

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020819AR\
 Data File : FD027648.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2019 13:54
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 16:19:20 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...	7.343	1641495	22.111 ug/ml
Spiked Amount 50.000		Recovery =	44.22%
6) S 2-Fluorobiphenyl (SURR)	8.192	1084343	21.313 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.63%
11) S ortho-Terphenyl (SURR)	11.230	1874777	21.149 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	1763186	22.309 ug/ml
2) T Naphthalene (C11.7)	5.680	1889364	22.197 ug/ml
3) T 2-Methylnaphthalene (...)	6.729	1859260	22.038 ug/ml
5) T Acenaphthylene (C15.06)	7.996	1783966	21.306 ug/ml
7) T Acenaphthene (C15.5)	8.291	1869541	21.269 ug/ml
8) T Flouorene (C16.55)	9.069	1813517	20.795 ug/ml
9) T Phenanthrene (C19.36)	10.455	1805537	20.554 ug/ml
10) T Anthracene (C19.43)	10.530	1780507	20.606 ug/ml
12) T Fluoranthene (C21.85)	12.257	1887558	21.084 ug/ml
13) T Pyrene (C20.8)	12.550	1893815	21.342 ug/ml
14) T Benzo[a]anthracene (C...	14.419	1901381	21.265 ug/ml
15) T Chrysene (C27.41)	14.460	1928057	21.231 ug/ml
16) T benzo[b]fluoranthene ...	15.962	1968280	20.153 ug/ml
17) T Bnezo[k]fluoranthene ...	15.994	2021001	20.440 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	1952070	19.965 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	1919493	19.356 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	1902887	19.346 ug/ml
21) T Benzo[g,h,i]perylene ...	17.950	1954935	19.283 ug/ml

