

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011519AR\
 Data File : FD027292.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2019 22:05
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 06:35:33 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...	7.358	1618427	17.132 ug/ml
Spiked Amount 50.000		Recovery =	34.26%
6) S 2-Fluorobiphenyl (SURR)	8.208	1114056	17.470 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.94%
11) S ortho-Terphenyl (SURR)	11.248	1927606	18.084 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	1761928	17.378 ug/ml
2) T Naphthalene (C11.7)	5.695	1863643	17.216 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	1843189	17.252 ug/ml
5) T Acenaphthylene (C15.06)	8.011	1804893	17.548 ug/ml
7) T Acenaphthene (C15.5)	8.306	1885772	17.504 ug/ml
8) T Fluorene (C16.55)	9.084	1875267	17.613 ug/ml
9) T Phenanthrene (C19.36)	10.472	1923820	18.235 ug/ml
10) T Anthracene (C19.43)	10.546	1911745	18.317 ug/ml
12) T Fluoranthene (C21.85)	12.275	2002655	19.229 ug/ml
13) T Pyrene (C20.8)	12.569	2020551	19.568 ug/ml
14) T Benzo[a]anthracene (C...	14.437	1982824	20.217 ug/ml
15) T Chrysene (C27.41)	14.479	2007128	20.415 ug/ml
16) T benzo[b]fluoranthene ...	15.982	2040760	20.189 ug/ml
17) T Bnezo[k]fluoranthene ...	16.014	2065073	20.431 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	2026038	20.035 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.716	1956382	18.746 ug/ml
20) T Dibenz[a,h]anthracene...	17.761	1957730	19.111 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	1992672	18.901 ug/ml

