

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021319AR\
 Data File : FD027744.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2019 5:36
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 14 07:05:45 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...	7.338	1682317	22.661 ug/ml
Spiked Amount 50.000		Recovery =	45.32%
6) S 2-Fluorobiphenyl (SURR)	8.186	1097352	21.568 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.14%
11) S ortho-Terphenyl (SURR)	11.224	1891676	21.340 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	1873408	23.703 ug/ml
2) T Naphthalene (C11.7)	5.674	1950146	22.911 ug/ml
3) T 2-Methylnaphthalene (...)	6.724	1912166	22.665 ug/ml
5) T Acenaphthylene (C15.06)	7.989	1829309	21.848 ug/ml
7) T Acenaphthene (C15.5)	8.284	1910499	21.735 ug/ml
8) T Fluorene (C16.55)	9.062	1838605	21.083 ug/ml
9) T Phenanthrene (C19.36)	10.447	1833024	20.867 ug/ml
10) T Anthracene (C19.43)	10.523	1797579	20.803 ug/ml
12) T Fluoranthene (C21.85)	12.249	1889334	21.104 ug/ml
13) T Pyrene (C20.8)	12.543	1889886	21.298 ug/ml
14) T Benzo[a]anthracene (C...	14.410	1900631	21.256 ug/ml
15) T Chrysene (C27.41)	14.451	1938823	21.350 ug/ml
16) T benzo[b]fluoranthene ...	15.953	1974736	20.219 ug/ml
17) T Bnezo[k]fluoranthene ...	15.985	2010897	20.338 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	1961533	20.061 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.687	1877971	18.937 ug/ml
20) T Dibenz[a,h]anthracene...	17.728	1970077	20.029 ug/ml
21) T Benzo[g,h,i]perylene ...	17.937	1931593	19.053 ug/ml

(f)=RT Delta > 1/2 Window

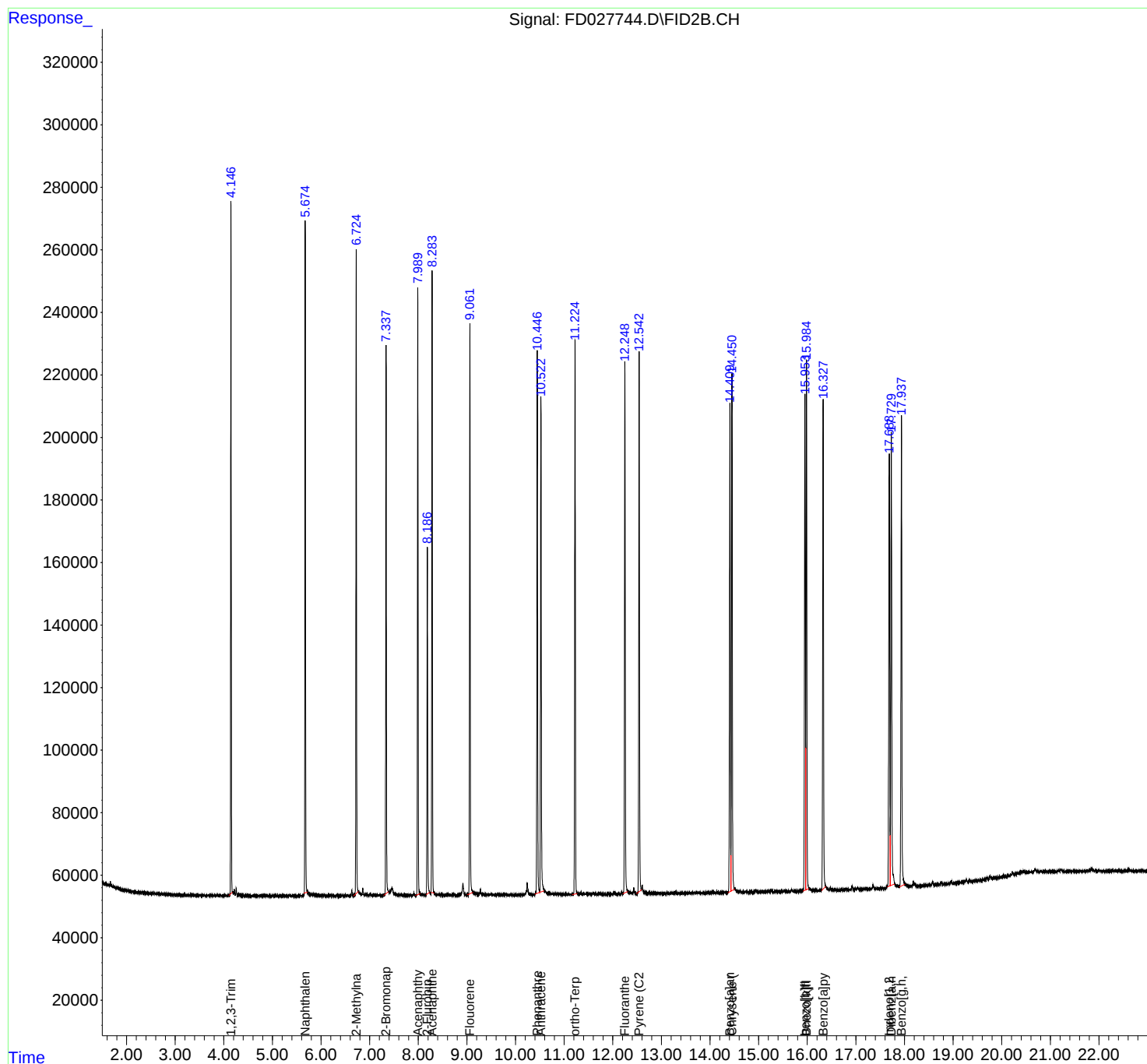
(m)=manual int.

