

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060523AR\
 Data File : FD045780.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2023 13:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 06 02:06:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.531	3876275	21.501 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
6) S 2-Fluorobiphenyl (SURR)	8.386	2542225	21.145 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.29%
11) S ortho-Terphenyl (SURR)	11.426	4671660	20.915 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.340	4421759	21.903 ug/ml
2) T Naphthalene (C11.7)	5.870	4551061	21.478 ug/ml
3) T 2-Methylnaphthalene (...)	6.919	4553214	21.558 ug/ml
5) T Acenaphthylene (C15.06)	8.190	4048360	21.368 ug/ml
7) T Acenaphthene (C15.5)	8.486	4322051	21.377 ug/ml
8) T Fluorene (C16.55)	9.265	4152330	20.957 ug/ml
9) T Phenanthrene (C19.36)	10.655	3901759	20.395 ug/ml
10) T Anthracene (C19.43)	10.728	3366051	19.760 ug/ml
12) T Fluoranthene (C21.85)	12.458	3688930	19.967 ug/ml
13) T Pyrene (C20.8)	12.753	3579823	20.044 ug/ml
14) T Benzo[a]anthracene (C...	14.616	2968046	18.957 ug/ml
15) T Chrysene (C27.41)	14.659	3114931	18.880 ug/ml
16) T benzo[b]fluoranthene ...	16.157	3000943	19.828 ug/ml
17) T Bnezo[k]fluoranthene ...	16.190	2957746	19.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.533	2896933	19.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	2865022	19.561 ug/ml
20) T Dibenz[a,h]anthracene...	17.931	2865683	19.102 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	3006961	20.379 ug/ml

(f)=RT Delta > 1/2 Window

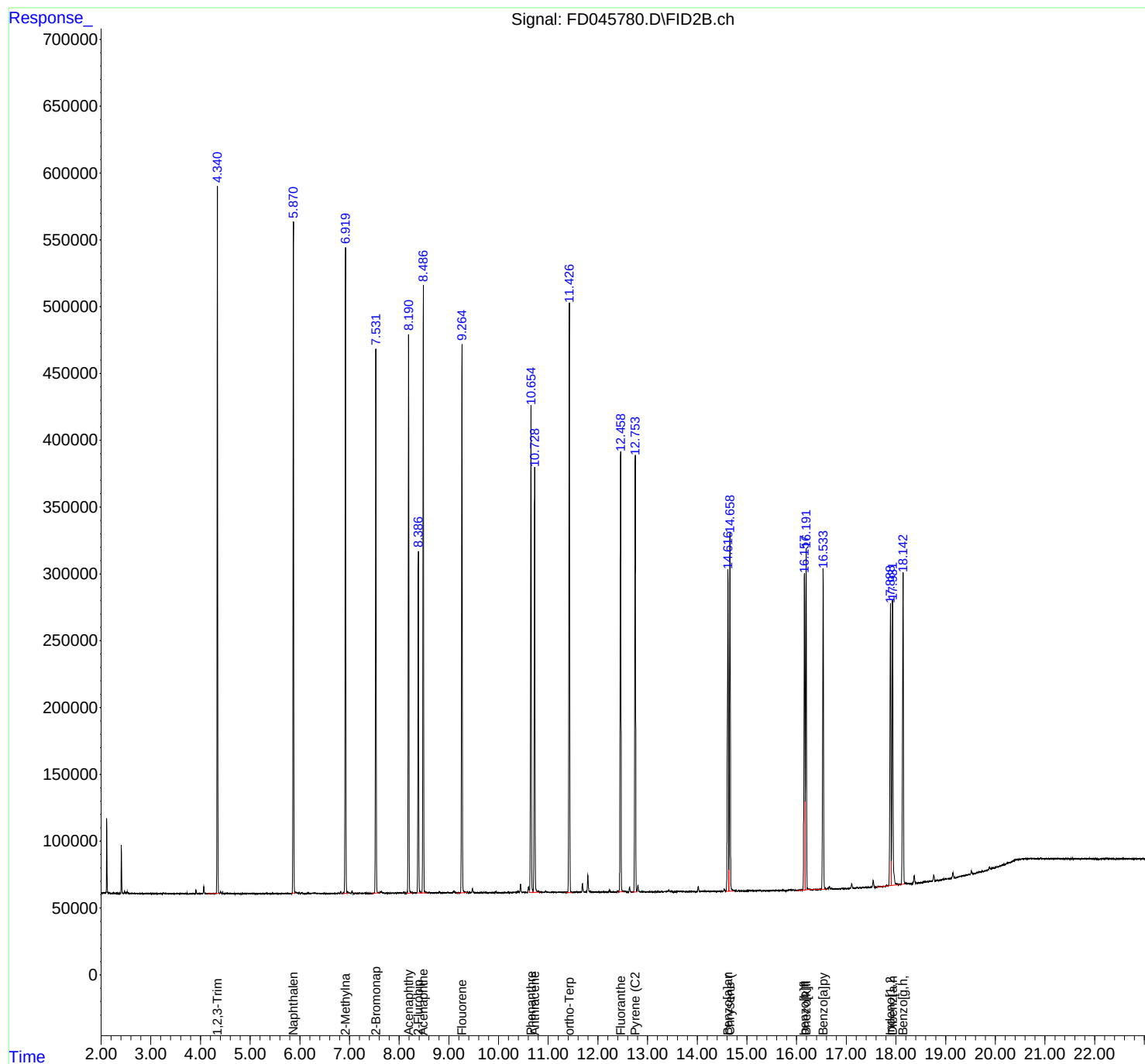
(m)=manual int.

