

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012819AR\
 Data File : FD027512.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2019 12:30
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 03:02:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.347	1534071	16.239 ug/ml
Spiked Amount 50.000		Recovery =	32.48%
6) S 2-Fluorobiphenyl (SURR)	8.197	1064839	16.698 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.40%
11) S ortho-Terphenyl (SURR)	11.237	1881948	17.656 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	1653037	16.304 ug/ml
2) T Naphthalene (C11.7)	5.685	1749980	16.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	1745603	16.339 ug/ml
5) T Acenaphthylene (C15.06)	8.001	1743620	16.953 ug/ml
7) T Acenaphthene (C15.5)	8.296	1820709	16.900 ug/ml
8) T Flouorene (C16.55)	9.073	1818143	17.076 ug/ml
9) T Phenanthrene (C19.36)	10.461	1882470	17.844 ug/ml
10) T Anthracene (C19.43)	10.535	1853145	17.756 ug/ml
12) T Fluoranthene (C21.85)	12.264	1941145	18.639 ug/ml
13) T Pyrene (C20.8)	12.557	1953188	18.916 ug/ml
14) T Benzo[a]anthracene (C...	14.466	1934380	19.723 ug/ml
15) T Chrysene (C27.41)	14.466	1934380	19.675 ug/ml
16) T benzo[b]fluoranthene ...	16.000	1974132	19.529 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	1974132	19.532 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.342	1920581	18.992 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	1929482	18.488 ug/ml
20) T Dibenz[a,h]anthracene...	17.744	1929482	18.835 ug/ml
21) T Benzo[g,h,i]perylene ...	17.954	1663643	15.780 ug/ml

