

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041919AR\
 Data File : FD028994.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2019 9:22
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 12:10:57 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...	7.092	1836996	18.417 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
6) S 2-Fluorobiphenyl (SURR)	7.958	1209380	17.648 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.30%
11) S ortho-Terphenyl (SURR)	10.996	1849716	17.361 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.916	2019346	21.360 ug/ml
2) T Naphthalene (C11.7)	5.438	2114726	19.789 ug/ml
3) T 2-Methylnaphthalene (...)	6.485	2063312	18.852 ug/ml
5) T Acenaphthylene (C15.06)	7.762	1909771	17.839 ug/ml
7) T Acenaphthene (C15.5)	8.057	1990470	17.709 ug/ml
8) T Fluorene (C16.55)	8.837	1940157	17.336 ug/ml
9) T Phenanthrene (C19.36)	10.234	1878843	17.502 ug/ml
10) T Anthracene (C19.43)	10.309	1874033	17.617 ug/ml
12) T Fluoranthene (C21.85)	12.045	1953770	19.444 ug/ml
13) T Pyrene (C20.8)	12.344	2010130	19.805 ug/ml
14) T Benzo[a]anthracene (C...	14.211	2099160	20.698 ug/ml
15) T Chrysene (C27.41)	14.254	2103647	20.636 ug/ml
16) T benzo[b]fluoranthene ...	15.758	2163750	20.167 ug/ml
17) T Bnezo[k]fluoranthene ...	15.790	2154768	20.293 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.137	2158084	20.204 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.498	2171268	20.103 ug/ml
20) T Dibenz[a,h]anthracene...	17.537	2147408	20.256 ug/ml
21) T Benzo[g,h,i]perylene ...	17.753	2155813	20.138 ug/ml

