

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012519AR\
 Data File : FD027437.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2019 4:53
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 04:27:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.352	1634657	17.304 ug/ml
Spiked Amount 50.000		Recovery =	34.61%
6) S 2-Fluorobiphenyl (SURR)	8.201	1144232	17.943 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.89%
11) S ortho-Terphenyl (SURR)	11.240	2034805	19.090 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	1757085	17.331 ug/ml
2) T Naphthalene (C11.7)	5.688	1858671	17.170 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	1850331	17.319 ug/ml
5) T Acenaphthylene (C15.06)	8.005	1850292	17.990 ug/ml
7) T Acenaphthene (C15.5)	8.300	1936901	17.979 ug/ml
8) T Fluorene (C16.55)	9.077	1944466	18.263 ug/ml
9) T Phenanthrene (C19.36)	10.465	2027324	19.217 ug/ml
10) T Anthracene (C19.43)	10.539	1990895	19.076 ug/ml
12) T Fluoranthene (C21.85)	12.268	2104240	20.205 ug/ml
13) T Pyrene (C20.8)	12.562	2109076	20.425 ug/ml
14) T Benzo[a]anthracene (C...	14.429	2075457	21.161 ug/ml
15) T Chrysene (C27.41)	14.470	2097392	21.333 ug/ml
16) T benzo[b]fluoranthene ...	15.974	2121170	20.984 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	2165002	21.420 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.349	2082526	20.594 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.709	1899704	18.203 ug/mlm
20) T Dibenz[a,h]anthracene...	17.752	2047422	19.987 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.961	1873657	17.772 ug/ml

