

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041719AR\
 Data File : FD028948.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2019 15:34
 Operator : AJ\SJ
 Sample : K2241-03
 Misc : LOD 2.5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 18 04:32:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.093	3561892	37.543 ug/ml
Spiked Amount 50.000		Recovery =	75.09%
6) S 2-Fluorobiphenyl (SURR)	7.959	2455656	37.668 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.34%
11) S ortho-Terphenyl (SURR)	10.997	3519009	31.627 ug/ml
Spiked Amount 50.000		Recovery =	63.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.916	134145	1.371 ug/ml
2) T Naphthalene (C11.7)	5.438	160897	1.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.484	165047	1.543 ug/ml
5) T Acenaphthylene (C15.06)	7.761	161342	1.558 ug/ml
7) T Acenaphthene (C15.5)	8.056	167880	1.548 ug/ml
8) T Fluorene (C16.55)	8.835	172595	1.588 ug/ml
9) T Phenanthrene (C19.36)	10.231	181769	1.679 ug/ml
10) T Anthracene (C19.43)	10.306	184408	1.717 ug/ml
12) T Fluoranthene (C21.85)	12.041	195669	1.810 ug/ml
13) T Pyrene (C20.8)	12.417	1002081	9.305 ug/ml
14) T Benzo[a]anthracene (C...	14.246	223876	2.135 ug/ml
15) T Chrysene (C27.41)	14.246	223876	2.138 ug/ml
16) T benzo[b]fluoranthene ...	15.780	194668	1.796 ug/ml
17) T Bnezo[k]fluoranthene ...	15.780	194668	1.814 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.127	190310	1.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.524	270162	2.445 ug/ml
20) T Dibenz[a,h]anthracene...	17.524	270162	2.513 ug/ml
21) T Benzo[g,h,i]perylene ...	17.740	191715	1.769 ug/ml

