

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011019AR\
 Data File : FD027207.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2019 7:19
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 09:37:13 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...	7.362	1619293	17.142 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
6) S 2-Fluorobiphenyl (SURR)	8.212	1118596	17.541 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.08%
11) S ortho-Terphenyl (SURR)	11.253	1927219	18.080 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	1734709	17.110 ug/ml
2) T Naphthalene (C11.7)	5.699	1864097	17.220 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	1846930	17.287 ug/ml
5) T Acenaphthylene (C15.06)	8.016	1807756	17.576 ug/ml
7) T Acenaphthene (C15.5)	8.311	1888825	17.533 ug/ml
8) T Fluorene (C16.55)	9.089	1881175	17.668 ug/ml
9) T Phenanthrene (C19.36)	10.477	1921212	18.211 ug/ml
10) T Anthracene (C19.43)	10.551	1918287	18.380 ug/ml
12) T Fluoranthene (C21.85)	12.281	2013867	19.337 ug/ml
13) T Pyrene (C20.8)	12.575	2025384	19.615 ug/ml
14) T Benzo[a]anthracene (C...	14.442	1997400	20.366 ug/ml
15) T Chrysene (C27.41)	14.483	2005460	20.398 ug/ml
16) T benzo[b]fluoranthene ...	15.986	2037647	20.158 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	2057646	20.358 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	2031010	20.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	1978683	18.960 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	1957585	19.110 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	2010891	19.074 ug/ml