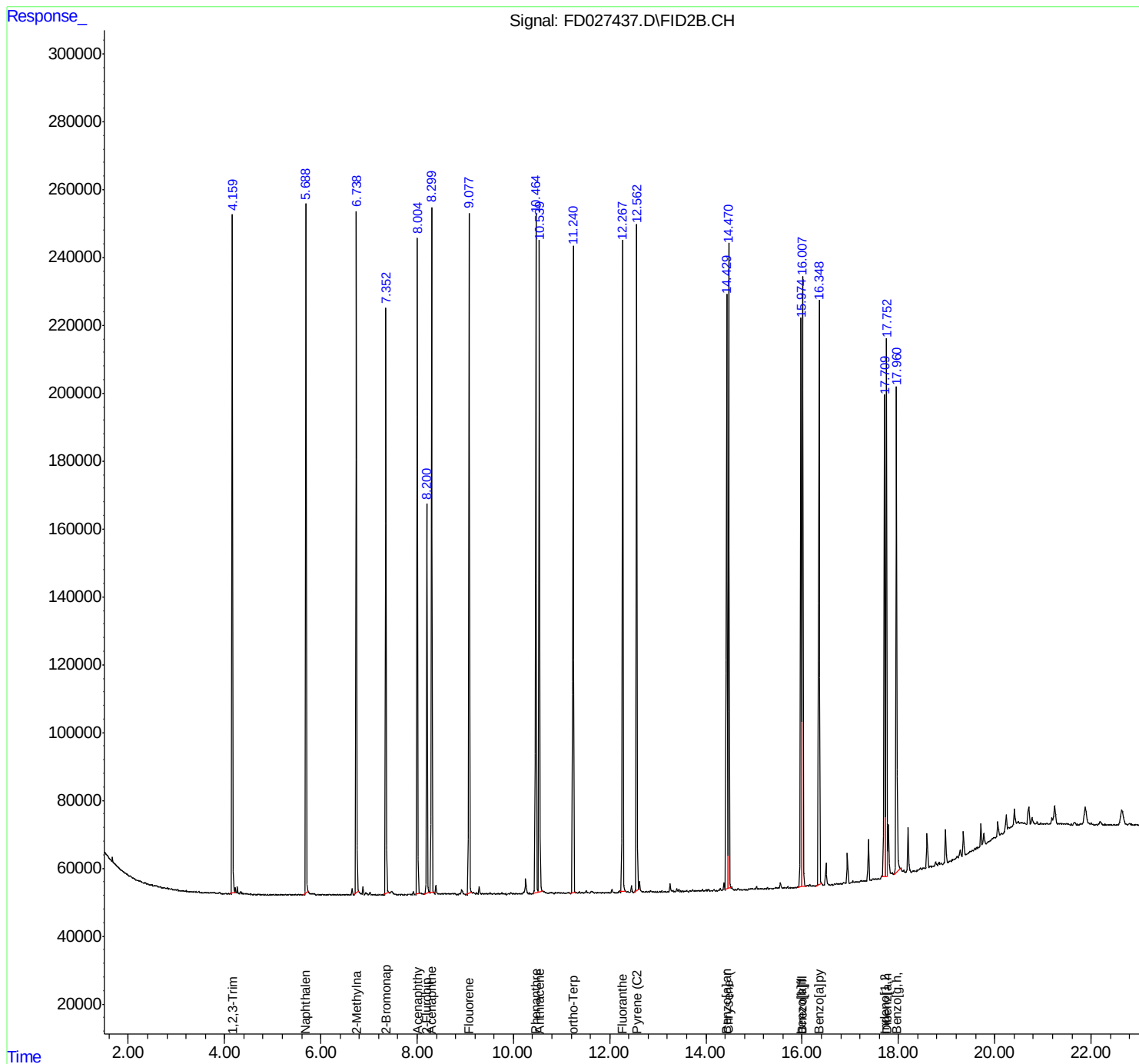
(f)=RT Delta > 1/2 Window

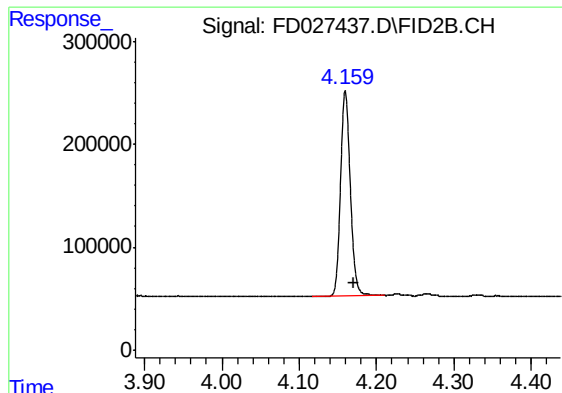
(m)=manual int.

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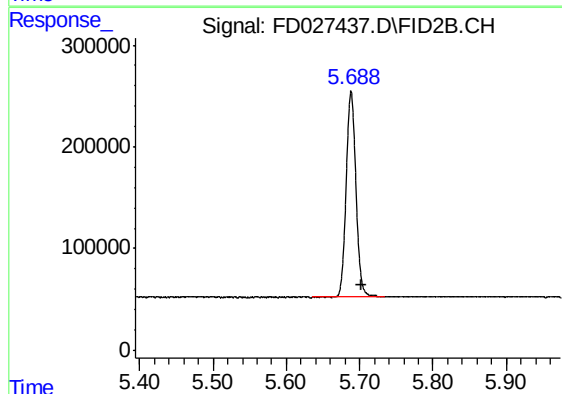
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





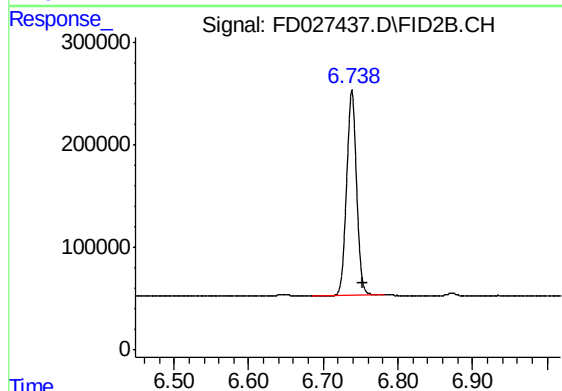
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.160 min
Delta R.T.: -0.011 min
Response: 1757085
Conc: 17.33 ug/ml



