

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031219AR\
 Data File : FD028221.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2019 12:35
 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

Integration File: autoint1.e
 Quant Time: Mar 12 13:02:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 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...	7.314	1654487	15.675 ug/ml
Spiked Amount 50.000		Recovery =	31.35%
6) S 2-Fluorobiphenyl (SURR)	8.162	1115625	15.827 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	31.65%
11) S ortho-Terphenyl (SURR)	11.199	1973631	17.214 ug/ml
Spiked Amount 50.000		Recovery =	34.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.127	1796410	16.974 ug/ml
2) T Naphthalene (C11.7)	5.652	1883466	16.046 ug/ml
3) T 2-Methylnaphthalene (...)	6.700	1866227	15.776 ug/ml
5) T Acenaphthylene (C15.06)	7.965	1857501	16.109 ug/ml
7) T Acenaphthene (C15.5)	8.260	1948346	16.038 ug/ml
8) T Fluorene (C16.55)	9.038	1893827	15.739 ug/ml
9) T Phenanthrene (C19.36)	10.423	1930522	17.277 ug/ml
10) T Anthracene (C19.43)	10.499	1878250	16.966 ug/ml
12) T Fluoranthene (C21.85)	12.224	2005556	18.483 ug/ml
13) T Pyrene (C20.8)	12.517	2011271	19.166 ug/ml
14) T Benzo[a]anthracene (C...	14.381	1998280	19.745 ug/ml
15) T Chrysene (C27.41)	14.422	2067905	20.056 ug/ml
16) T benzo[b]fluoranthene ...	15.923	2079593	19.732 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	2135306	19.829 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.296	2070825	19.348 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.657	1965585	19.207 ug/ml
20) T Dibenz[a,h]anthracene...	17.698	2159799	21.435 ug/ml
21) T Benzo[g,h,i]perylene ...	17.906	2020599	18.700 ug/ml

(f)=RT Delta > 1/2 Window

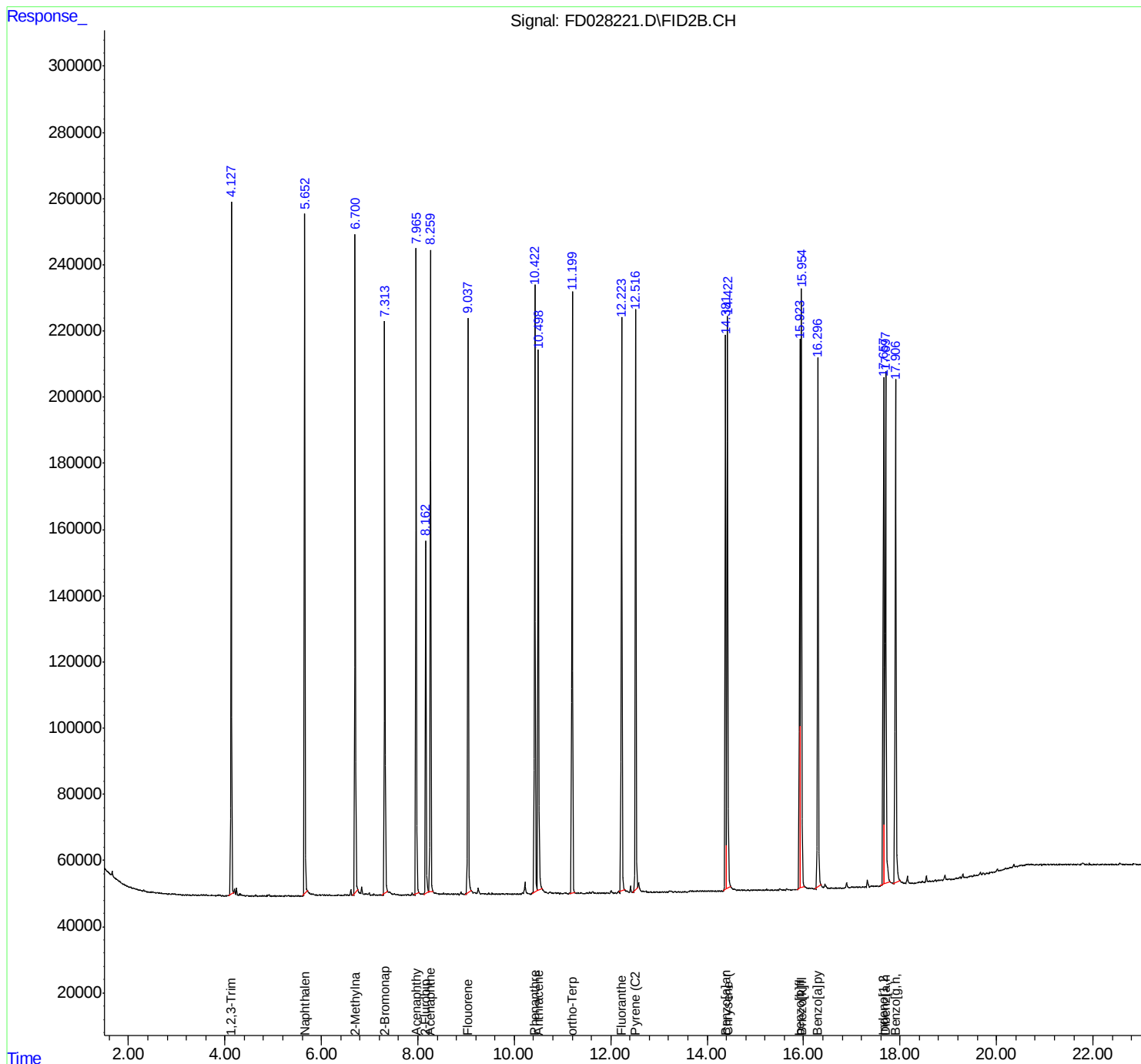
(m)=manual int.

