

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052020AR\
 Data File : FD033558.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 14:21
 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: May 21 05:58:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.579	2111317	20.304 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
6) S 2-Fluorobiphenyl (SURR)	8.441	1455027	21.051 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.10%
11) S ortho-Terphenyl (SURR)	11.470	2513504	19.170 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2400794	21.059 ug/ml
2) T Naphthalene (C11.7)	5.922	2413790	20.936 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	2450327	20.633 ug/ml
5) T Acenaphthylene (C15.06)	8.242	2432553	19.855 ug/ml
7) T Acenaphthene (C15.5)	8.536	2522432	19.530 ug/ml
8) T Fluorene (C16.55)	9.316	2389488	20.117 ug/ml
9) T Phenanthrene (C19.36)	10.709	2416396	19.699 ug/ml
10) T Anthracene (C19.43)	10.785	2379536	19.548 ug/ml
12) T Fluoranthene (C21.85)	12.518	2433144	19.300 ug/ml
13) T Pyrene (C20.8)	12.814	2369163	19.438 ug/ml
14) T Benzo[a]anthracene (C...	14.685	2268436	20.136 ug/ml
15) T Chrysene (C27.41)	14.726	2381855	18.323 ug/ml
16) T benzo[b]fluoranthene ...	16.236	2239896	19.617 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	2294983	18.440 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	2237254	19.081 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	2114451	20.713 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2288332	18.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.239	2213339	19.865 ug/ml

(f)=RT Delta > 1/2 Window

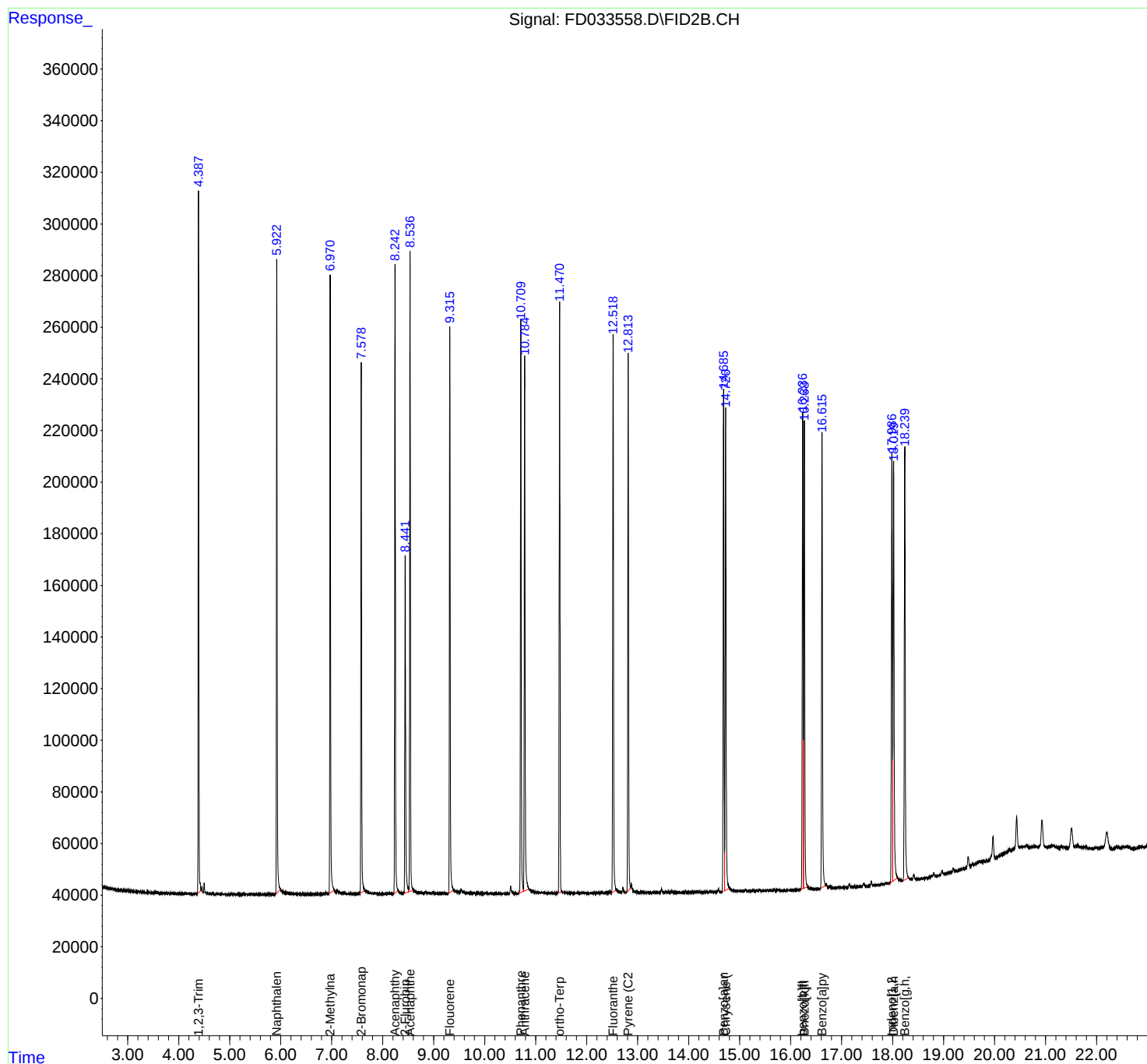
(m)=manual int.

