Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031519AR\
Data File : FD028374.D
Signal(s) : FID2B.CH
Acq On : 16 Mar 2019 16:49
Operator : AJ\SJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Mar 18 05:03:24 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...	7.311	1835515	17.390 ug/ml
Spiked Amount	50.000		Recovery =	34.78%
6) S	2-Flurobiphenyl (SURR)	8.159	1258259	17.850 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	35.70%
11) S	ortho-Terphenyl (SURR)	11.195	2279910	19.886 ug/ml
Spiked Amount	50.000		Recovery =	39.77%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.124	1962037	18.538 ug/ml
2) T	Naphthalene (C11.7)	5.649	2077691	17.701 ug/ml
3) T	2-Methylnaphthalene (...	6.697	2078329	17.569 ug/ml
5) T	Acenaphthylene (C15.06)	7.962	2108610	18.287 ug/ml
7) T	Acenaphthene (C15.5)	8.257	2213407	18.219 ug/ml
8) T	Flouorene (C16.55)	9.034	2159772	17.950 ug/ml
9) T	Phenanthrene (C19.36)	10.420	2234198	19.995 ug/ml
10) T	Anthracene (C19.43)	10.494	2163427	19.542 ug/ml
12) T	Fluoranthene (C21.85)	12.220	2308277	21.273 ug/ml
13) T	Pyrene (C20.8)	12.512	2318667	22.095 ug/ml
14) T	Benzo[a]anthracene (C...	14.378	2280540	22.534 ug/ml
15) T	Chrysene (C27.41)	14.420	2377554	23.059 ug/ml
16) T	benzo[b]fluoranthene ...	15.921	2372143	22.508 ug/ml
17) T	Bnezo[k]fluoranthene ...	15.953	2482737	23.055 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.296	2375714	22.197 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.656	2073947	20.266 ug/ml
20) T	Dibenz[a,h]anthracene...	17.697	2112828	20.969 ug/ml
21) T	Benzo[g,h,i]perylene ...	17.905	2228919	20.628 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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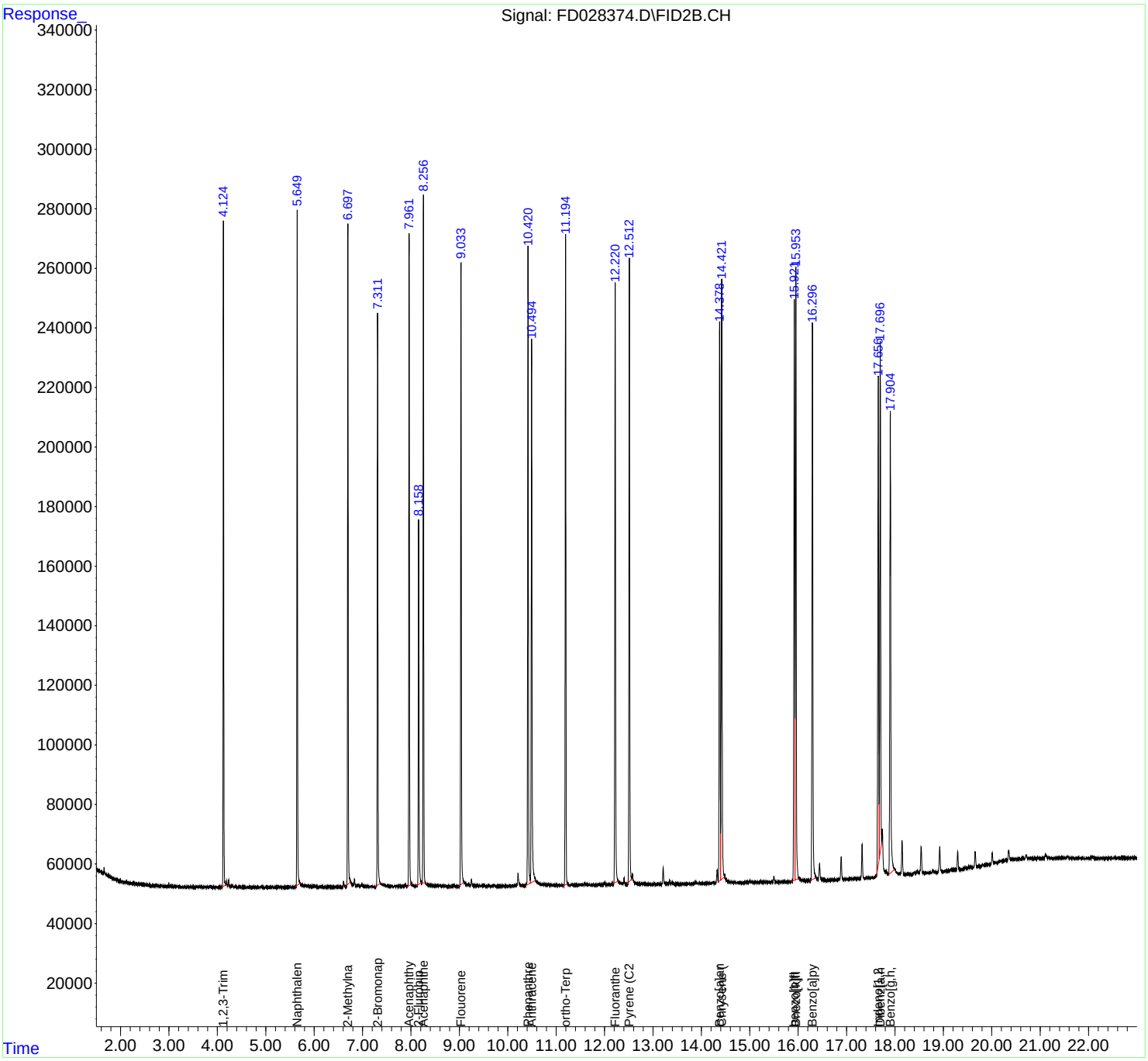
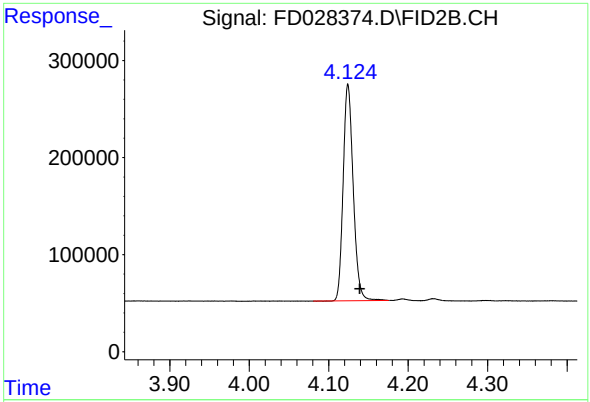
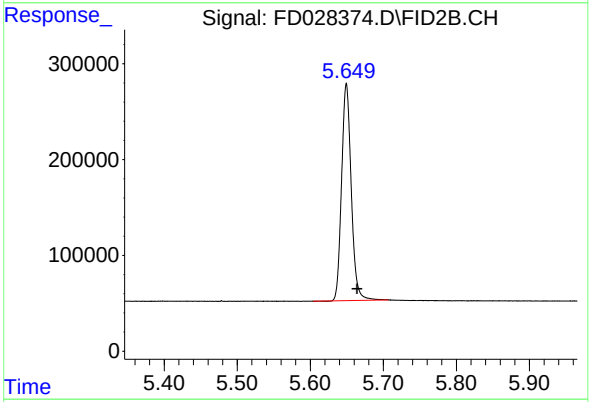
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





