

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020419AR\
 Data File : FD027558.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2019 22:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC ICV

Integration File: autoint1.e
 Quant Time: Feb 05 01:08:37 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...	7.344	1560250	21.016 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
6) S 2-Fluorobiphenyl (SURR)	8.194	1077382	21.176 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.35%
11) S ortho-Terphenyl (SURR)	11.233	1818994	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	1693406	21.426 ug/ml
2) T Naphthalene (C11.7)	5.681	1811157	21.278 ug/ml
3) T 2-Methylnaphthalene (...)	6.731	1778401	21.080 ug/ml
5) T Acenaphthylene (C15.06)	7.997	1763156	21.058 ug/ml
7) T Acenaphthene (C15.5)	8.292	1841707	20.953 ug/ml
8) T Fluorene (C16.55)	9.070	1829717	20.981 ug/ml
9) T Phenanthrene (C19.36)	10.457	1845710	21.011 ug/ml
10) T Anthracene (C19.43)	10.531	1818560	21.046 ug/ml
12) T Fluoranthene (C21.85)	12.259	1855794	20.729 ug/ml
13) T Pyrene (C20.8)	12.551	1858248	20.941 ug/ml
14) T Benzo[a]anthracene (C...	14.418	1821920	20.376 ug/ml
15) T Chrysene (C27.41)	14.461	1848366	20.354 ug/ml
16) T benzo[b]fluoranthene ...	15.963	2004923	20.528 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	2028996	20.521 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.339	2043914	20.904 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.700	2072897	20.903 ug/ml
20) T Dibenz[a,h]anthracene...	17.742	2042232	20.762 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	2139345	21.102 ug/ml

(f)=RT Delta > 1/2 Window

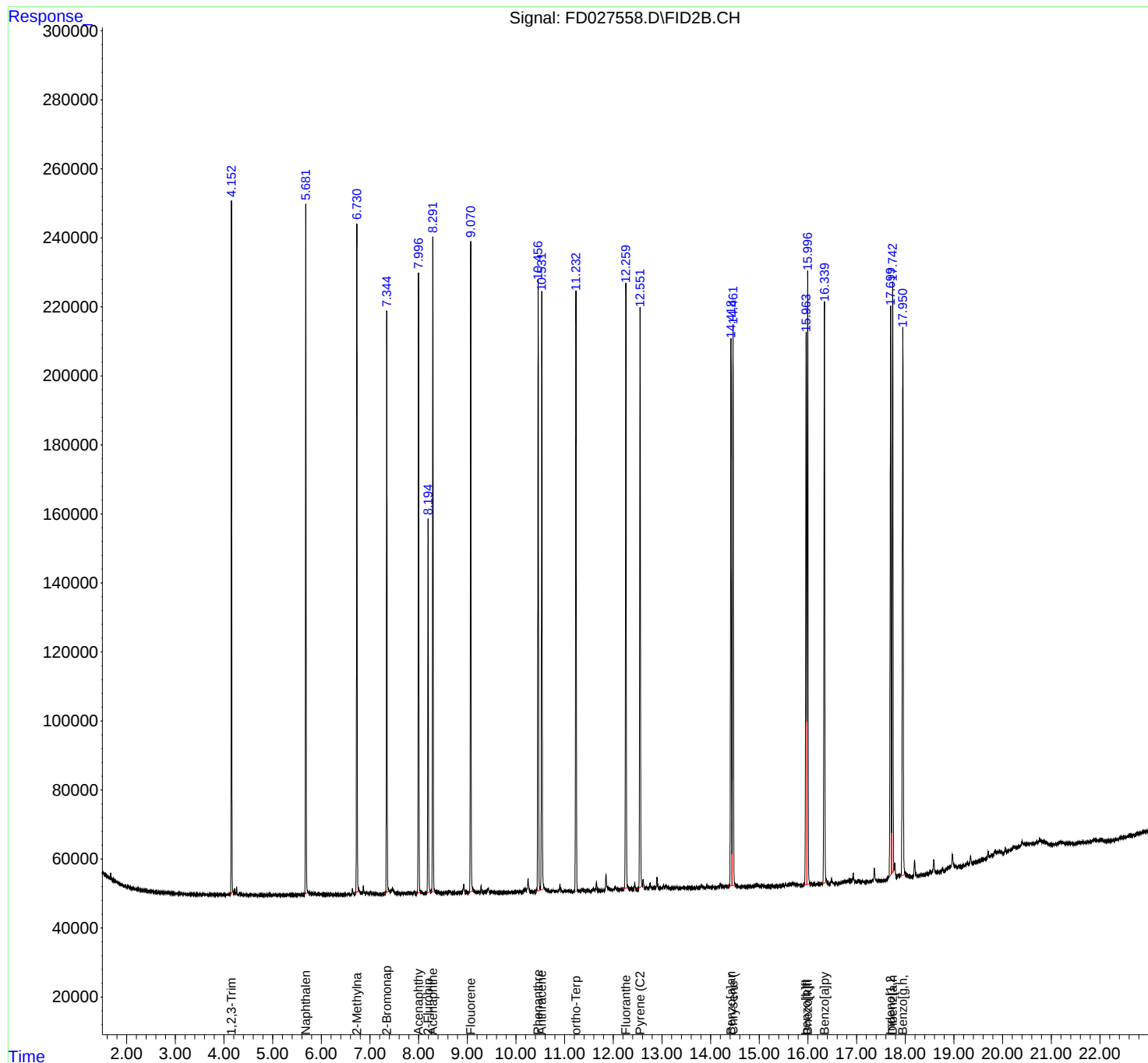
(m)=manual int.