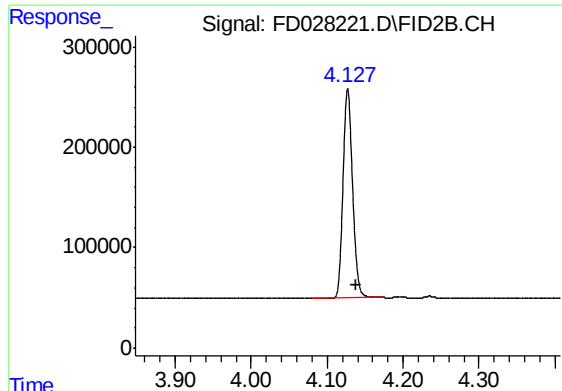
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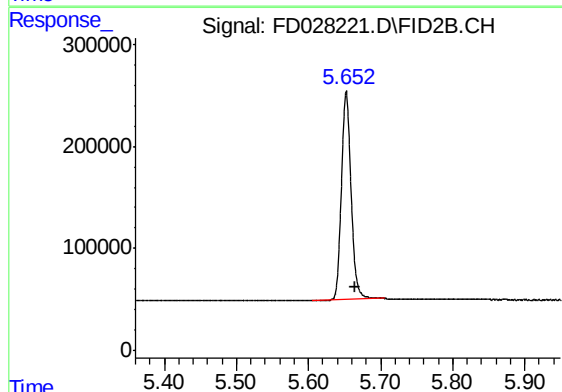




#1 1,2,3-Trimethylbenzene (C10.1)

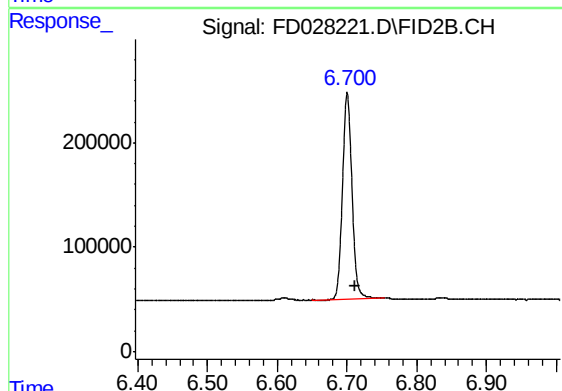
R.T.: 4.127 min
Delta R.T.: -0.012 min
Response: 1796410
Conc: 16.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



