

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
 Data File : FD038333.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2021 23:56
 Operator : AJ\MA
 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: Jul 23 01:44:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.511	2682132	20.580 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
6) S 2-Fluorobiphenyl (SURR)	8.373	1737217	19.631 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.26%
11) S ortho-Terphenyl (SURR)	11.407	2872294	18.953 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	3051159	21.541 ug/ml
2) T Naphthalene (C11.7)	5.851	3136515	21.215 ug/ml
3) T 2-Methylnaphthalene (...)	6.902	3048031	20.768 ug/ml
5) T Acenaphthylene (C15.06)	8.175	2934079	19.669 ug/ml
7) T Acenaphthene (C15.5)	8.470	3048665	19.690 ug/ml
8) T Fluorene (C16.55)	9.250	2803893	19.127 ug/ml
9) T Phenanthrene (C19.36)	10.645	2627681	18.178 ug/ml
10) T Anthracene (C19.43)	10.720	2543338	17.978 ug/ml
12) T Fluoranthene (C21.85)	12.456	2551807	17.614 ug/ml
13) T Pyrene (C20.8)	12.752	2551625	17.907 ug/ml
14) T Benzo[a]anthracene (C...	14.625	2415186	18.916 ug/ml
15) T Chrysene (C27.41)	14.667	2626112	18.549 ug/ml
16) T benzo[b]fluoranthene ...	16.179	2546469	20.421 ug/ml
17) T Bnezo[k]fluoranthene ...	16.210	2596864	19.796 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	2401318	20.471 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	2425068	23.430 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	2646561	22.453 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	2518441	23.073 ug/ml

(f)=RT Delta > 1/2 Window

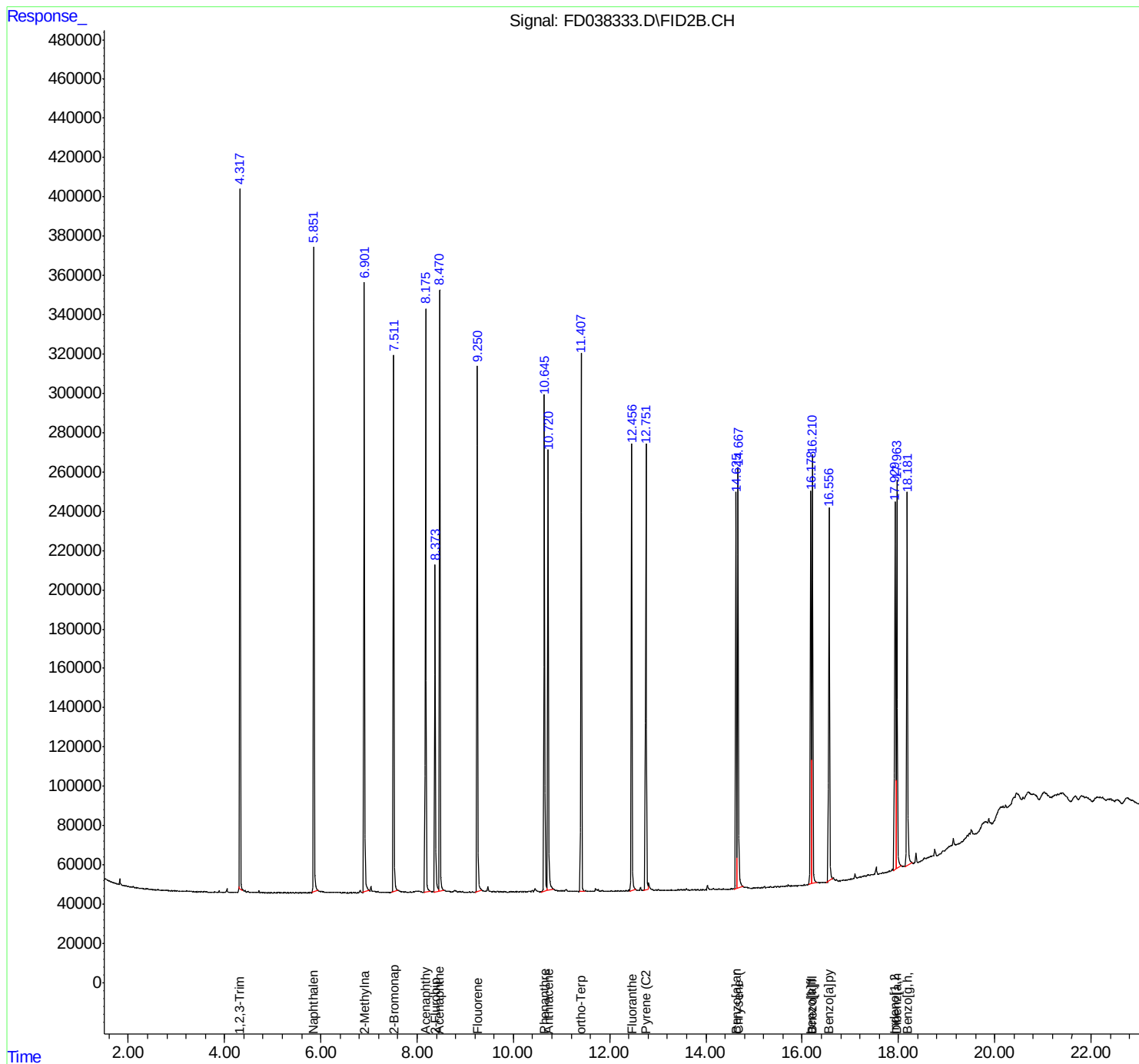
(m)=manual int.