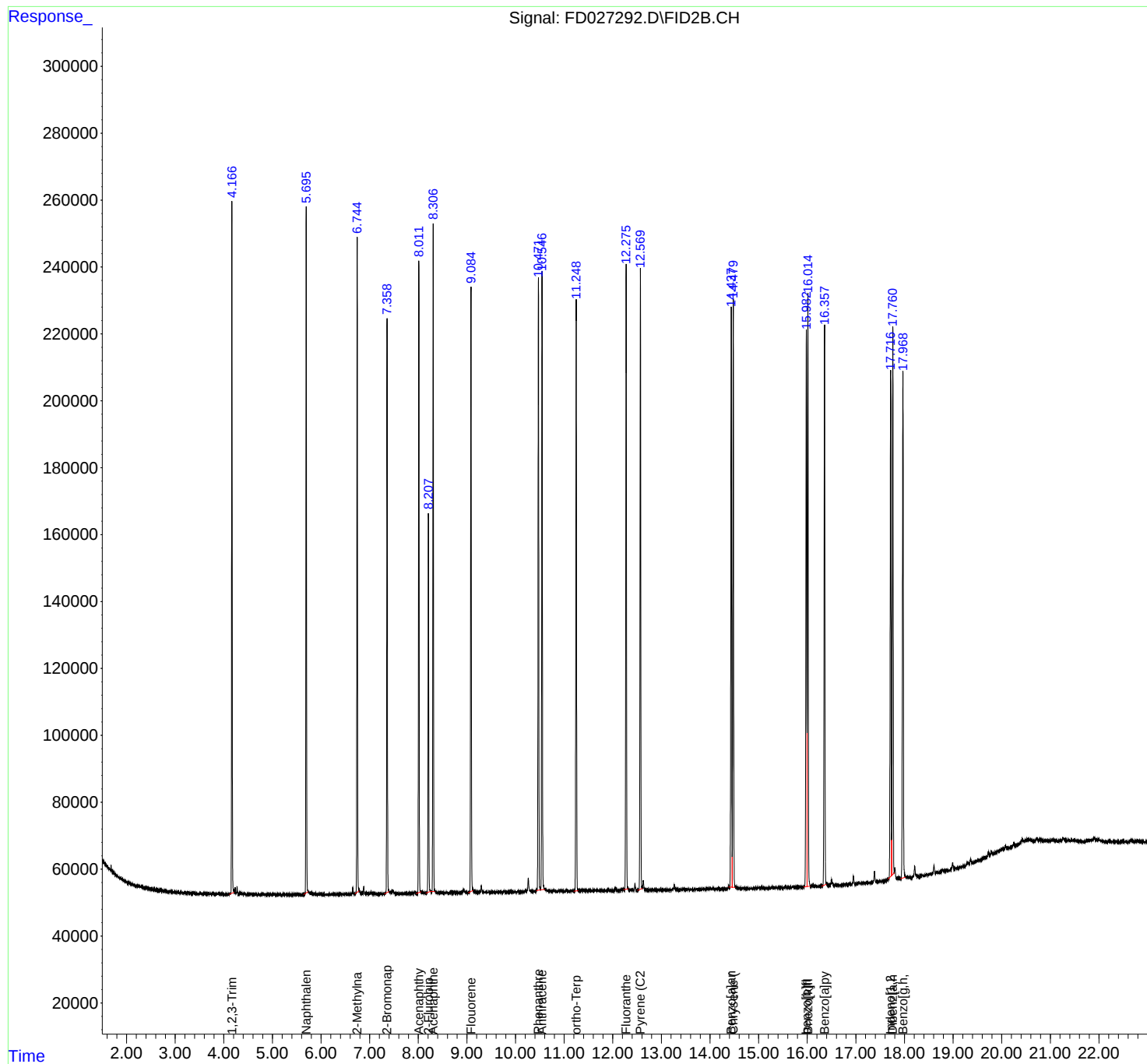
(f)=RT Delta > 1/2 Window

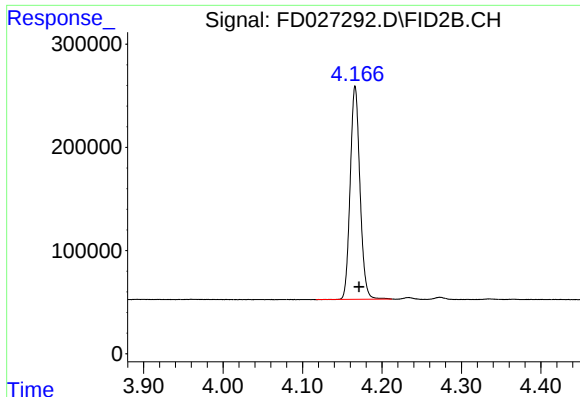
(m)=manual int.

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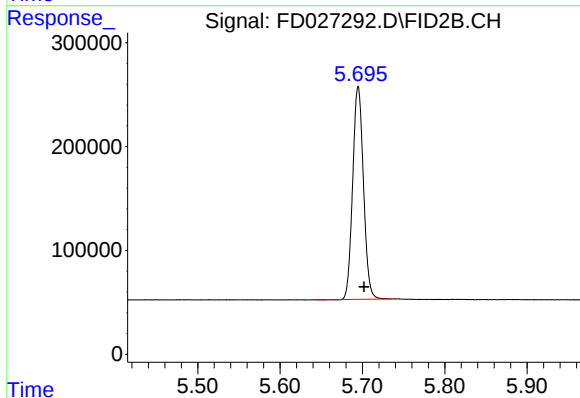
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Signal Info : 20M x 0.18mm x 0.18µm





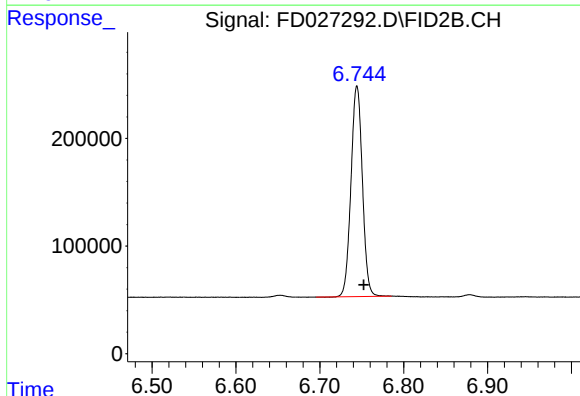
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.005 min
Response: 1761928
Conc: 17.38 ug/ml