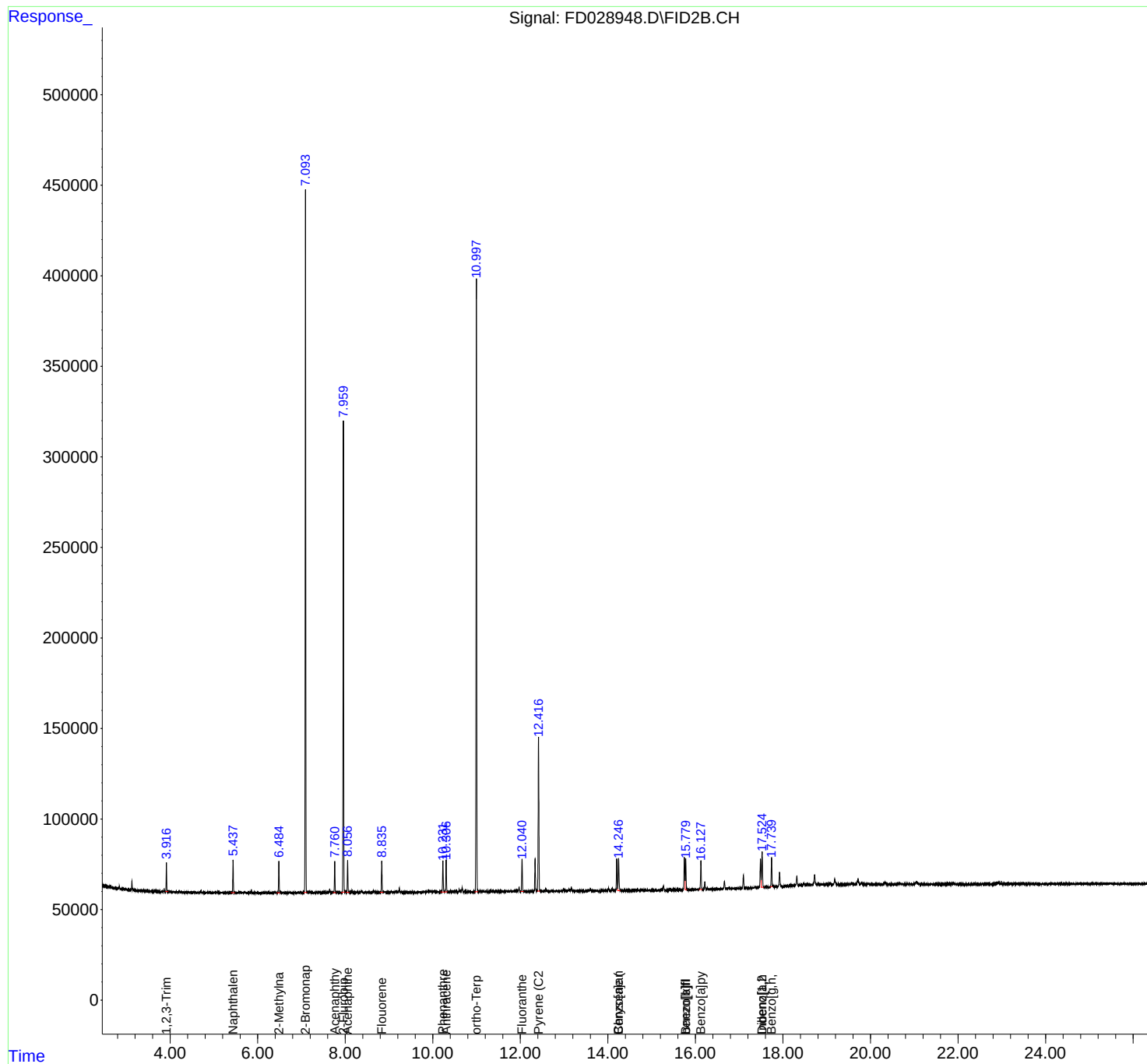
(f)=RT Delta > 1/2 Window

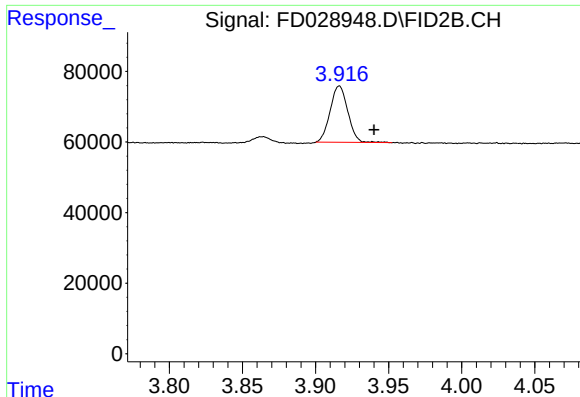
(m)=manual int.

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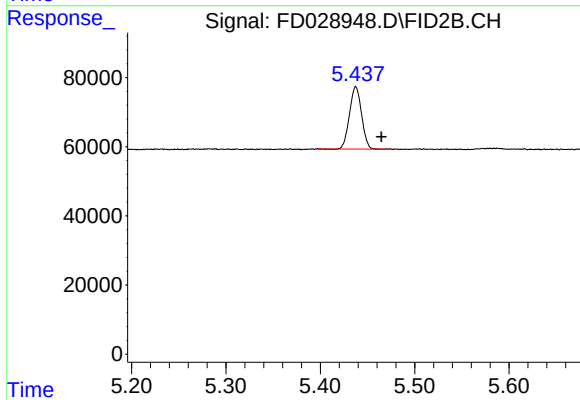
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Signal Info : 20M x 0.18mm x 0.18µm





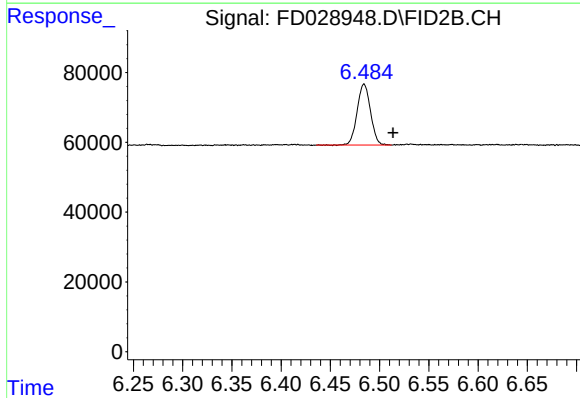
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.916 min
Delta R.T.: -0.024 min
Response: 134145
Conc: 1.37 ug/ml



