

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033468.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 13:54
 Operator : DD\AJ
 Sample : L2182-07
 Misc : LOD-WATER-2.5 PPM
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Integration File: autoint1.e
 Quant Time: May 13 04:09:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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...	7.585	5951563	54.118 ug/ml
Spiked Amount 50.000		Recovery =	108.24%
6) S 2-Fluorobiphenyl (SURR)	8.447	4146202	55.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.68%
11) S ortho-Terphenyl (SURR)	11.480	6556691	50.810 ug/ml
Spiked Amount 50.000		Recovery =	101.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	233093	2.048 ug/ml
2) T Naphthalene (C11.7)	5.932	227293	1.928 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	232538	1.953 ug/ml
5) T Acenaphthylene (C15.06)	8.250	280737	2.326 ug/ml
7) T Acenaphthene (C15.5)	8.542	313394	2.483 ug/ml
8) T Flouorene (C16.55)	9.326	255960	2.090 ug/ml
9) T Phenanthrene (C19.36)	10.720	265412	2.100 ug/ml
10) T Anthracene (C19.43)	10.797	239930	1.972 ug/ml
12) T Fluoranthene (C21.85)	12.529	286371	2.210 ug/ml
13) T Pyrene (C20.8)	12.824	282138	2.184 ug/ml
14) T Benzo[a]anthracene (C...	14.699	241229	1.975 ug/ml
15) T Chrysene (C27.41)	14.741	373835	2.903 ug/ml
16) T benzo[b]fluoranthene ...	16.280	301497	2.423 ug/ml
17) T Bnezo[k]fluoranthene ...	16.280	301497	2.342 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.635	234117	1.895 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	288670	2.433 ug/ml
20) T Dibenz[a,h]anthracene...	18.040	288670	2.335 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	258628	2.143 ug/ml

(f)=RT Delta > 1/2 Window

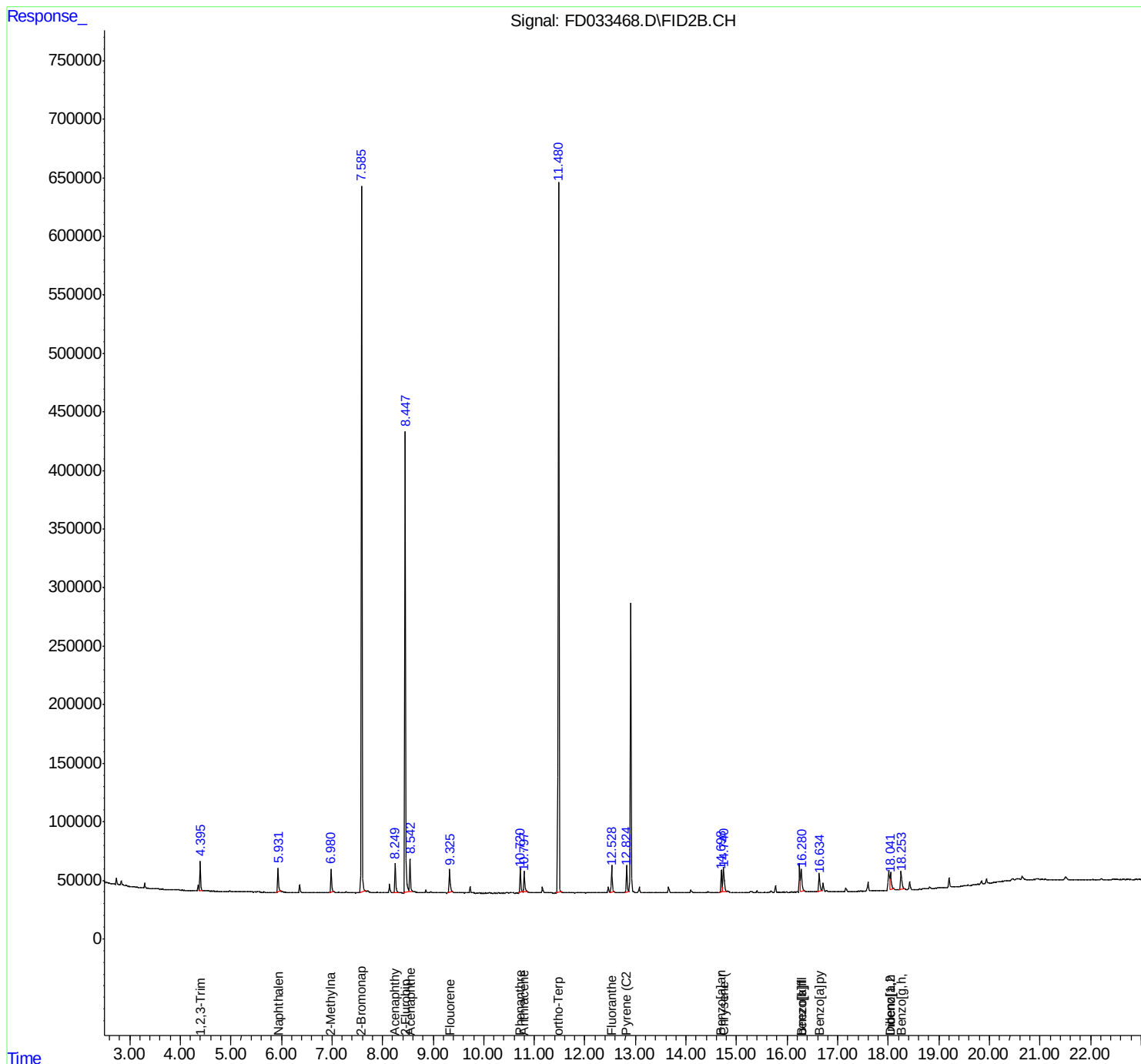
(m)=manual int.