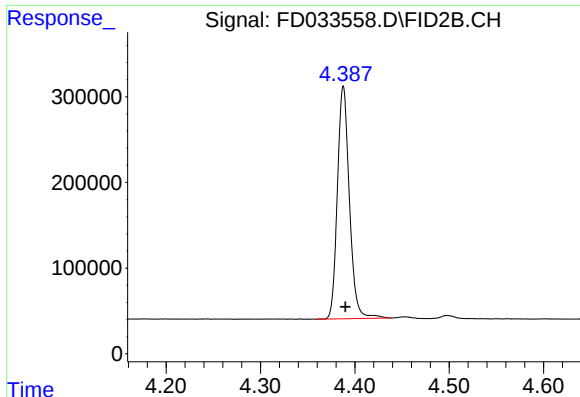
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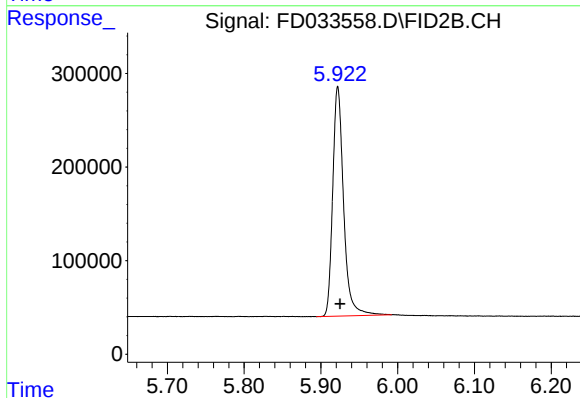




#1 1,2,3-Trimethylbenzene (C10.1)

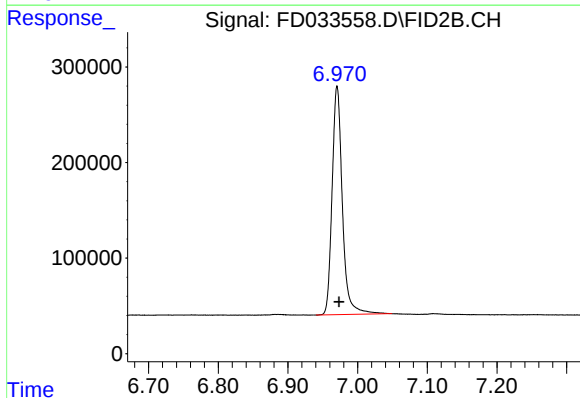
R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 2400794
Conc: 21.06 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



