

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AR\
 Data File : FD044295.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2022 09:33
 Operator : YP/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: Oct 28 12:32:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.413	2720293	21.910 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
6) S 2-Fluorobiphenyl (SURR)	8.273	1546011	20.532 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.06%
11) S ortho-Terphenyl (SURR)	11.292	3759660	22.212 ug/ml
Spiked Amount 50.000		Recovery =	44.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3173837	22.486 ug/ml
2) T Naphthalene (C11.7)	5.755	3127798	22.815 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3090984	21.804 ug/ml
5) T Acenaphthylene (C15.06)	8.068	3036870	21.648 ug/ml
7) T Acenaphthene (C15.5)	8.359	3532797	22.718 ug/ml
8) T Flouorene (C16.55)	9.141	3057180	21.731 ug/ml
9) T Phenanthrene (C19.36)	10.533	2945682	21.873 ug/ml
10) T Anthracene (C19.43)	10.612	2467546	18.364 ug/ml
12) T Fluoranthene (C21.85)	12.337	3008811	22.530 ug/ml
13) T Pyrene (C20.8)	12.631	2640805	20.907 ug/ml
14) T Benzo[a]anthracene (C...	14.500	2381448	22.421 ug/ml
15) T Chrysene (C27.41)	14.542	3098069	23.633 ug/ml
16) T benzo[b]fluoranthene ...	16.046	2596964	23.140 ug/ml
17) T Bnezo[k]fluoranthene ...	16.078	3012611	23.679 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	2087730	17.967 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	2335931	21.911 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	2649577	21.417 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	2621044	22.326 ug/ml

(f)=RT Delta > 1/2 Window

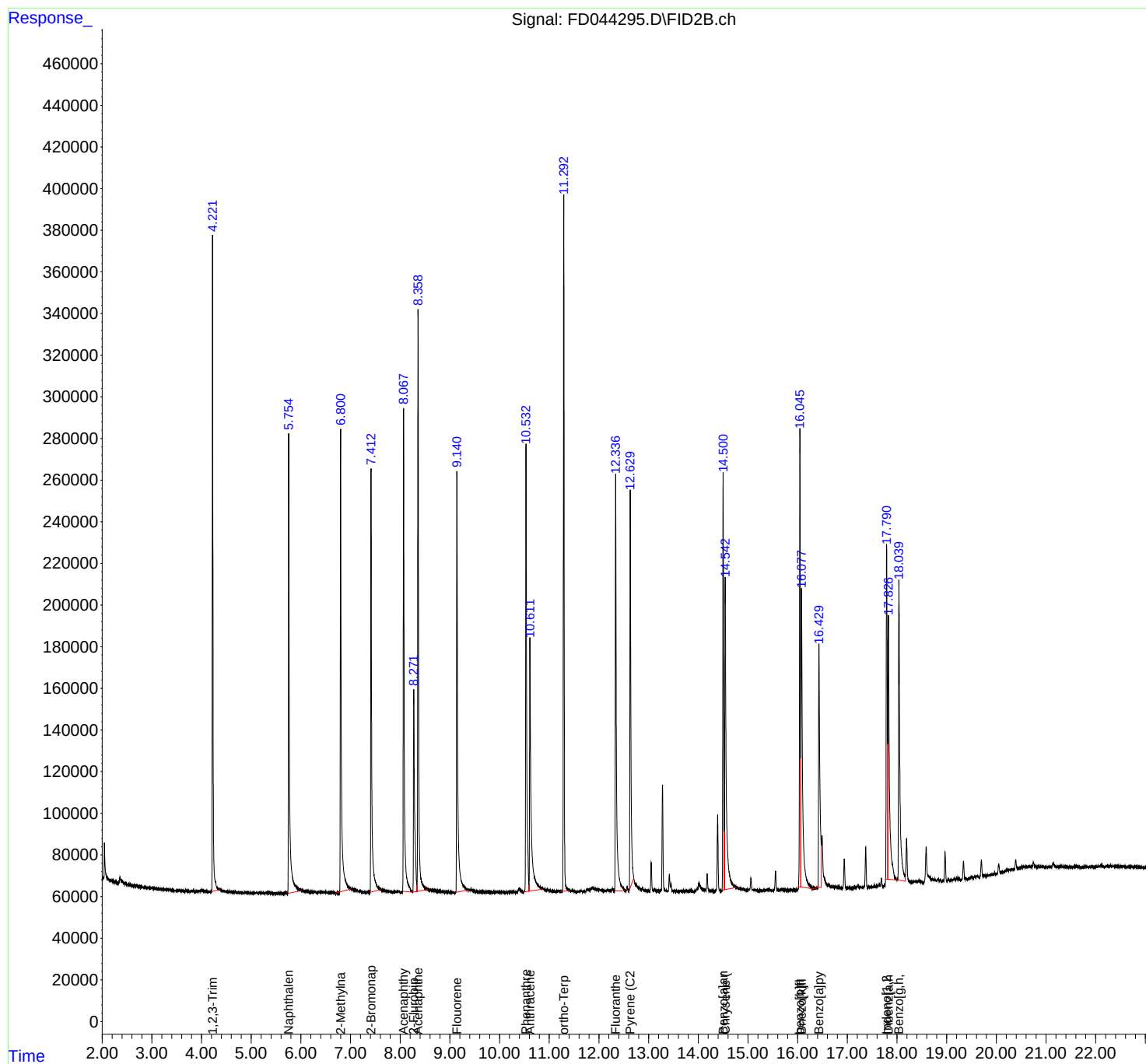
(m)=manual int.

