

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062921AR\
 Data File : FD038027.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jun 2021 14:45
 Operator : DD\AJ
 Sample : PB137377BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 04:38:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 2021
 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...	7.529	5341896	38.140 ug/ml
Spiked Amount 50.000		Recovery =	76.28%
6) S 2-Fluorobiphenyl (SURR)	8.390	3485790	36.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.62%
11) S ortho-Terphenyl (SURR)	11.427	5639972	35.220 ug/ml
Spiked Amount 50.000		Recovery =	70.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.332	5955301	40.717 ug/ml
2) T Naphthalene (C11.7)	5.867	6121600	39.533 ug/ml
3) T 2-Methylnaphthalene (...)	6.919	6023658	38.533 ug/ml
5) T Acenaphthylene (C15.06)	8.192	5625534	36.881 ug/ml
7) T Acenaphthene (C15.5)	8.489	5845309	37.074 ug/ml
8) T Flouorene (C16.55)	9.268	5512654	36.099 ug/ml
9) T Phenanthrene (C19.36)	10.662	5238480	34.318 ug/ml
10) T Anthracene (C19.43)	10.737	4781567	32.191 ug/ml
12) T Fluoranthene (C21.85)	12.472	4917964	32.634 ug/ml
13) T Pyrene (C20.8)	12.768	4735858	32.089 ug/ml
14) T Benzo[a]anthracene (C...	14.637	4421627	32.934 ug/ml
15) T Chrysene (C27.41)	14.682	4586720	32.662 ug/ml
16) T benzo[b]fluoranthene ...	16.188	4594357	35.498 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	4509236	35.398 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	4261262	36.570 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.937	4481440	40.404 ug/ml
20) T Dibenz[a,h]anthracene...	17.973	4603330	40.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.193	4578641	41.508 ug/ml