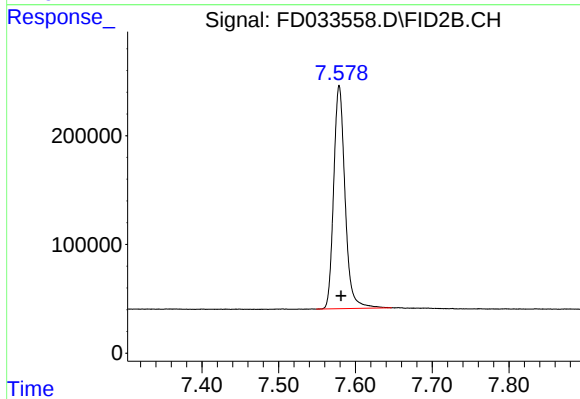
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 2413790
Conc: 20.94 ug/ml



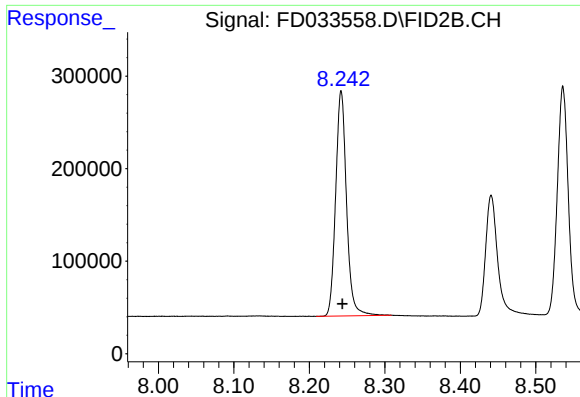
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 2450327
Conc: 20.63 ug/ml



#4 2-Bromonaphthalene (SURR)

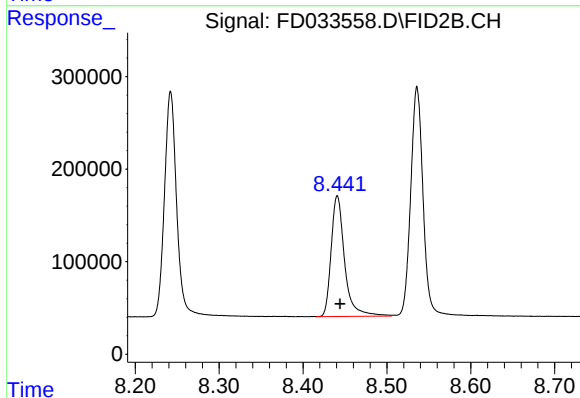
R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 2111317
Conc: 20.30 ug/ml



#5 Acenaphthylene (C15.06)

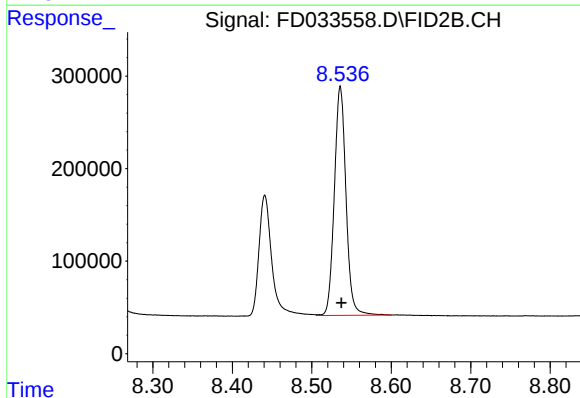
R.T.: 8.242 min
Delta R.T.: -0.002 min
Response: 2432553
Conc: 19.86 ug/ml

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20 PPM AROMATIC HC STD



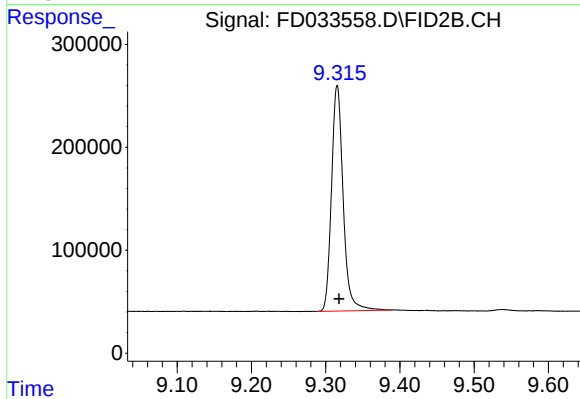
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 1455027
Conc: 21.05 ug/ml



