

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120618AR\
 Data File : FD026761.D
 Signal(s) : FID2B.CH
 Acq On : 06 Dec 2018 12:18
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 06 13:07:12 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...	7.379	1683572	22.173 ug/ml
Spiked Amount 50.000		Recovery =	44.35%
6) S 2-Fluorobiphenyl (SURR)	8.229	1179235	22.552 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.10%
11) S ortho-Terphenyl (SURR)	11.274	2021051	23.844 ug/ml
Spiked Amount 50.000		Recovery =	47.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	1744328	21.853 ug/ml
2) T Naphthalene (C11.7)	5.713	1917163	21.845 ug/ml
3) T 2-Methylnaphthalene (...)	6.764	1916346	22.110 ug/ml
5) T Acenaphthylene (C15.06)	8.033	1904622	22.471 ug/ml
7) T Acenaphthene (C15.5)	8.328	1996340	22.580 ug/ml
8) T Fluorene (C16.55)	9.107	1993033	22.614 ug/ml
9) T Phenanthrene (C19.36)	10.497	2021351	23.025 ug/ml
10) T Anthracene (C19.43)	10.571	2010591	22.964 ug/ml
12) T Fluoranthene (C21.85)	12.303	2072544	23.797 ug/ml
13) T Pyrene (C20.8)	12.596	2076758	23.960 ug/ml
14) T Benzo[a]anthracene (C...	14.463	1954930	22.989 ug/ml
15) T Chrysene (C27.41)	14.505	1981366	23.121 ug/ml
16) T benzo[b]fluoranthene ...	16.009	2001448	21.500 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.041	2018491	21.798 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	1970937	20.882 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	1912546	19.917 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	1843703	19.642 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	1986267	20.204 ug/ml