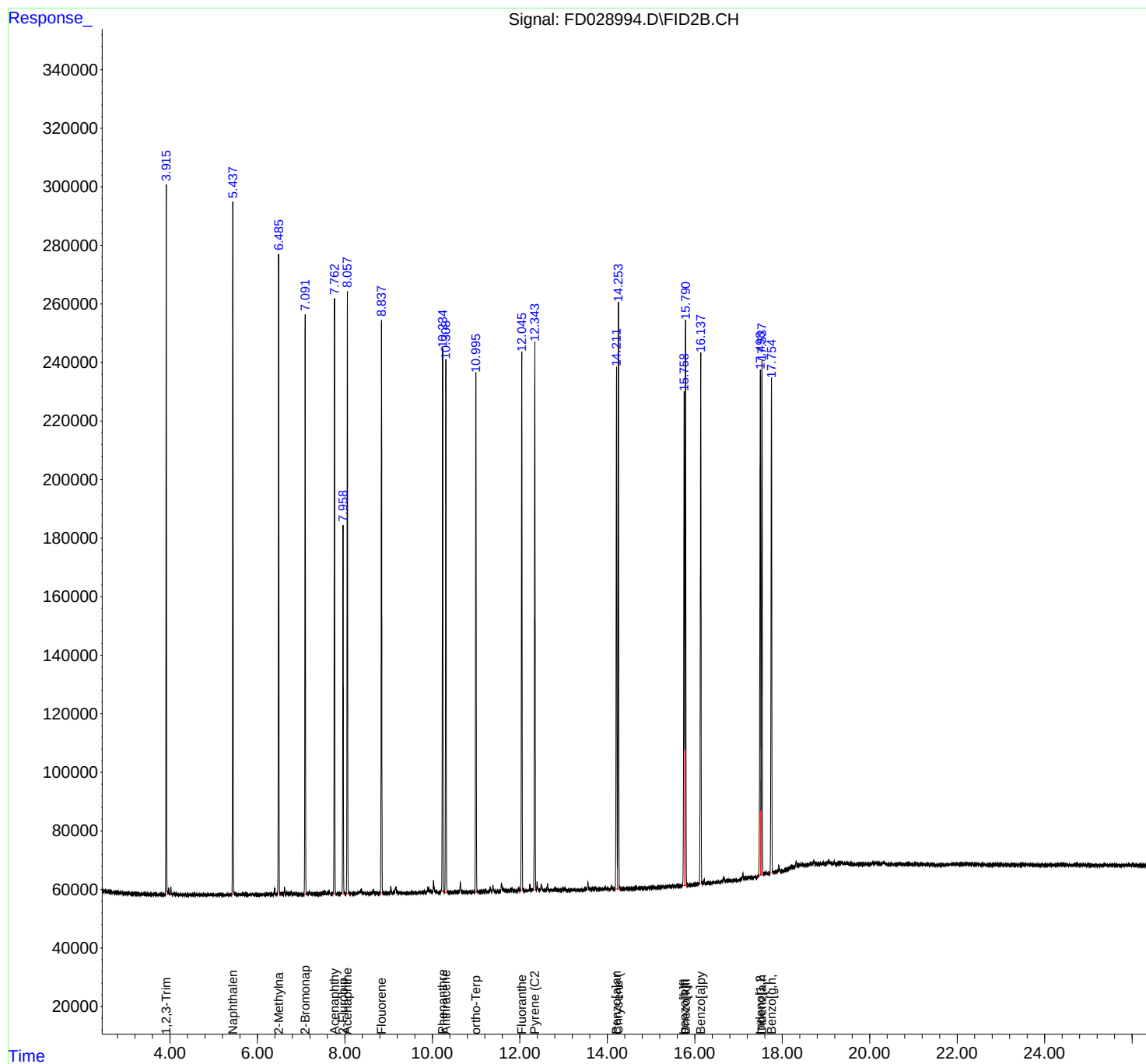
(f)=RT Delta > 1/2 Window

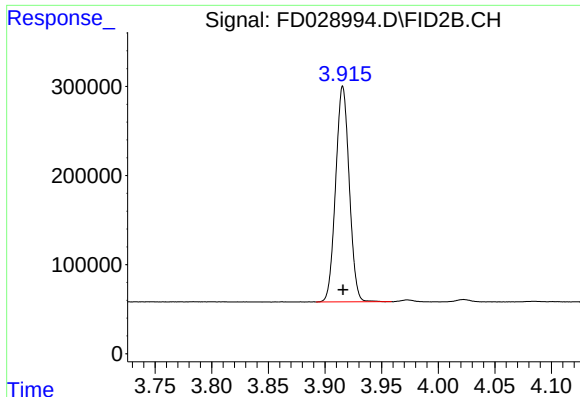
(m)=manual int.

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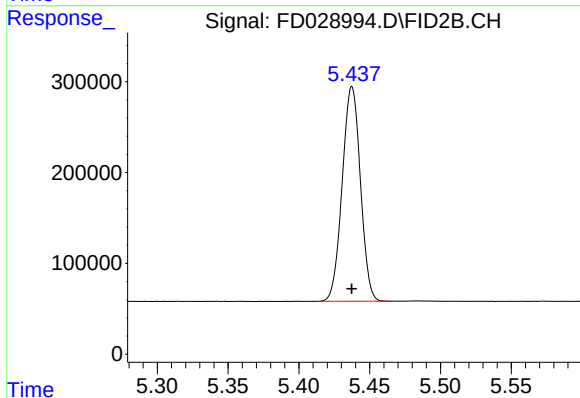
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Signal Info : 20M x 0.18mm x 0.18µm





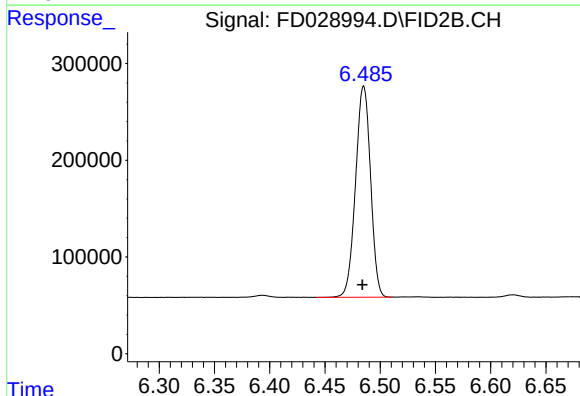
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 2019346
Conc: 21.36 ug/ml