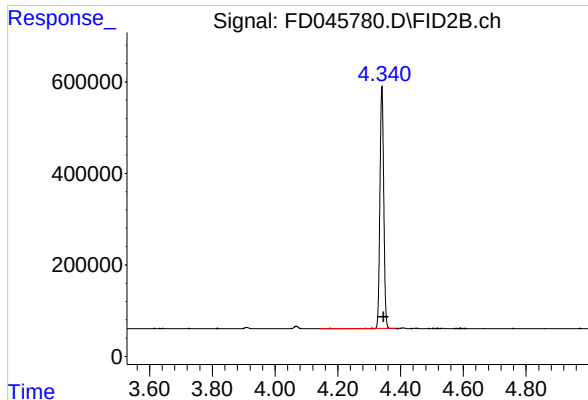
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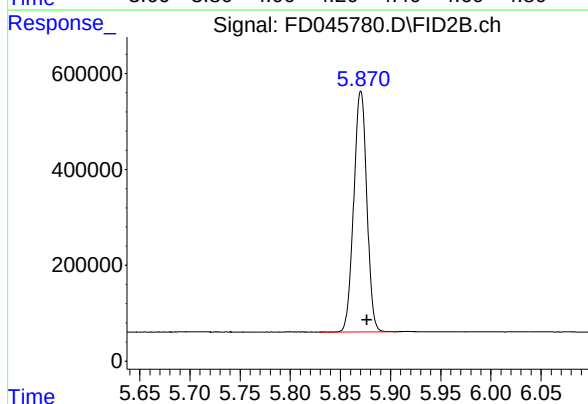




#1 1,2,3-Trimethylbenzene (C10.1)

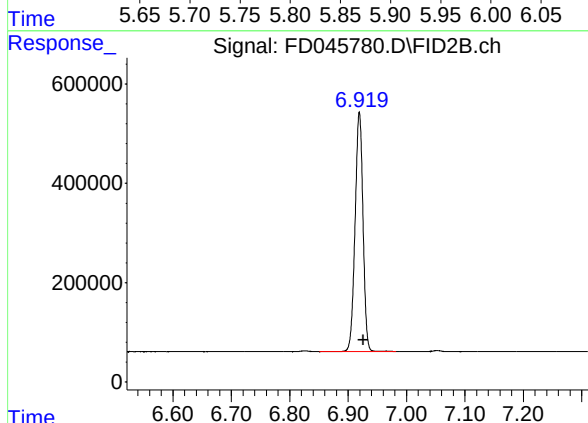
R.T.: 4.340 min
Delta R.T.: -0.006 min
Response: 4421759
Conc: 21.90 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