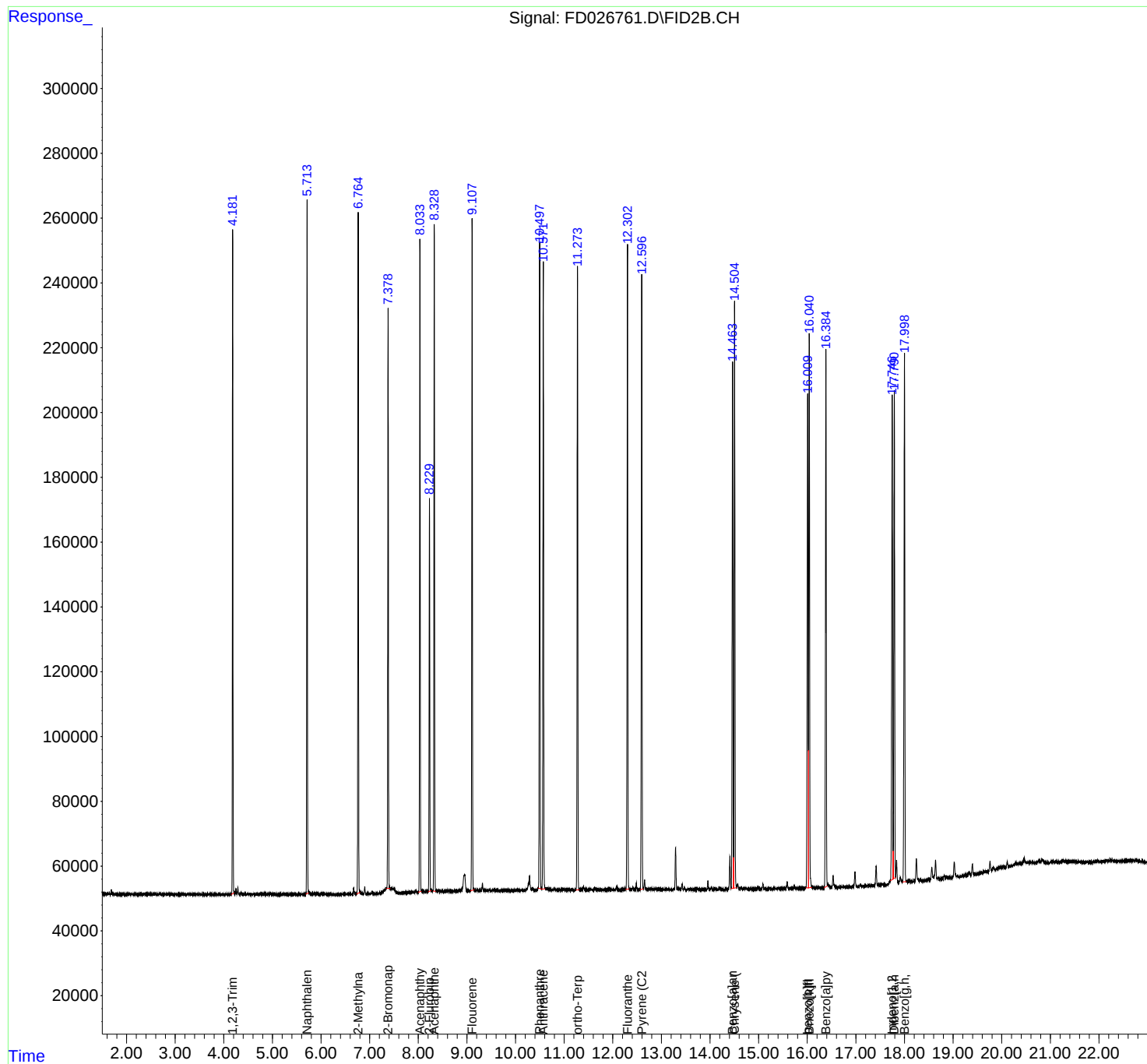
(f)=RT Delta > 1/2 Window

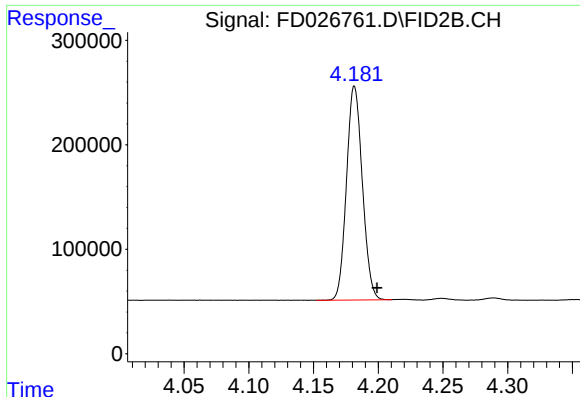
(m)=manual int.

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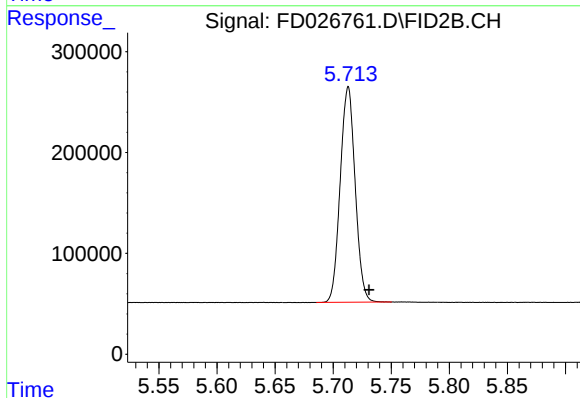
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





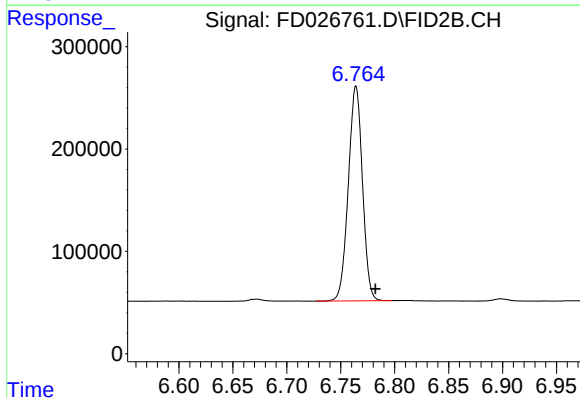
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.182 min
Delta R.T.: -0.017 min
Response: 1744328
Conc: 21.85 ug/ml



