

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022619AR\
 Data File : FD027954.D
 Signal(s) : FID2B.CH
 Acq On : 26 Feb 2019 11:06
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 03:06:39 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...	7.334	1628165	21.931 ug/ml
Spiked Amount 50.000		Recovery =	43.86%
6) S 2-Fluorobiphenyl (SURR)	8.181	1057828	20.791 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.58%
11) S ortho-Terphenyl (SURR)	11.217	1772284	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1976982	25.014 ug/ml
2) T Naphthalene (C11.7)	5.672	1980483	23.268 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	1896762	22.483 ug/ml
5) T Acenaphthylene (C15.06)	7.985	1751428	20.918 ug/ml
7) T Acenaphthene (C15.5)	8.279	1848282	21.027 ug/ml
8) T Fluorene (C16.55)	9.057	1744992	20.009 ug/ml
9) T Phenanthrene (C19.36)	10.441	1731986	19.717 ug/ml
10) T Anthracene (C19.43)	10.516	1715008	19.848 ug/ml
12) T Fluoranthene (C21.85)	12.242	1814836	20.271 ug/ml
13) T Pyrene (C20.8)	12.534	1814742	20.451 ug/ml
14) T Benzo[a]anthracene (C...	14.401	1869599	20.909 ug/ml
15) T Chrysene (C27.41)	14.442	1974486	21.742 ug/ml
16) T benzo[b]fluoranthene ...	15.942	1910462	19.561 ug/ml
17) T Bnezo[k]fluoranthene ...	15.974	2010438	20.333 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.316	1921891	19.656 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.675	1626848	16.405 ug/ml
20) T Dibenz[a,h]anthracene...	17.716	1877139	19.084 ug/ml
21) T Benzo[g,h,i]perylene ...	17.925	1789681	17.653 ug/ml

