

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031219AR\
 Data File : FD028242.D
 Signal(s) : FID2B.CH
 Acq On : 13 Mar 2019 1:27
 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 13 04:44:19 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	1695034	16.059 ug/ml
Spiked Amount 50.000		Recovery =	32.12%
6) S 2-Fluorobiphenyl (SURR)	8.161	1148447	16.292 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.58%
11) S ortho-Terphenyl (SURR)	11.197	2047030	17.855 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.127	1821270	17.208 ug/ml
2) T Naphthalene (C11.7)	5.652	1923724	16.389 ug/ml
3) T 2-Methylnaphthalene (...)	6.700	1935032	16.358 ug/ml
5) T Acenaphthylene (C15.06)	7.964	1913824	16.598 ug/ml
7) T Acenaphthene (C15.5)	8.258	2007065	16.521 ug/ml
8) T Fluorene (C16.55)	9.037	1950076	16.207 ug/ml
9) T Phenanthrene (C19.36)	10.422	1982981	17.747 ug/ml
10) T Anthracene (C19.43)	10.497	1918119	17.327 ug/ml
12) T Fluoranthene (C21.85)	12.222	2034260	18.748 ug/ml
13) T Pyrene (C20.8)	12.515	2032440	19.368 ug/ml
14) T Benzo[a]anthracene (C...	14.381	2023824	19.997 ug/ml
15) T Chrysene (C27.41)	14.421	2107338	20.438 ug/ml
16) T benzo[b]fluoranthene ...	15.922	2115196	20.070 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	2183886	20.280 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.297	2110184	19.716 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.656	2002999	19.573 ug/ml
20) T Dibenz[a,h]anthracene...	17.698	2216832	22.001 ug/ml
21) T Benzo[g,h,i]perylene ...	17.906	2059576	19.060 ug/ml

(f)=RT Delta > 1/2 Window

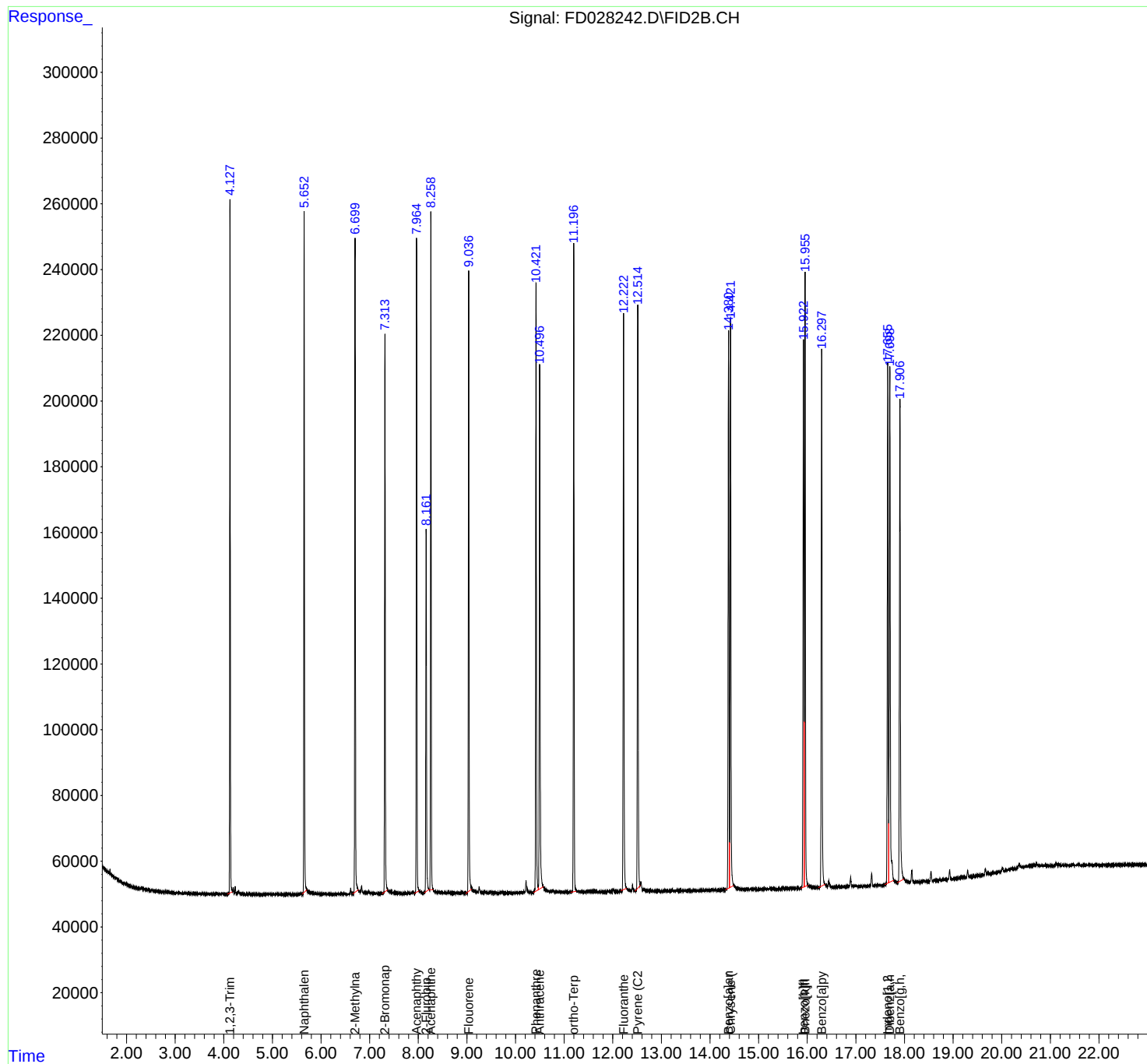
(m)=manual int.