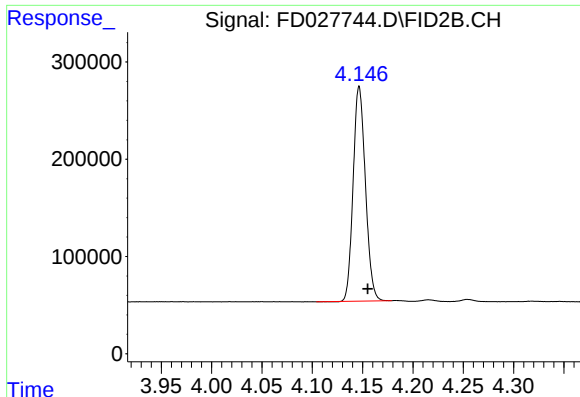
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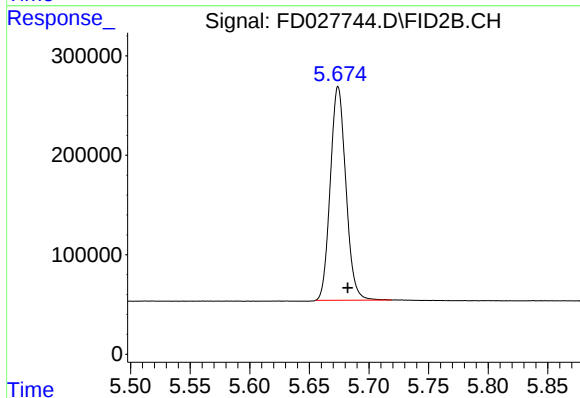




#1 1,2,3-Trimethylbenzene (C10.1)

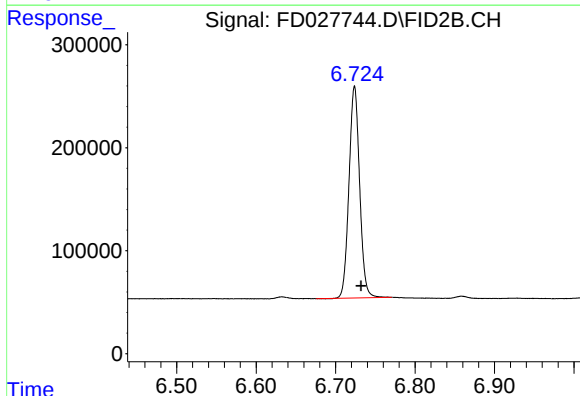
R.T.: 4.147 min
Delta R.T.: -0.008 min
Response: 1873408
Conc: 23.70 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



