

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021419AR\
 Data File : FD027762.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2019 16:11
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Sohil
 2/15/2019 2:01:58 PM

Integration File: sample.E
 Quant Time: Feb 14 23:19:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.337	1688645	22.746 ug/ml
Spiked Amount 50.000		Recovery =	45.49%
6) S 2-Fluorobiphenyl (SURR)	8.184	1127230	22.156 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.31%
11) S ortho-Terphenyl (SURR)	11.222	1953573	22.038 ug/ml
Spiked Amount 50.000		Recovery =	44.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.145	1675682	21.202 ug/ml
2) T Naphthalene (C11.7)	5.673	1920467	22.562 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	1899752	22.518 ug/ml
5) T Acenaphthylene (C15.06)	7.988	1859445	22.208 ug/ml
7) T Acenaphthene (C15.5)	8.283	1947968	22.161 ug/ml
8) T Fluorene (C16.55)	9.061	1890513	21.678 ug/ml
9) T Phenanthrene (C19.36)	10.446	1870080	21.289 ug/ml
10) T Anthracene (C19.43)	10.521	1841840	21.315 ug/ml
12) T Fluoranthene (C21.85)	12.247	1936087	21.626 ug/ml
13) T Pyrene (C20.8)	12.541	1928836	21.737 ug/ml
14) T Benzo[a]anthracene (C...	14.408	1922706	21.503 ug/ml
15) T Chrysene (C27.41)	14.449	1951448	21.489 ug/ml
16) T benzo[b]fluoranthene ...	15.951	1989487	20.370 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	2027911	20.510 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.325	1978827	20.238 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.685	1889770	19.056 ug/ml
20) T Dibenz[a,h]anthracene...	17.726	1997009	20.303 ug/ml
21) T Benzo[g,h,i]perylene ...	17.934	1945158	19.187 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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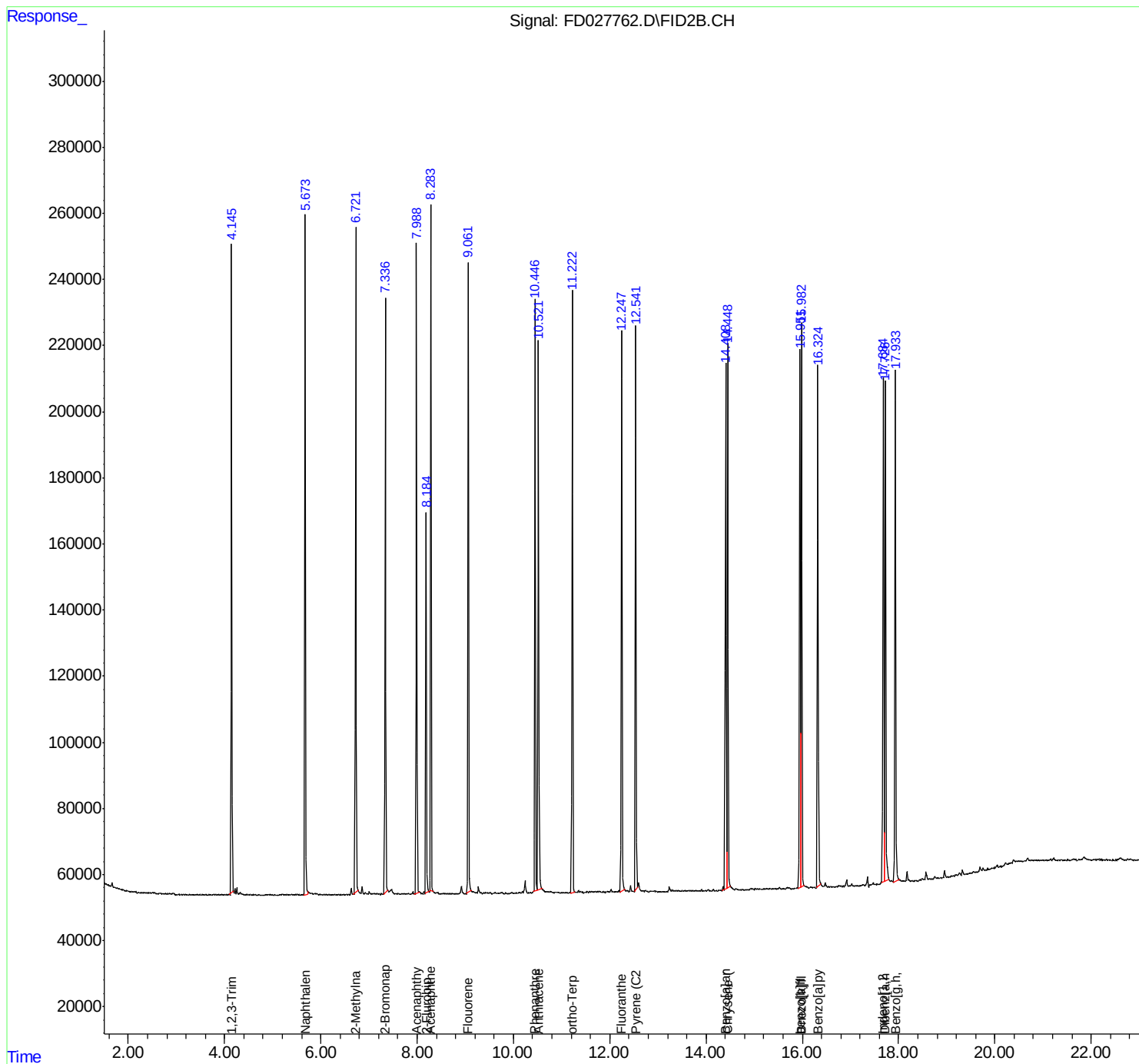
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20 PPM AROMATIC HC STD