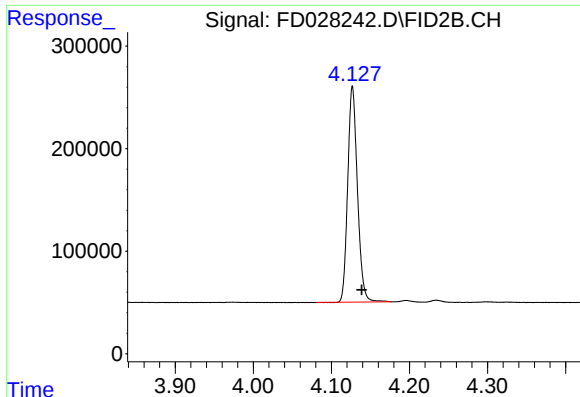
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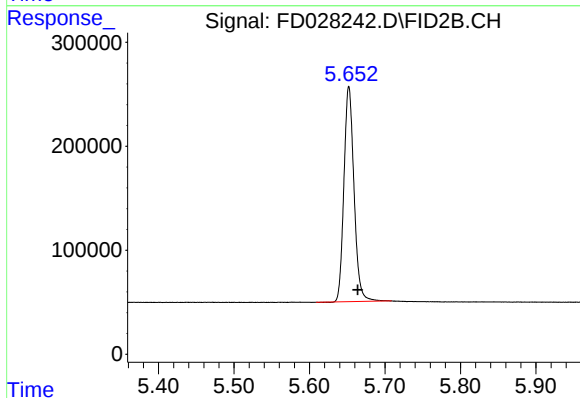




#1 1,2,3-Trimethylbenzene (C10.1)

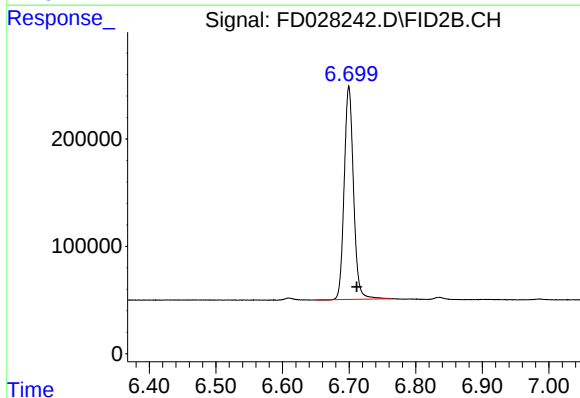
R.T.: 4.127 min
Delta R.T.: -0.012 min
Response: 1821270
Conc: 17.21 ug/ml