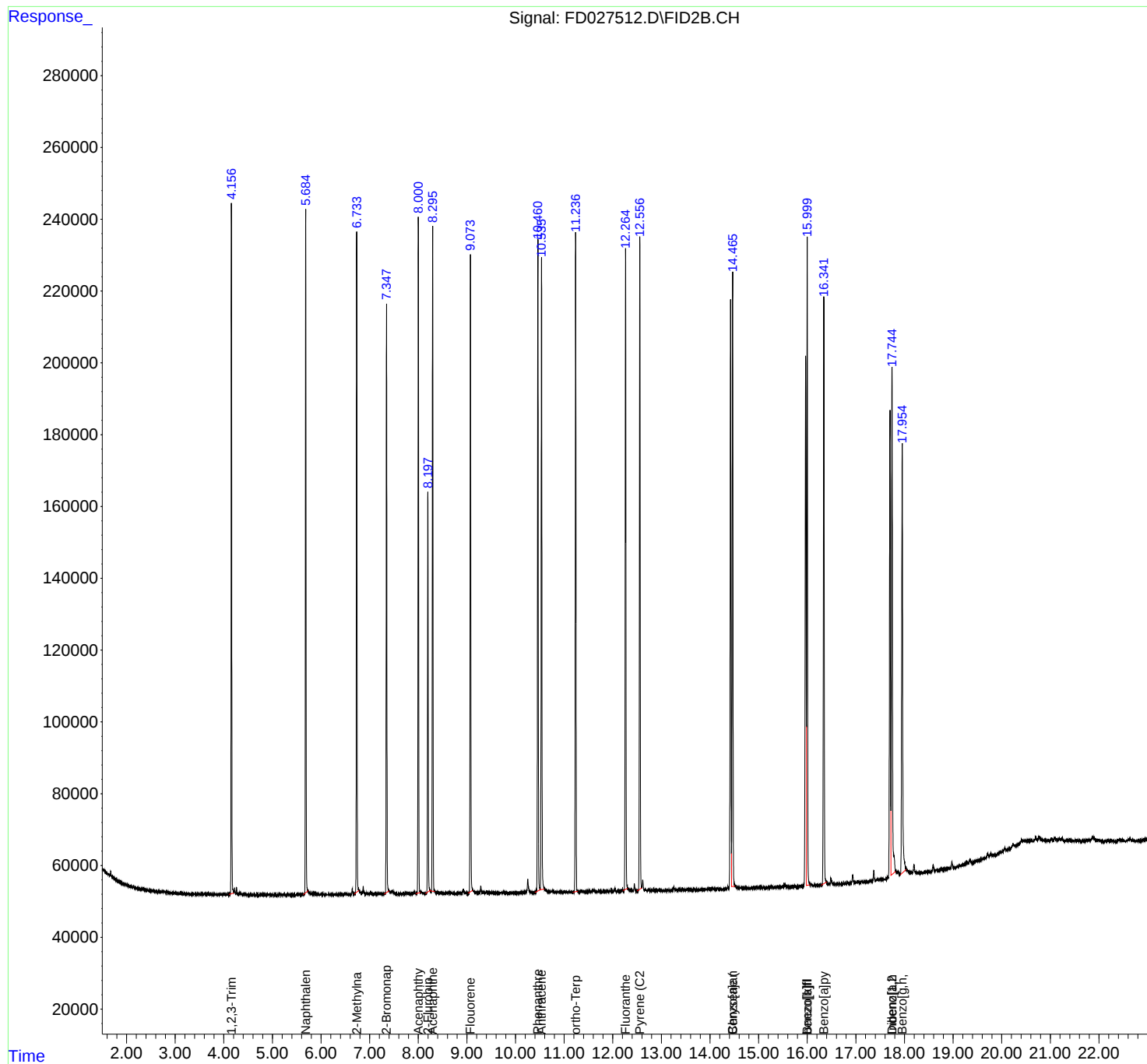
(f)=RT Delta > 1/2 Window

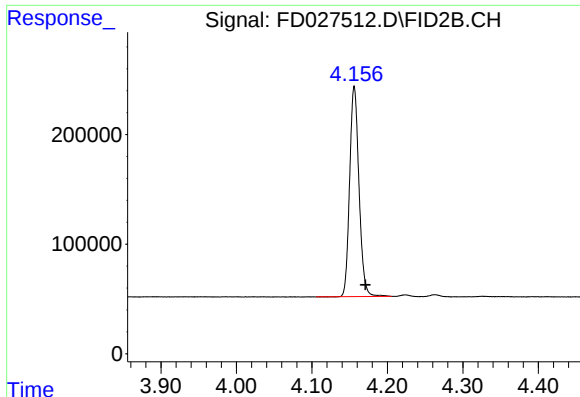
(m)=manual int.

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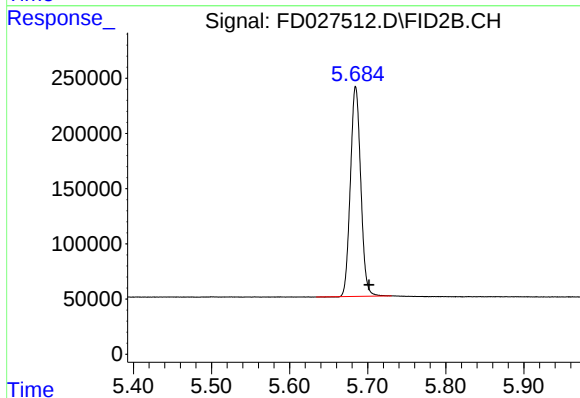
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





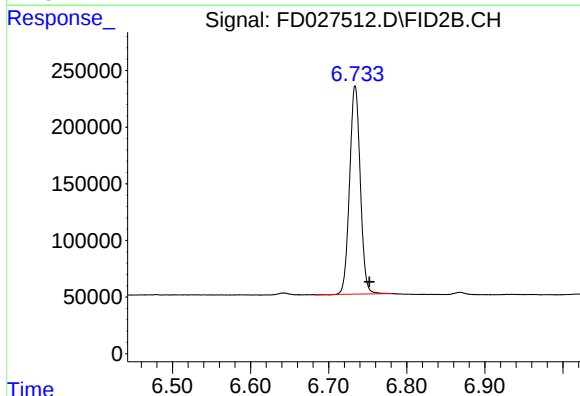
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.015 min
Response: 1653037
Conc: 16.30 ug/ml