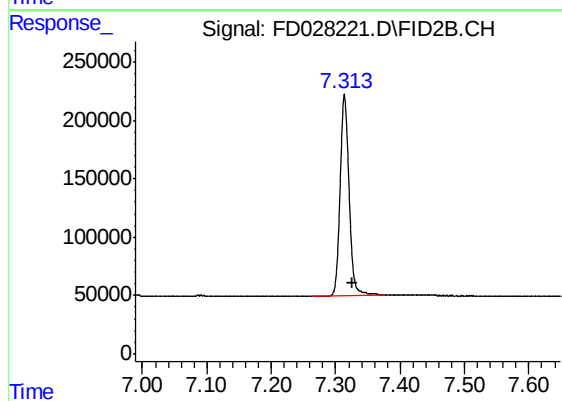
#2 Naphthalene (C11.7)

R.T.: 5.652 min
Delta R.T.: -0.012 min
Response: 1883466
Conc: 16.05 ug/ml



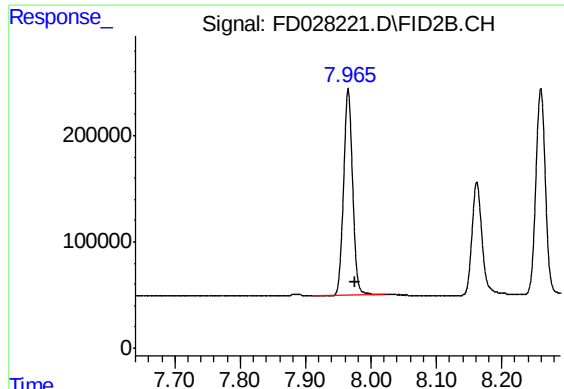
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 1866227
Conc: 15.78 ug/ml



#4 2-Bromonaphthalene (SURR)

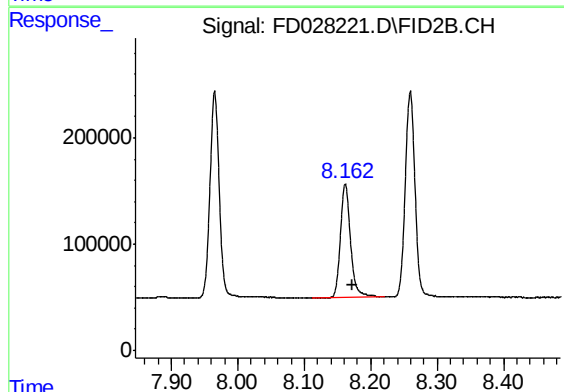
R.T.: 7.314 min
Delta R.T.: -0.012 min
Response: 1654487
Conc: 15.68 ug/ml



#5 Acenaphthylene (C15.06)

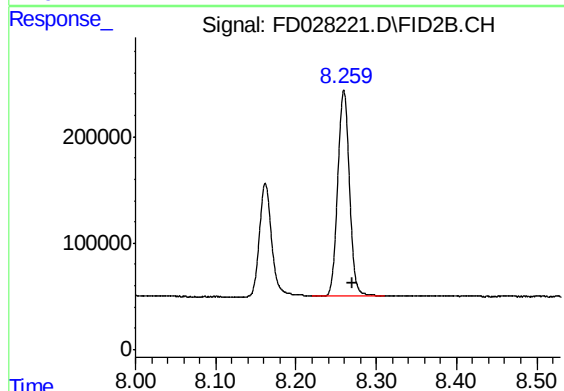
R.T.: 7.965 min
Delta R.T.: -0.011 min
Response: 1857501
Conc: 16.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



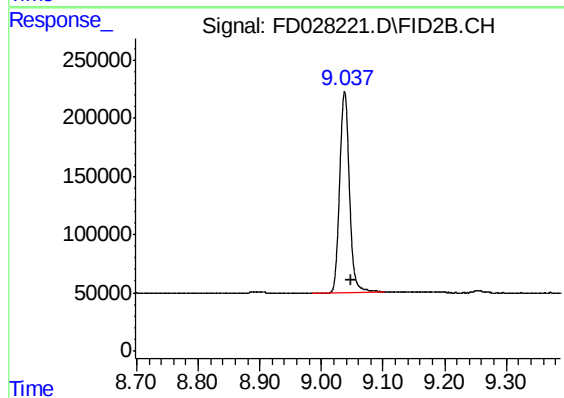
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.162 min
Delta R.T.: -0.011 min
Response: 1115625
Conc: 15.83 ug/ml