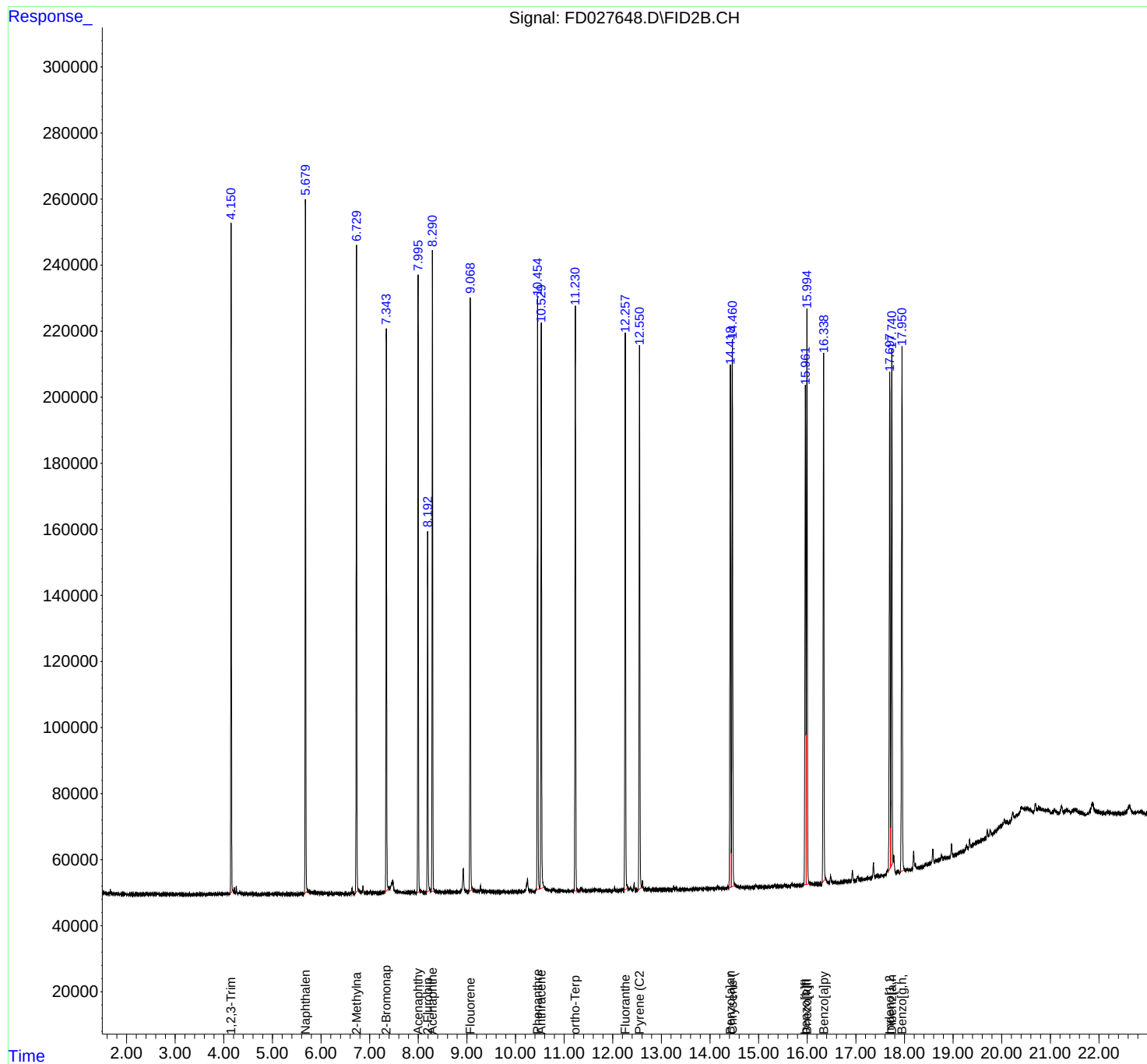
(f)=RT Delta > 1/2 Window

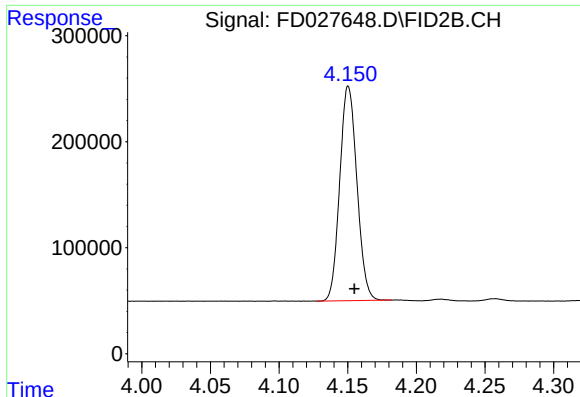
(m)=manual int.

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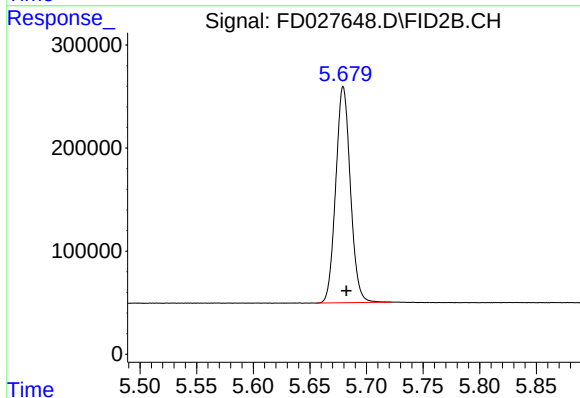
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Signal Info : 20M x 0.18mm x 0.18µm





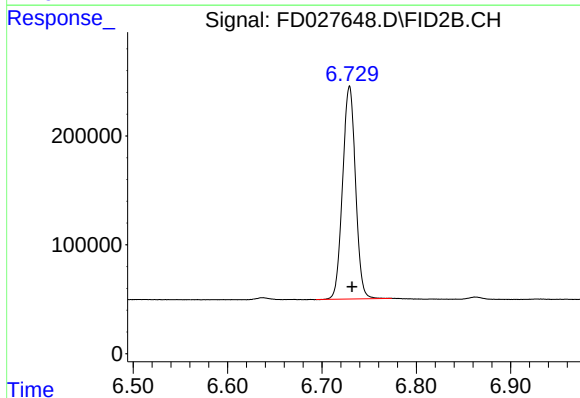
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.004 min
Response: 1763186
Conc: 22.31 ug/ml



