

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042919AR\
 Data File : FD029083.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2019 14:53
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 30 01:35:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.085	1923066	19.280 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
6) S 2-Fluorobiphenyl (SURR)	7.951	1270305	18.537 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.07%
11) S ortho-Terphenyl (SURR)	10.989	2018393	18.944 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.911	1991182	21.062 ug/ml
2) T Naphthalene (C11.7)	5.432	2147892	20.099 ug/ml
3) T 2-Methylnaphthalene (...)	6.478	2133273	19.491 ug/ml
5) T Acenaphthylene (C15.06)	7.755	2003427	18.713 ug/ml
7) T Acenaphthene (C15.5)	8.050	2107206	18.748 ug/ml
8) T Fluorene (C16.55)	8.829	2051611	18.332 ug/ml
9) T Phenanthrene (C19.36)	10.226	1986272	18.502 ug/ml
10) T Anthracene (C19.43)	10.300	1973969	18.557 ug/ml
12) T Fluoranthene (C21.85)	12.037	2034030	20.243 ug/ml
13) T Pyrene (C20.8)	12.334	2054357	20.240 ug/ml
14) T Benzo[a]anthracene (C...	14.200	2056101	20.273 ug/ml
15) T Chrysene (C27.41)	14.243	2064626	20.253 ug/ml
16) T benzo[b]fluoranthene ...	15.748	2084225	19.426 ug/ml
17) T Bnezo[k]fluoranthene ...	15.780	2065603	19.453 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.127	2046253	19.157 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.486	1874221	17.353 ug/ml
20) T Dibenz[a,h]anthracene...	17.525	1820840	17.175 ug/ml
21) T Benzo[g,h,i]perylene ...	17.741	1949484	18.210 ug/ml