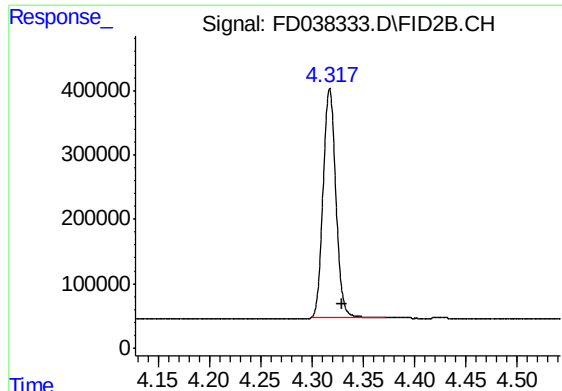
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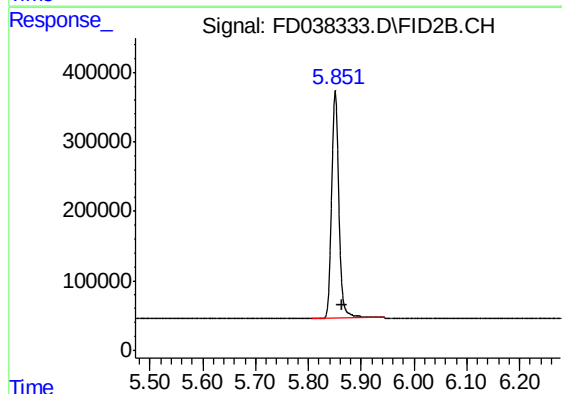




#1 1,2,3-Trimethylbenzene (C10.1)

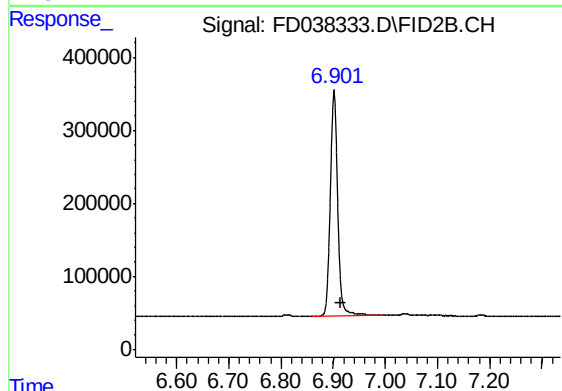
R.T.: 4.317 min
Delta R.T.: -0.012 min
Response: 3051159
Conc: 21.54 ug/ml