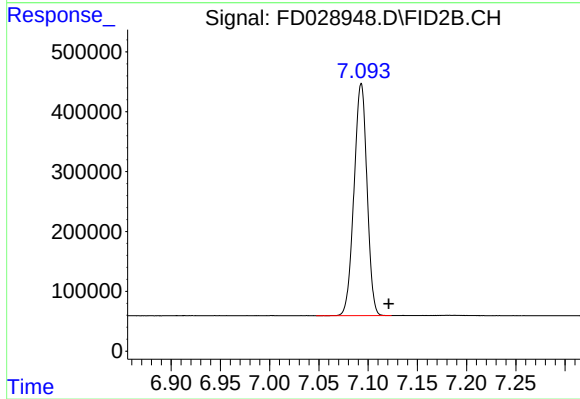
#2 Naphthalene (C11.7)

R.T.: 5.438 min
Delta R.T.: -0.027 min
Response: 160897
Conc: 1.51 ug/ml



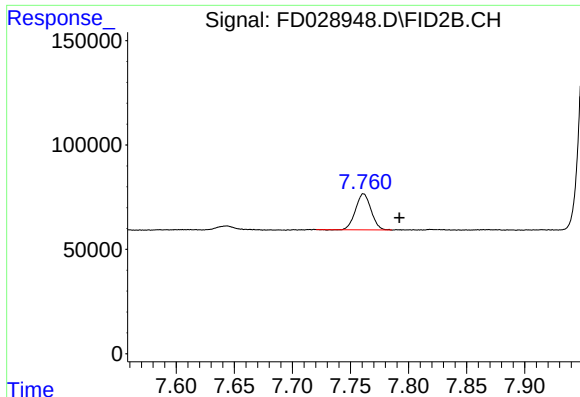
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.484 min
Delta R.T.: -0.029 min
Response: 165047
Conc: 1.54 ug/ml



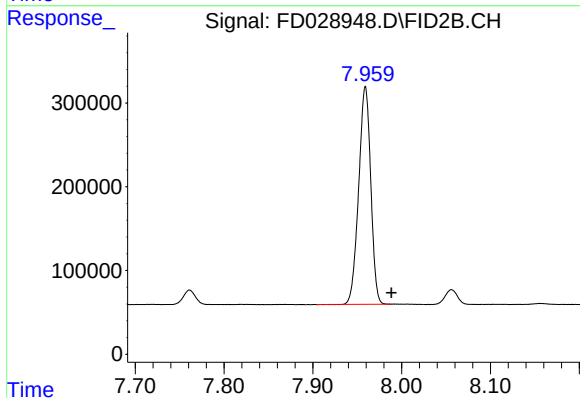
#4 2-Bromonaphthalene (SURR)

R.T.: 7.093 min
Delta R.T.: -0.028 min
Response: 3561892
Conc: 37.54 ug/ml



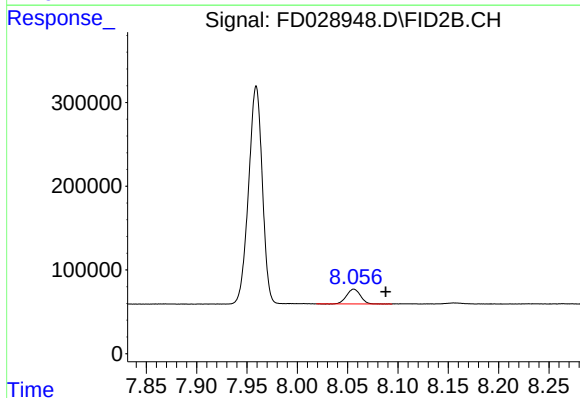
#5 Acenaphthylene (C15.06)

R.T.: 7.761 min
Delta R.T.: -0.031 min
Response: 161342
Conc: 1.56 ug/ml



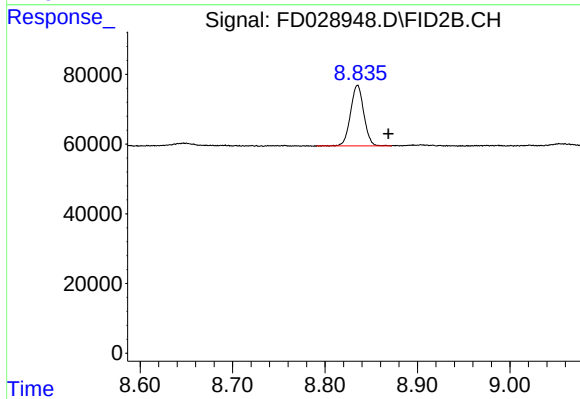
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.959 min
Delta R.T.: -0.029 min
Response: 2455656
Conc: 37.67 ug/ml