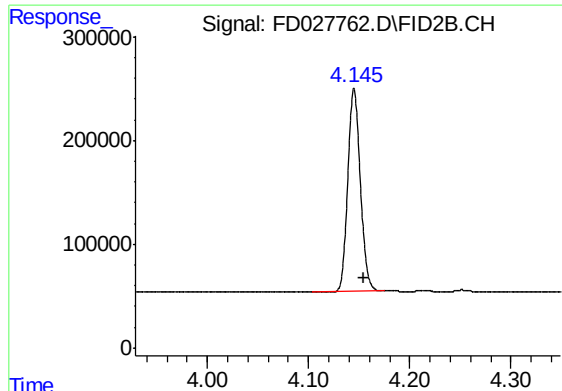
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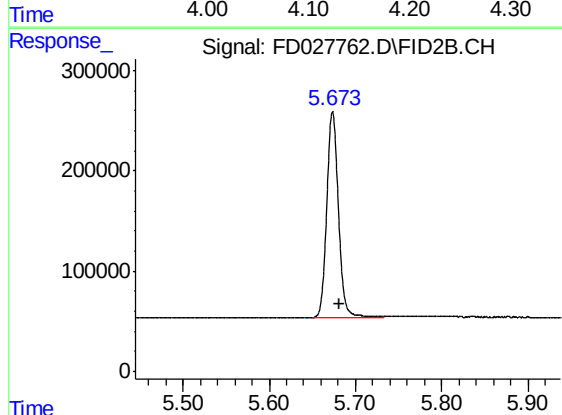
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.145 min
Delta R.T.: -0.010 min
Response: 1675682
Conc: 21.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