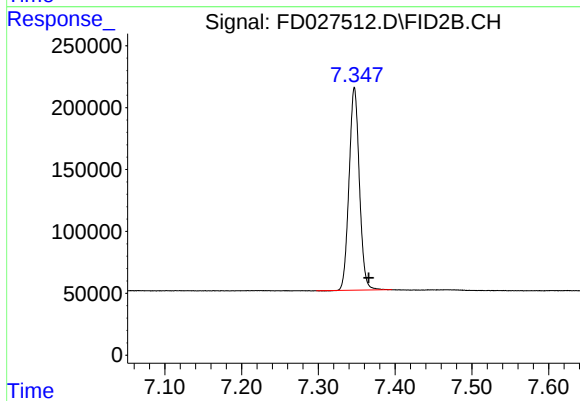
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.017 min
Response: 1749980
Conc: 16.17 ug/ml



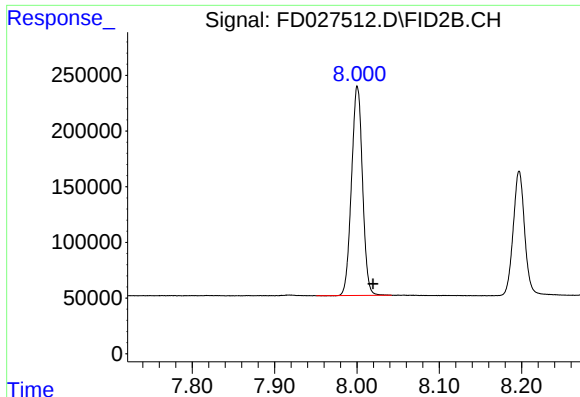
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.018 min
Response: 1745603
Conc: 16.34 ug/ml



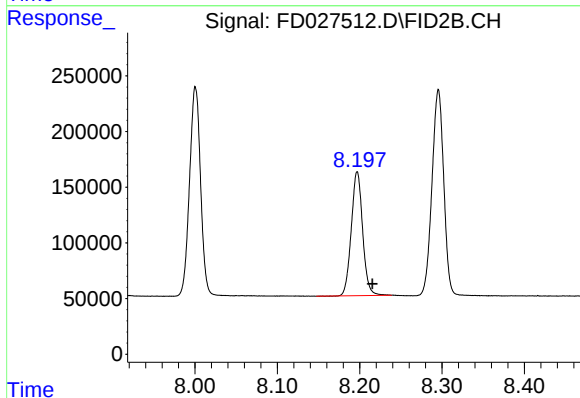
#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: -0.018 min
Response: 1534071
Conc: 16.24 ug/ml



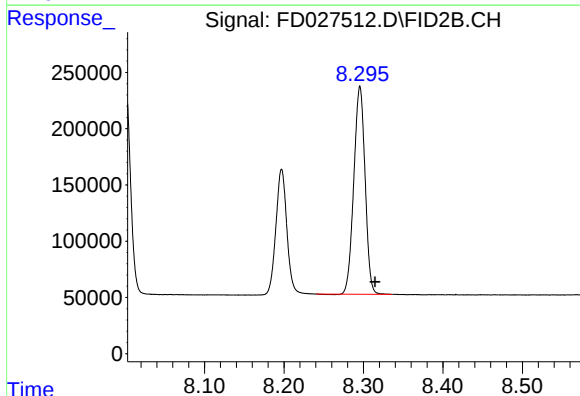
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.019 min
Response: 1743620
Conc: 16.95 ug/ml



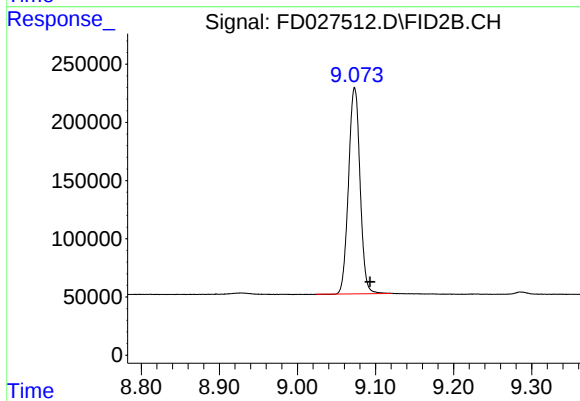
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.018 min
Response: 1064839
Conc: 16.70 ug/ml



