

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060921AR\
 Data File : FD037846.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 5:37
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 07:49:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 2021
 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...	7.546	2069596	20.577 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
6) S 2-Fluorobiphenyl (SURR)	8.408	1360651	20.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.26%
11) S ortho-Terphenyl (SURR)	11.445	2310354	19.395 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	2248027	21.513 ug/ml
2) T Naphthalene (C11.7)	5.884	2314552	20.741 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	2390308	21.290 ug/ml
5) T Acenaphthylene (C15.06)	8.210	2215231	20.201 ug/ml
7) T Acenaphthene (C15.5)	8.505	2286965	20.106 ug/ml
8) T Fluorene (C16.55)	9.286	2195788	19.813 ug/ml
9) T Phenanthrene (C19.36)	10.681	2185645	19.439 ug/ml
10) T Anthracene (C19.43)	10.755	2092013	19.022 ug/ml
12) T Fluoranthene (C21.85)	12.491	2175478	18.745 ug/ml
13) T Pyrene (C20.8)	12.787	2157377	18.674 ug/ml
14) T Benzo[a]anthracene (C...	14.658	2103330	19.091 ug/ml
15) T Chrysene (C27.41)	14.700	2195770	19.060 ug/ml
16) T benzo[b]fluoranthene ...	16.210	2189966	19.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.242	2134453	19.252 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.589	2013245	19.221 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.958	2073629	19.087 ug/ml
20) T Dibenz[a,h]anthracene...	17.995	2149722	19.637 ug/ml
21) T Benzo[g,h,i]perylene ...	18.212	2108776	19.296 ug/ml

(f)=RT Delta > 1/2 Window

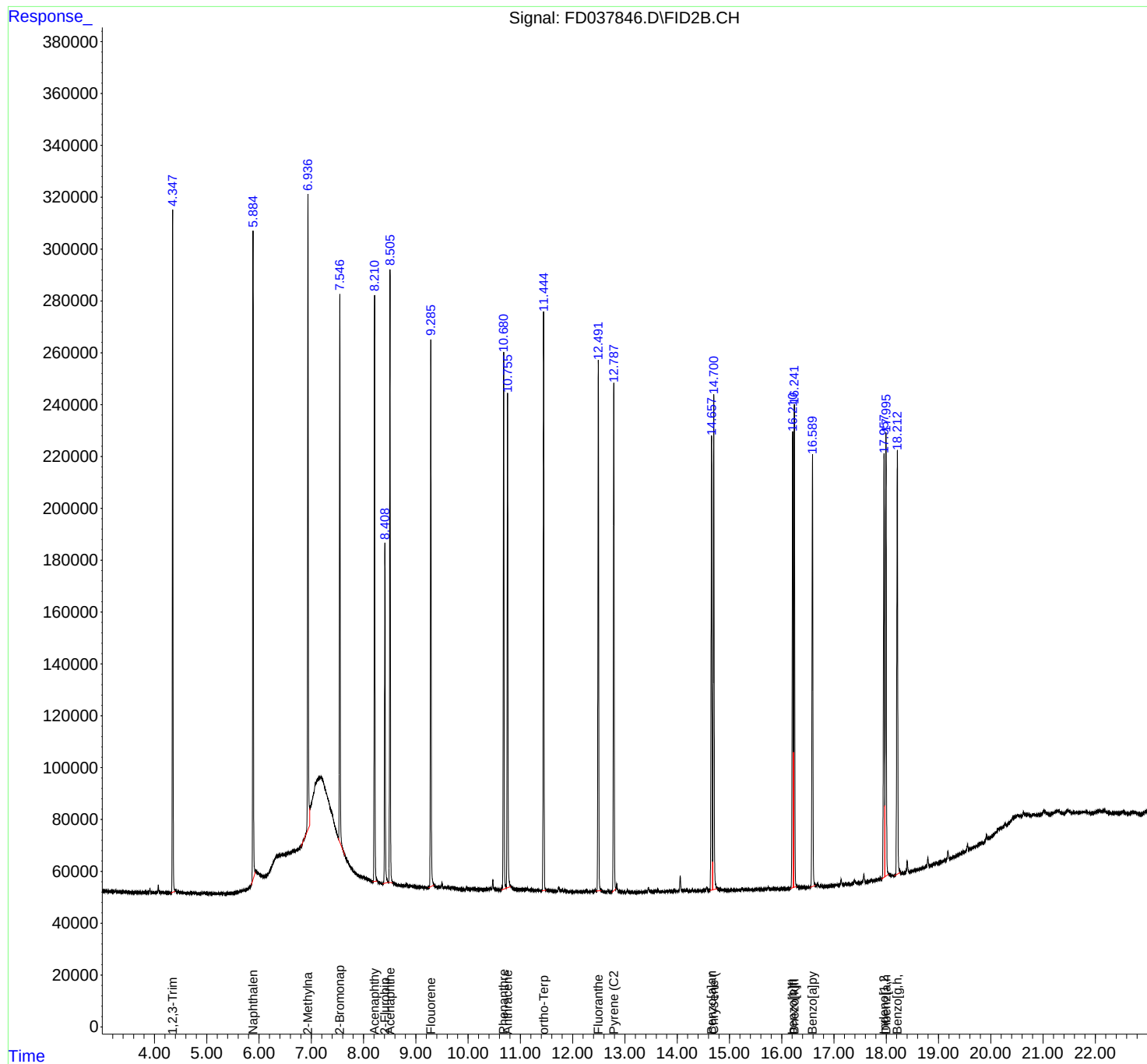
(m)=manual int.

