

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052020AR\
 Data File : FD033561.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 16:54
 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 05:59:12 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...	7.577	2143129	20.610 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
6) S 2-Fluorobiphenyl (SURR)	8.438	1477853	21.382 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.76%
11) S ortho-Terphenyl (SURR)	11.468	2564932	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	2417393	21.204 ug/ml
2) T Naphthalene (C11.7)	5.920	2445540	21.211 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	2485421	20.929 ug/ml
5) T Acenaphthylene (C15.06)	8.240	2476769	20.216 ug/ml
7) T Acenaphthene (C15.5)	8.534	2553306	19.769 ug/ml
8) T Flouorene (C16.55)	9.314	2430753	20.465 ug/ml
9) T Phenanthrene (C19.36)	10.707	2464924	20.095 ug/ml
10) T Anthracene (C19.43)	10.783	2414225	19.833 ug/ml
12) T Fluoranthene (C21.85)	12.517	2472674	19.614 ug/ml
13) T Pyrene (C20.8)	12.813	2407009	19.748 ug/ml
14) T Benzo[a]anthracene (C...	14.685	2298966	20.407 ug/ml
15) T Chrysene (C27.41)	14.727	2419603	18.614 ug/ml
16) T benzo[b]fluoranthene ...	16.237	2272278	19.901 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	2317218	18.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	2256778	19.247 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.987	2140021	20.963 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	2317478	19.202 ug/ml
21) T Benzo[g,h,i]perylene ...	18.239	2230671	20.021 ug/ml

(f)=RT Delta > 1/2 Window

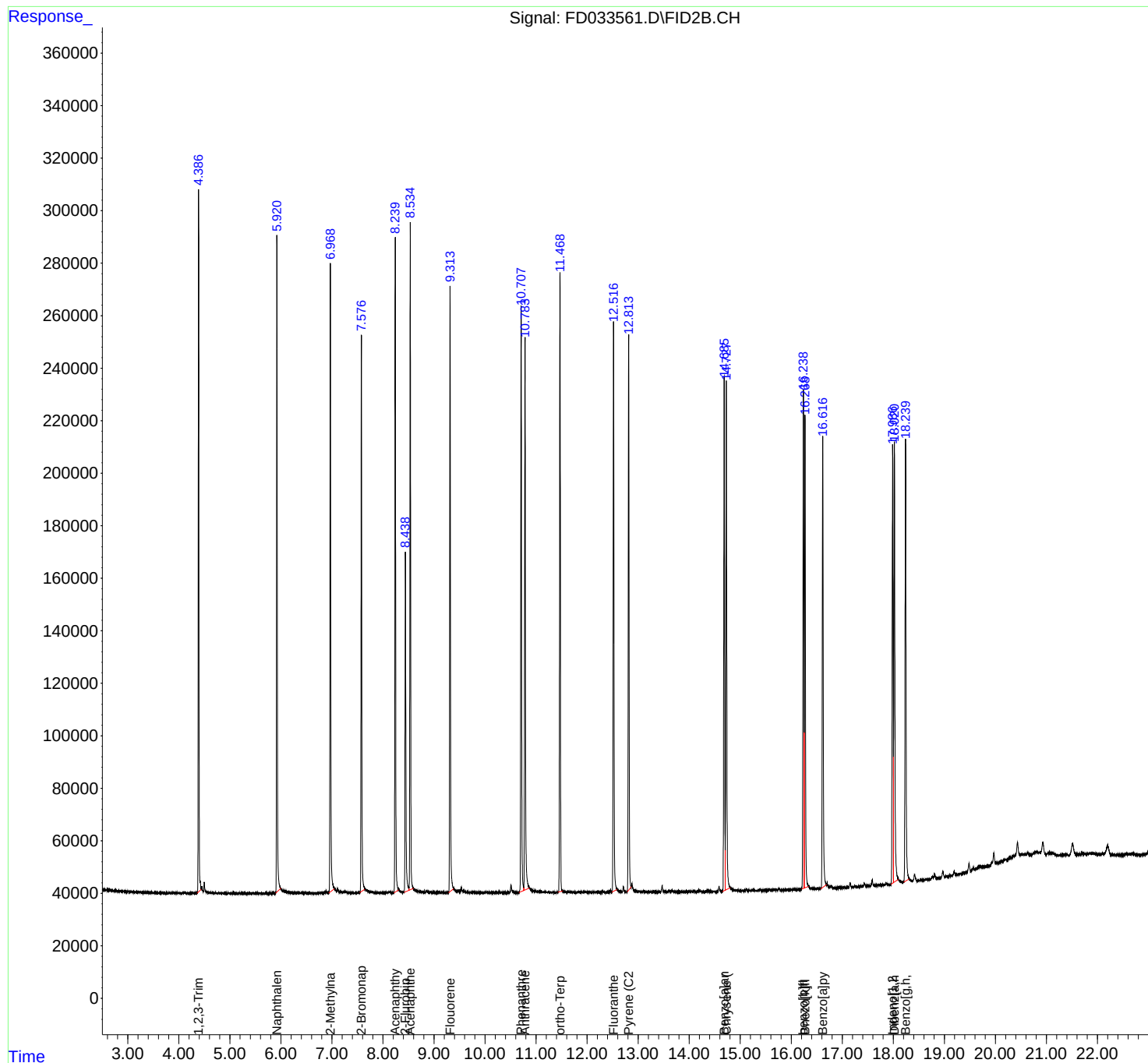
(m)=manual int.

