

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020719AR\
 Data File : FD027622.D
 Signal(s) : FID2B.CH
 Acq On : 07 Feb 2019 17:56
 Operator : AJ\SJ
 Sample : K1389-01MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 08:00:33 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...	7.345	3880664	52.272 ug/ml
Spiked Amount 50.000		Recovery =	104.54%
6) S 2-Fluorobiphenyl (SURR)	8.194	1738237	34.165 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	68.33%
11) S ortho-Terphenyl (SURR)	11.233	2643669	29.823 ug/ml
Spiked Amount 50.000		Recovery =	59.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	1129537	14.292 ug/ml
2) T Naphthalene (C11.7)	5.680	1814759	21.321 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	2159164	25.593 ug/ml
5) T Acenaphthylene (C15.06)	7.998	2546896	30.418 ug/ml
7) T Acenaphthene (C15.5)	8.293	2536926	28.862 ug/ml
8) T Fluorene (C16.55)	9.070	2684342	30.781 ug/ml
9) T Phenanthrene (C19.36)	10.458	2793320	31.799 ug/ml
10) T Anthracene (C19.43)	10.532	2766225	32.013 ug/ml
12) T Fluoranthene (C21.85)	12.261	3353016	37.453 ug/ml
13) T Pyrene (C20.8)	12.555	2904344	32.730 ug/ml
14) T Benzo[a]anthracene (C...	14.422	2852506	31.902 ug/ml
15) T Chrysene (C27.41)	14.464	2899083	31.924 ug/ml
16) T benzo[b]fluoranthene ...	15.968	2982218	30.535 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	2853595	28.860 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.342	2767289	28.302 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.707	2967982	29.929 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	2815086	28.620 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	2908962	28.694 ug/ml