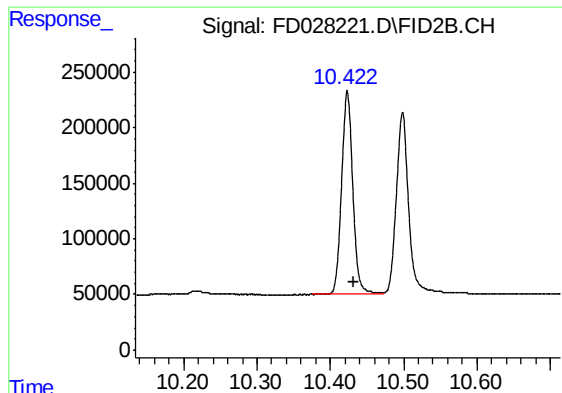
#7 Acenaphthene (C15.5)

R.T.: 8.260 min
Delta R.T.: -0.011 min
Response: 1948346
Conc: 16.04 ug/ml



#8 Fluorene (C16.55)

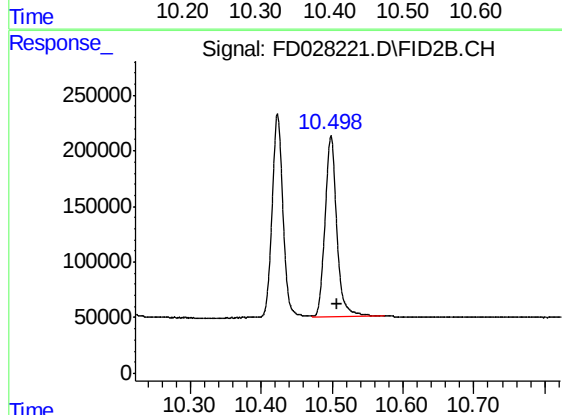
R.T.: 9.038 min
Delta R.T.: -0.009 min
Response: 1893827
Conc: 15.74 ug/ml



#9 Phenanthrene (C19.36)

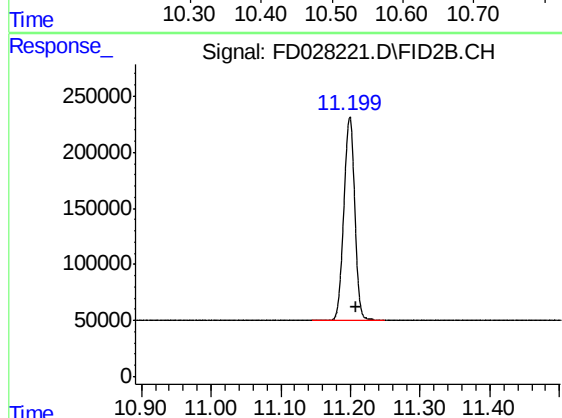
R.T.: 10.423 min
Delta R.T.: -0.009 min
Response: 1930522
Conc: 17.28 ug/ml

Instrument :
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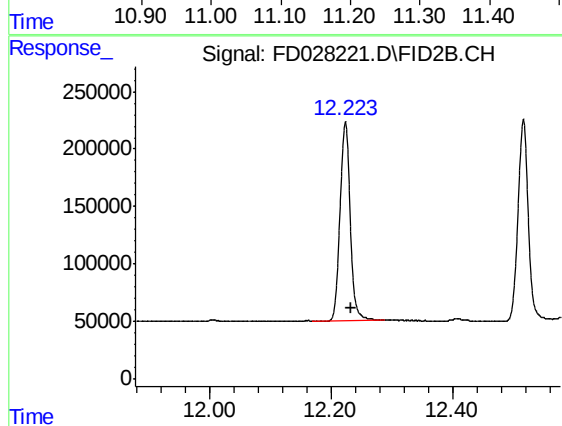
#10 Anthracene (C19.43)

