

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030119AR\
 Data File : FD028036.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2019 13:28
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 00:32:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 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...	7.324	1729830	16.389 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
6) S 2-Fluorobiphenyl (SURR)	8.173	1174635	16.664 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.33%
11) S ortho-Terphenyl (SURR)	11.208	2066258	18.022 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.137	1908916	18.037 ug/ml
2) T Naphthalene (C11.7)	5.662	2005566	17.086 ug/ml
3) T 2-Methylnaphthalene (...)	6.710	1968922	16.644 ug/ml
5) T Acenaphthylene (C15.06)	7.976	1922492	16.673 ug/ml
7) T Acenaphthene (C15.5)	8.270	2013705	16.576 ug/ml
8) T Fluorene (C16.55)	9.048	1987445	16.518 ug/ml
9) T Phenanthrene (C19.36)	10.434	2060014	18.436 ug/ml
10) T Anthracene (C19.43)	10.508	2006884	18.128 ug/ml
12) T Fluoranthene (C21.85)	12.235	2196124	20.239 ug/ml
13) T Pyrene (C20.8)	12.528	2216394	21.121 ug/ml
14) T Benzo[a]anthracene (C...	14.395	2156389	21.307 ug/ml
15) T Chrysene (C27.41)	14.436	2206658	21.401 ug/ml
16) T benzo[b]fluoranthene ...	15.938	2186944	20.750 ug/ml
17) T Bnezo[k]fluoranthene ...	15.969	2225216	20.664 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.312	2155306	20.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.674	2113260	20.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.714	2193197	21.766 ug/ml
21) T Benzo[g,h,i]perylene ...	17.924	2152547	19.921 ug/ml