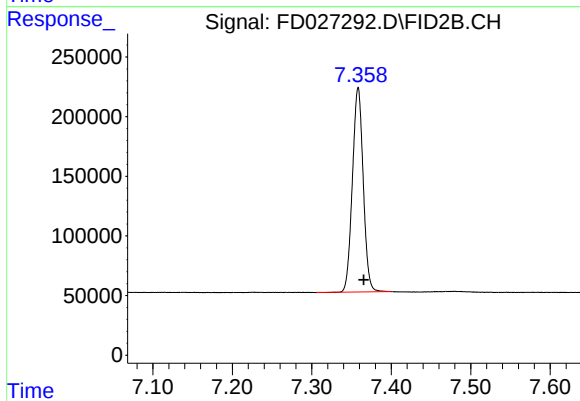
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.007 min
Response: 1863643
Conc: 17.22 ug/ml



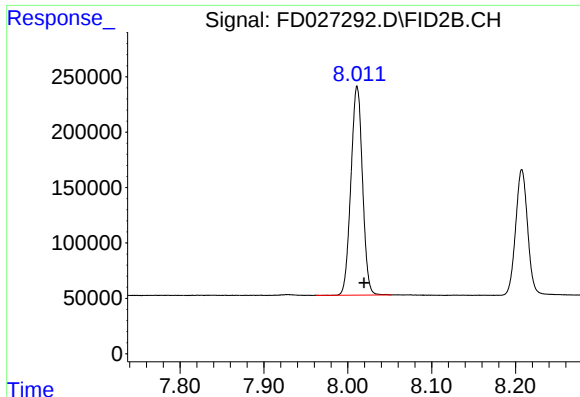
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 1843189
Conc: 17.25 ug/ml



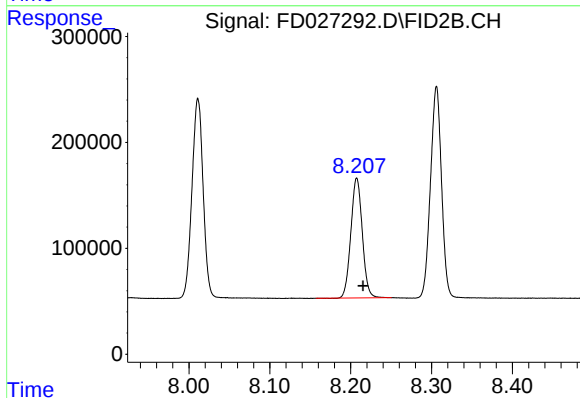
#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.007 min
Response: 1618427
Conc: 17.13 ug/ml



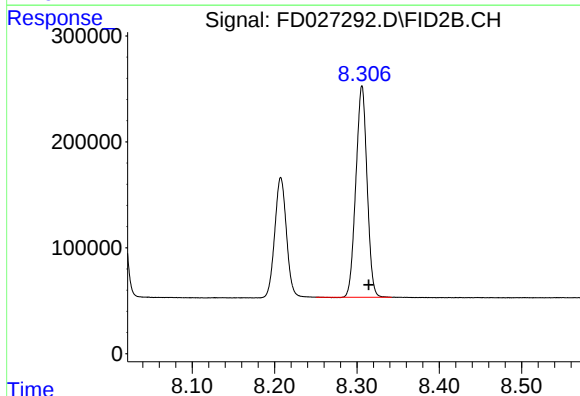
#5 Acenaphthylene (C15.06)

R.T.: 8.011 min
Delta R.T.: -0.008 min
Response: 1804893
Conc: 17.55 ug/ml



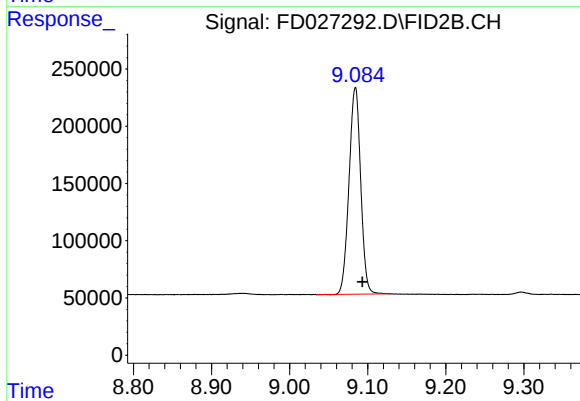
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.008 min
Response: 1114056
Conc: 17.47 ug/ml



