

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122618AR\
 Data File : FD027051.D
 Signal(s) : FID2B.CH
 Acq On : 26 Dec 2018 18:29
 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: sample.E
 Quant Time: Dec 26 23:52:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 2018
 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...	7.372	1587262	19.273 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
6) S 2-Fluorobiphenyl (SURR)	8.222	1080565	19.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.25%
11) S ortho-Terphenyl (SURR)	11.263	1854265	19.565 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	1677066	18.995 ug/ml
2) T Naphthalene (C11.7)	5.707	1828795	19.213 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	1807557	19.217 ug/ml
5) T Acenaphthylene (C15.06)	8.025	1746938	19.151 ug/ml
7) T Acenaphthene (C15.5)	8.320	1831504	19.173 ug/ml
8) T Fluorene (C16.55)	9.098	1809237	19.069 ug/ml
9) T Phenanthrene (C19.36)	10.487	1844258	19.366 ug/ml
10) T Anthracene (C19.43)	10.561	1823829	19.304 ug/ml
12) T Fluoranthene (C21.85)	12.291	1927378	19.985 ug/ml
13) T Pyrene (C20.8)	12.585	1944426	20.113 ug/ml
14) T Benzo[a]anthracene (C...	14.455	1902868	20.199 ug/ml
15) T Chrysene (C27.41)	14.496	1930622	20.412 ug/ml
16) T benzo[b]fluoranthene ...	16.000	1975100	19.836 ug/ml
17) T Bnezo[k]fluoranthene ...	16.032	1972847	19.913 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	1947360	19.436 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	1825466	17.179 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	1783176	17.682 ug/ml
21) T Benzo[g,h,i]perylene ...	17.989	1892970	18.023 ug/ml

(f)=RT Delta > 1/2 Window

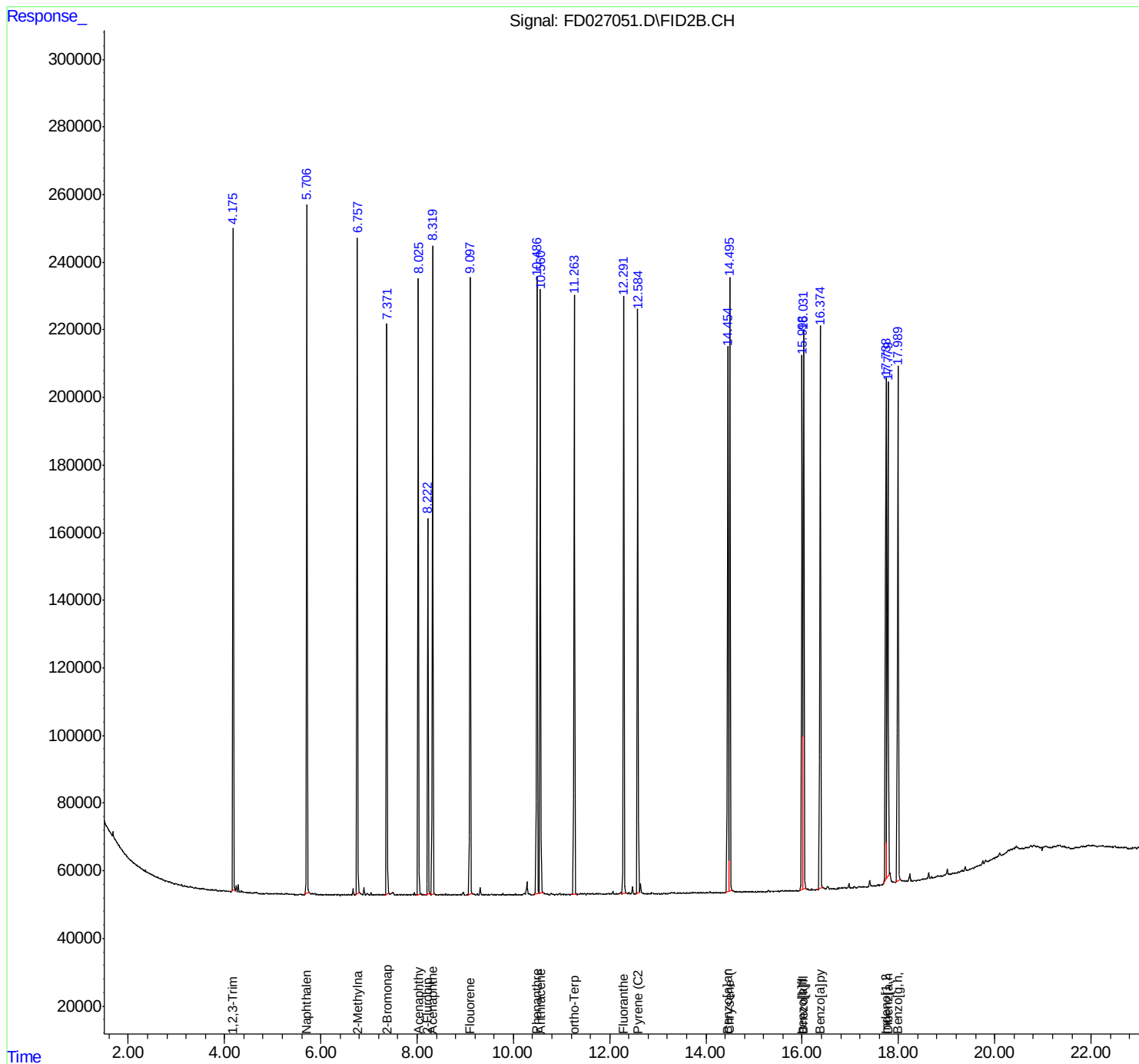
(m)=manual int.