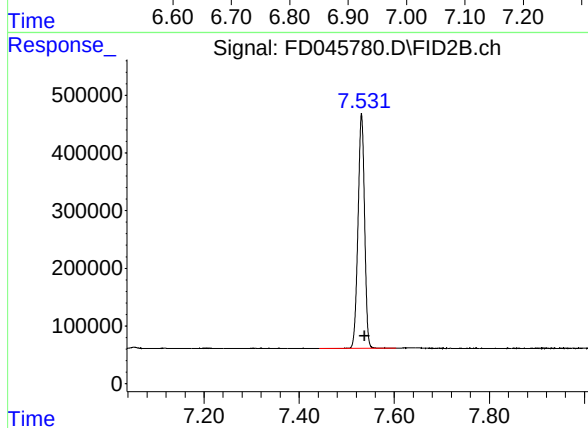
#2 Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 4551061
Conc: 21.48 ug/ml



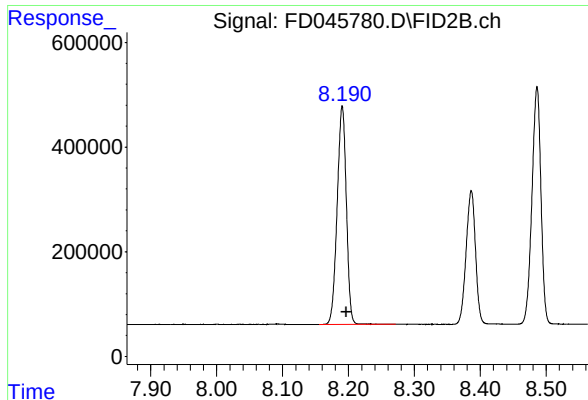
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.919 min
Delta R.T.: -0.007 min
Response: 4553214
Conc: 21.56 ug/ml



#4 2-Bromonaphthalene (SURR)

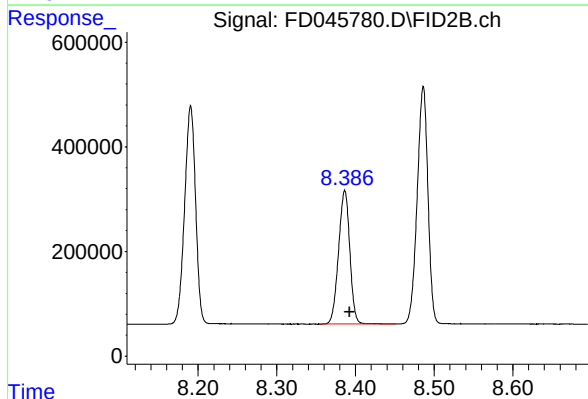
R.T.: 7.531 min
Delta R.T.: -0.006 min
Response: 3876275
Conc: 21.50 ug/ml



#5 Acenaphthylene (C15.06)

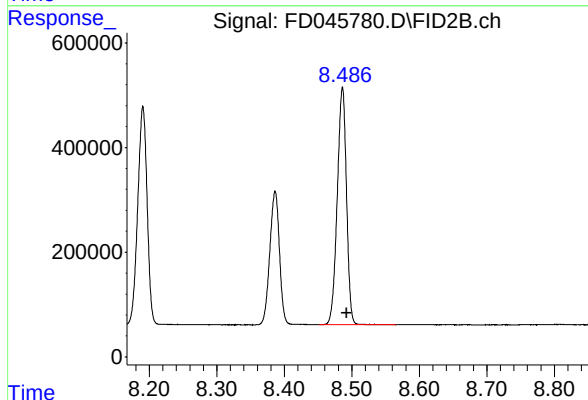
R.T.: 8.190 min
Delta R.T.: -0.006 min
Response: 4048360
Conc: 21.37 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



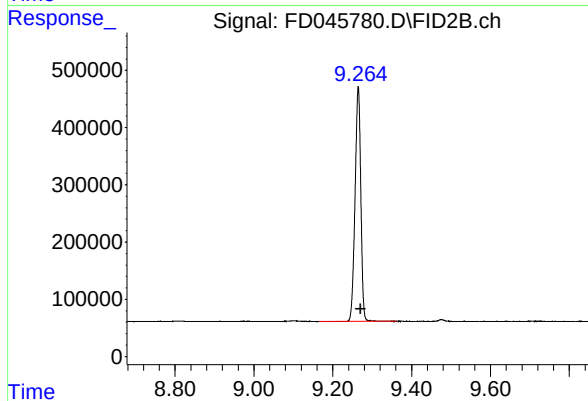
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min
Delta R.T.: -0.006 min
Response: 2542225
Conc: 21.15 ug/ml