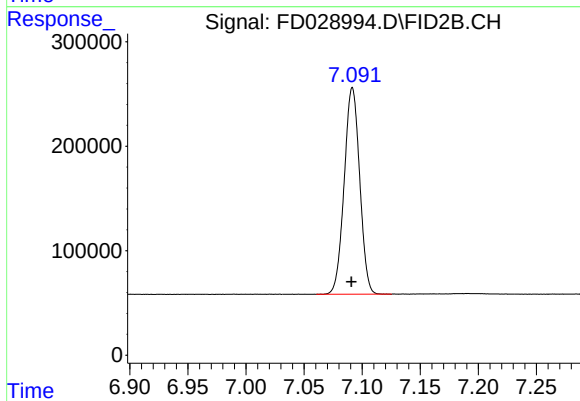
#2 Naphthalene (C11.7)

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 2114726
Conc: 19.79 ug/ml



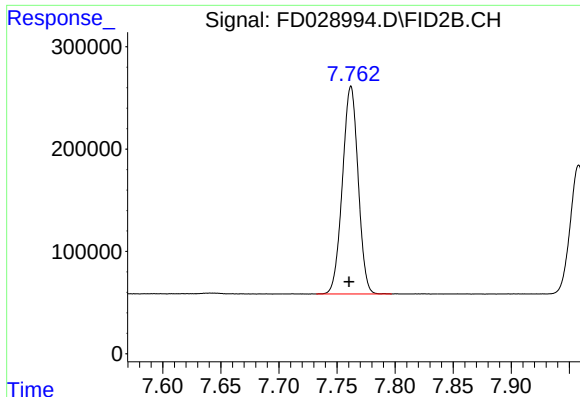
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.485 min
Delta R.T.: 0.001 min
Response: 2063312
Conc: 18.85 ug/ml



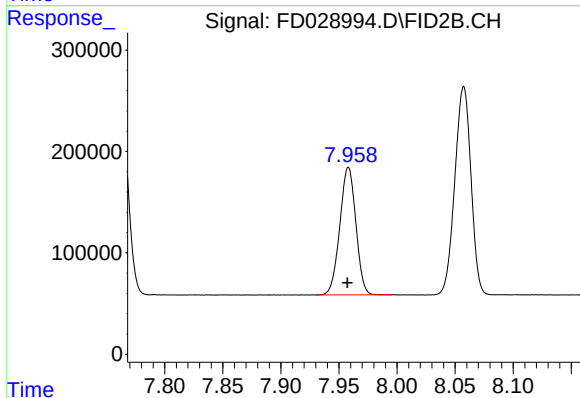
#4 2-Bromonaphthalene (SURR)

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 1836996
Conc: 18.42 ug/ml



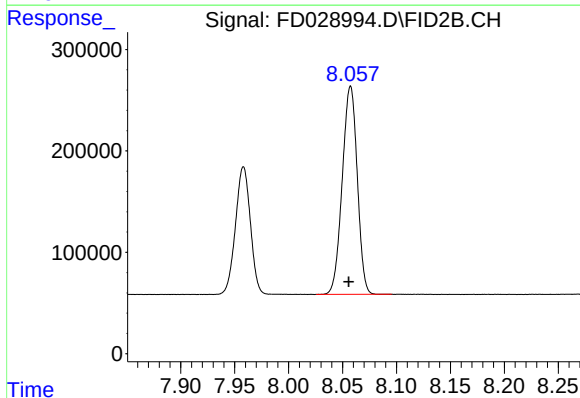
#5 Acenaphthylene (C15.06)

R.T.: 7.762 min
Delta R.T.: 0.002 min
Response: 1909771
Conc: 17.84 ug/ml



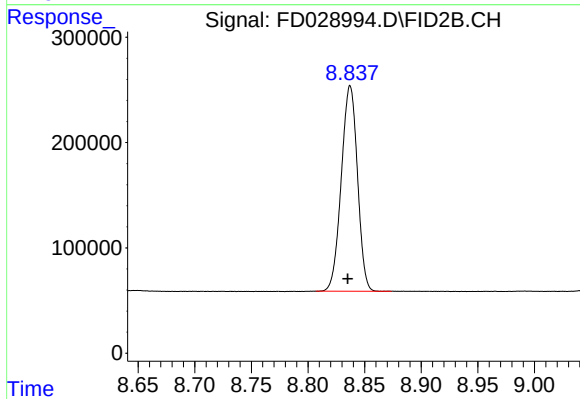
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.958 min
Delta R.T.: 0.001 min
Response: 1209380
Conc: 17.65 ug/ml



