

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD072018AR\
 Data File : FD025152.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2018 00:11
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 00:37:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.451	1668832	21.619 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
6) S 2-Fluorobiphenyl (SURR)	8.304	1169694	21.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.51%
11) S ortho-Terphenyl (SURR)	11.348	1876885	22.117 ug/ml
Spiked Amount 50.000		Recovery =	44.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.248	1636104	20.948 ug/ml
2) T Naphthalene (C11.7)	5.784	1832290	21.268 ug/ml
3) T 2-Methylnaphthalene (...)	6.836	1851252	21.531 ug/ml
5) T Acenaphthylene (C15.06)	8.108	1842450	21.692 ug/ml
7) T Acenaphthene (C15.5)	8.403	1932330	21.702 ug/ml
8) T Fluorene (C16.55)	9.183	1941596	21.801 ug/ml
9) T Phenanthrene (C19.36)	10.574	1950926	21.782 ug/ml
10) T Anthracene (C19.43)	10.647	1924060	21.850 ug/ml
12) T Fluoranthene (C21.85)	12.381	1896283	21.583 ug/ml
13) T Pyrene (C20.8)	12.675	1870855	21.289 ug/ml
14) T Benzo[alanthracene (C...	14.544	1713450	20.545 ug/ml
15) T Chrysene (C27.41)	14.586	1720367	20.422 ug/ml
16) T benzo[b]fluoranthene ...	16.090	1828370	20.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	1829277	20.318 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	1858476	20.191 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	2018361	21.393 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	1954578	21.359 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.083	2010890	20.758 ug/ml