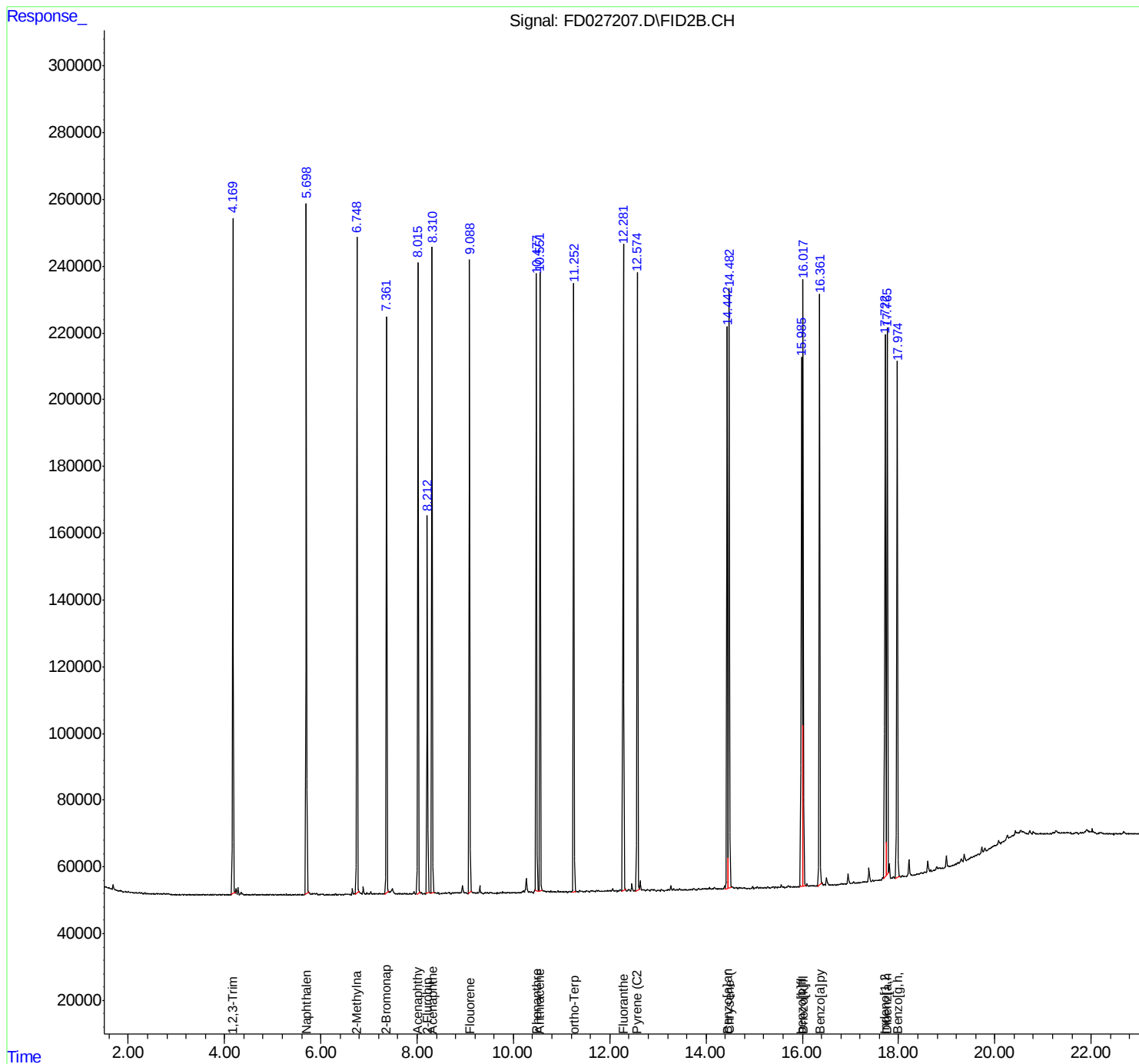
(f)=RT Delta > 1/2 Window

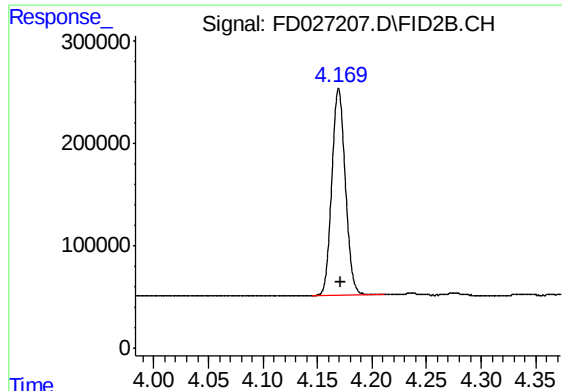
(m)=manual int.

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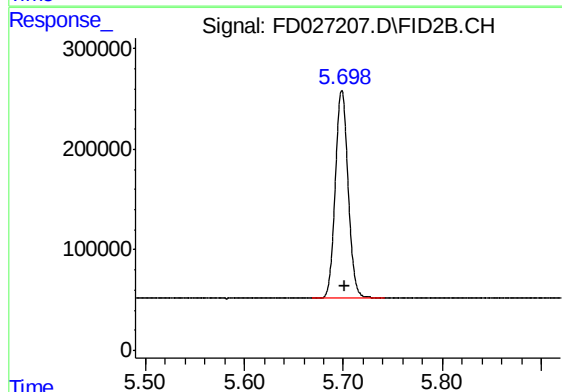
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Signal Info : 20M x 0.18mm x 0.18µm





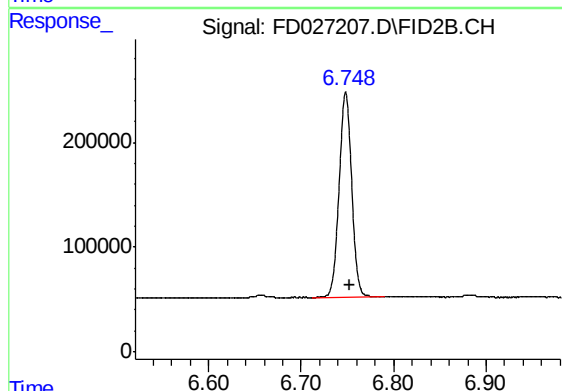
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 1734709
Conc: 17.11 ug/ml