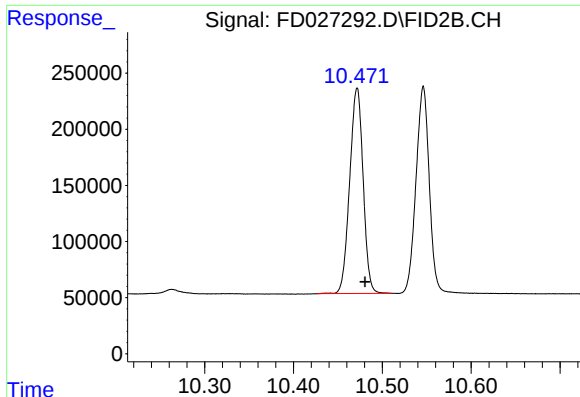
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 1885772
Conc: 17.50 ug/ml



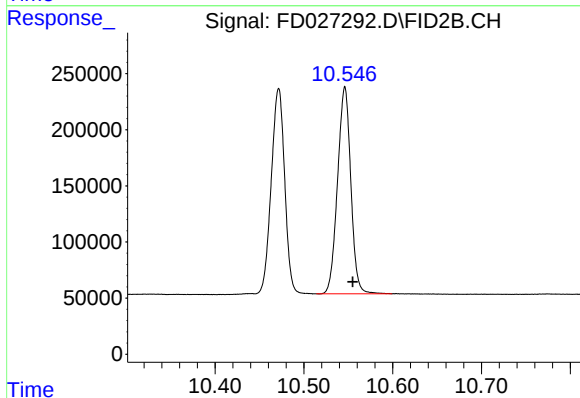
#8 Fluorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.009 min
Response: 1875267
Conc: 17.61 ug/ml



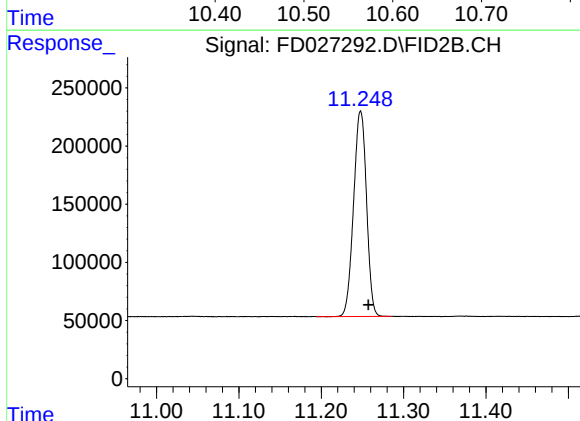
#9 Phenanthrene (C19.36)

R.T.: 10.472 min
Delta R.T.: -0.009 min
Response: 1923820
Conc: 18.24 ug/ml



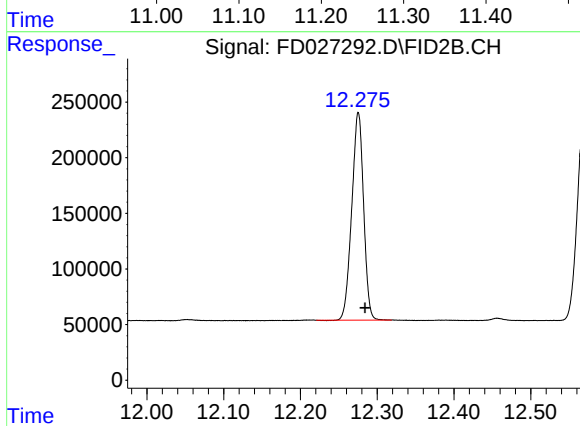
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: -0.009 min
Response: 1911745
Conc: 18.32 ug/ml