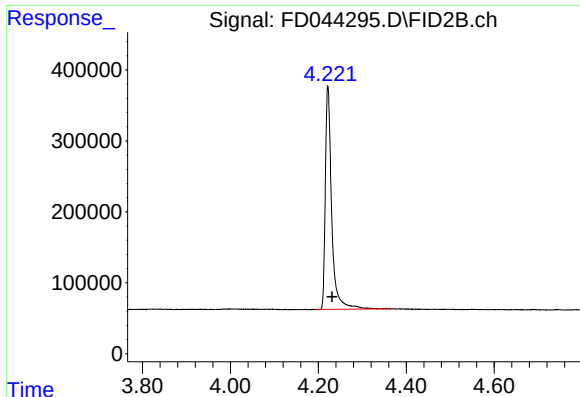
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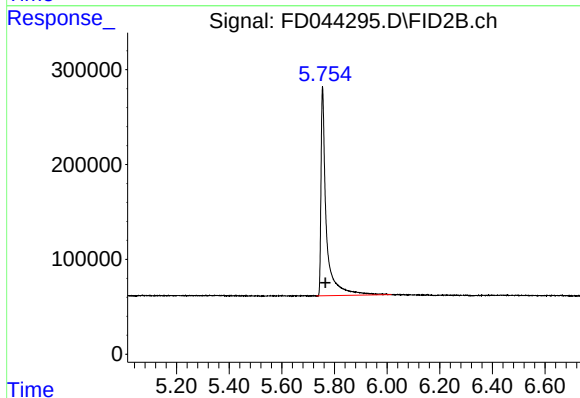




#1 1,2,3-Trimethylbenzene (C10.1)

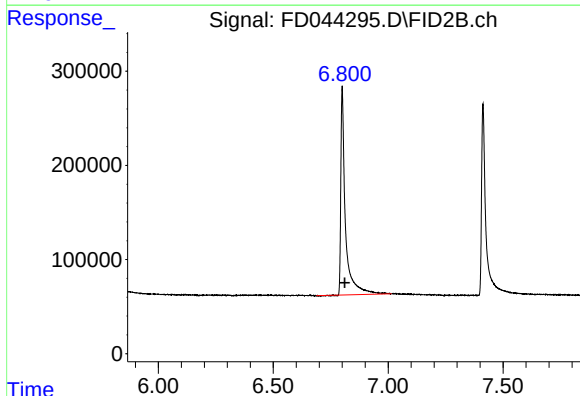
R.T.: 4.222 min
Delta R.T.: -0.009 min
Response: 3173837
Conc: 22.49 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



