

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010620AR\
 Data File : FD031957.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2020 2:08
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 07 03:34:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 03:32:41 2020
 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...	7.635	527083	4.471 ug/ml
Spiked Amount 50.000		Recovery =	8.94%
6) S 2-Fluorobiphenyl (SURR)	8.496	361550	4.410 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.82%
11) S ortho-Terphenyl (SURR)	11.531	600353	4.610 ug/ml
Spiked Amount 50.000		Recovery =	9.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	535933	4.530 ug/ml
2) T Naphthalene (C11.7)	5.977	570331	4.468 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	575965	4.486 ug/ml
5) T Acenaphthylene (C15.06)	8.299	564076	4.488 ug/ml
7) T Acenaphthene (C15.5)	8.593	572539	4.394 ug/ml
8) T Fluorene (C16.55)	9.373	595625	4.553 ug/ml
9) T Phenanthrene (C19.36)	10.765	603082	4.545 ug/ml
10) T Anthracene (C19.43)	10.839	610857	4.671 ug/ml
12) T Fluoranthene (C21.85)	12.572	630288	4.701 ug/ml
13) T Pyrene (C20.8)	12.869	600043	4.506 ug/ml
14) T Benzo[a]anthracene (C...	14.735	594754	4.623 ug/ml
15) T Chrysene (C27.41)	14.777	611592	4.741 ug/ml
16) T benzo[b]fluoranthene ...	16.281	588404	4.626 ug/ml
17) T Bnezo[k]fluoranthene ...	16.312	609976	4.822 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	590992	4.709 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	547123	4.538 ug/ml
20) T Dibenz[a,h]anthracene...	18.060	608315	4.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	558353	4.666 ug/ml