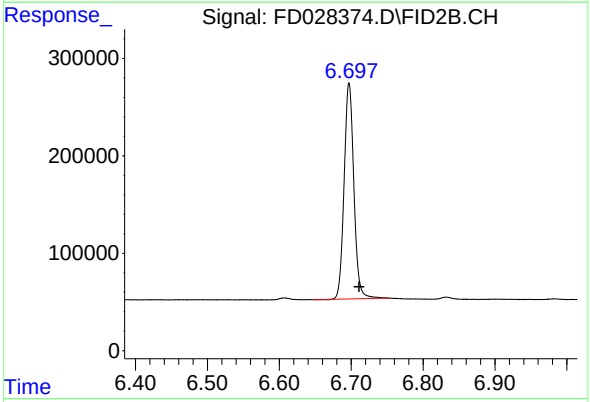
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.124 min
Delta R.T.: -0.015 min
Response: 1962037
Conc: 18.54 ug/ml



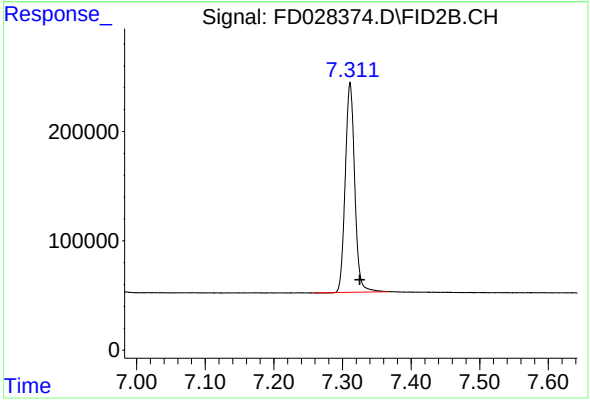
#2 Naphthalene (C11.7)

R.T.: 5.649 min
Delta R.T.: -0.015 min
Response: 2077691
Conc: 17.70 ug/ml



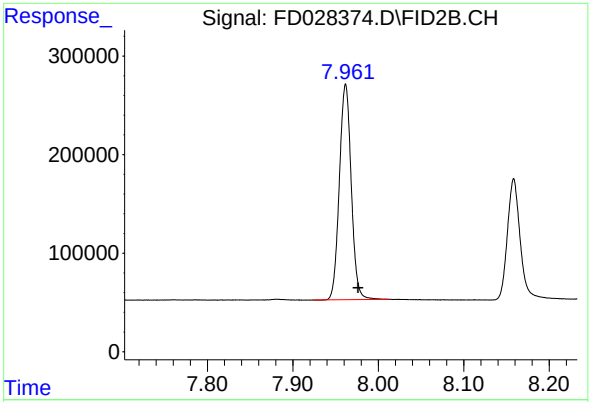
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.697 min
Delta R.T.: -0.014 min
Response: 2078329
Conc: 17.57 ug/ml



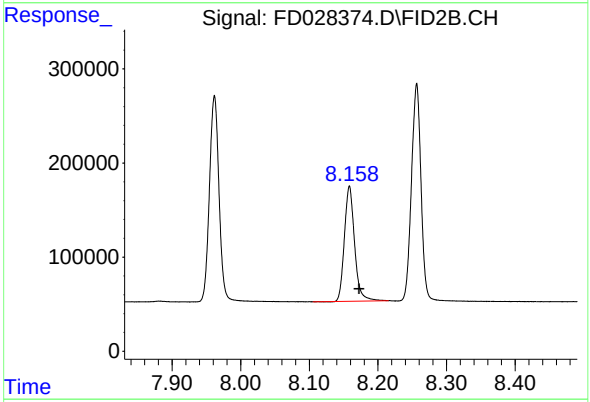
#4 2-Bromonaphthalene (SURR)

R.T.: 7.311 min
Delta R.T.: -0.014 min
Response: 1835515
Conc: 17.39 ug/ml



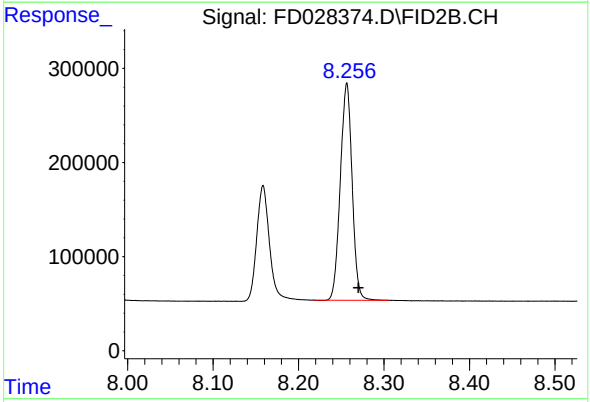
#5 Acenaphthylene (C15.06)

R.T.: 7.962 min
Delta R.T.: -0.014 min
Response: 2108610
Conc: 18.29 ug/ml



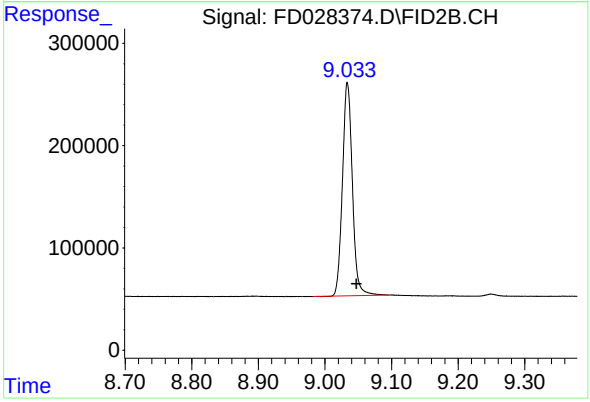
#6 2-Flurobiphenyl (SURR)