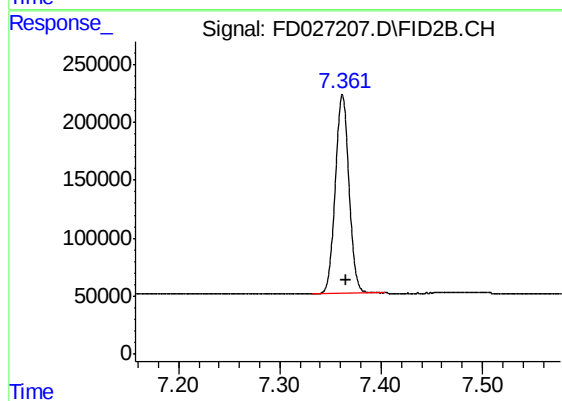
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 1864097
Conc: 17.22 ug/ml



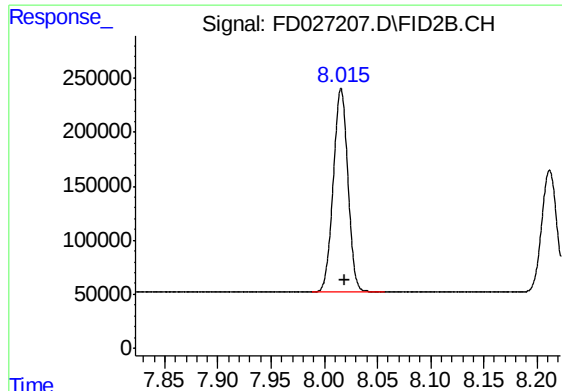
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 1846930
Conc: 17.29 ug/ml



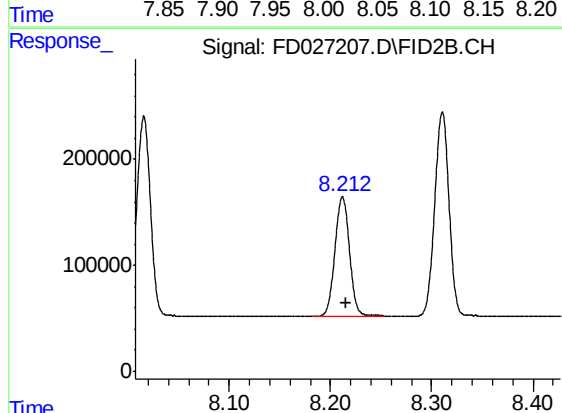
#4 2-Bromonaphthalene (SURR)

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 1619293
Conc: 17.14 ug/ml



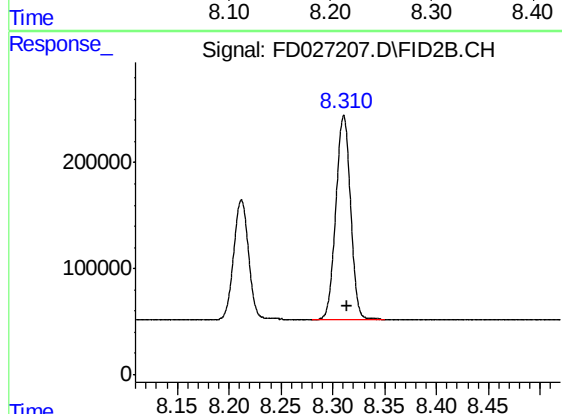
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: -0.004 min
Response: 1807756
Conc: 17.58 ug/ml



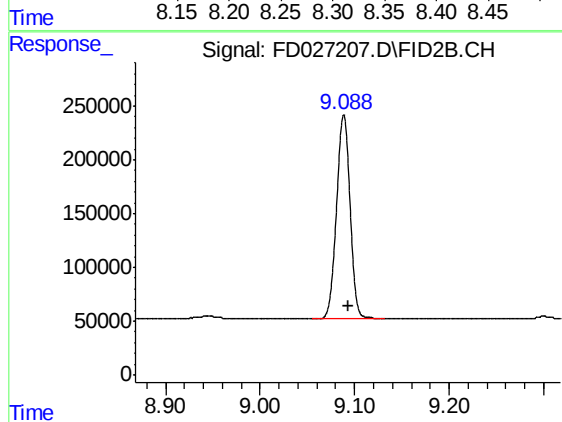
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.003 min
Response: 1118596
Conc: 17.54 ug/ml



