

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046104.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2023 03:25
 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: Jul 12 05:40:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.511	4222135	19.592 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
6) S 2-Fluorobiphenyl (SURR)	8.365	2658726	19.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.42%
11) S ortho-Terphenyl (SURR)	11.404	4887348	19.278 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.322	5025109	20.173 ug/ml
2) T Naphthalene (C11.7)	5.850	5074124	19.889 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	4960033	19.675 ug/ml
5) T Acenaphthylene (C15.06)	8.169	4284477	19.726 ug/ml
7) T Acenaphthene (C15.5)	8.465	4590026	19.472 ug/ml
8) T Flouorene (C16.55)	9.242	4329973	19.137 ug/ml
9) T Phenanthrene (C19.36)	10.632	4065468	19.053 ug/ml
10) T Anthracene (C19.43)	10.706	3560211	22.406 ug/ml
12) T Fluoranthene (C21.85)	12.435	3853787	18.831 ug/ml
13) T Pyrene (C20.8)	12.730	3779068	19.436 ug/ml
14) T Benzo[a]anthracene (C...	14.593	3576004	19.884 ug/ml
15) T Chrysene (C27.41)	14.637	3758122	19.147 ug/ml
16) T benzo[b]fluoranthene ...	16.137	3802758	20.275 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	3727146	18.842 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	3648885	20.943 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	3528834	18.961 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	3498861	19.031 ug/ml
21) T Benzo[g,h,i]perylene ...	18.122	3679105	19.690 ug/ml

(f)=RT Delta > 1/2 Window

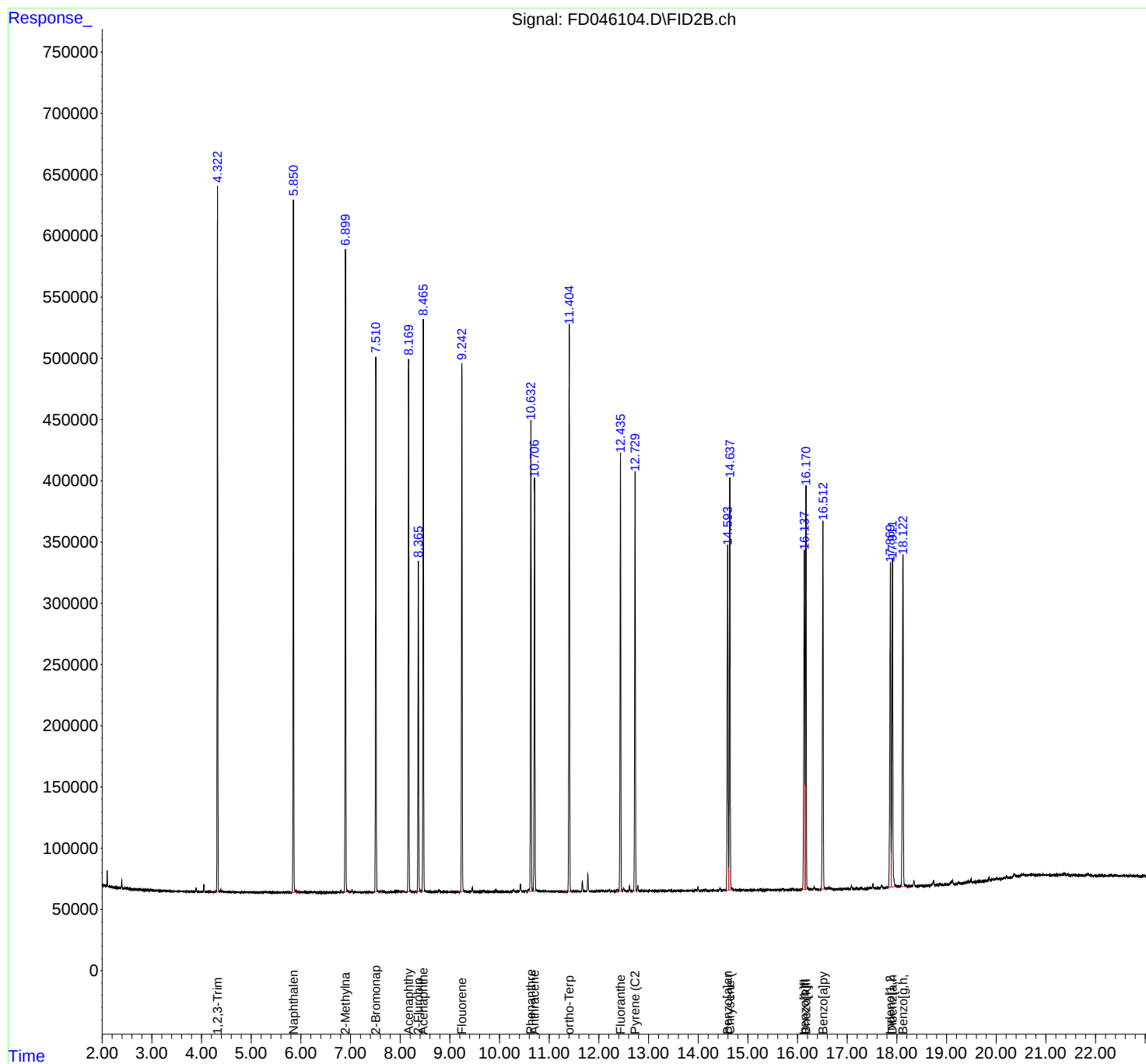
(m)=manual int.