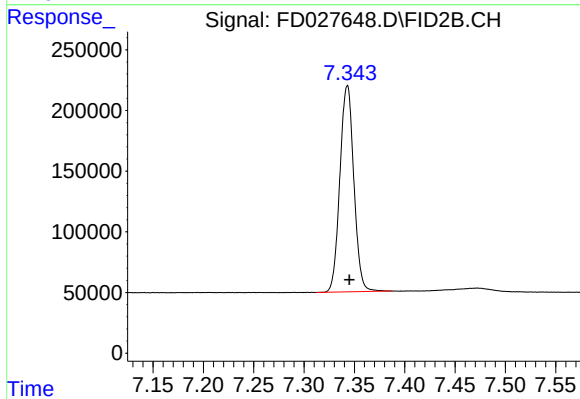
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 1889364
Conc: 22.20 ug/ml



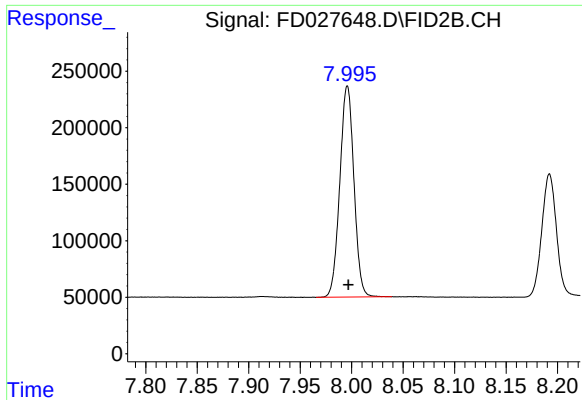
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 1859260
Conc: 22.04 ug/ml



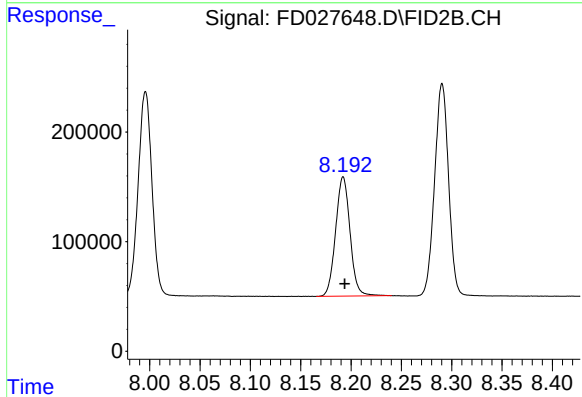
#4 2-Bromonaphthalene (SURR)

R.T.: 7.343 min
Delta R.T.: -0.002 min
Response: 1641495
Conc: 22.11 ug/ml



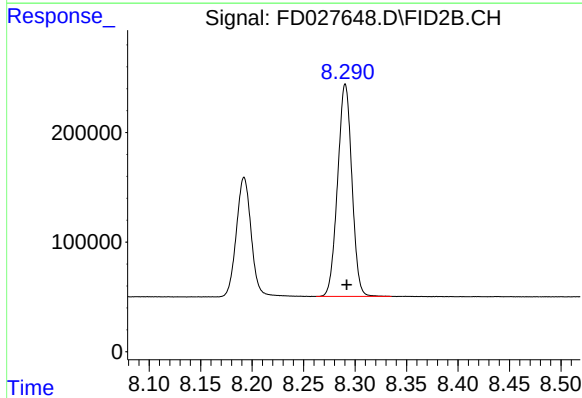
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 1783966
Conc: 21.31 ug/ml



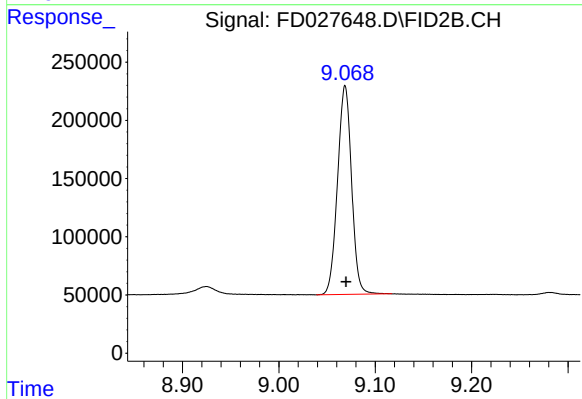
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.192 min
Delta R.T.: -0.001 min
Response: 1084343
Conc: 21.31 ug/ml



