

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030838.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2019 7:13
 Operator : DD\AJ
 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: Sep 27 07:33:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.575	3479607	20.435 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
6) S 2-Fluorobiphenyl (SURR)	8.436	2322479	20.137 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.27%
11) S ortho-Terphenyl (SURR)	11.466	3674431	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.384	3837126	20.836 ug/ml
2) T Naphthalene (C11.7)	5.918	3968234	20.637 ug/ml
3) T 2-Methylnaphthalene (...)	6.967	3917424	20.566 ug/ml
5) T Acenaphthylene (C15.06)	8.239	3678116	19.969 ug/ml
7) T Acenaphthene (C15.5)	8.534	3864378	20.021 ug/ml
8) T Flouorene (C16.55)	9.313	3778872	19.993 ug/ml
9) T Phenanthrene (C19.36)	10.705	3707562	19.717 ug/ml
10) T Anthracene (C19.43)	10.779	3554449	19.449 ug/ml
12) T Fluoranthene (C21.85)	12.511	3592035	19.212 ug/ml
13) T Pyrene (C20.8)	12.807	3487248	18.963 ug/ml
14) T Benzo[a]anthracene (C...	14.673	3217523	18.596 ug/ml
15) T Chrysene (C27.41)	14.715	3284841	18.508 ug/ml
16) T benzo[b]fluoranthene ...	16.218	3044455	18.075 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	3062740	17.973 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.596	2955951	18.006 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.960	2863705	18.279 ug/ml
20) T Dibenz[a,h]anthracene...	17.996	2916845	18.641 ug/ml
21) T Benzo[g,h,i]perylene ...	18.213	2874487	18.666 ug/ml

(f)=RT Delta > 1/2 Window

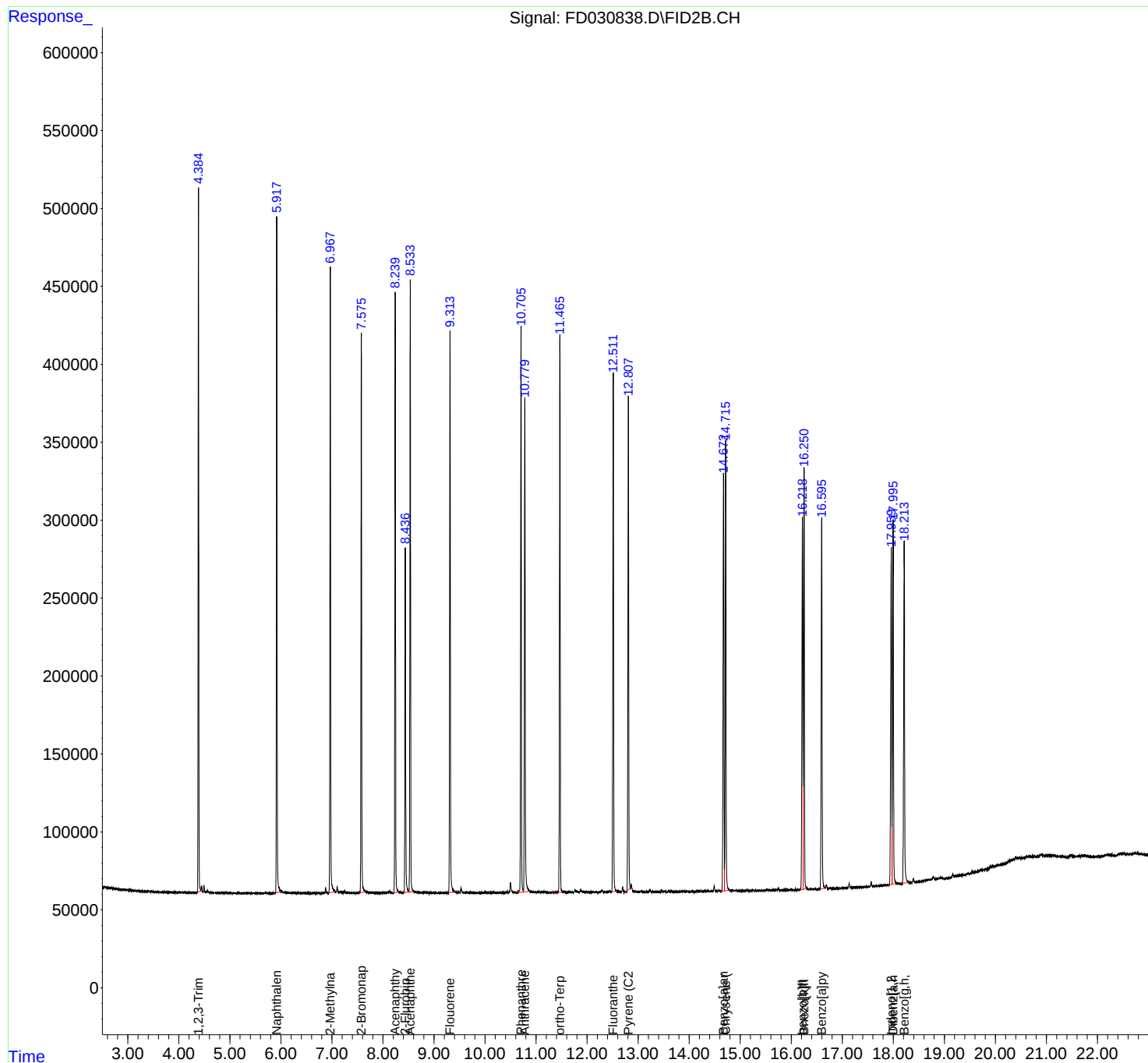
(m)=manual int.