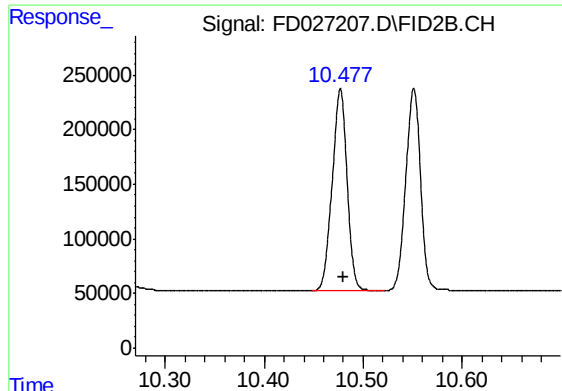
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: -0.004 min
Response: 1888825
Conc: 17.53 ug/ml



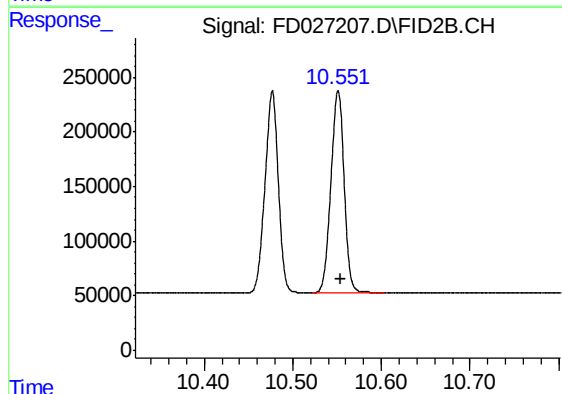
#8 Fluorene (C16.55)

R.T.: 9.089 min
Delta R.T.: -0.004 min
Response: 1881175
Conc: 17.67 ug/ml



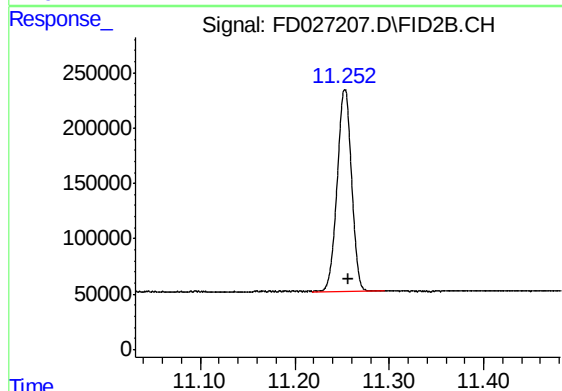
#9 Phenanthrene (C19.36)

R.T.: 10.477 min
Delta R.T.: -0.004 min
Response: 1921212
Conc: 18.21 ug/ml



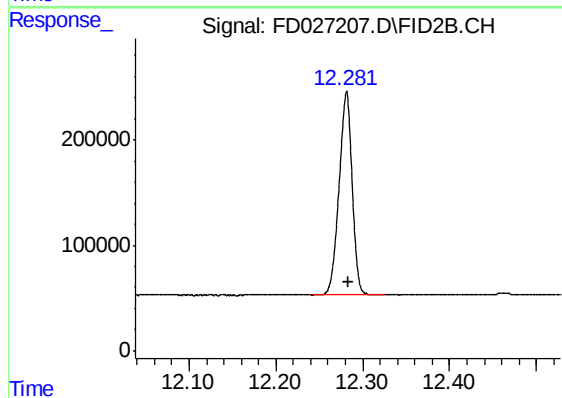
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.004 min
Response: 1918287
Conc: 18.38 ug/ml



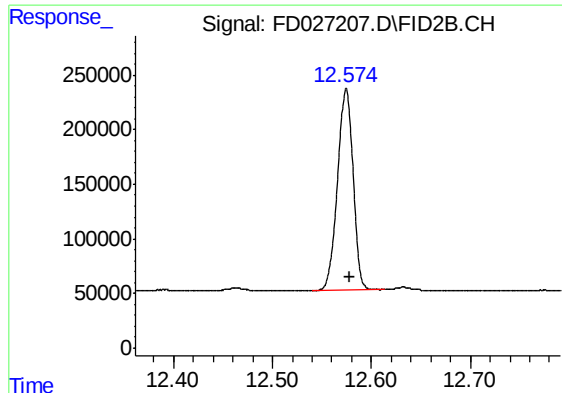
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.004 min
Response: 1927219
Conc: 18.08 ug/ml