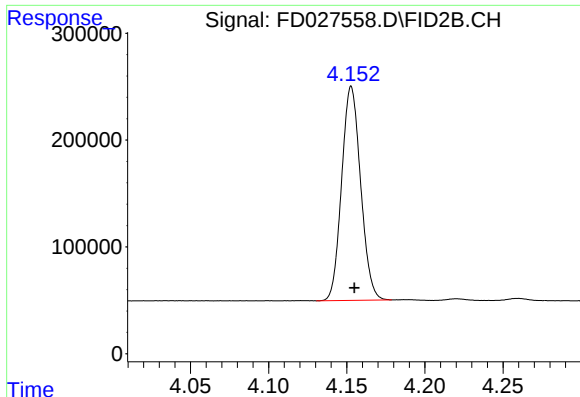
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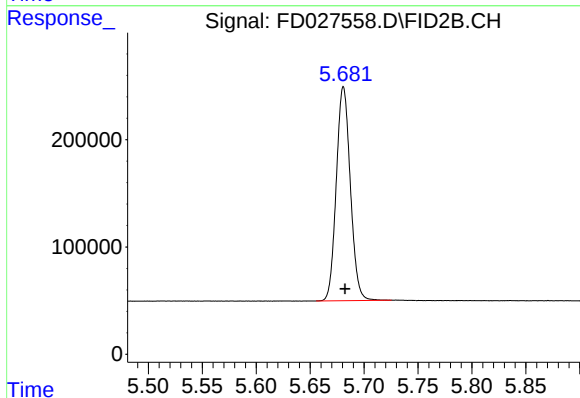




#1 1,2,3-Trimethylbenzene (C10.1)

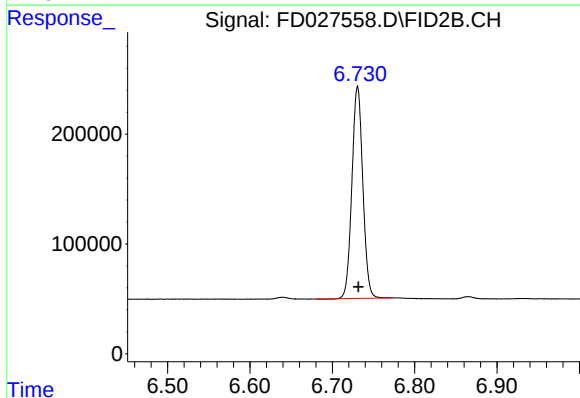
R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 1693406
Conc: 21.43 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC ICV