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20 PPM AROMATIC HC STD



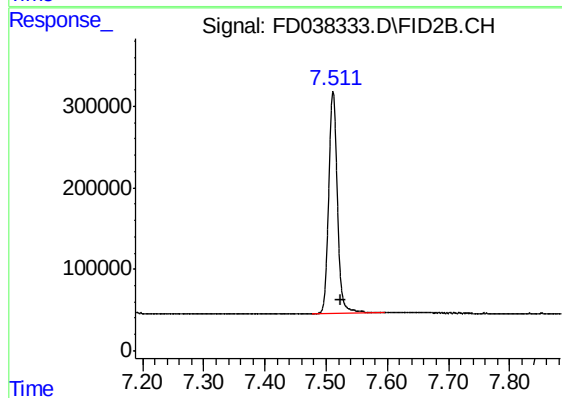
#2 Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.013 min
Response: 3136515
Conc: 21.21 ug/ml



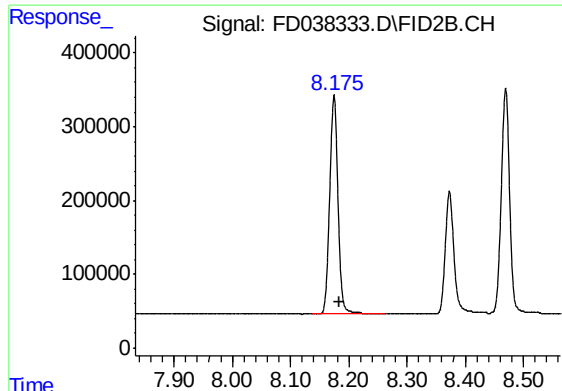
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.902 min
Delta R.T.: -0.012 min
Response: 3048031
Conc: 20.77 ug/ml



#4 2-Bromonaphthalene (SURR)

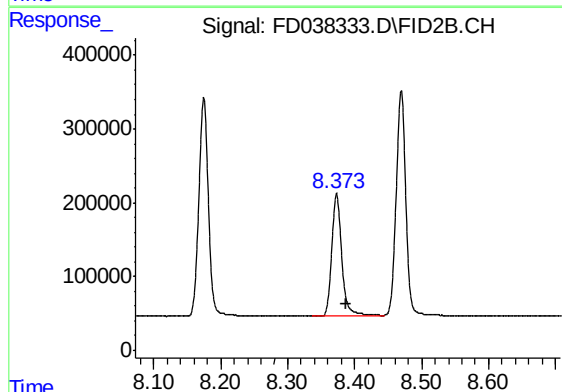
R.T.: 7.511 min
Delta R.T.: -0.013 min
Response: 2682132
Conc: 20.58 ug/ml



#5 Acenaphthylene (C15.06)

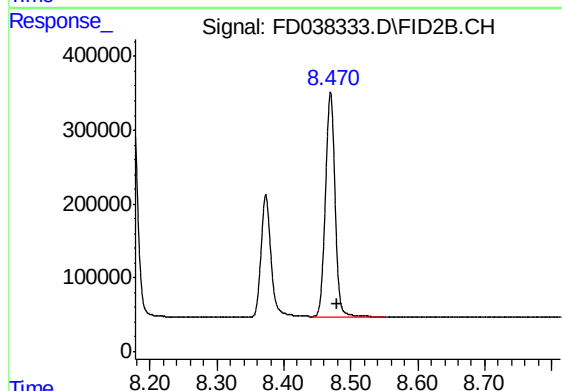
R.T.: 8.175 min
Delta R.T.: -0.010 min
Response: 2934079
Conc: 19.67 ug/ml

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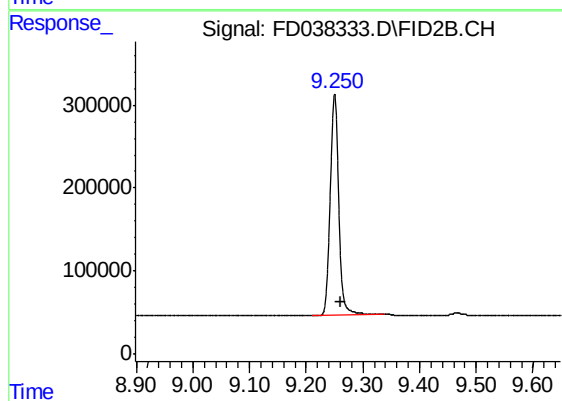
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min
Delta R.T.: -0.013 min
Response: 1737217
Conc: 19.63 ug/ml