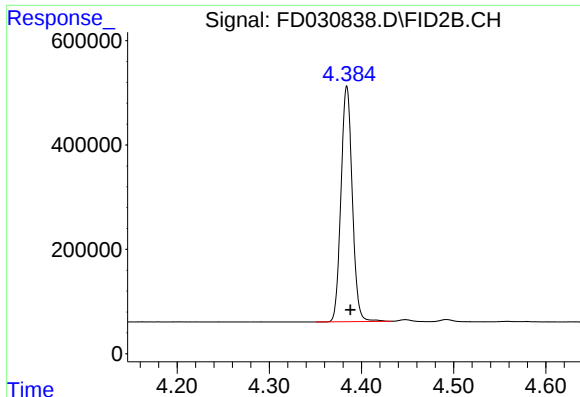
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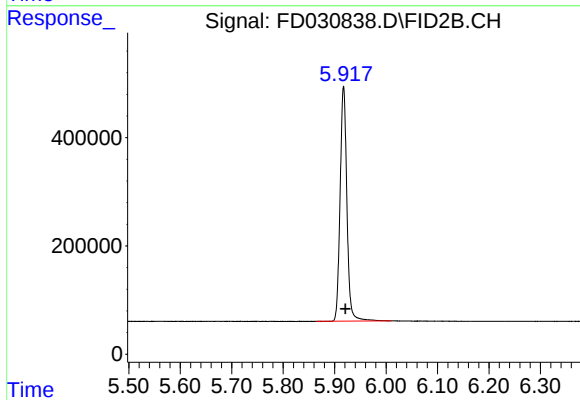




#1 1,2,3-Trimethylbenzene (C10.1)

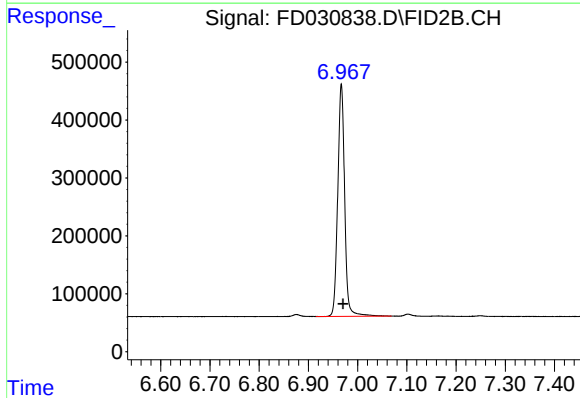
R.T.: 4.384 min
Delta R.T.: -0.004 min
Response: 3837126
Conc: 20.84 ug/ml

