

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121318AR\
 Data File : FD026880.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2018 13:18
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 00:31:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 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...	7.375	1685073	20.461 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
6) S 2-Fluorobiphenyl (SURR)	8.225	1150797	20.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.73%
11) S ortho-Terphenyl (SURR)	11.270	1943317	20.505 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	1777546	20.133 ug/ml
2) T Naphthalene (C11.7)	5.710	1946884	20.453 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	1922588	20.440 ug/ml
5) T Acenaphthylene (C15.06)	8.028	1855117	20.337 ug/ml
7) T Acenaphthene (C15.5)	8.324	1944149	20.352 ug/ml
8) T Fluorene (C16.55)	9.103	1923566	20.274 ug/ml
9) T Phenanthrene (C19.36)	10.492	1946755	20.442 ug/ml
10) T Anthracene (C19.43)	10.566	1937205	20.504 ug/ml
12) T Fluoranthene (C21.85)	12.298	2025293	21.000 ug/ml
13) T Pyrene (C20.8)	12.591	2044655	21.149 ug/ml
14) T Benzo[a]anthracene (C...	14.462	2035518	21.607 ug/ml
15) T Chrysene (C27.41)	14.504	2049571	21.670 ug/ml
16) T benzo[b]fluoranthene ...	16.009	2109673	21.187 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	2098828	21.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	2100151	20.961 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	2062288	19.407 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	2041903	20.248 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	2097782	19.974 ug/ml

