

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD061518AR\
 Data File : FD024592.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jun 2018 11:10
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 18 01:32:28 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Tue May 22 10:27:34 2018
 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...	7.478	1448385	18.037 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
6) S 2-Fluorobiphenyl (SURR)	8.333	1009525	17.693 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.39%
11) S ortho-Terphenyl (SURR)	11.384	1586487	17.062 ug/ml
Spiked Amount 50.000		Recovery =	34.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	1616999	18.641 ug/ml
2) T Naphthalene (C11.7)	5.812	1706815	18.558 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	1631348	18.013 ug/ml
5) T Acenaphthylene (C15.06)	8.137	1586555	17.901 ug/ml
7) T Acenaphthene (C15.5)	8.433	1656931	17.862 ug/ml
8) T Fluorene (C16.55)	9.214	1637921	17.527 ug/ml
9) T Phenanthrene (C19.36)	10.608	1716151	17.525 ug/ml
10) T Anthracene (C19.43)	10.681	1676715	17.204 ug/ml
12) T Fluoranthene (C21.85)	12.417	1836801	17.967 ug/ml
13) T Pyrene (C20.8)	12.713	1858393	17.967 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.627	1930281	19.147 ug/ml
15) T Chrysene (C27.41)	14.627	1930281	18.938 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.166	2002920	19.836 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.166f	2002920	19.553 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.510	1986816	20.175 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.916	1922710	23.413 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.951	138402	1.537 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.127	1957910	23.490 ug/ml