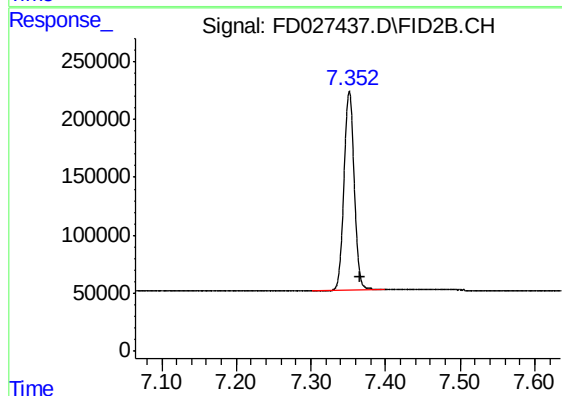
#2 Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.013 min
Response: 1858671
Conc: 17.17 ug/ml



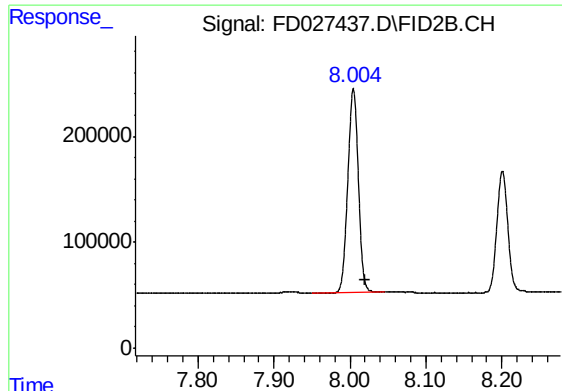
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.014 min
Response: 1850331
Conc: 17.32 ug/ml



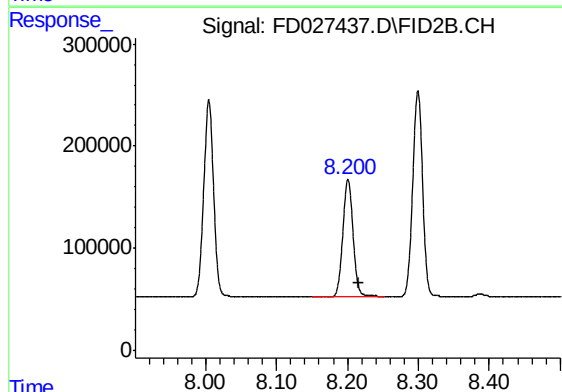
#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.014 min
Response: 1634657
Conc: 17.30 ug/ml



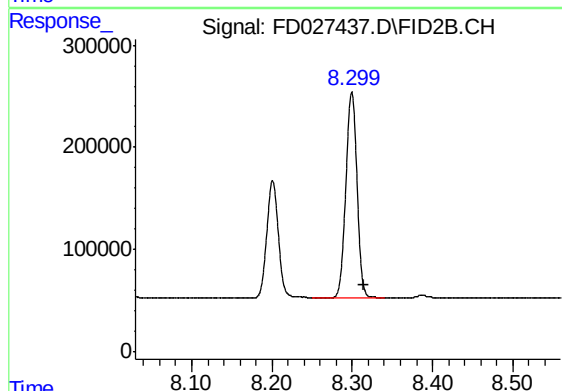
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: -0.015 min
Response: 1850292
Conc: 17.99 ug/ml



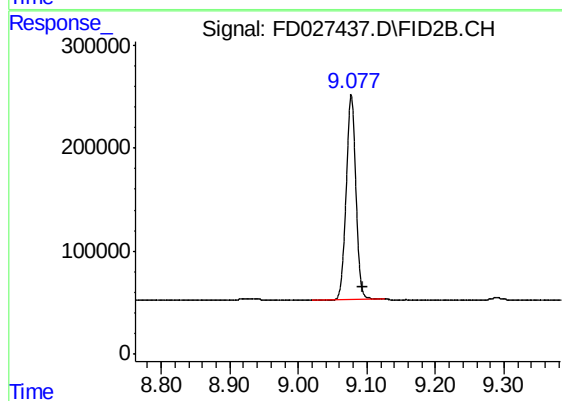
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.014 min
Response: 1144232
Conc: 17.94 ug/ml