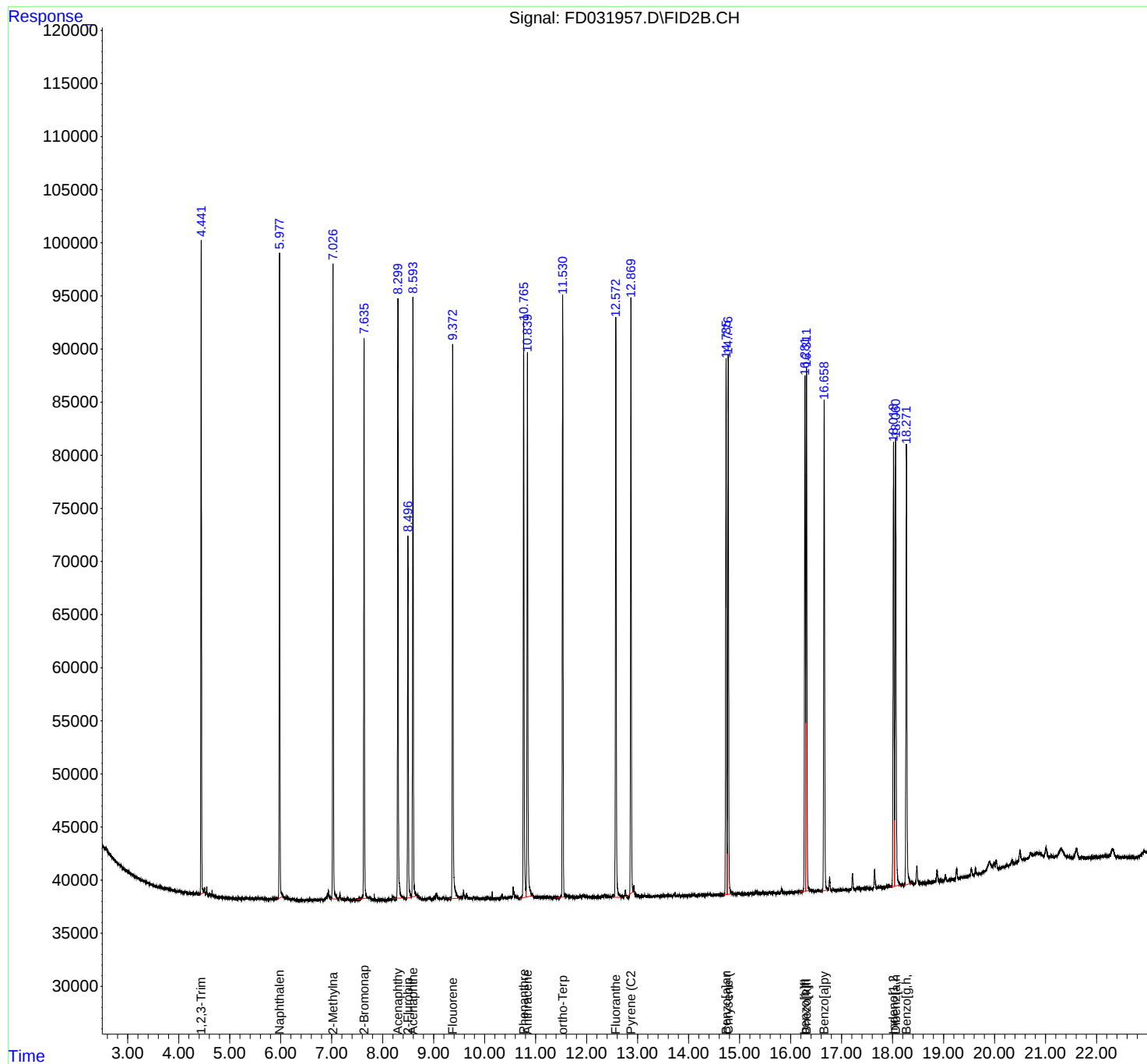
(f)=RT Delta > 1/2 Window

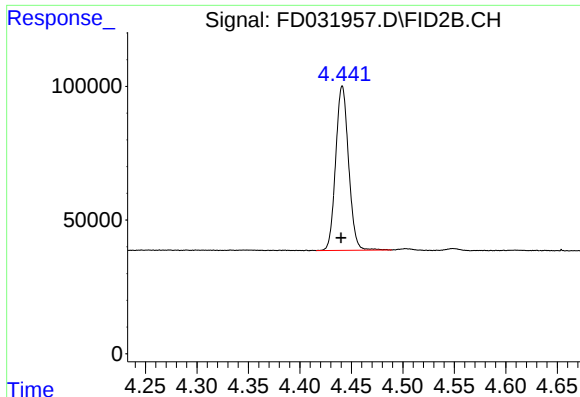
(m)=manual int.

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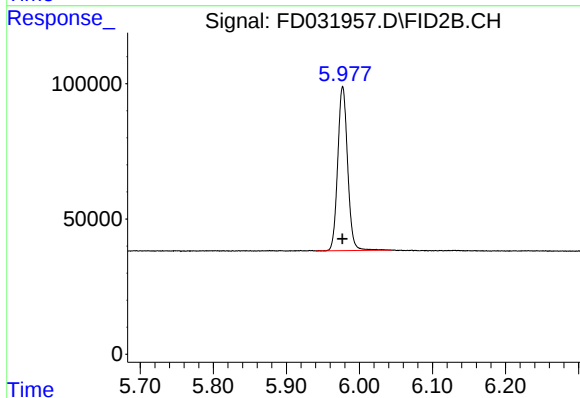
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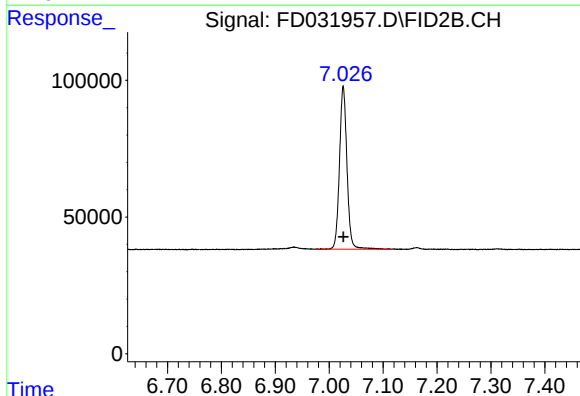
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.441 min
Delta R.T.: 0.001 min
Response: 535933
Conc: 4.53 ug/ml