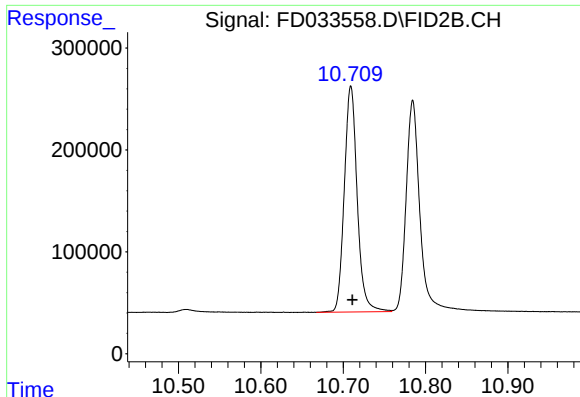
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 2522432
Conc: 19.53 ug/ml



#8 Fluorene (C16.55)

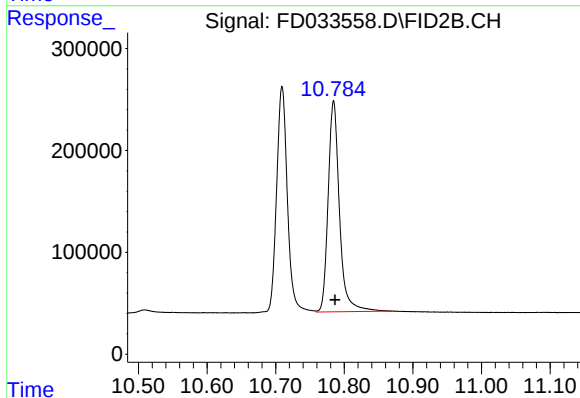
R.T.: 9.316 min
Delta R.T.: -0.002 min
Response: 2389488
Conc: 20.12 ug/ml



#9 Phenanthrene (C19.36)

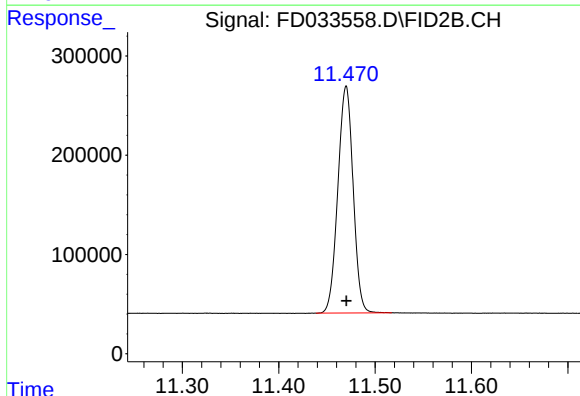
R.T.: 10.709 min
Delta R.T.: -0.002 min
Response: 2416396
Conc: 19.70 ug/ml

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20 PPM AROMATIC HC STD



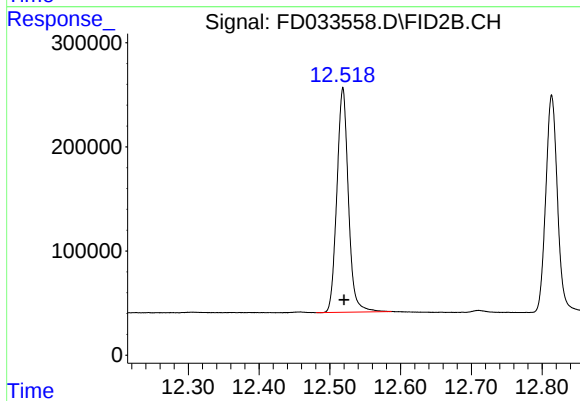
#10 Anthracene (C19.43)