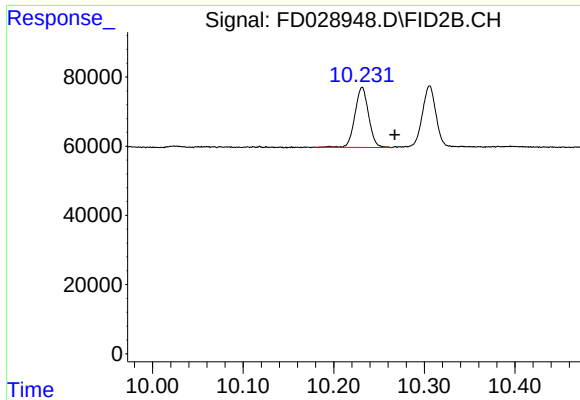
#7 Acenaphthene (C15.5)

R.T.: 8.056 min
Delta R.T.: -0.032 min
Response: 167880
Conc: 1.55 ug/ml



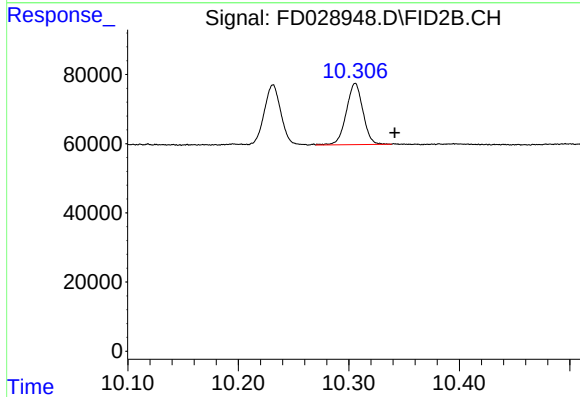
#8 Fluorene (C16.55)

R.T.: 8.835 min
Delta R.T.: -0.033 min
Response: 172595
Conc: 1.59 ug/ml



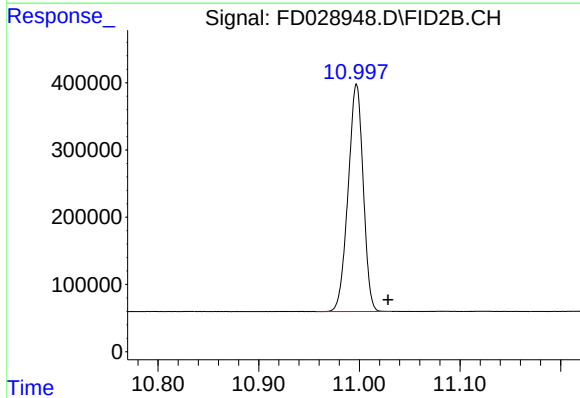
#9 Phenanthrene (C19.36)

R.T.: 10.231 min
Delta R.T.: -0.036 min
Response: 181769
Conc: 1.68 ug/ml



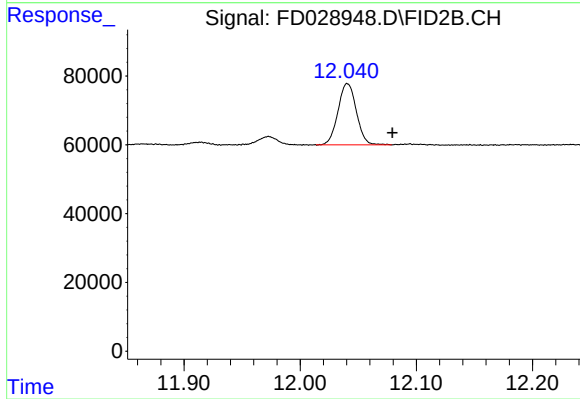
#10 Anthracene (C19.43)