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20 PPM AROMATIC HC STD



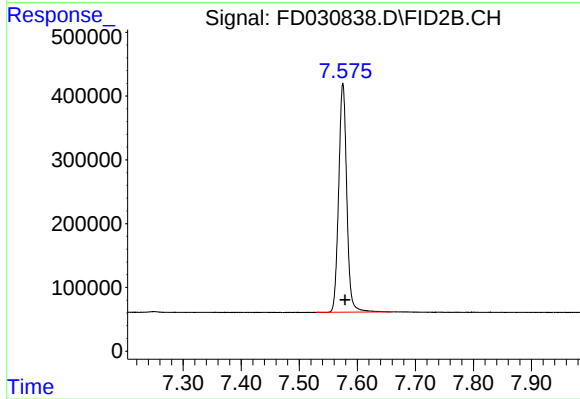
#2 Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.004 min
Response: 3968234
Conc: 20.64 ug/ml



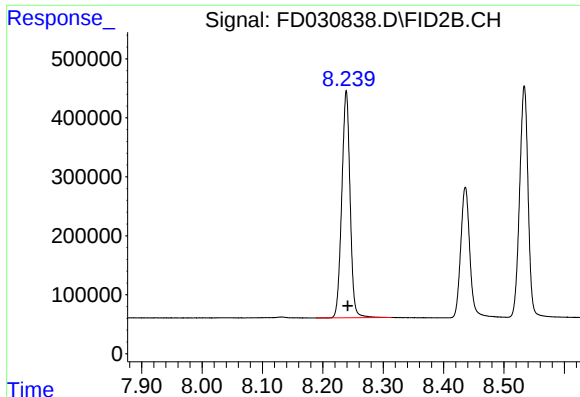
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.967 min
Delta R.T.: -0.003 min
Response: 3917424
Conc: 20.57 ug/ml



#4 2-Bromonaphthalene (SURR)

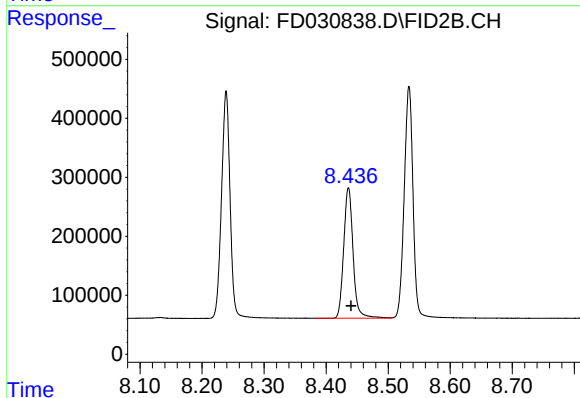
R.T.: 7.575 min
Delta R.T.: -0.003 min
Response: 3479607
Conc: 20.43 ug/ml



#5 Acenaphthylene (C15.06)

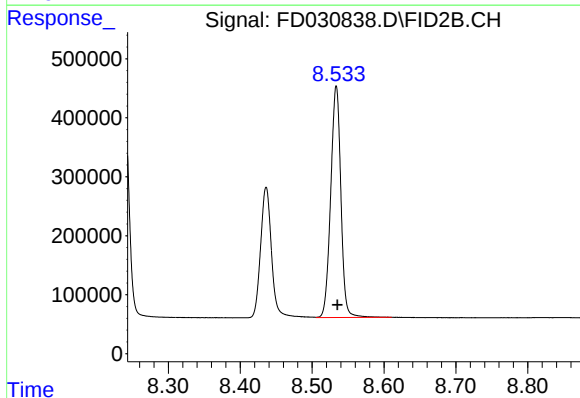
R.T.: 8.239 min
Delta R.T.: -0.002 min
Response: 3678116
Conc: 19.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



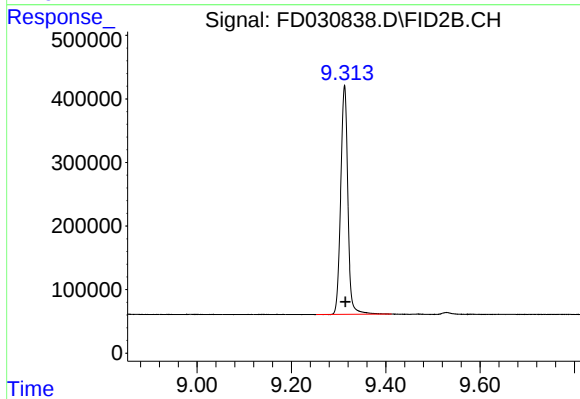
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.436 min
Delta R.T.: -0.004 min
Response: 2322479
Conc: 20.14 ug/ml