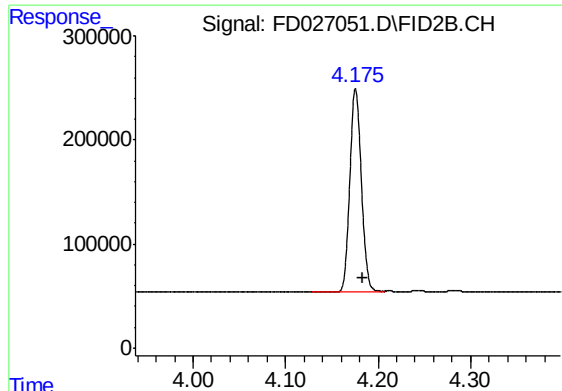
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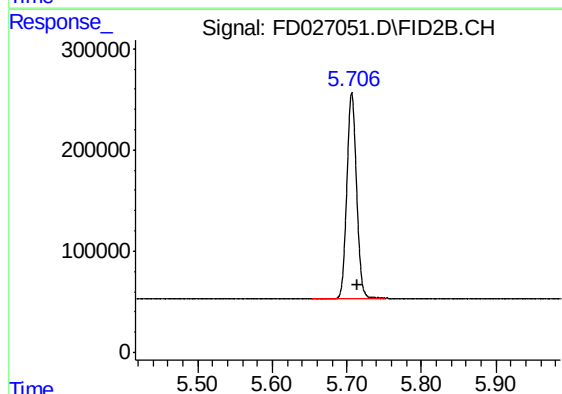




#1 1,2,3-Trimethylbenzene (C10.1)

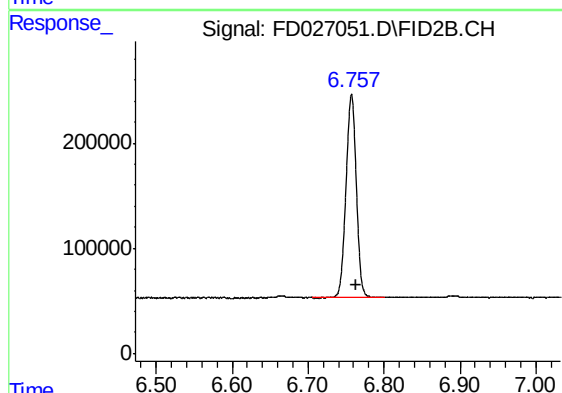
R.T.: 4.176 min
Delta R.T.: -0.008 min
Response: 1677066
Conc: 19.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



