

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032819AR\
 Data File : FD028520.D
 Signal(s) : FID2B.CH
 Acq On : 28 Mar 2019 10:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 11:07:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.116	1877285	19.787 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
6) S 2-Fluorobiphenyl (SURR)	7.984	1270548	19.489 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.98%
11) S ortho-Terphenyl (SURR)	11.024	2079416	18.689 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.936	2005664	20.503 ug/ml
2) T Naphthalene (C11.7)	5.460	2146643	20.149 ug/ml
3) T 2-Methylnaphthalene (...)	6.508	2130615	19.916 ug/ml
5) T Acenaphthylene (C15.06)	7.787	2018271	19.490 ug/ml
7) T Acenaphthene (C15.5)	8.082	2111312	19.464 ug/ml
8) T Fluorene (C16.55)	8.863	2085007	19.178 ug/ml
9) T Phenanthrene (C19.36)	10.262	2025489	18.705 ug/ml
10) T Anthracene (C19.43)	10.336	2007135	18.684 ug/ml
12) T Fluoranthene (C21.85)	12.074	1988685	18.394 ug/ml
13) T Pyrene (C20.8)	12.373	1972993	18.322 ug/ml
14) T Benzo[a]anthracene (C...	14.240	1929193	18.400 ug/ml
15) T Chrysene (C27.41)	14.282	1927571	18.409 ug/ml
16) T benzo[b]fluoranthene ...	15.788	2003011	18.480 ug/ml
17) T Bnezo[k]fluoranthene ...	15.821	1984763	18.495 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.167	1996811	18.455 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.529	2030295	18.372 ug/ml
20) T Dibenz[a,h]anthracene...	17.569	2004815	18.650 ug/ml
21) T Benzo[g,h,i]perylene ...	17.786	2014390	18.587 ug/ml