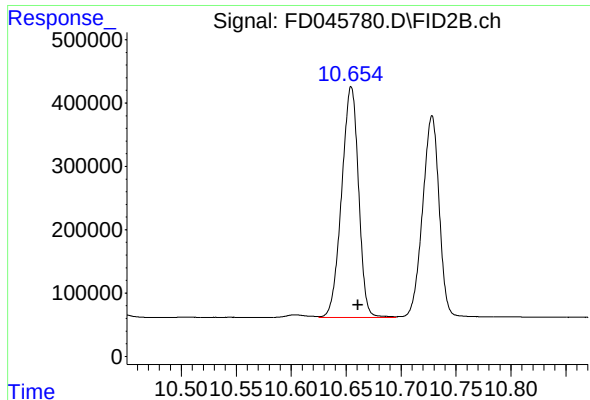
#7 Acenaphthene (C15.5)

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 4322051
Conc: 21.38 ug/ml



#8 Fluorene (C16.55)

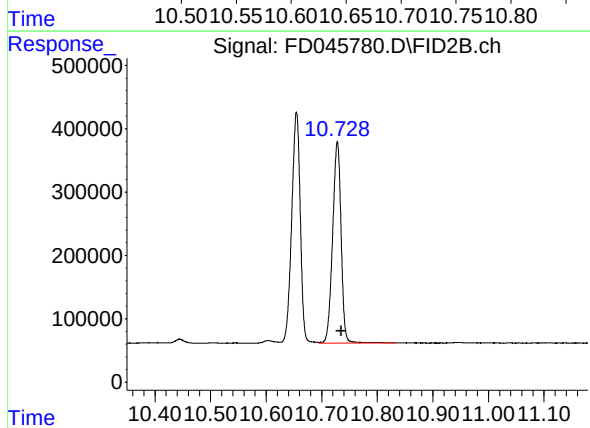
R.T.: 9.265 min
Delta R.T.: -0.006 min
Response: 4152330
Conc: 20.96 ug/ml



#9 Phenanthrene (C19.36)

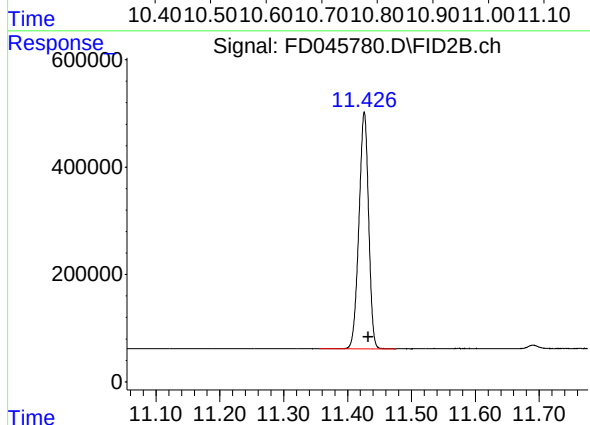
R.T.: 10.655 min
Delta R.T.: -0.007 min
Response: 3901759
Conc: 20.39 ug/ml

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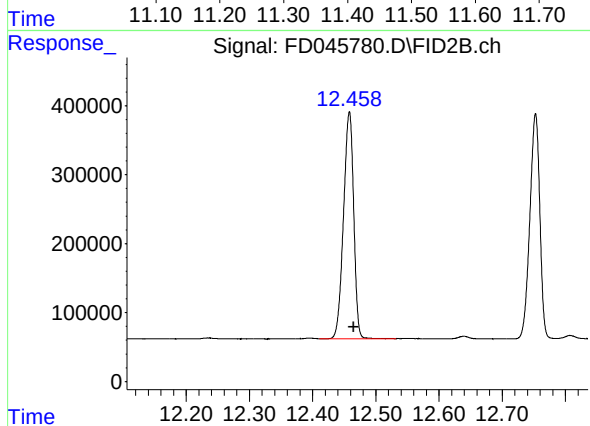
#10 Anthracene (C19.43)