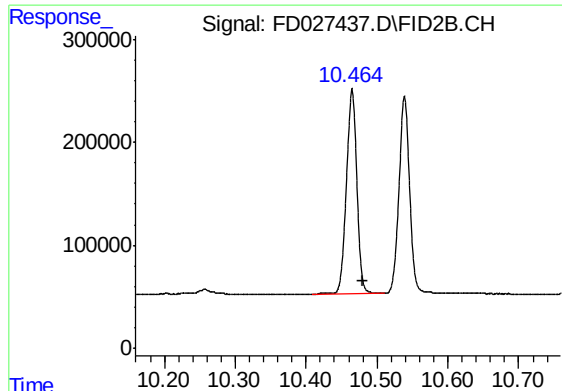
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: -0.015 min
Response: 1936901
Conc: 17.98 ug/ml



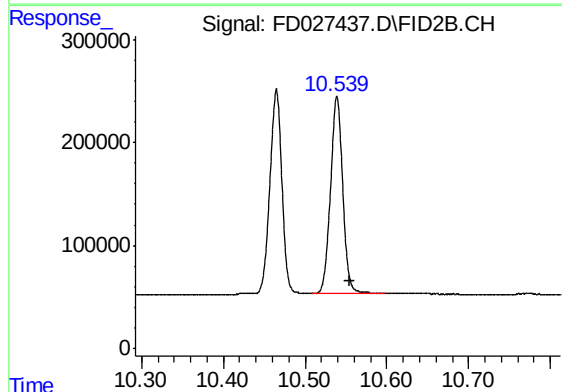
#8 Flouorene (C16.55)

R.T.: 9.077 min
Delta R.T.: -0.016 min
Response: 1944466
Conc: 18.26 ug/ml



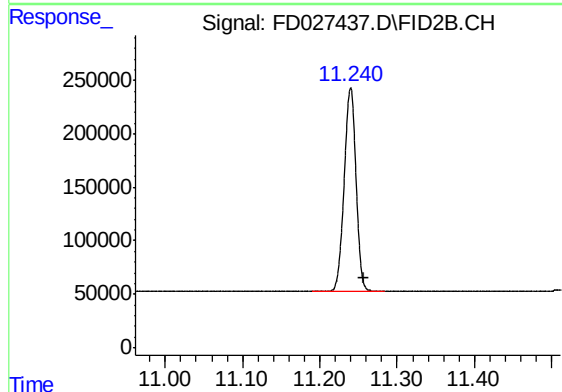
#9 Phenanthrene (C19.36)

R.T.: 10.465 min
Delta R.T.: -0.016 min
Response: 2027324
Conc: 19.22 ug/ml



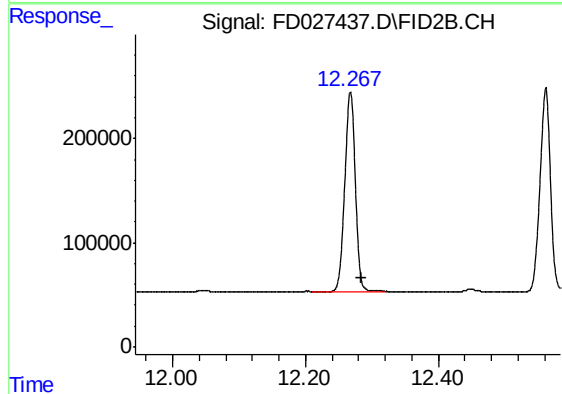
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: -0.016 min
Response: 1990895
Conc: 19.08 ug/ml