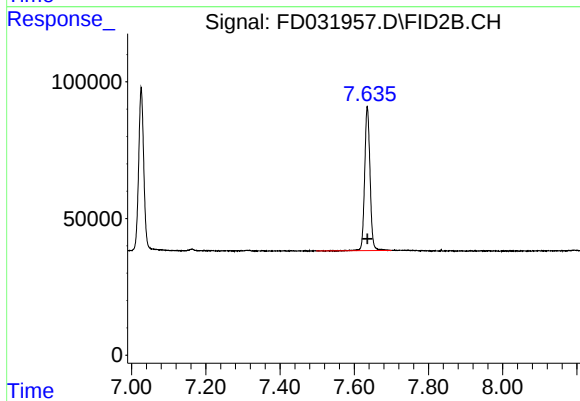
#2 Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 570331
Conc: 4.47 ug/ml



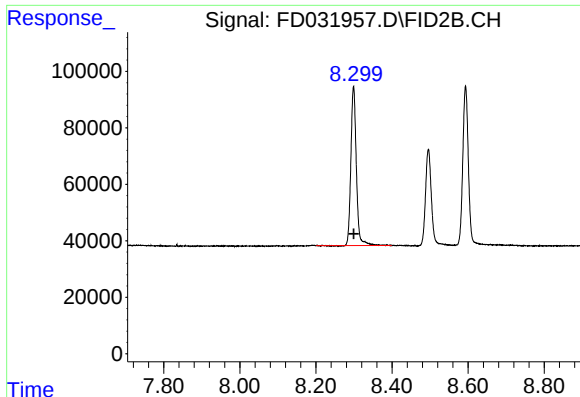
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 575965
Conc: 4.49 ug/ml



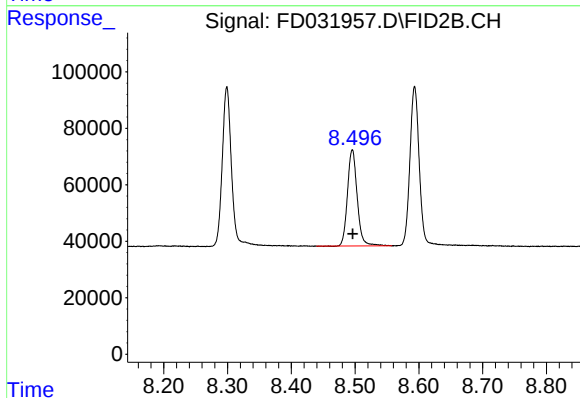
#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 527083
Conc: 4.47 ug/ml



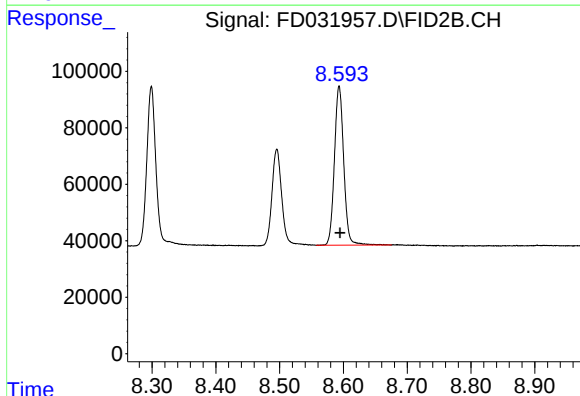
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 564076
Conc: 4.49 ug/ml



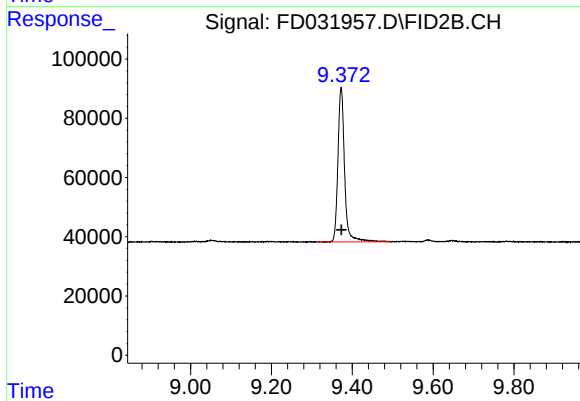
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 361550
Conc: 4.41 ug/ml



