

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020519AR\
 Data File : FD027586.D
 Signal(s) : FID2B.CH
 Acq On : 05 Feb 2019 18:10
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 03:14:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.344	1435764	19.340 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
6) S 2-Fluorobiphenyl (SURR)	8.193	988451	19.428 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.86%
11) S ortho-Terphenyl (SURR)	11.230	1659549	18.721 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	1572455	19.896 ug/ml
2) T Naphthalene (C11.7)	5.680	1665508	19.567 ug/ml
3) T 2-Methylnaphthalene (...)	6.729	1641603	19.458 ug/ml
5) T Acenaphthylene (C15.06)	7.995	1622251	19.375 ug/ml
7) T Acenaphthene (C15.5)	8.290	1696557	19.301 ug/ml
8) T Flouorene (C16.55)	9.068	1661985	19.057 ug/ml
9) T Phenanthrene (C19.36)	10.455	1671340	19.026 ug/ml
10) T Anthracene (C19.43)	10.529	1642299	19.006 ug/ml
12) T Fluoranthene (C21.85)	12.257	1721289	19.227 ug/ml
13) T Pyrene (C20.8)	12.550	1732574	19.525 ug/ml
14) T Benzo[a]anthracene (C...	14.417	1806988	20.209 ug/ml
15) T Chrysene (C27.41)	14.458	1842072	20.284 ug/ml
16) T benzo[b]fluoranthene ...	15.961	1988077	20.356 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	2011062	20.339 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	1983674	20.288 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.696	1950672	19.671 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	1912886	19.447 ug/ml
21) T Benzo[g,h,i]perylene ...	17.947	2014591	19.872 ug/ml