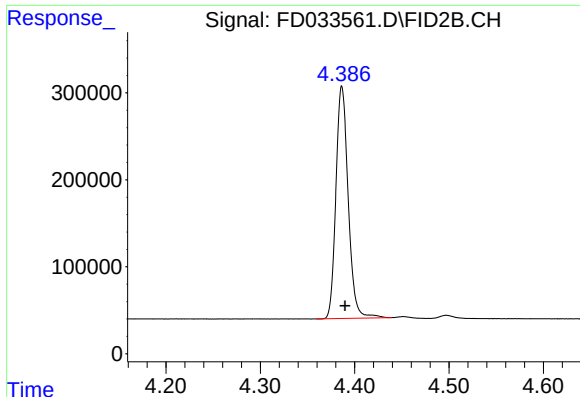
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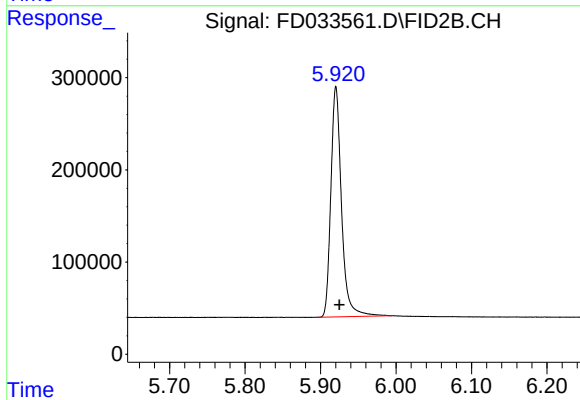




#1 1,2,3-Trimethylbenzene (C10.1)

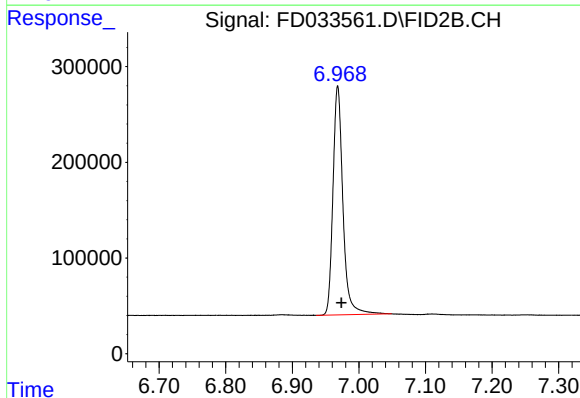
R.T.: 4.386 min
Delta R.T.: -0.003 min
Response: 2417393
Conc: 21.20 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