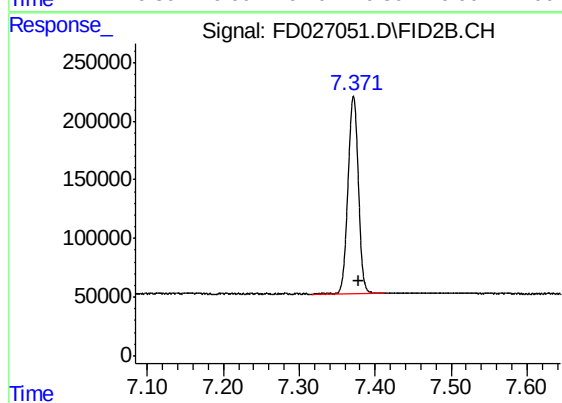
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.008 min
Response: 1828795
Conc: 19.21 ug/ml



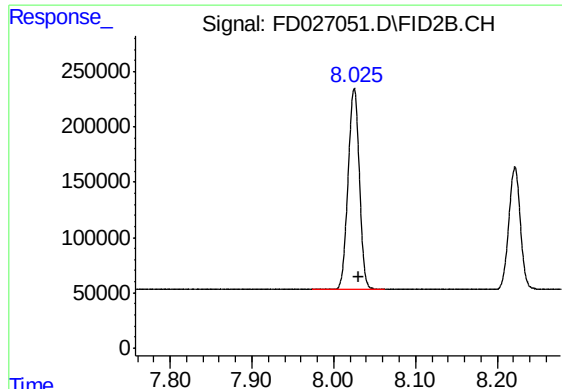
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.007 min
Response: 1807557
Conc: 19.22 ug/ml



#4 2-Bromonaphthalene (SURR)

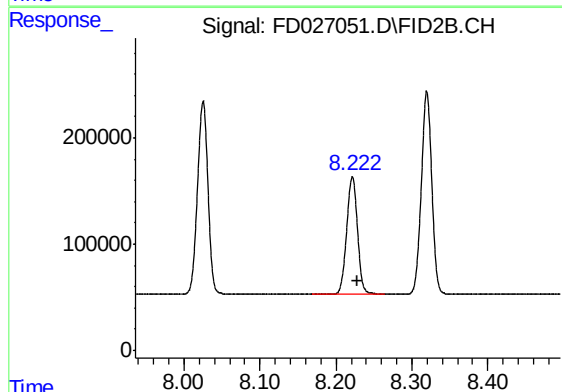
R.T.: 7.372 min
Delta R.T.: -0.007 min
Response: 1587262
Conc: 19.27 ug/ml



#5 Acenaphthylene (C15.06)

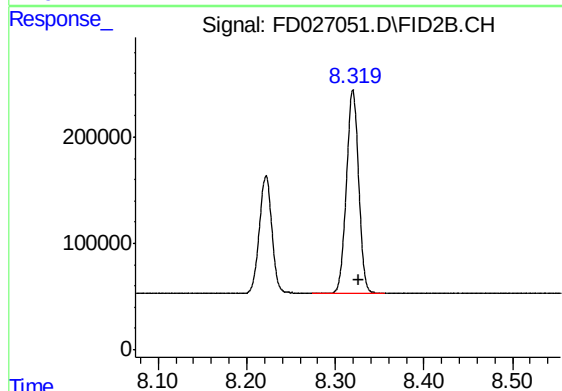
R.T.: 8.025 min
Delta R.T.: -0.006 min
Response: 1746938
Conc: 19.15 ug/ml

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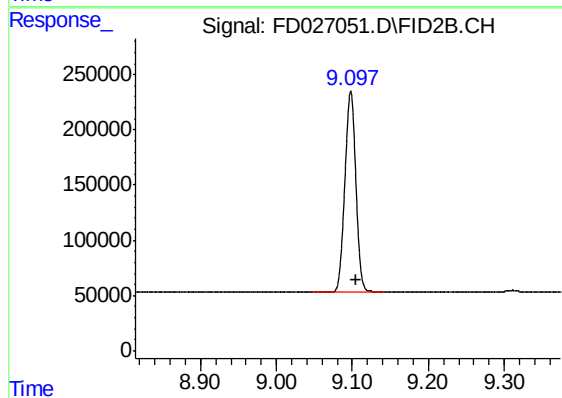
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 1080565
Conc: 19.12 ug/ml