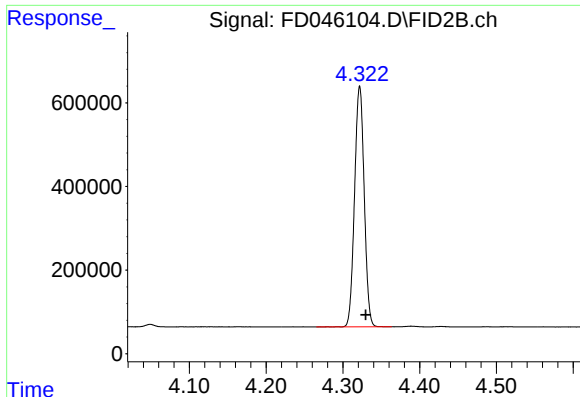
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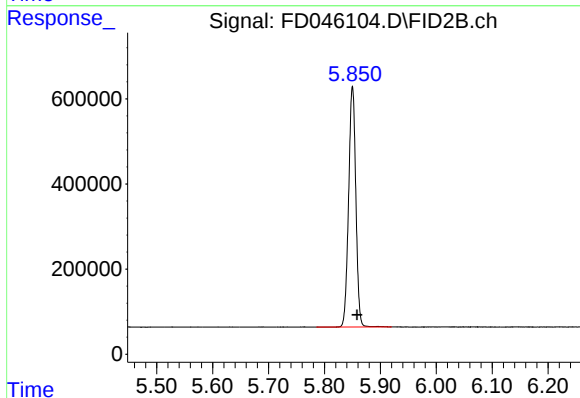




#1 1,2,3-Trimethylbenzene (C10.1)

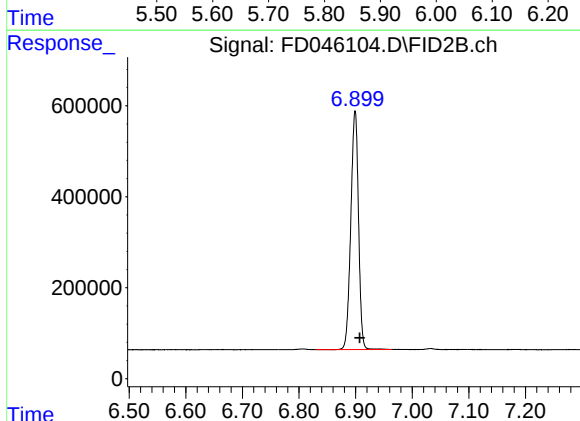
R.T.: 4.322 min
Delta R.T.: -0.008 min
Response: 5025109
Conc: 20.17 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