R.T.: 10.785 min
Delta R.T.: -0.002 min
Response: 2379536
Conc: 19.55 ug/ml



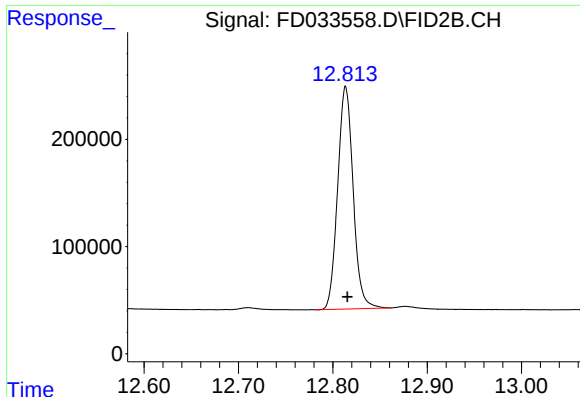
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 2513504
Conc: 19.17 ug/ml



#12 Fluoranthene (C21.85)

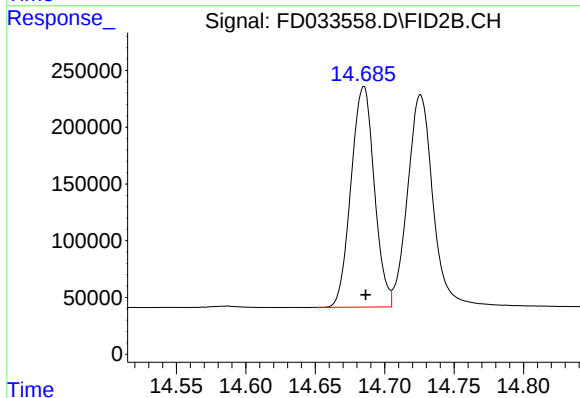
R.T.: 12.518 min
Delta R.T.: -0.002 min
Response: 2433144
Conc: 19.30 ug/ml



#13 Pyrene (C20.8)

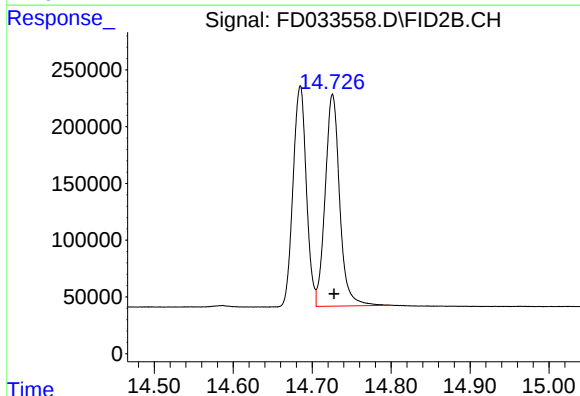
R.T.: 12.814 min
Delta R.T.: -0.002 min
Response: 2369163
Conc: 19.44 ug/ml

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20 PPM AROMATIC HC STD



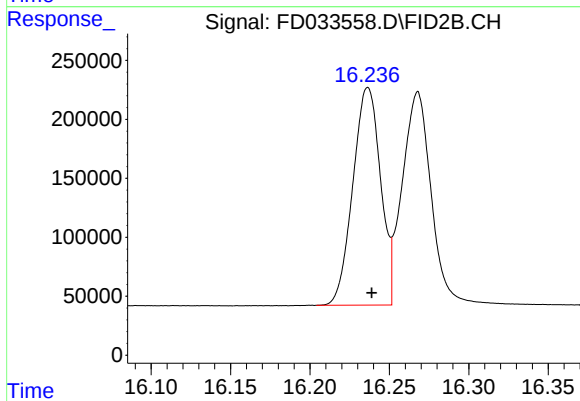
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.685 min
Delta R.T.: -0.002 min
Response: 2268436
Conc: 20.14 ug/ml



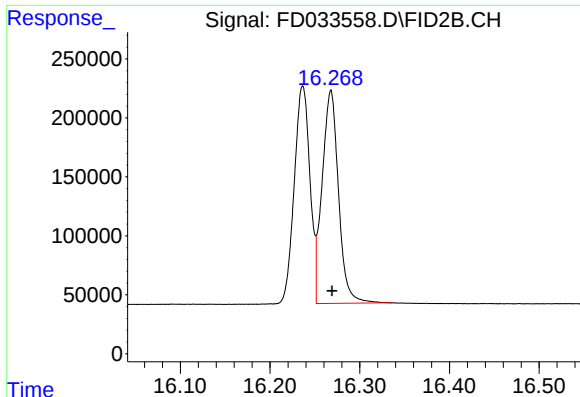
#15 Chrysene (C27.41)