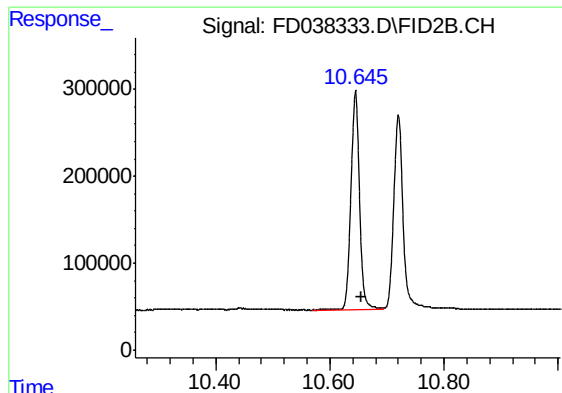
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.010 min
Response: 3048665
Conc: 19.69 ug/ml



#8 Flouorene (C16.55)

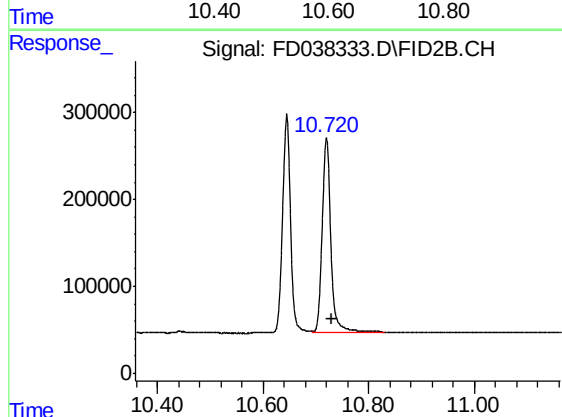
R.T.: 9.250 min
Delta R.T.: -0.011 min
Response: 2803893
Conc: 19.13 ug/ml



#9 Phenanthrene (C19.36)

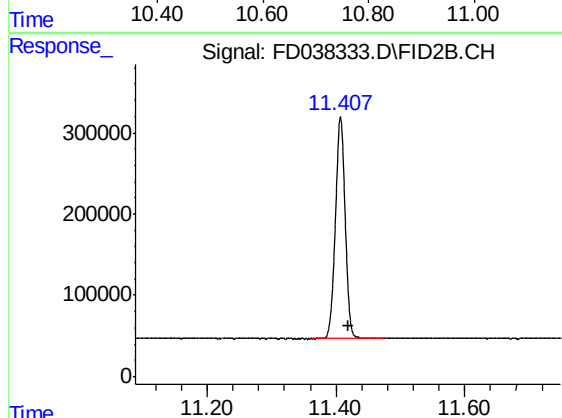
R.T.: 10.645 min
Delta R.T.: -0.009 min
Response: 2627681
Conc: 18.18 ug/ml

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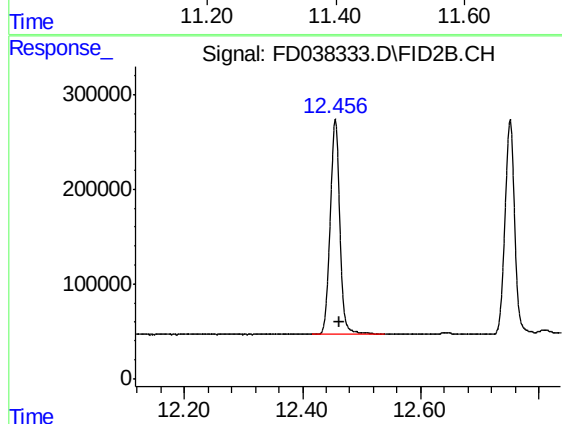
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.010 min
Response: 2543338
Conc: 17.98 ug/ml