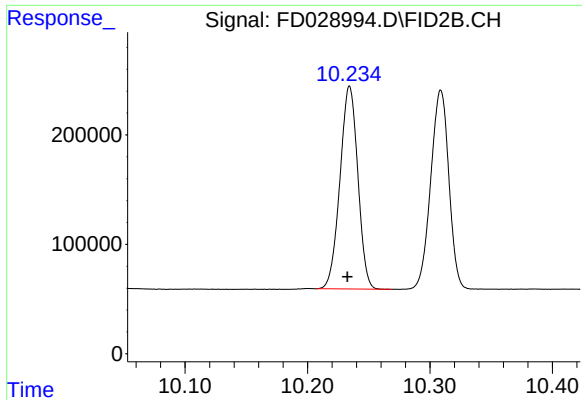
#7 Acenaphthene (C15.5)

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 1990470
Conc: 17.71 ug/ml



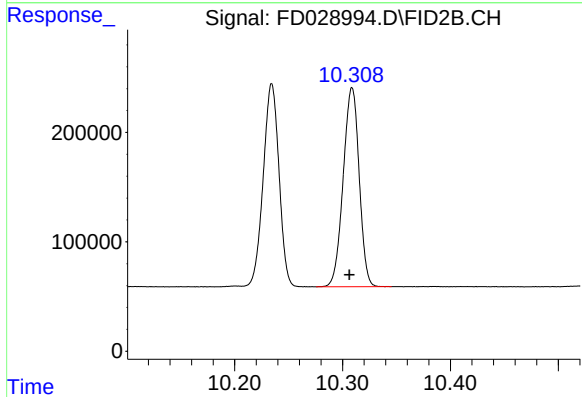
#8 Flouorene (C16.55)

R.T.: 8.837 min
Delta R.T.: 0.002 min
Response: 1940157
Conc: 17.34 ug/ml



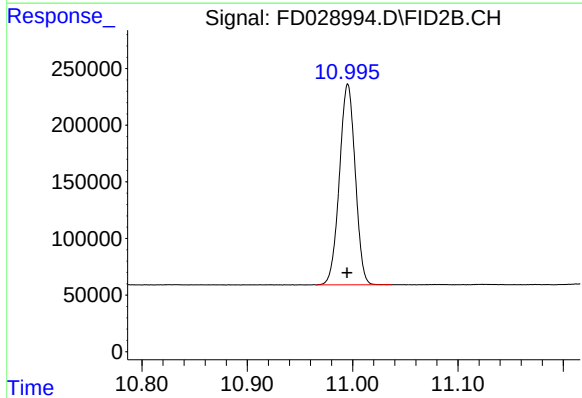
#9 Phenanthrene (C19.36)

R.T.: 10.234 min
Delta R.T.: 0.002 min
Response: 1878843
Conc: 17.50 ug/ml



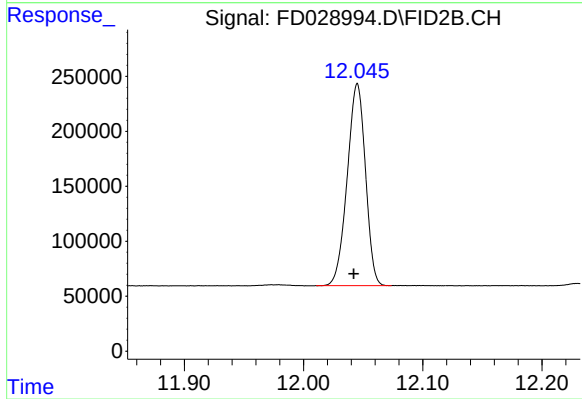
#10 Anthracene (C19.43)