R.T.: 10.499 min
Delta R.T.: -0.008 min
Response: 1878250
Conc: 16.97 ug/ml



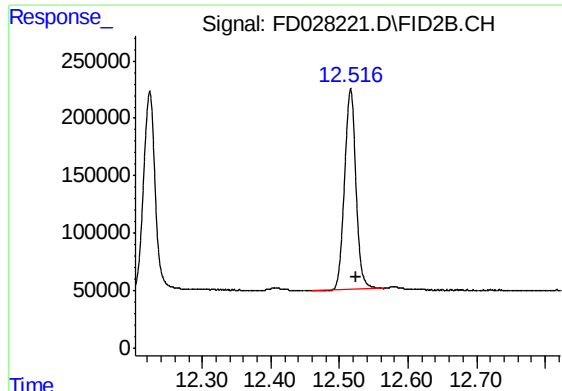
#11 ortho-Terphenyl (SURR)

R.T.: 11.199 min
Delta R.T.: -0.009 min
Response: 1973631
Conc: 17.21 ug/ml



#12 Fluoranthene (C21.85)

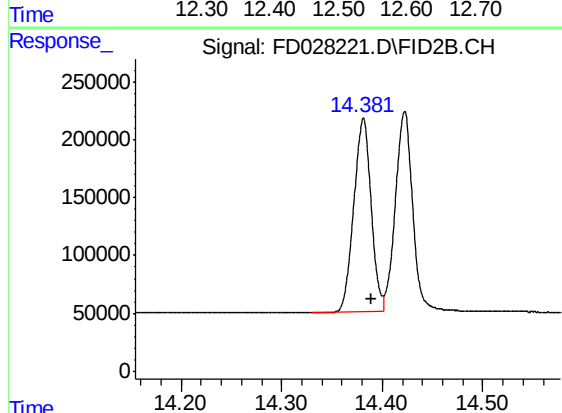
R.T.: 12.224 min
Delta R.T.: -0.010 min
Response: 2005556
Conc: 18.48 ug/ml



#13 Pyrene (C20.8)

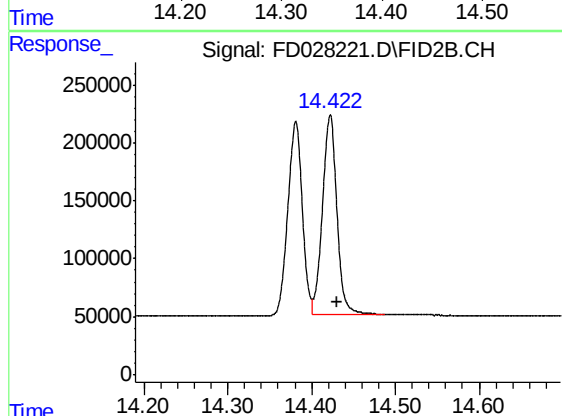
R.T.: 12.517 min
Delta R.T.: -0.009 min
Response: 2011271
Conc: 19.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



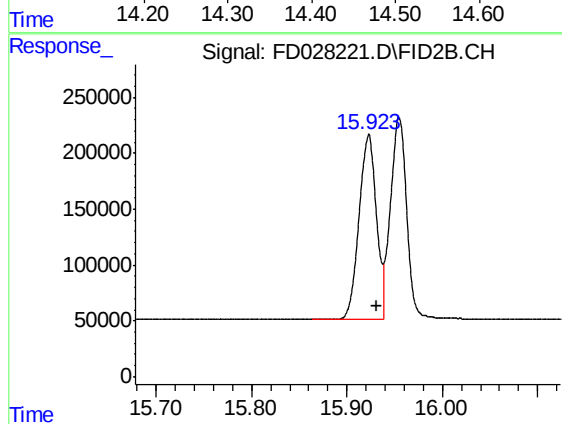
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.381 min
Delta R.T.: -0.008 min
Response: 1998280
Conc: 19.74 ug/ml



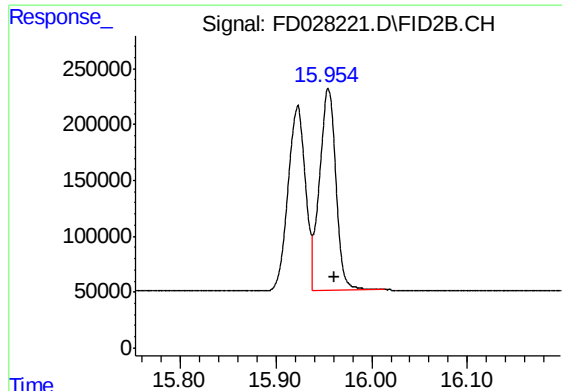
#15 Chrysene (C27.41)