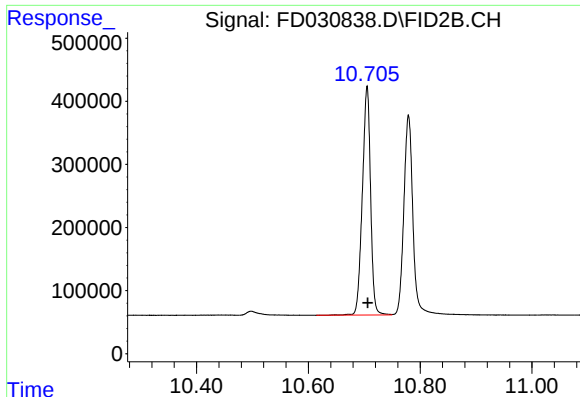
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.001 min
Response: 3864378
Conc: 20.02 ug/ml



#8 Fluorene (C16.55)

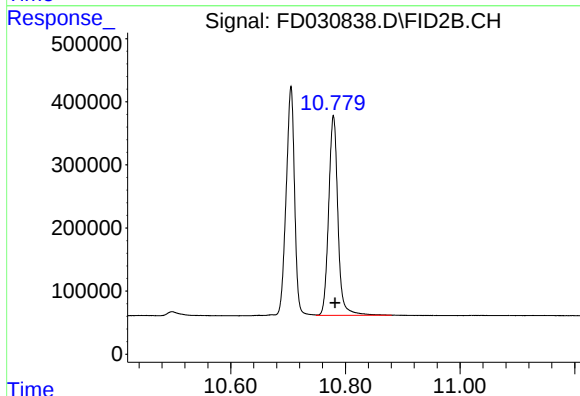
R.T.: 9.313 min
Delta R.T.: -0.002 min
Response: 3778872
Conc: 19.99 ug/ml



#9 Phenanthrene (C19.36)

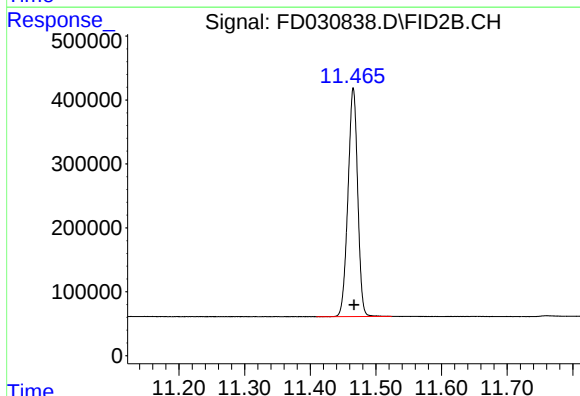
R.T.: 10.705 min
Delta R.T.: -0.001 min
Response: 3707562
Conc: 19.72 ug/ml

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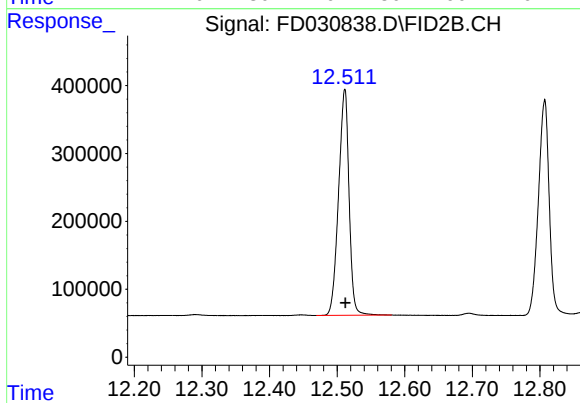
#10 Anthracene (C19.43)

R.T.: 10.779 min
Delta R.T.: -0.003 min
Response: 3554449
Conc: 19.45 ug/ml



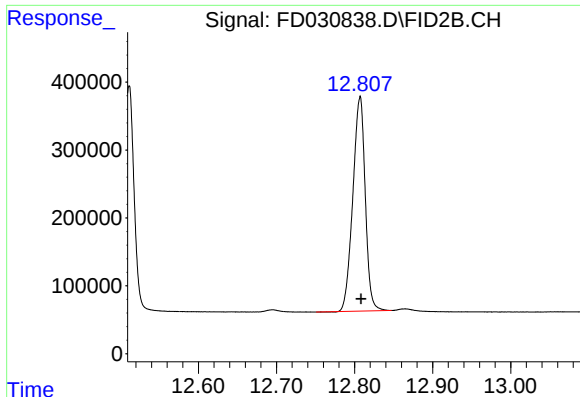
#11 ortho-Terphenyl (SURR)