R.T.: 10.309 min
Delta R.T.: 0.003 min
Response: 1874033
Conc: 17.62 ug/ml



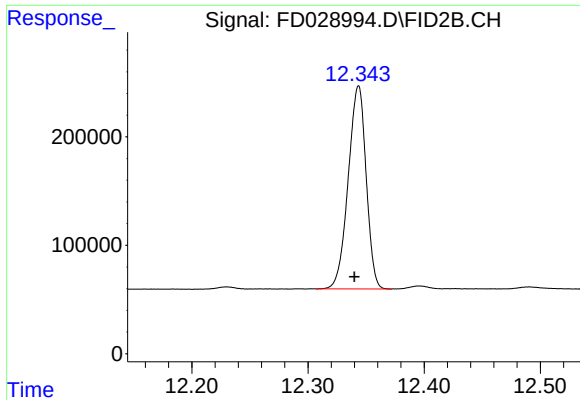
#11 ortho-Terphenyl (SURR)

R.T.: 10.996 min
Delta R.T.: 0.000 min
Response: 1849716
Conc: 17.36 ug/ml



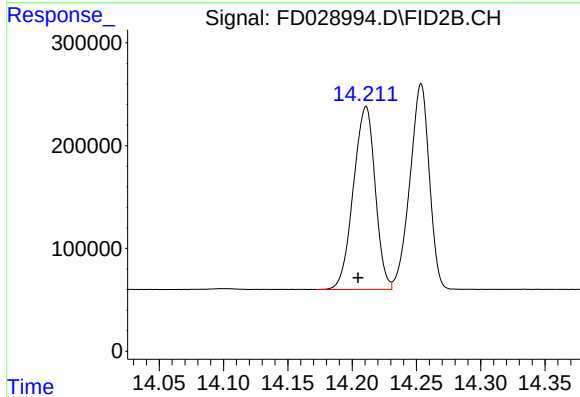
#12 Fluoranthene (C21.85)

R.T.: 12.045 min
Delta R.T.: 0.003 min
Response: 1953770
Conc: 19.44 ug/ml



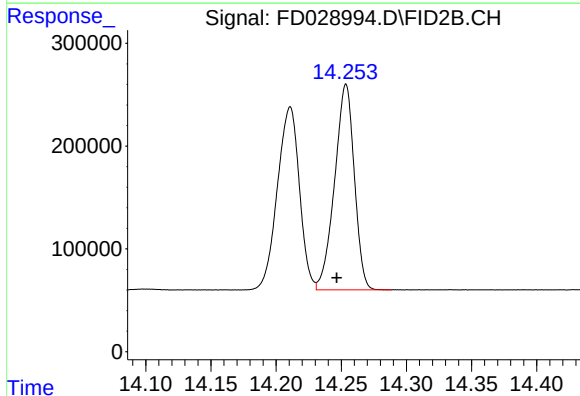
#13 Pyrene (C20.8)

R.T.: 12.344 min
Delta R.T.: 0.004 min
Response: 2010130
Conc: 19.80 ug/ml



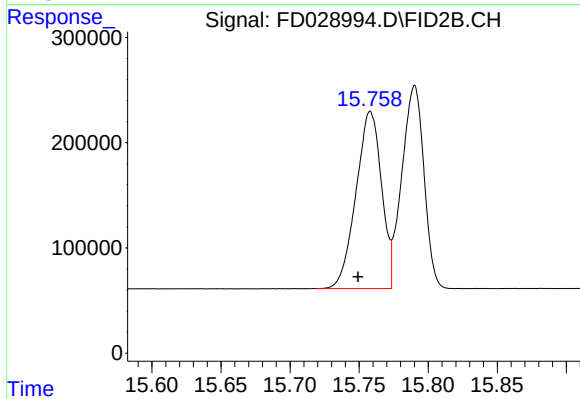
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.211 min
Delta R.T.: 0.006 min
Response: 2099160
Conc: 20.70 ug/ml



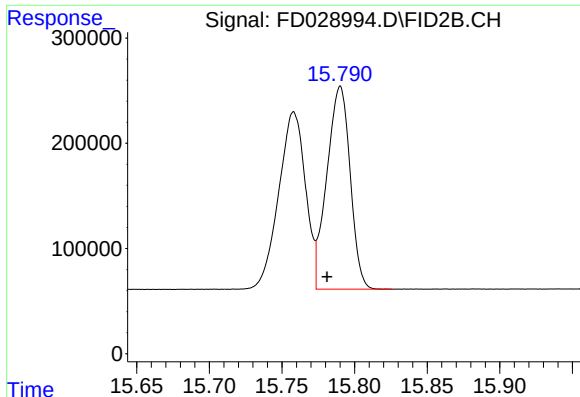
#15 Chrysene (C27.41)