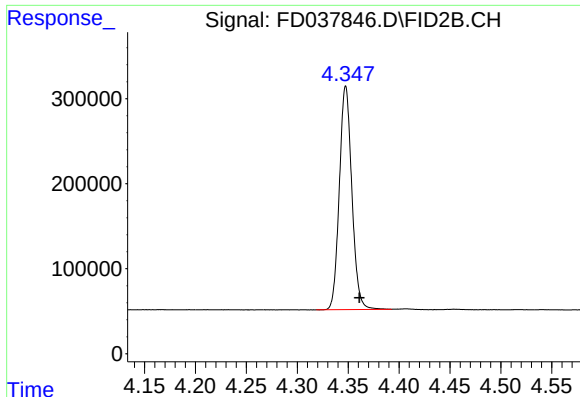
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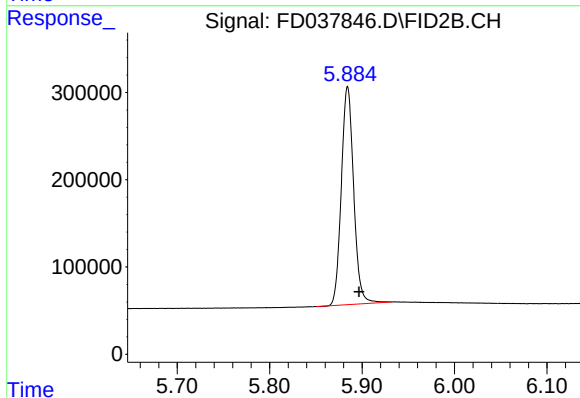




#1 1,2,3-Trimethylbenzene (C10.1)

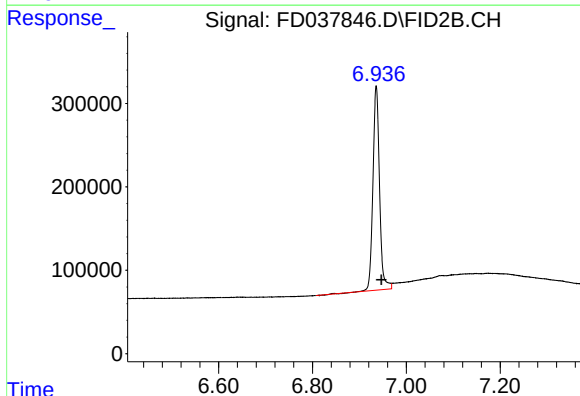
R.T.: 4.348 min
Delta R.T.: -0.013 min
Response: 2248027
Conc: 21.51 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