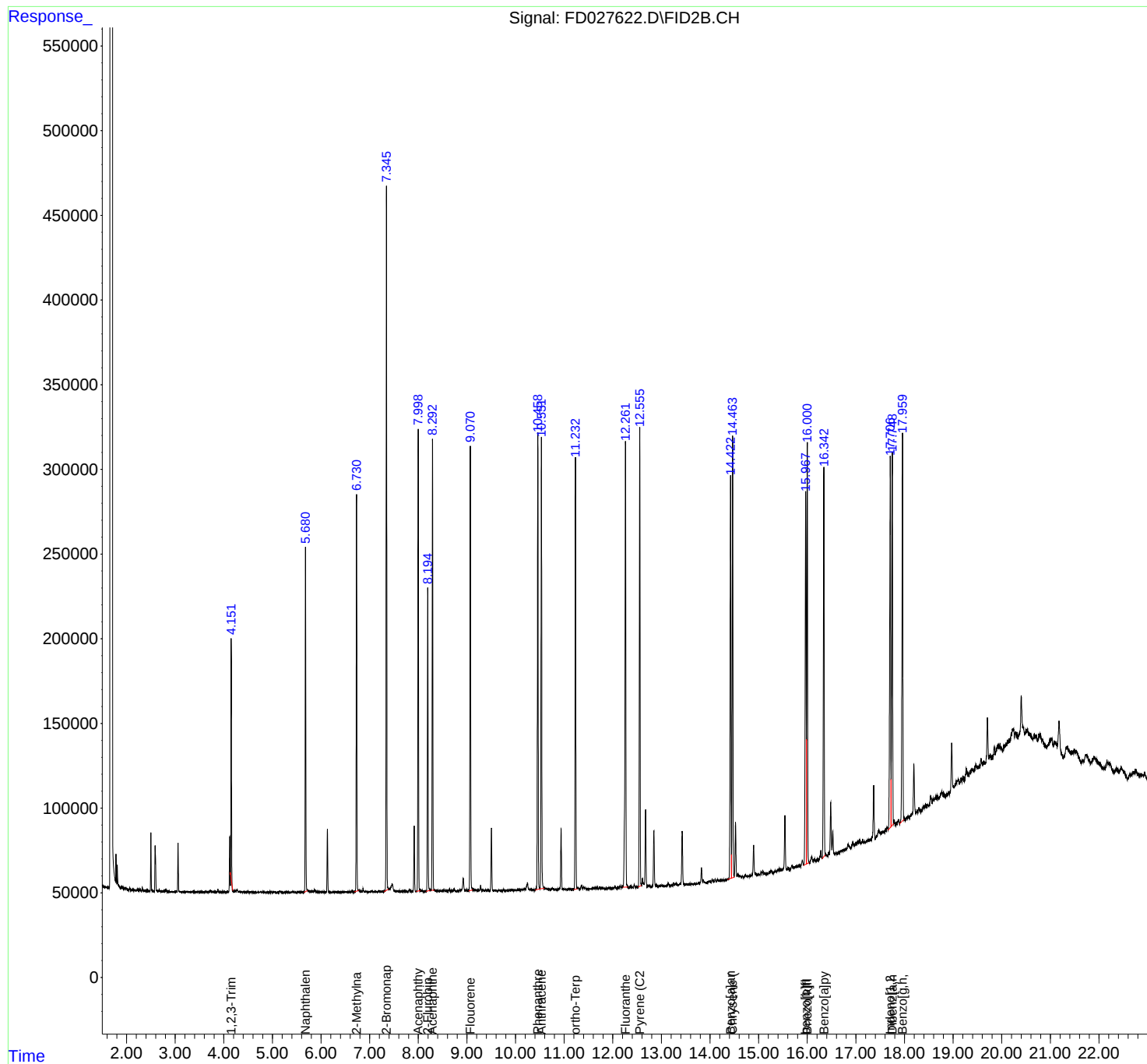
(f)=RT Delta > 1/2 Window

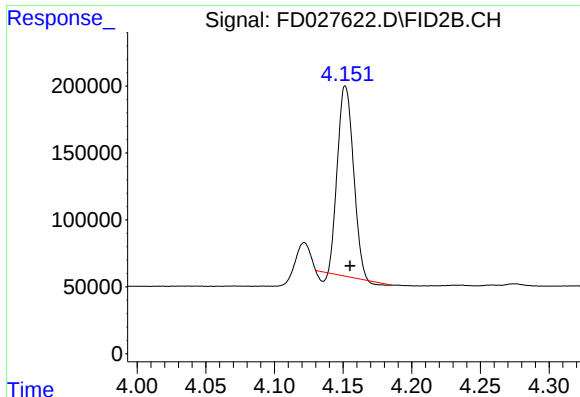
(m)=manual int.

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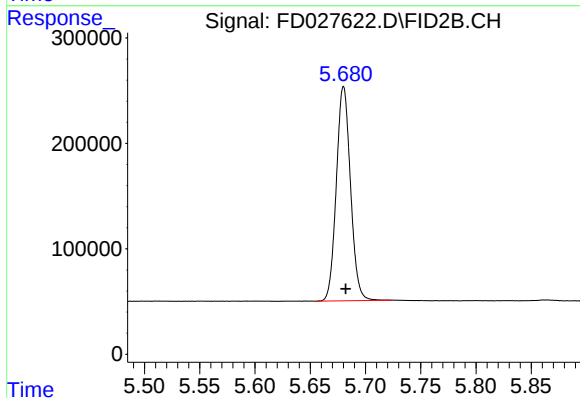
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Signal Info : 20M x 0.18mm x 0.18µm





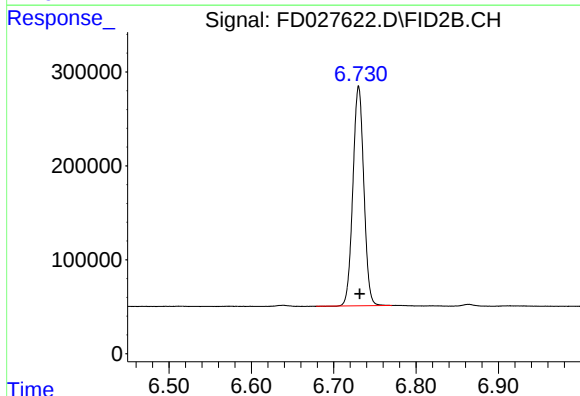
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.003 min
Response: 1129537
Conc: 14.29 ug/ml