R.T.: 14.254 min
Delta R.T.: 0.007 min
Response: 2103647
Conc: 20.64 ug/ml



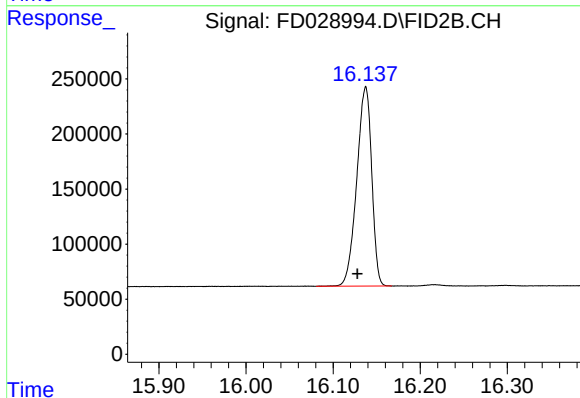
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.758 min
Delta R.T.: 0.009 min
Response: 2163750
Conc: 20.17 ug/ml



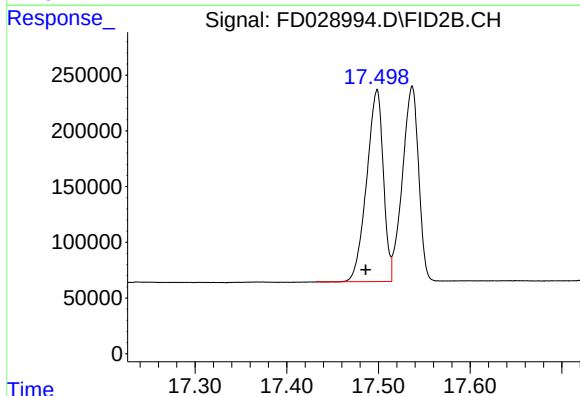
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.790 min
Delta R.T.: 0.009 min
Response: 2154768
Conc: 20.29 ug/ml



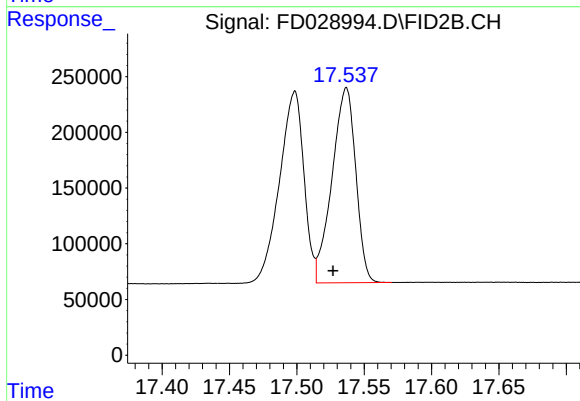
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.137 min
Delta R.T.: 0.010 min
Response: 2158084
Conc: 20.20 ug/ml



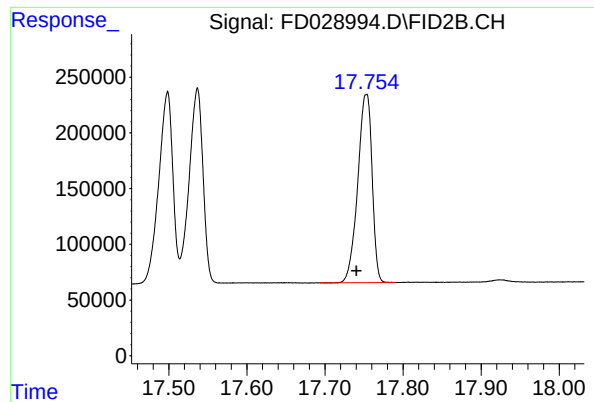
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.498 min
Delta R.T.: 0.012 min
Response: 2171268
Conc: 20.10 ug/ml



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

R.T.: 17.537 min
Delta R.T.: 0.010 min
Response: 2147408
Conc: 20.26 ug/ml



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

R.T.: 17.753 min
Delta R.T.: 0.013 min
Response: 2155813
Conc: 20.14 ug/ml