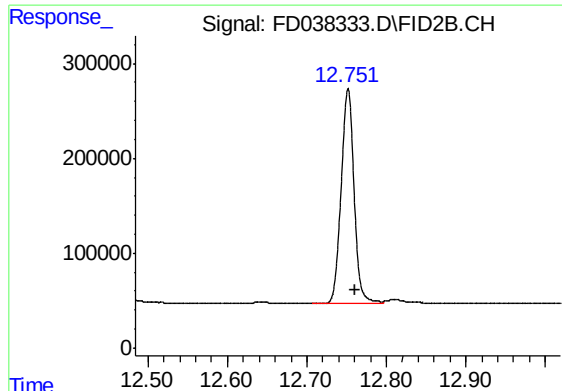
#11 ortho-Terphenyl (SURRE)

R.T.: 11.407 min
Delta R.T.: -0.011 min
Response: 2872294
Conc: 18.95 ug/ml



#12 Fluoranthene (C21.85)

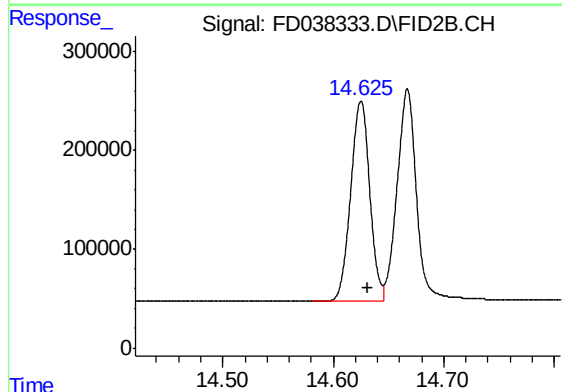
R.T.: 12.456 min
Delta R.T.: -0.008 min
Response: 2551807
Conc: 17.61 ug/ml



#13 Pyrene (C20.8)

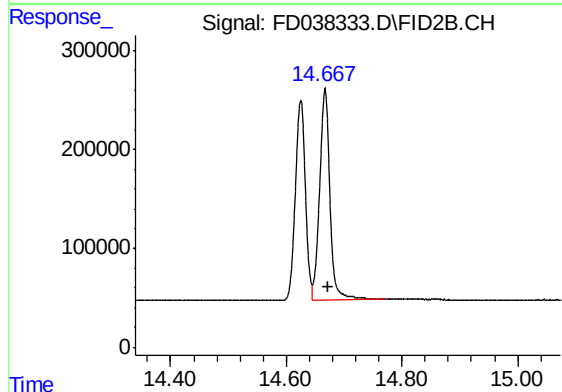
R.T.: 12.752 min
Delta R.T.: -0.008 min
Response: 2551625
Conc: 17.91 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



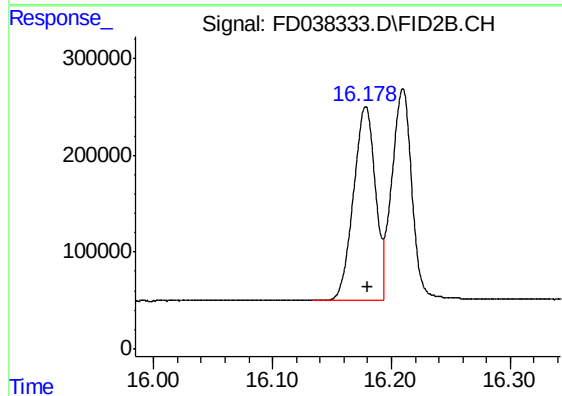
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: -0.006 min
Response: 2415186
Conc: 18.92 ug/ml



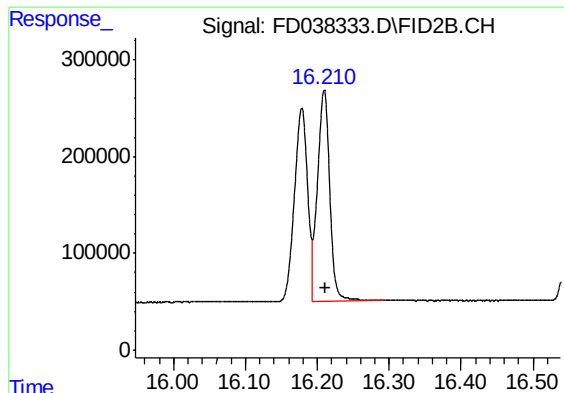
#15 Chrysene (C27.41)