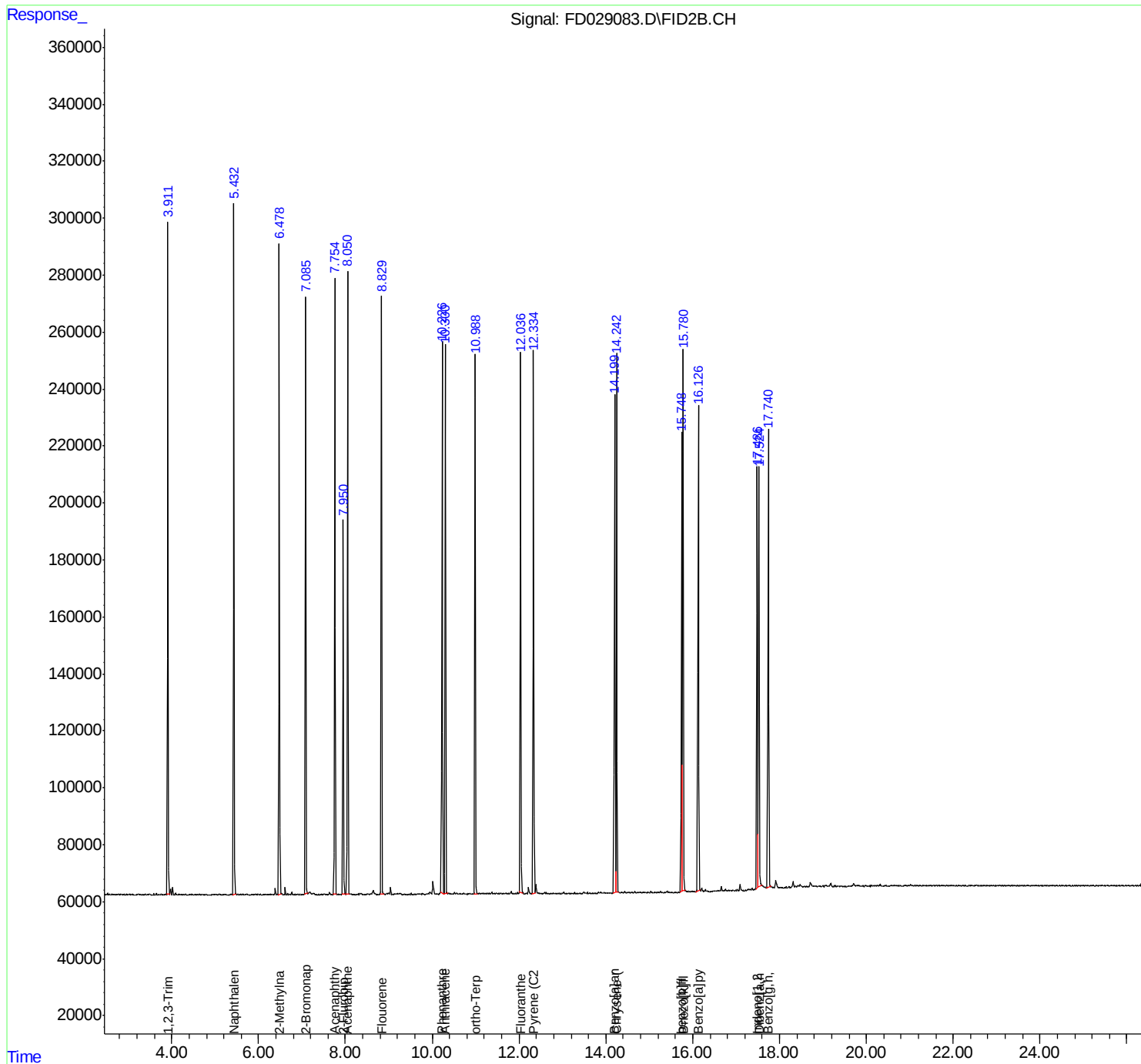
(f)=RT Delta > 1/2 Window

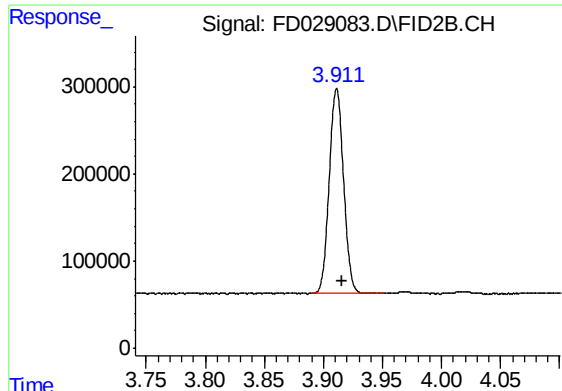
(m)=manual int.

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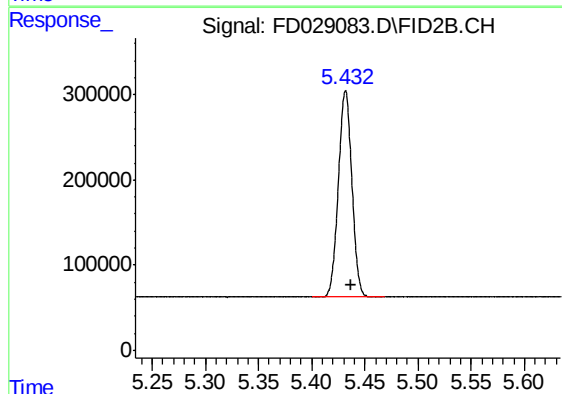
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





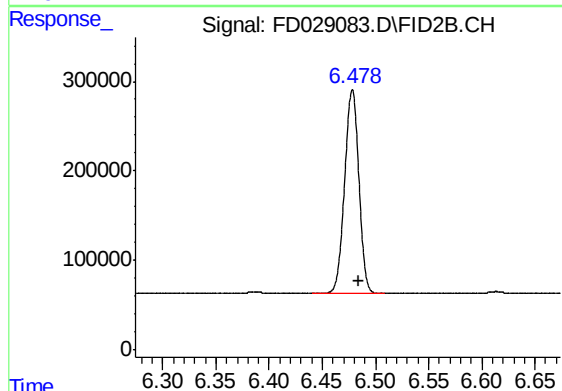
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.911 min
Delta R.T.: -0.005 min
Response: 1991182
Conc: 21.06 ug/ml