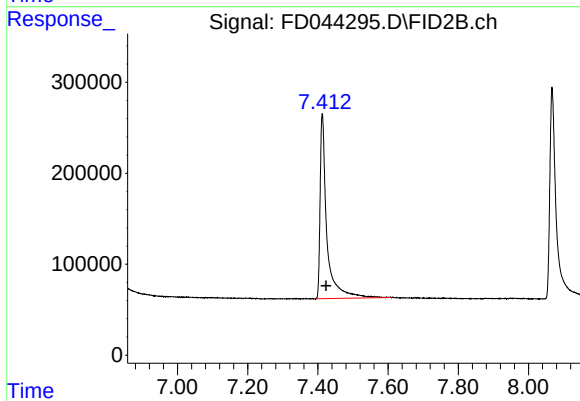
#2 Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.011 min
Response: 3127798
Conc: 22.81 ug/ml



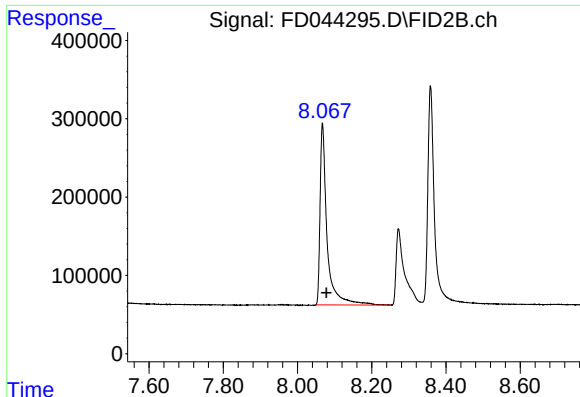
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.011 min
Response: 3090984
Conc: 21.80 ug/ml



#4 2-Bromonaphthalene (SURR)

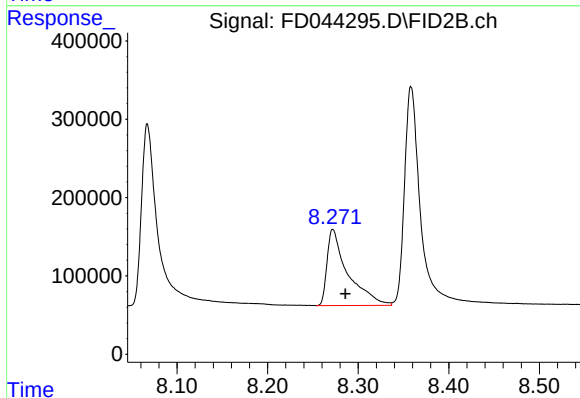
R.T.: 7.413 min
Delta R.T.: -0.011 min
Response: 2720293
Conc: 21.91 ug/ml



#5 Acenaphthylene (C15.06)

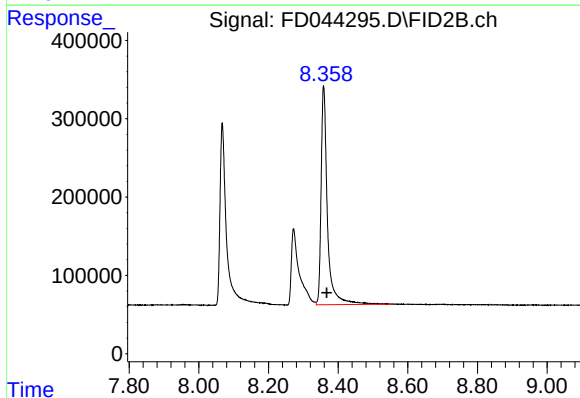
R.T.: 8.068 min
Delta R.T.: -0.011 min
Response: 3036870
Conc: 21.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



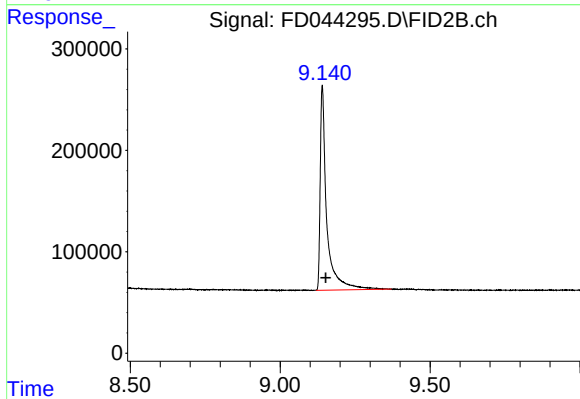
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.273 min
Delta R.T.: -0.013 min
Response: 1546011
Conc: 20.53 ug/ml