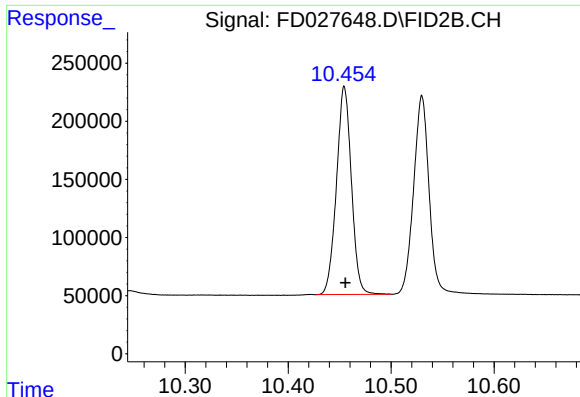
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: -0.001 min
Response: 1869541
Conc: 21.27 ug/ml



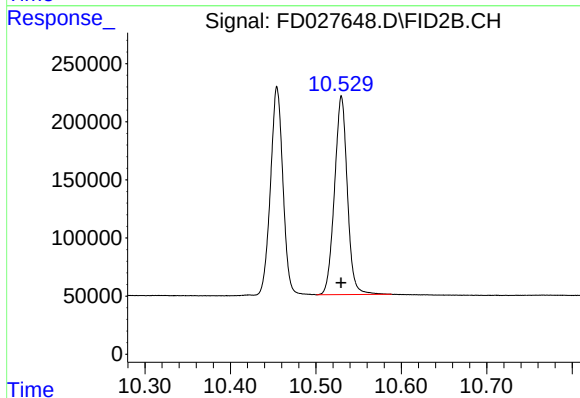
#8 Flouorene (C16.55)

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 1813517
Conc: 20.80 ug/ml



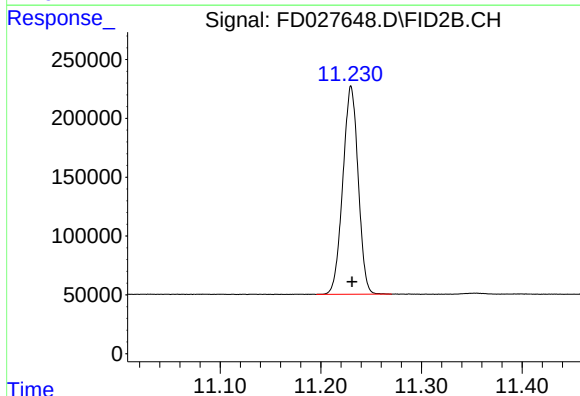
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: -0.001 min
Response: 1805537
Conc: 20.55 ug/ml



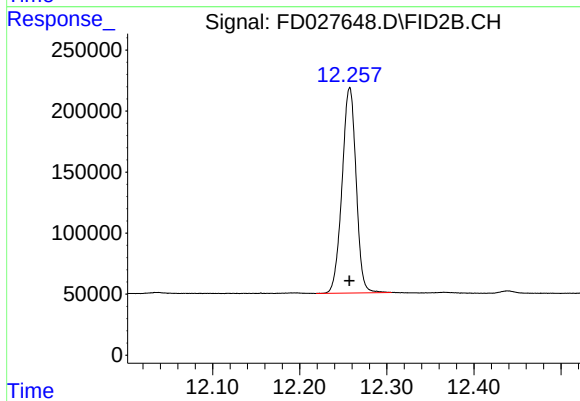
#10 Anthracene (C19.43)