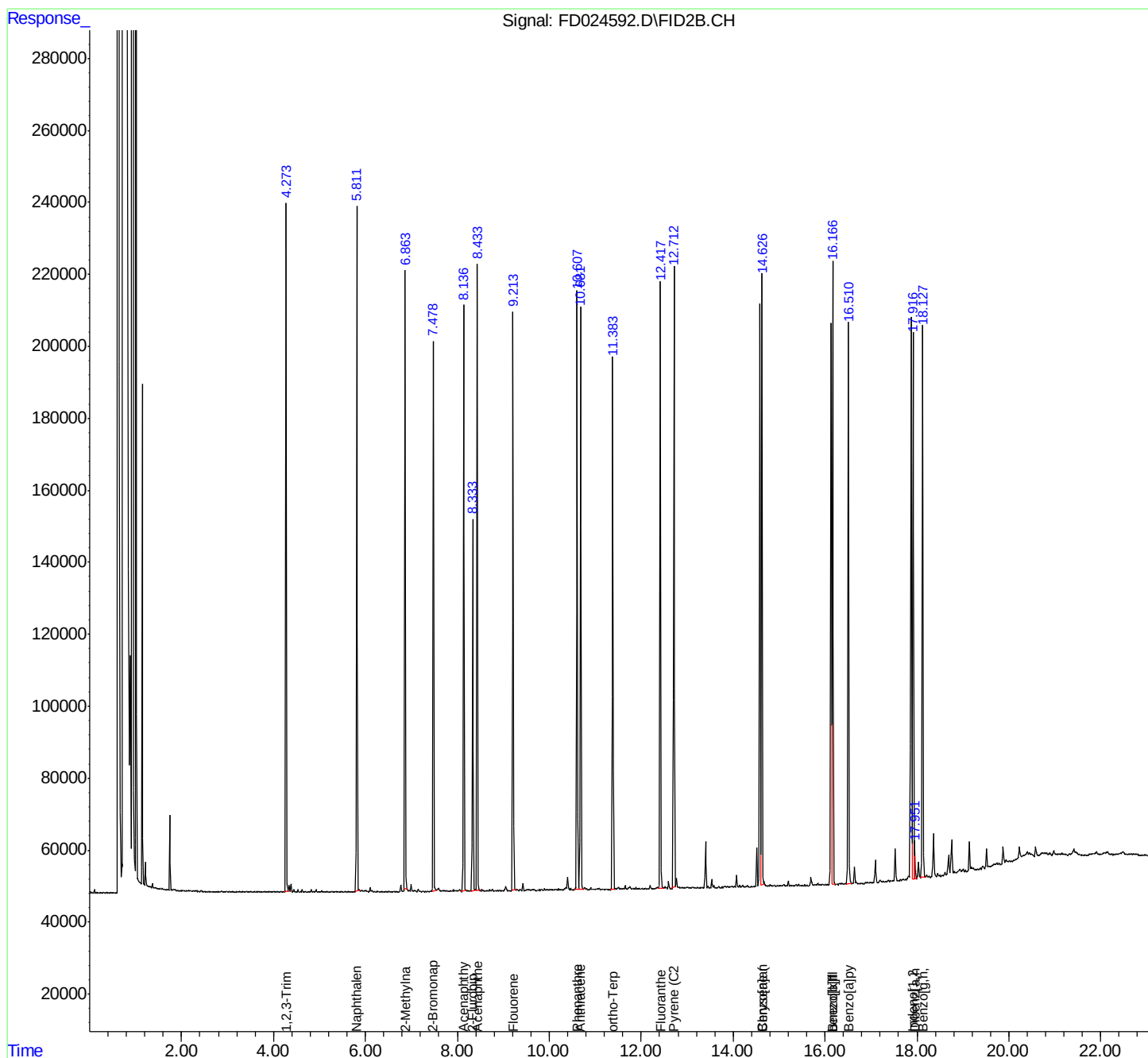
(f)=RT Delta > 1/2 Window

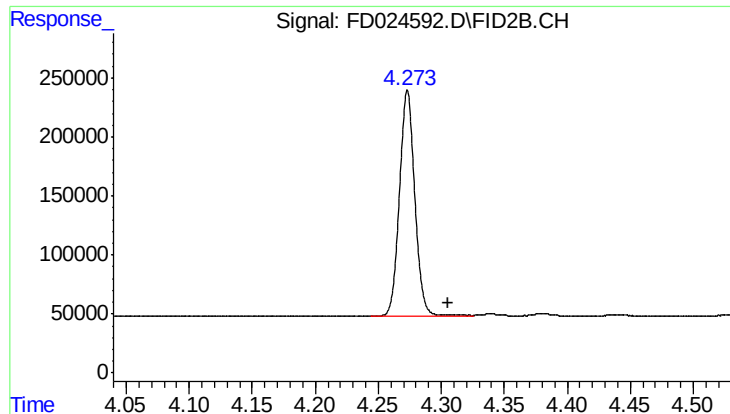
(m)=manual int.

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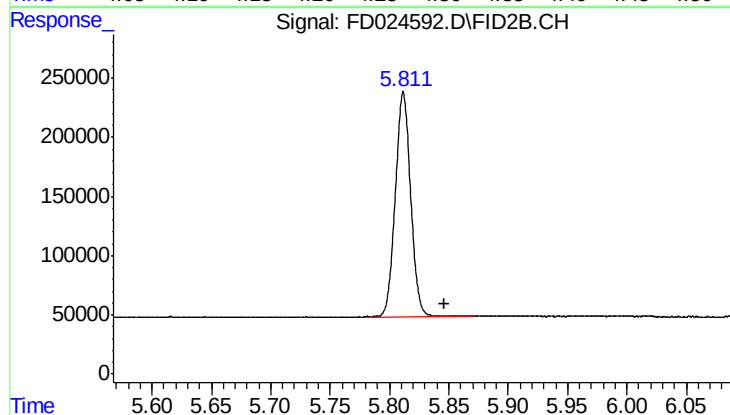
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





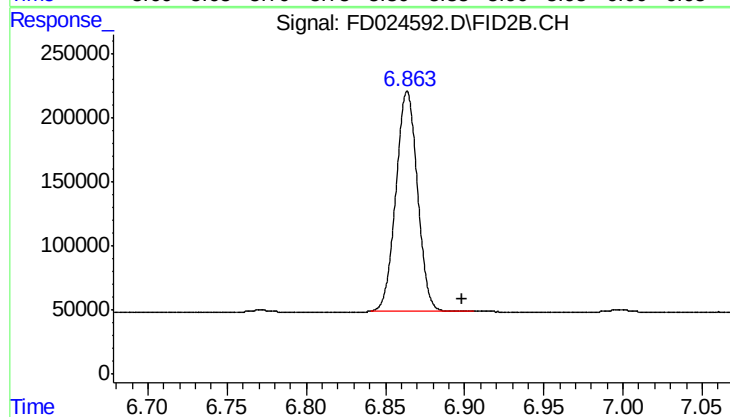
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.032 min
Response: 1616999
Conc: 18.64 ug/ml