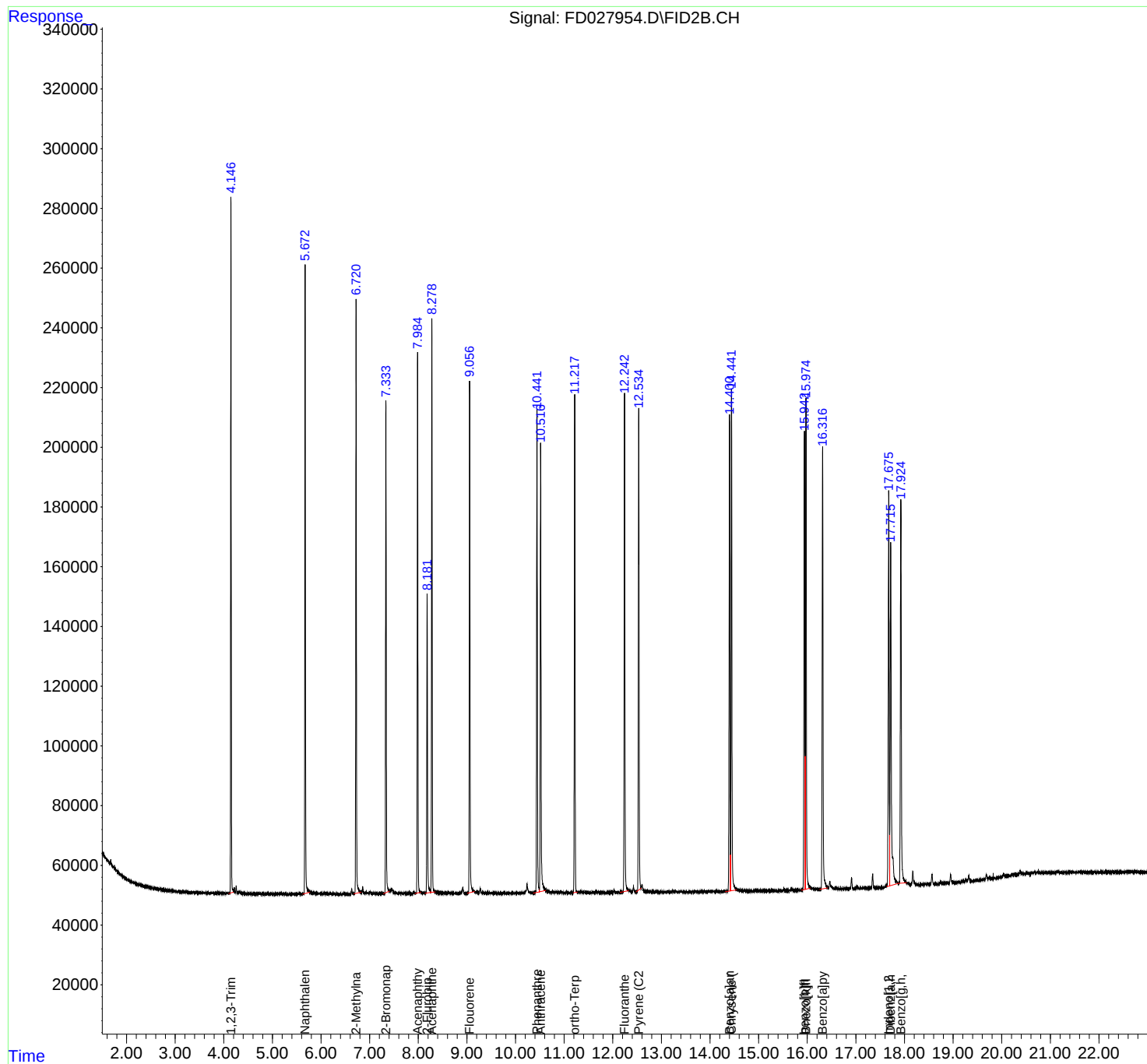
(f)=RT Delta > 1/2 Window

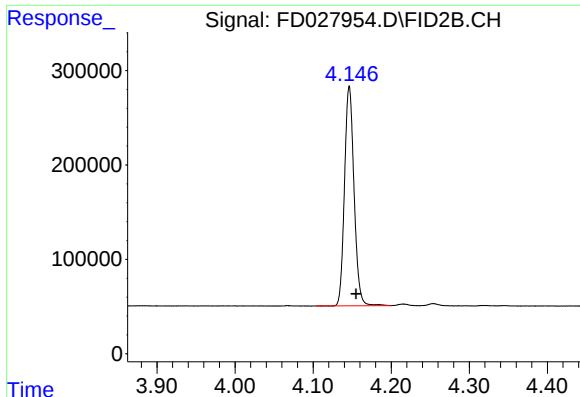
(m)=manual int.

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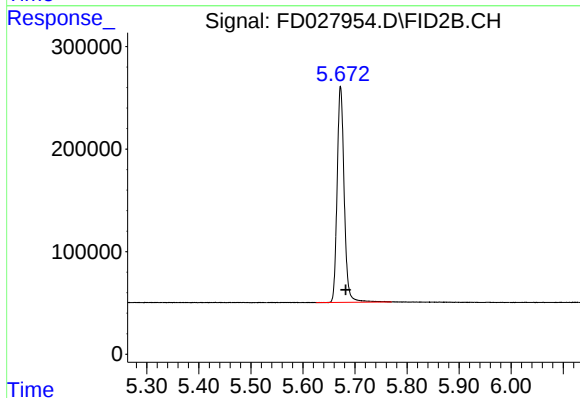
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Signal Info : 20M x 0.18mm x 0.18µm





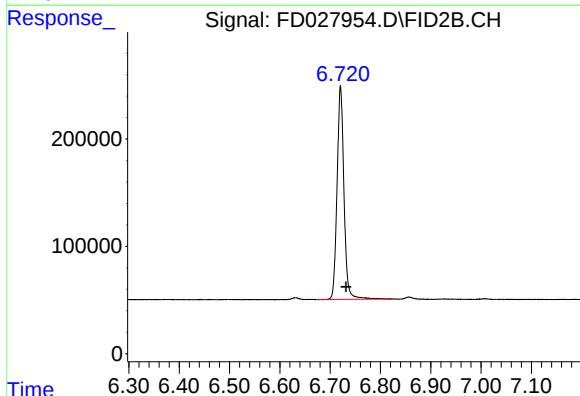
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1976982
Conc: 25.01 ug/ml