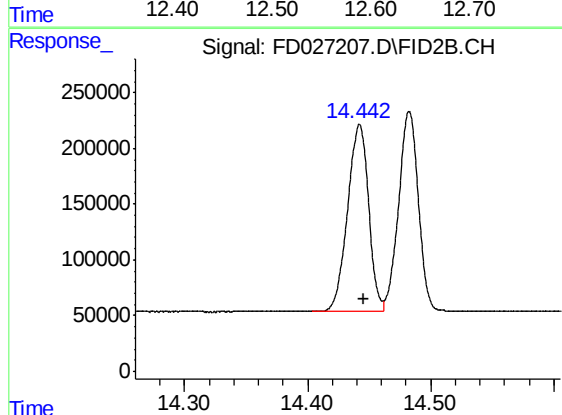
#12 Fluoranthene (C21.85)

R.T.: 12.281 min
Delta R.T.: -0.003 min
Response: 2013867
Conc: 19.34 ug/ml



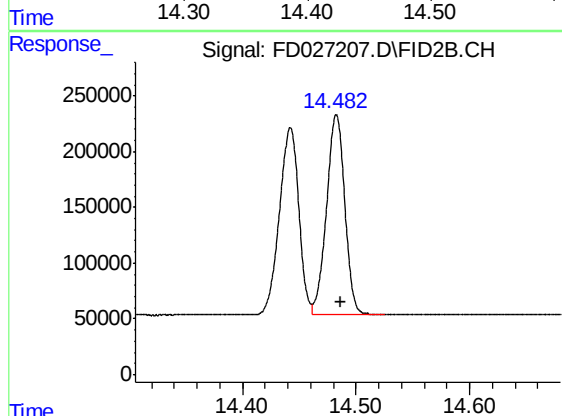
#13 Pyrene (C20.8)

R.T.: 12.575 min
Delta R.T.: -0.003 min
Response: 2025384
Conc: 19.61 ug/ml



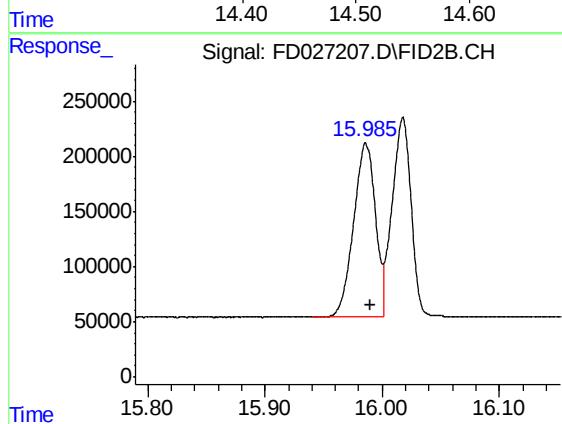
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.442 min
Delta R.T.: -0.003 min
Response: 1997400
Conc: 20.37 ug/ml



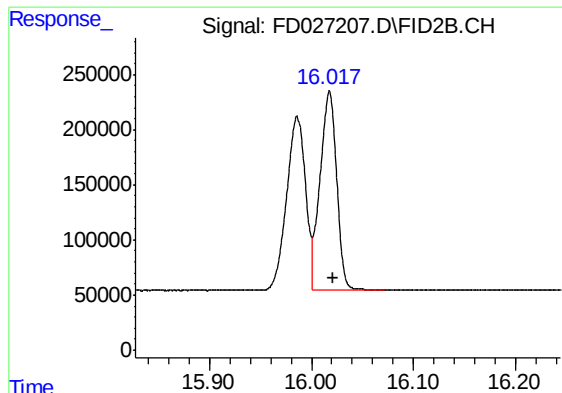
#15 Chrysene (C27.41)