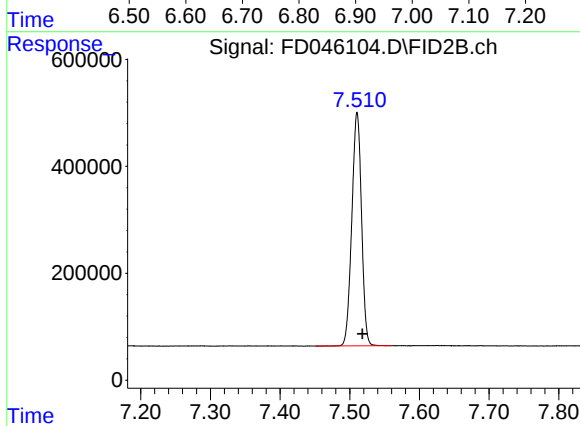
#2 Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: -0.008 min
Response: 5074124
Conc: 19.89 ug/ml



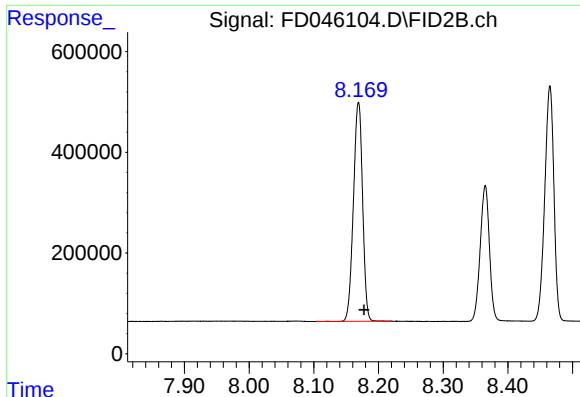
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: -0.008 min
Response: 4960033
Conc: 19.68 ug/ml



#4 2-Bromonaphthalene (SURR)

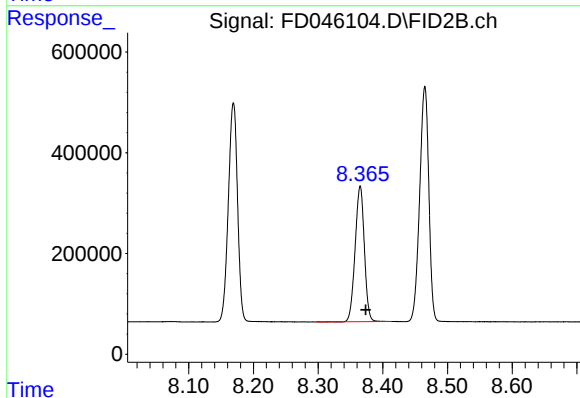
R.T.: 7.511 min
Delta R.T.: -0.008 min
Response: 4222135
Conc: 19.59 ug/ml



#5 Acenaphthylene (C15.06)

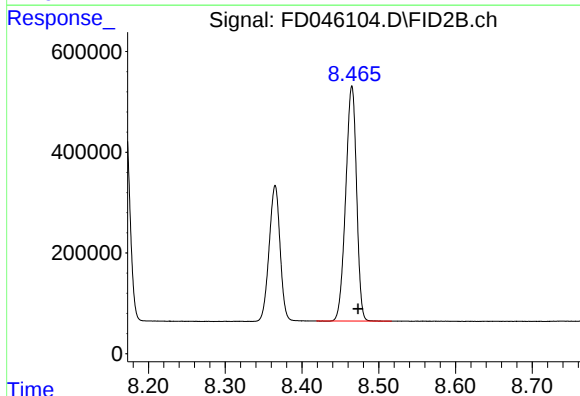
R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 4284477
Conc: 19.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



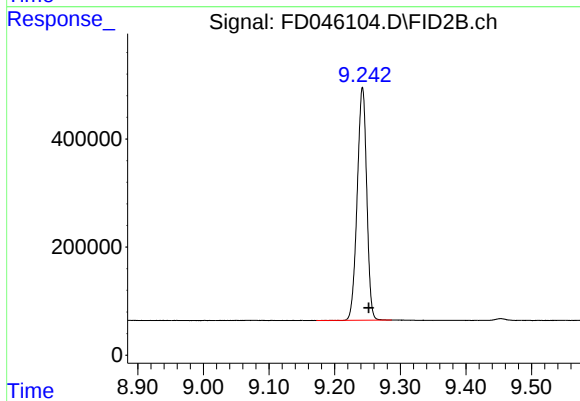
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.365 min
Delta R.T.: -0.009 min
Response: 2658726
Conc: 19.21 ug/ml