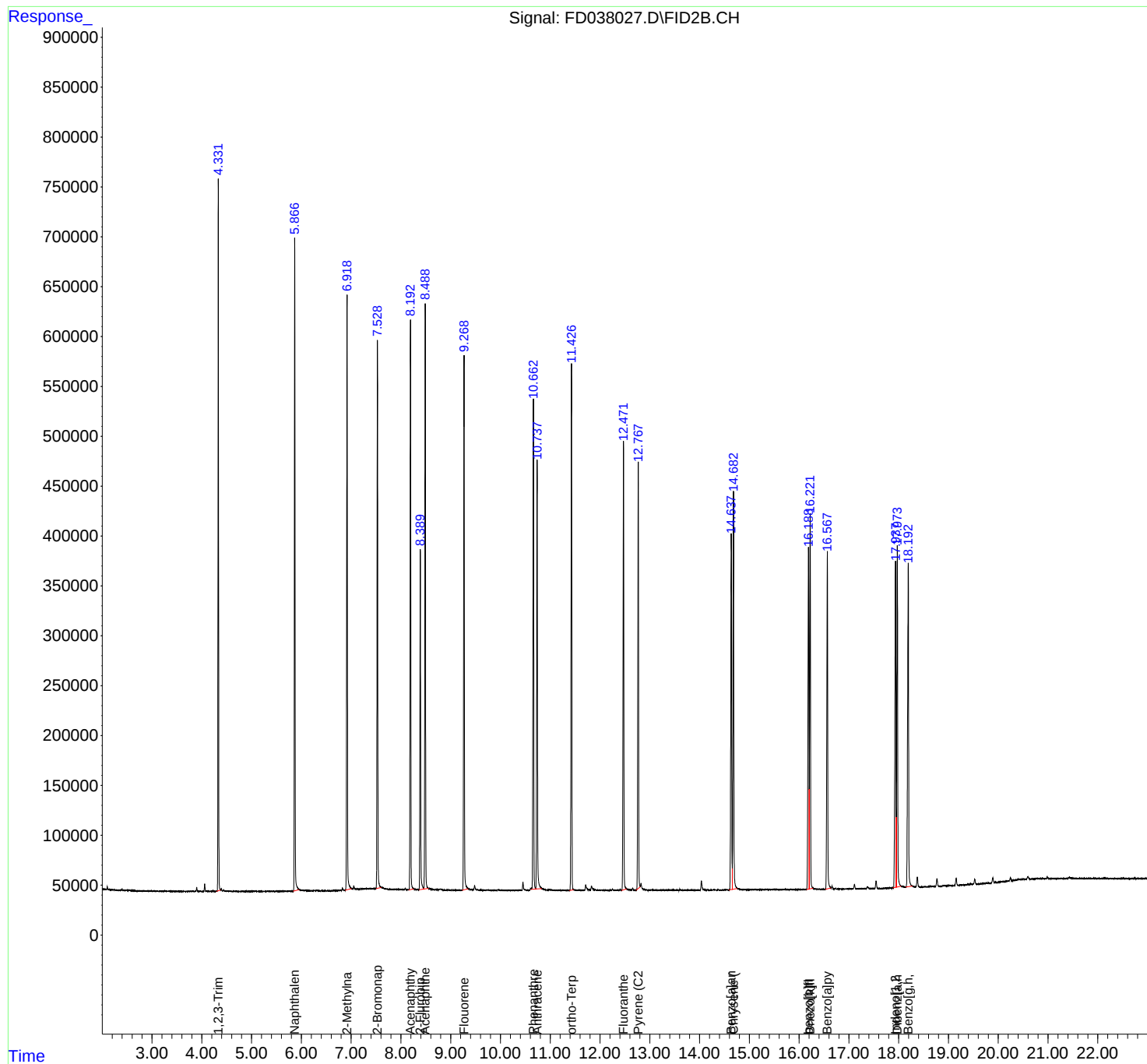
(f)=RT Delta > 1/2 Window

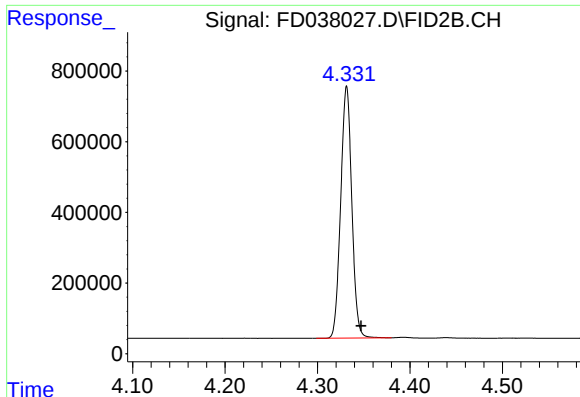
(m)=manual int.

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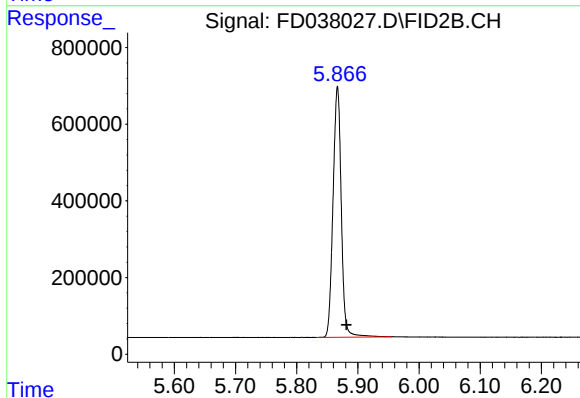
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





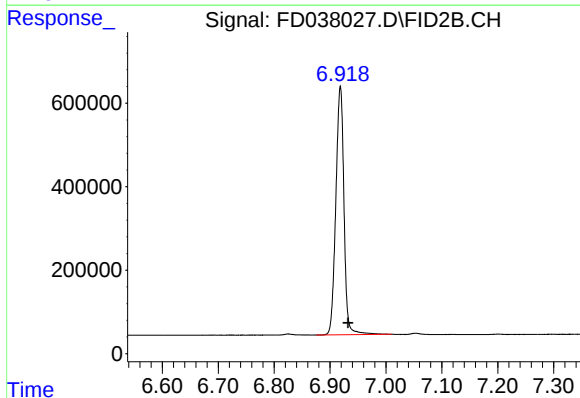
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.332 min
Delta R.T.: -0.015 min
Response: 5955301
Conc: 40.72 ug/ml