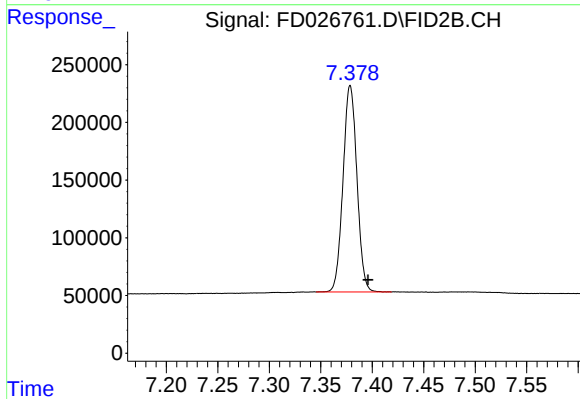
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.018 min
Response: 1917163
Conc: 21.85 ug/ml



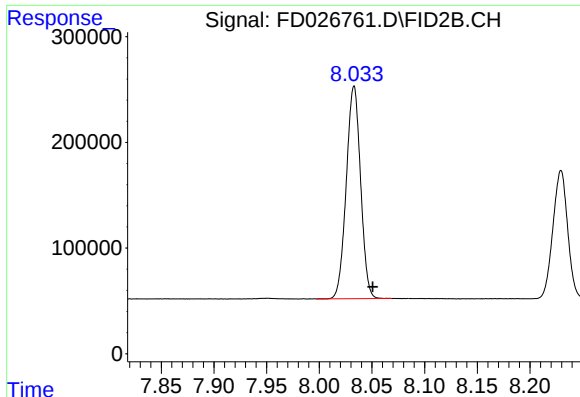
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: -0.018 min
Response: 1916346
Conc: 22.11 ug/ml



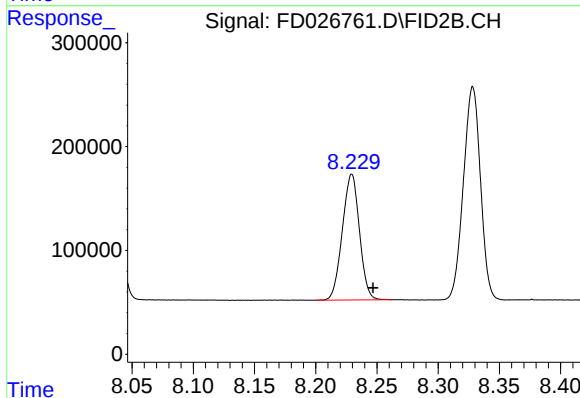
#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min
Delta R.T.: -0.017 min
Response: 1683572
Conc: 22.17 ug/ml



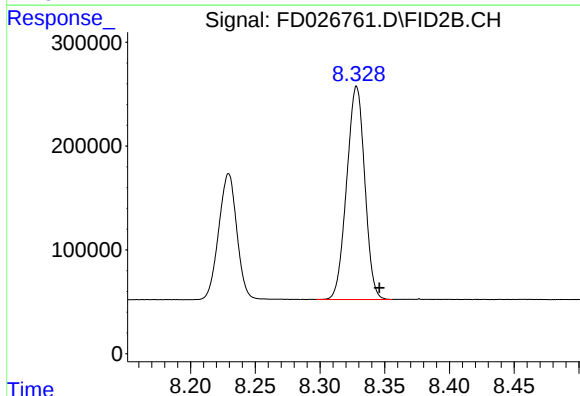
#5 Acenaphthylene (C15.06)

R.T.: 8.033 min
Delta R.T.: -0.018 min
Response: 1904622
Conc: 22.47 ug/ml



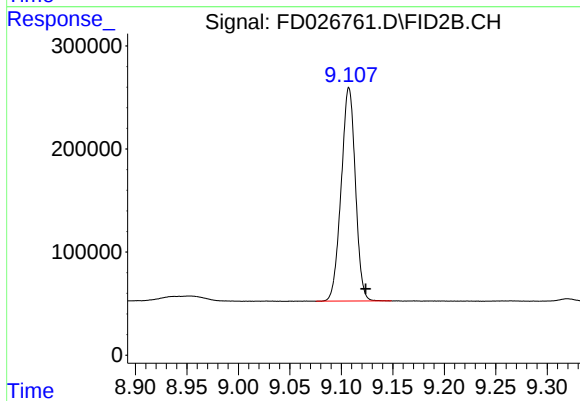
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.017 min
Response: 1179235
Conc: 22.55 ug/ml