R.T.: 10.306 min
Delta R.T.: -0.036 min
Response: 184408
Conc: 1.72 ug/ml



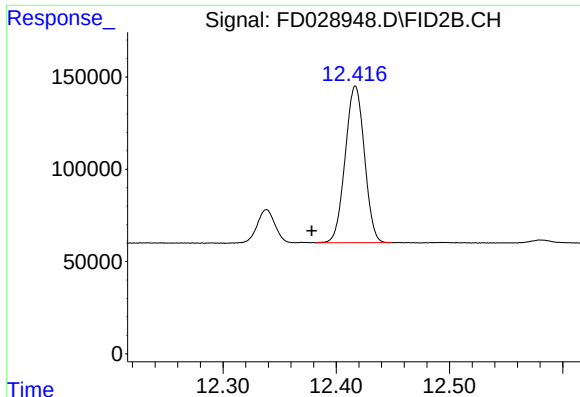
#11 ortho-Terphenyl (SURR)

R.T.: 10.997 min
Delta R.T.: -0.031 min
Response: 3519009
Conc: 31.63 ug/ml



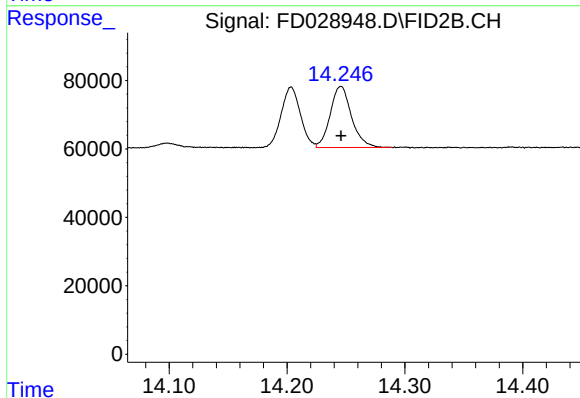
#12 Fluoranthene (C21.85)

R.T.: 12.041 min
Delta R.T.: -0.039 min
Response: 195669
Conc: 1.81 ug/ml



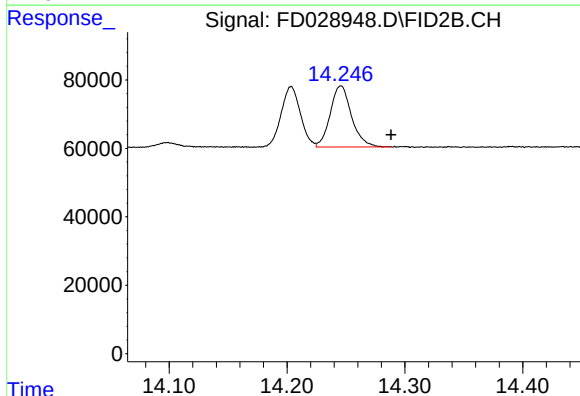
#13 Pyrene (C20.8)

R.T.: 12.417 min
Delta R.T.: 0.039 min
Response: 1002081
Conc: 9.31 ug/ml



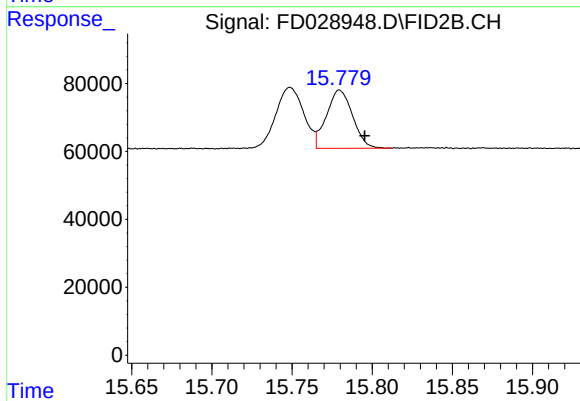
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.246 min
Delta R.T.: 0.000 min
Response: 223876
Conc: 2.14 ug/ml



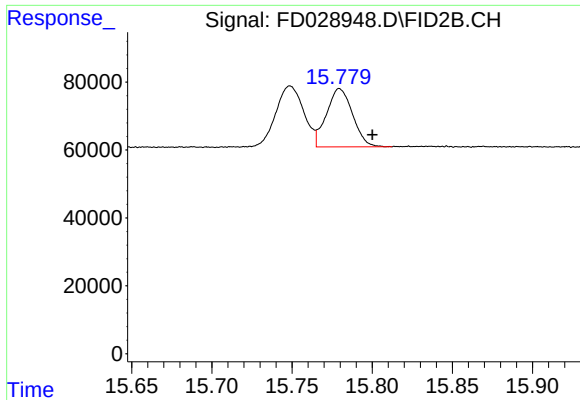
#15 Chrysene (C27.41)