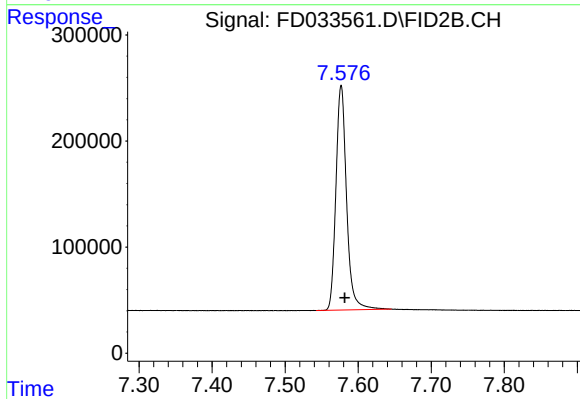
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 2445540
Conc: 21.21 ug/ml



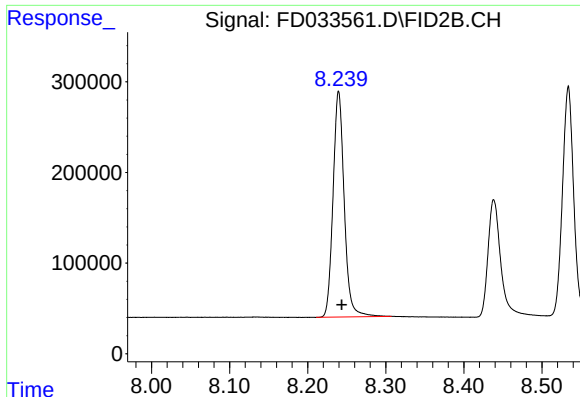
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.005 min
Response: 2485421
Conc: 20.93 ug/ml



#4 2-Bromonaphthalene (SURR)

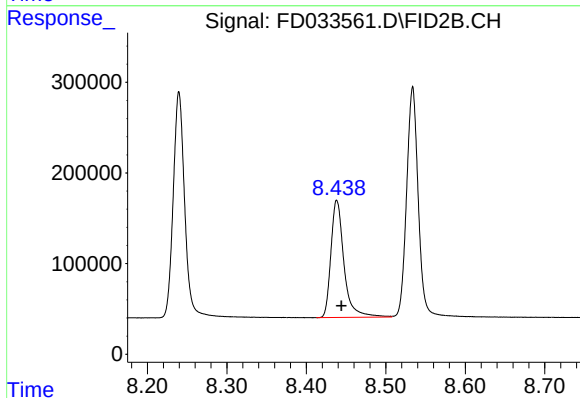
R.T.: 7.577 min
Delta R.T.: -0.005 min
Response: 2143129
Conc: 20.61 ug/ml



#5 Acenaphthylene (C15.06)

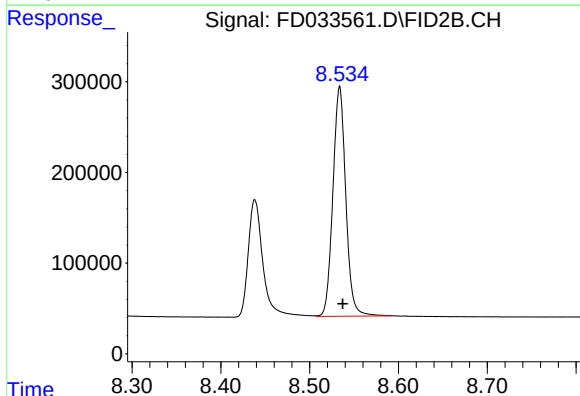
R.T.: 8.240 min
Delta R.T.: -0.004 min
Response: 2476769
Conc: 20.22 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



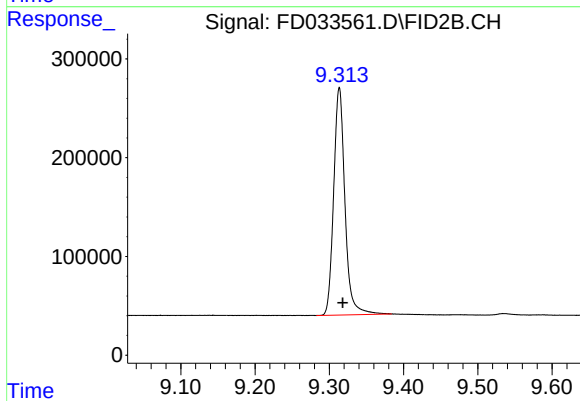
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.438 min
Delta R.T.: -0.006 min
Response: 1477853
Conc: 21.38 ug/ml