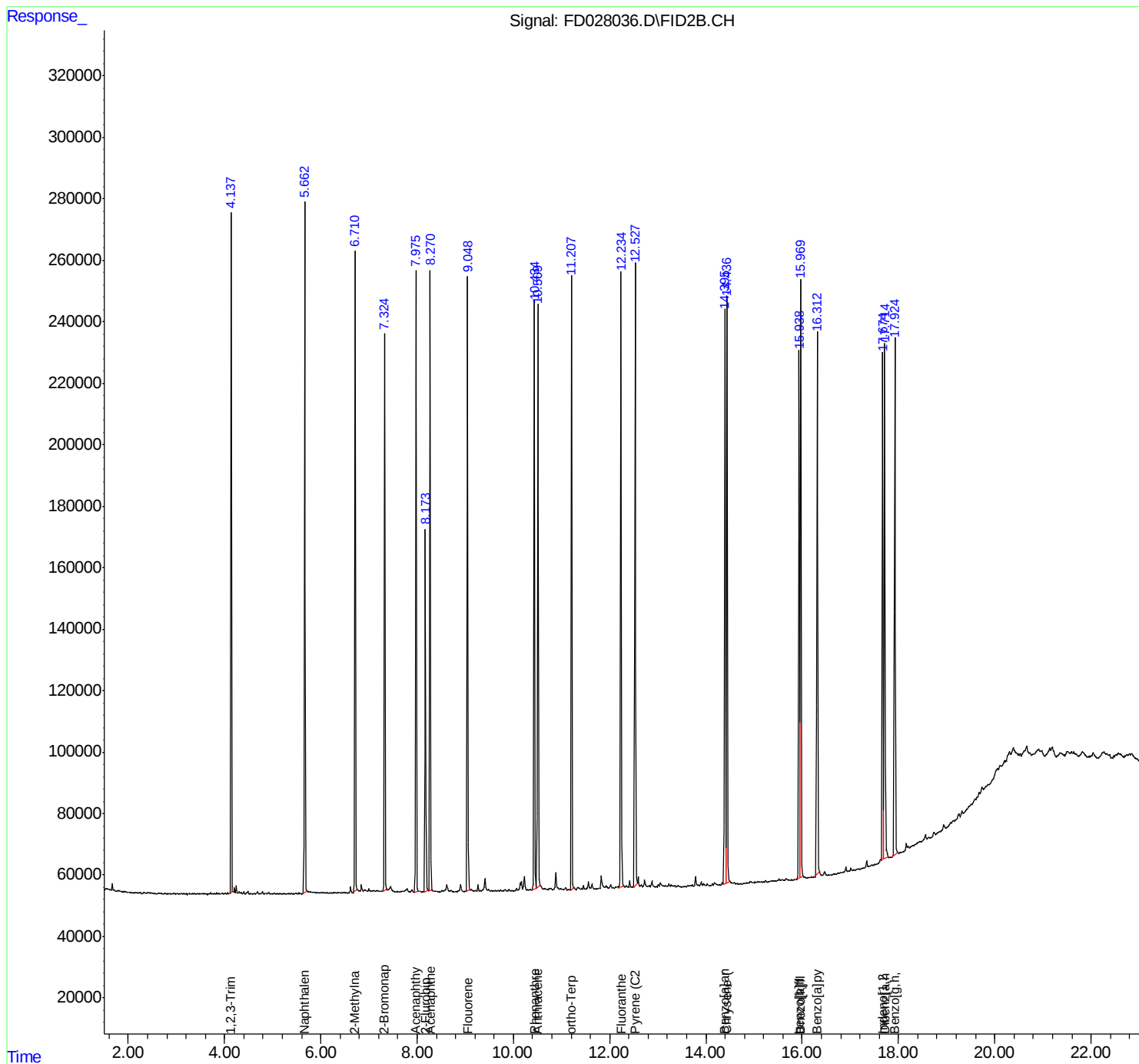
(f)=RT Delta > 1/2 Window

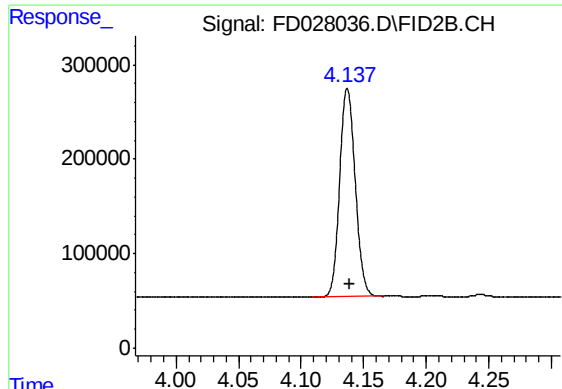
(m)=manual int.

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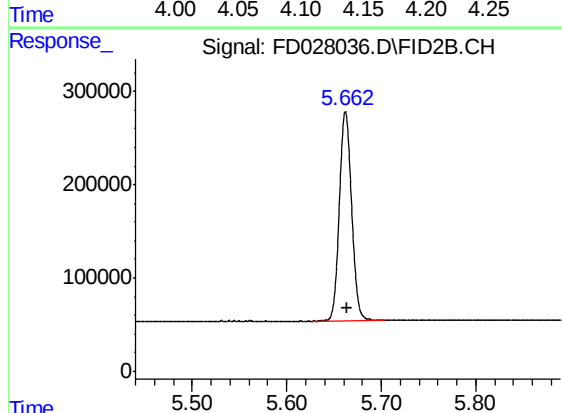
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





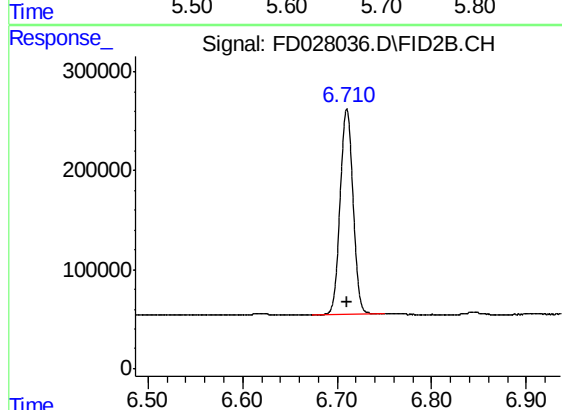
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 1908916
Conc: 18.04 ug/ml