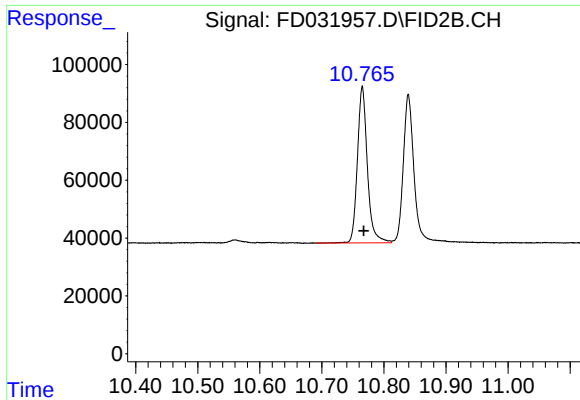
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: -0.002 min
Response: 572539
Conc: 4.39 ug/ml



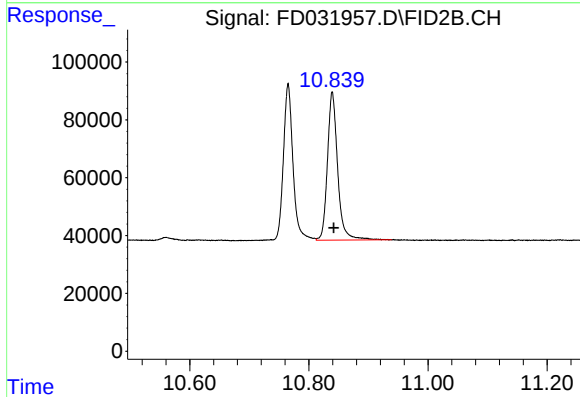
#8 Flouorene (C16.55)

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 595625
Conc: 4.55 ug/ml



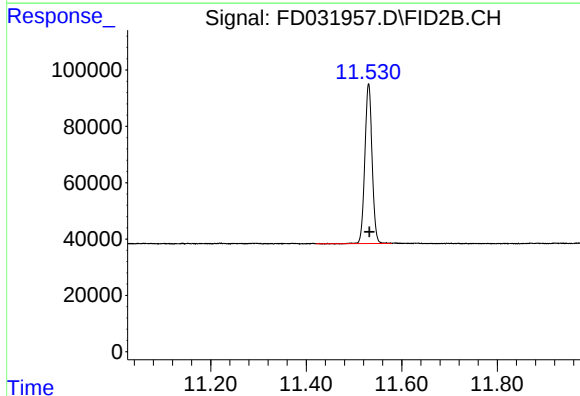
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.002 min
Response: 603082
Conc: 4.54 ug/ml



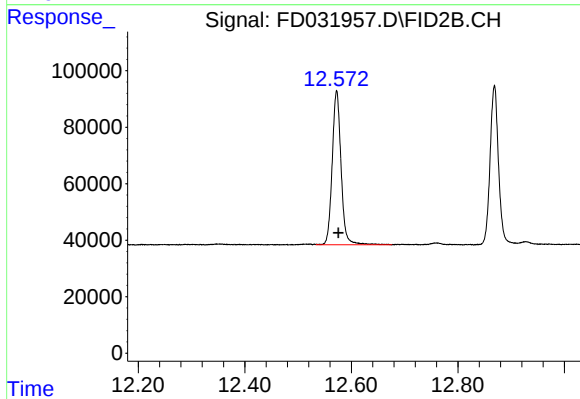
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.002 min
Response: 610857
Conc: 4.67 ug/ml