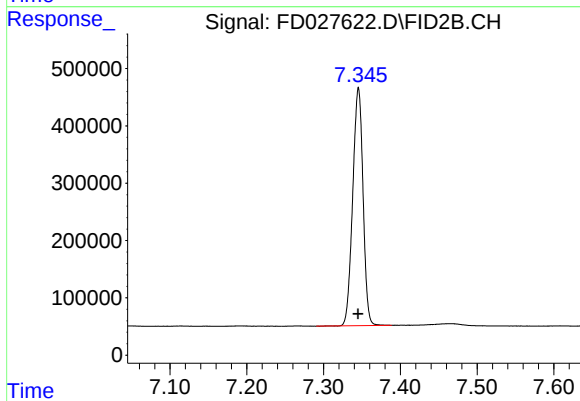
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 1814759
Conc: 21.32 ug/ml



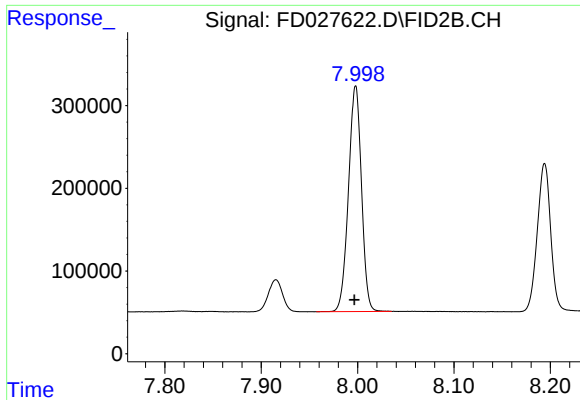
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 2159164
Conc: 25.59 ug/ml



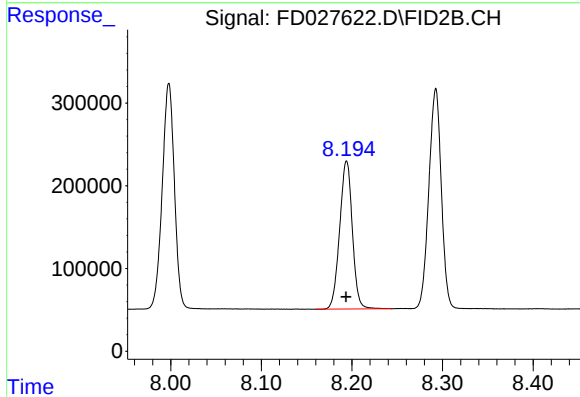
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 3880664
Conc: 52.27 ug/ml



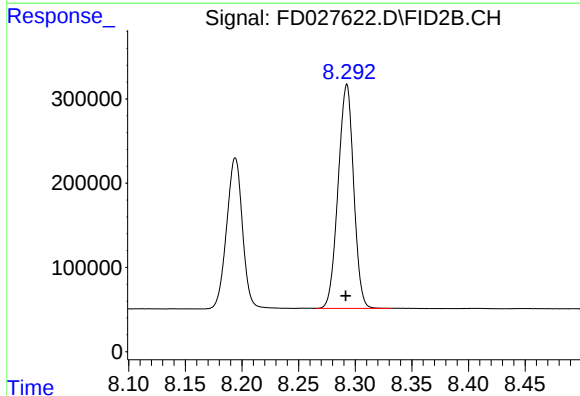
#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: 0.001 min
Response: 2546896
Conc: 30.42 ug/ml



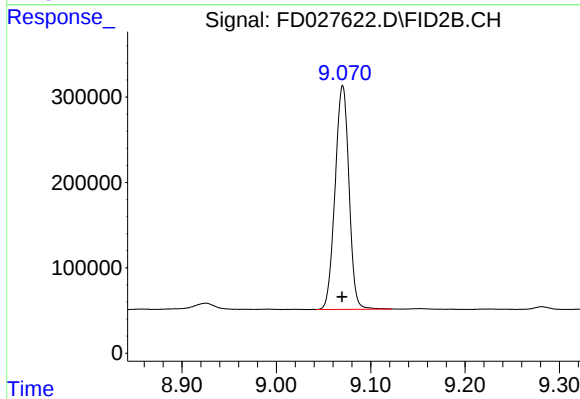
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 1738237
Conc: 34.16 ug/ml