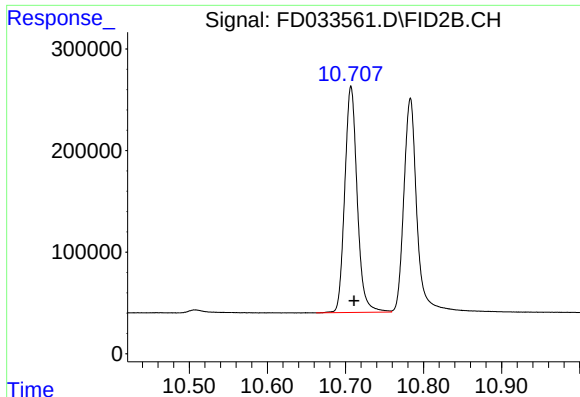
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 2553306
Conc: 19.77 ug/ml



#8 Flouorene (C16.55)

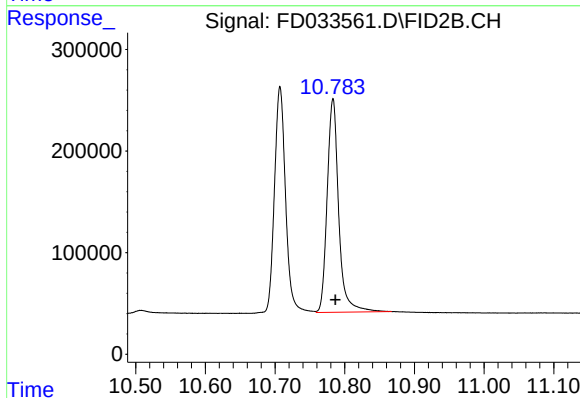
R.T.: 9.314 min
Delta R.T.: -0.004 min
Response: 2430753
Conc: 20.46 ug/ml



#9 Phenanthrene (C19.36)

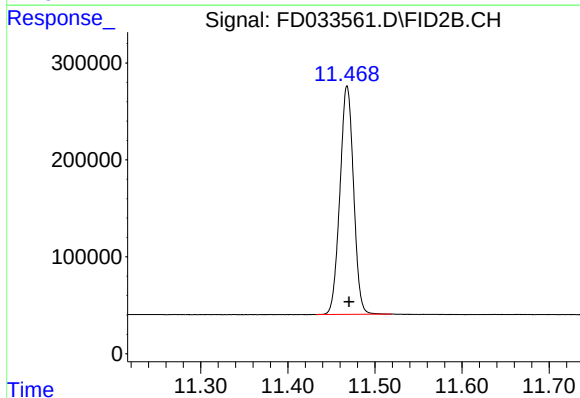
R.T.: 10.707 min
Delta R.T.: -0.004 min
Response: 2464924
Conc: 20.10 ug/ml

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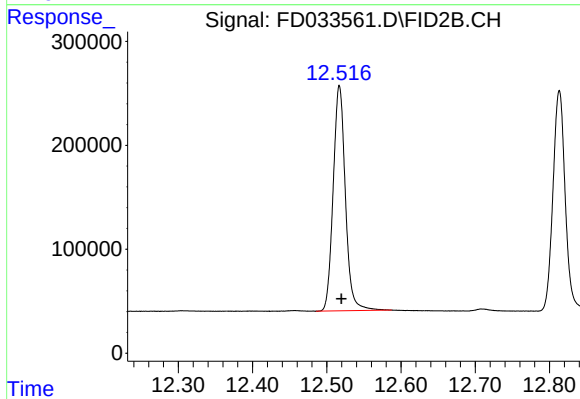
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: -0.004 min
Response: 2414225
Conc: 19.83 ug/ml