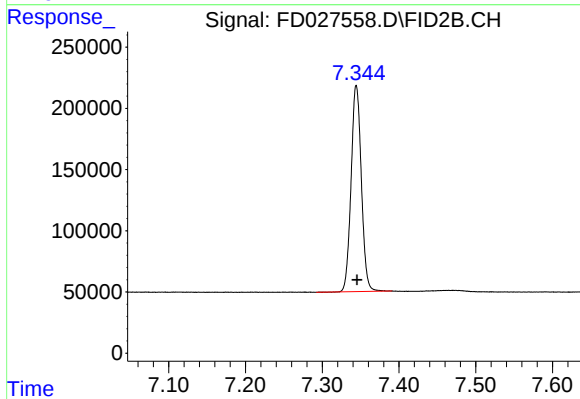
#2 Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 1811157
Conc: 21.28 ug/ml



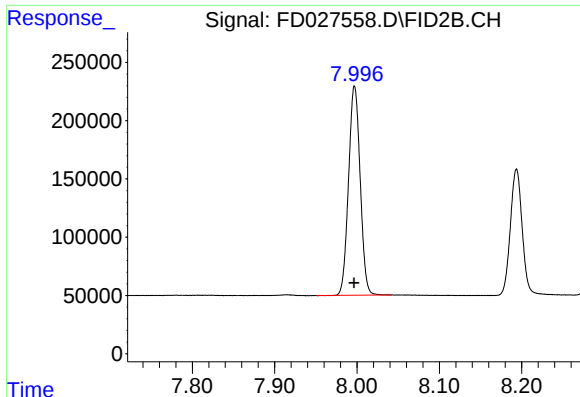
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.001 min
Response: 1778401
Conc: 21.08 ug/ml



#4 2-Bromonaphthalene (SURR)

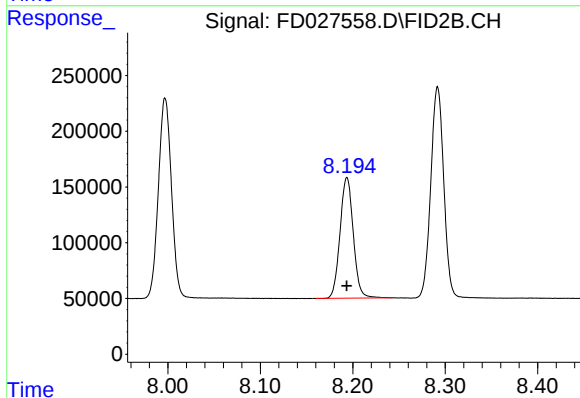
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 1560250
Conc: 21.02 ug/ml



#5 Acenaphthylene (C15.06)

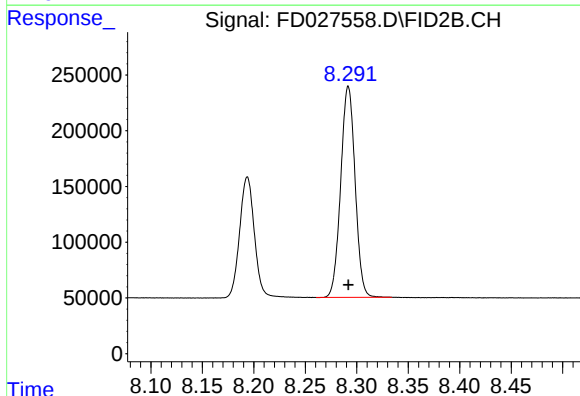
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 1763156
Conc: 21.06 ug/ml

Instrument :
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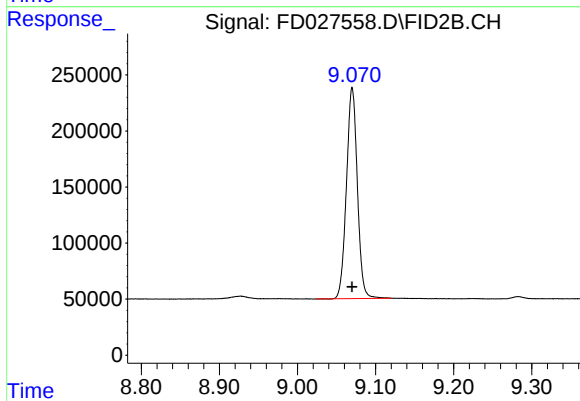
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 1077382
Conc: 21.18 ug/ml