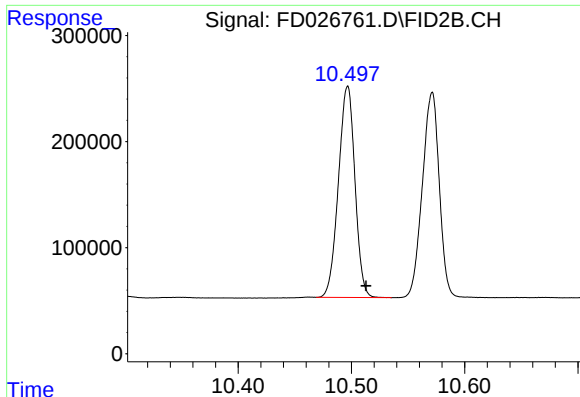
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: -0.018 min
Response: 1996340
Conc: 22.58 ug/ml



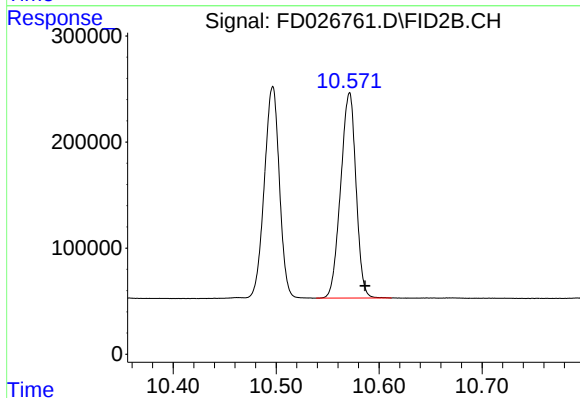
#8 Fluorene (C16.55)

R.T.: 9.107 min
Delta R.T.: -0.016 min
Response: 1993033
Conc: 22.61 ug/ml



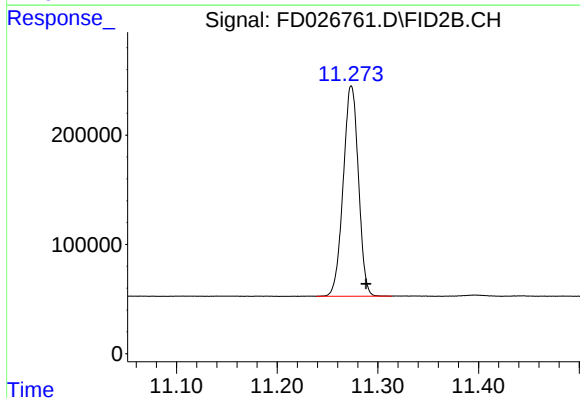
#9 Phenanthrene (C19.36)

R.T.: 10.497 min
Delta R.T.: -0.016 min
Response: 2021351
Conc: 23.02 ug/ml



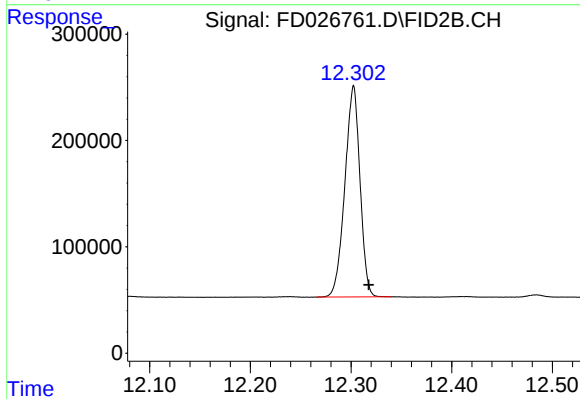
#10 Anthracene (C19.43)