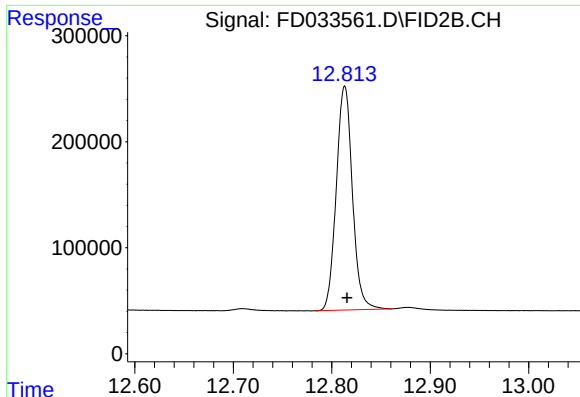
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.002 min
Response: 2564932
Conc: 19.56 ug/ml



#12 Fluoranthene (C21.85)

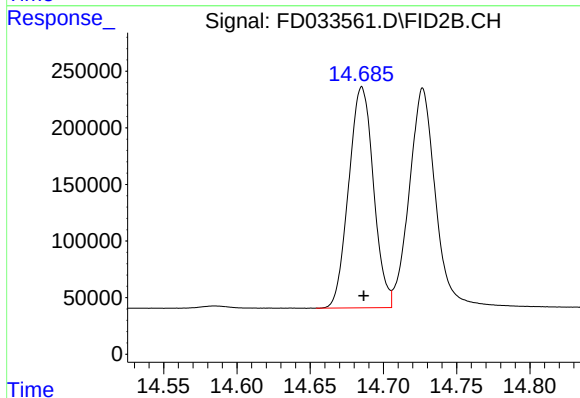
R.T.: 12.517 min
Delta R.T.: -0.003 min
Response: 2472674
Conc: 19.61 ug/ml



#13 Pyrene (C20.8)

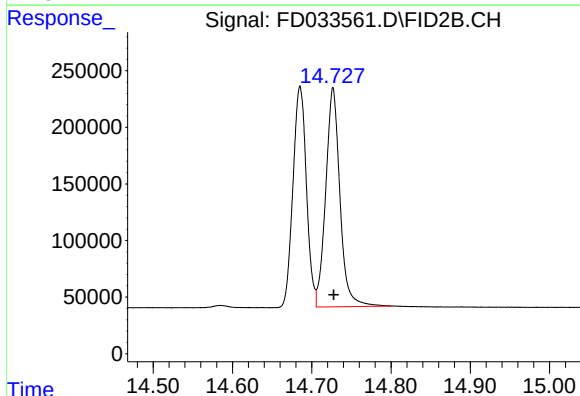
R.T.: 12.813 min
Delta R.T.: -0.002 min
Response: 2407009
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



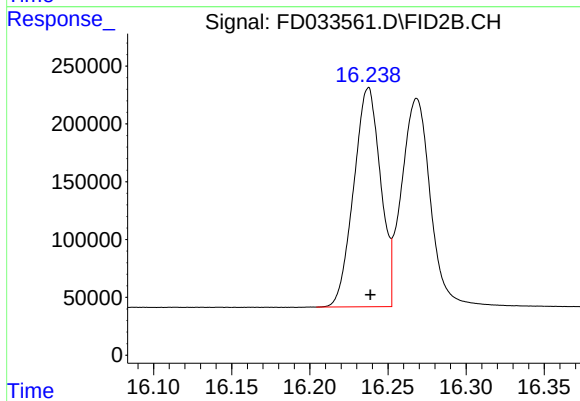
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.685 min
Delta R.T.: -0.001 min
Response: 2298966
Conc: 20.41 ug/ml



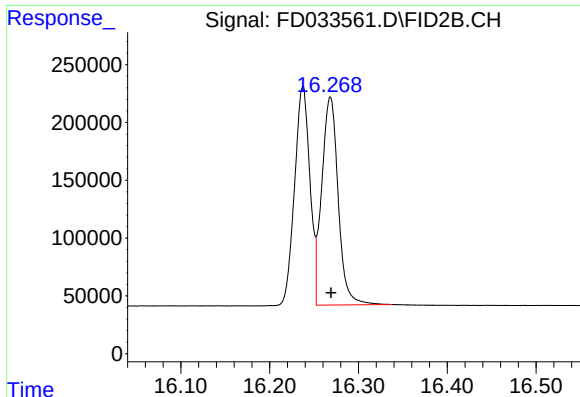
#15 Chrysene (C27.41)