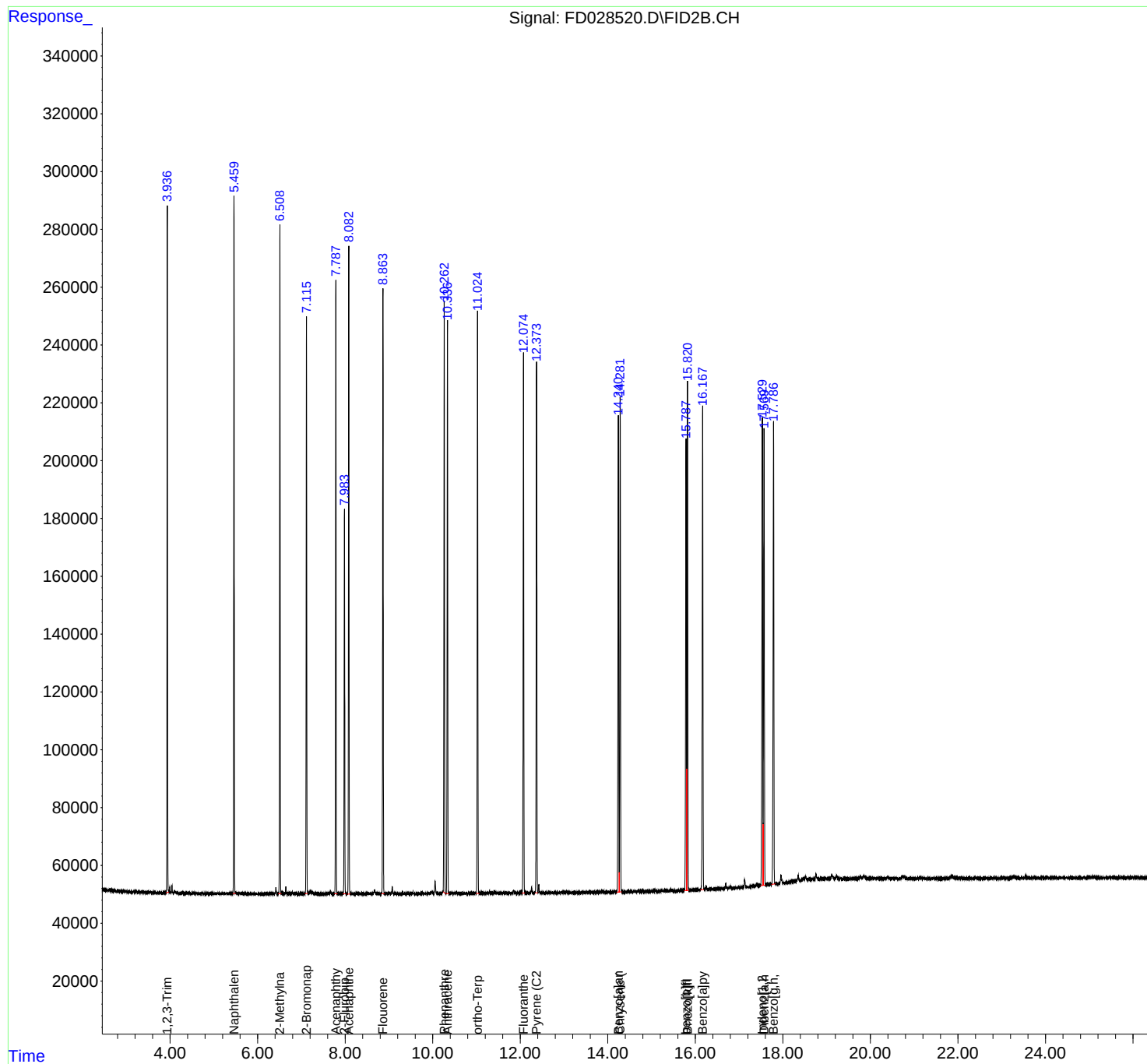
(f)=RT Delta > 1/2 Window

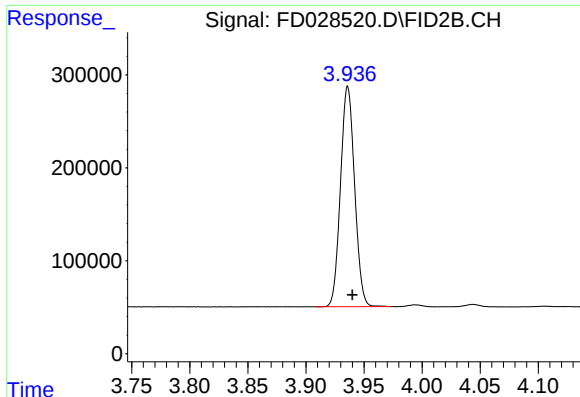
(m)=manual int.

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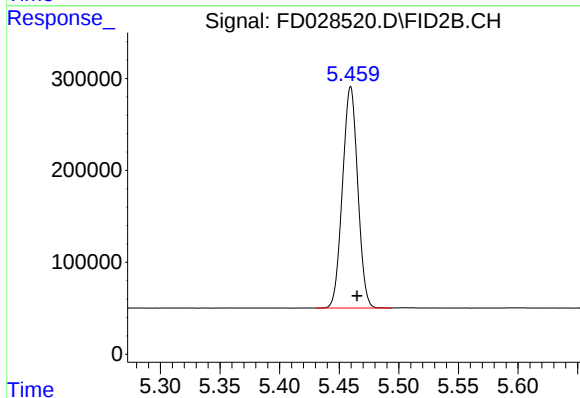
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Signal Info : 20M x 0.18mm x 0.18µm





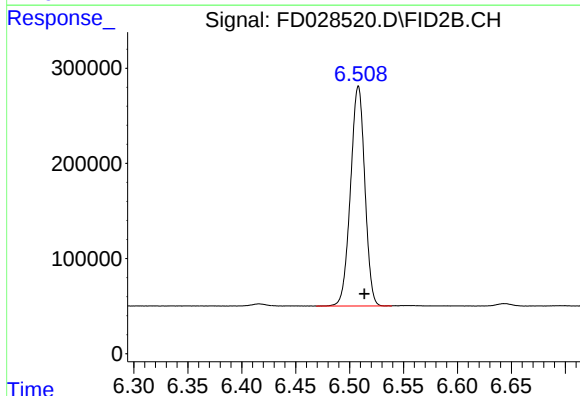
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.936 min
Delta R.T.: -0.004 min
Response: 2005664
Conc: 20.50 ug/ml