R.T.: 14.726 min
Delta R.T.: -0.002 min
Response: 2381855
Conc: 18.32 ug/ml



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

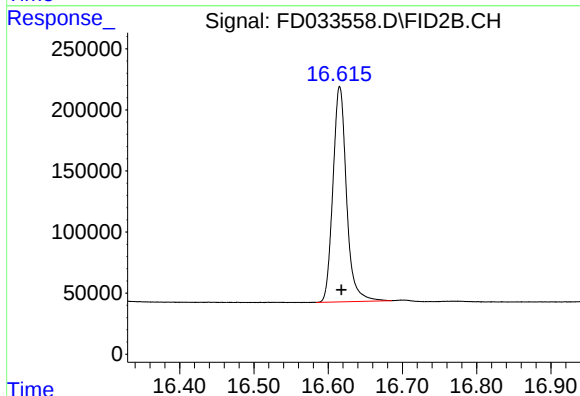
R.T.: 16.236 min
Delta R.T.: -0.002 min
Response: 2239896
Conc: 19.62 ug/ml



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

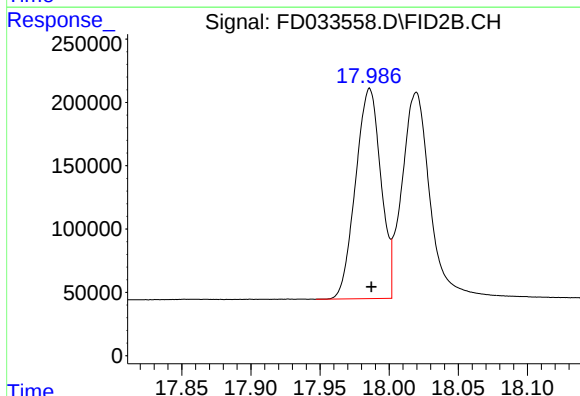
R.T.: 16.268 min
Delta R.T.: -0.001 min
Response: 2294983
Conc: 18.44 ug/ml

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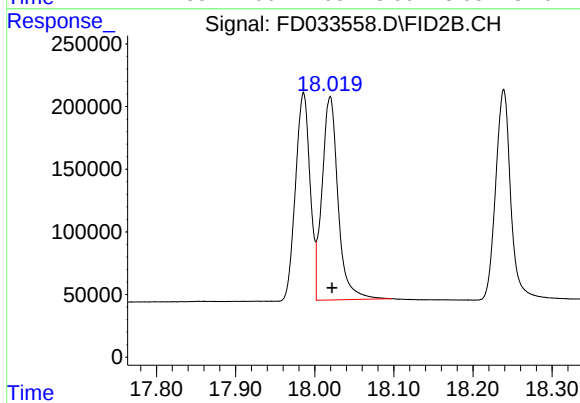
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.616 min
Delta R.T.: -0.002 min
Response: 2237254
Conc: 19.08 ug/ml



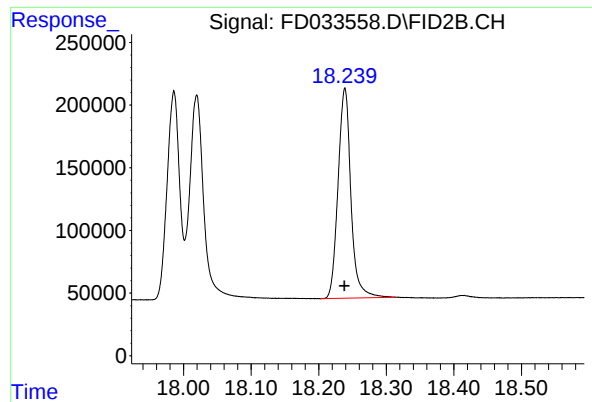
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: -0.001 min
Response: 2114451
Conc: 20.71 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2288332
Conc: 18.96 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.001 min
Response: 2213339
Conc: 19.87 ug/ml

Instrument :
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ClientSampleId :
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