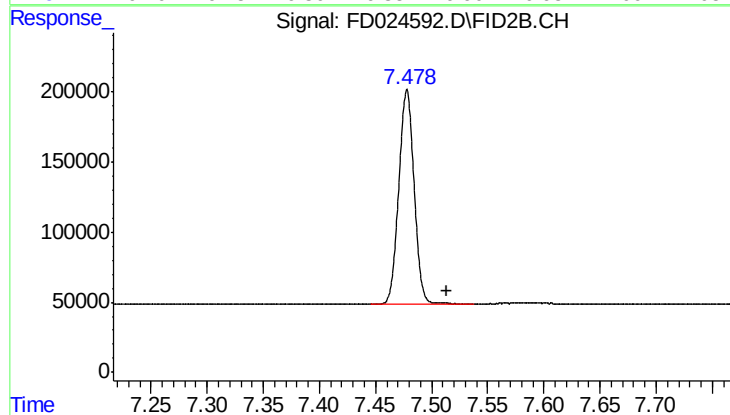
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.035 min
Response: 1706815
Conc: 18.56 ug/ml



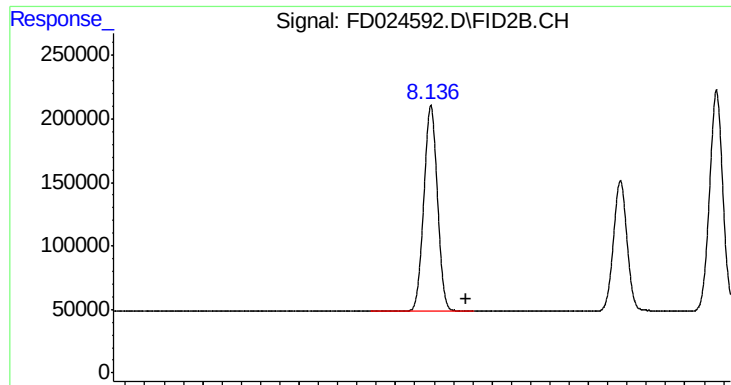
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.035 min
Response: 1631348
Conc: 18.01 ug/ml



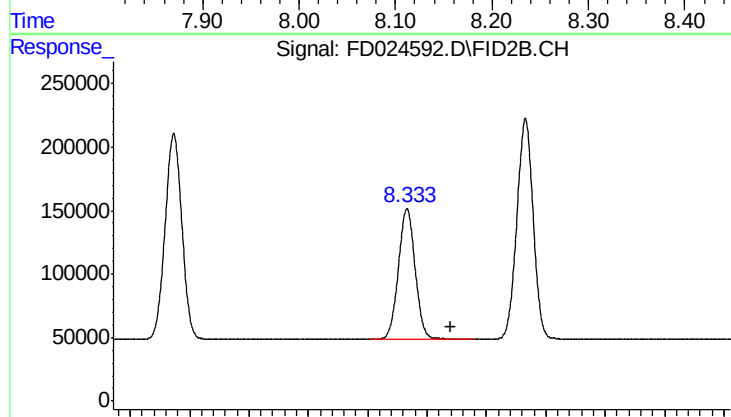
#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: -0.035 min
Response: 1448385
Conc: 18.04 ug/ml