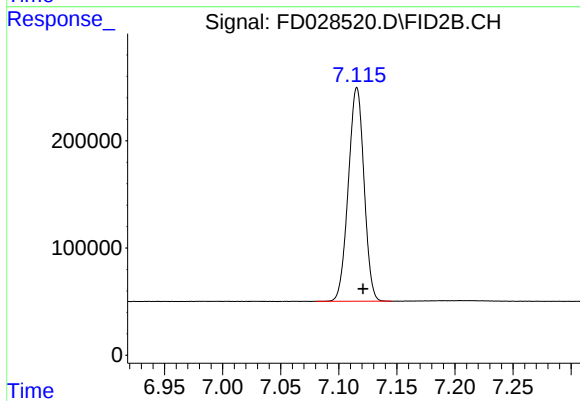
#2 Naphthalene (C11.7)

R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 2146643
Conc: 20.15 ug/ml



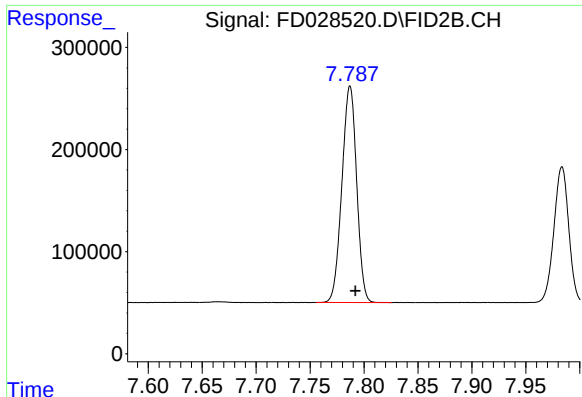
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 2130615
Conc: 19.92 ug/ml



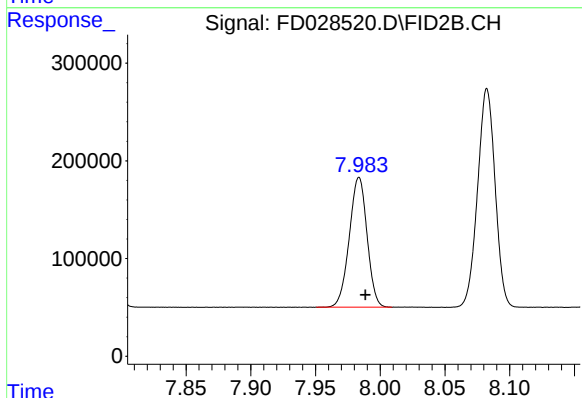
#4 2-Bromonaphthalene (SURR)

R.T.: 7.116 min
Delta R.T.: -0.005 min
Response: 1877285
Conc: 19.79 ug/ml



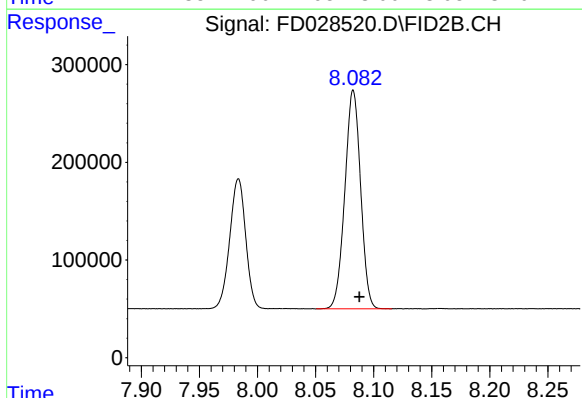
#5 Acenaphthylene (C15.06)

R.T.: 7.787 min
Delta R.T.: -0.005 min
Response: 2018271
Conc: 19.49 ug/ml



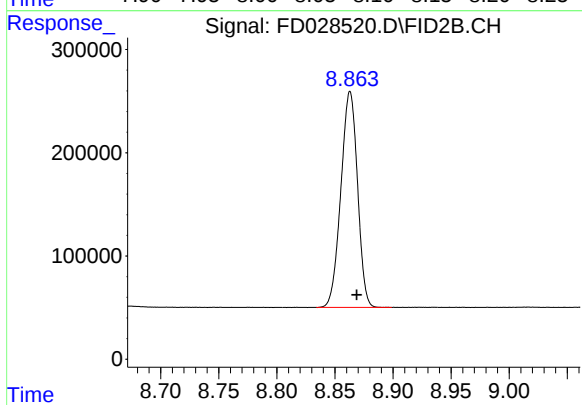
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.984 min
Delta R.T.: -0.005 min
Response: 1270548
Conc: 19.49 ug/ml