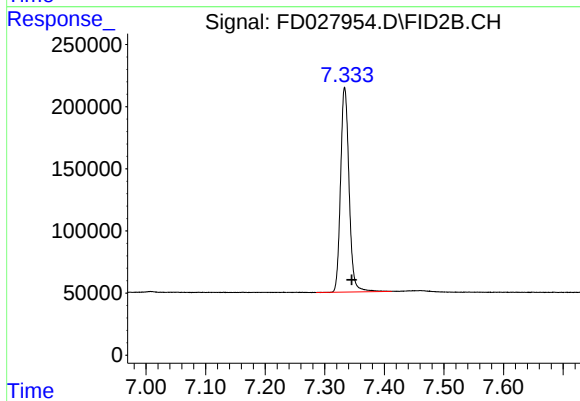
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.010 min
Response: 1980483
Conc: 23.27 ug/ml



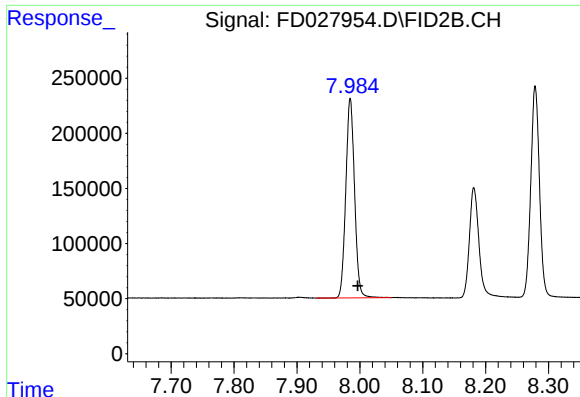
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.011 min
Response: 1896762
Conc: 22.48 ug/ml



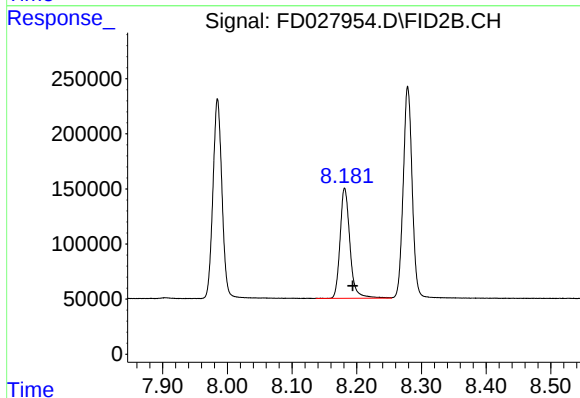
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.012 min
Response: 1628165
Conc: 21.93 ug/ml



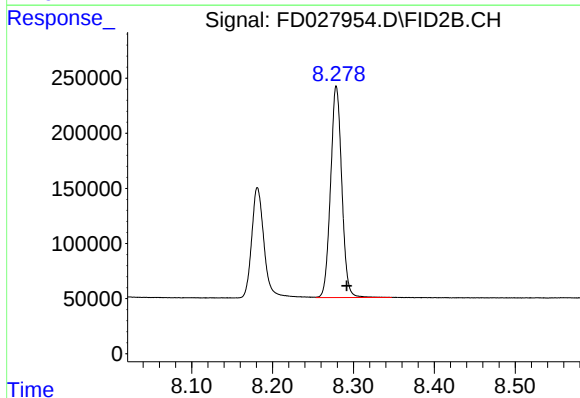
#5 Acenaphthylene (C15.06)

R.T.: 7.985 min
Delta R.T.: -0.012 min
Response: 1751428
Conc: 20.92 ug/ml



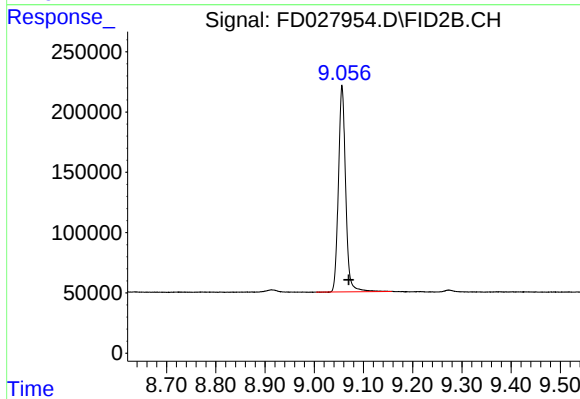
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.181 min
Delta R.T.: -0.012 min
Response: 1057828
Conc: 20.79 ug/ml