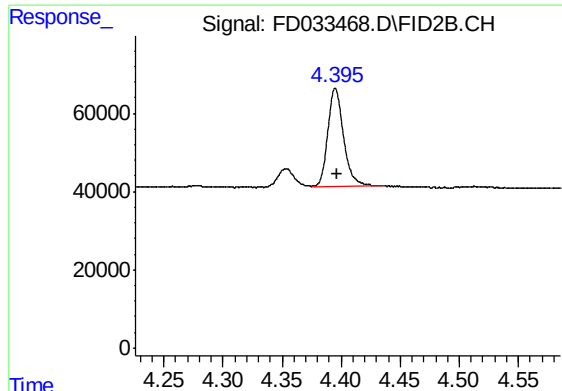
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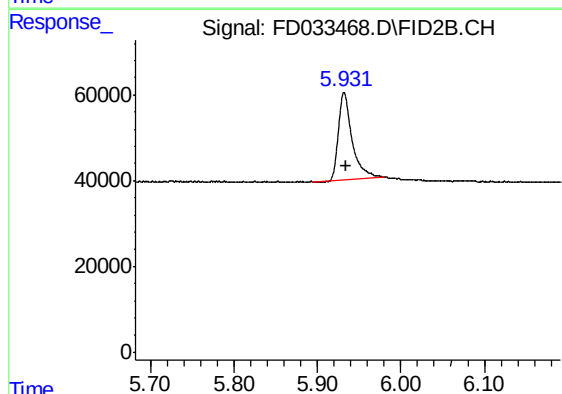




#1 1,2,3-Trimethylbenzene (C10.1)

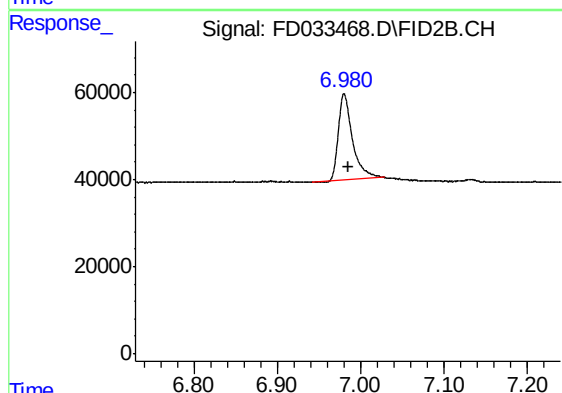
R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 233093
Conc: 2.05 ug/ml