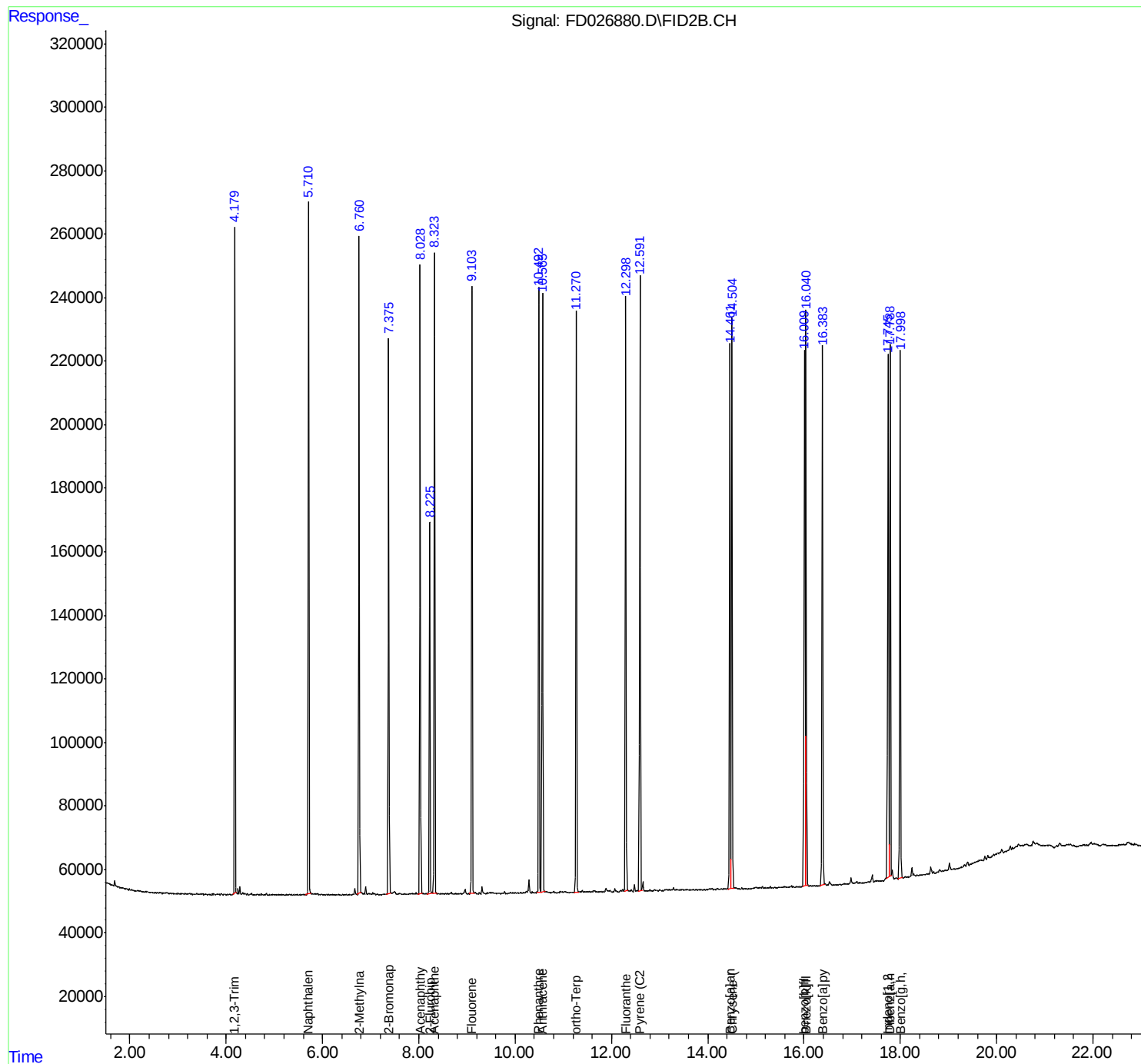
(f)=RT Delta > 1/2 Window

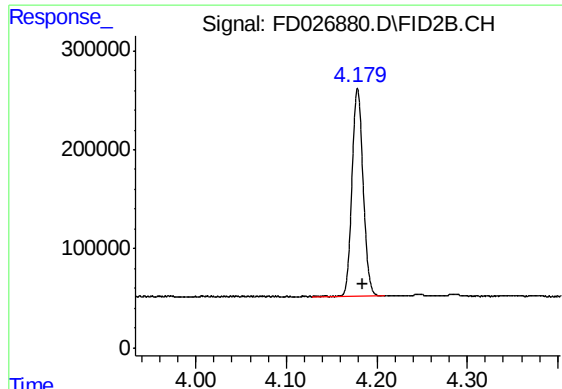
(m)=manual int.

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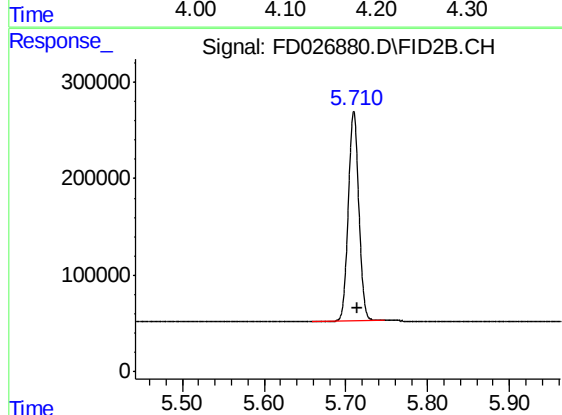
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





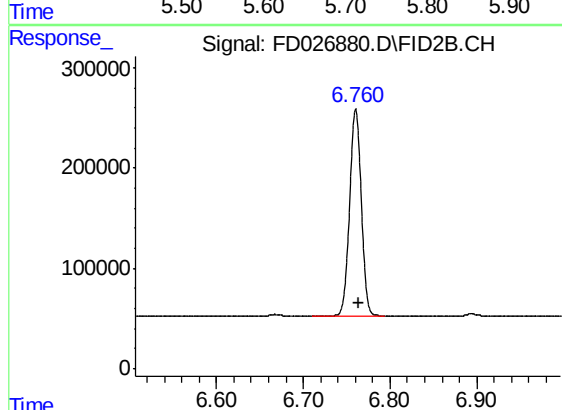
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.179 min
Delta R.T.: -0.005 min
Response: 1777546
Conc: 20.13 ug/ml