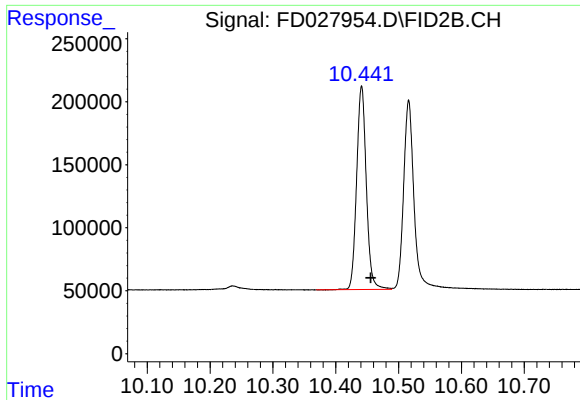
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: -0.013 min
Response: 1848282
Conc: 21.03 ug/ml



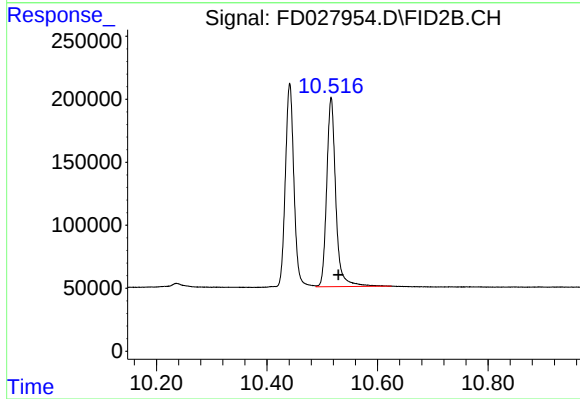
#8 Fluorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.013 min
Response: 1744992
Conc: 20.01 ug/ml



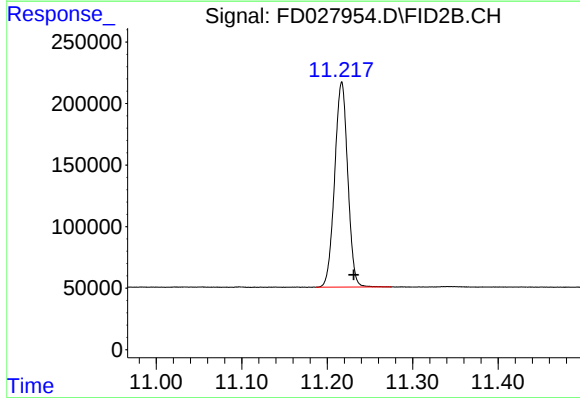
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.015 min
Response: 1731986
Conc: 19.72 ug/ml



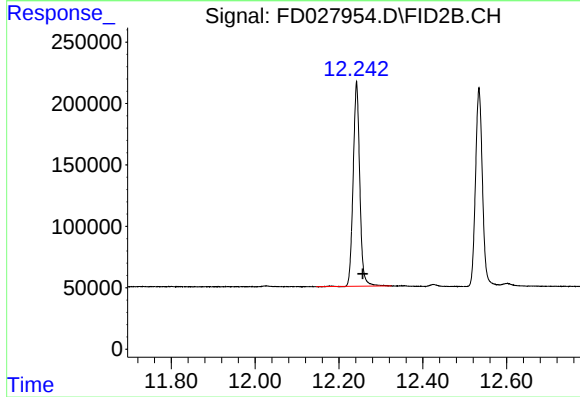
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.013 min
Response: 1715008
Conc: 19.85 ug/ml