Instrument :
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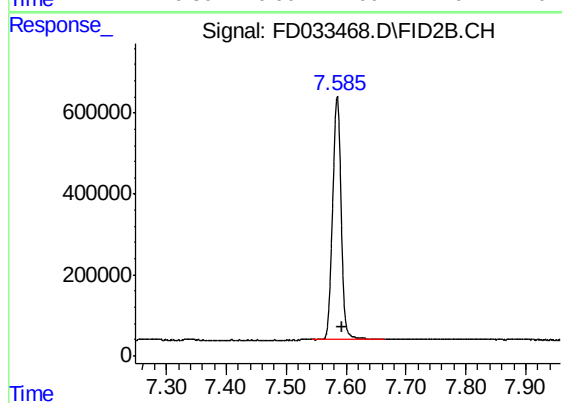
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 227293
Conc: 1.93 ug/ml



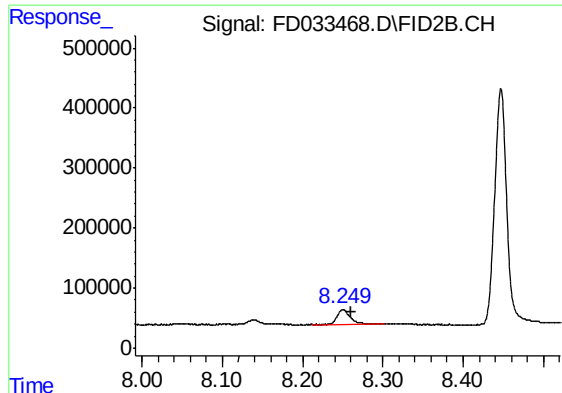
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.006 min
Response: 232538
Conc: 1.95 ug/ml



#4 2-Bromonaphthalene (SURR)

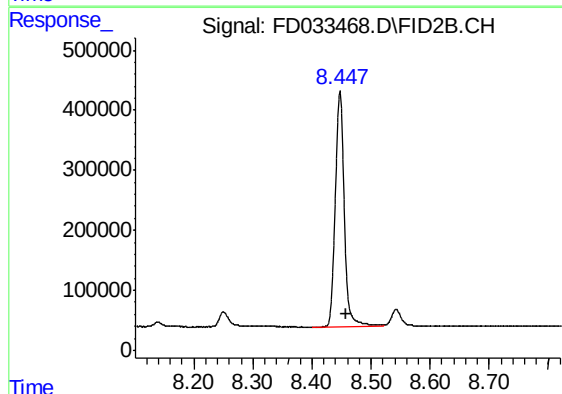
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 5951563
Conc: 54.12 ug/ml



#5 Acenaphthylene (C15.06)

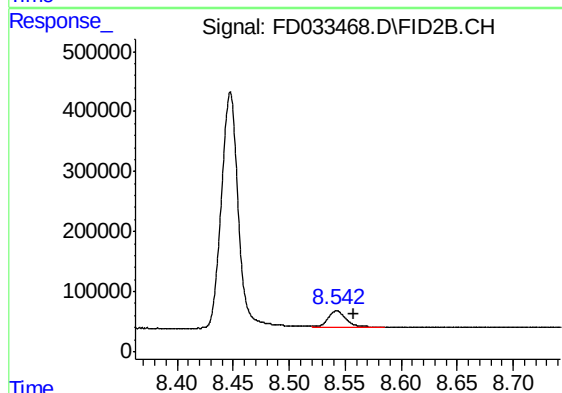
R.T.: 8.250 min
Delta R.T.: -0.010 min
Response: 280737
Conc: 2.33 ug/ml

Instrument :
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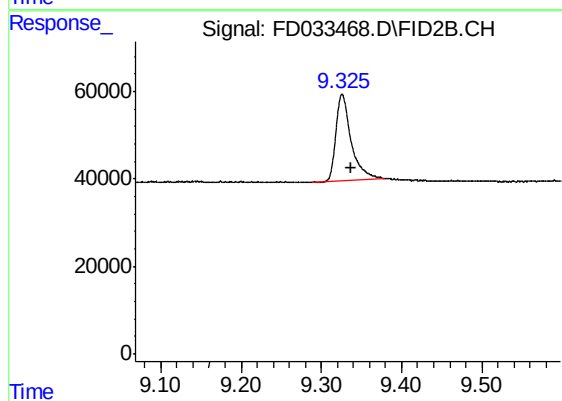
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 4146202
Conc: 55.84 ug/ml