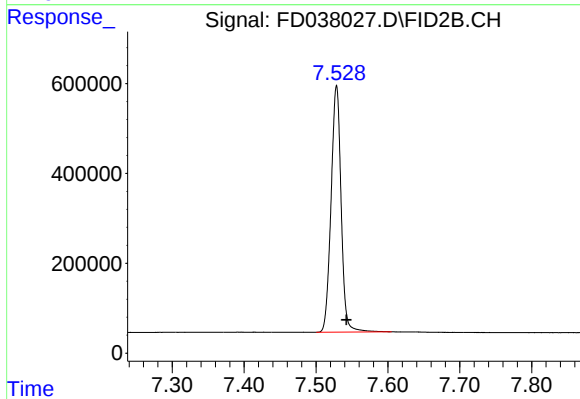
#2 Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: -0.015 min
Response: 6121600
Conc: 39.53 ug/ml



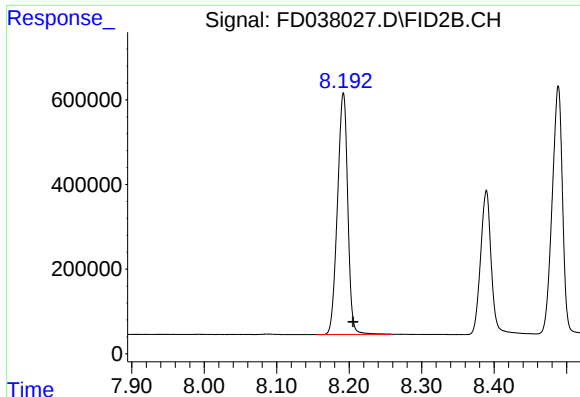
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.919 min
Delta R.T.: -0.014 min
Response: 6023658
Conc: 38.53 ug/ml



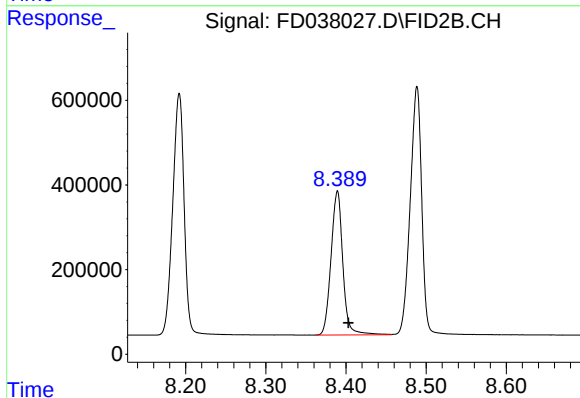
#4 2-Bromonaphthalene (SURR)

R.T.: 7.529 min
Delta R.T.: -0.014 min
Response: 5341896
Conc: 38.14 ug/ml



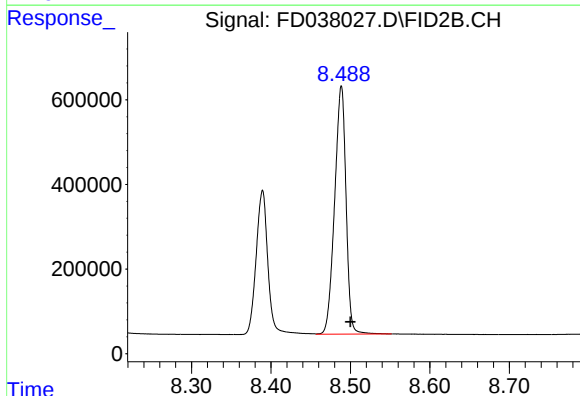
#5 Acenaphthylene (C15.06)

R.T.: 8.192 min
Delta R.T.: -0.014 min
Response: 5625534
Conc: 36.88 ug/ml



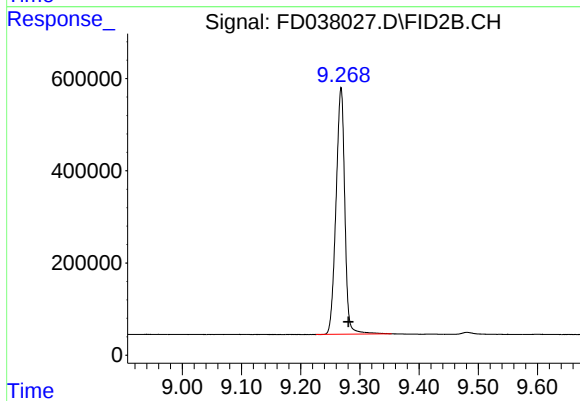
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.390 min
Delta R.T.: -0.014 min
Response: 3485790
Conc: 36.81 ug/ml