R.T.: 8.159 min
Delta R.T.: -0.014 min
Response: 1258259
Conc: 17.85 ug/ml



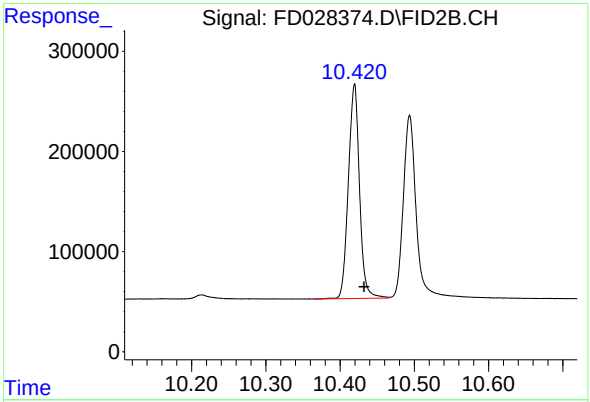
#7 Acenaphthene (C15.5)

R.T.: 8.257 min
Delta R.T.: -0.014 min
Response: 2213407
Conc: 18.22 ug/ml



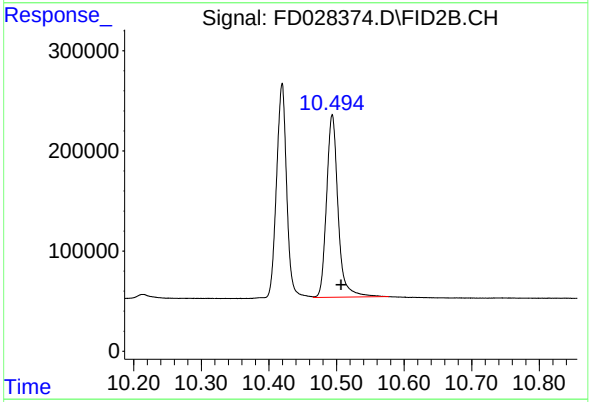
#8 Flouorene (C16.55)

R.T.: 9.034 min
Delta R.T.: -0.013 min
Response: 2159772
Conc: 17.95 ug/ml



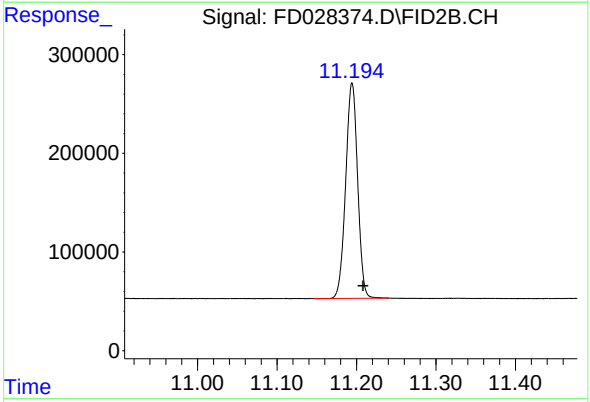
#9 Phenanthrene (C19.36)

R.T.: 10.420 min
Delta R.T.: -0.013 min
Response: 2234198
Conc: 19.99 ug/ml



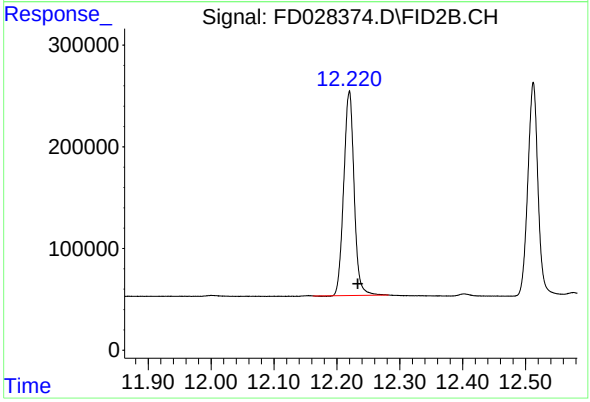
#10 Anthracene (C19.43)