R.T.: 10.728 min
Delta R.T.: -0.007 min
Response: 3366051
Conc: 19.76 ug/ml



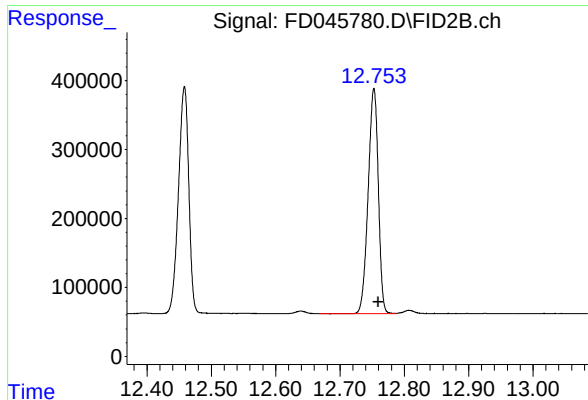
#11 ortho-Terphenyl (SURRE)

R.T.: 11.426 min
Delta R.T.: -0.006 min
Response: 4671660
Conc: 20.91 ug/ml



#12 Fluoranthene (C21.85)

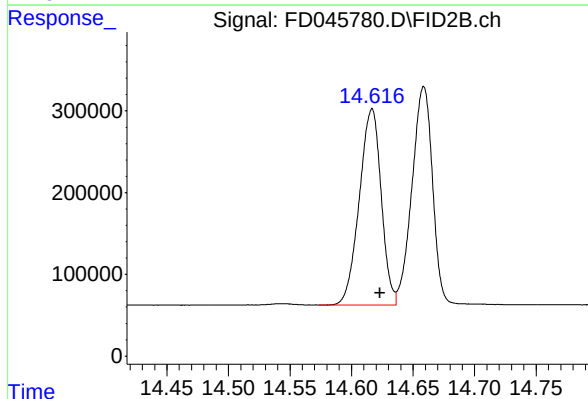
R.T.: 12.458 min
Delta R.T.: -0.007 min
Response: 3688930
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

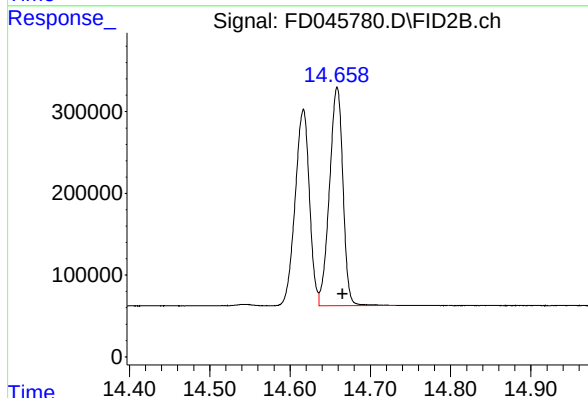
R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 3579823
Conc: 20.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



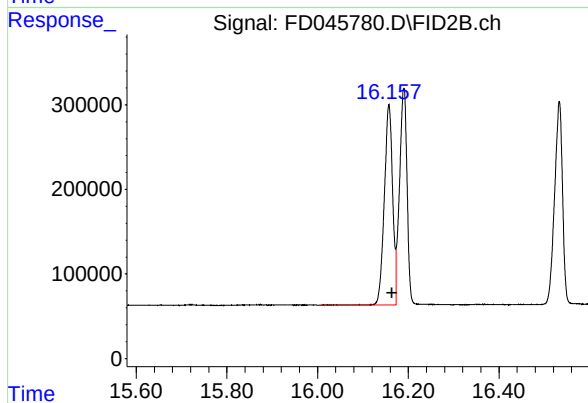
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.616 min
Delta R.T.: -0.007 min
Response: 2968046
Conc: 18.96 ug/ml



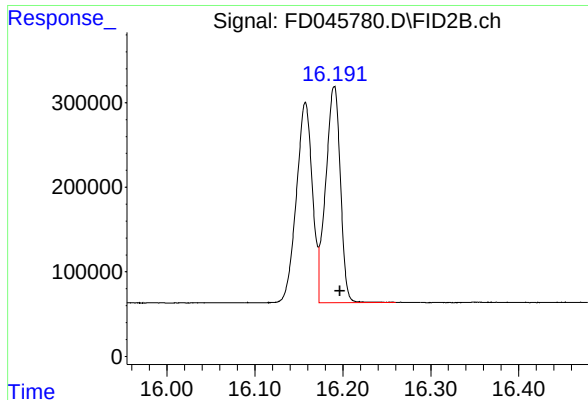
#15 Chrysene (C27.41)