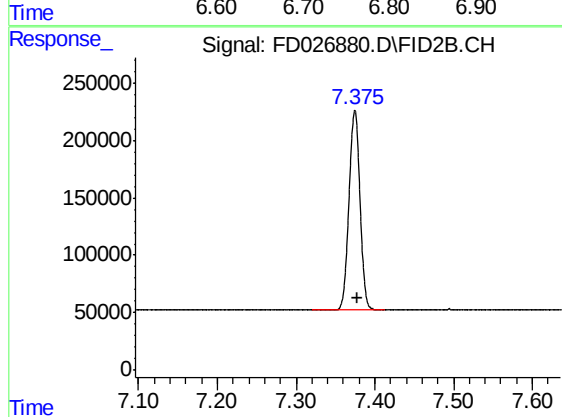
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 1946884
Conc: 20.45 ug/ml



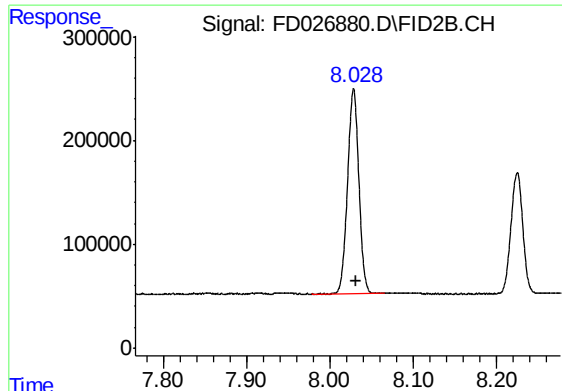
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 1922588
Conc: 20.44 ug/ml



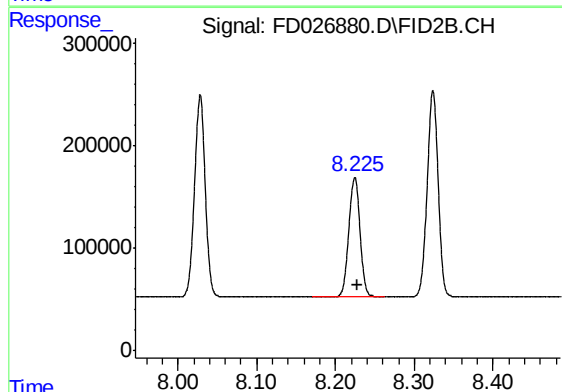
#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: -0.004 min
Response: 1685073
Conc: 20.46 ug/ml



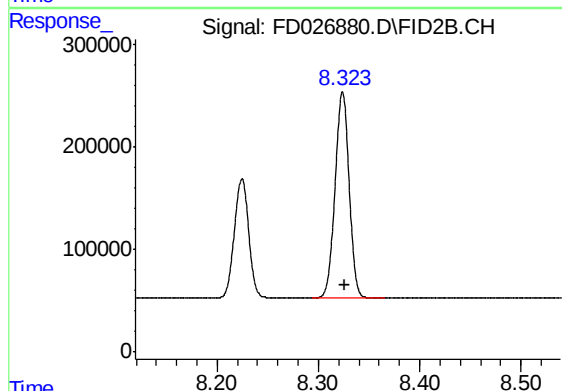
#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: -0.003 min
Response: 1855117
Conc: 20.34 ug/ml



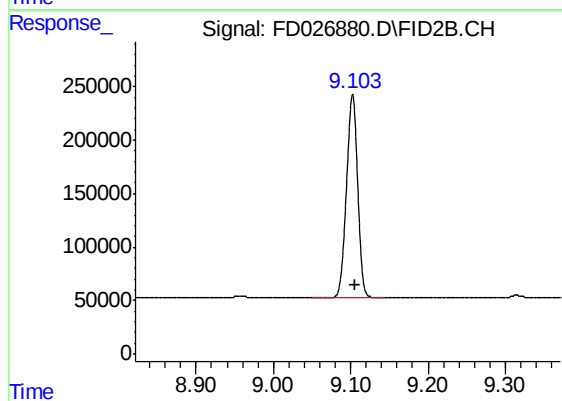
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 1150797
Conc: 20.37 ug/ml