R.T.: 14.483 min
Delta R.T.: -0.004 min
Response: 2005460
Conc: 20.40 ug/ml



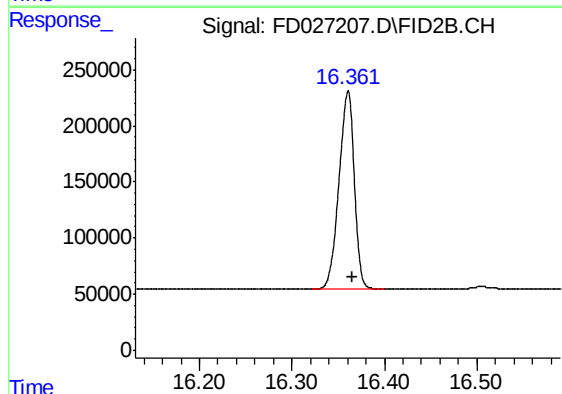
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.986 min
Delta R.T.: -0.004 min
Response: 2037647
Conc: 20.16 ug/ml



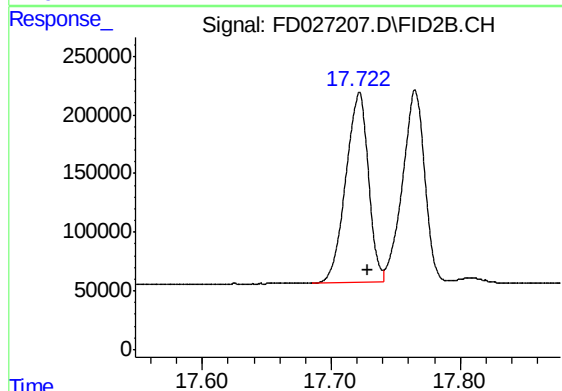
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.018 min
Delta R.T.: -0.004 min
Response: 2057646
Conc: 20.36 ug/ml



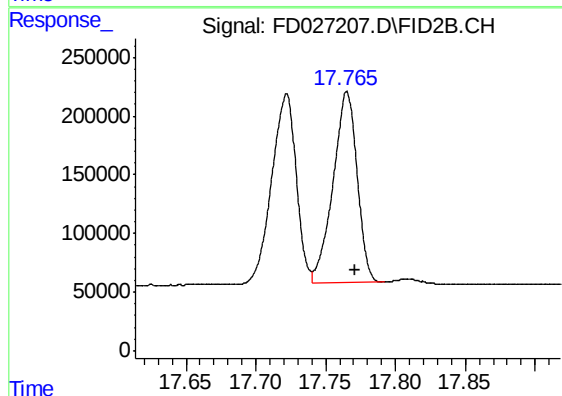
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: -0.005 min
Response: 2031010
Conc: 20.08 ug/ml



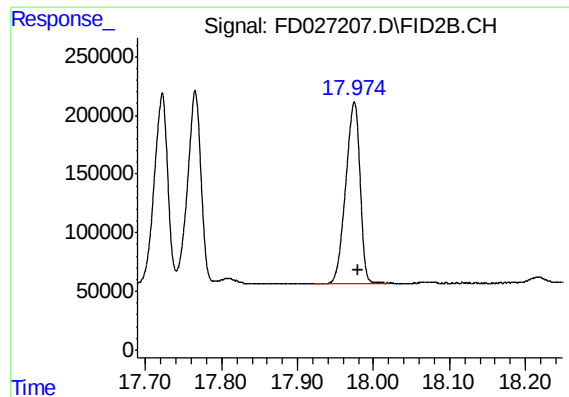
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.722 min
Delta R.T.: -0.006 min
Response: 1978683
Conc: 18.96 ug/ml



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

R.T.: 17.765 min
Delta R.T.: -0.005 min
Response: 1957585
Conc: 19.11 ug/ml



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

R.T.: 17.975 min
Delta R.T.: -0.005 min
Response: 2010891
Conc: 19.07 ug/ml