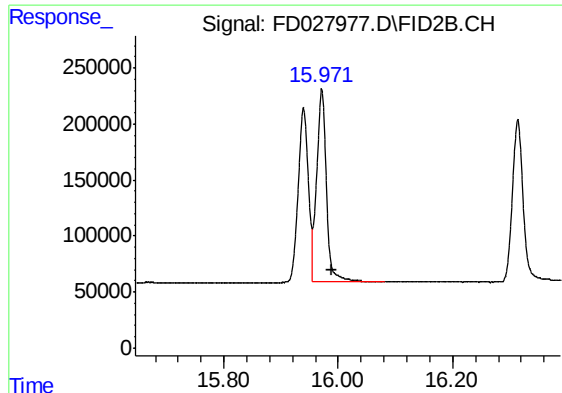
#15 Chrysene (C27.41)

R.T.: 14.439 min
Delta R.T.: -0.018 min
Response: 2026729
Conc: 22.32 ug/ml



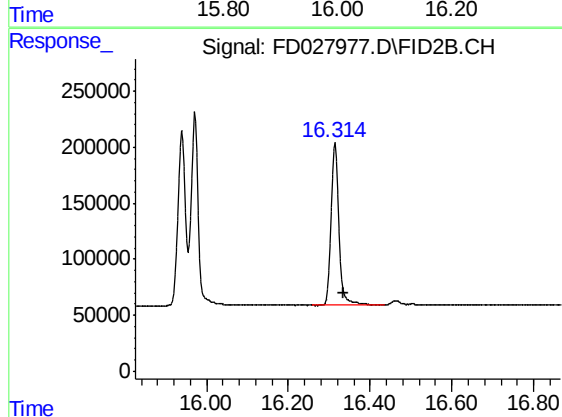
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.939 min
Delta R.T.: -0.019 min
Response: 1937463
Conc: 19.84 ug/ml m



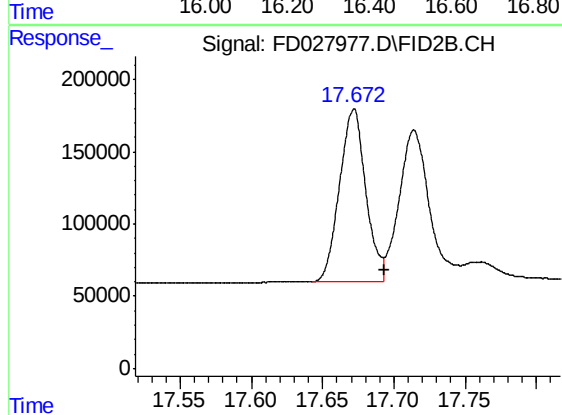
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.971 min
Delta R.T.: -0.018 min
Response: 2053673
Conc: 20.77 ug/ml



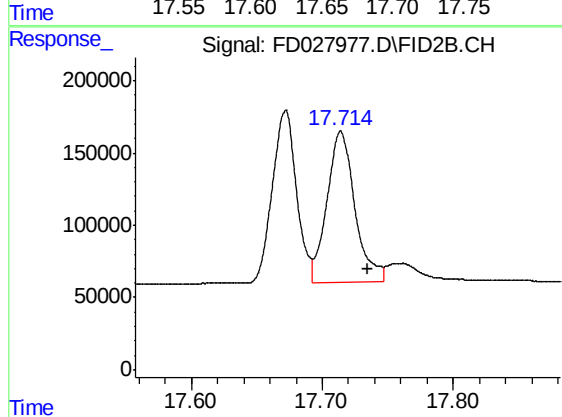
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.314 min
Delta R.T.: -0.020 min
Response: 1922251
Conc: 19.66 ug/ml



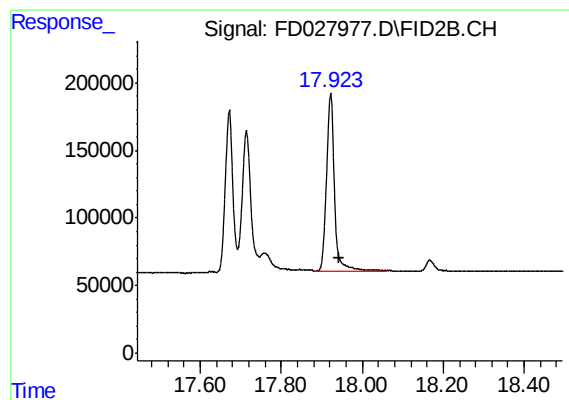
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.672 min
Delta R.T.: -0.021 min
Response: 1535426
Conc: 15.48 ug/ml m



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

R.T.: 17.714 min
Delta R.T.: -0.020 min
Response: 1548861
Conc: 15.75 ug/ml



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

R.T.: 17.922 min
Delta R.T.: -0.021 min
Response: 1775803
Conc: 17.52 ug/ml