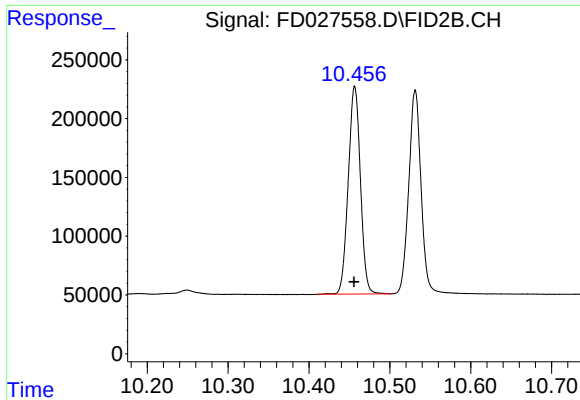
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 1841707
Conc: 20.95 ug/ml



#8 Fluorene (C16.55)

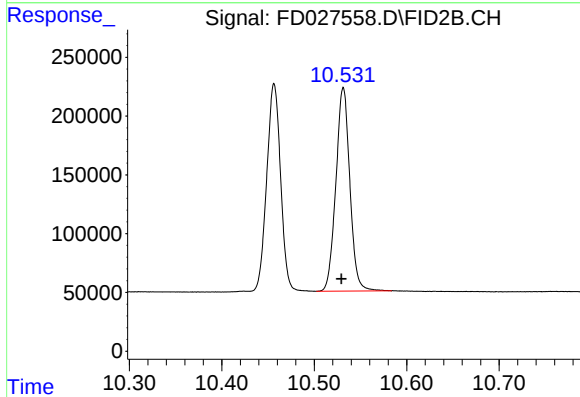
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 1829717
Conc: 20.98 ug/ml



#9 Phenanthrene (C19.36)

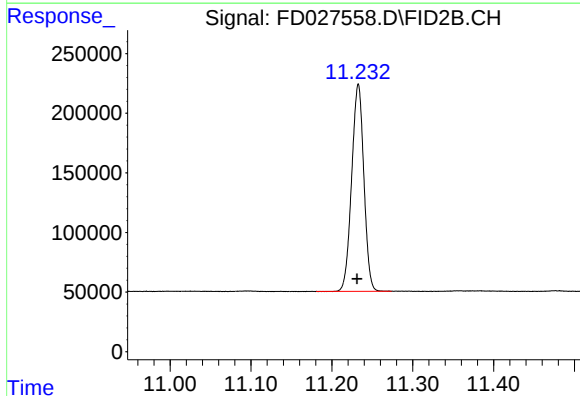
R.T.: 10.457 min
Delta R.T.: 0.000 min
Response: 1845710
Conc: 21.01 ug/ml

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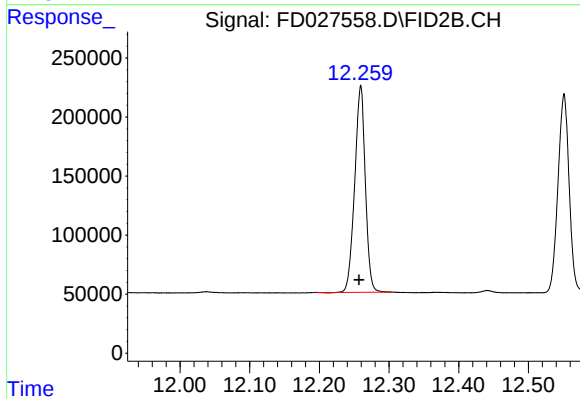
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: 0.002 min
Response: 1818560
Conc: 21.05 ug/ml