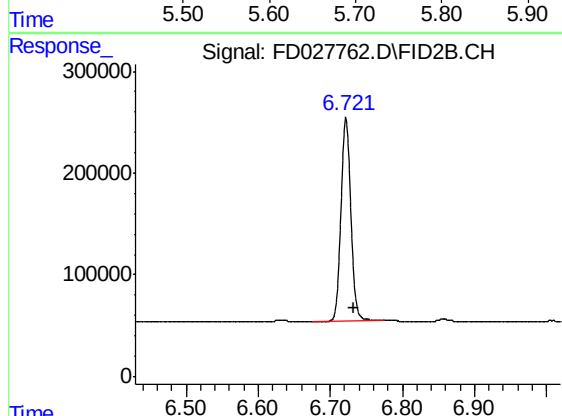
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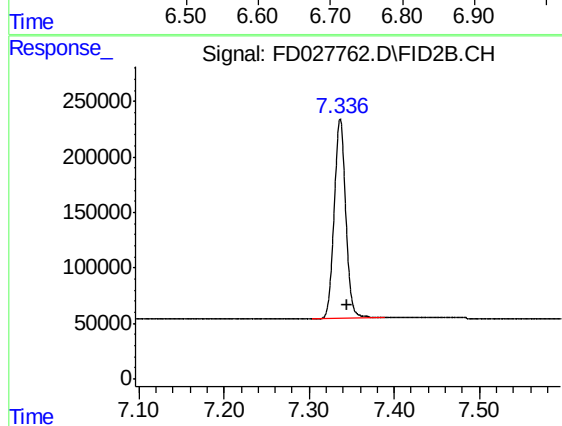
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.009 min
Response: 1920467
Conc: 22.56 ug/ml m



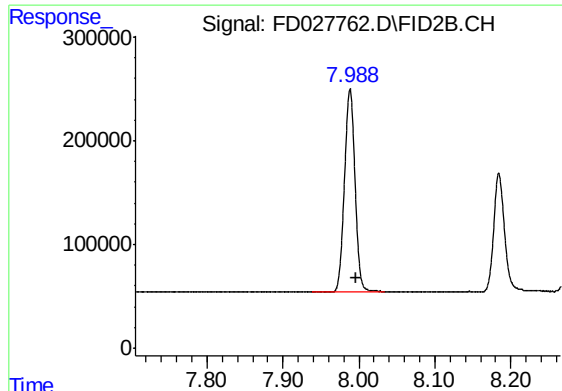
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 1899752
Conc: 22.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.009 min
Response: 1688645
Conc: 22.75 ug/ml



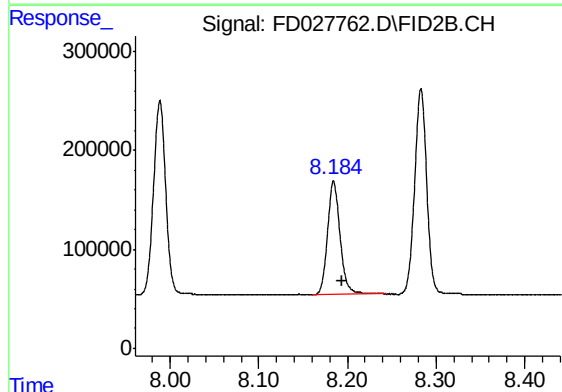
#5 Acenaphthylene (C15.06)

R.T.: 7.988 min
Delta R.T.: -0.008 min
Response: 1859445
Conc: 22.21 ug/ml

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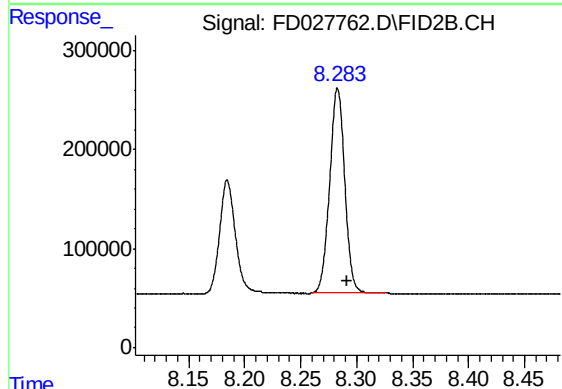
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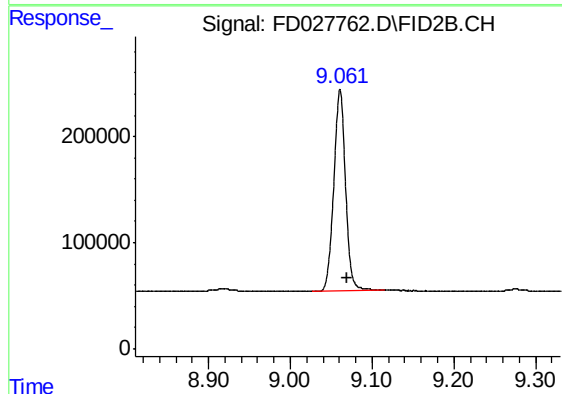
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.009 min
Response: 1127230
Conc: 22.16 ug/ml