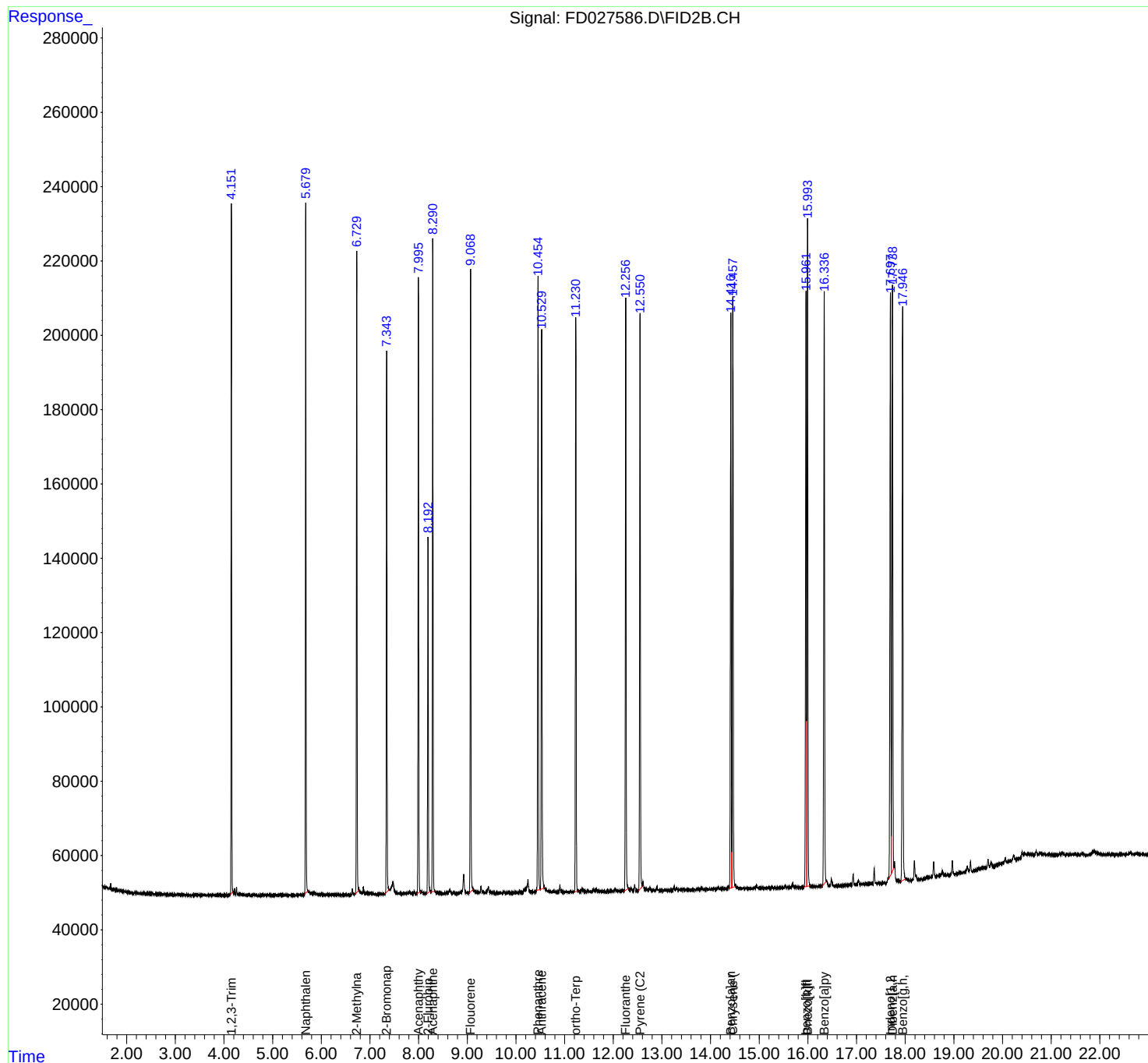
(f)=RT Delta > 1/2 Window

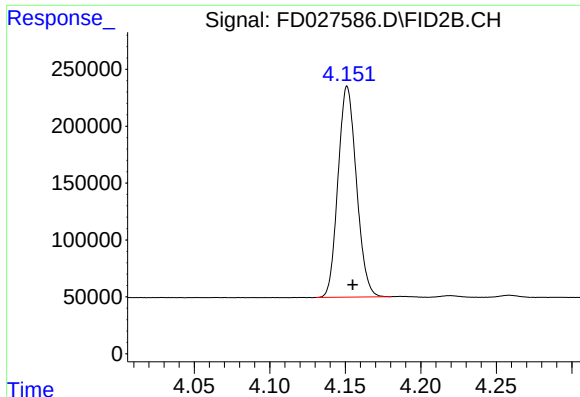
(m)=manual int.

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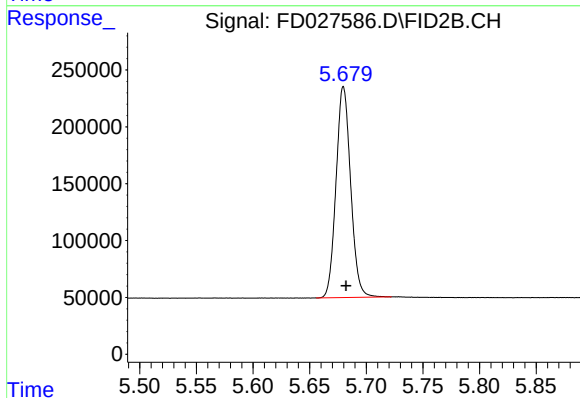
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Signal Info : 20M x 0.18mm x 0.18µm





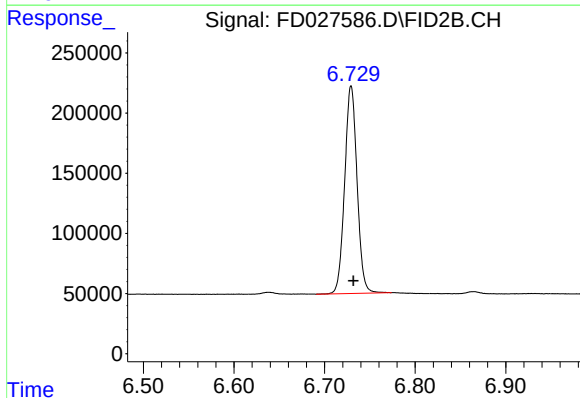
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.004 min
Response: 1572455
Conc: 19.90 ug/ml