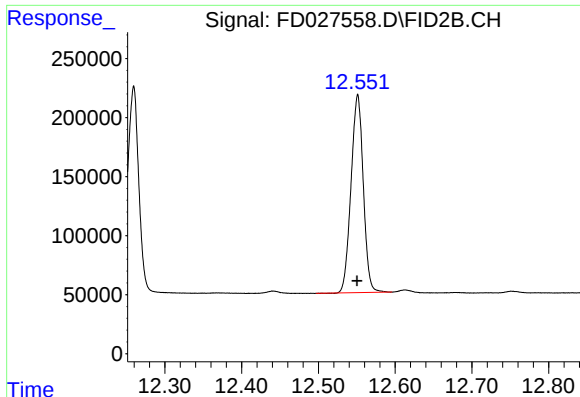
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.002 min
Response: 1818994
Conc: 20.52 ug/ml



#12 Fluoranthene (C21.85)

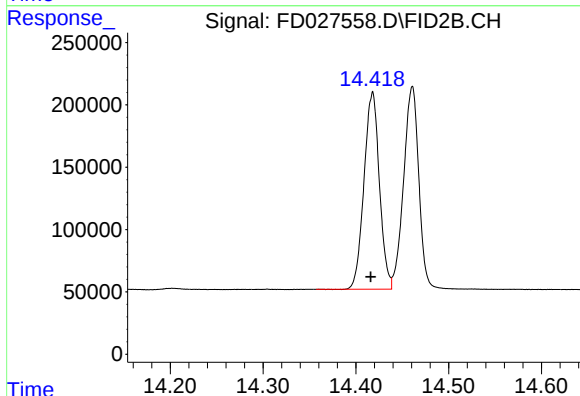
R.T.: 12.259 min
Delta R.T.: 0.002 min
Response: 1855794
Conc: 20.73 ug/ml



#13 Pyrene (C20.8)

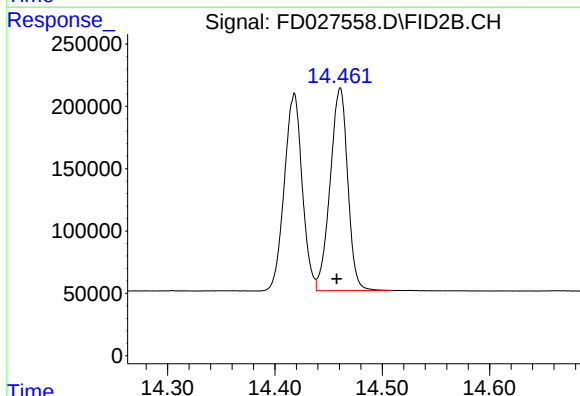
R.T.: 12.551 min
Delta R.T.: 0.000 min
Response: 1858248
Conc: 20.94 ug/ml

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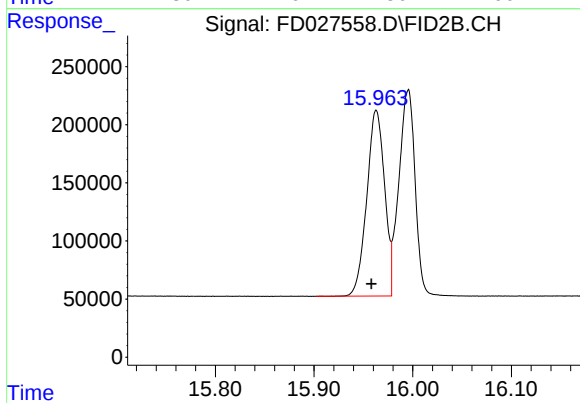
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.418 min
Delta R.T.: 0.002 min
Response: 1821920
Conc: 20.38 ug/ml



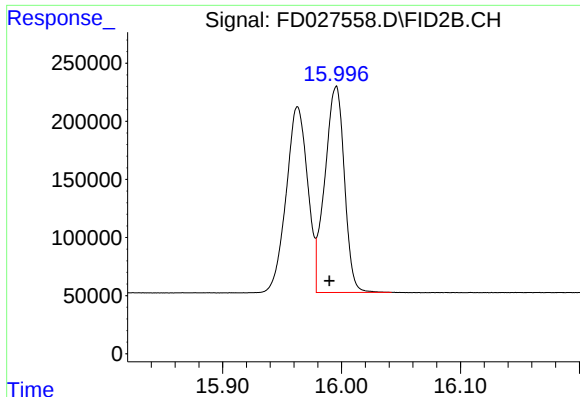
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: 0.003 min
Response: 1848366
Conc: 20.35 ug/ml