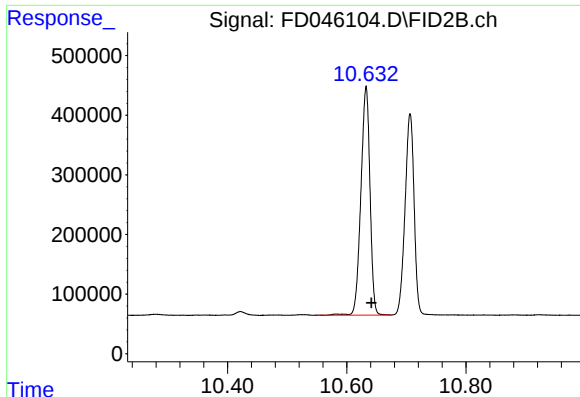
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: -0.008 min
Response: 4590026
Conc: 19.47 ug/ml



#8 Flouorene (C16.55)

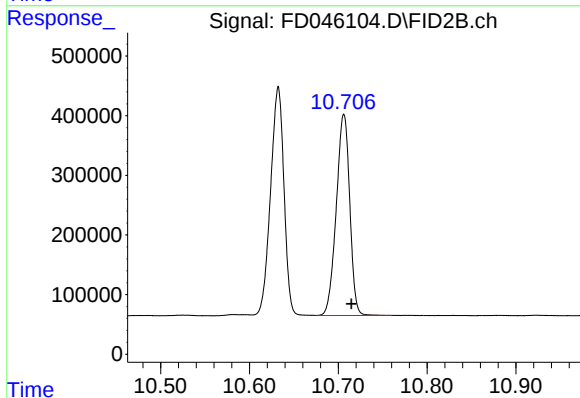
R.T.: 9.242 min
Delta R.T.: -0.009 min
Response: 4329973
Conc: 19.14 ug/ml



#9 Phenanthrene (C19.36)

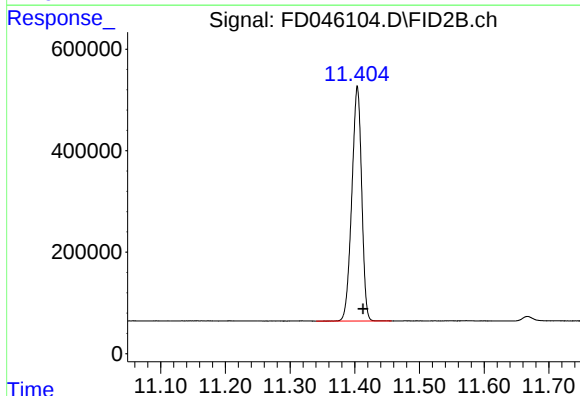
R.T.: 10.632 min
Delta R.T.: -0.009 min
Response: 4065468
Conc: 19.05 ug/ml

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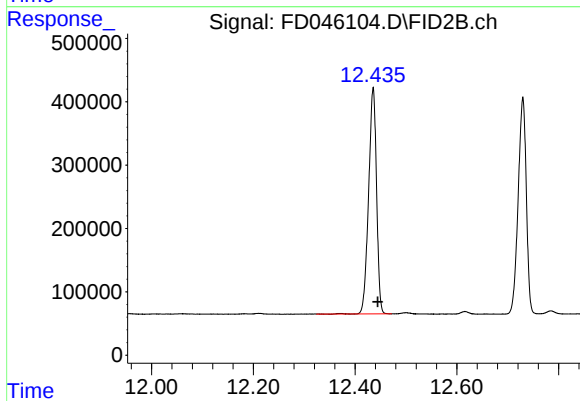
#10 Anthracene (C19.43)

R.T.: 10.706 min
Delta R.T.: -0.009 min
Response: 3560211
Conc: 22.41 ug/ml



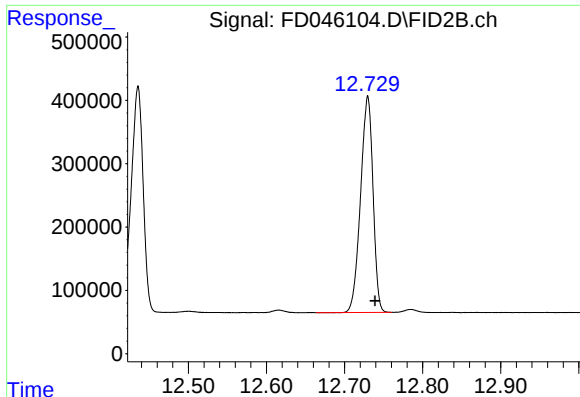
#11 ortho-Terphenyl (SURR)