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20 PPM AROMATIC HC STD



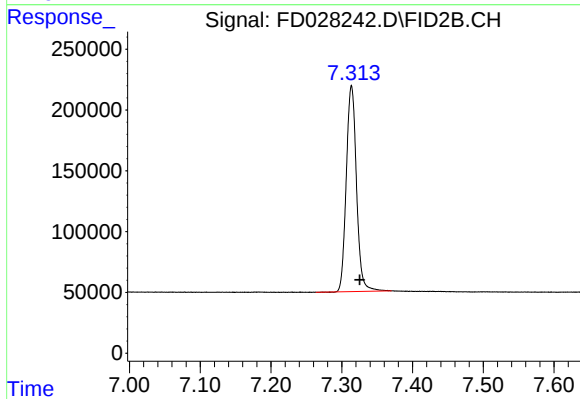
#2 Naphthalene (C11.7)

R.T.: 5.652 min
Delta R.T.: -0.012 min
Response: 1923724
Conc: 16.39 ug/ml



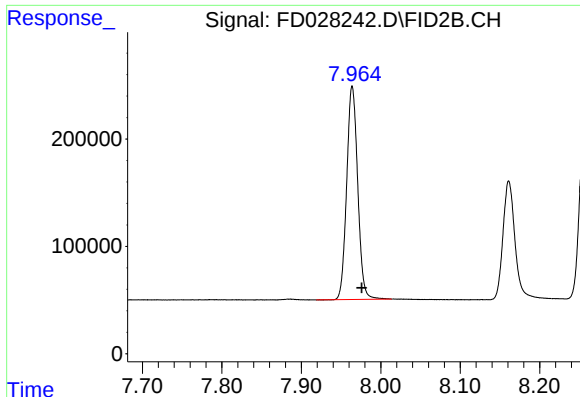
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.700 min
Delta R.T.: -0.012 min
Response: 1935032
Conc: 16.36 ug/ml



#4 2-Bromonaphthalene (SURR)

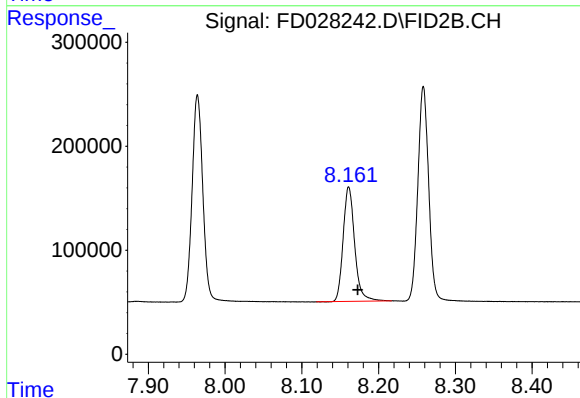
R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 1695034
Conc: 16.06 ug/ml



#5 Acenaphthylene (C15.06)

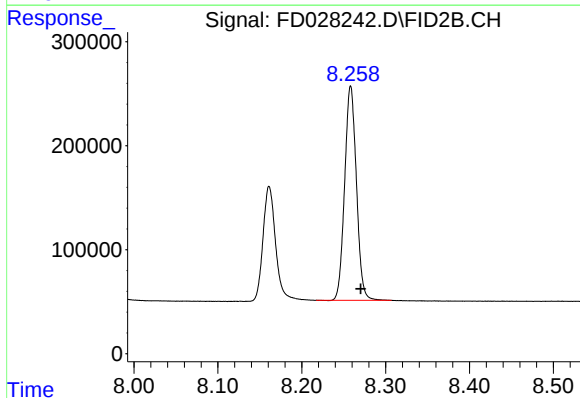
R.T.: 7.964 min
Delta R.T.: -0.012 min
Response: 1913824
Conc: 16.60 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



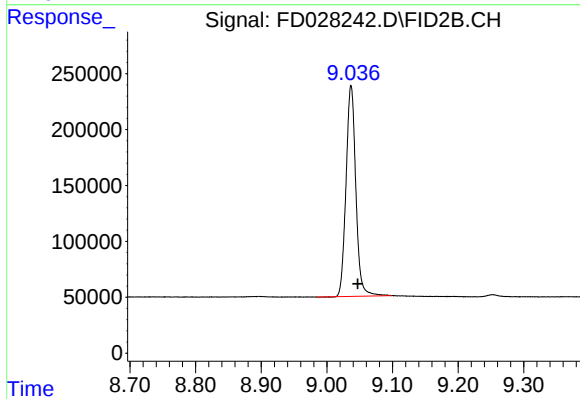
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.161 min
Delta R.T.: -0.012 min
Response: 1148447
Conc: 16.29 ug/ml