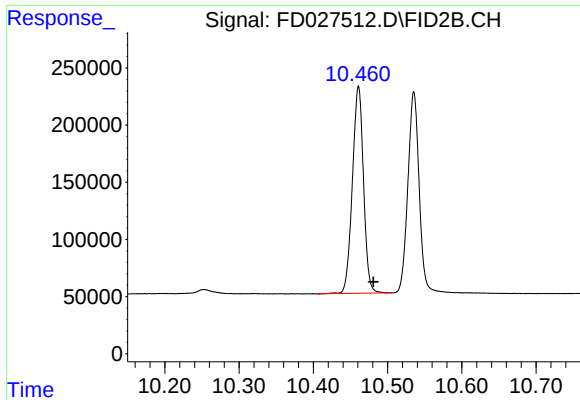
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.019 min
Response: 1820709
Conc: 16.90 ug/ml



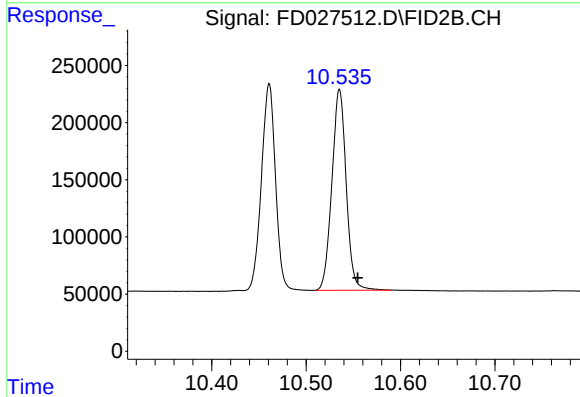
#8 Fluorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.020 min
Response: 1818143
Conc: 17.08 ug/ml



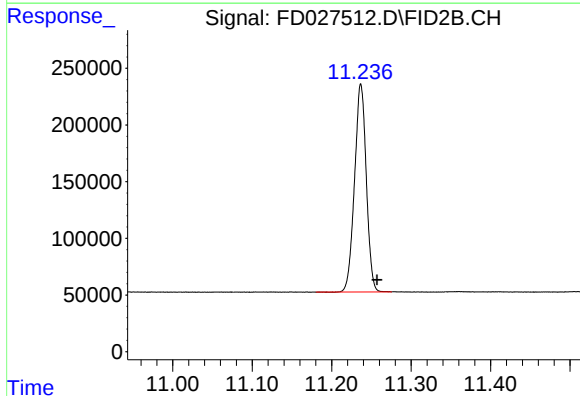
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.020 min
Response: 1882470
Conc: 17.84 ug/ml



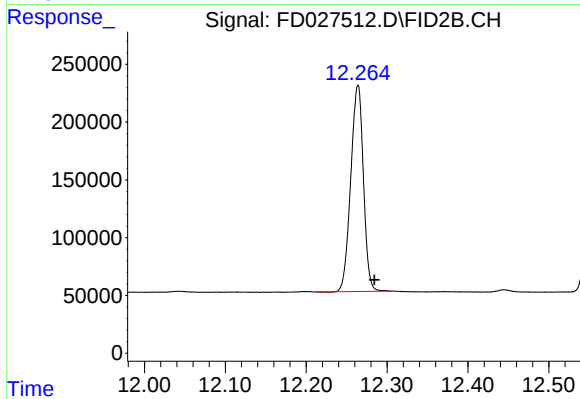
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.019 min
Response: 1853145
Conc: 17.76 ug/ml