R.T.: 10.530 min
Delta R.T.: 0.000 min
Response: 1780507
Conc: 20.61 ug/ml



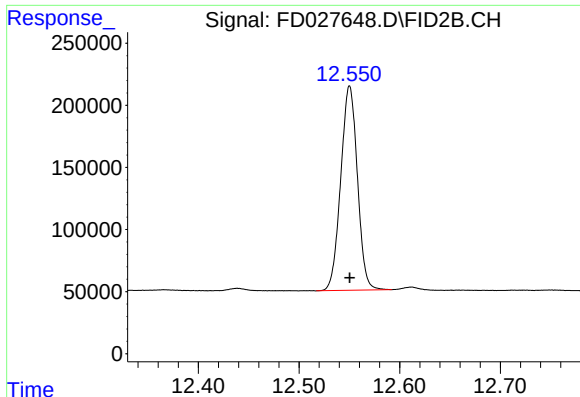
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1874777
Conc: 21.15 ug/ml



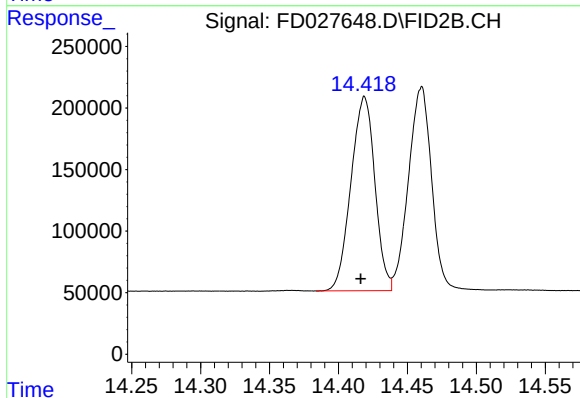
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: 0.000 min
Response: 1887558
Conc: 21.08 ug/ml



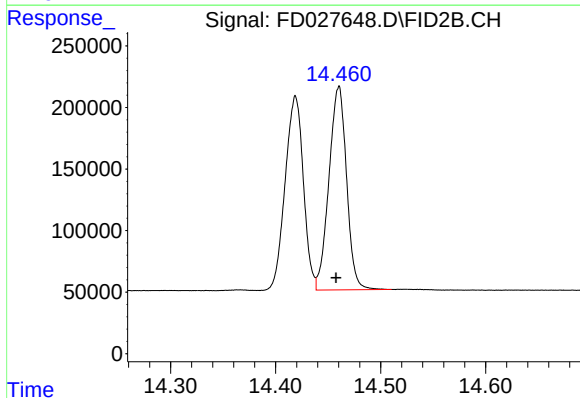
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: 0.000 min
Response: 1893815
Conc: 21.34 ug/ml



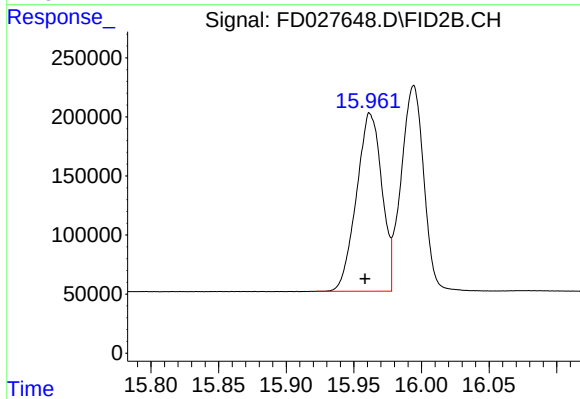
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: 0.003 min
Response: 1901381
Conc: 21.26 ug/ml



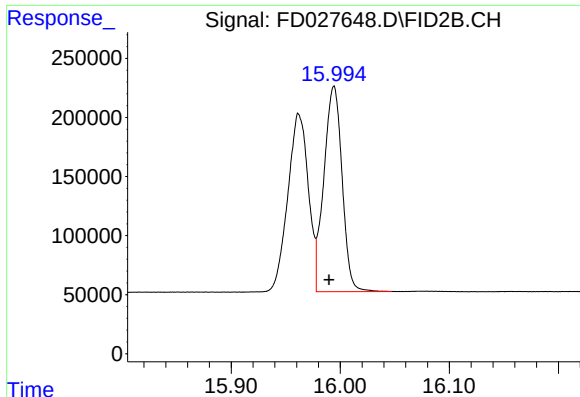
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: 0.003 min
Response: 1928057
Conc: 21.23 ug/ml