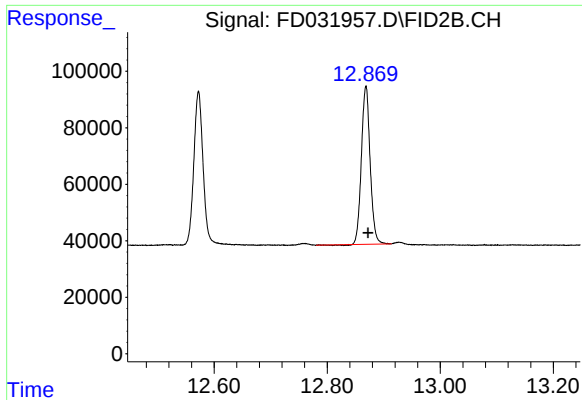
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.002 min
Response: 600353
Conc: 4.61 ug/ml



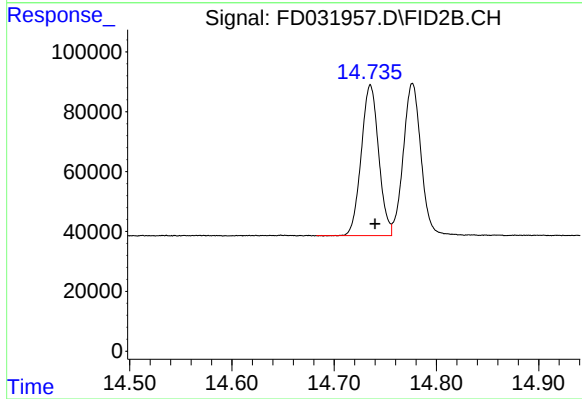
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: -0.004 min
Response: 630288
Conc: 4.70 ug/ml



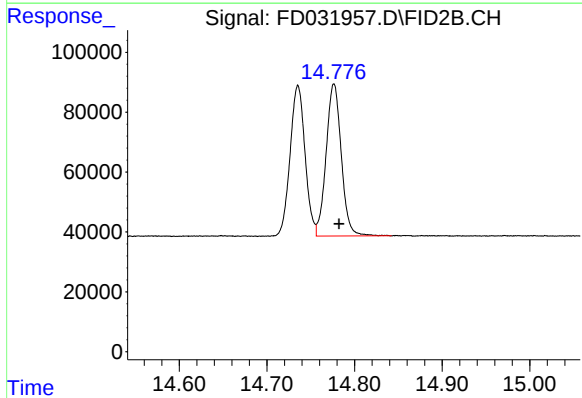
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: -0.004 min
Response: 600043
Conc: 4.51 ug/ml



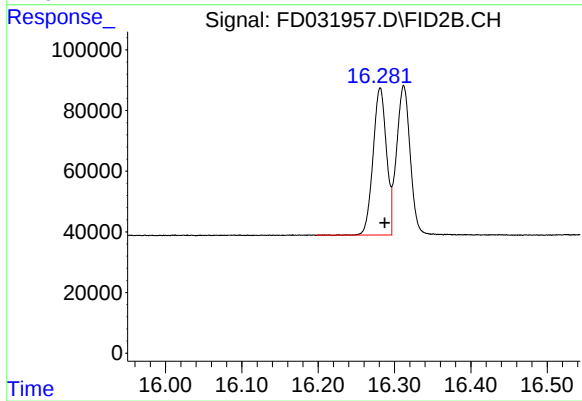
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 594754
Conc: 4.62 ug/ml



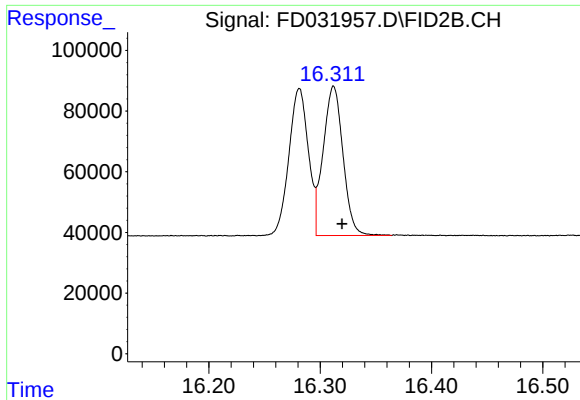
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.006 min
Response: 611592
Conc: 4.74 ug/ml