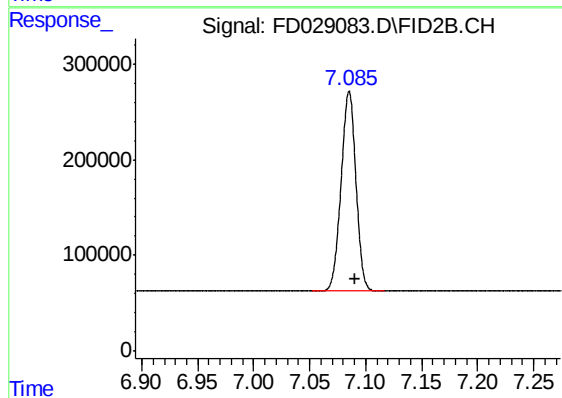
#2 Naphthalene (C11.7)

R.T.: 5.432 min
Delta R.T.: -0.005 min
Response: 2147892
Conc: 20.10 ug/ml



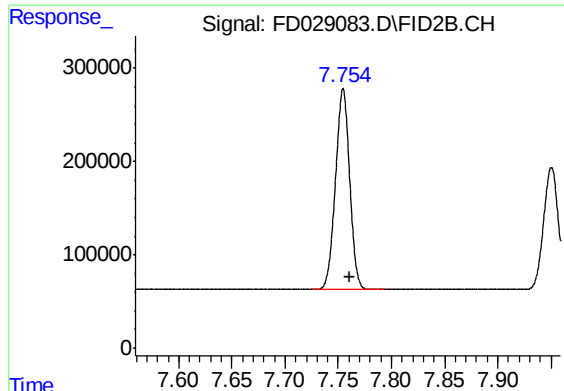
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 2133273
Conc: 19.49 ug/ml



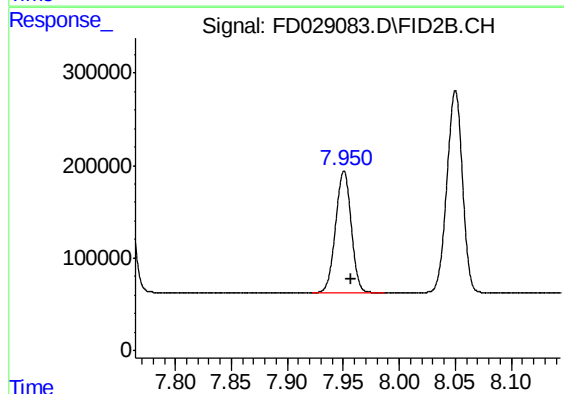
#4 2-Bromonaphthalene (SURR)

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 1923066
Conc: 19.28 ug/ml



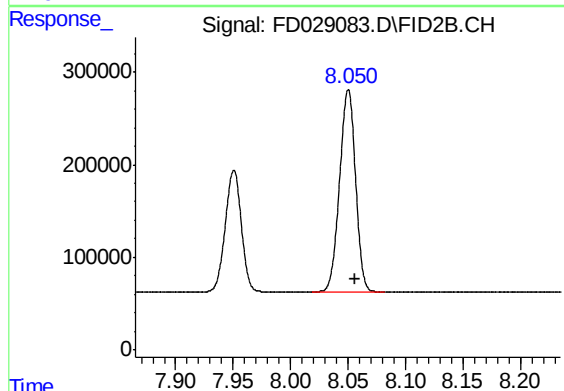
#5 Acenaphthylene (C15.06)

R.T.: 7.755 min
Delta R.T.: -0.006 min
Response: 2003427
Conc: 18.71 ug/ml



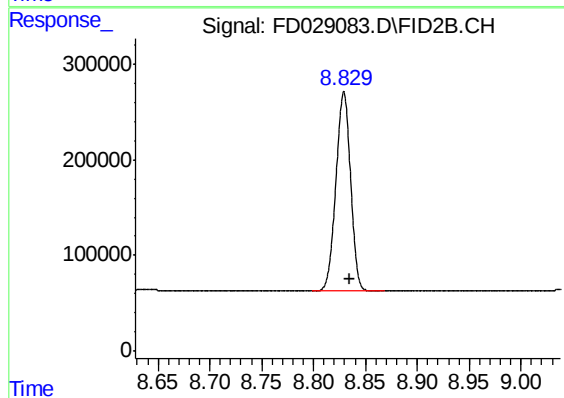
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.951 min
Delta R.T.: -0.006 min
Response: 1270305
Conc: 18.54 ug/ml