R.T.: 10.571 min
Delta R.T.: -0.015 min
Response: 2010591
Conc: 22.96 ug/ml



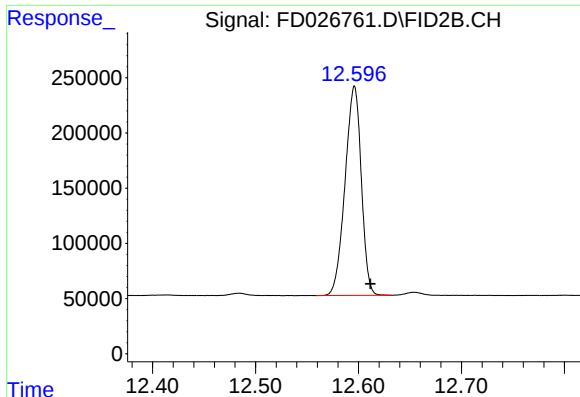
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.015 min
Response: 2021051
Conc: 23.84 ug/ml



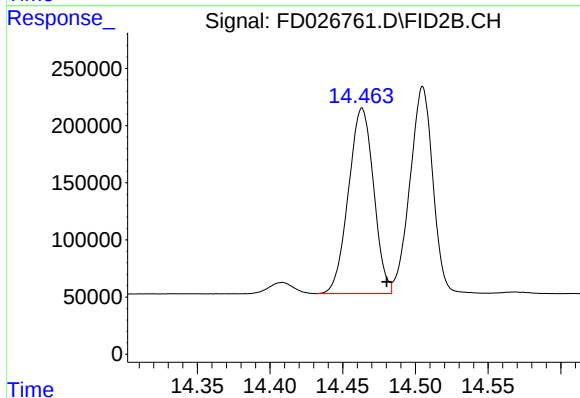
#12 Fluoranthene (C21.85)

R.T.: 12.303 min
Delta R.T.: -0.015 min
Response: 2072544
Conc: 23.80 ug/ml



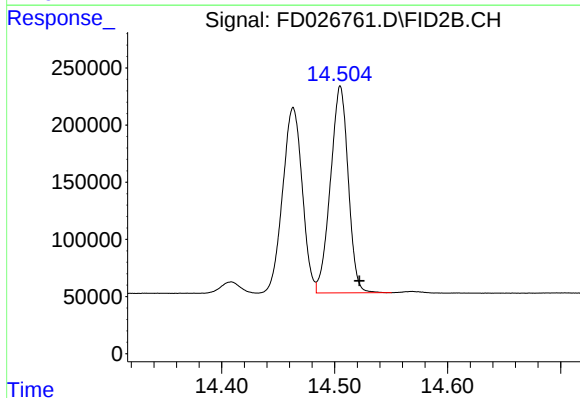
#13 Pyrene (C20.8)

R.T.: 12.596 min
Delta R.T.: -0.015 min
Response: 2076758
Conc: 23.96 ug/ml



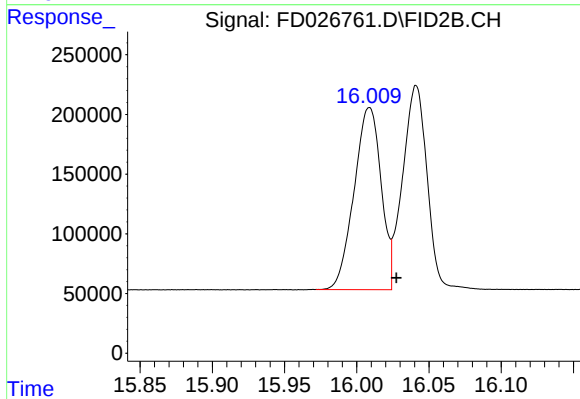
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.463 min
Delta R.T.: -0.017 min
Response: 1954930
Conc: 22.99 ug/ml