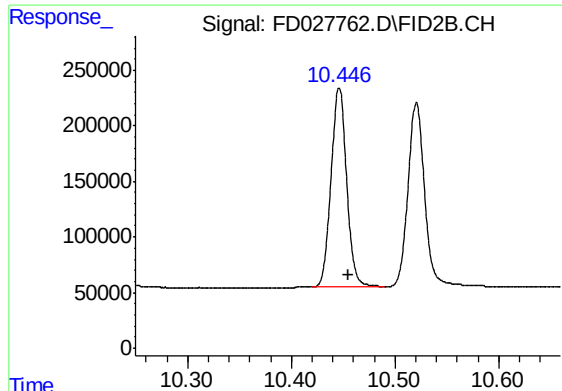
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.009 min
Response: 1947968
Conc: 22.16 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.061 min
Delta R.T.: -0.009 min
Response: 1890513
Conc: 21.68 ug/ml



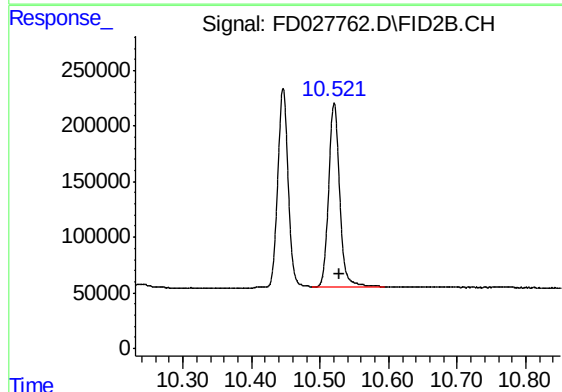
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: -0.009 min
Response: 1870080
Conc: 21.29 ug/ml

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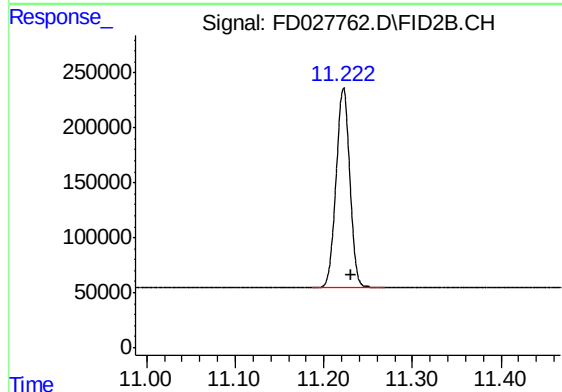
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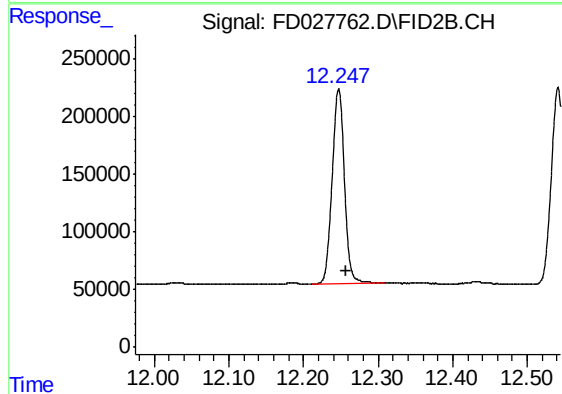
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.009 min
Response: 1841840
Conc: 21.32 ug/ml