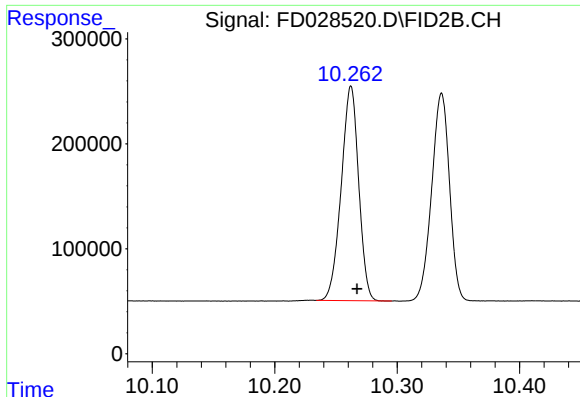
#7 Acenaphthene (C15.5)

R.T.: 8.082 min
Delta R.T.: -0.005 min
Response: 2111312
Conc: 19.46 ug/ml



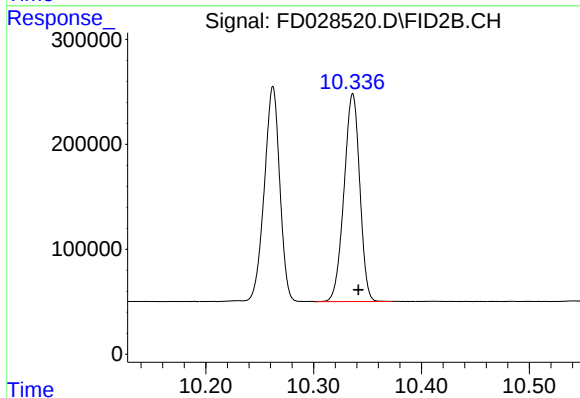
#8 Fluorene (C16.55)

R.T.: 8.863 min
Delta R.T.: -0.006 min
Response: 2085007
Conc: 19.18 ug/ml



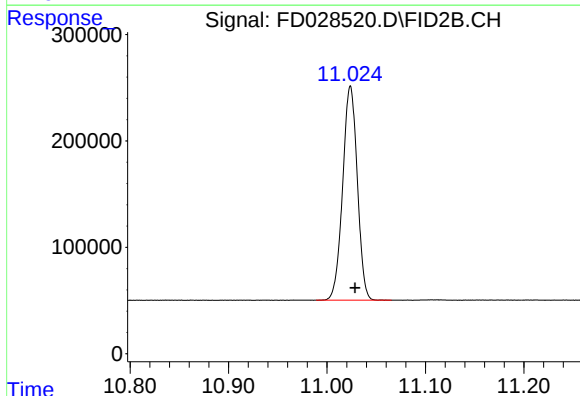
#9 Phenanthrene (C19.36)

R.T.: 10.262 min
Delta R.T.: -0.005 min
Response: 2025489
Conc: 18.70 ug/ml



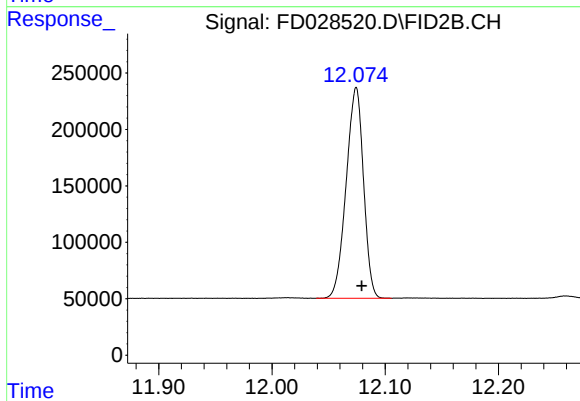
#10 Anthracene (C19.43)