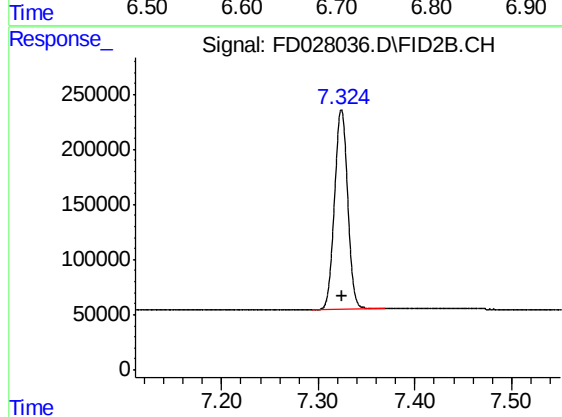
#2 Naphthalene (C11.7)

R.T.: 5.662 min
Delta R.T.: -0.002 min
Response: 2005566
Conc: 17.09 ug/ml



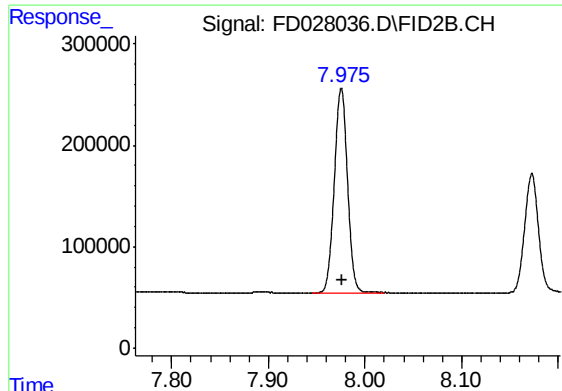
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 1968922
Conc: 16.64 ug/ml



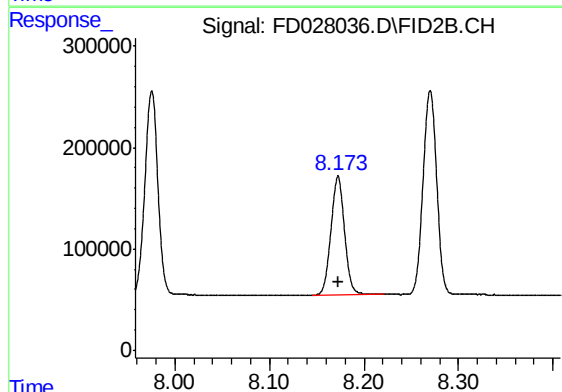
#4 2-Bromonaphthalene (SURR)

R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 1729830
Conc: 16.39 ug/ml



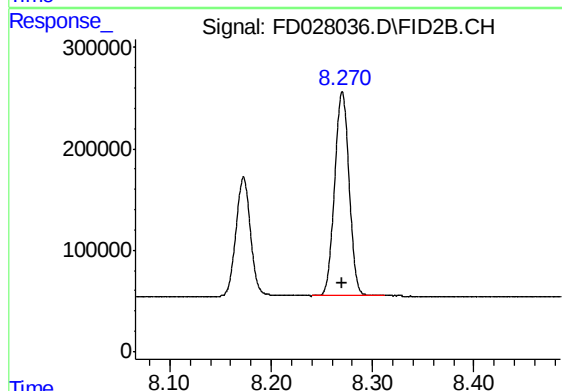
#5 Acenaphthylene (C15.06)

R.T.: 7.976 min
Delta R.T.: 0.000 min
Response: 1922492
Conc: 16.67 ug/ml



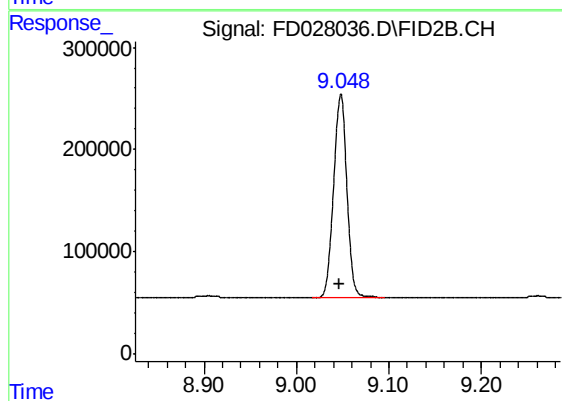
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 1174635
Conc: 16.66 ug/ml