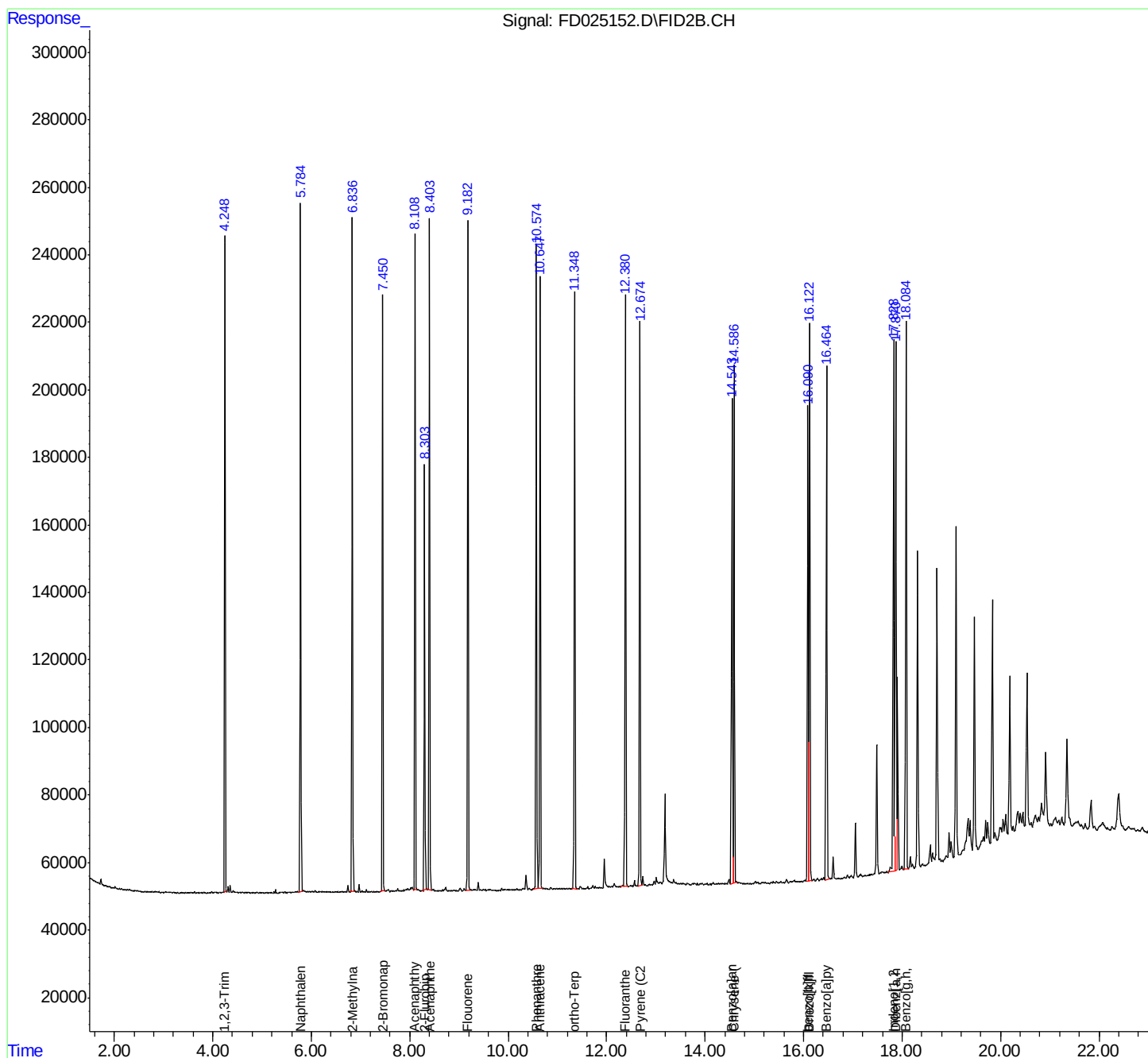
(f)=RT Delta > 1/2 Window

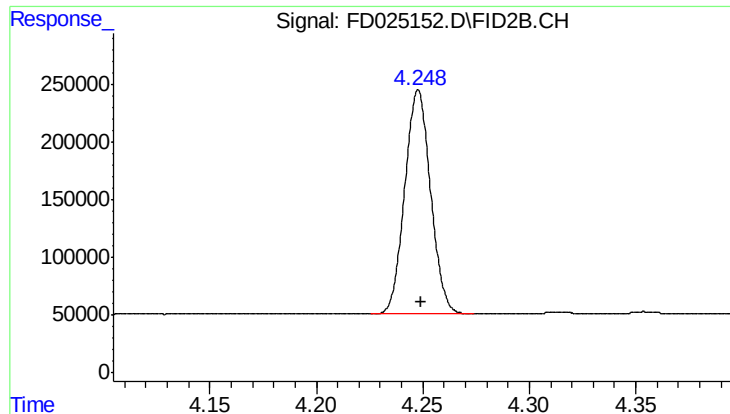
(m)=manual int.

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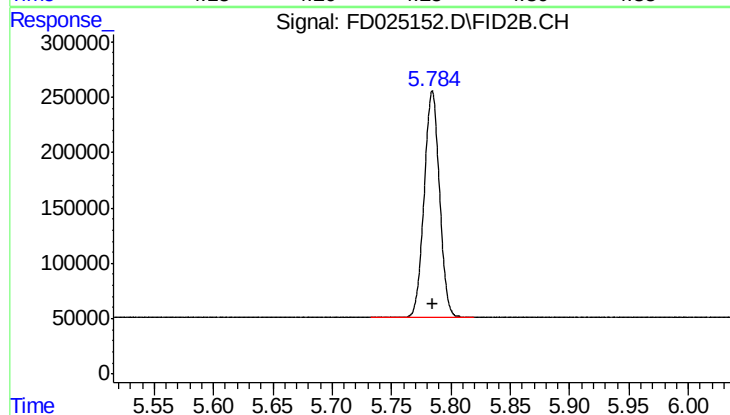
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





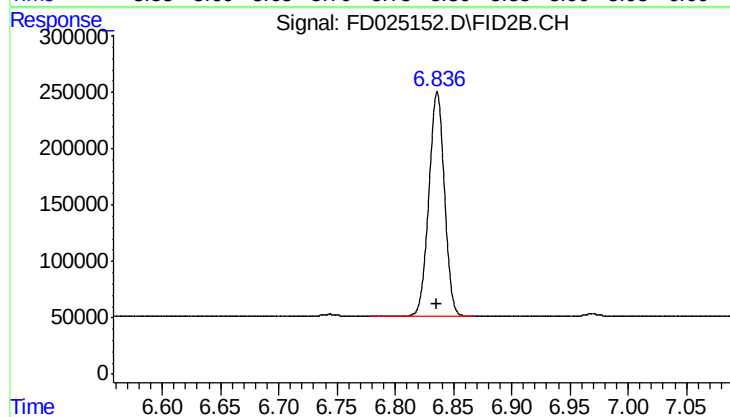
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.248 min
Delta R.T.: -0.002 min
Response: 1636104
Conc: 20.95 ug/ml