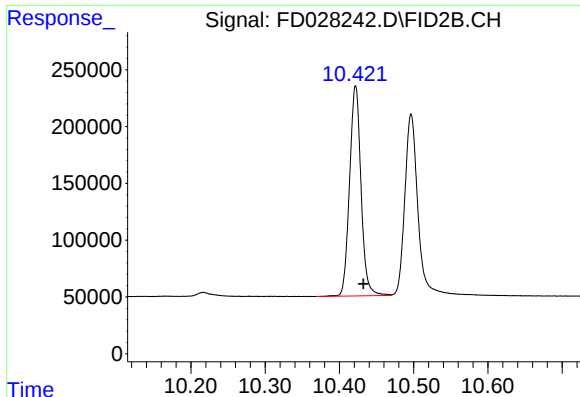
#7 Acenaphthene (C15.5)

R.T.: 8.258 min
Delta R.T.: -0.012 min
Response: 2007065
Conc: 16.52 ug/ml



#8 Flouorene (C16.55)

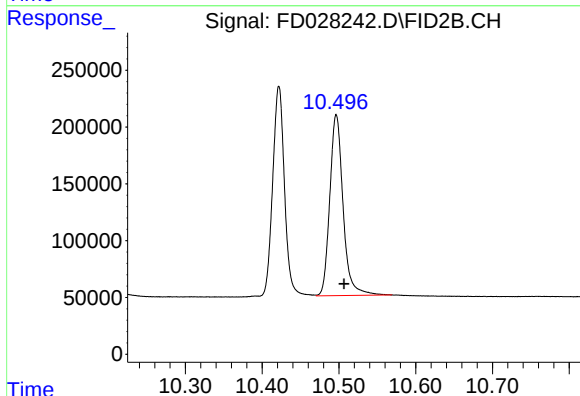
R.T.: 9.037 min
Delta R.T.: -0.010 min
Response: 1950076
Conc: 16.21 ug/ml



#9 Phenanthrene (C19.36)

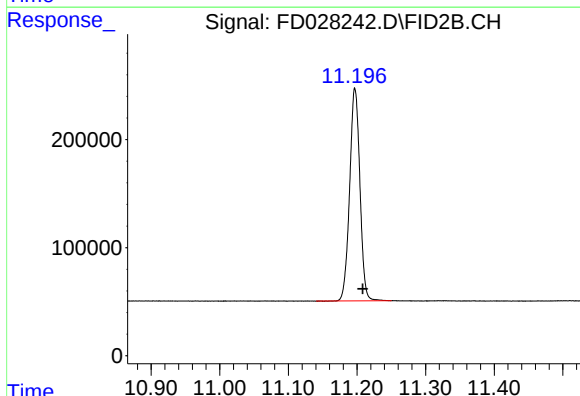
R.T.: 10.422 min
Delta R.T.: -0.011 min
Response: 1982981
Conc: 17.75 ug/ml

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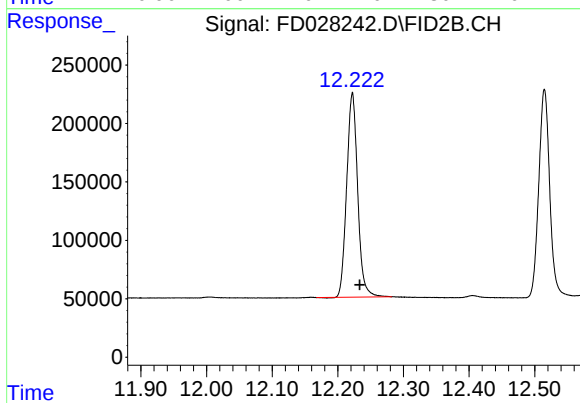
#10 Anthracene (C19.43)