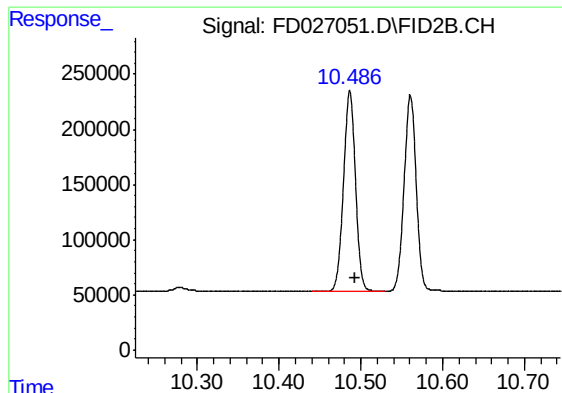
#7 Acenaphthene (C15.5)

R.T.: 8.320 min
Delta R.T.: -0.006 min
Response: 1831504
Conc: 19.17 ug/ml



#8 Fluorene (C16.55)

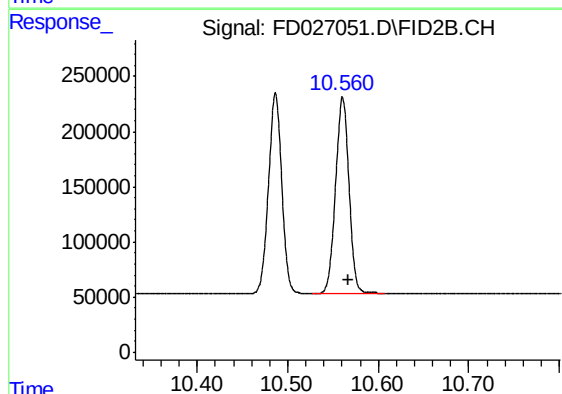
R.T.: 9.098 min
Delta R.T.: -0.007 min
Response: 1809237
Conc: 19.07 ug/ml



#9 Phenanthrene (C19.36)

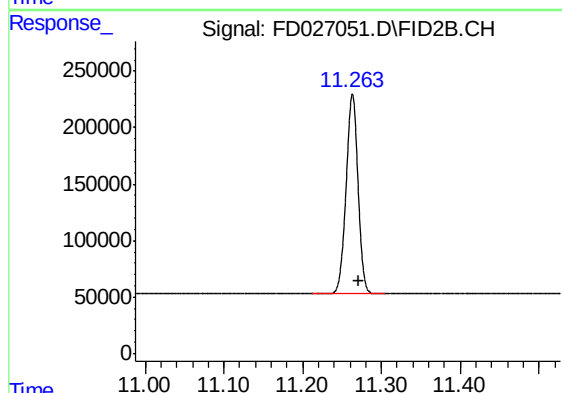
R.T.: 10.487 min
Delta R.T.: -0.006 min
Response: 1844258
Conc: 19.37 ug/ml

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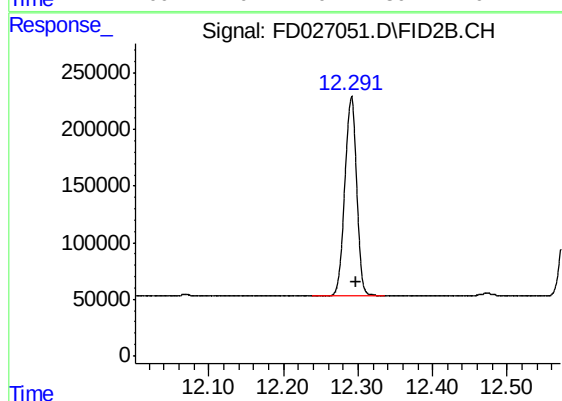
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.006 min
Response: 1823829
Conc: 19.30 ug/ml