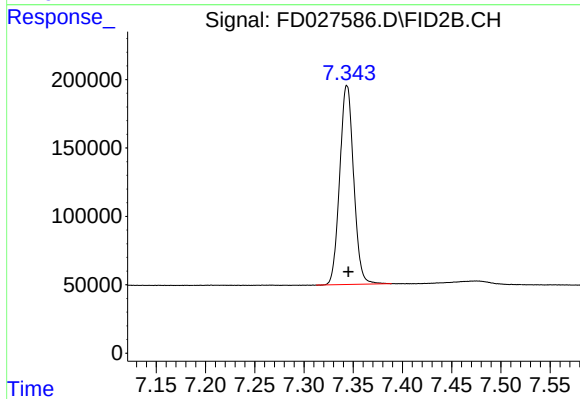
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 1665508
Conc: 19.57 ug/ml



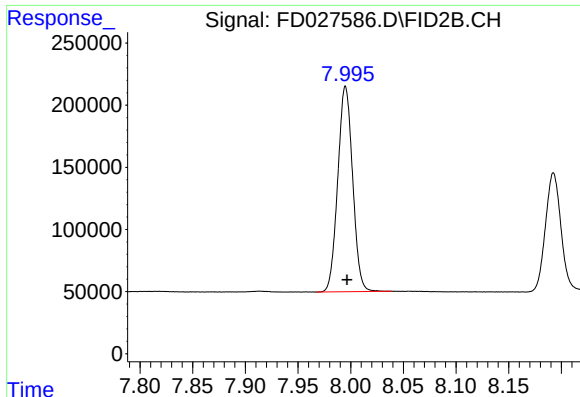
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 1641603
Conc: 19.46 ug/ml



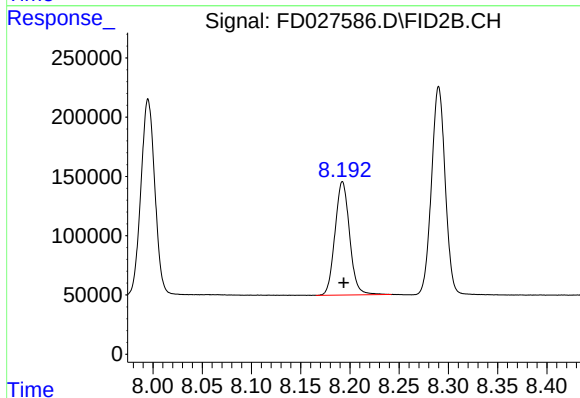
#4 2-Bromonaphthalene (SURR)

R.T.: 7.344 min
Delta R.T.: -0.001 min
Response: 1435764
Conc: 19.34 ug/ml



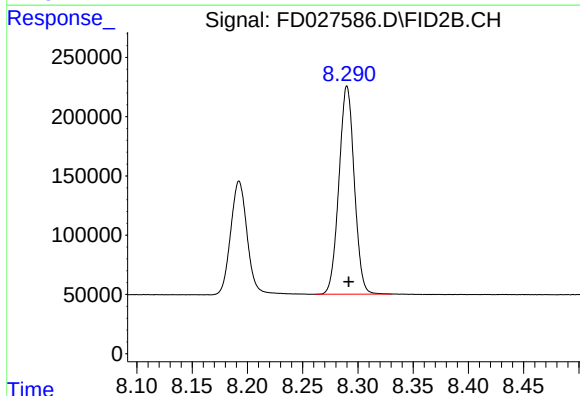
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 1622251
Conc: 19.38 ug/ml



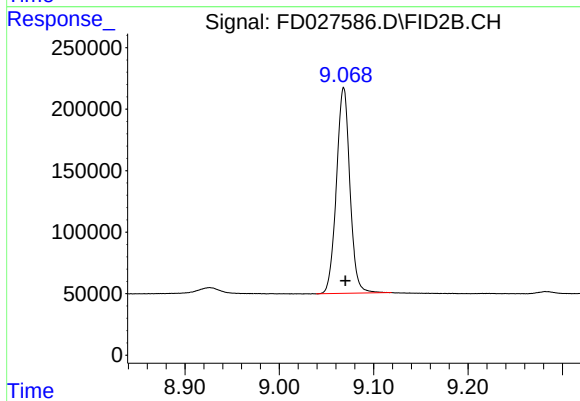
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.193 min
Delta R.T.: -0.001 min
Response: 988451
Conc: 19.43 ug/ml