R.T.: 11.466 min
Delta R.T.: -0.001 min
Response: 3674431
Conc: 19.68 ug/ml



#12 Fluoranthene (C21.85)

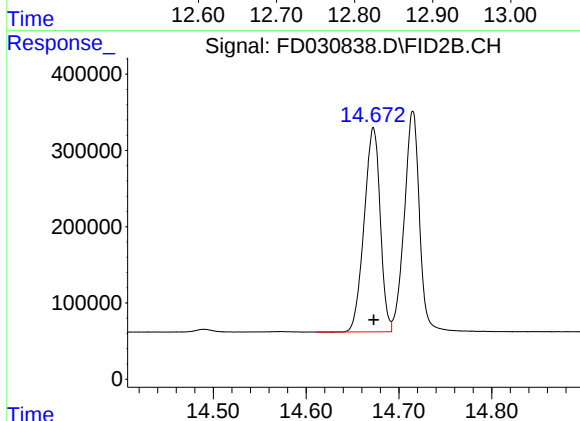
R.T.: 12.511 min
Delta R.T.: 0.000 min
Response: 3592035
Conc: 19.21 ug/ml



#13 Pyrene (C20.8)

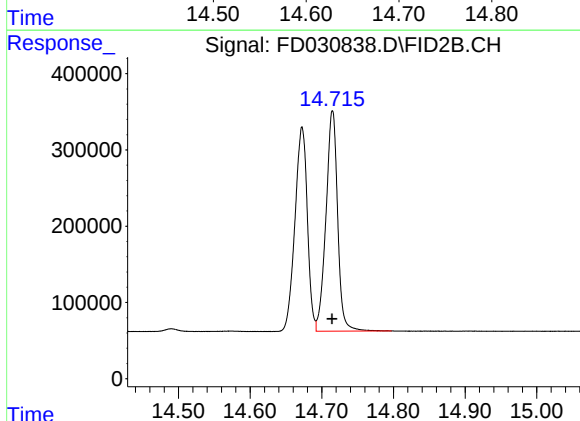
R.T.: 12.807 min
Delta R.T.: -0.001 min
Response: 3487248
Conc: 18.96 ug/ml

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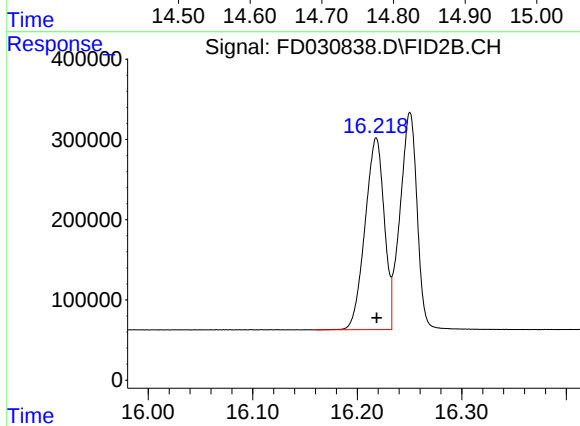
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 3217523
Conc: 18.60 ug/ml



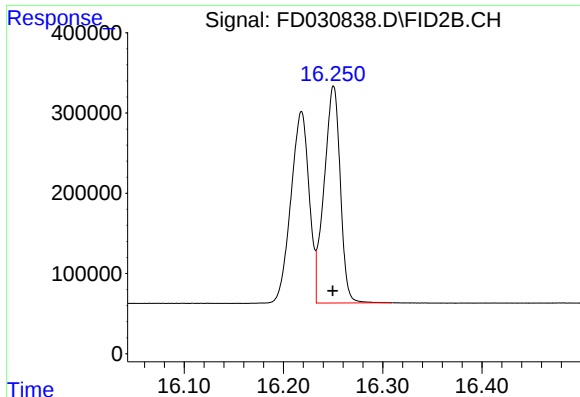
#15 Chrysene (C27.41)