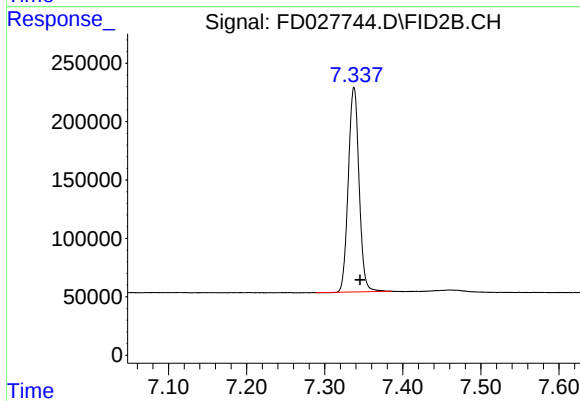
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 1950146
Conc: 22.91 ug/ml



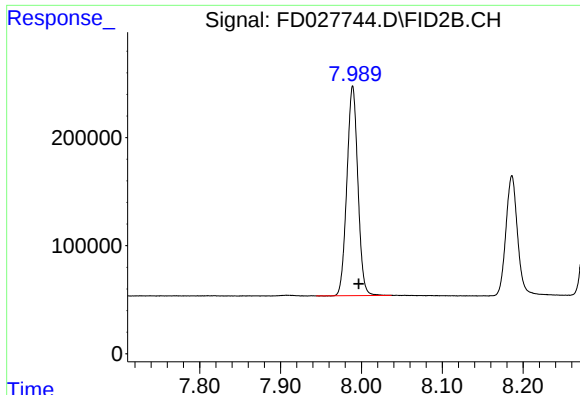
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 1912166
Conc: 22.67 ug/ml



#4 2-Bromonaphthalene (SURR)

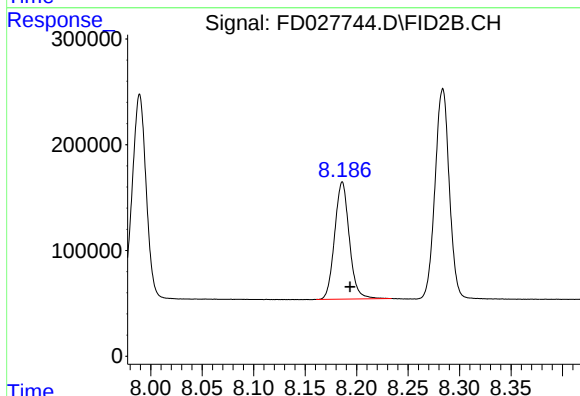
R.T.: 7.338 min
Delta R.T.: -0.008 min
Response: 1682317
Conc: 22.66 ug/ml



#5 Acenaphthylene (C15.06)

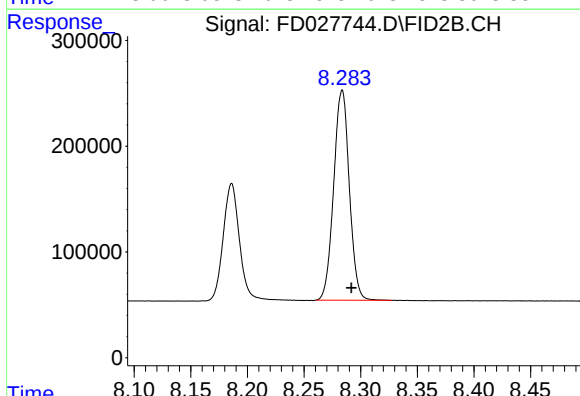
R.T.: 7.989 min
Delta R.T.: -0.007 min
Response: 1829309
Conc: 21.85 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



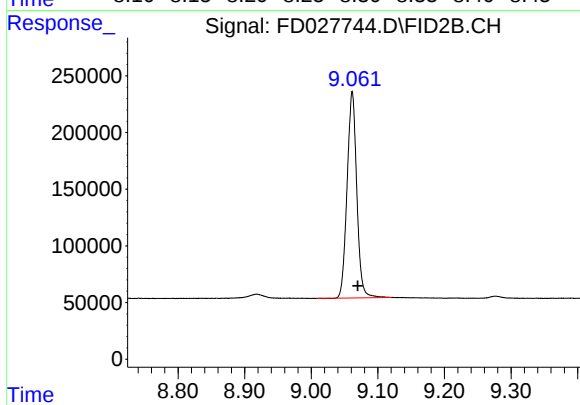
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.186 min
Delta R.T.: -0.008 min
Response: 1097352
Conc: 21.57 ug/ml