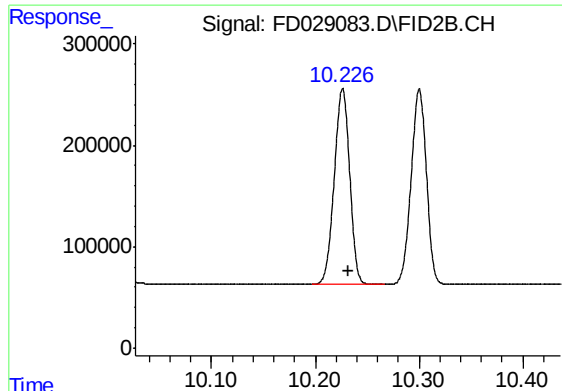
#7 Acenaphthene (C15.5)

R.T.: 8.050 min
Delta R.T.: -0.005 min
Response: 2107206
Conc: 18.75 ug/ml



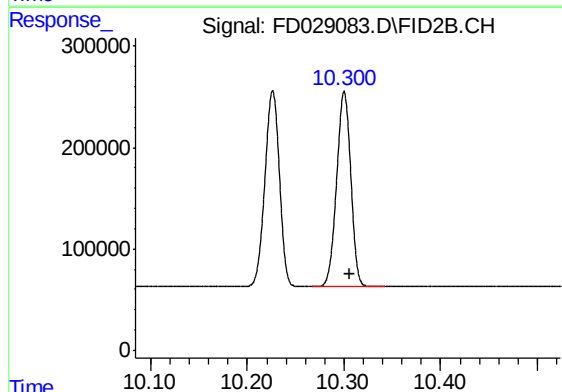
#8 Fluorene (C16.55)

R.T.: 8.829 min
Delta R.T.: -0.006 min
Response: 2051611
Conc: 18.33 ug/ml



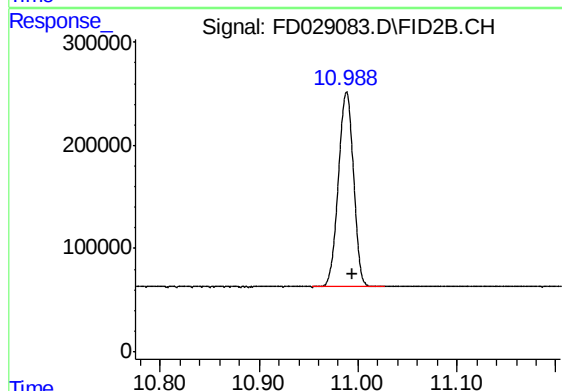
#9 Phenanthrene (C19.36)

R.T.: 10.226 min
Delta R.T.: -0.006 min
Response: 1986272
Conc: 18.50 ug/ml



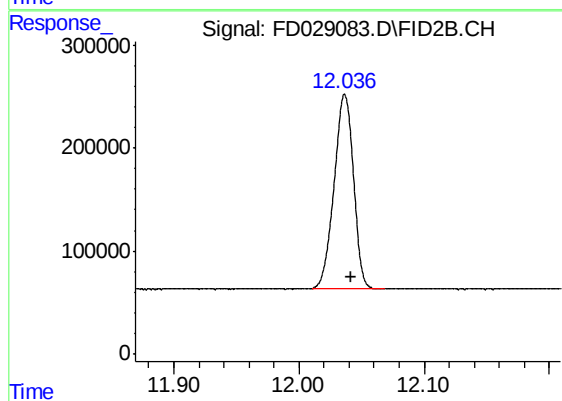
#10 Anthracene (C19.43)

