

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111318AR\
 Data File : FD026627.D
 Signal(s) : FID2B.CH
 Acq On : 14 Nov 2018 15:33
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 14 15:59:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 2018
 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...	7.386	1535170	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
6) S 2-Fluorobiphenyl (SURR)	8.236	1083145	20.715 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.43%
11) S ortho-Terphenyl (SURR)	11.280	1863535	21.986 ug/ml
Spiked Amount 50.000		Recovery =	43.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	1692027	21.197 ug/mlm
2) T Naphthalene (C11.7)	5.722	1818709	20.723 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	1761250	20.321 ug/ml
5) T Acenaphthylene (C15.06)	8.040	1719364	20.285 ug/ml
7) T Acenaphthene (C15.5)	8.335	1806952	20.438 ug/ml
8) T Flouorene (C16.55)	9.114	1816554	20.612 ug/ml
9) T Phenanthrene (C19.36)	10.504	1915963	21.825 ug/ml
10) T Anthracene (C19.43)	10.577	1897685	21.675 ug/ml
12) T Fluoranthene (C21.85)	12.309	2052209	23.564 ug/ml
13) T Pyrene (C20.8)	12.603	2057317	23.736 ug/ml
14) T Benzo[a]anthracene (C...	14.472	2020481	23.760 ug/ml
15) T Chrysene (C27.41)	14.515	2045271	23.866 ug/ml
16) T benzo[b]fluoranthene ...	16.018	2072905	22.267 ug/ml
17) T Bnezo[k]fluoranthene ...	16.050	2099260	22.670 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	2071382	21.946 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	1967418	20.488 ug/ml
20) T Dibenz[a,h]anthracene...	17.797	1957177	20.850 ug/ml
21) T Benzo[g,h,i]perylene ...	18.007	2001163	20.355 ug/ml