R.T.: 14.667 min
Delta R.T.: -0.005 min
Response: 2626112
Conc: 18.55 ug/ml



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

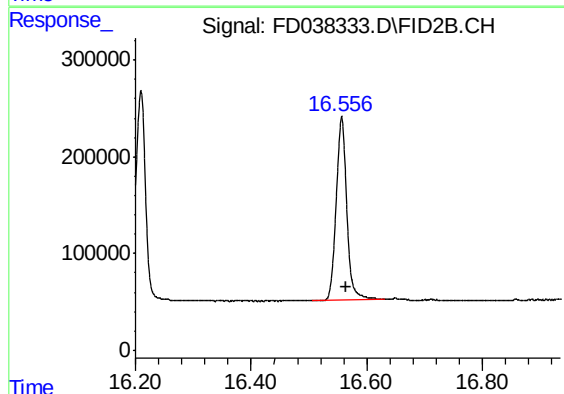
R.T.: 16.179 min
Delta R.T.: -0.001 min
Response: 2546469
Conc: 20.42 ug/ml



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

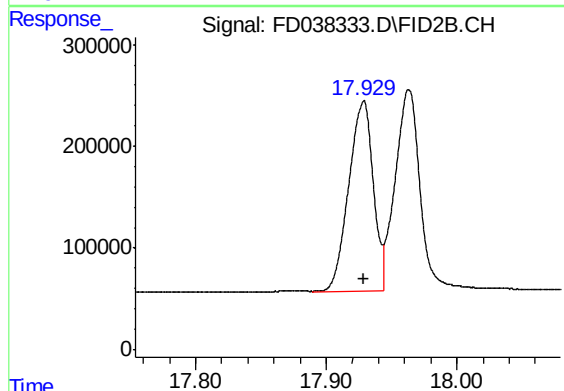
R.T.: 16.210 min
Delta R.T.: -0.001 min
Response: 2596864
Conc: 19.80 ug/ml

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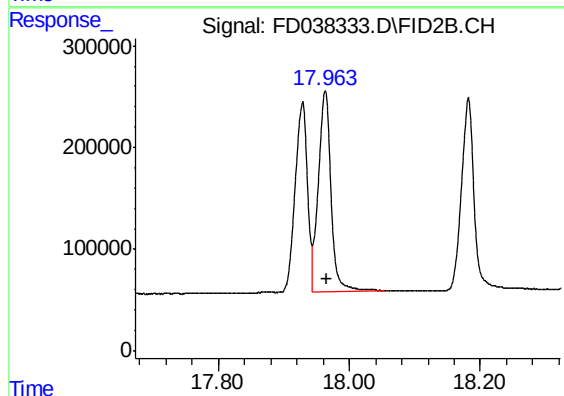
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: -0.007 min
Response: 2401318
Conc: 20.47 ug/ml



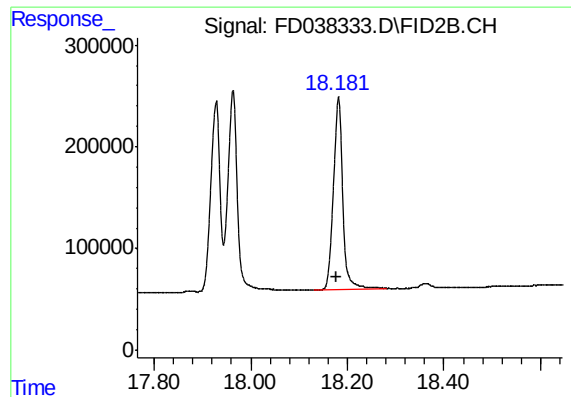
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: 0.000 min
Response: 2425068
Conc: 23.43 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.002 min
Response: 2646561
Conc: 22.45 ug/ml



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

R.T.: 18.182 min
Delta R.T.: 0.004 min
Response: 2518441
Conc: 23.07 ug/ml

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