R.T.: 10.336 min
Delta R.T.: -0.005 min
Response: 2007135
Conc: 18.68 ug/ml



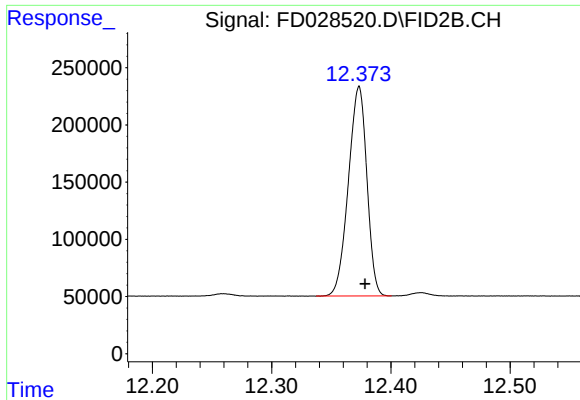
#11 ortho-Terphenyl (SURR)

R.T.: 11.024 min
Delta R.T.: -0.005 min
Response: 2079416
Conc: 18.69 ug/ml



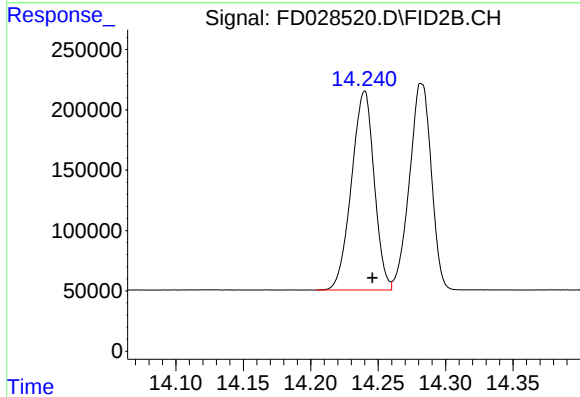
#12 Fluoranthene (C21.85)

R.T.: 12.074 min
Delta R.T.: -0.005 min
Response: 1988685
Conc: 18.39 ug/ml



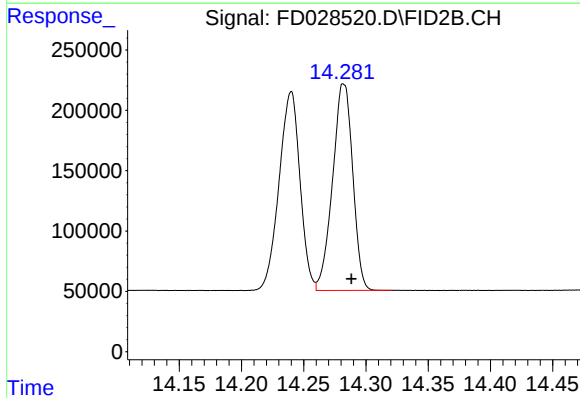
#13 Pyrene (C20.8)

R.T.: 12.373 min
Delta R.T.: -0.005 min
Response: 1972993
Conc: 18.32 ug/ml



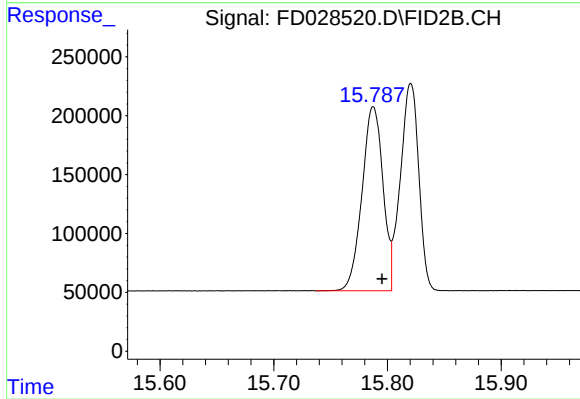
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.240 min
Delta R.T.: -0.006 min
Response: 1929193
Conc: 18.40 ug/ml



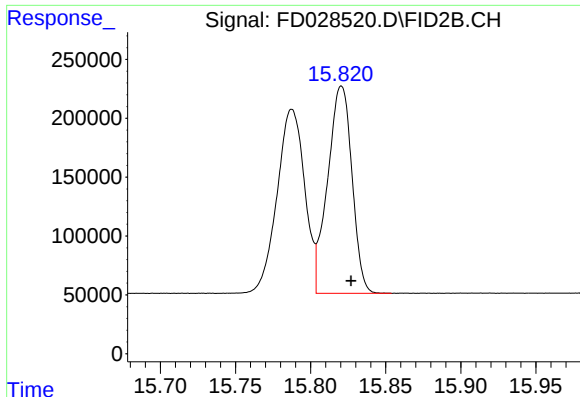
#15 Chrysene (C27.41)