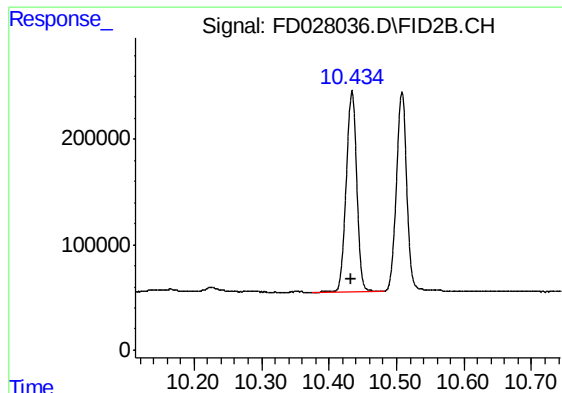
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 2013705
Conc: 16.58 ug/ml



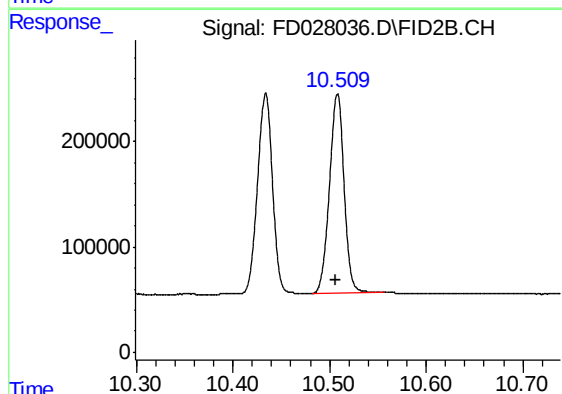
#8 Fluorene (C16.55)

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 1987445
Conc: 16.52 ug/ml



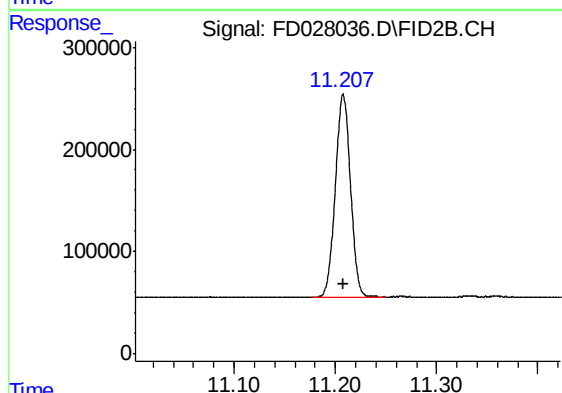
#9 Phenanthrene (C19.36)

R.T.: 10.434 min
Delta R.T.: 0.002 min
Response: 2060014
Conc: 18.44 ug/ml



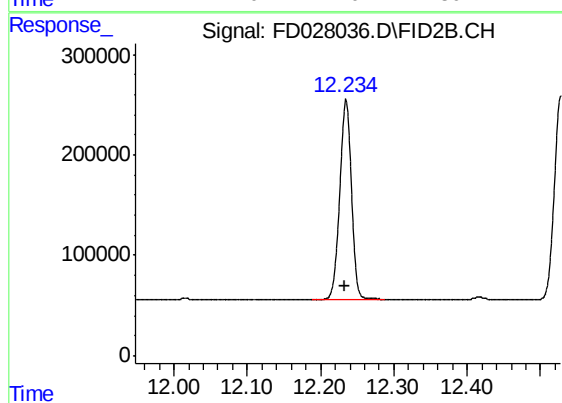
#10 Anthracene (C19.43)