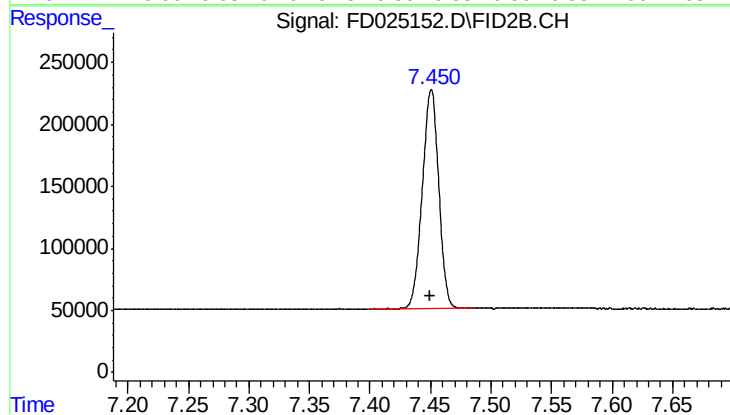
#2 Naphthalene (C11.7)

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1832290
Conc: 21.27 ug/ml



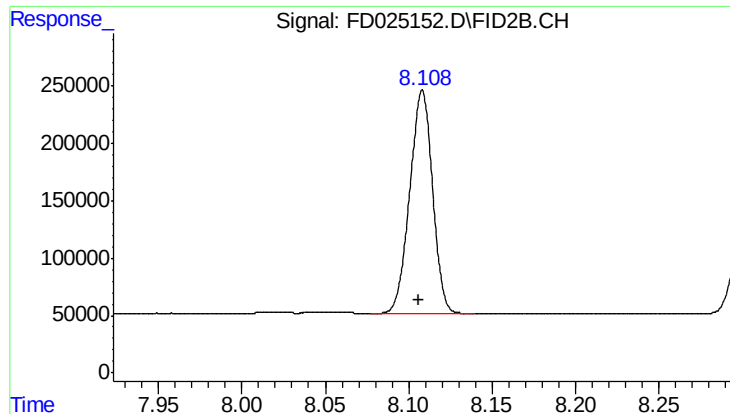
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 1851252
Conc: 21.53 ug/ml



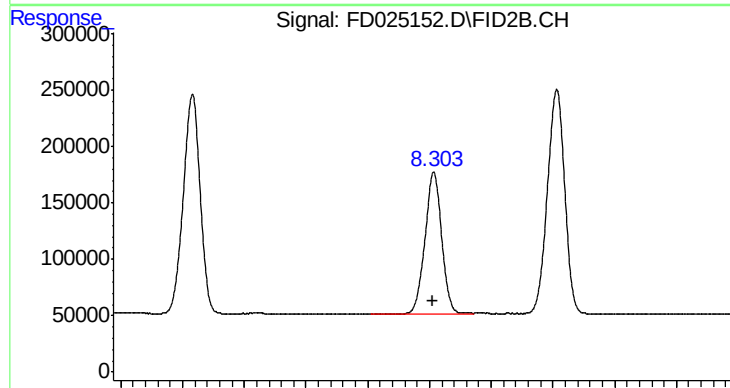
#4 2-Bromonaphthalene (SURR)

R.T.: 7.451 min
Delta R.T.: 0.001 min
Response: 1668832
Conc: 21.62 ug/ml



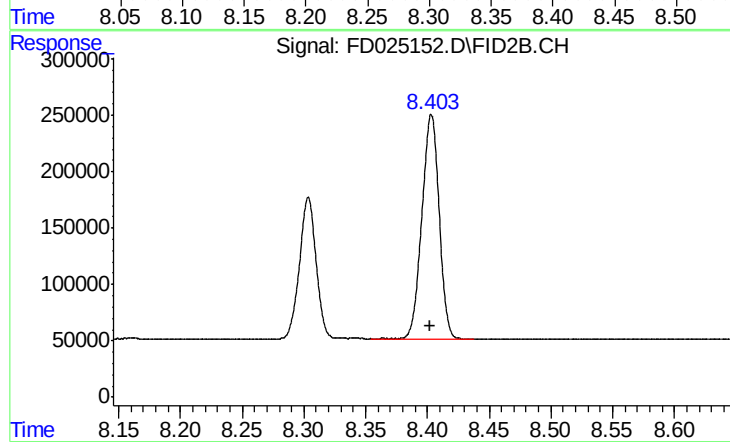
#5 Acenaphthylene (C15.06)