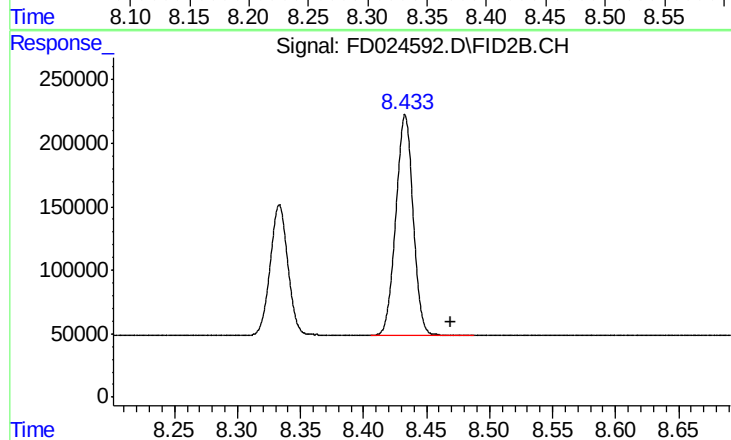
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: -0.036 min
Response: 1586555
Conc: 17.90 ug/ml



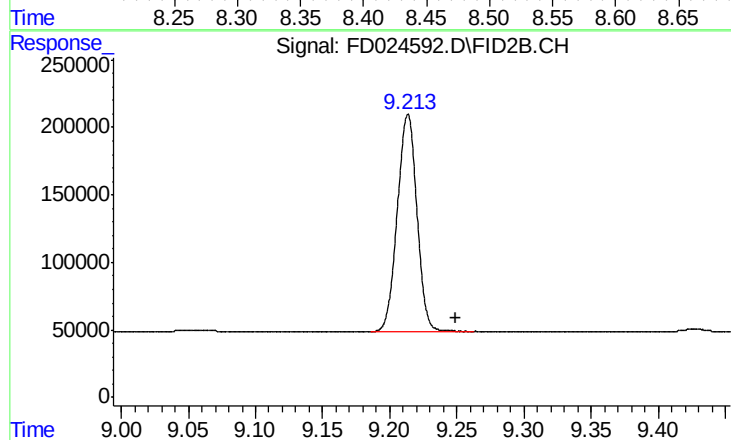
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: -0.036 min
Response: 1009525
Conc: 17.69 ug/ml



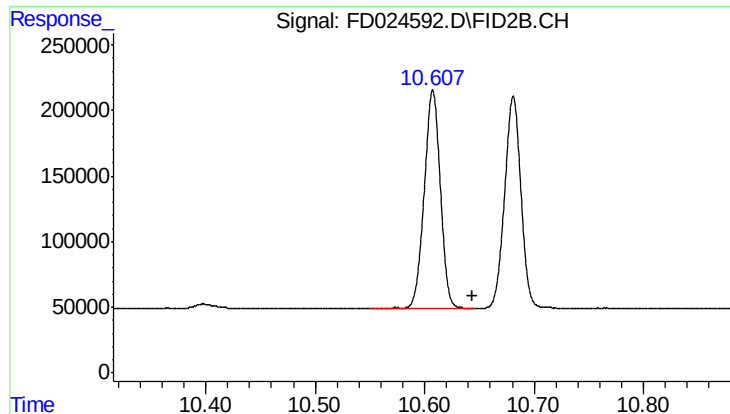
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.036 min
Response: 1656931
Conc: 17.86 ug/ml



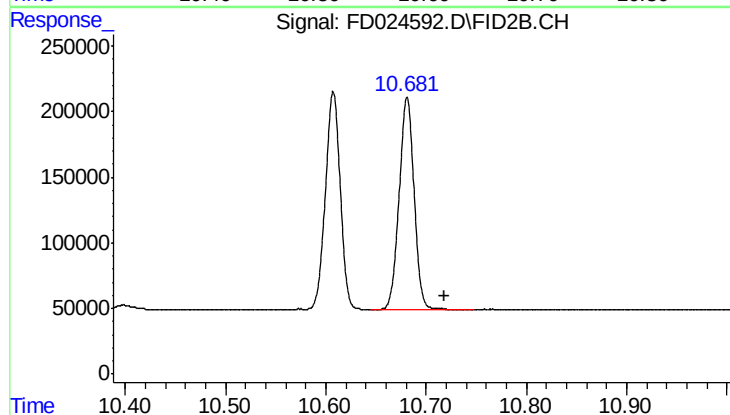
#8 Fluorene (C16.55)