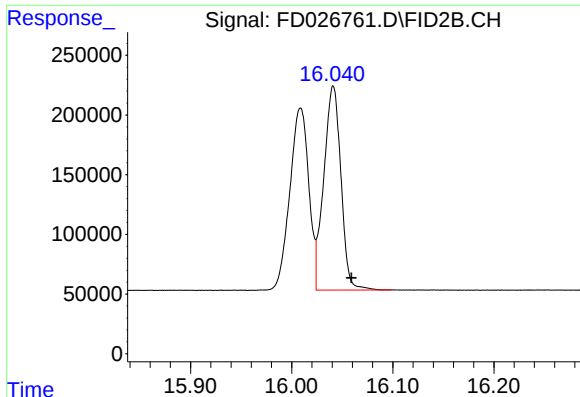
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: -0.017 min
Response: 1981366
Conc: 23.12 ug/ml



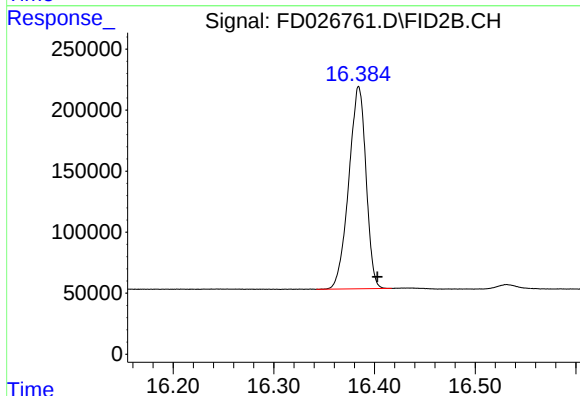
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.009 min
Delta R.T.: -0.019 min
Response: 2001448
Conc: 21.50 ug/ml m



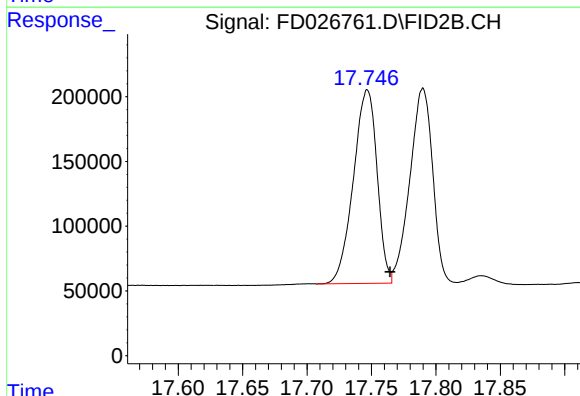
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: -0.018 min
Response: 2018491
Conc: 21.80 ug/ml



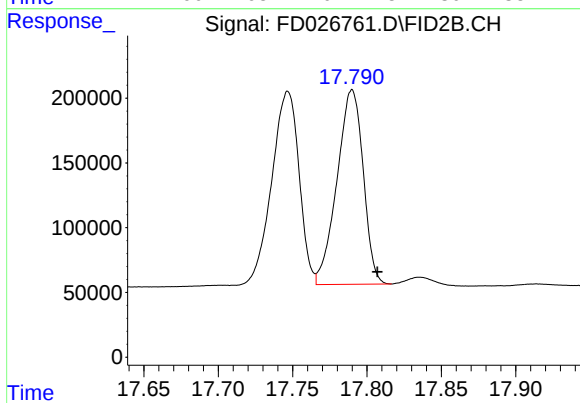
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.018 min
Response: 1970937
Conc: 20.88 ug/ml



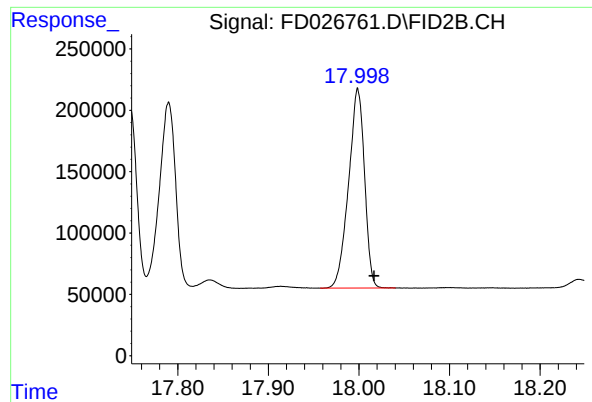
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.018 min
Response: 1912546
Conc: 19.92 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.017 min
Response: 1843703
Conc: 19.64 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.018 min
Response: 1986267
Conc: 20.20 ug/ml