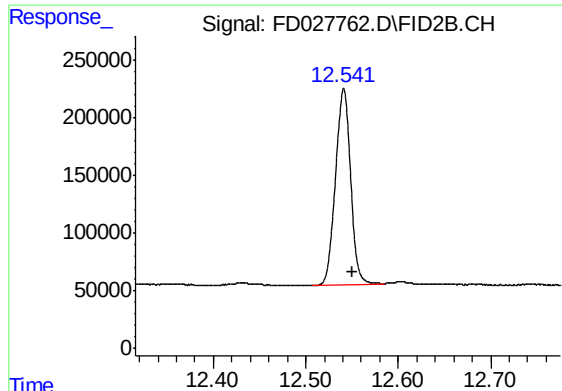
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 1953573
Conc: 22.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.247 min
Delta R.T.: -0.010 min
Response: 1936087
Conc: 21.63 ug/ml



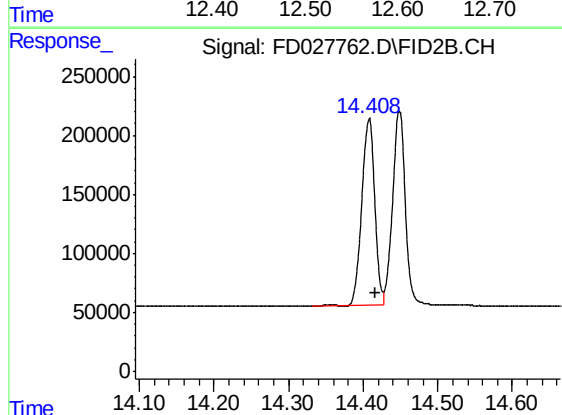
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: -0.009 min
Response: 1928836
Conc: 21.74 ug/ml

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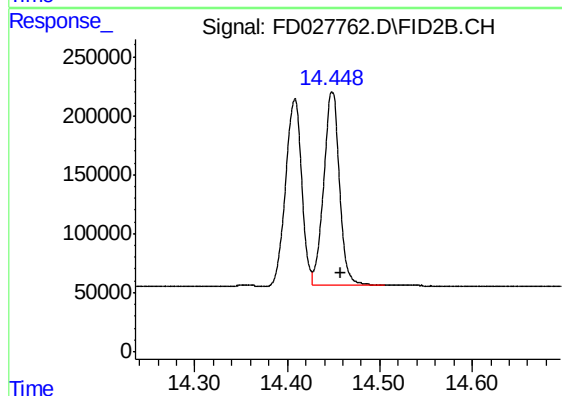
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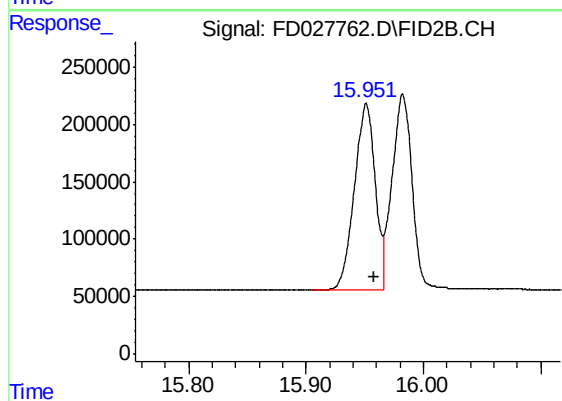
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.408 min
Delta R.T.: -0.008 min
Response: 1922706
Conc: 21.50 ug/ml



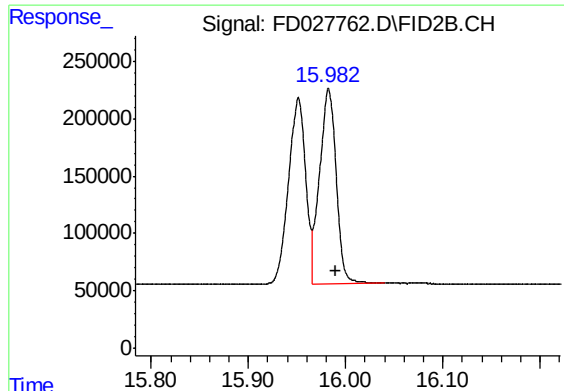
#15 Chrysene (C27.41)