R.T.: 9.214 min
Delta R.T.: -0.036 min
Response: 1637921
Conc: 17.53 ug/ml



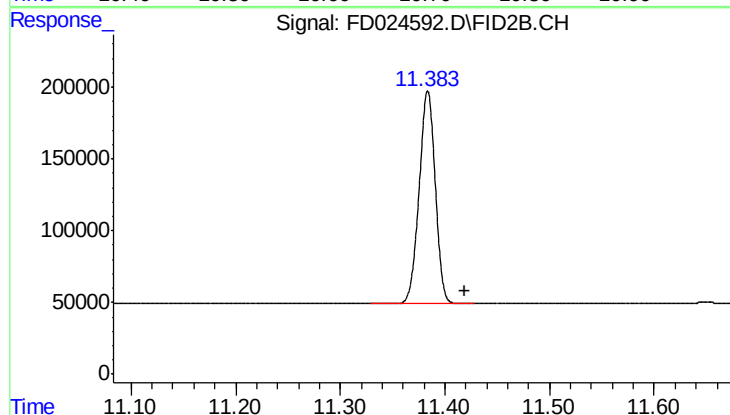
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: -0.036 min
Response: 1716151
Conc: 17.53 ug/ml



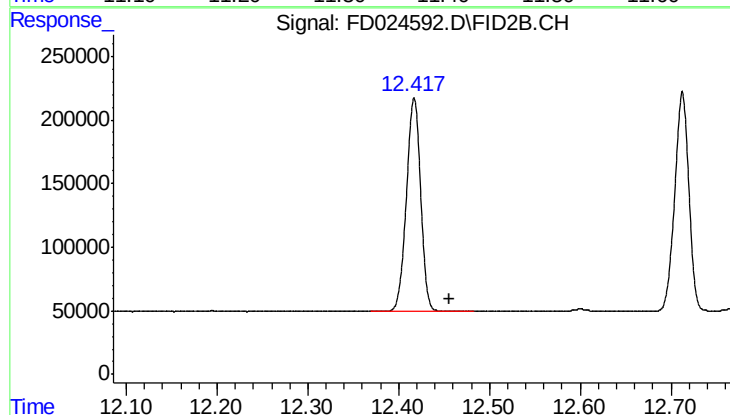
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.037 min
Response: 1676715
Conc: 17.20 ug/ml



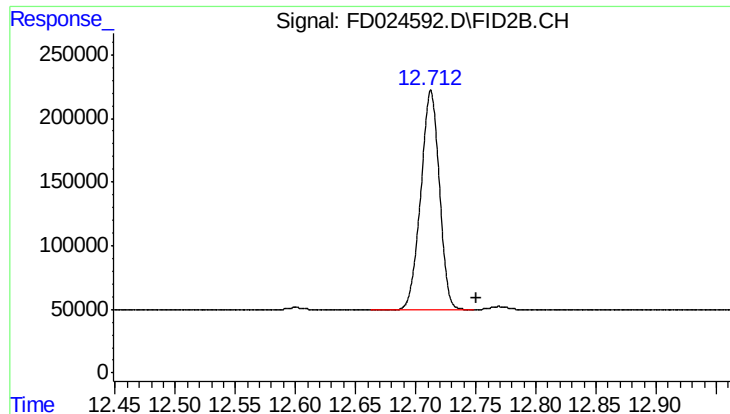
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.035 min
Response: 1586487
Conc: 17.06 ug/ml



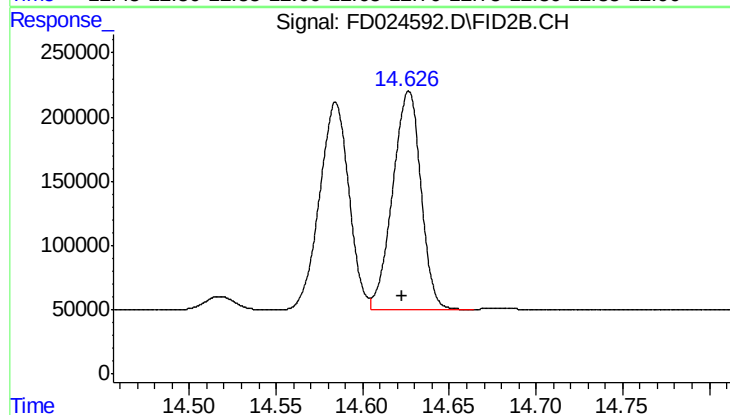
#12 Fluoranthene (C21.85)