R.T.: 14.282 min
Delta R.T.: -0.006 min
Response: 1927571
Conc: 18.41 ug/ml



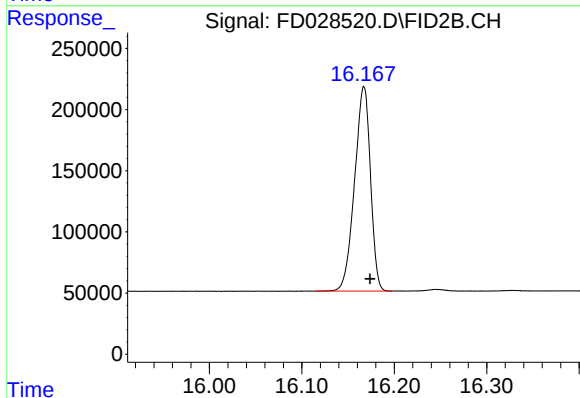
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.788 min
Delta R.T.: -0.008 min
Response: 2003011
Conc: 18.48 ug/ml



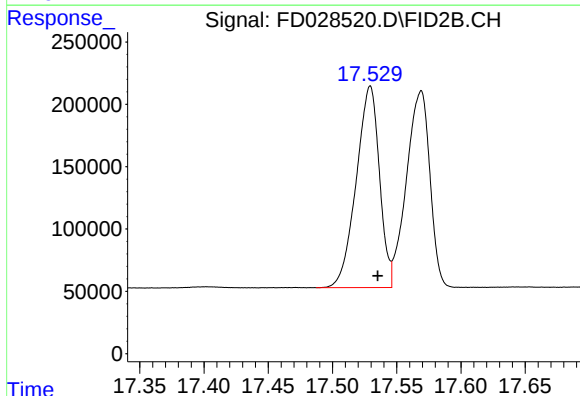
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.821 min
Delta R.T.: -0.006 min
Response: 1984763
Conc: 18.50 ug/ml



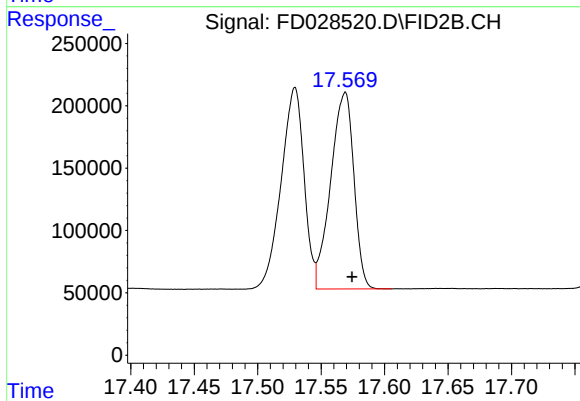
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.167 min
Delta R.T.: -0.007 min
Response: 1996811
Conc: 18.45 ug/ml



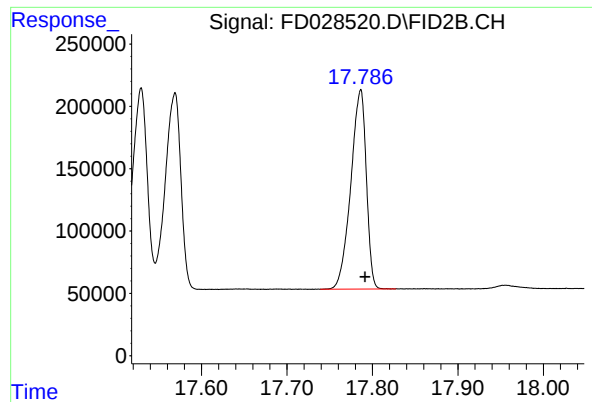
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.529 min
Delta R.T.: -0.006 min
Response: 2030295
Conc: 18.37 ug/ml



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

R.T.: 17.569 min
Delta R.T.: -0.006 min
Response: 2004815
Conc: 18.65 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.005 min
Response: 2014390
Conc: 18.59 ug/ml