R.T.: 14.727 min
Delta R.T.: 0.000 min
Response: 2419603
Conc: 18.61 ug/ml



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

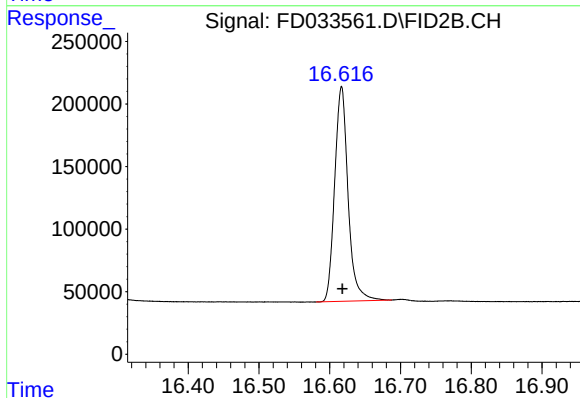
R.T.: 16.237 min
Delta R.T.: -0.001 min
Response: 2272278
Conc: 19.90 ug/ml



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

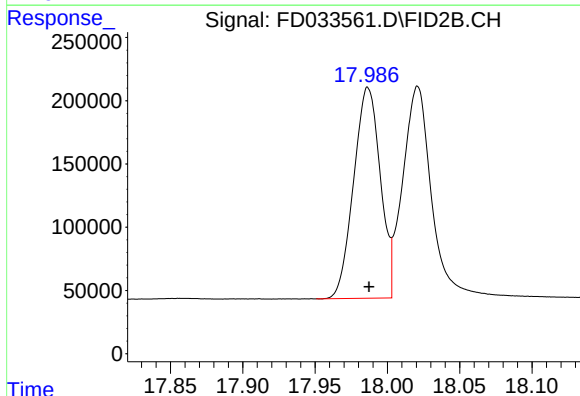
R.T.: 16.268 min
Delta R.T.: 0.000 min
Response: 2317218
Conc: 18.62 ug/ml

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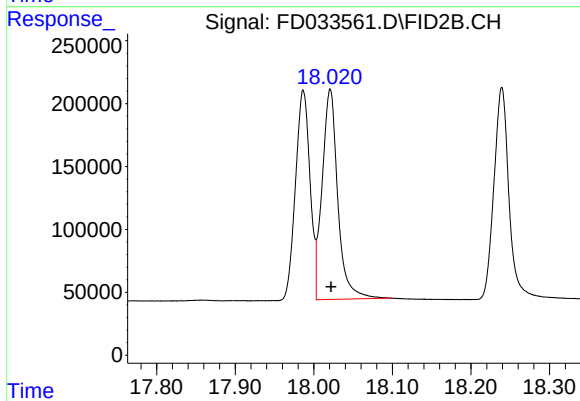
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.001 min
Response: 2256778
Conc: 19.25 ug/ml



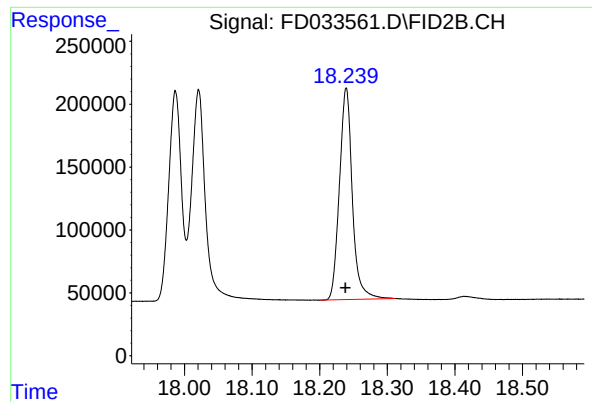
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.987 min
Delta R.T.: 0.000 min
Response: 2140021
Conc: 20.96 ug/ml



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

R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 2317478
Conc: 19.20 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.002 min
Response: 2230671
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :
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