R.T.: 12.417 min
Delta R.T.: -0.039 min
Response: 1836801
Conc: 17.97 ug/ml



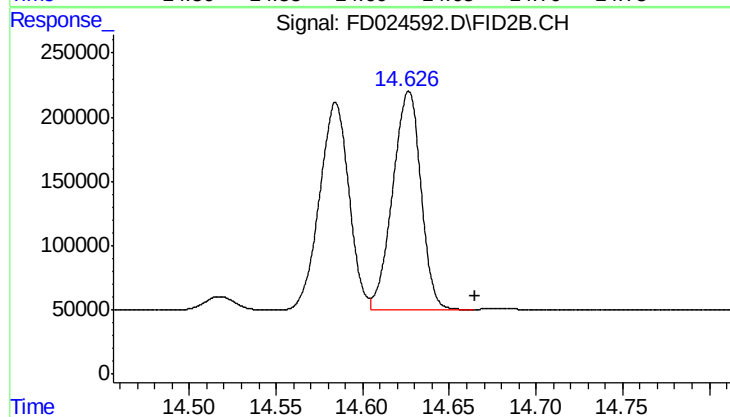
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: -0.038 min
Response: 1858393
Conc: 17.97 ug/ml



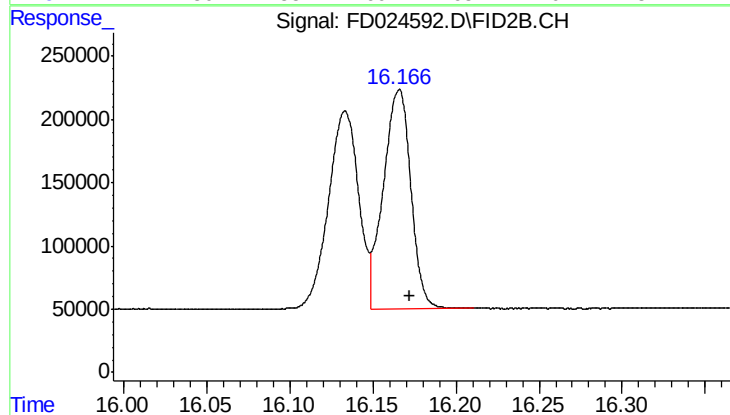
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.627 min
Delta R.T.: 0.004 min
Response: 1930281
Conc: 19.15 ug/ml



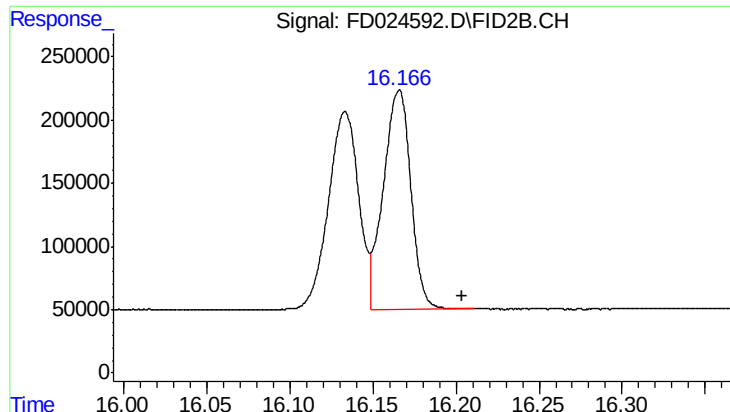
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: -0.038 min
Response: 1930281
Conc: 18.94 ug/ml