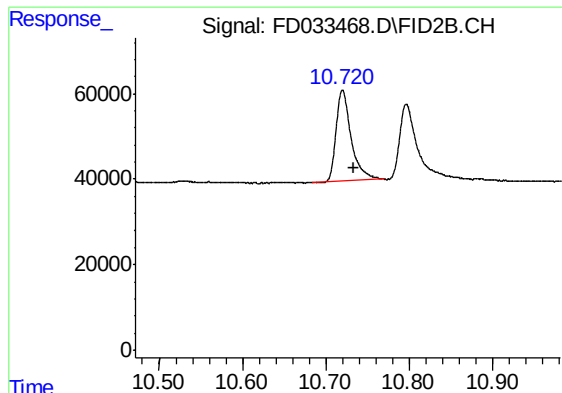
#7 Acenaphthene (C15.5)

R.T.: 8.542 min
Delta R.T.: -0.015 min
Response: 313394
Conc: 2.48 ug/ml



#8 Flouorene (C16.55)

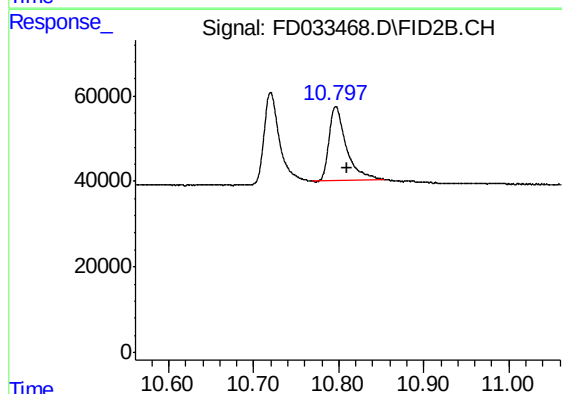
R.T.: 9.326 min
Delta R.T.: -0.011 min
Response: 255960
Conc: 2.09 ug/ml



#9 Phenanthrene (C19.36)

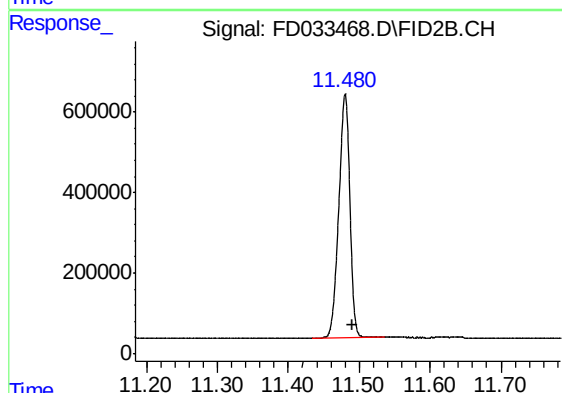
R.T.: 10.720 min
Delta R.T.: -0.013 min
Response: 265412
Conc: 2.10 ug/ml

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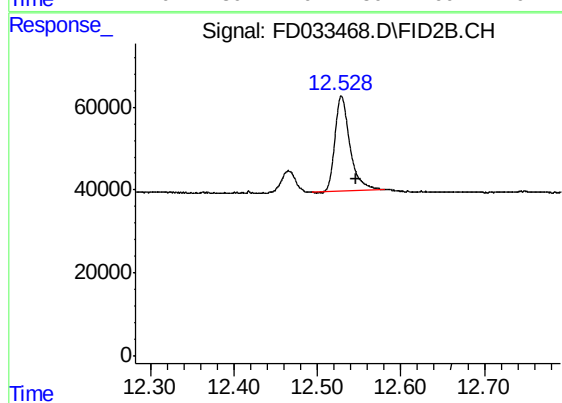
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.014 min
Response: 239930
Conc: 1.97 ug/ml