R.T.: 11.404 min
Delta R.T.: -0.009 min
Response: 4887348
Conc: 19.28 ug/ml



#12 Fluoranthene (C21.85)

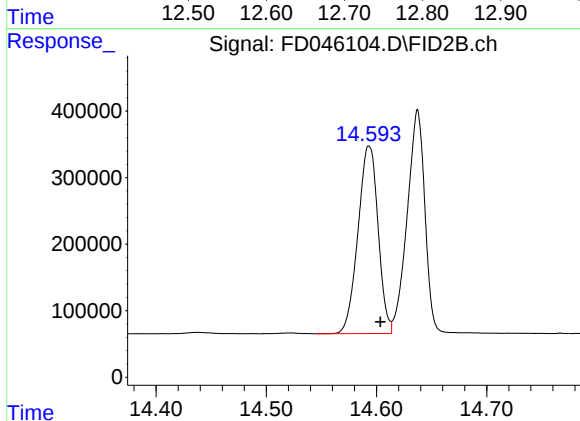
R.T.: 12.435 min
Delta R.T.: -0.010 min
Response: 3853787
Conc: 18.83 ug/ml



#13 Pyrene (C20.8)

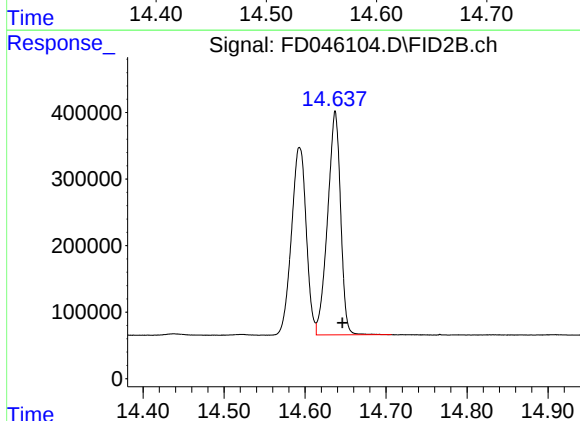
R.T.: 12.730 min
Delta R.T.: -0.010 min
Response: 3779068
Conc: 19.44 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



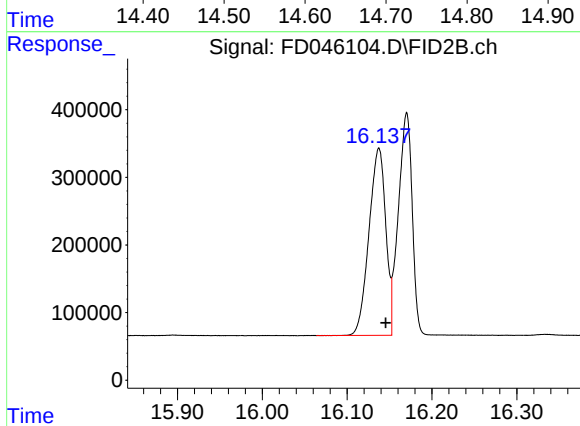
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.593 min
Delta R.T.: -0.010 min
Response: 3576004
Conc: 19.88 ug/ml



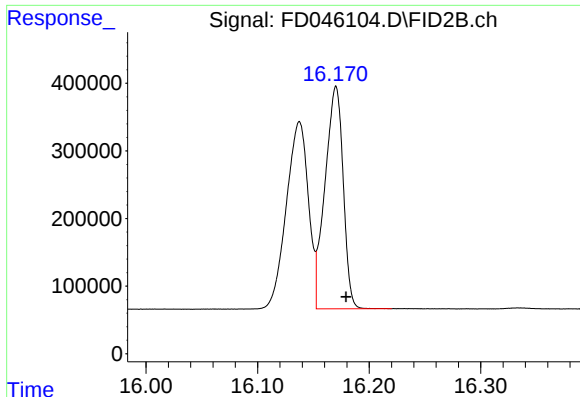
#15 Chrysene (C27.41)