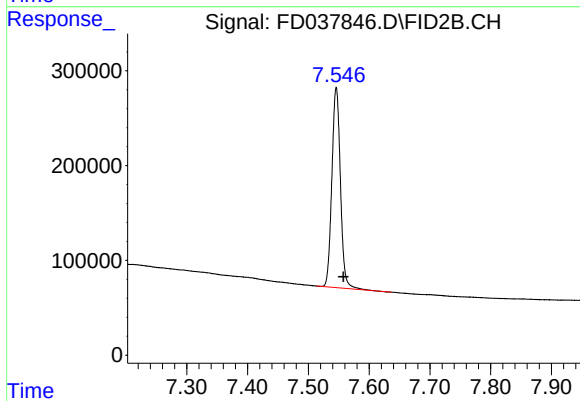
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.012 min
Response: 2314552
Conc: 20.74 ug/ml



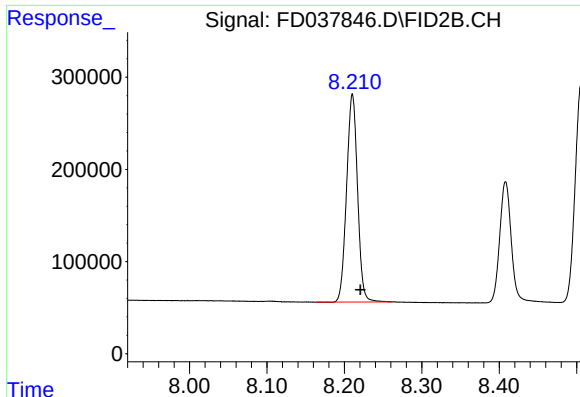
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.011 min
Response: 2390308
Conc: 21.29 ug/ml



#4 2-Bromonaphthalene (SURR)

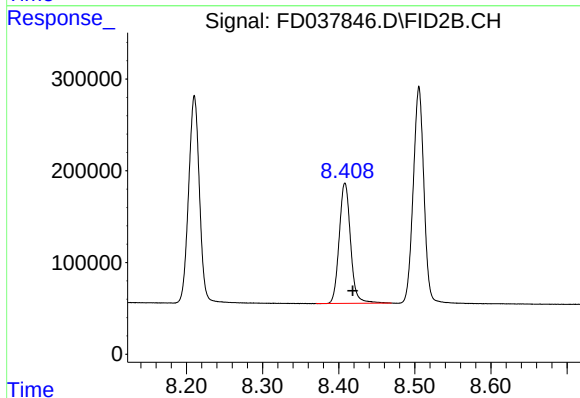
R.T.: 7.546 min
Delta R.T.: -0.012 min
Response: 2069596
Conc: 20.58 ug/ml



#5 Acenaphthylene (C15.06)

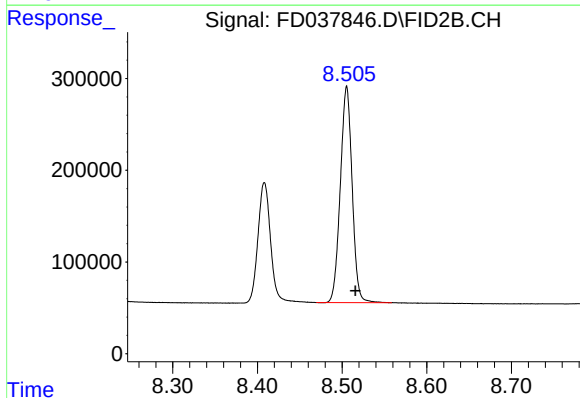
R.T.: 8.210 min
Delta R.T.: -0.010 min
Response: 2215231
Conc: 20.20 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



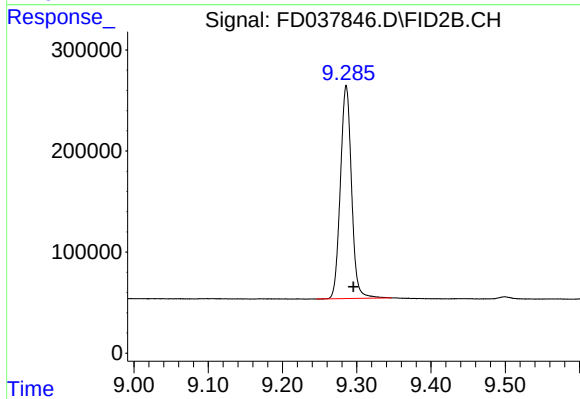
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: -0.010 min
Response: 1360651
Conc: 20.13 ug/ml