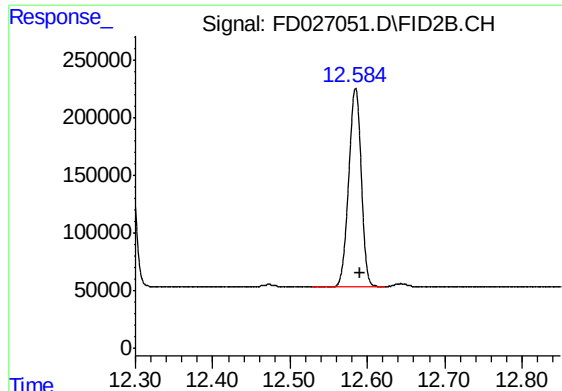
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: -0.007 min
Response: 1854265
Conc: 19.57 ug/ml



#12 Fluoranthene (C21.85)

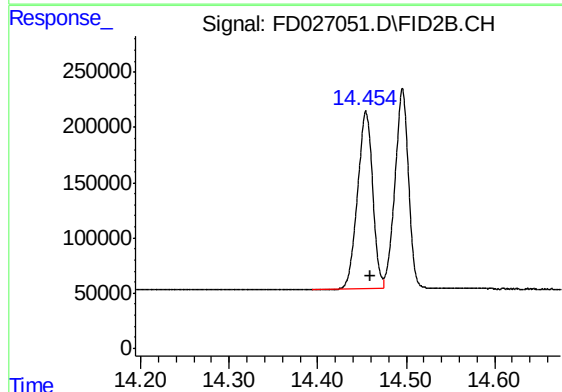
R.T.: 12.291 min
Delta R.T.: -0.006 min
Response: 1927378
Conc: 19.98 ug/ml



#13 Pyrene (C20.8)

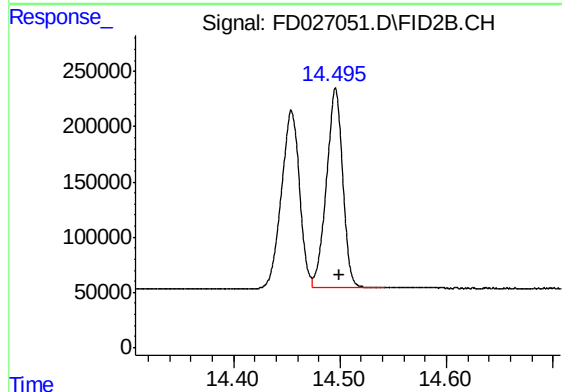
R.T.: 12.585 min
Delta R.T.: -0.006 min
Response: 1944426
Conc: 20.11 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



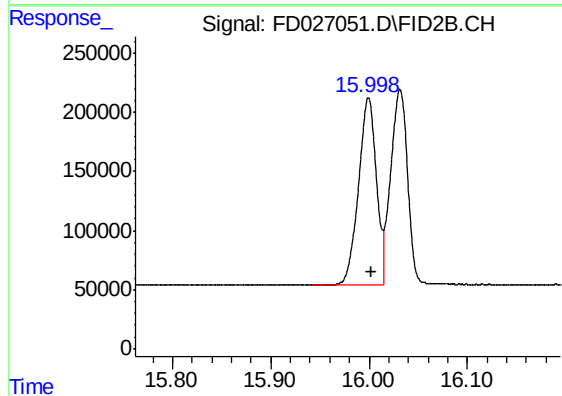
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: -0.004 min
Response: 1902868
Conc: 20.20 ug/ml



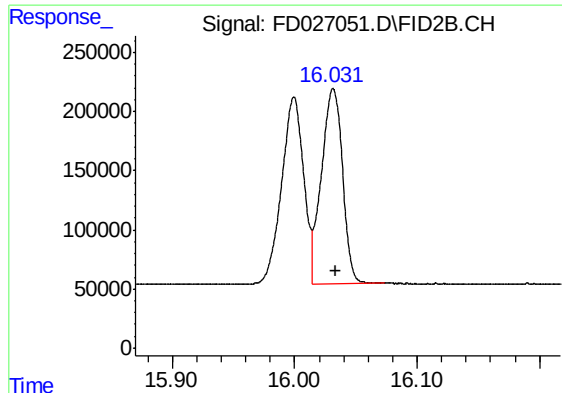
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.004 min
Response: 1930622
Conc: 20.41 ug/ml