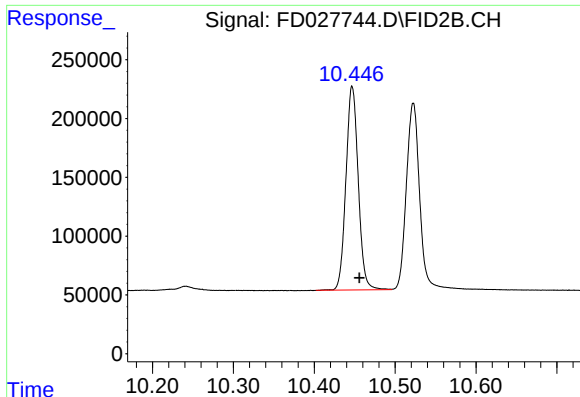
#7 Acenaphthene (C15.5)

R.T.: 8.284 min
Delta R.T.: -0.008 min
Response: 1910499
Conc: 21.74 ug/ml



#8 Flouorene (C16.55)

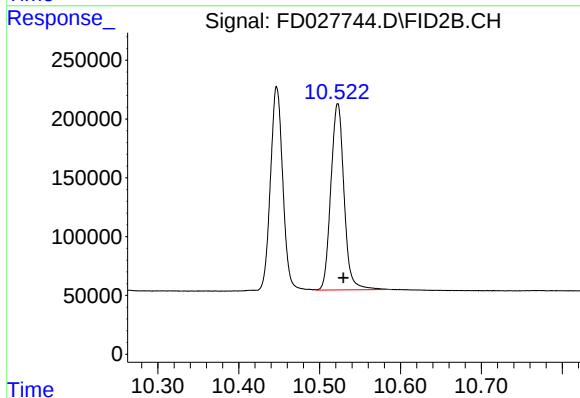
R.T.: 9.062 min
Delta R.T.: -0.008 min
Response: 1838605
Conc: 21.08 ug/ml



#9 Phenanthrene (C19.36)

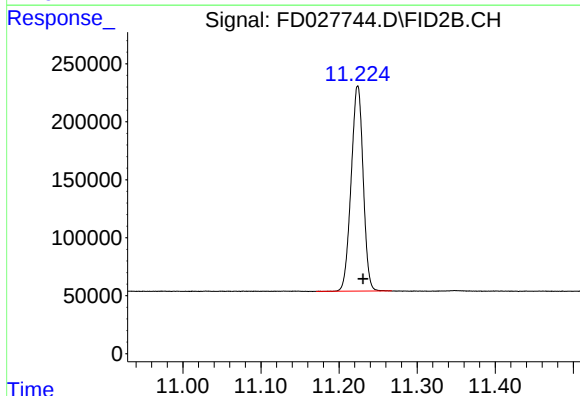
R.T.: 10.447 min
Delta R.T.: -0.009 min
Response: 1833024
Conc: 20.87 ug/ml

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20 PPM AROMATIC HC STD



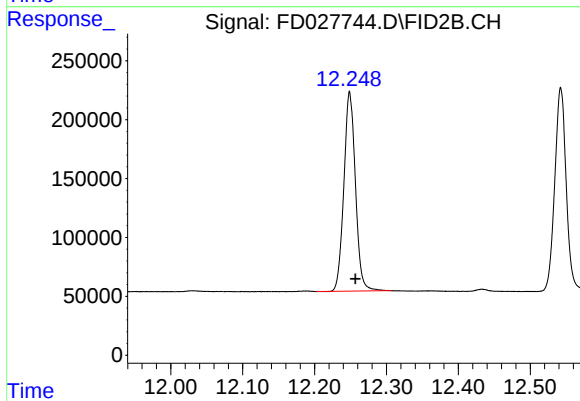
#10 Anthracene (C19.43)