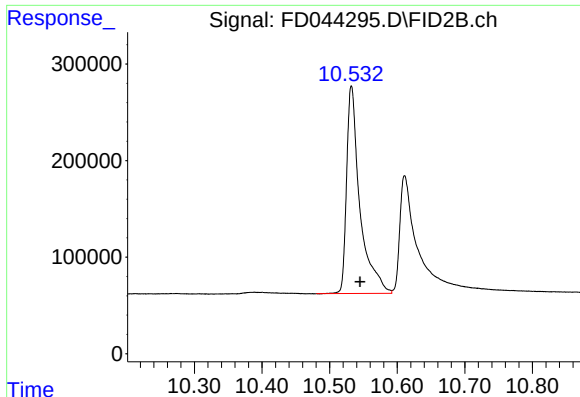
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 3532797
Conc: 22.72 ug/ml



#8 Fluorene (C16.55)

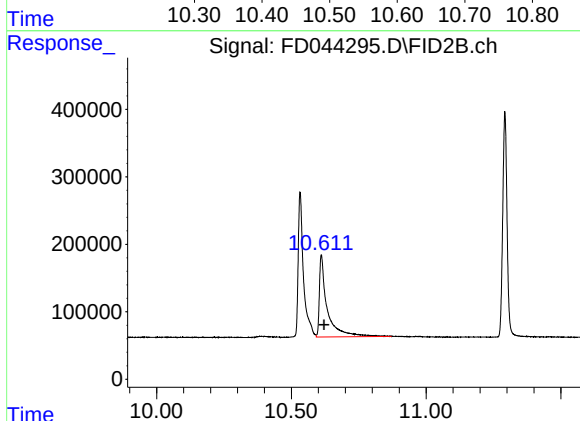
R.T.: 9.141 min
Delta R.T.: -0.011 min
Response: 3057180
Conc: 21.73 ug/ml



#9 Phenanthrene (C19.36)

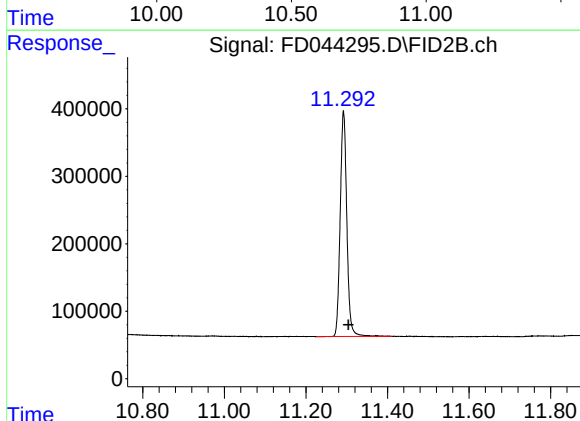
R.T.: 10.533 min
Delta R.T.: -0.013 min
Response: 2945682
Conc: 21.87 ug/ml

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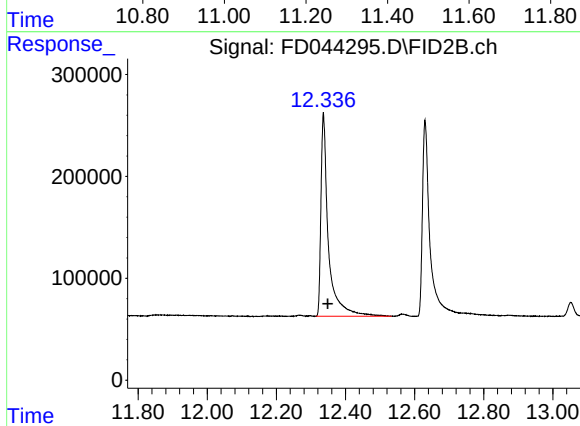
#10 Anthracene (C19.43)