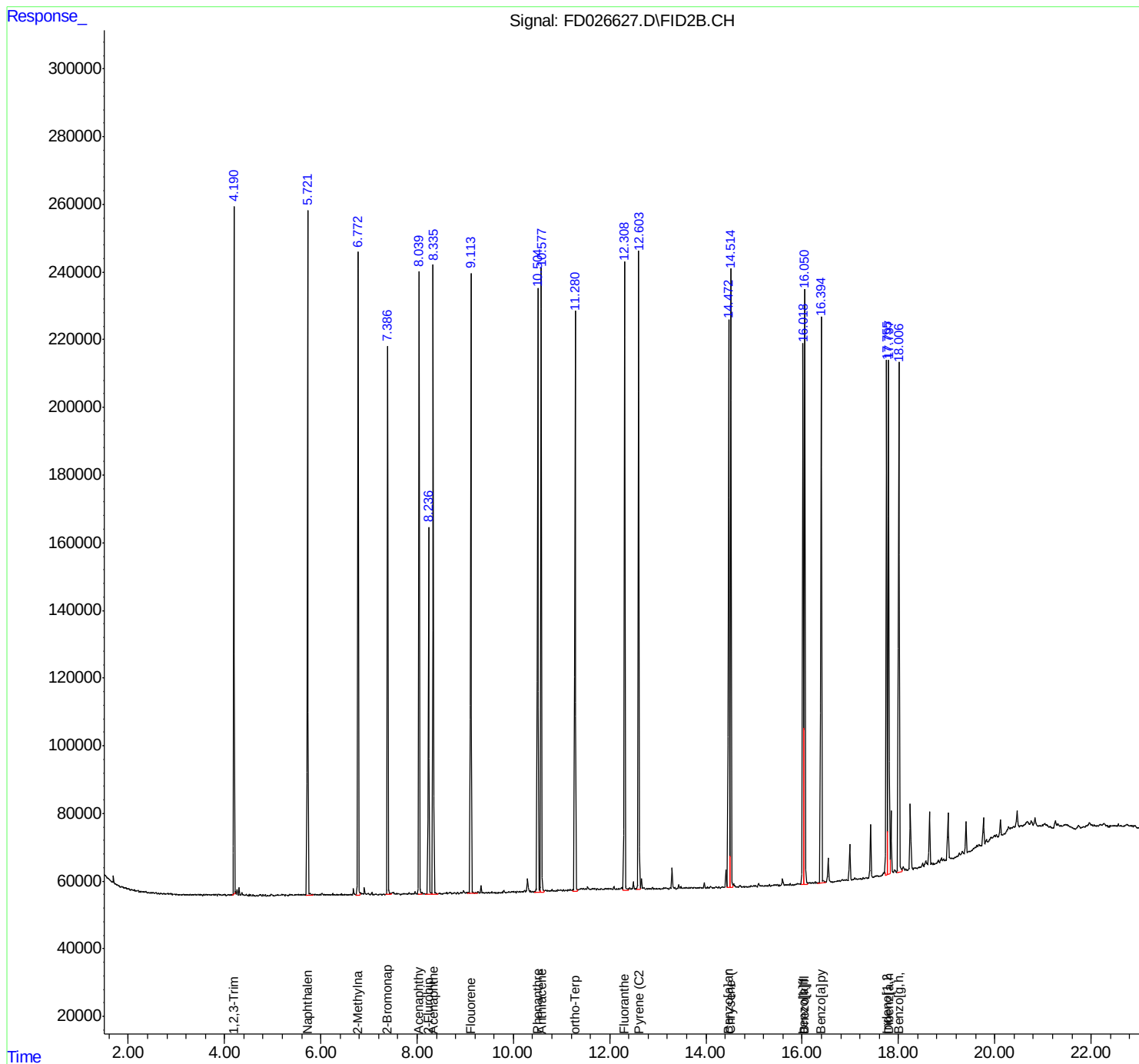
(f)=RT Delta > 1/2 Window

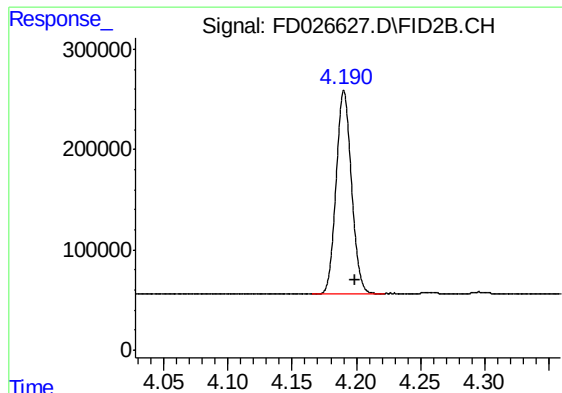
(m)=manual int.

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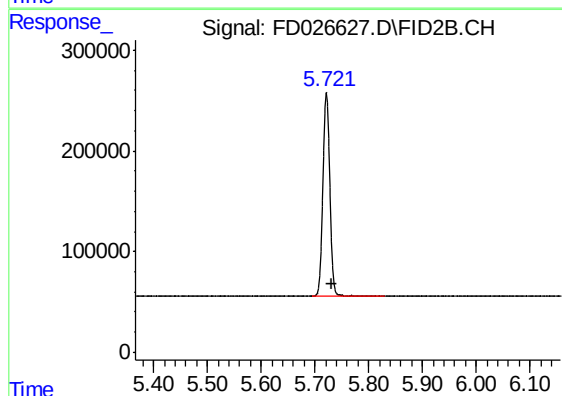
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Signal Info : 20M x 0.18mm x 0.18µm





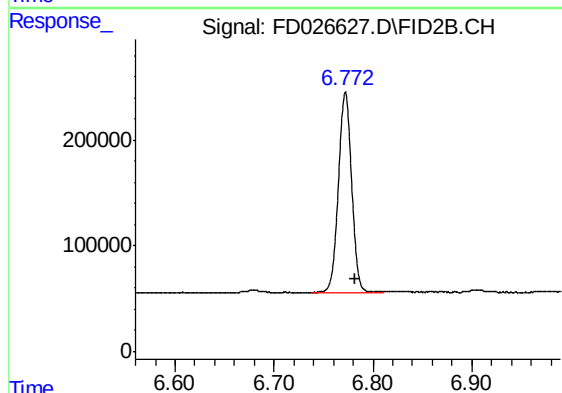
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.190 min
Delta R.T.: -0.009 min
Response: 1692027
Conc: 21.20 ug/ml m