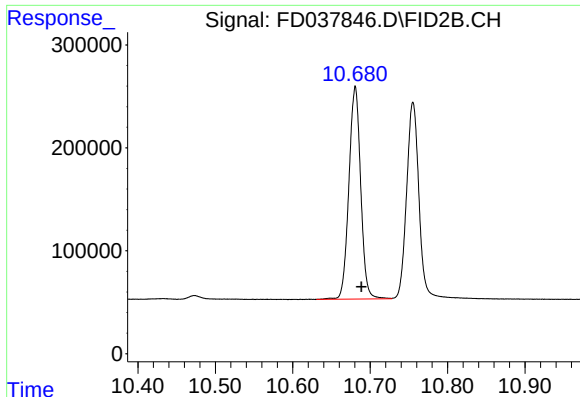
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: -0.010 min
Response: 2286965
Conc: 20.11 ug/ml



#8 Flouorene (C16.55)

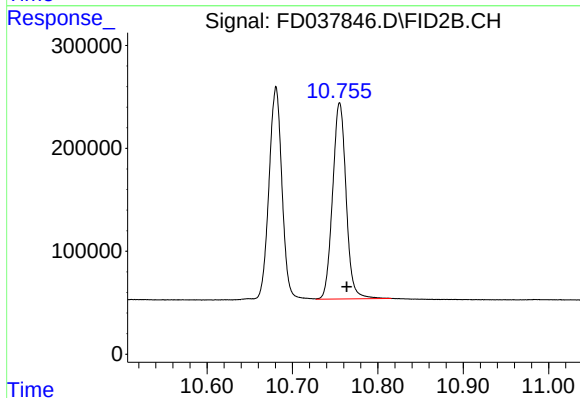
R.T.: 9.286 min
Delta R.T.: -0.010 min
Response: 2195788
Conc: 19.81 ug/ml



#9 Phenanthrene (C19.36)

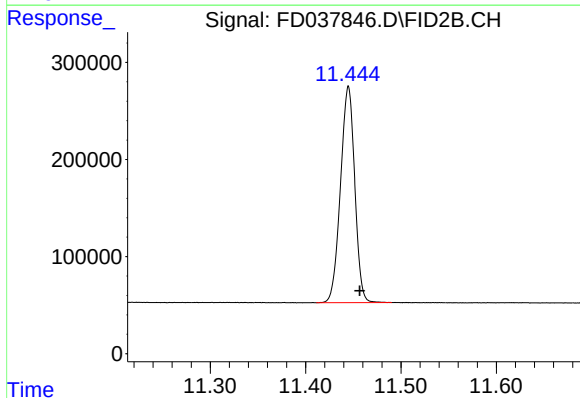
R.T.: 10.681 min
Delta R.T.: -0.008 min
Response: 2185645
Conc: 19.44 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



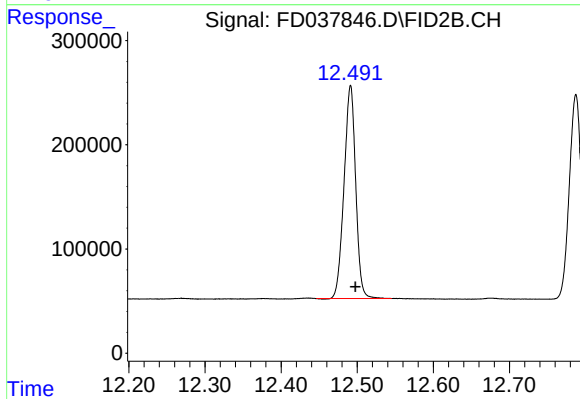
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.008 min
Response: 2092013
Conc: 19.02 ug/ml