R.T.: 14.659 min
Delta R.T.: -0.007 min
Response: 3114931
Conc: 18.88 ug/ml



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

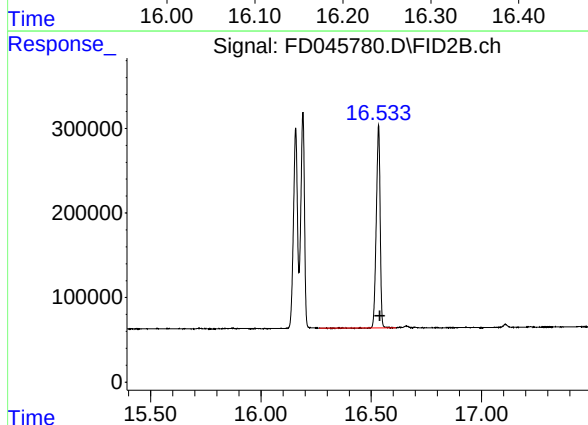
R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 3000943
Conc: 19.83 ug/ml



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

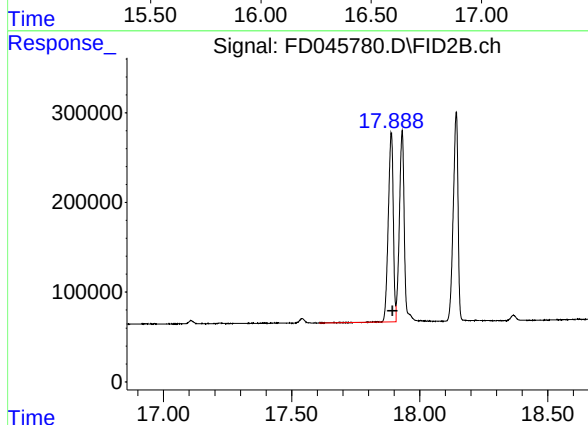
R.T.: 16.190 min
Delta R.T.: -0.007 min
Response: 2957746
Conc: 19.10 ug/ml

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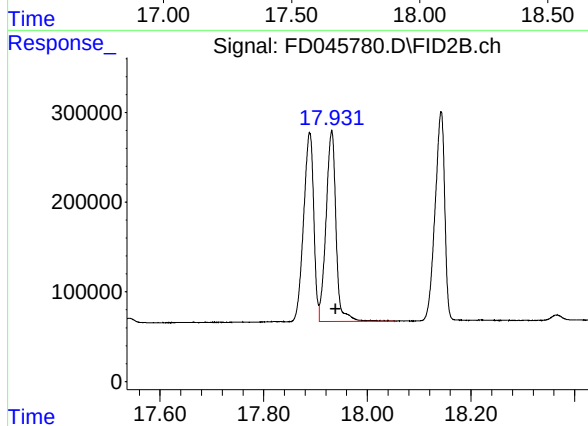
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.533 min
Delta R.T.: -0.006 min
Response: 2896933
Conc: 19.81 ug/ml



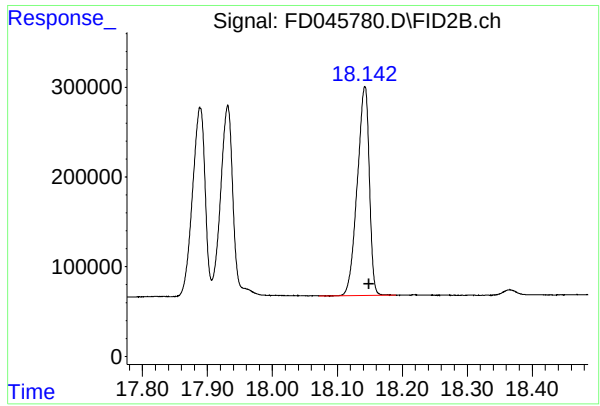
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: -0.006 min
Response: 2865022
Conc: 19.56 ug/ml



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

R.T.: 17.931 min
Delta R.T.: -0.008 min
Response: 2865683
Conc: 19.10 ug/ml



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

R.T.: 18.142 min
Delta R.T.: -0.007 min
Response: 3006961
Conc: 20.38 ug/ml

Instrument :

FID_D

ClientSampleId :

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