R.T.: 10.612 min
Delta R.T.: -0.010 min
Response: 2467546
Conc: 18.36 ug/ml



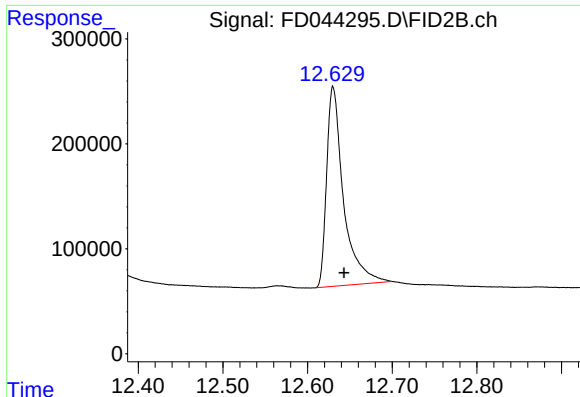
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.012 min
Response: 3759660
Conc: 22.21 ug/ml



#12 Fluoranthene (C21.85)

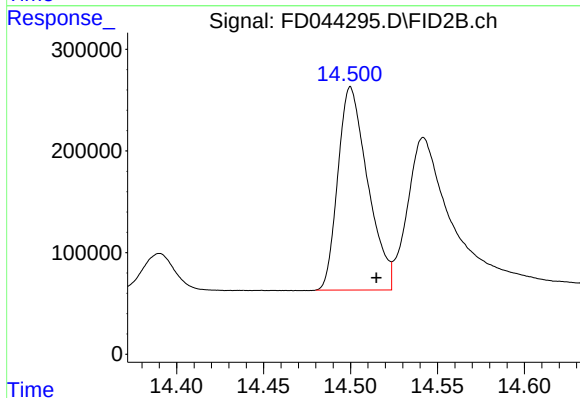
R.T.: 12.337 min
Delta R.T.: -0.012 min
Response: 3008811
Conc: 22.53 ug/ml



#13 Pyrene (C20.8)

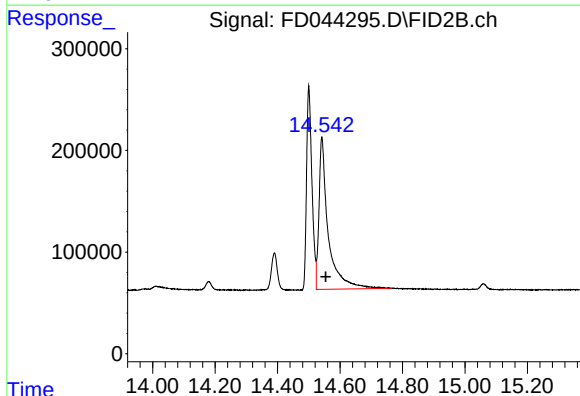
R.T.: 12.631 min
Delta R.T.: -0.013 min
Response: 2640805
Conc: 20.91 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



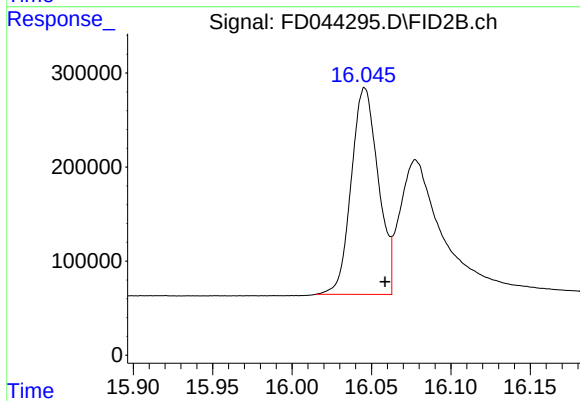
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.015 min
Response: 2381448
Conc: 22.42 ug/ml



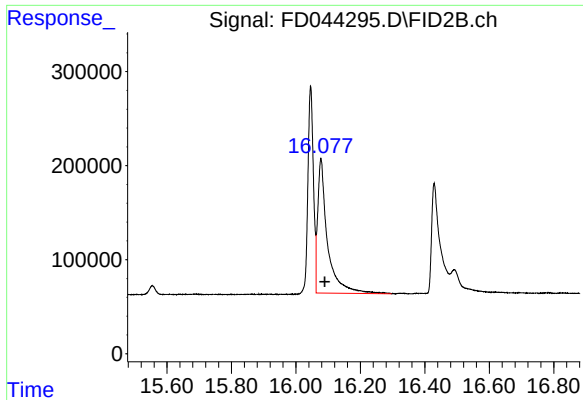
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.012 min
Response: 3098069
Conc: 23.63 ug/ml