R.T.: 14.246 min
Delta R.T.: -0.043 min
Response: 223876
Conc: 2.14 ug/ml



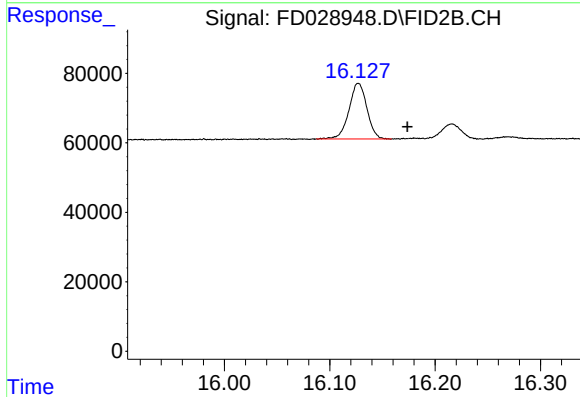
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.780 min
Delta R.T.: -0.016 min
Response: 194668
Conc: 1.80 ug/ml



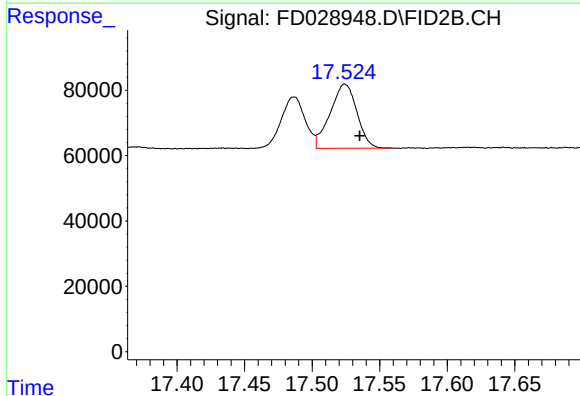
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.780 min
Delta R.T.: -0.020 min
Response: 194668
Conc: 1.81 ug/ml



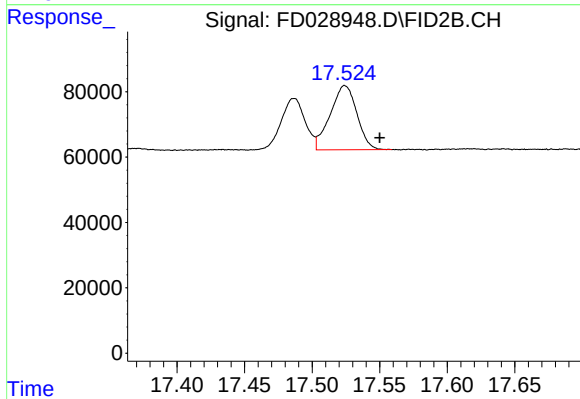
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.127 min
Delta R.T.: -0.047 min
Response: 190310
Conc: 1.76 ug/ml



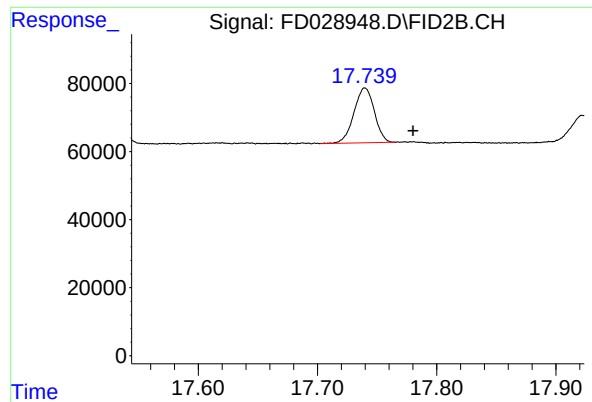
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.524 min
Delta R.T.: -0.011 min
Response: 270162
Conc: 2.44 ug/ml



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

R.T.: 17.524 min
Delta R.T.: -0.026 min
Response: 270162
Conc: 2.51 ug/ml



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

R.T.: 17.740 min
Delta R.T.: -0.040 min
Response: 191715
Conc: 1.77 ug/ml