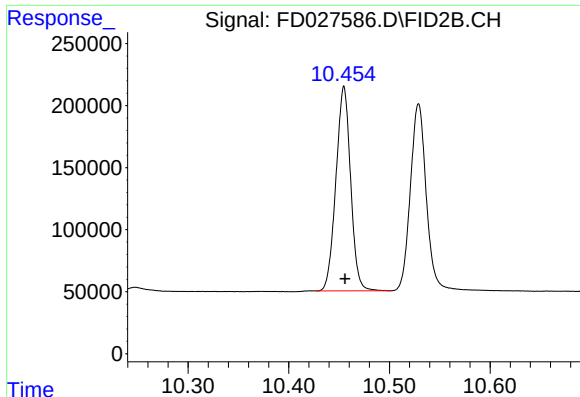
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: -0.002 min
Response: 1696557
Conc: 19.30 ug/ml



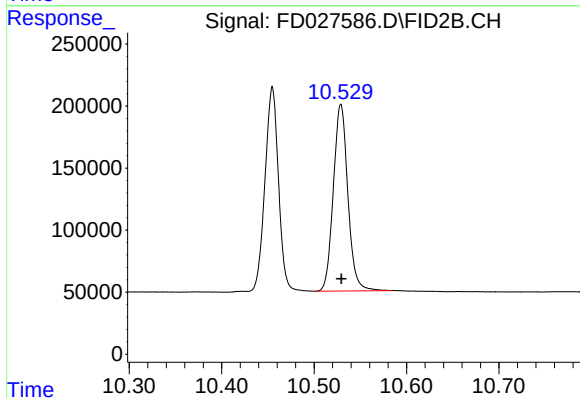
#8 Fluorene (C16.55)

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 1661985
Conc: 19.06 ug/ml



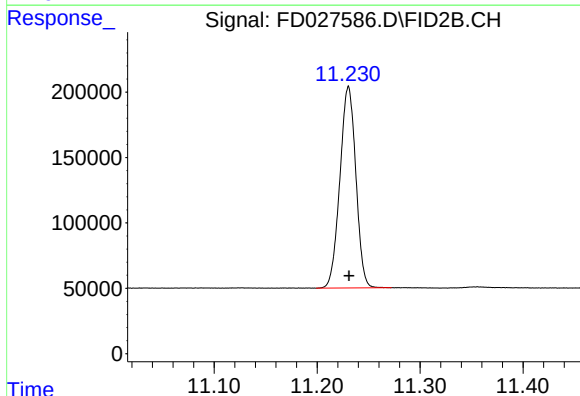
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 1671340
Conc: 19.03 ug/ml



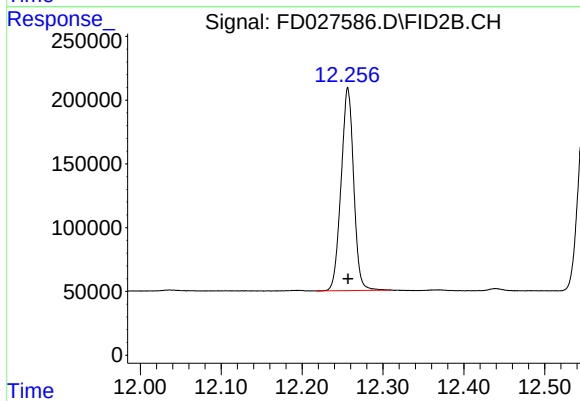
#10 Anthracene (C19.43)