R.T.: 10.497 min
Delta R.T.: -0.010 min
Response: 1918119
Conc: 17.33 ug/ml



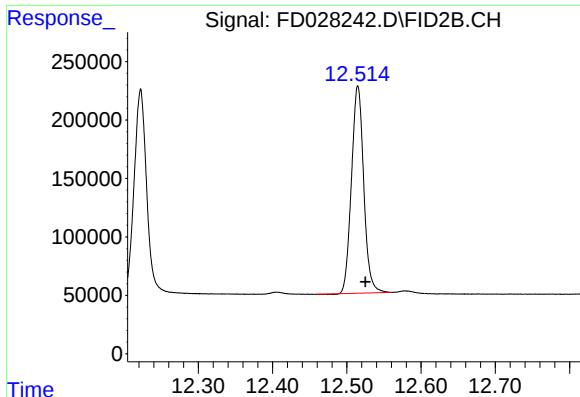
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.011 min
Response: 2047030
Conc: 17.85 ug/ml



#12 Fluoranthene (C21.85)

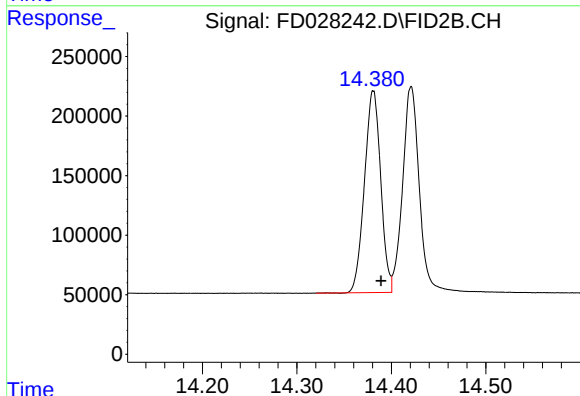
R.T.: 12.222 min
Delta R.T.: -0.011 min
Response: 2034260
Conc: 18.75 ug/ml



#13 Pyrene (C20.8)

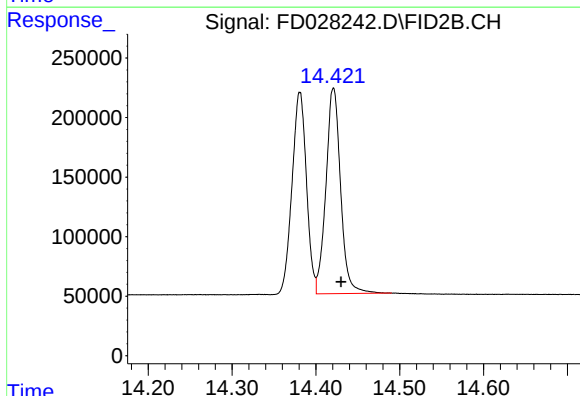
R.T.: 12.515 min
Delta R.T.: -0.010 min
Response: 2032440
Conc: 19.37 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



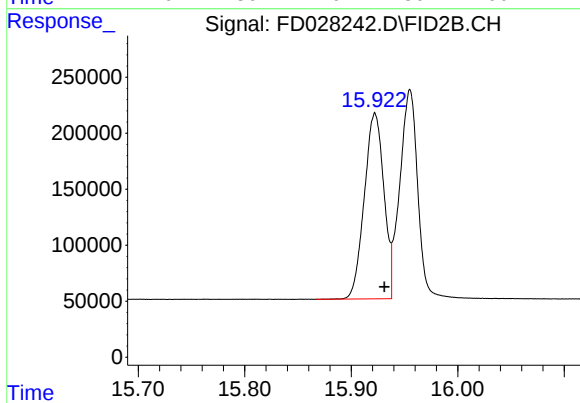
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.381 min
Delta R.T.: -0.008 min
Response: 2023824
Conc: 20.00 ug/ml



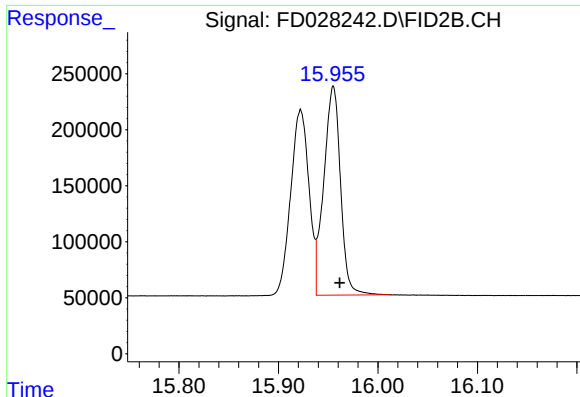
#15 Chrysene (C27.41)