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

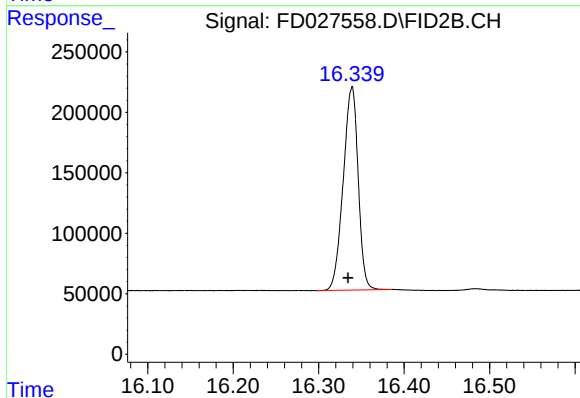
R.T.: 15.963 min
Delta R.T.: 0.005 min
Response: 2004923
Conc: 20.53 ug/ml



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

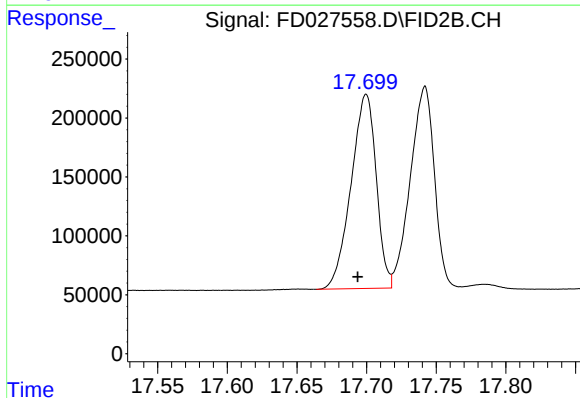
R.T.: 15.995 min
Delta R.T.: 0.006 min
Response: 2028996
Conc: 20.52 ug/ml

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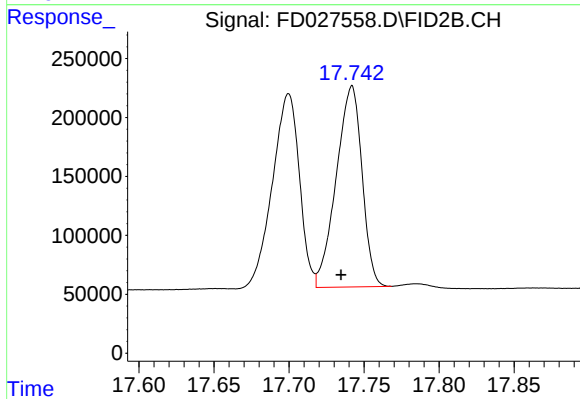
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: 0.004 min
Response: 2043914
Conc: 20.90 ug/ml



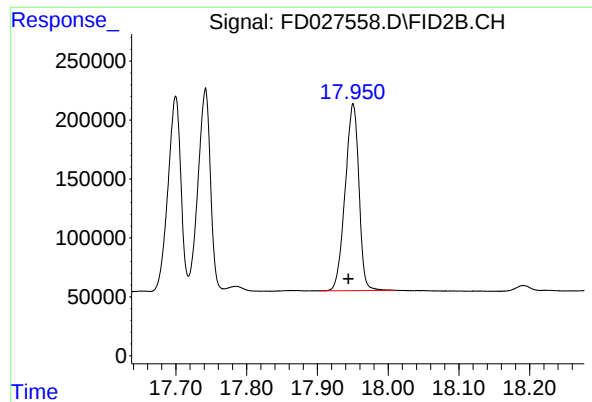
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.700 min
Delta R.T.: 0.006 min
Response: 2072897
Conc: 20.90 ug/ml



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

R.T.: 17.742 min
Delta R.T.: 0.007 min
Response: 2042232
Conc: 20.76 ug/ml



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

R.T.: 17.951 min
Delta R.T.: 0.007 min
Response: 2139345
Conc: 21.10 ug/ml

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