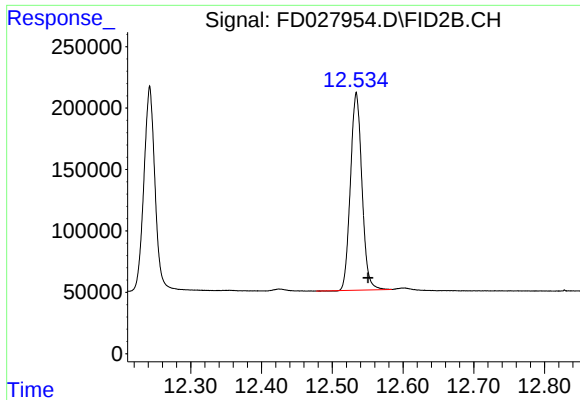
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 1772284
Conc: 19.99 ug/ml



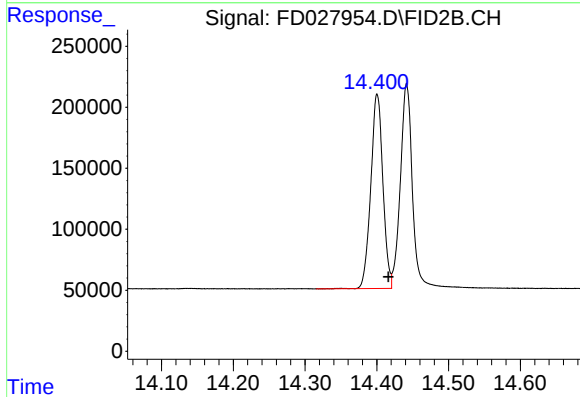
#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.015 min
Response: 1814836
Conc: 20.27 ug/ml



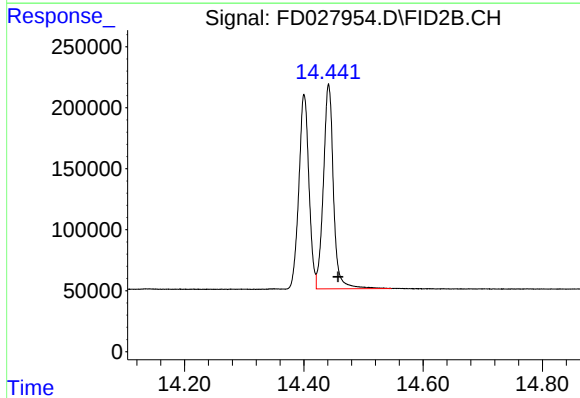
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.016 min
Response: 1814742
Conc: 20.45 ug/ml



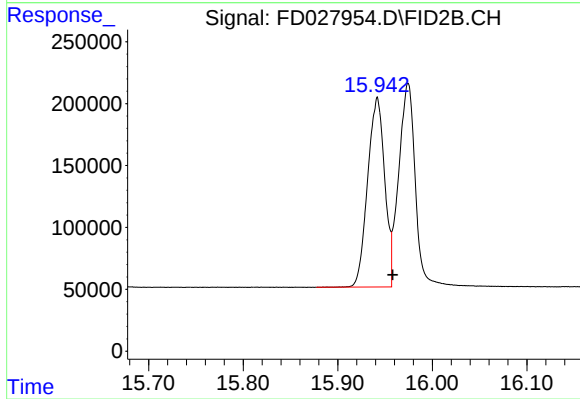
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.401 min
Delta R.T.: -0.016 min
Response: 1869599
Conc: 20.91 ug/ml



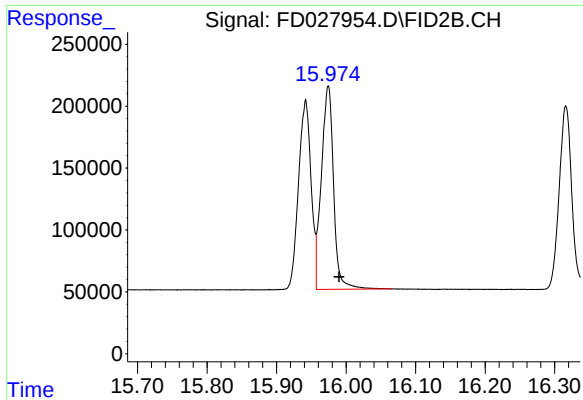
#15 Chrysene (C27.41)