R.T.: 8.108 min
Delta R.T.: 0.002 min
Response: 1842450
Conc: 21.69 ug/ml



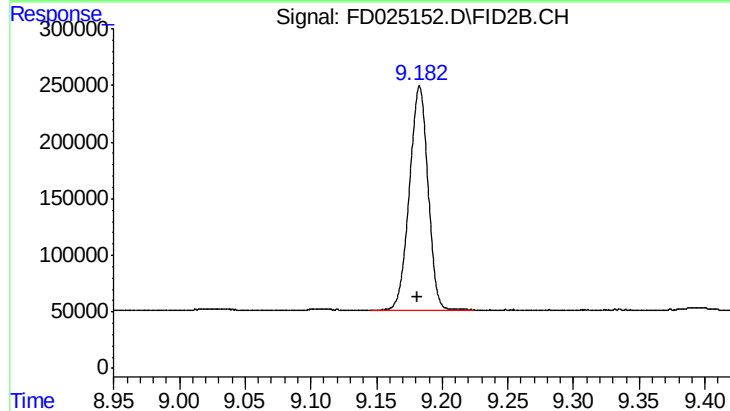
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.304 min
Delta R.T.: 0.000 min
Response: 1169694
Conc: 21.75 ug/ml



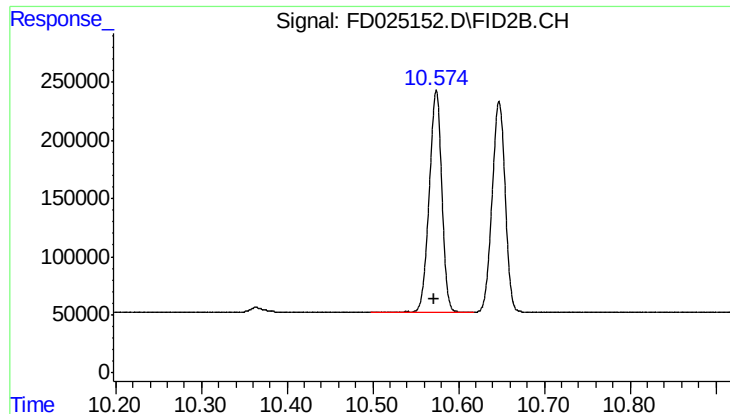
#7 Acenaphthene (C15.5)

R.T.: 8.403 min
Delta R.T.: 0.001 min
Response: 1932330
Conc: 21.70 ug/ml



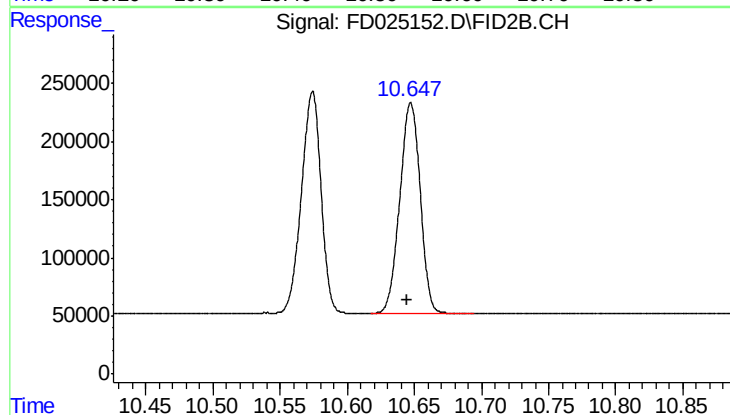
#8 Fluorene (C16.55)