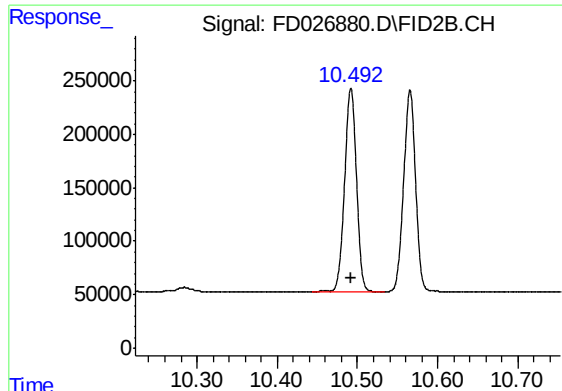
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.002 min
Response: 1944149
Conc: 20.35 ug/ml



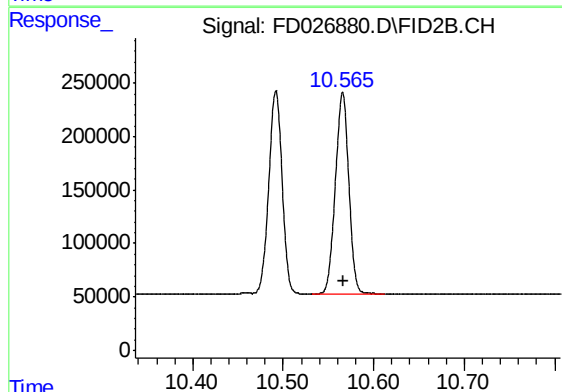
#8 Fluorene (C16.55)

R.T.: 9.103 min
Delta R.T.: -0.002 min
Response: 1923566
Conc: 20.27 ug/ml



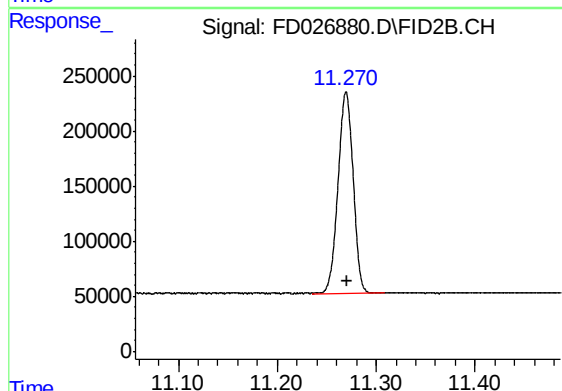
#9 Phenanthrene (C19.36)

R.T.: 10.492 min
Delta R.T.: 0.000 min
Response: 1946755
Conc: 20.44 ug/ml



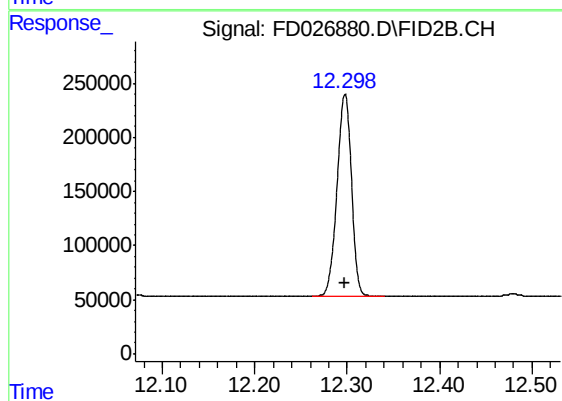
#10 Anthracene (C19.43)