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

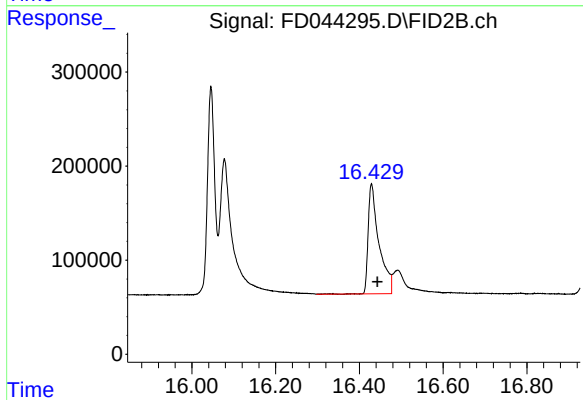
R.T.: 16.046 min
Delta R.T.: -0.013 min
Response: 2596964
Conc: 23.14 ug/ml



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

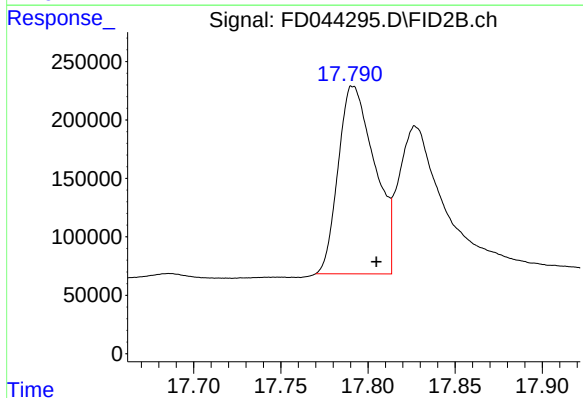
R.T.: 16.078 min
Delta R.T.: -0.011 min
Response: 3012611
Conc: 23.68 ug/ml

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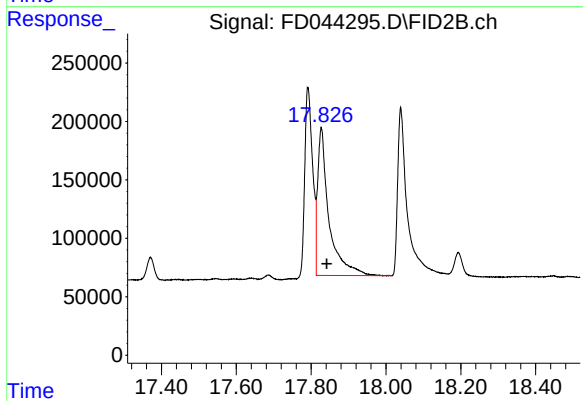
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.014 min
Response: 2087730
Conc: 17.97 ug/ml



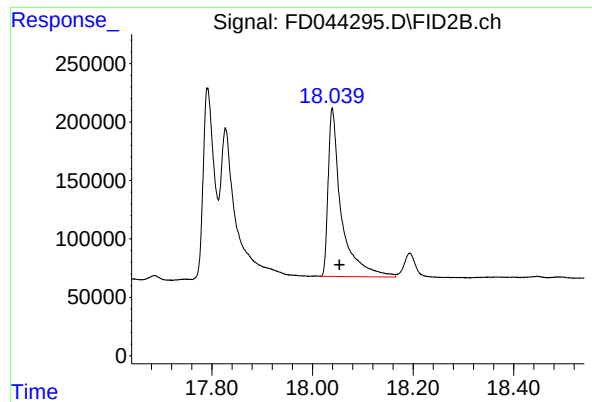
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.013 min
Response: 2335931
Conc: 21.91 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.014 min
Response: 2649577
Conc: 21.42 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.014 min
Response: 2621044
Conc: 22.33 ug/ml

Instrument :

FID_D

ClientSampleId :

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