R.T.: 9.183 min
Delta R.T.: 0.002 min
Response: 1941596
Conc: 21.80 ug/ml



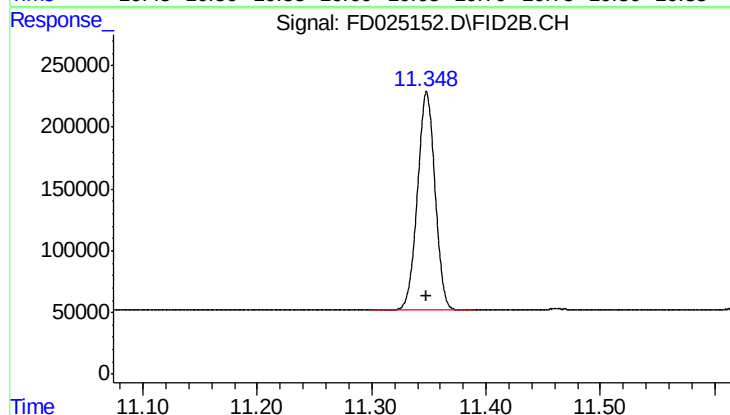
#9 Phenanthrene (C19.36)

R.T.: 10.574 min
Delta R.T.: 0.002 min
Response: 1950926
Conc: 21.78 ug/ml



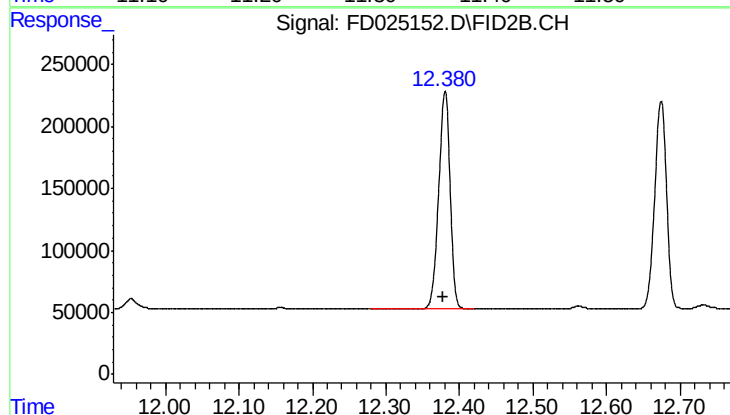
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: 0.002 min
Response: 1924060
Conc: 21.85 ug/ml



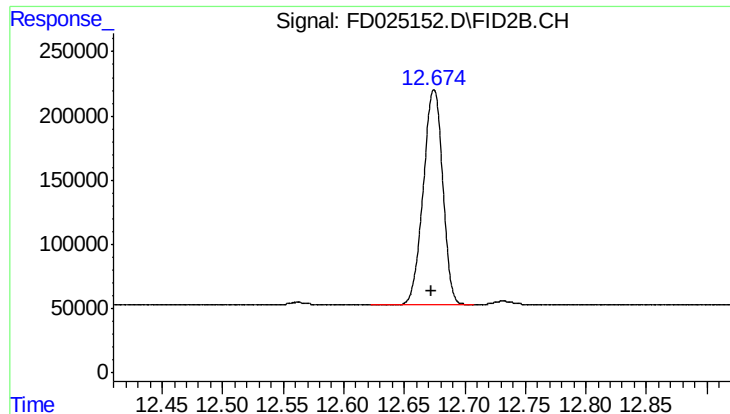
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 1876885
Conc: 22.12 ug/ml



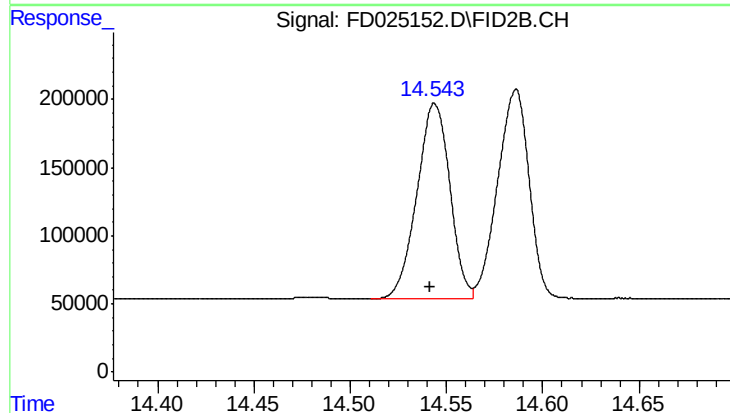
#12 Fluoranthene (C21.85)