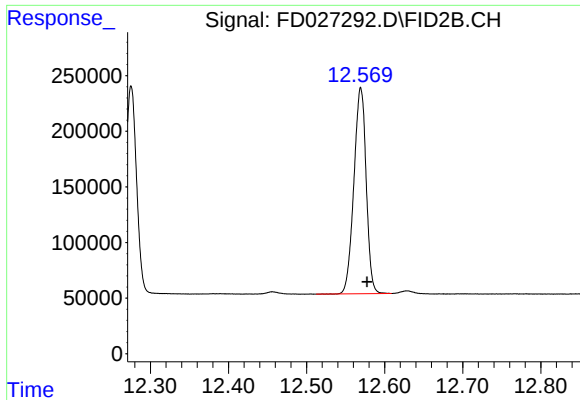
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: -0.009 min
Response: 1927606
Conc: 18.08 ug/ml



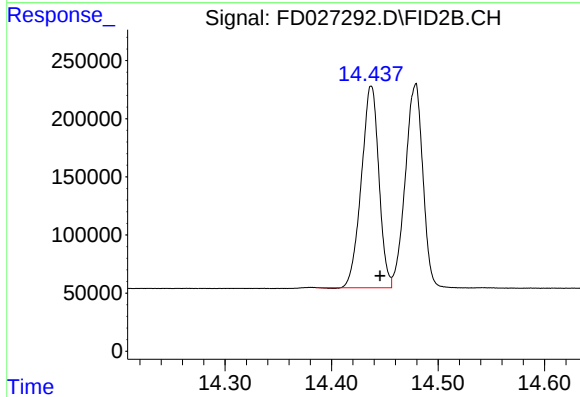
#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: -0.009 min
Response: 2002655
Conc: 19.23 ug/ml



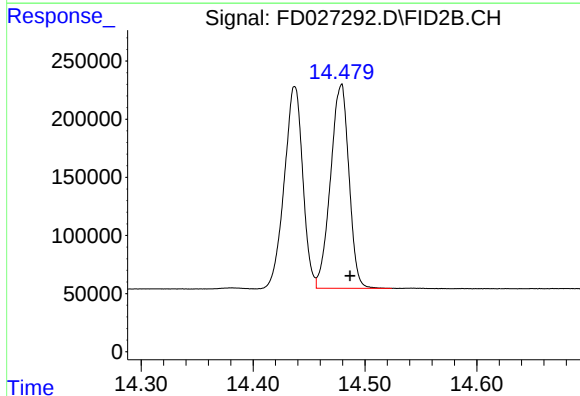
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: -0.008 min
Response: 2020551
Conc: 19.57 ug/ml



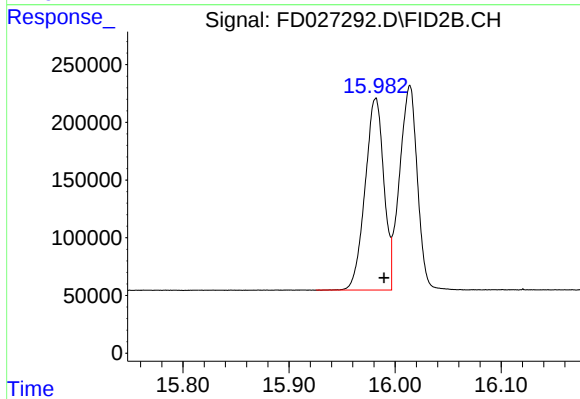
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: -0.008 min
Response: 1982824
Conc: 20.22 ug/ml



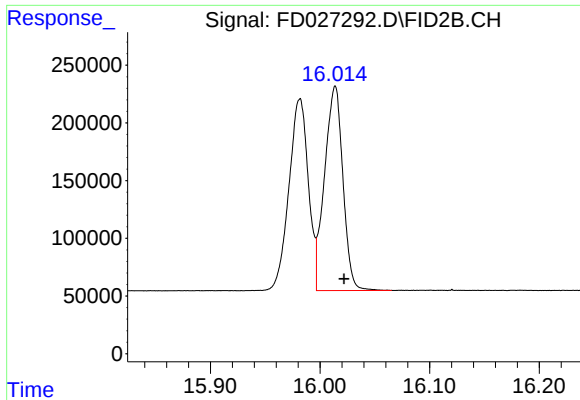
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: -0.008 min
Response: 2007128
Conc: 20.41 ug/ml