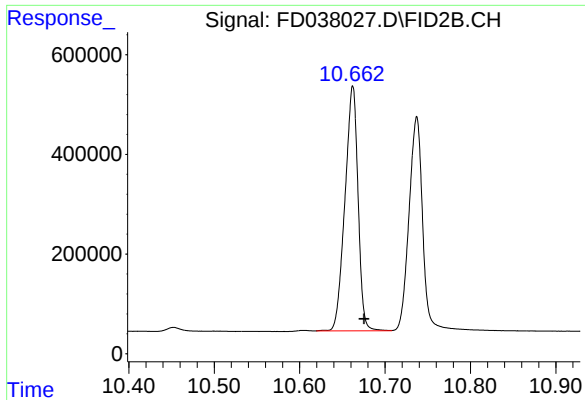
#7 Acenaphthene (C15.5)

R.T.: 8.489 min
Delta R.T.: -0.011 min
Response: 5845309
Conc: 37.07 ug/ml



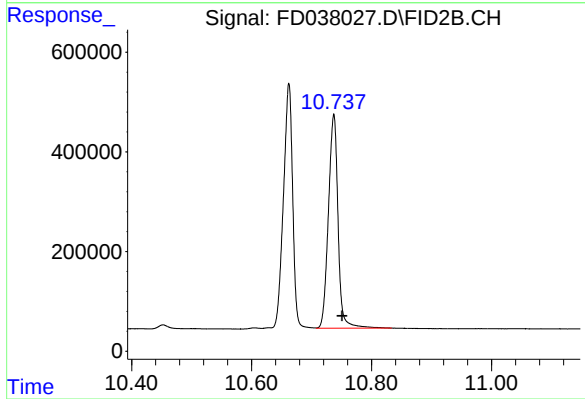
#8 Fluorene (C16.55)

R.T.: 9.268 min
Delta R.T.: -0.012 min
Response: 5512654
Conc: 36.10 ug/ml



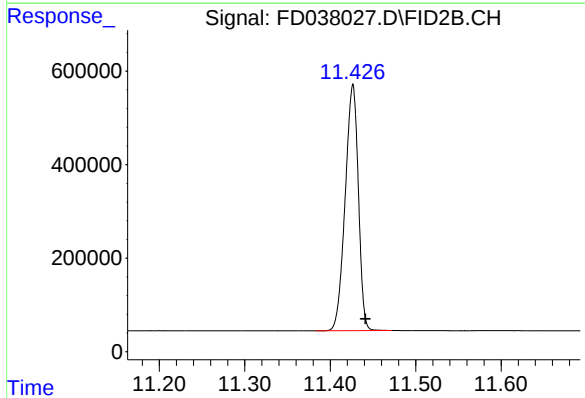
#9 Phenanthrene (C19.36)

R.T.: 10.662 min
Delta R.T.: -0.013 min
Response: 5238480
Conc: 34.32 ug/ml



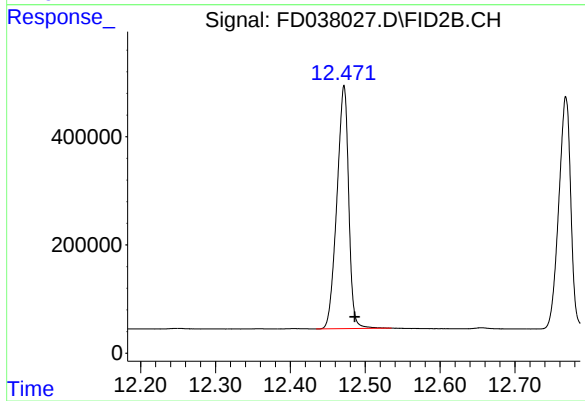
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: -0.013 min
Response: 4781567
Conc: 32.19 ug/ml