R.T.: 14.422 min
Delta R.T.: -0.008 min
Response: 2067905
Conc: 20.06 ug/ml



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

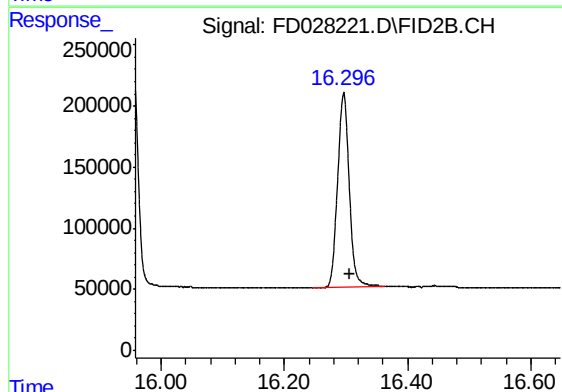
R.T.: 15.923 min
Delta R.T.: -0.008 min
Response: 2079593
Conc: 19.73 ug/ml



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

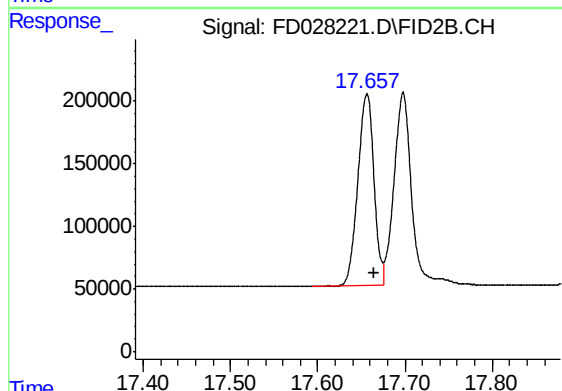
R.T.: 15.955 min
Delta R.T.: -0.007 min
Response: 2135306
Conc: 19.83 ug/ml

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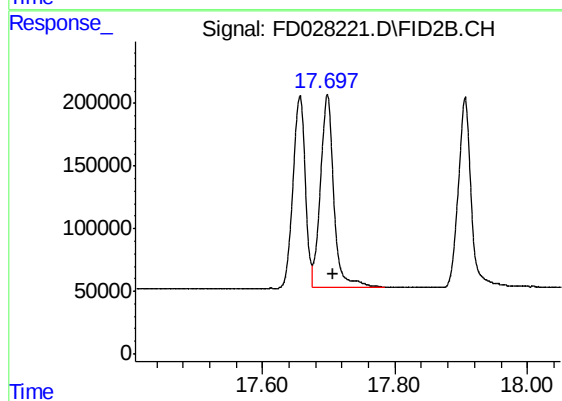
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.296 min
Delta R.T.: -0.010 min
Response: 2070825
Conc: 19.35 ug/ml



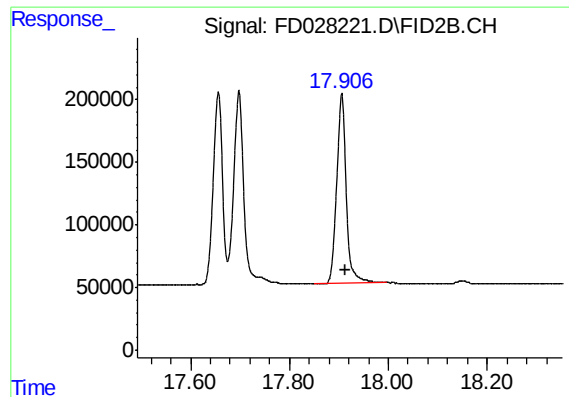
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.657 min
Delta R.T.: -0.008 min
Response: 1965585
Conc: 19.21 ug/ml



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

R.T.: 17.698 min
Delta R.T.: -0.008 min
Response: 2159799
Conc: 21.43 ug/ml



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

R.T.: 17.906 min
Delta R.T.: -0.008 min
Response: 2020599
Conc: 18.70 ug/ml

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