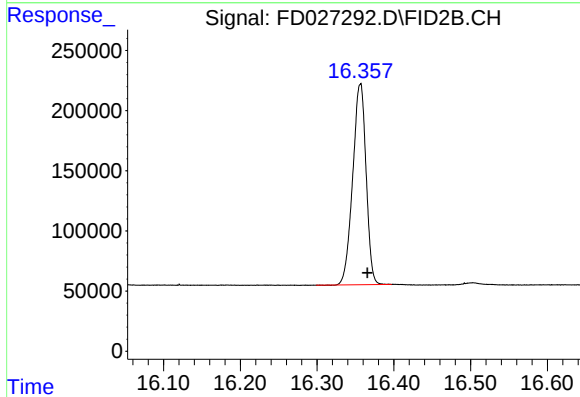
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.982 min
Delta R.T.: -0.008 min
Response: 2040760
Conc: 20.19 ug/ml



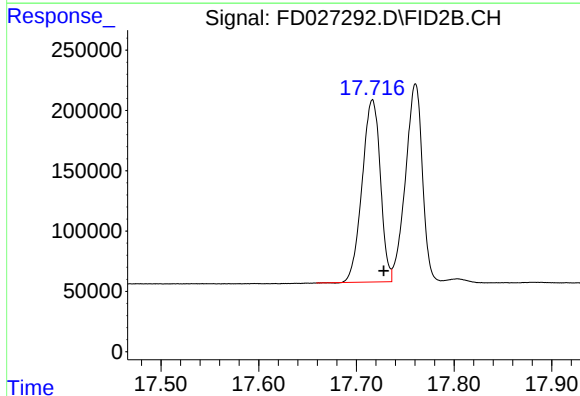
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.014 min
Delta R.T.: -0.008 min
Response: 2065073
Conc: 20.43 ug/ml



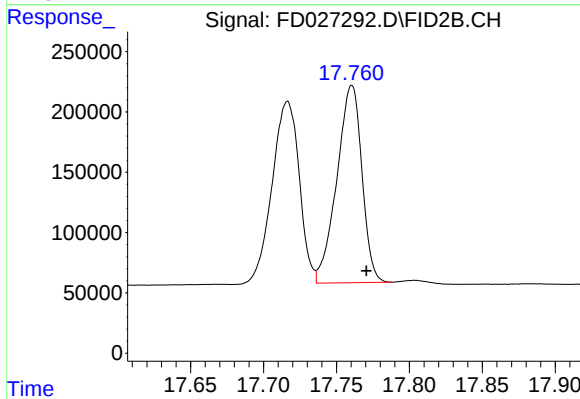
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: -0.009 min
Response: 2026038
Conc: 20.04 ug/ml



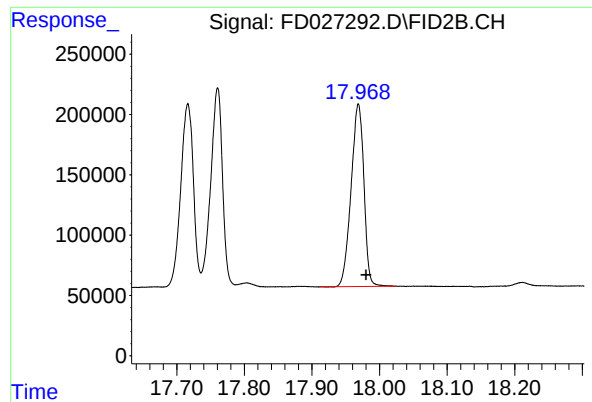
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.716 min
Delta R.T.: -0.012 min
Response: 1956382
Conc: 18.75 ug/ml



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

R.T.: 17.761 min
Delta R.T.: -0.010 min
Response: 1957730
Conc: 19.11 ug/ml



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

R.T.: 17.969 min
Delta R.T.: -0.011 min
Response: 1992672
Conc: 18.90 ug/ml