R.T.: 10.508 min
Delta R.T.: 0.002 min
Response: 2006884
Conc: 18.13 ug/ml



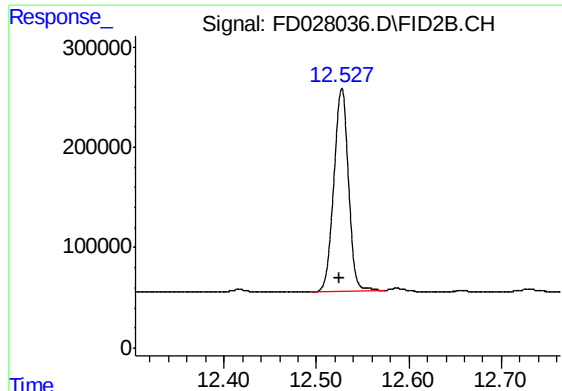
#11 ortho-Terphenyl (SURRE)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2066258
Conc: 18.02 ug/ml



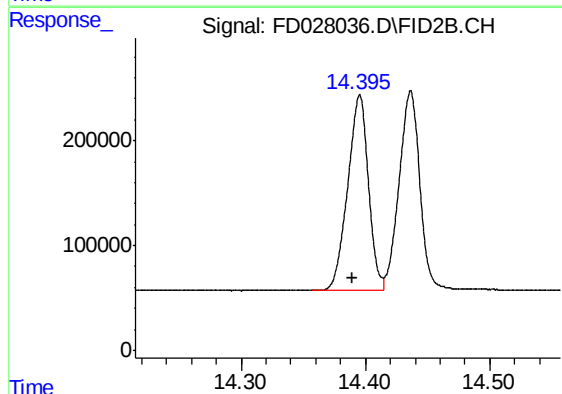
#12 Fluoranthene (C21.85)

R.T.: 12.235 min
Delta R.T.: 0.002 min
Response: 2196124
Conc: 20.24 ug/ml



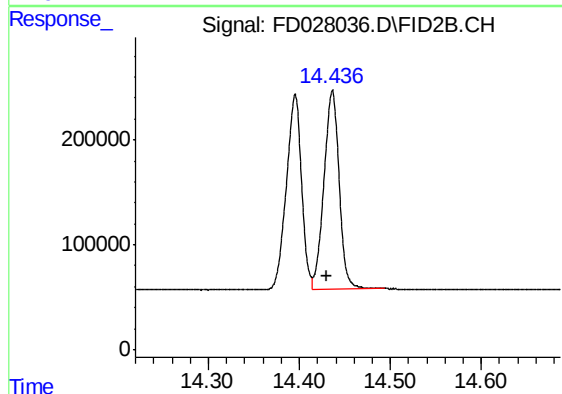
#13 Pyrene (C20.8)

R.T.: 12.528 min
Delta R.T.: 0.002 min
Response: 2216394
Conc: 21.12 ug/ml



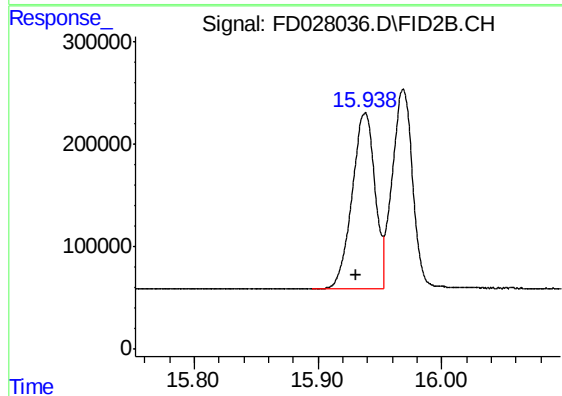
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.395 min
Delta R.T.: 0.006 min
Response: 2156389
Conc: 21.31 ug/ml



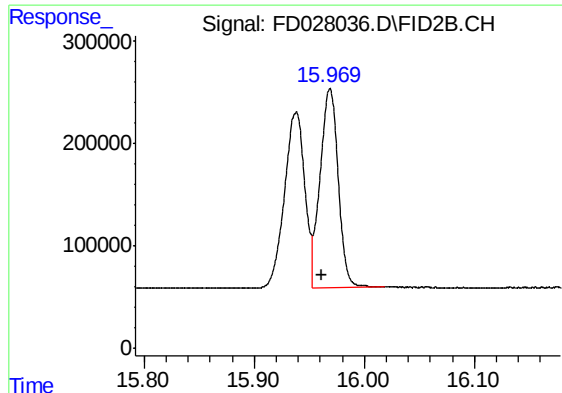
#15 Chrysene (C27.41)