R.T.: 10.523 min
Delta R.T.: -0.007 min
Response: 1797579
Conc: 20.80 ug/ml



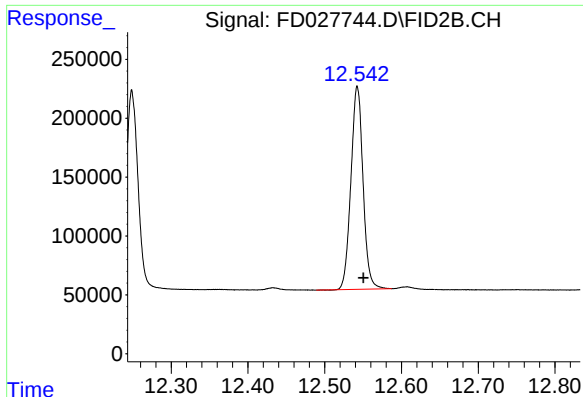
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: -0.007 min
Response: 1891676
Conc: 21.34 ug/ml



#12 Fluoranthene (C21.85)

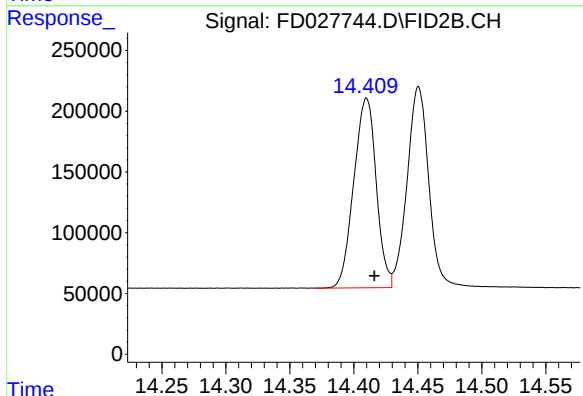
R.T.: 12.249 min
Delta R.T.: -0.008 min
Response: 1889334
Conc: 21.10 ug/ml



#13 Pyrene (C20.8)

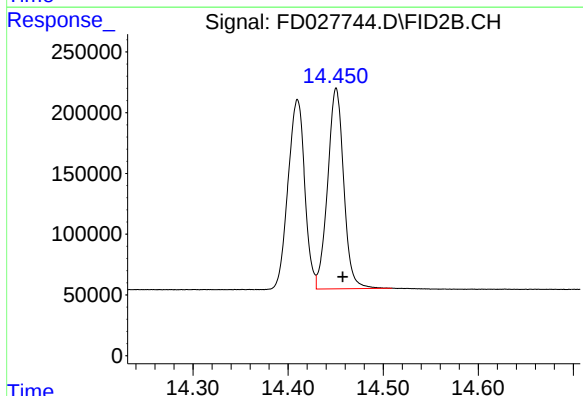
R.T.: 12.543 min
Delta R.T.: -0.008 min
Response: 1889886
Conc: 21.30 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



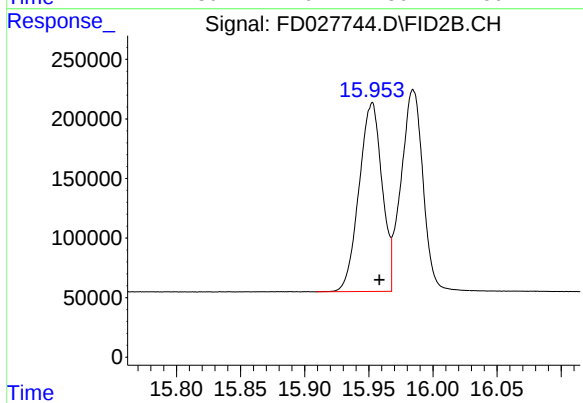
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.410 min
Delta R.T.: -0.006 min
Response: 1900631
Conc: 21.26 ug/ml



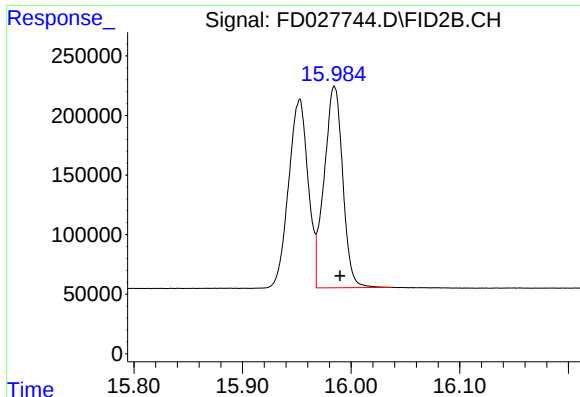
#15 Chrysene (C27.41)