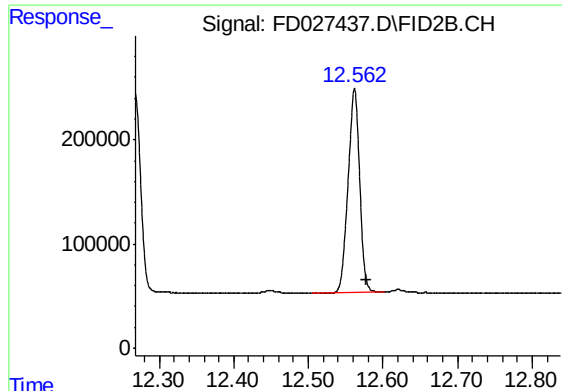
#11 ortho-Terphenyl (SURRE)

R.T.: 11.240 min
Delta R.T.: -0.017 min
Response: 2034805
Conc: 19.09 ug/ml



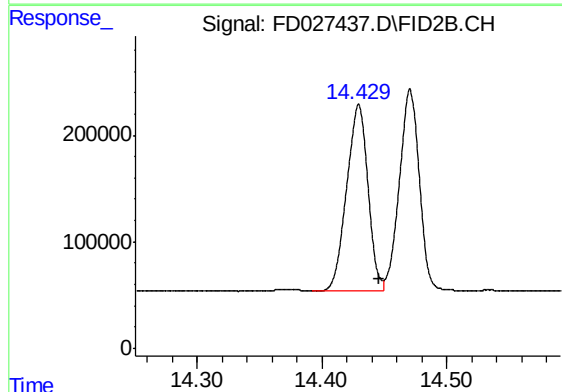
#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.016 min
Response: 2104240
Conc: 20.20 ug/ml



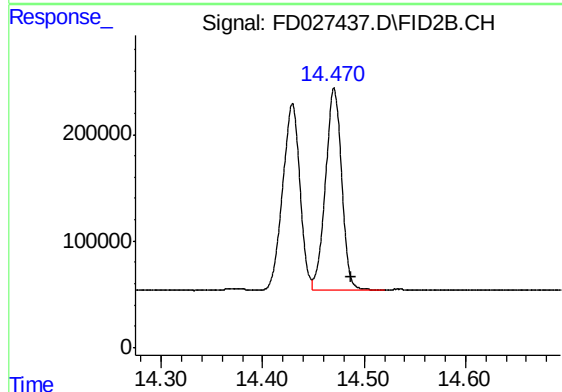
#13 Pyrene (C20.8)

R.T.: 12.562 min
Delta R.T.: -0.016 min
Response: 2109076
Conc: 20.43 ug/ml



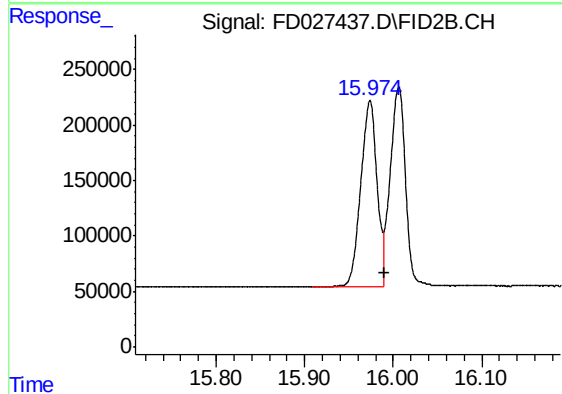
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: -0.016 min
Response: 2075457
Conc: 21.16 ug/ml



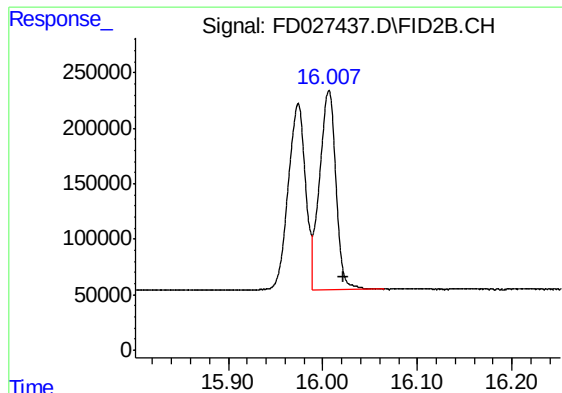
#15 Chrysene (C27.41)