R.T.: 14.421 min
Delta R.T.: -0.009 min
Response: 2107338
Conc: 20.44 ug/ml



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

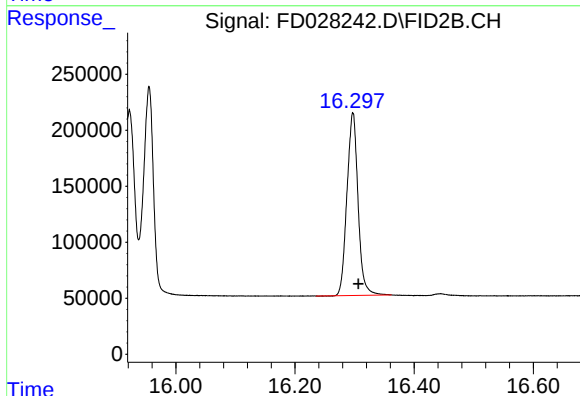
R.T.: 15.922 min
Delta R.T.: -0.009 min
Response: 2115196
Conc: 20.07 ug/ml



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

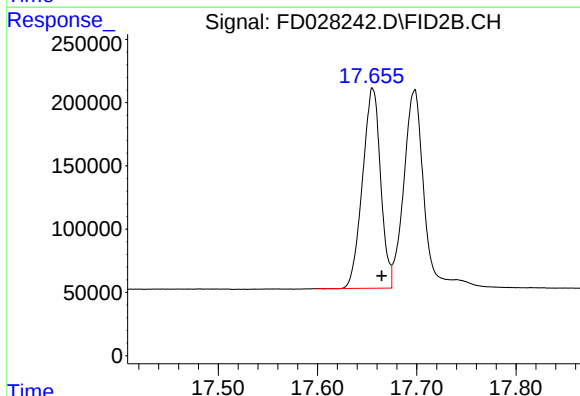
R.T.: 15.955 min
Delta R.T.: -0.006 min
Response: 2183886
Conc: 20.28 ug/ml

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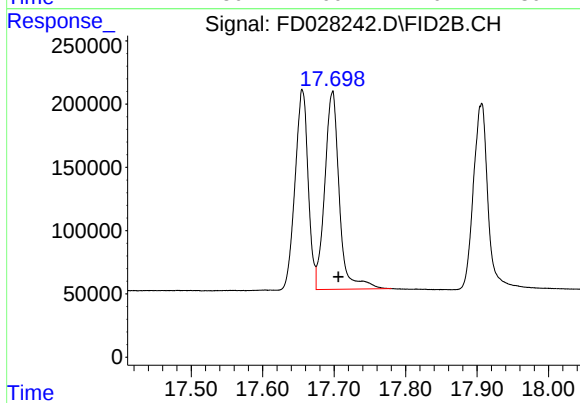
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.297 min
Delta R.T.: -0.009 min
Response: 2110184
Conc: 19.72 ug/ml



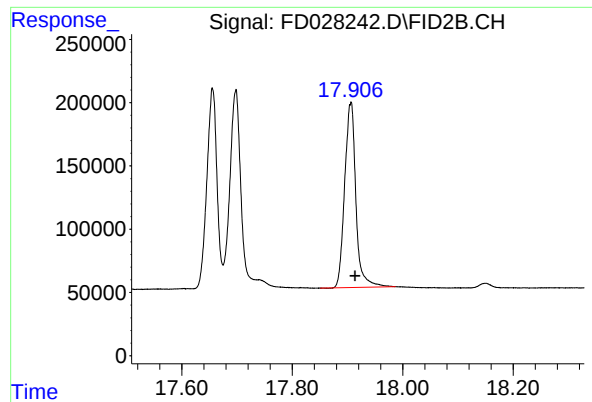
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.656 min
Delta R.T.: -0.009 min
Response: 2002999
Conc: 19.57 ug/ml



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

R.T.: 17.698 min
Delta R.T.: -0.008 min
Response: 2216832
Conc: 22.00 ug/ml



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

R.T.: 17.906 min
Delta R.T.: -0.007 min
Response: 2059576
Conc: 19.06 ug/ml

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