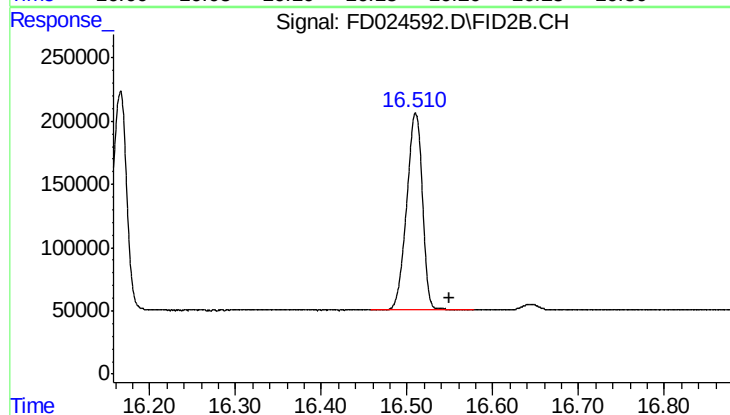
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.166 min
Delta R.T.: -0.006 min
Response: 2002920
Conc: 19.84 ug/ml



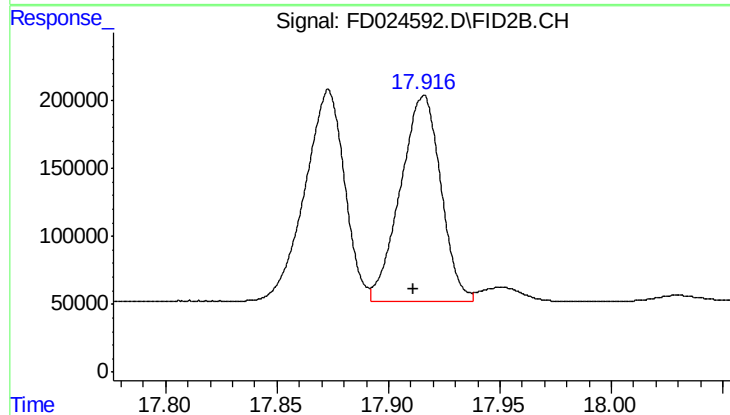
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: -0.038 min
Response: 2002920
Conc: 19.55 ug/ml



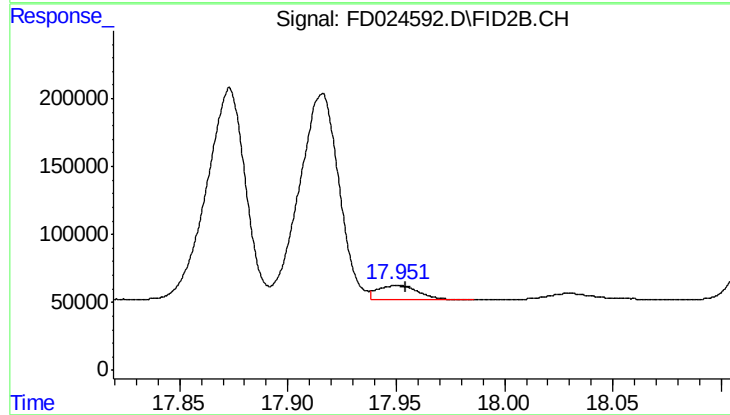
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.510 min
Delta R.T.: -0.039 min
Response: 1986816
Conc: 20.17 ug/ml



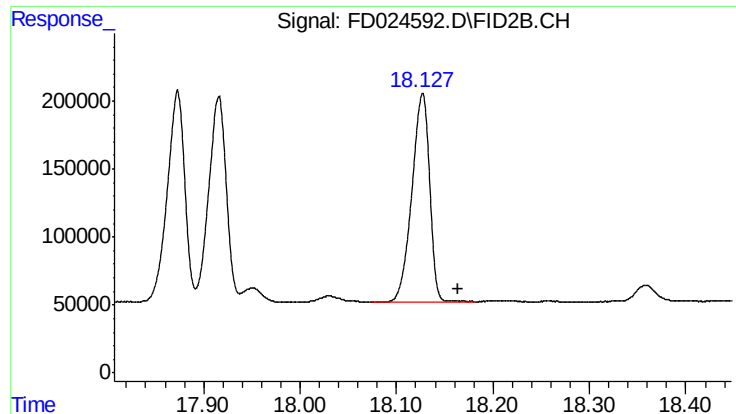
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.005 min
Response: 1922710
Conc: 23.41 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.003 min
Response: 138402
Conc: 1.54 ug/ml



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

R.T.: 18.127 min
Delta R.T.: -0.037 min
Response: 1957910
Conc: 23.49 ug/ml