R.T.: 10.494 min
Delta R.T.: -0.013 min
Response: 2163427
Conc: 19.54 ug/ml



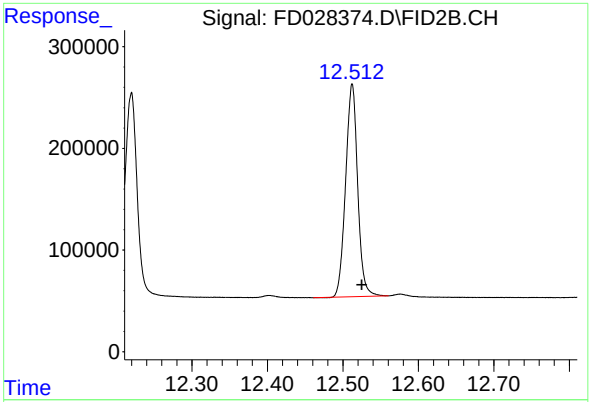
#11 ortho-Terphenyl (SURR)

R.T.: 11.195 min
Delta R.T.: -0.014 min
Response: 2279910
Conc: 19.89 ug/ml



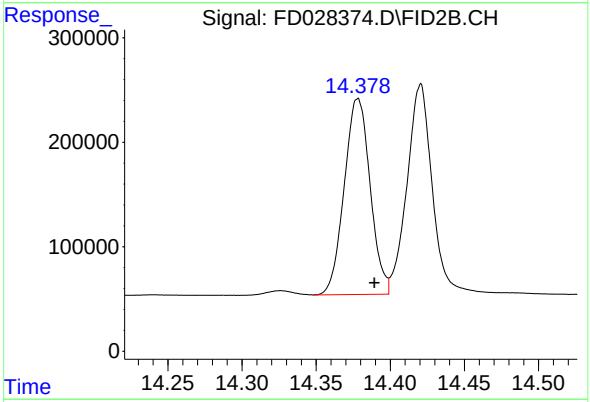
#12 Fluoranthene (C21.85)

R.T.: 12.220 min
Delta R.T.: -0.013 min
Response: 2308277
Conc: 21.27 ug/ml



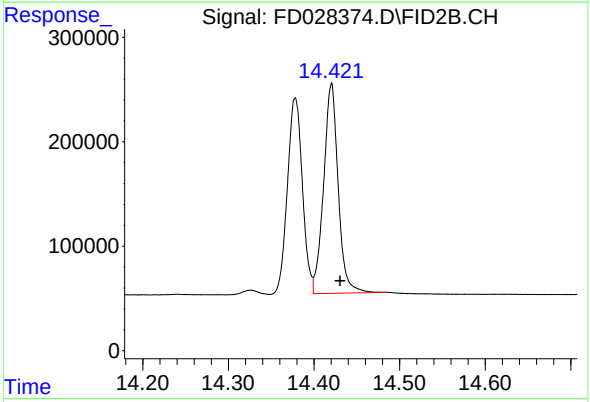
#13 Pyrene (C20.8)

R.T.: 12.512 min
Delta R.T.: -0.013 min
Response: 2318667
Conc: 22.10 ug/ml



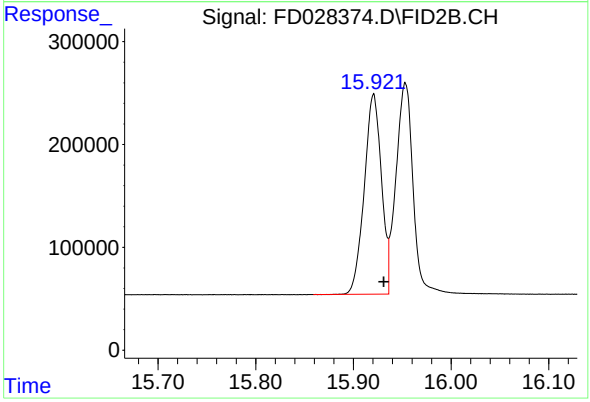
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.378 min
Delta R.T.: -0.011 min
Response: 2280540
Conc: 22.53 ug/ml



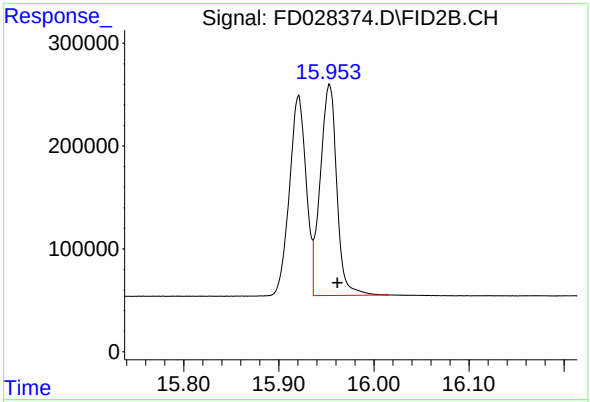
#15 Chrysene (C27.41)