R.T.: 14.715 min
Delta R.T.: 0.000 min
Response: 3284841
Conc: 18.51 ug/ml



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

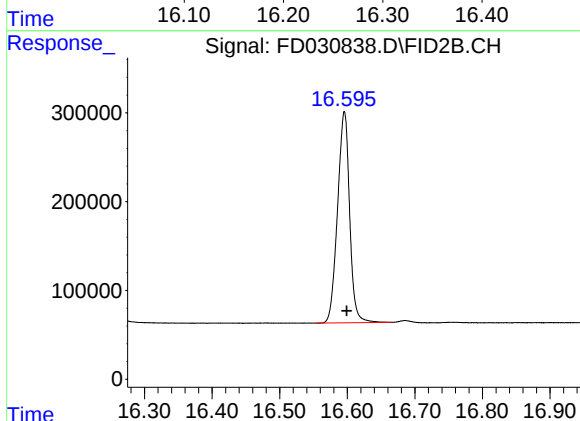
R.T.: 16.218 min
Delta R.T.: 0.000 min
Response: 3044455
Conc: 18.08 ug/ml



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

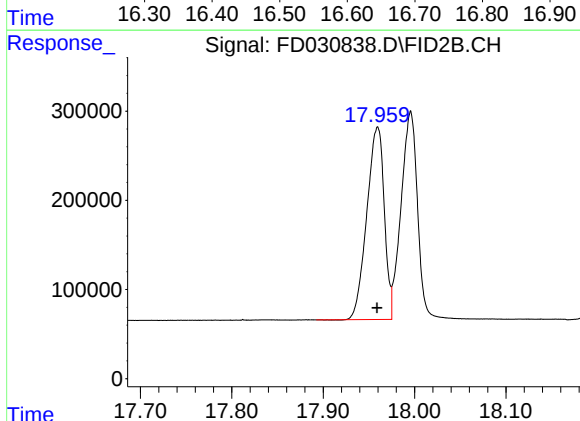
R.T.: 16.250 min
Delta R.T.: 0.000 min
Response: 3062740
Conc: 17.97 ug/ml

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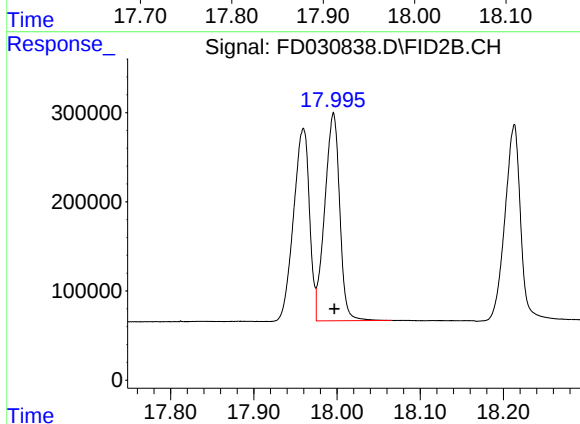
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.596 min
Delta R.T.: -0.003 min
Response: 2955951
Conc: 18.01 ug/ml



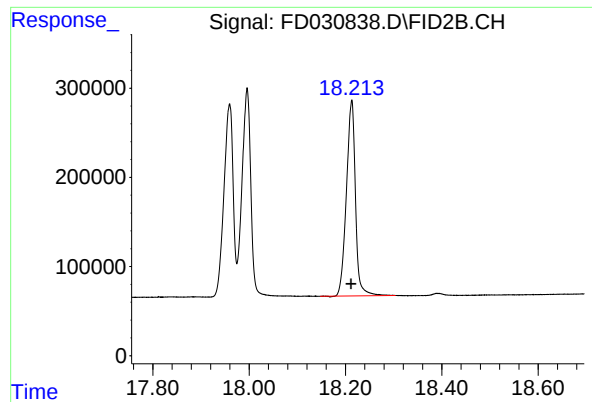
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min
Delta R.T.: 0.000 min
Response: 2863705
Conc: 18.28 ug/ml



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

R.T.: 17.996 min
Delta R.T.: -0.001 min
Response: 2916845
Conc: 18.64 ug/ml



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

R.T.: 18.213 min
Delta R.T.: 0.001 min
Response: 2874487
Conc: 18.67 ug/ml

Instrument :
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