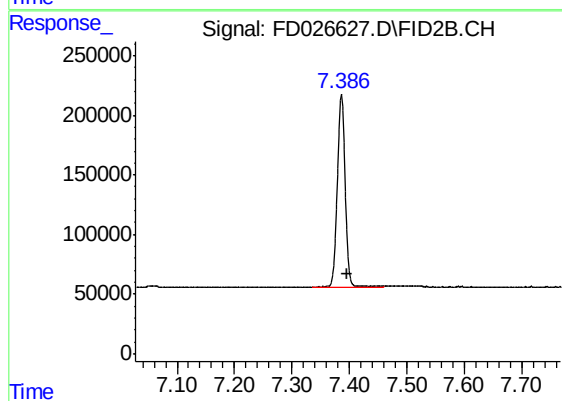
#2 Naphthalene (C11.7)

R.T.: 5.722 min
Delta R.T.: -0.009 min
Response: 1818709
Conc: 20.72 ug/ml



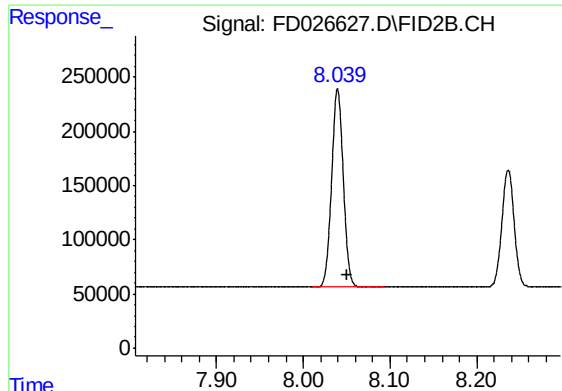
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.010 min
Response: 1761250
Conc: 20.32 ug/ml



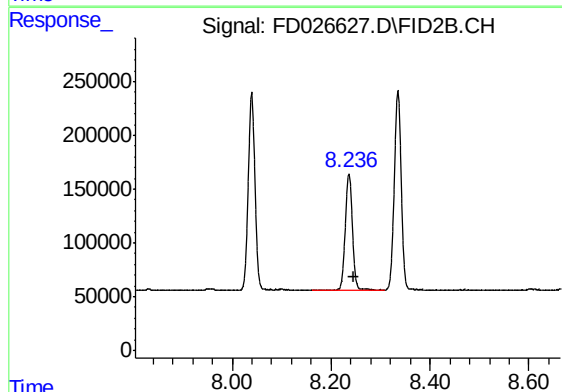
#4 2-Bromonaphthalene (SURR)

R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 1535170
Conc: 20.22 ug/ml



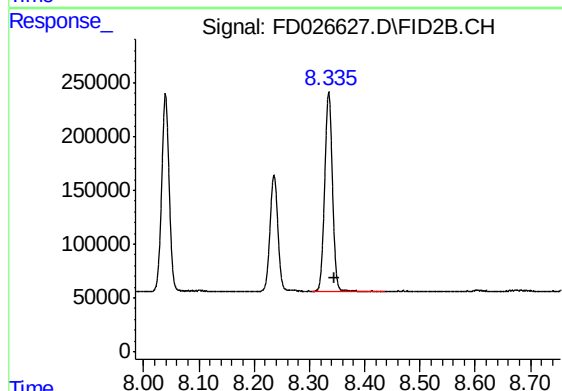
#5 Acenaphthylene (C15.06)

R.T.: 8.040 min
Delta R.T.: -0.011 min
Response: 1719364
Conc: 20.28 ug/ml



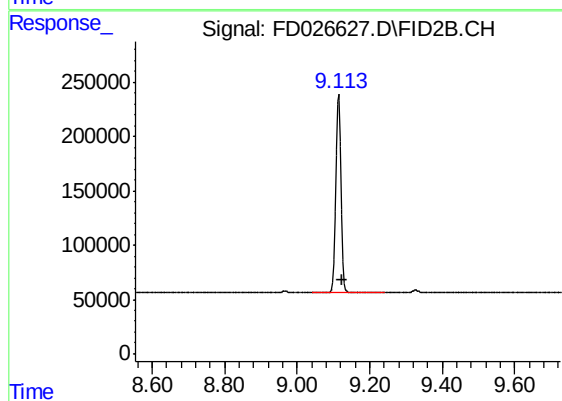
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.236 min
Delta R.T.: -0.010 min
Response: 1083145
Conc: 20.71 ug/ml