R.T.: 10.300 min
Delta R.T.: -0.006 min
Response: 1973969
Conc: 18.56 ug/ml



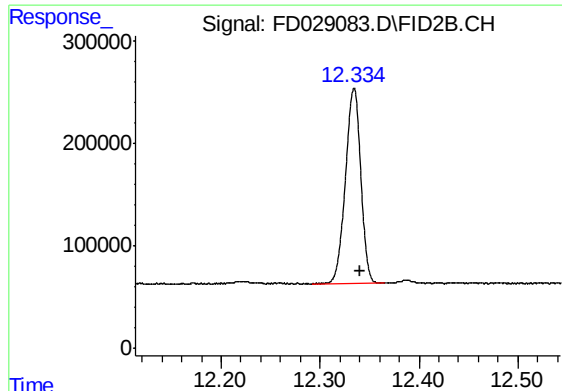
#11 ortho-Terphenyl (SURR)

R.T.: 10.989 min
Delta R.T.: -0.006 min
Response: 2018393
Conc: 18.94 ug/ml



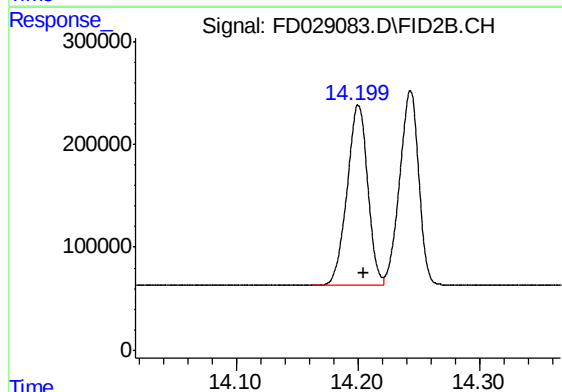
#12 Fluoranthene (C21.85)

R.T.: 12.037 min
Delta R.T.: -0.005 min
Response: 2034030
Conc: 20.24 ug/ml



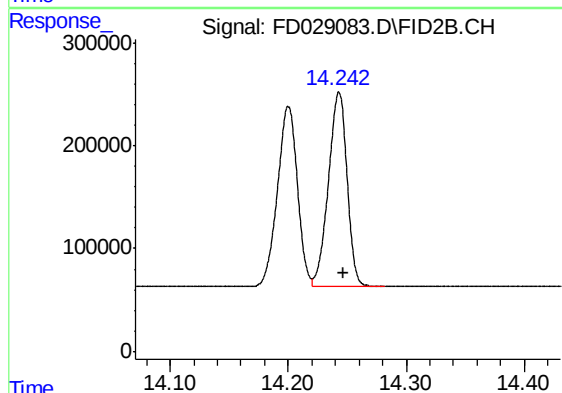
#13 Pyrene (C20.8)

R.T.: 12.334 min
Delta R.T.: -0.006 min
Response: 2054357
Conc: 20.24 ug/ml



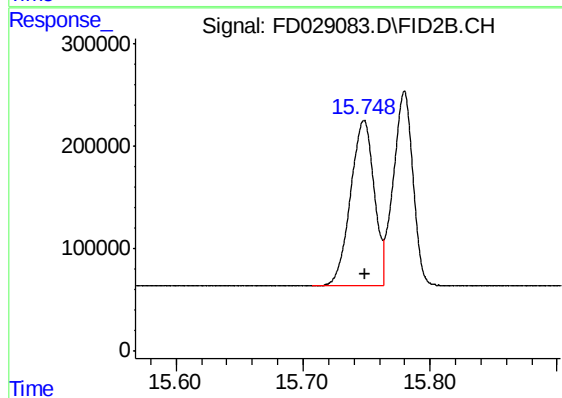
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.200 min
Delta R.T.: -0.004 min
Response: 2056101
Conc: 20.27 ug/ml



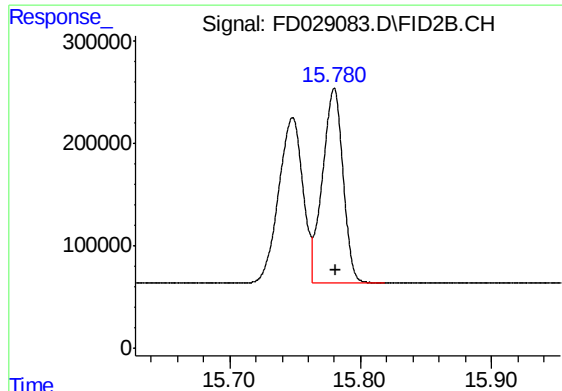
#15 Chrysene (C27.41)