R.T.: 14.436 min
Delta R.T.: 0.006 min
Response: 2206658
Conc: 21.40 ug/ml



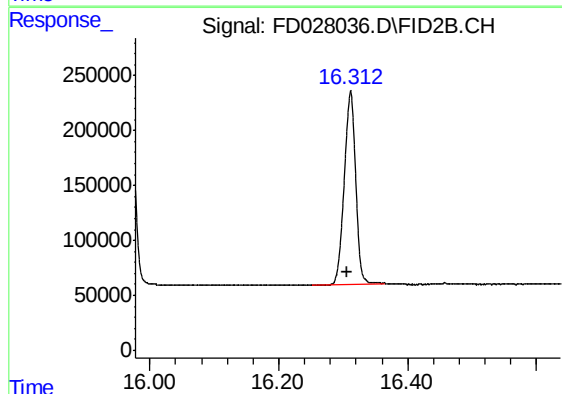
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.938 min
Delta R.T.: 0.007 min
Response: 2186944
Conc: 20.75 ug/ml



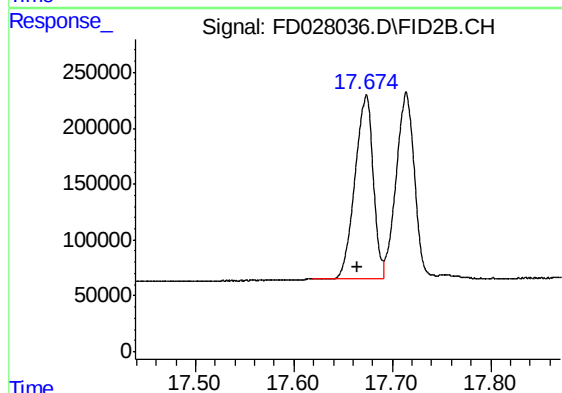
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.969 min
Delta R.T.: 0.007 min
Response: 2225216
Conc: 20.66 ug/ml



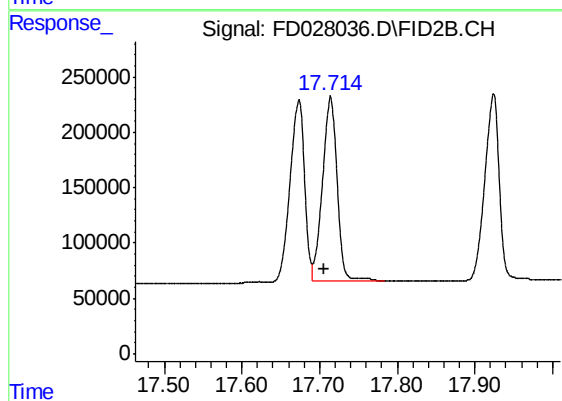
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.312 min
Delta R.T.: 0.006 min
Response: 2155306
Conc: 20.14 ug/ml



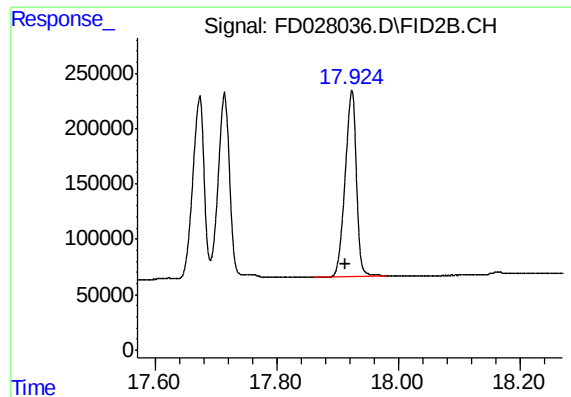
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.674 min
Delta R.T.: 0.009 min
Response: 2113260
Conc: 20.65 ug/ml



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

R.T.: 17.714 min
Delta R.T.: 0.008 min
Response: 2193197
Conc: 21.77 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.011 min
Response: 2152547
Conc: 19.92 ug/ml