R.T.: 12.381 min
Delta R.T.: 0.003 min
Response: 1896283
Conc: 21.58 ug/ml



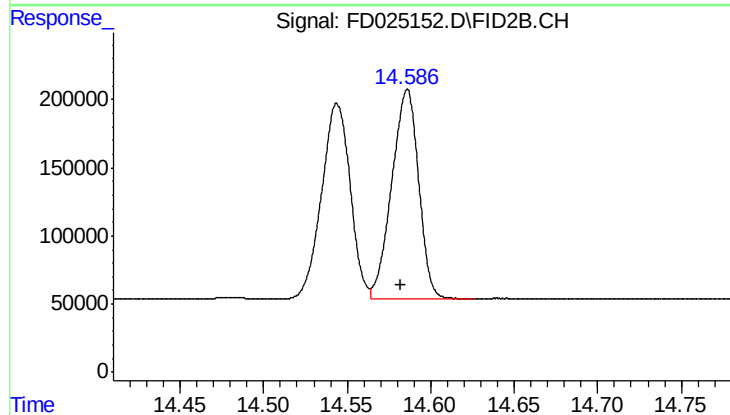
#13 Pyrene (C20.8)

R.T.: 12.675 min
Delta R.T.: 0.003 min
Response: 1870855
Conc: 21.29 ug/ml



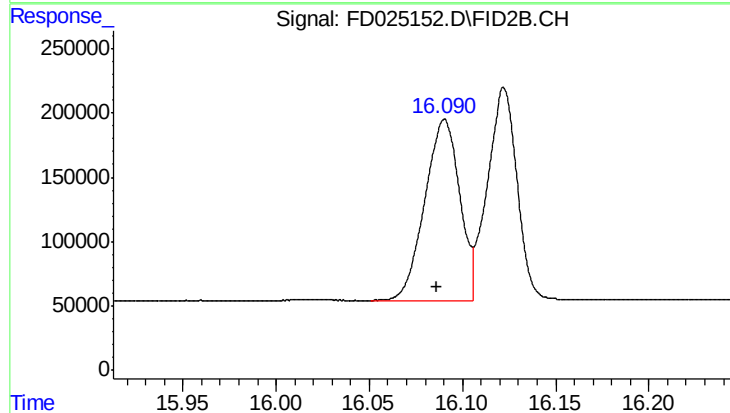
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.003 min
Response: 1713450
Conc: 20.54 ug/ml



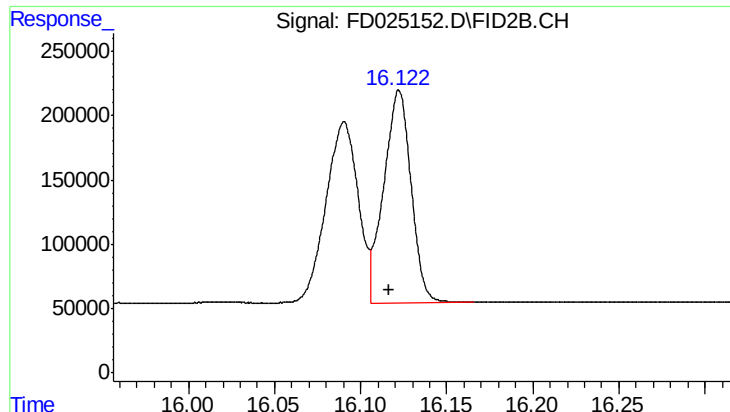
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.004 min
Response: 1720367
Conc: 20.42 ug/ml