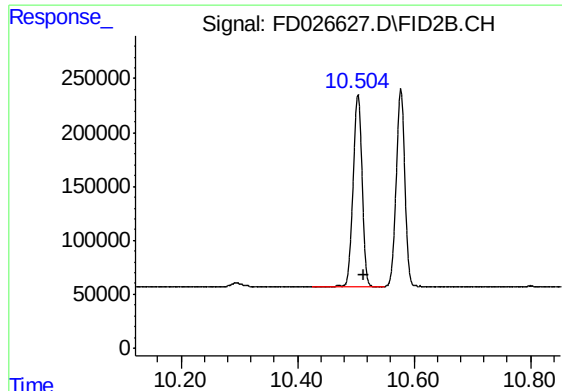
#7 Acenaphthene (C15.5)

R.T.: 8.335 min
Delta R.T.: -0.011 min
Response: 1806952
Conc: 20.44 ug/ml



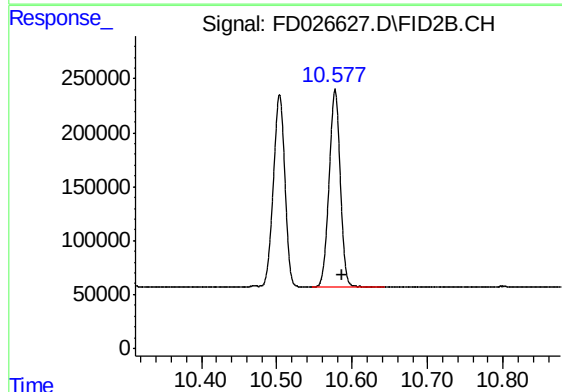
#8 Flouorene (C16.55)

R.T.: 9.114 min
Delta R.T.: -0.010 min
Response: 1816554
Conc: 20.61 ug/ml



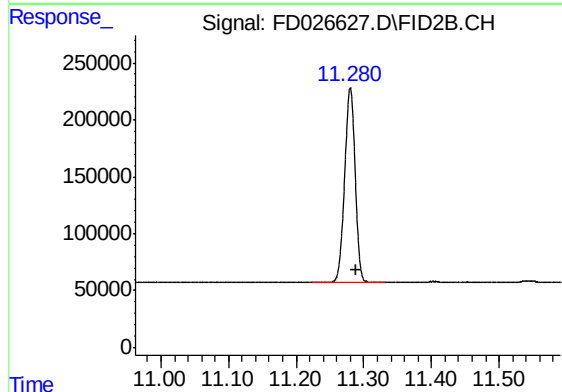
#9 Phenanthrene (C19.36)

R.T.: 10.504 min
Delta R.T.: -0.009 min
Response: 1915963
Conc: 21.82 ug/ml



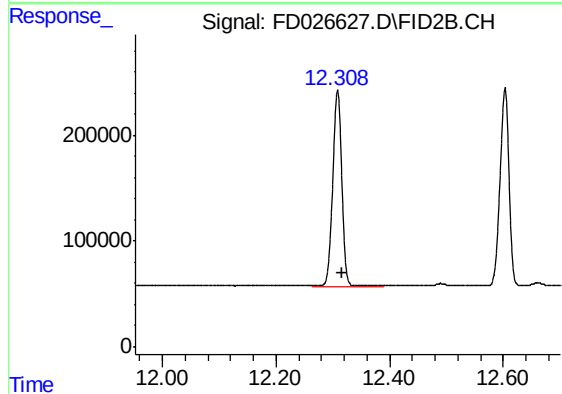
#10 Anthracene (C19.43)