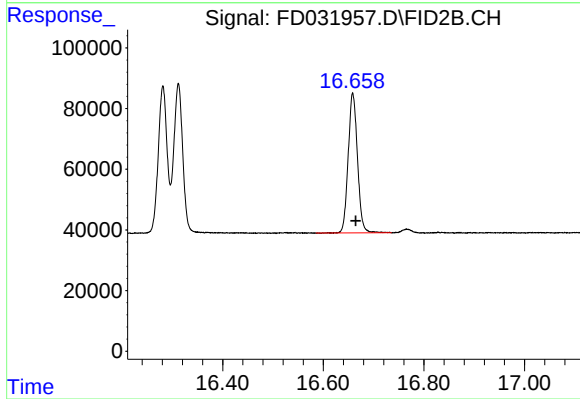
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.281 min
Delta R.T.: -0.006 min
Response: 588404
Conc: 4.63 ug/ml



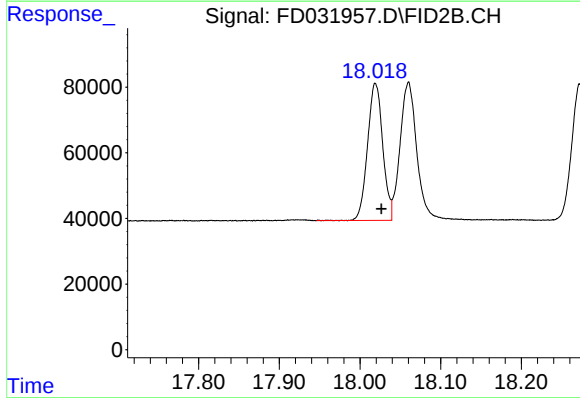
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.312 min
Delta R.T.: -0.008 min
Response: 609976
Conc: 4.82 ug/ml



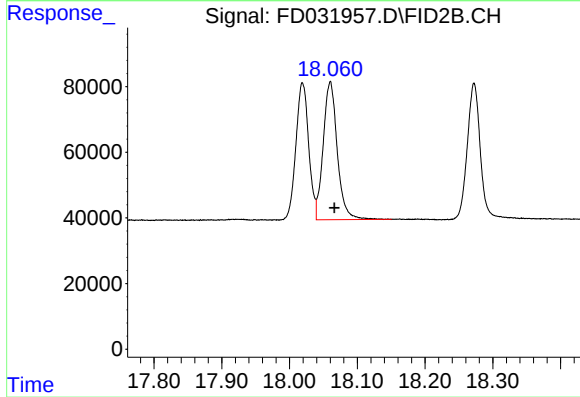
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: -0.006 min
Response: 590992
Conc: 4.71 ug/ml



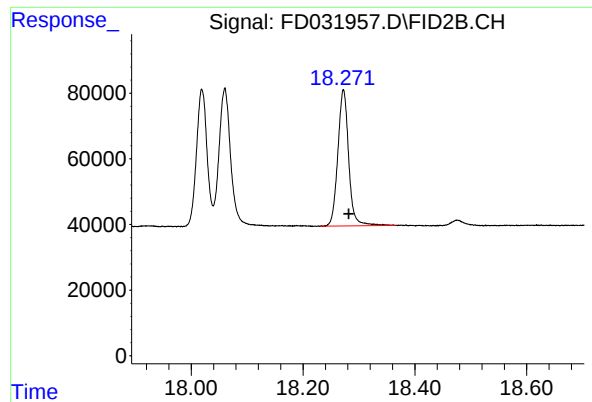
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: -0.007 min
Response: 547123
Conc: 4.54 ug/ml



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

R.T.: 18.060 min
Delta R.T.: -0.006 min
Response: 608315
Conc: 4.96 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.009 min
Response: 558353
Conc: 4.67 ug/ml