R.T.: 10.566 min
Delta R.T.: 0.000 min
Response: 1937205
Conc: 20.50 ug/ml



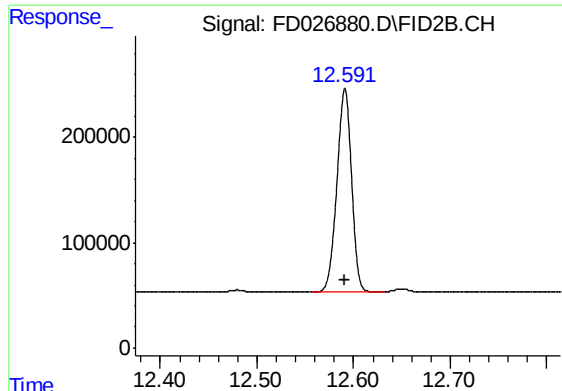
#11 ortho-Terphenyl (SURR)

R.T.: 11.270 min
Delta R.T.: 0.000 min
Response: 1943317
Conc: 20.50 ug/ml



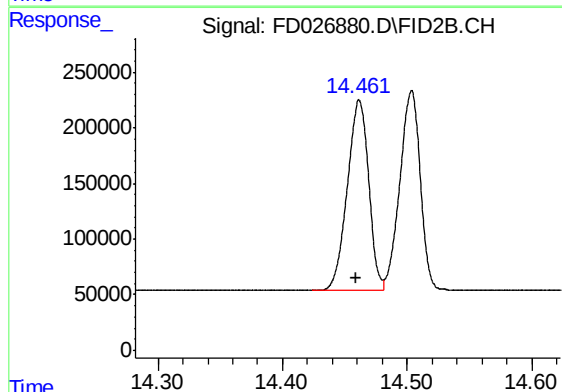
#12 Fluoranthene (C21.85)

R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 2025293
Conc: 21.00 ug/ml



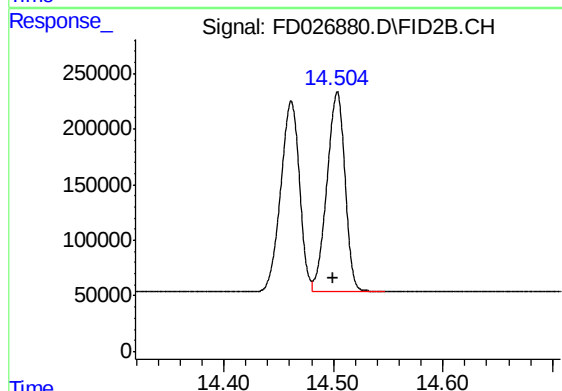
#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: 0.000 min
Response: 2044655
Conc: 21.15 ug/ml



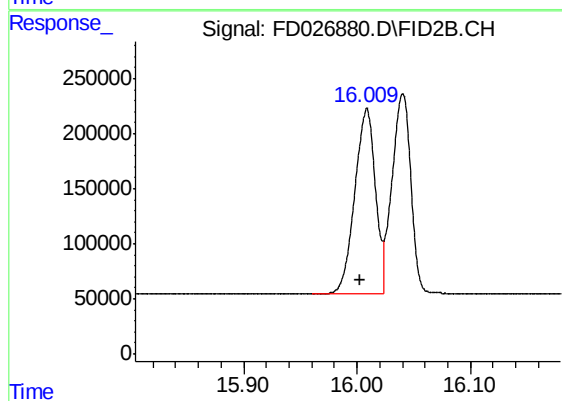
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: 0.003 min
Response: 2035518
Conc: 21.61 ug/ml



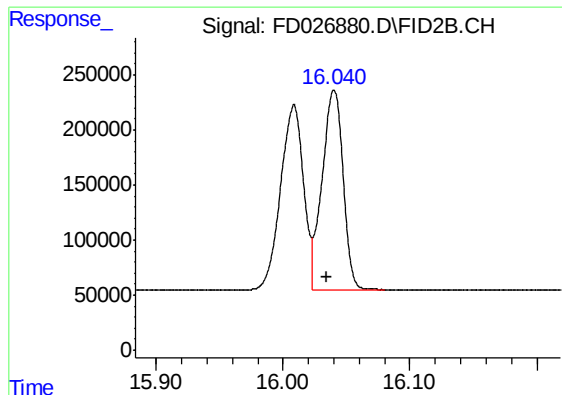
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: 0.004 min
Response: 2049571
Conc: 21.67 ug/ml