R.T.: 14.420 min
Delta R.T.: -0.010 min
Response: 2377554
Conc: 23.06 ug/ml



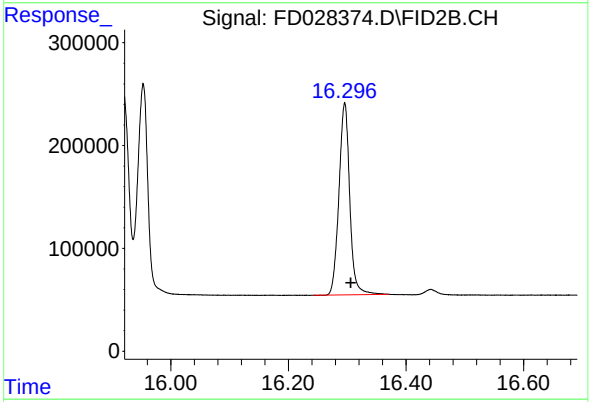
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.921 min
Delta R.T.: -0.010 min
Response: 2372143
Conc: 22.51 ug/ml



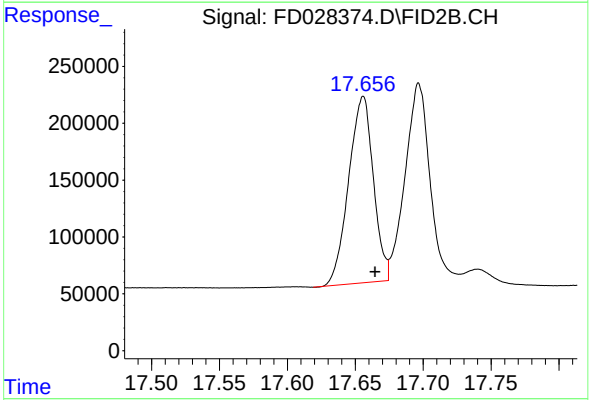
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.953 min
Delta R.T.: -0.008 min
Response: 2482737
Conc: 23.05 ug/ml



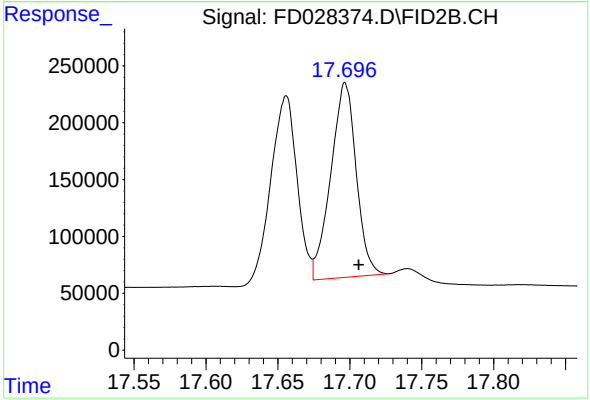
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.296 min
Delta R.T.: -0.010 min
Response: 2375714
Conc: 22.20 ug/ml



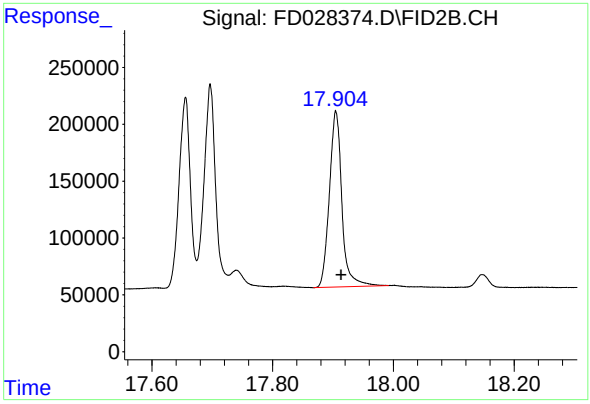
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.656 min
Delta R.T.: -0.009 min
Response: 2073947
Conc: 20.27 ug/ml



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

R.T.: 17.697 min
Delta R.T.: -0.009 min
Response: 2112828
Conc: 20.97 ug/ml



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

R.T.:	17.905 min
Delta R.T.:	-0.009 min
Response:	2228919
Conc:	20.63 ug/ml