R.T.: 14.449 min
Delta R.T.: -0.009 min
Response: 1951448
Conc: 21.49 ug/ml



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

R.T.: 15.951 min
Delta R.T.: -0.007 min
Response: 1989487
Conc: 20.37 ug/ml



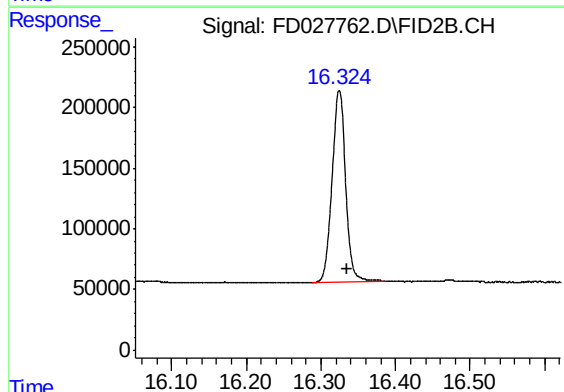
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.983 min
Delta R.T.: -0.007 min
Response: 2027911
Conc: 20.51 ug/ml

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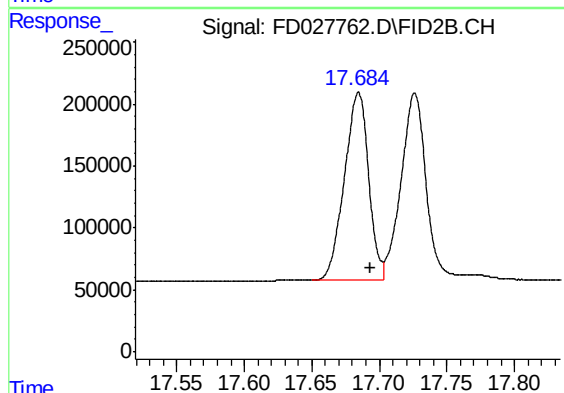
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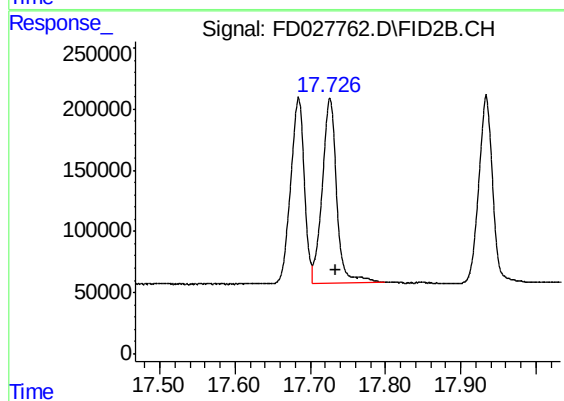
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.325 min
Delta R.T.: -0.010 min
Response: 1978827
Conc: 20.24 ug/ml



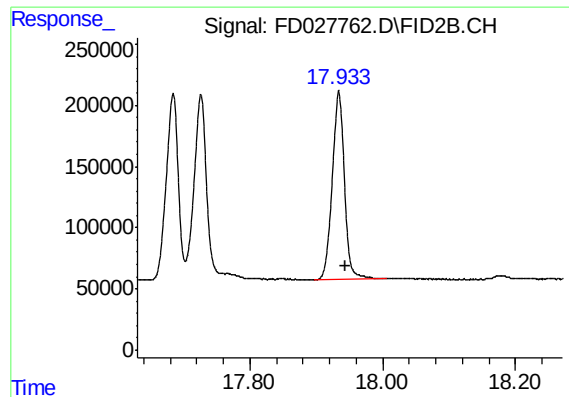
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.685 min
Delta R.T.: -0.009 min
Response: 1889770
Conc: 19.06 ug/ml



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

R.T.: 17.726 min
Delta R.T.: -0.008 min
Response: 1997009
Conc: 20.30 ug/ml



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

R.T.: 17.934 min
Delta R.T.: -0.010 min
Response: 1945158
Conc: 19.19 ug/ml

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