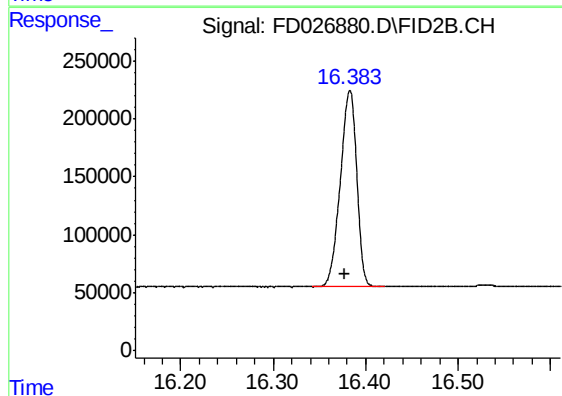
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.009 min
Delta R.T.: 0.006 min
Response: 2109673
Conc: 21.19 ug/ml



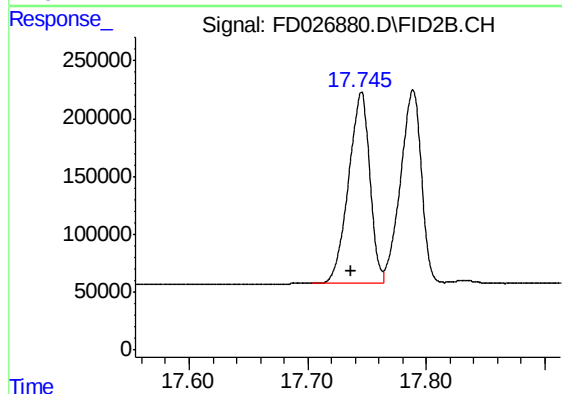
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: 0.006 min
Response: 2098828
Conc: 21.18 ug/ml



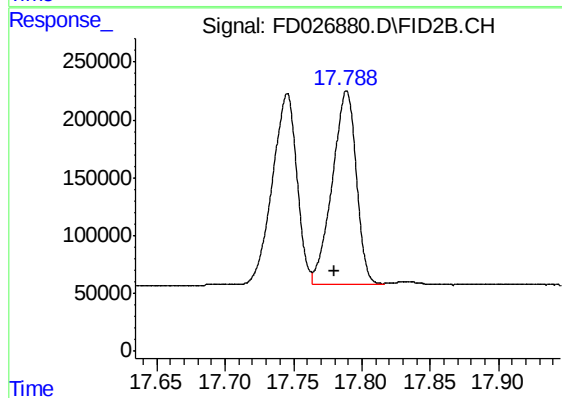
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.006 min
Response: 2100151
Conc: 20.96 ug/ml



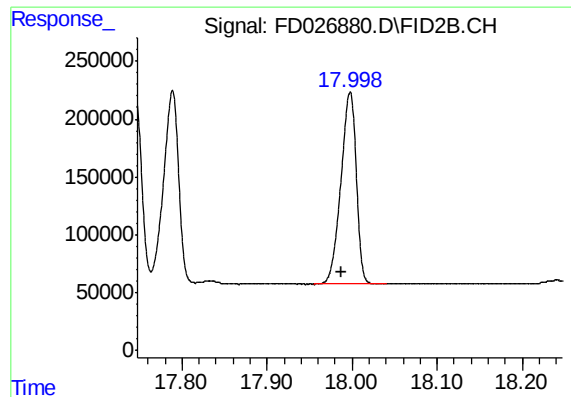
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.009 min
Response: 2062288
Conc: 19.41 ug/ml



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

R.T.: 17.789 min
Delta R.T.: 0.009 min
Response: 2041903
Conc: 20.25 ug/ml



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

R.T.: 17.998 min
Delta R.T.: 0.011 min
Response: 2097782
Conc: 19.97 ug/ml