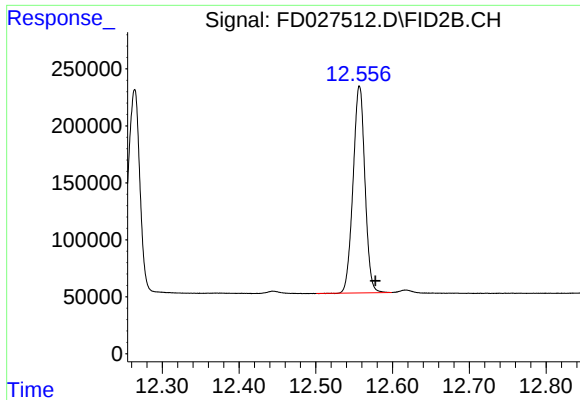
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.020 min
Response: 1881948
Conc: 17.66 ug/ml



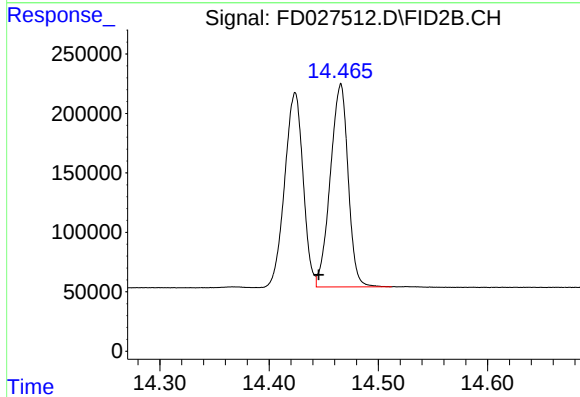
#12 Fluoranthene (C21.85)

R.T.: 12.264 min
Delta R.T.: -0.020 min
Response: 1941145
Conc: 18.64 ug/ml



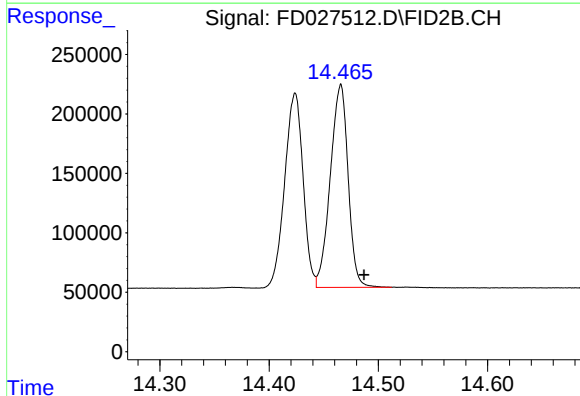
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.021 min
Response: 1953188
Conc: 18.92 ug/ml



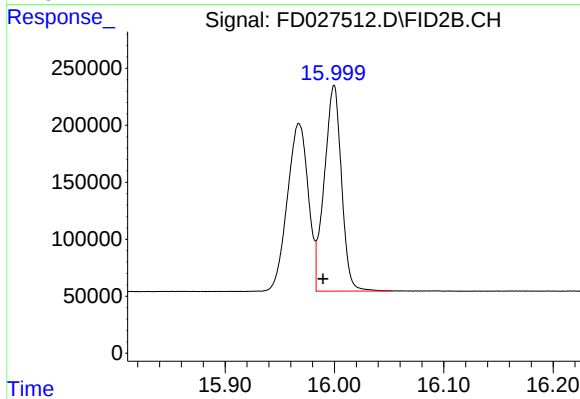
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: 0.020 min
Response: 1934380
Conc: 19.72 ug/ml



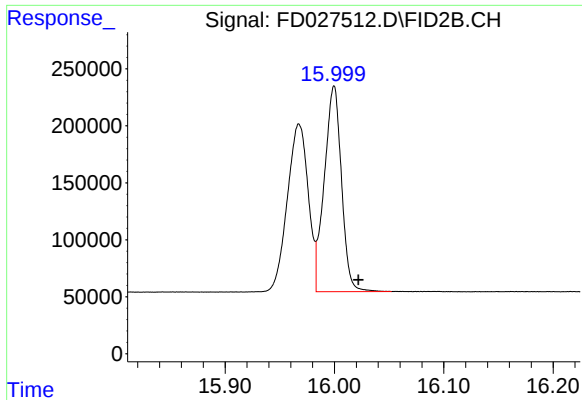
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.021 min
Response: 1934380
Conc: 19.67 ug/ml