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

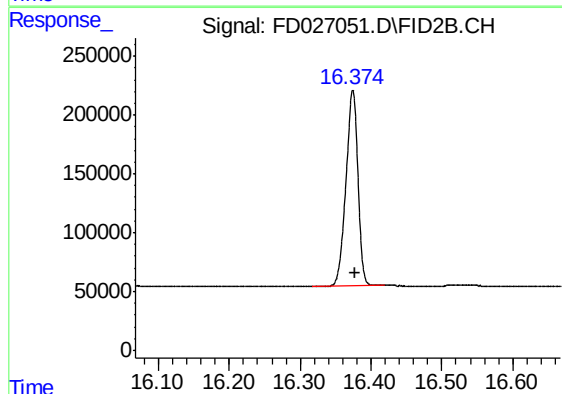
R.T.: 16.000 min
Delta R.T.: -0.003 min
Response: 1975100
Conc: 19.84 ug/ml



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

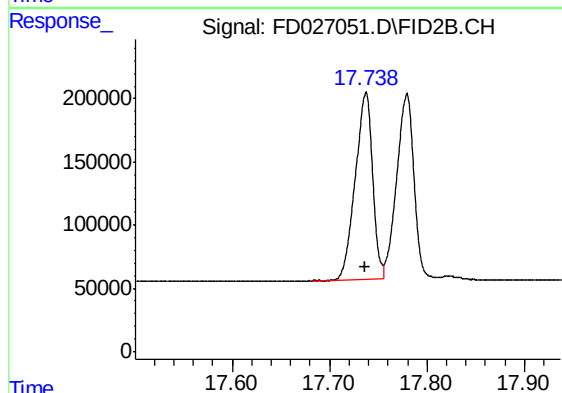
R.T.: 16.032 min
Delta R.T.: -0.003 min
Response: 1972847
Conc: 19.91 ug/ml

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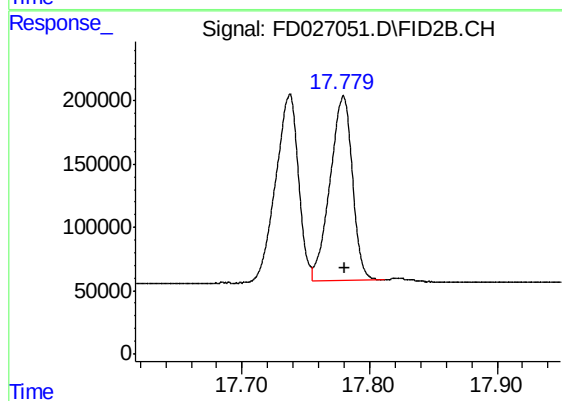
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: -0.003 min
Response: 1947360
Conc: 19.44 ug/ml



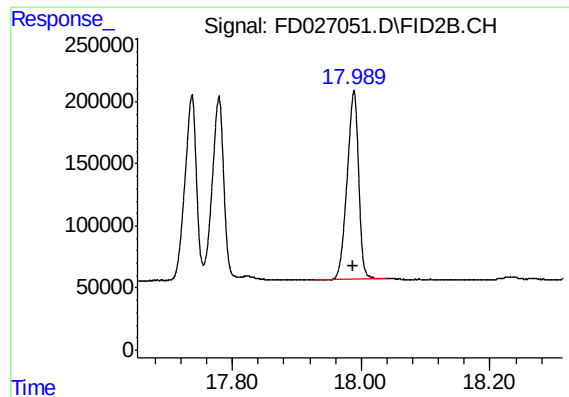
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.001 min
Response: 1825466
Conc: 17.18 ug/ml



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

R.T.: 17.779 min
Delta R.T.: 0.000 min
Response: 1783176
Conc: 17.68 ug/ml



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

R.T.: 17.989 min
Delta R.T.: 0.002 min
Response: 1892970
Conc: 18.02 ug/ml

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