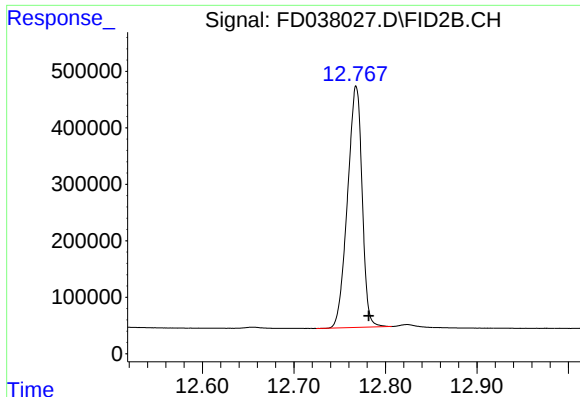
#11 ortho-Terphenyl (SURR)

R.T.: 11.427 min
Delta R.T.: -0.015 min
Response: 5639972
Conc: 35.22 ug/ml



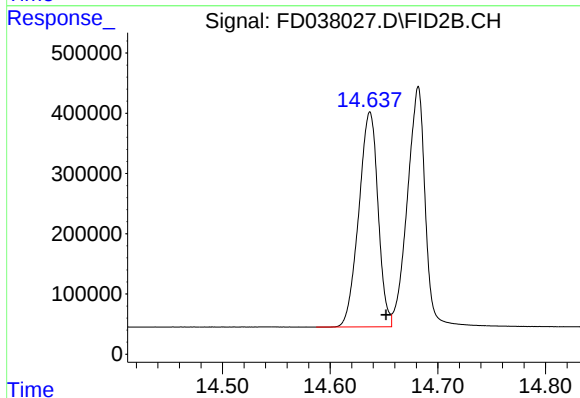
#12 Fluoranthene (C21.85)

R.T.: 12.472 min
Delta R.T.: -0.014 min
Response: 4917964
Conc: 32.63 ug/ml



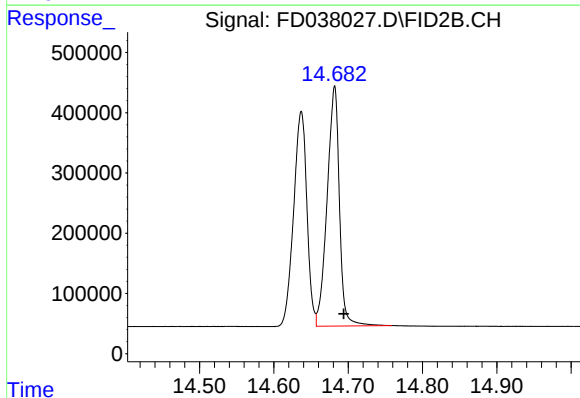
#13 Pyrene (C20.8)

R.T.: 12.768 min
Delta R.T.: -0.014 min
Response: 4735858
Conc: 32.09 ug/ml



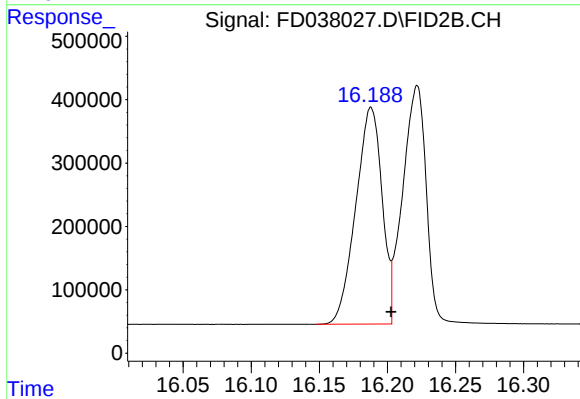
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.015 min
Response: 4421627
Conc: 32.93 ug/ml



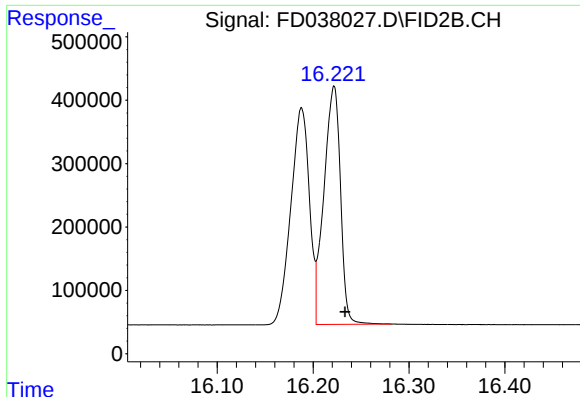
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: -0.012 min
Response: 4586720
Conc: 32.66 ug/ml