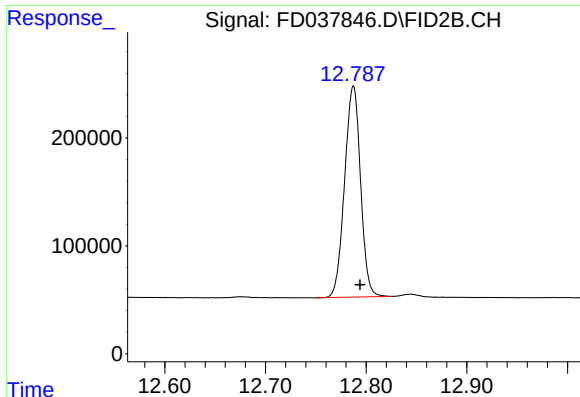
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: -0.012 min
Response: 2310354
Conc: 19.39 ug/ml



#12 Fluoranthene (C21.85)

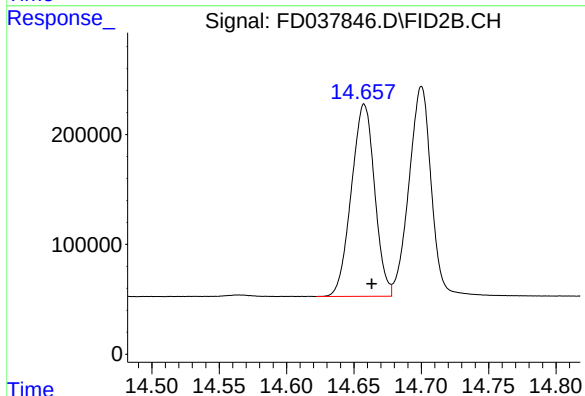
R.T.: 12.491 min
Delta R.T.: -0.006 min
Response: 2175478
Conc: 18.75 ug/ml



#13 Pyrene (C20.8)

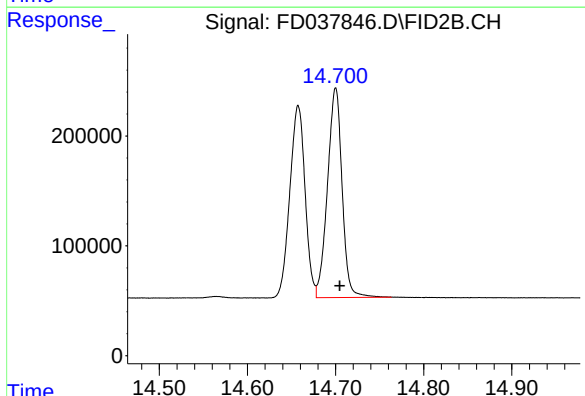
R.T.: 12.787 min
Delta R.T.: -0.006 min
Response: 2157377
Conc: 18.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



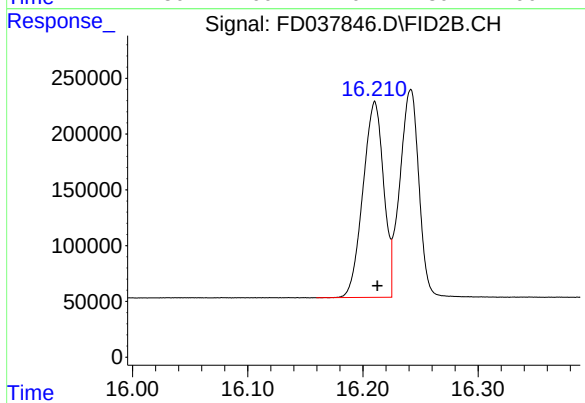
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.658 min
Delta R.T.: -0.006 min
Response: 2103330
Conc: 19.09 ug/ml



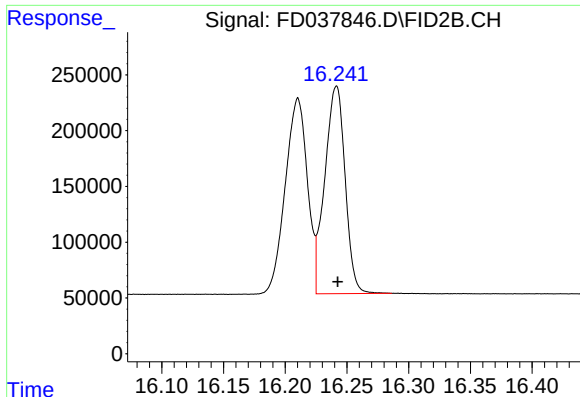
#15 Chrysene (C27.41)