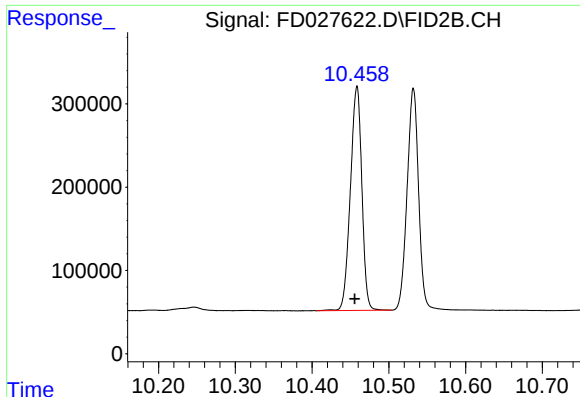
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 2536926
Conc: 28.86 ug/ml



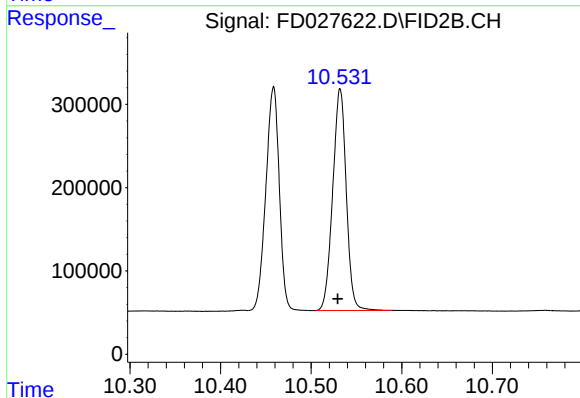
#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 2684342
Conc: 30.78 ug/ml



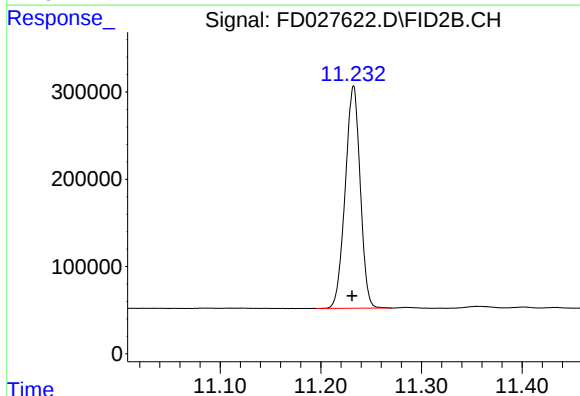
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: 0.003 min
Response: 2793320
Conc: 31.80 ug/ml



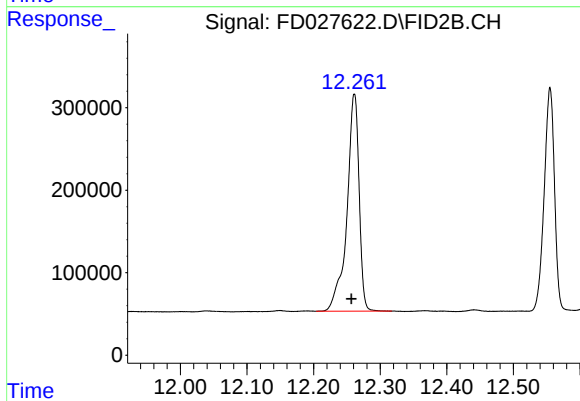
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: 0.003 min
Response: 2766225
Conc: 32.01 ug/ml