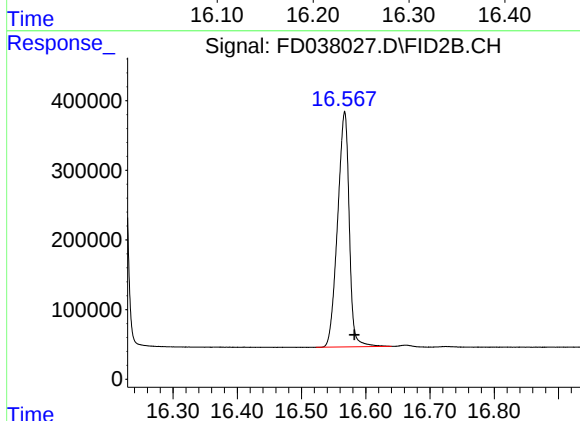
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.188 min
Delta R.T.: -0.015 min
Response: 4594357
Conc: 35.50 ug/ml



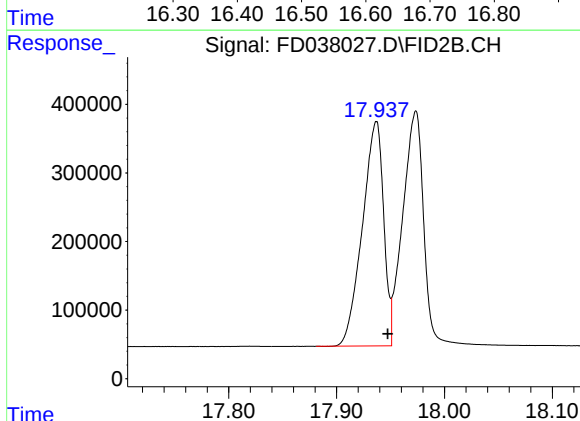
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.011 min
Response: 4509236
Conc: 35.40 ug/ml



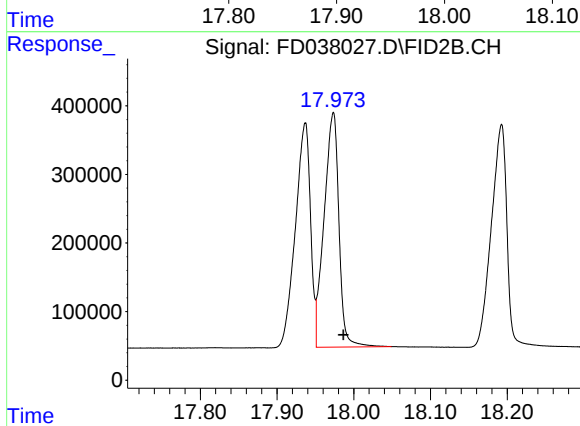
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.015 min
Response: 4261262
Conc: 36.57 ug/ml



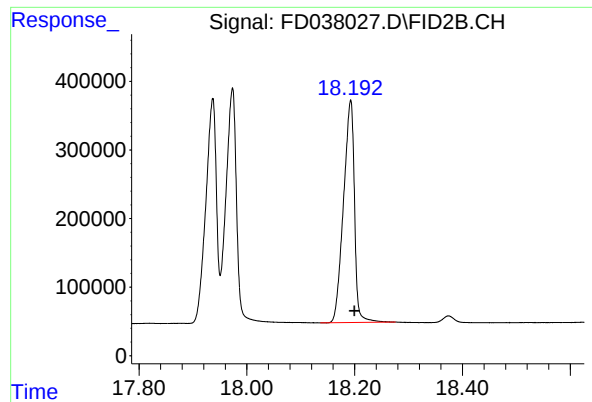
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min
Delta R.T.: -0.011 min
Response: 4481440
Conc: 40.40 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.013 min
Response: 4603330
Conc: 40.67 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.007 min
Response: 4578641
Conc: 41.51 ug/ml