R.T.: 14.700 min
Delta R.T.: -0.005 min
Response: 2195770
Conc: 19.06 ug/ml



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

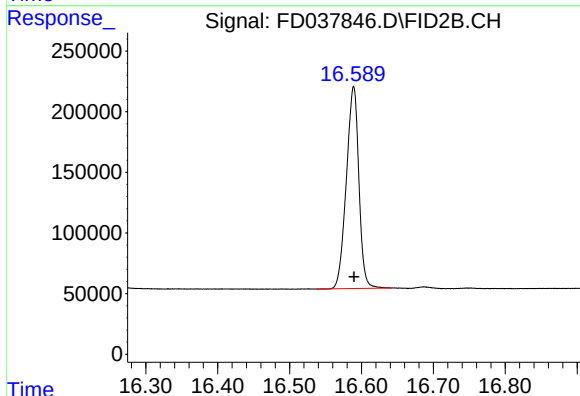
R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 2189966
Conc: 19.36 ug/ml



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

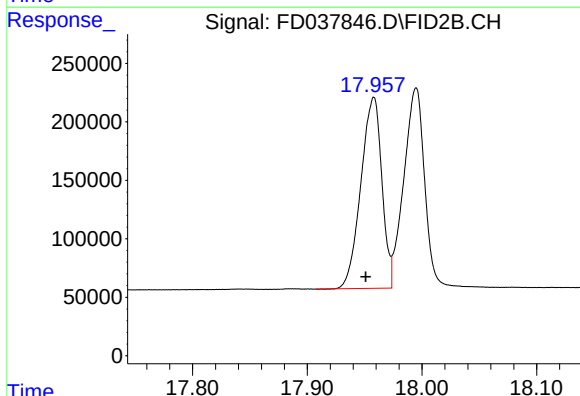
R.T.: 16.242 min
Delta R.T.: -0.001 min
Response: 2134453
Conc: 19.25 ug/ml

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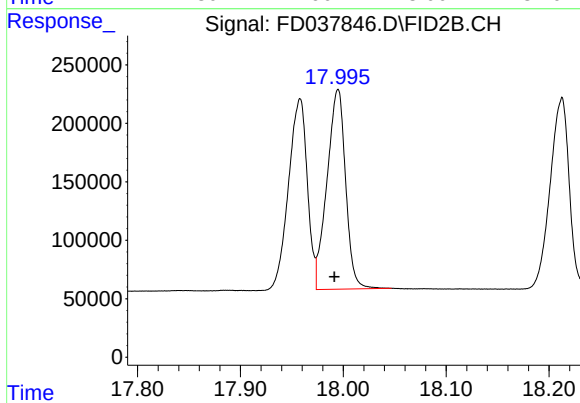
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.589 min
Delta R.T.: 0.000 min
Response: 2013245
Conc: 19.22 ug/ml



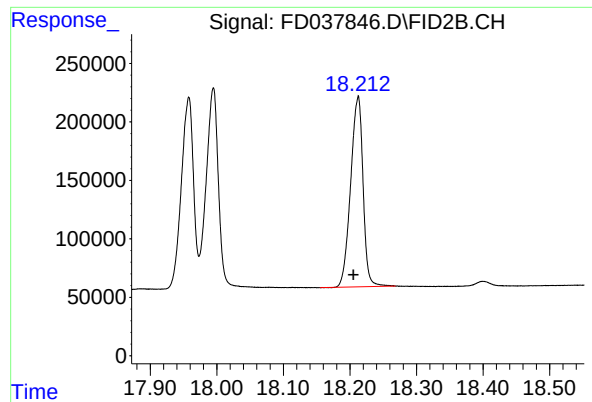
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.958 min
Delta R.T.: 0.007 min
Response: 2073629
Conc: 19.09 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.003 min
Response: 2149722
Conc: 19.64 ug/ml



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

R.T.: 18.212 min
Delta R.T.: 0.007 min
Response: 2108776
Conc: 19.30 ug/ml

Instrument :
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