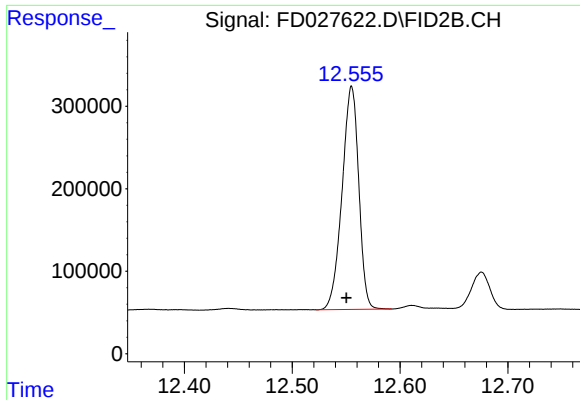
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.002 min
Response: 2643669
Conc: 29.82 ug/ml



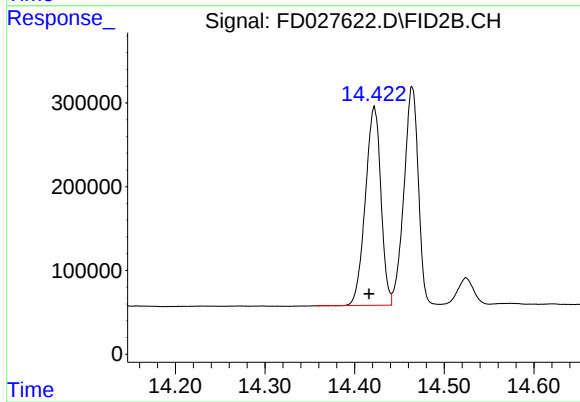
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: 0.004 min
Response: 3353016
Conc: 37.45 ug/ml



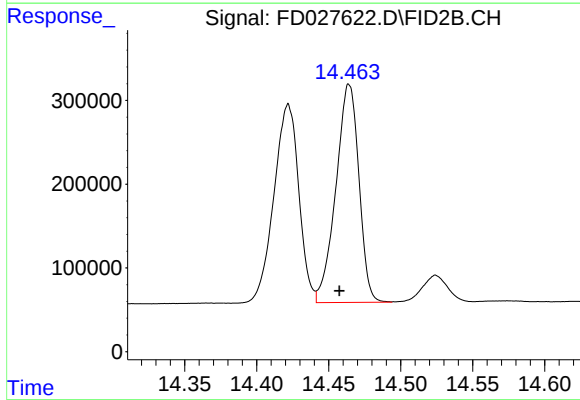
#13 Pyrene (C20.8)

R.T.: 12.555 min
Delta R.T.: 0.005 min
Response: 2904344
Conc: 32.73 ug/ml



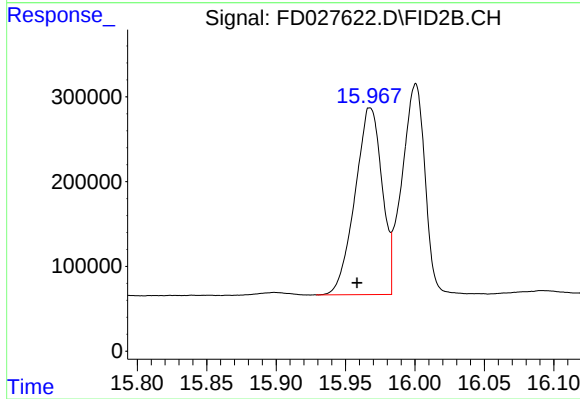
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: 0.006 min
Response: 2852506
Conc: 31.90 ug/ml



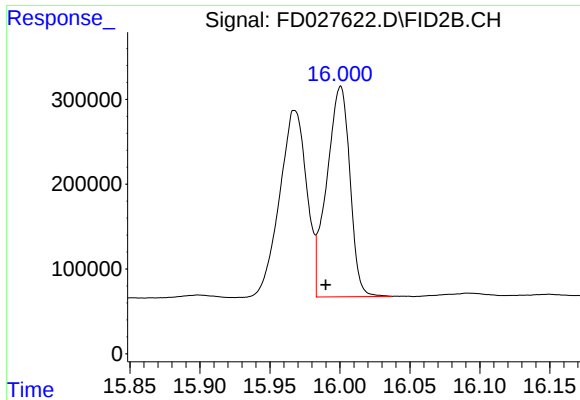
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: 0.007 min
Response: 2899083
Conc: 31.92 ug/ml