R.T.: 14.442 min
Delta R.T.: -0.016 min
Response: 1974486
Conc: 21.74 ug/ml



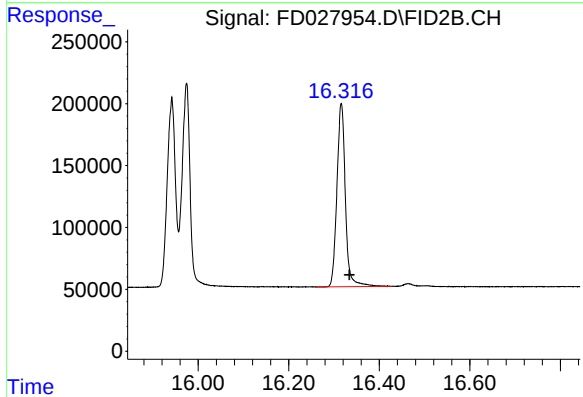
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.942 min
Delta R.T.: -0.016 min
Response: 1910462
Conc: 19.56 ug/ml



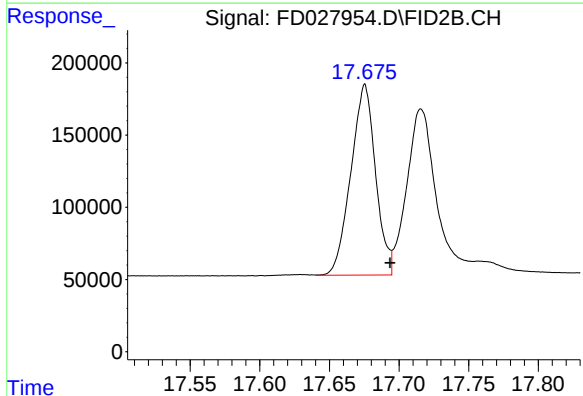
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.974 min
Delta R.T.: -0.015 min
Response: 2010438
Conc: 20.33 ug/ml



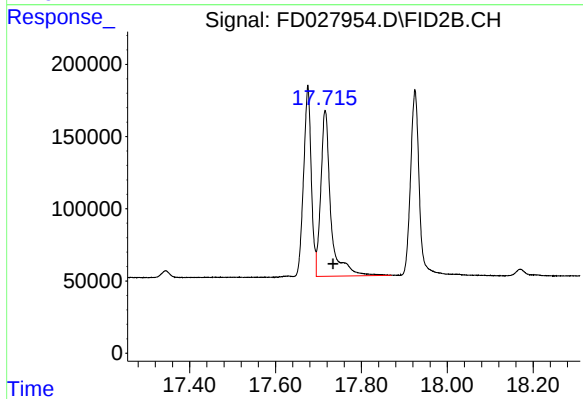
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.316 min
Delta R.T.: -0.018 min
Response: 1921891
Conc: 19.66 ug/ml



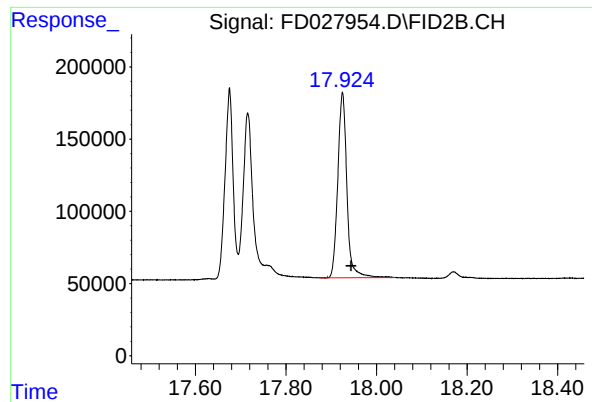
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.675 min
Delta R.T.: -0.018 min
Response: 1626848
Conc: 16.41 ug/ml



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

R.T.: 17.716 min
Delta R.T.: -0.019 min
Response: 1877139
Conc: 19.08 ug/ml



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

R.T.: 17.925 min
Delta R.T.: -0.019 min
Response: 1789681
Conc: 17.65 ug/ml