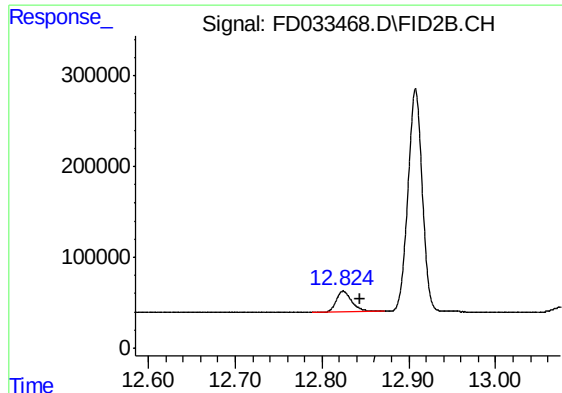
#11 ortho-Terphenyl (SURRE)

R.T.: 11.480 min
Delta R.T.: -0.011 min
Response: 6556691
Conc: 50.81 ug/ml



#12 Fluoranthene (C21.85)

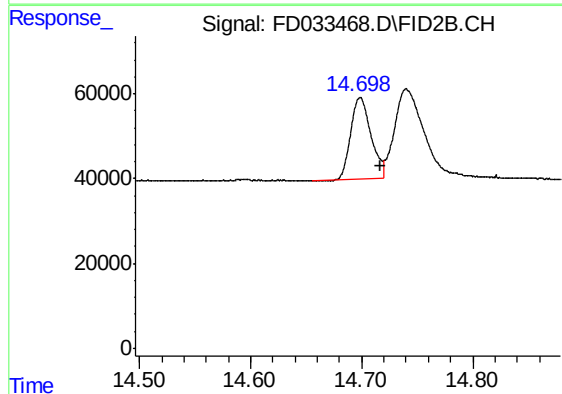
R.T.: 12.529 min
Delta R.T.: -0.018 min
Response: 286371
Conc: 2.21 ug/ml



#13 Pyrene (C20.8)

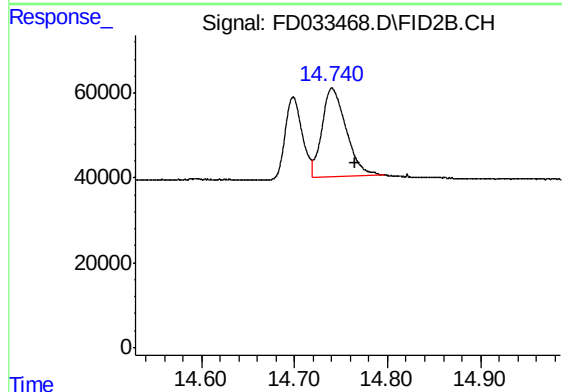
R.T.: 12.824 min
Delta R.T.: -0.020 min
Response: 282138
Conc: 2.18 ug/ml

Instrument :
FID_D
ClientSampleId :
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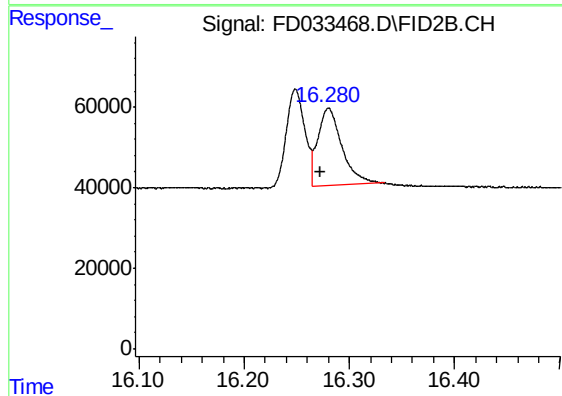
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.018 min
Response: 241229
Conc: 1.97 ug/ml



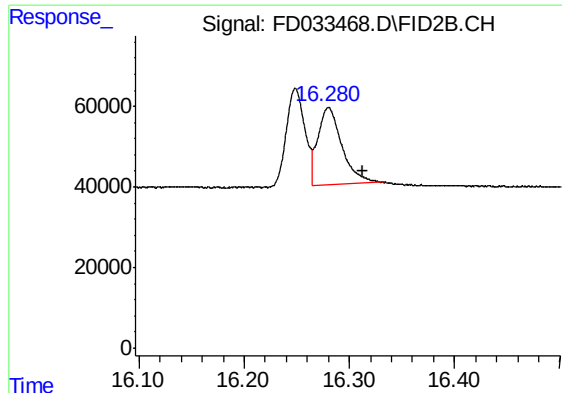
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: -0.024 min
Response: 373835
Conc: 2.90 ug/ml