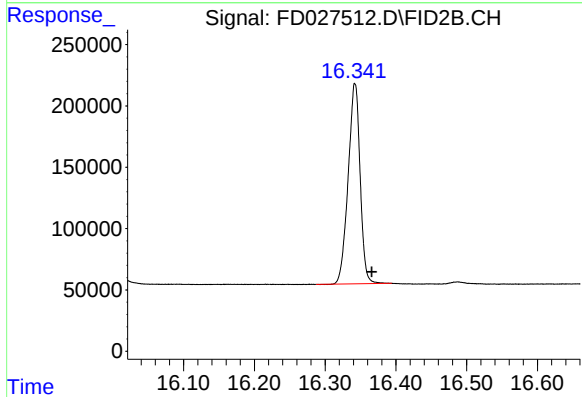
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.000 min
Delta R.T.: 0.010 min
Response: 1974132
Conc: 19.53 ug/ml



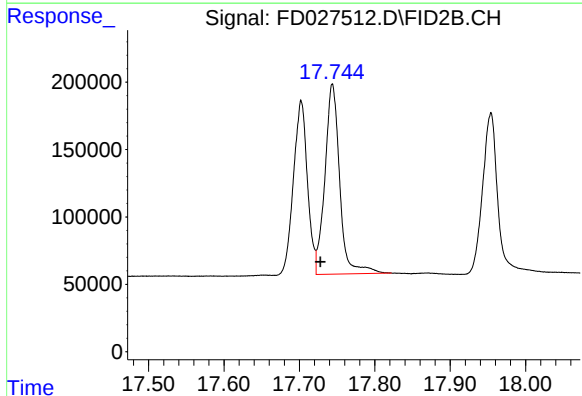
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.000 min
Delta R.T.: -0.022 min
Response: 1974132
Conc: 19.53 ug/ml



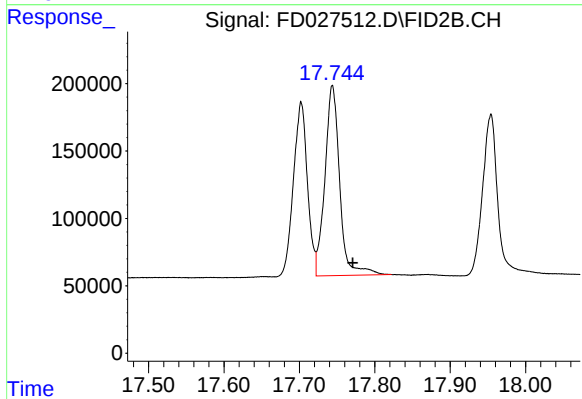
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.342 min
Delta R.T.: -0.023 min
Response: 1920581
Conc: 18.99 ug/ml



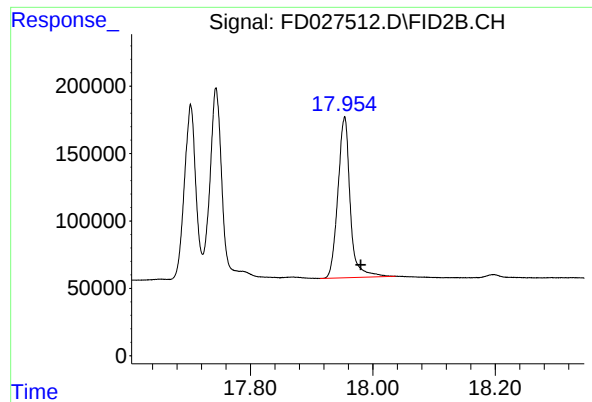
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.016 min
Response: 1929482
Conc: 18.49 ug/ml



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

R.T.: 17.744 min
Delta R.T.: -0.027 min
Response: 1929482
Conc: 18.84 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.026 min
Response: 1663643
Conc: 15.78 ug/ml