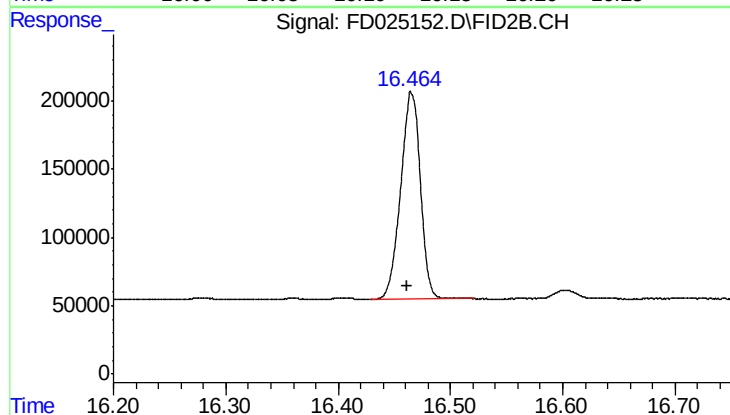
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.090 min
Delta R.T.: 0.004 min
Response: 1828370
Conc: 20.32 ug/ml



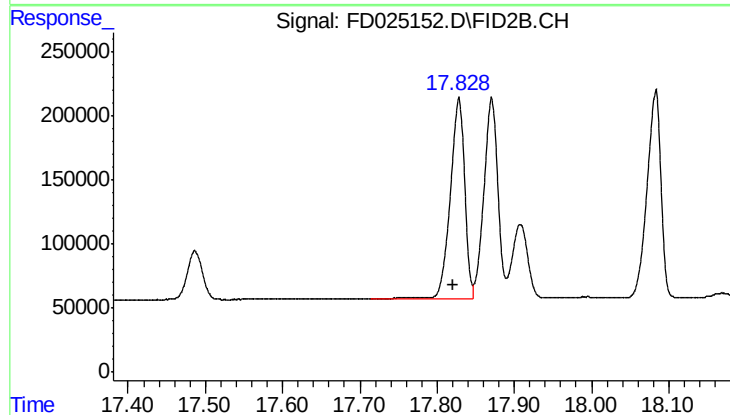
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.122 min
Delta R.T.: 0.006 min
Response: 1829277
Conc: 20.32 ug/ml



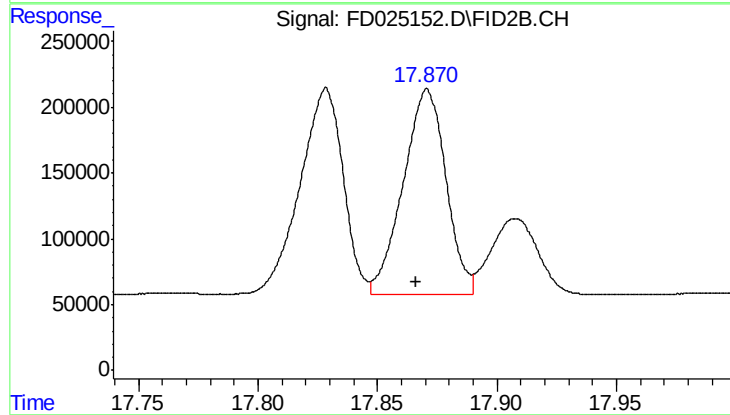
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.004 min
Response: 1858476
Conc: 20.19 ug/ml



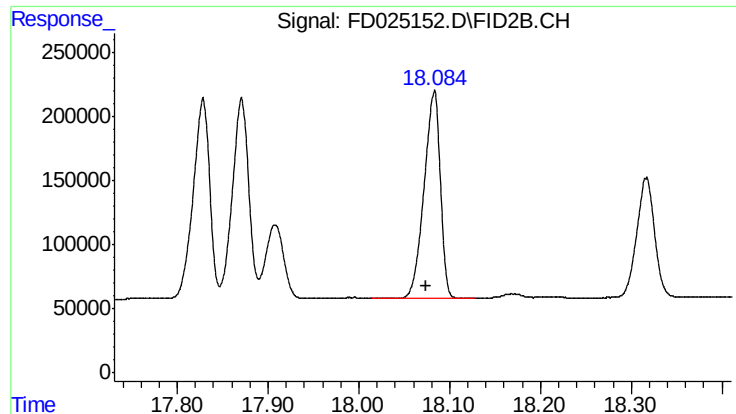
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.007 min
Response: 2018361
Conc: 21.39 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.005 min
Response: 1954578
Conc: 21.36 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.010 min
Response: 2010890
Conc: 20.76 ug/ml