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

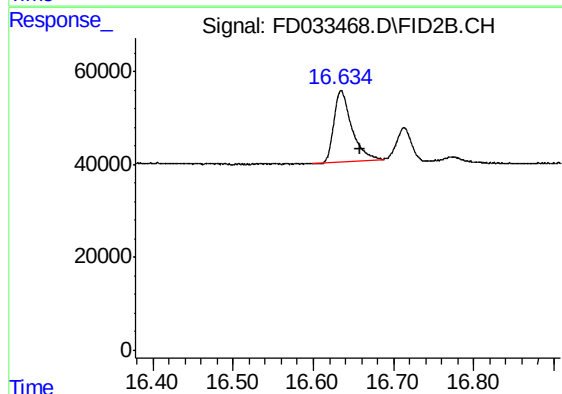
R.T.: 16.280 min
Delta R.T.: 0.007 min
Response: 301497
Conc: 2.42 ug/ml



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

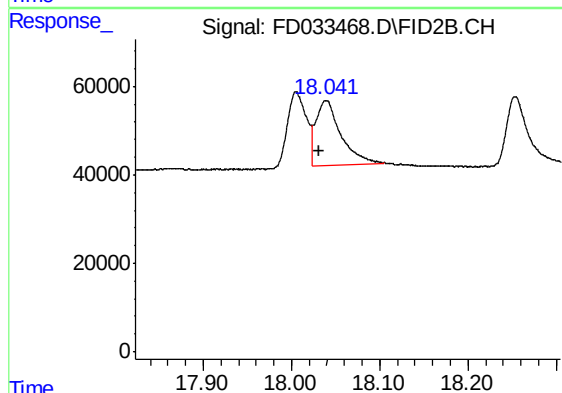
R.T.: 16.280 min
Delta R.T.: -0.033 min
Response: 301497
Conc: 2.34 ug/ml

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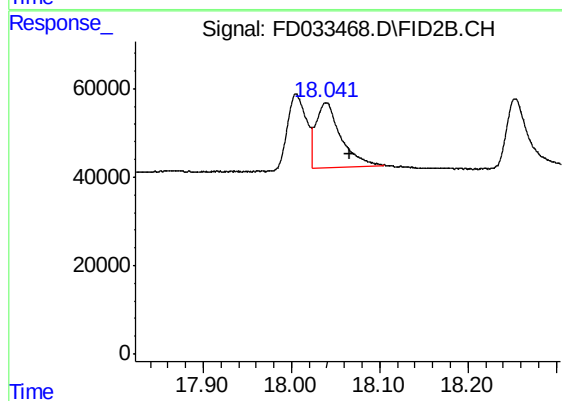
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.635 min
Delta R.T.: -0.024 min
Response: 234117
Conc: 1.90 ug/ml



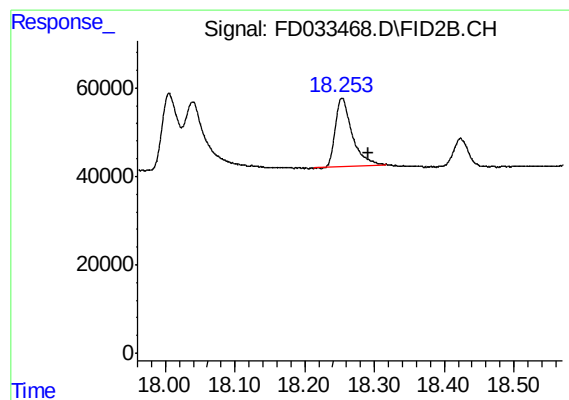
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.008 min
Response: 288670
Conc: 2.43 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.026 min
Response: 288670
Conc: 2.33 ug/ml



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

R.T.: 18.254 min
Delta R.T.: -0.038 min
Response: 258628
Conc: 2.14 ug/ml

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