R.T.: 14.451 min
Delta R.T.: -0.007 min
Response: 1938823
Conc: 21.35 ug/ml



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

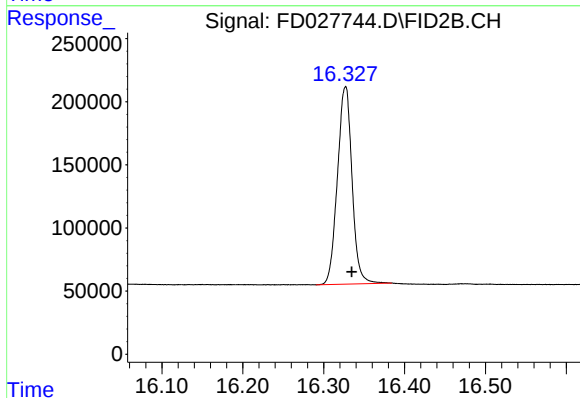
R.T.: 15.953 min
Delta R.T.: -0.006 min
Response: 1974736
Conc: 20.22 ug/ml



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

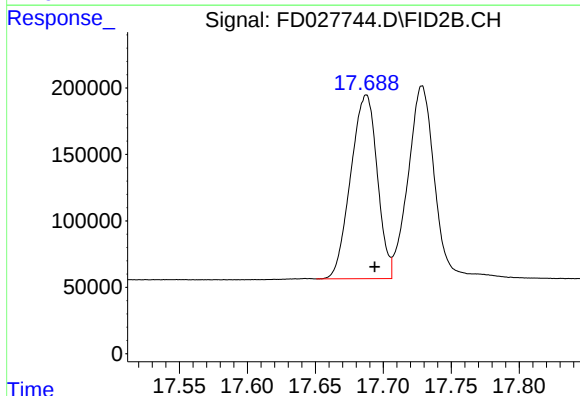
R.T.: 15.985 min
Delta R.T.: -0.005 min
Response: 2010897
Conc: 20.34 ug/ml

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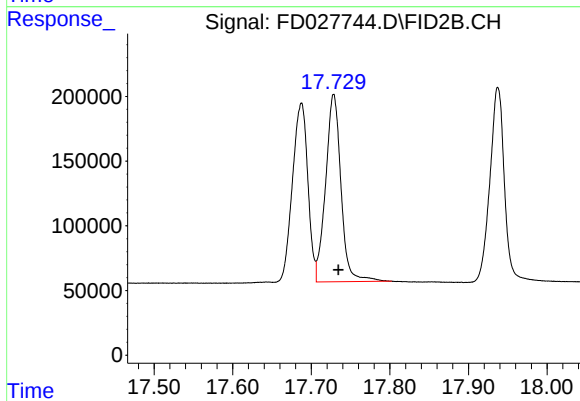
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.327 min
Delta R.T.: -0.008 min
Response: 1961533
Conc: 20.06 ug/ml



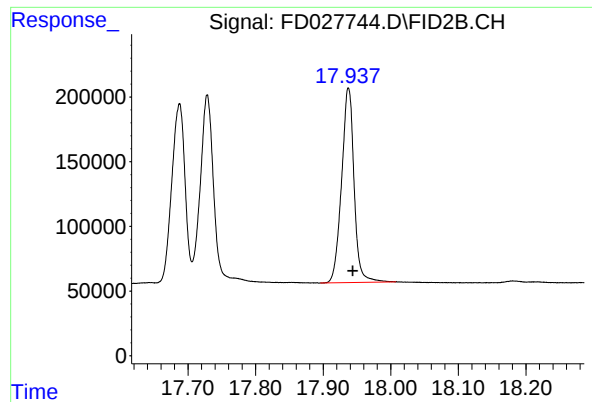
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.687 min
Delta R.T.: -0.006 min
Response: 1877971
Conc: 18.94 ug/ml



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

R.T.: 17.728 min
Delta R.T.: -0.006 min
Response: 1970077
Conc: 20.03 ug/ml



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

R.T.: 17.937 min
Delta R.T.: -0.006 min
Response: 1931593
Conc: 19.05 ug/ml

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