R.T.: 14.243 min
Delta R.T.: -0.003 min
Response: 2064626
Conc: 20.25 ug/ml



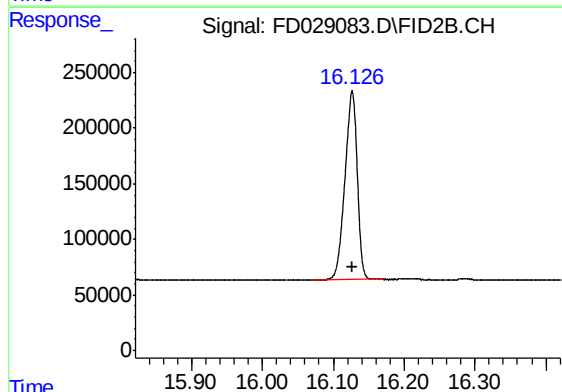
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.748 min
Delta R.T.: -0.001 min
Response: 2084225
Conc: 19.43 ug/ml



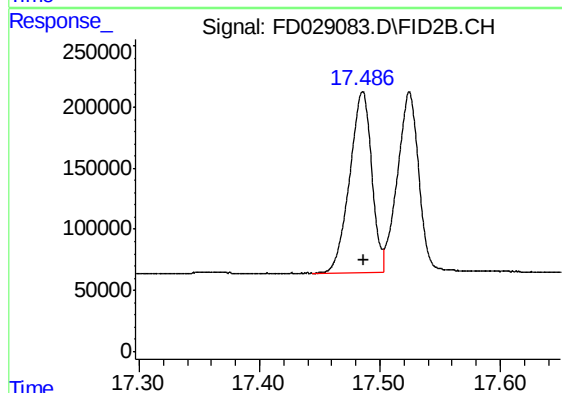
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.780 min
Delta R.T.: -0.001 min
Response: 2065603
Conc: 19.45 ug/ml



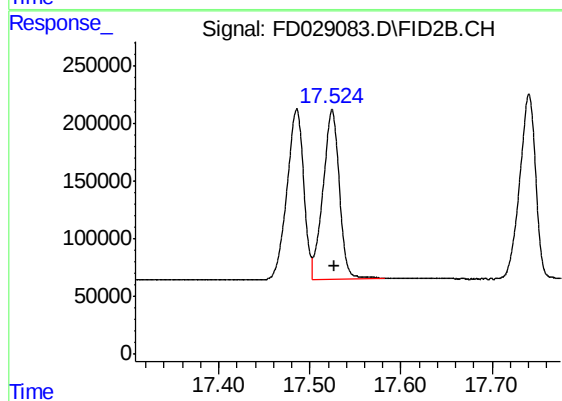
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.127 min
Delta R.T.: 0.000 min
Response: 2046253
Conc: 19.16 ug/ml



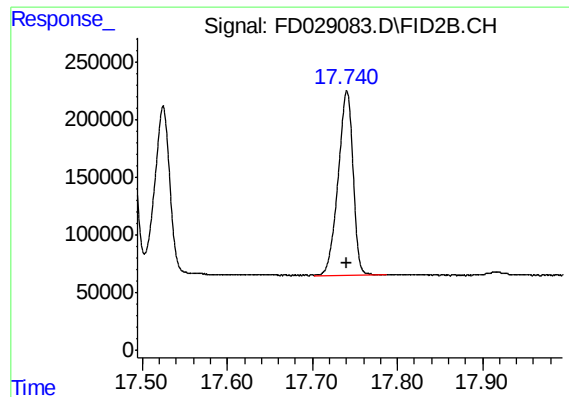
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.486 min
Delta R.T.: 0.000 min
Response: 1874221
Conc: 17.35 ug/ml



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

R.T.: 17.525 min
Delta R.T.: -0.002 min
Response: 1820840
Conc: 17.18 ug/ml



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

R.T.: 17.741 min
Delta R.T.: 0.000 min
Response: 1949484
Conc: 18.21 ug/ml