R.T.: 10.577 min
Delta R.T.: -0.009 min
Response: 1897685
Conc: 21.67 ug/ml



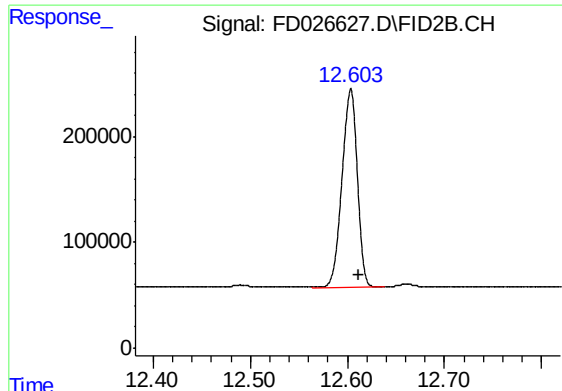
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min
Delta R.T.: -0.008 min
Response: 1863535
Conc: 21.99 ug/ml



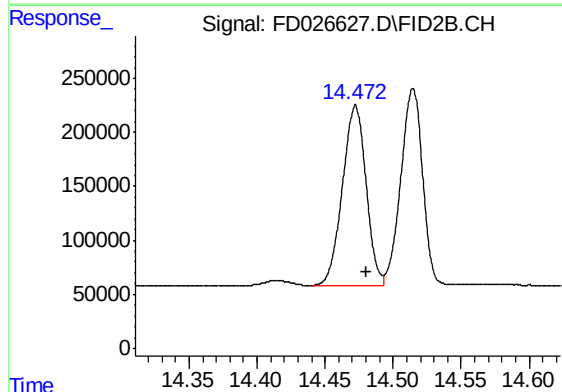
#12 Fluoranthene (C21.85)

R.T.: 12.309 min
Delta R.T.: -0.009 min
Response: 2052209
Conc: 23.56 ug/ml



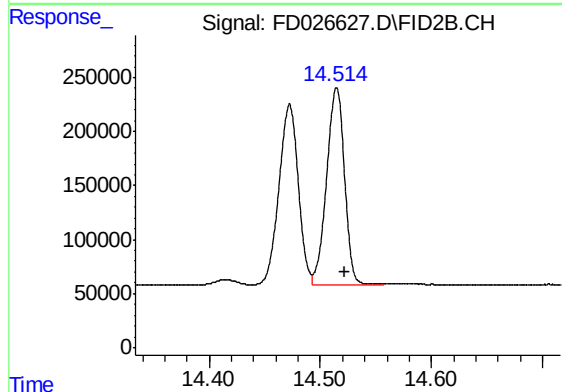
#13 Pyrene (C20.8)

R.T.: 12.603 min
Delta R.T.: -0.008 min
Response: 2057317
Conc: 23.74 ug/ml



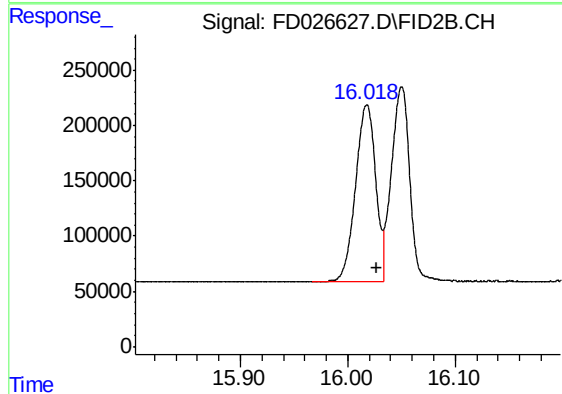
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: -0.008 min
Response: 2020481
Conc: 23.76 ug/ml



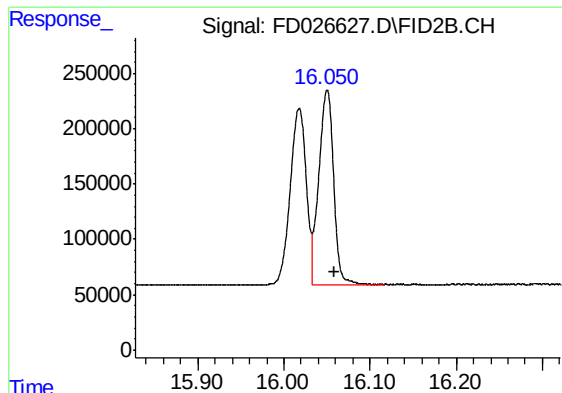
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: -0.007 min
Response: 2045271
Conc: 23.87 ug/ml