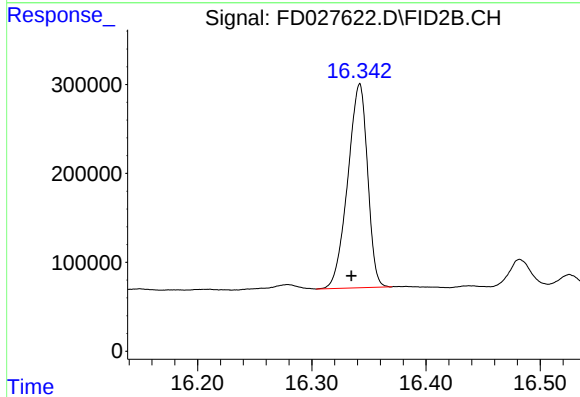
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.968 min
Delta R.T.: 0.010 min
Response: 2982218
Conc: 30.53 ug/ml



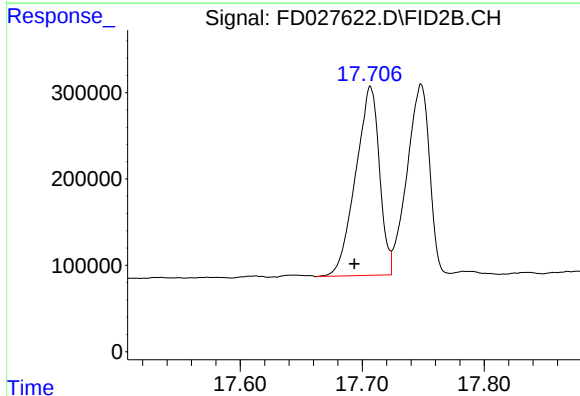
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.000 min
Delta R.T.: 0.011 min
Response: 2853595
Conc: 28.86 ug/ml



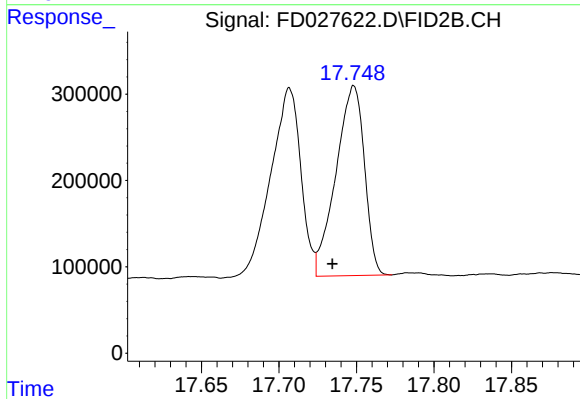
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.342 min
Delta R.T.: 0.007 min
Response: 2767289
Conc: 28.30 ug/ml



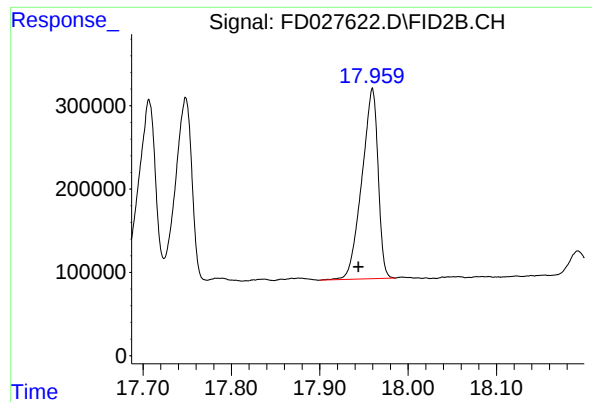
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.707 min
Delta R.T.: 0.013 min
Response: 2967982
Conc: 29.93 ug/ml



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

R.T.: 17.748 min
Delta R.T.: 0.014 min
Response: 2815086
Conc: 28.62 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.016 min
Response: 2908962
Conc: 28.69 ug/ml