R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 1642299
Conc: 19.01 ug/ml



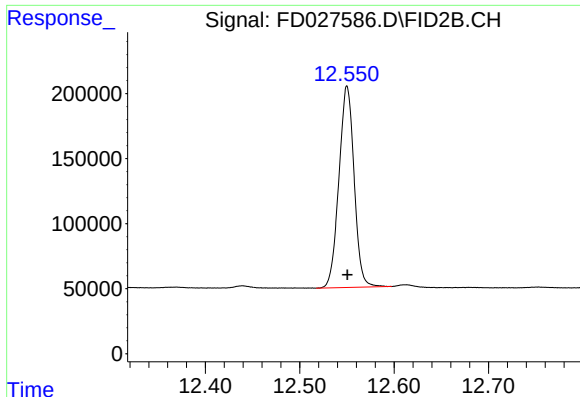
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1659549
Conc: 18.72 ug/ml



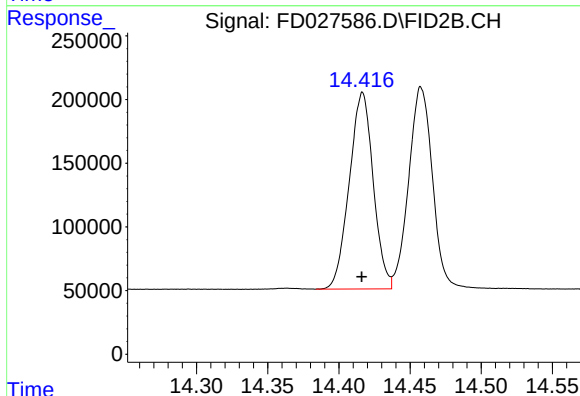
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: 0.000 min
Response: 1721289
Conc: 19.23 ug/ml



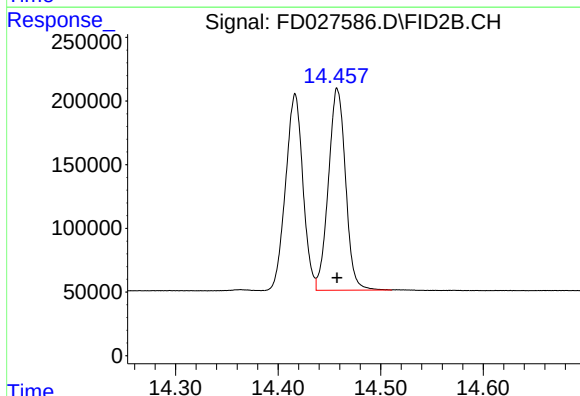
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: 0.000 min
Response: 1732574
Conc: 19.53 ug/ml



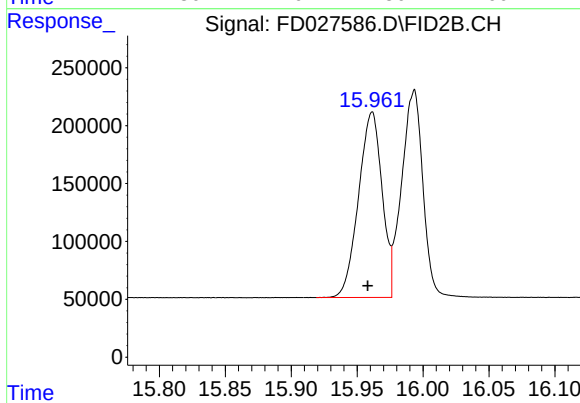
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: 0.000 min
Response: 1806988
Conc: 20.21 ug/ml



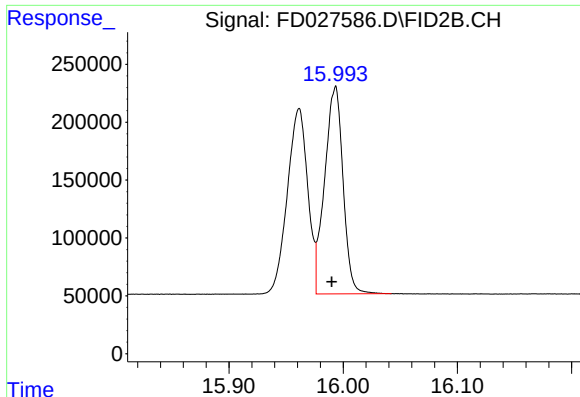
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: 0.000 min
Response: 1842072
Conc: 20.28 ug/ml