R.T.: 14.637 min
Delta R.T.: -0.009 min
Response: 3758122
Conc: 19.15 ug/ml



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

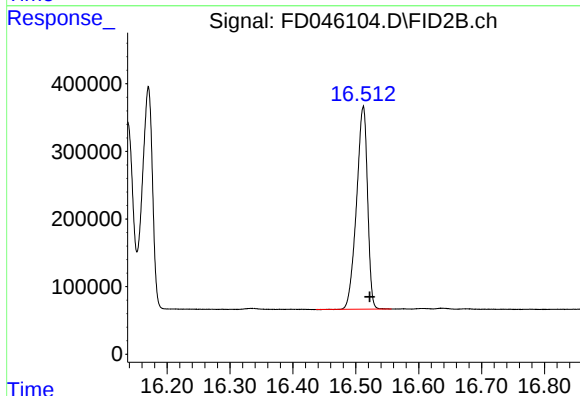
R.T.: 16.137 min
Delta R.T.: -0.008 min
Response: 3802758
Conc: 20.28 ug/ml



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

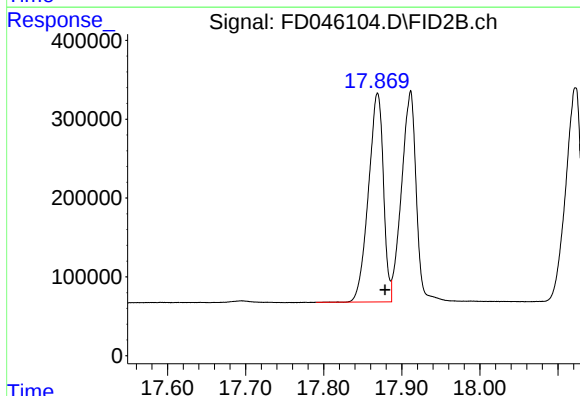
R.T.: 16.170 min
Delta R.T.: -0.009 min
Response: 3727146
Conc: 18.84 ug/ml

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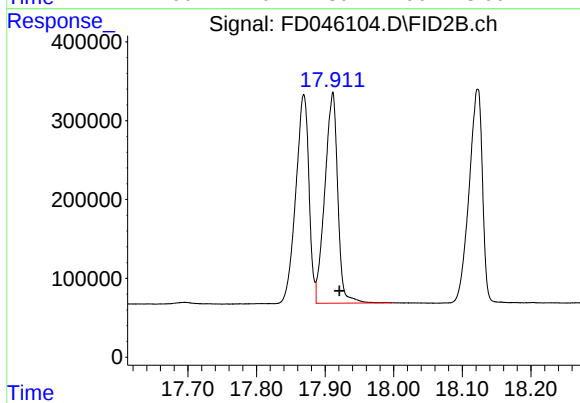
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: -0.011 min
Response: 3648885
Conc: 20.94 ug/ml



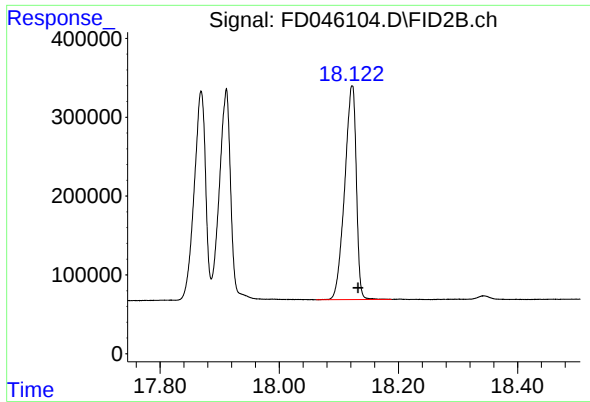
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.869 min
Delta R.T.: -0.010 min
Response: 3528834
Conc: 18.96 ug/ml



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

R.T.: 17.911 min
Delta R.T.: -0.010 min
Response: 3498861
Conc: 19.03 ug/ml



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

R.T.: 18.122 min
Delta R.T.: -0.011 min
Response: 3679105
Conc: 19.69 ug/ml

Instrument :

FID_D

ClientSampleId :

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