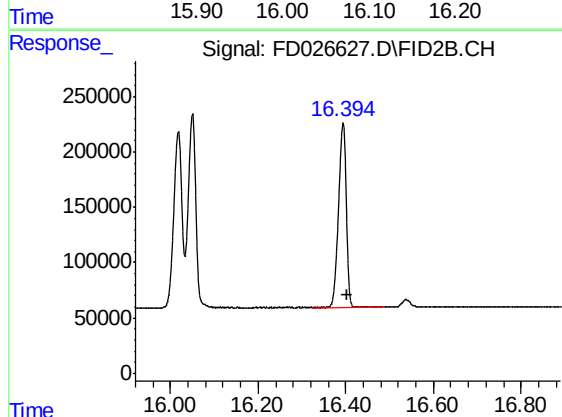
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.018 min
Delta R.T.: -0.010 min
Response: 2072905
Conc: 22.27 ug/ml



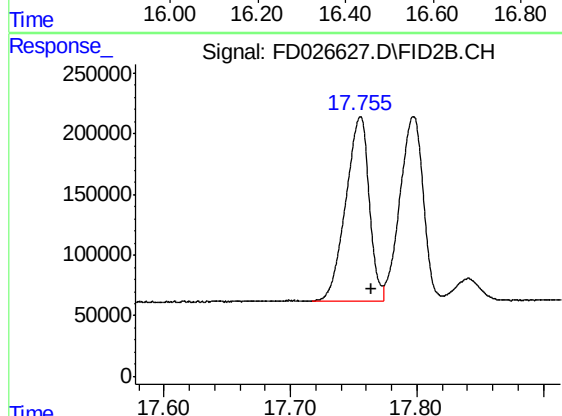
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.050 min
Delta R.T.: -0.009 min
Response: 2099260
Conc: 22.67 ug/ml



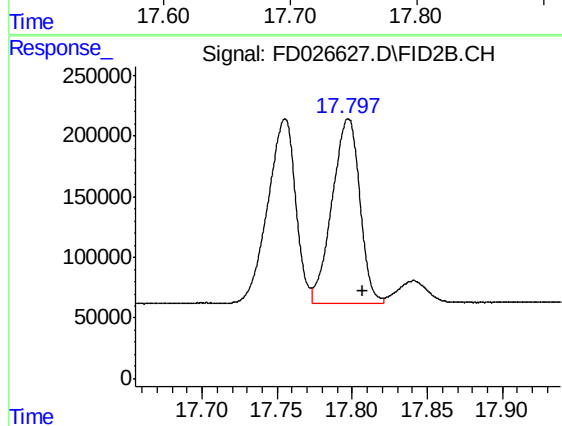
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: -0.009 min
Response: 2071382
Conc: 21.95 ug/ml



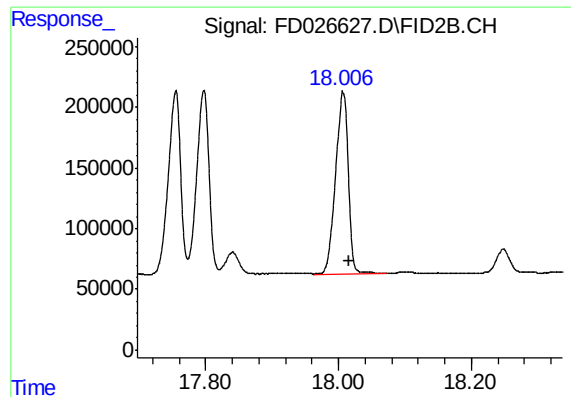
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.755 min
Delta R.T.: -0.010 min
Response: 1967418
Conc: 20.49 ug/ml



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

R.T.: 17.797 min
Delta R.T.: -0.010 min
Response: 1957177
Conc: 20.85 ug/ml



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

R.T.: 18.007 min
Delta R.T.: -0.010 min
Response: 2001163
Conc: 20.36 ug/ml