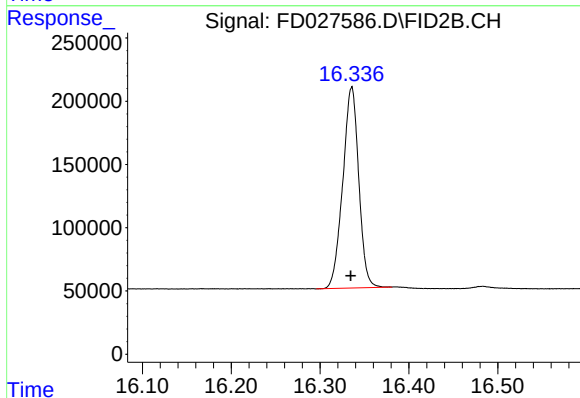
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.961 min
Delta R.T.: 0.003 min
Response: 1988077
Conc: 20.36 ug/ml



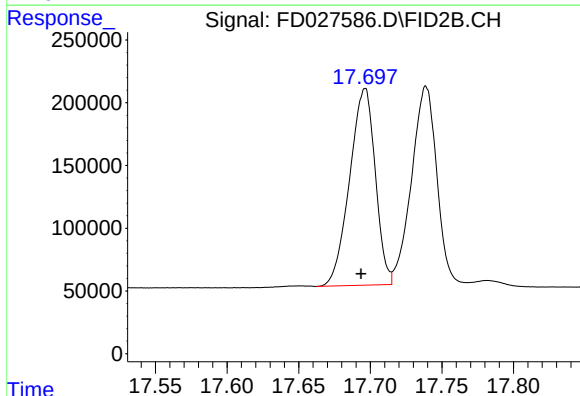
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.993 min
Delta R.T.: 0.003 min
Response: 2011062
Conc: 20.34 ug/ml



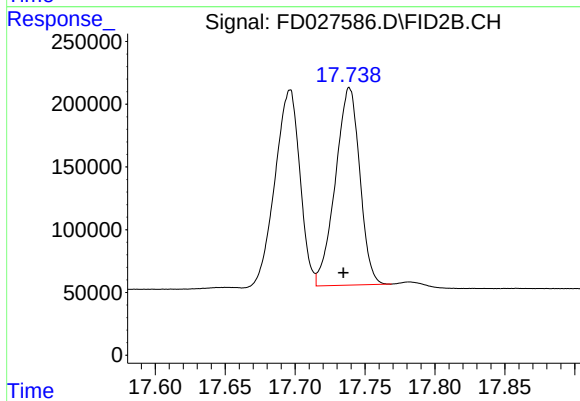
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: 0.001 min
Response: 1983674
Conc: 20.29 ug/ml



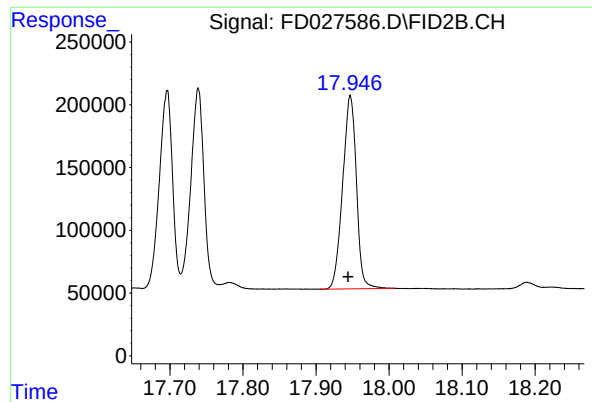
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.696 min
Delta R.T.: 0.003 min
Response: 1950672
Conc: 19.67 ug/ml



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

R.T.: 17.739 min
Delta R.T.: 0.004 min
Response: 1912886
Conc: 19.45 ug/ml



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

R.T.: 17.947 min
Delta R.T.: 0.003 min
Response: 2014591
Conc: 19.87 ug/ml