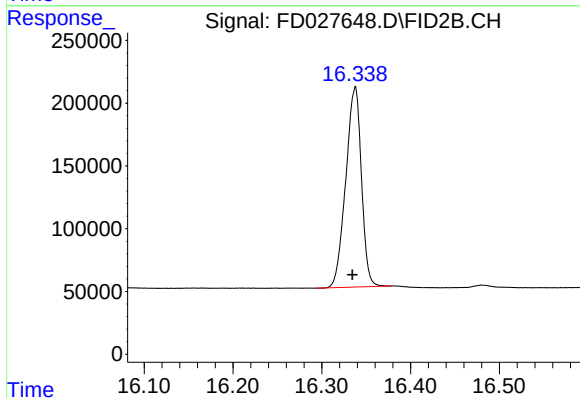
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.962 min
Delta R.T.: 0.004 min
Response: 1968280
Conc: 20.15 ug/ml



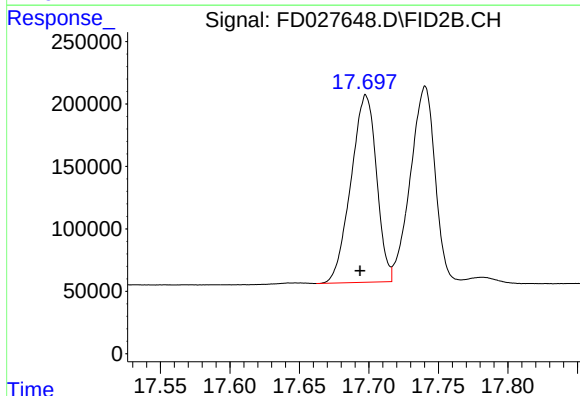
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.994 min
Delta R.T.: 0.004 min
Response: 2021001
Conc: 20.44 ug/ml



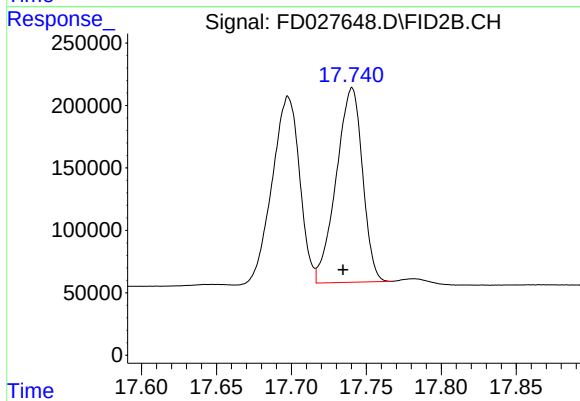
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: 0.003 min
Response: 1952070
Conc: 19.96 ug/ml



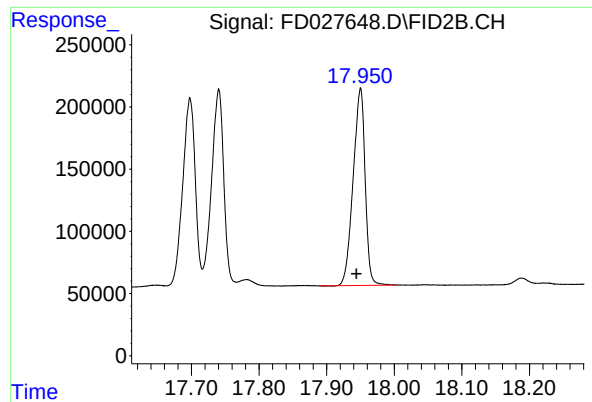
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: 0.004 min
Response: 1919493
Conc: 19.36 ug/ml



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

R.T.: 17.740 min
Delta R.T.: 0.006 min
Response: 1902887
Conc: 19.35 ug/ml



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

R.T.: 17.950 min
Delta R.T.: 0.006 min
Response: 1954935
Conc: 19.28 ug/ml