R.T.: 14.470 min
Delta R.T.: -0.016 min
Response: 2097392
Conc: 21.33 ug/ml



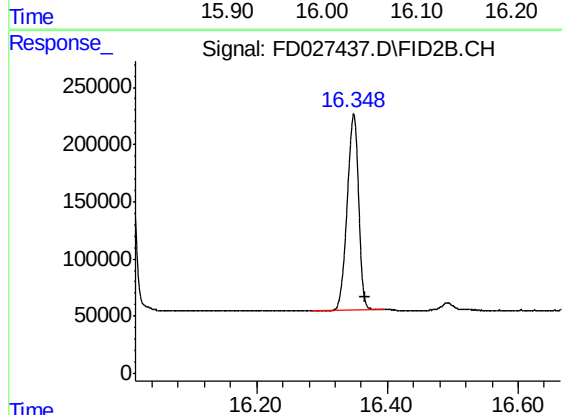
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.974 min
Delta R.T.: -0.016 min
Response: 2121170
Conc: 20.98 ug/ml



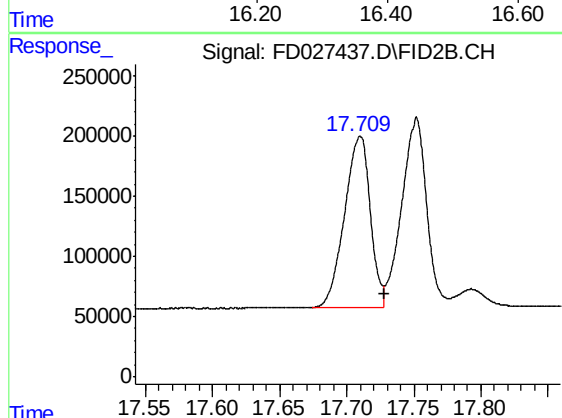
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: -0.015 min
Response: 2165002
Conc: 21.42 ug/ml



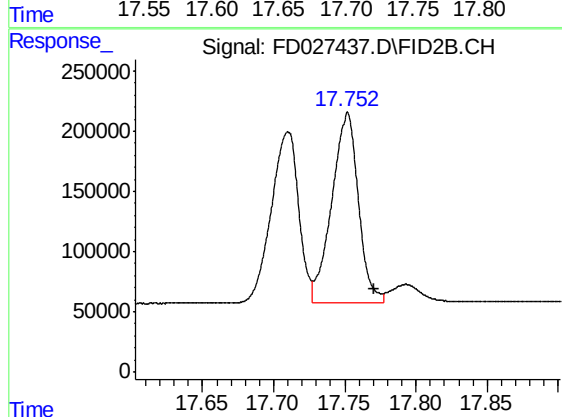
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.349 min
Delta R.T.: -0.017 min
Response: 2082526
Conc: 20.59 ug/ml



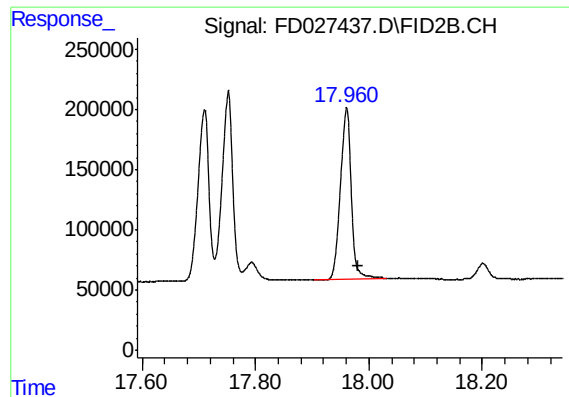
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.709 min
Delta R.T.: -0.019 min
Response: 1899704
Conc: 18.20 ug/ml m



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

R.T.: 17.752 min
Delta R.T.: -0.019 min
Response: 2047422
Conc: 19.99 ug/ml m



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

R.T.: 17.961 min
Delta R.T.: -0.019 min
Response: 1873657
Conc: 17.77 ug/ml