

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092724AR\
 Data File : FD048395.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2024 21:40
 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: Sep 28 03:27:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.382	3118075	20.559 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
6) S 2-Fluorobiphenyl (SURR)	8.233	1985021	20.775 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.55%
11) S ortho-Terphenyl (SURR)	11.267	3638853	21.209 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	3591876	20.361 ug/ml
2) T Naphthalene (C11.7)	5.722	3670678	20.298 ug/ml
3) T 2-Methylnaphthalene (...)	6.770	3627856	20.278 ug/ml
5) T Acenaphthylene (C15.06)	8.034	3534242	20.229 ug/ml
7) T Acenaphthene (C15.5)	8.328	3647728	20.510 ug/ml
8) T Fluorene (C16.55)	9.107	3484644	20.810 ug/ml
9) T Phenanthrene (C19.36)	10.495	3411085	21.128 ug/ml
10) T Anthracene (C19.43)	10.570	2648875	16.646 ug/ml
12) T Fluoranthene (C21.85)	12.298	3509215	21.647 ug/ml
13) T Pyrene (C20.8)	12.591	3425435	21.364 ug/ml
14) T Benzo[a]anthracene (C...	14.458	2999492	21.413 ug/ml
15) T Chrysene (C27.41)	14.500	3742799	22.723 ug/ml
16) T benzo[b]fluoranthene ...	16.005	3176423	21.379 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	3387977	21.998 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	2956192	19.981 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	1880426	16.642 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	3291453	21.567 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	2441374	16.563 ug/ml

(f)=RT Delta > 1/2 Window

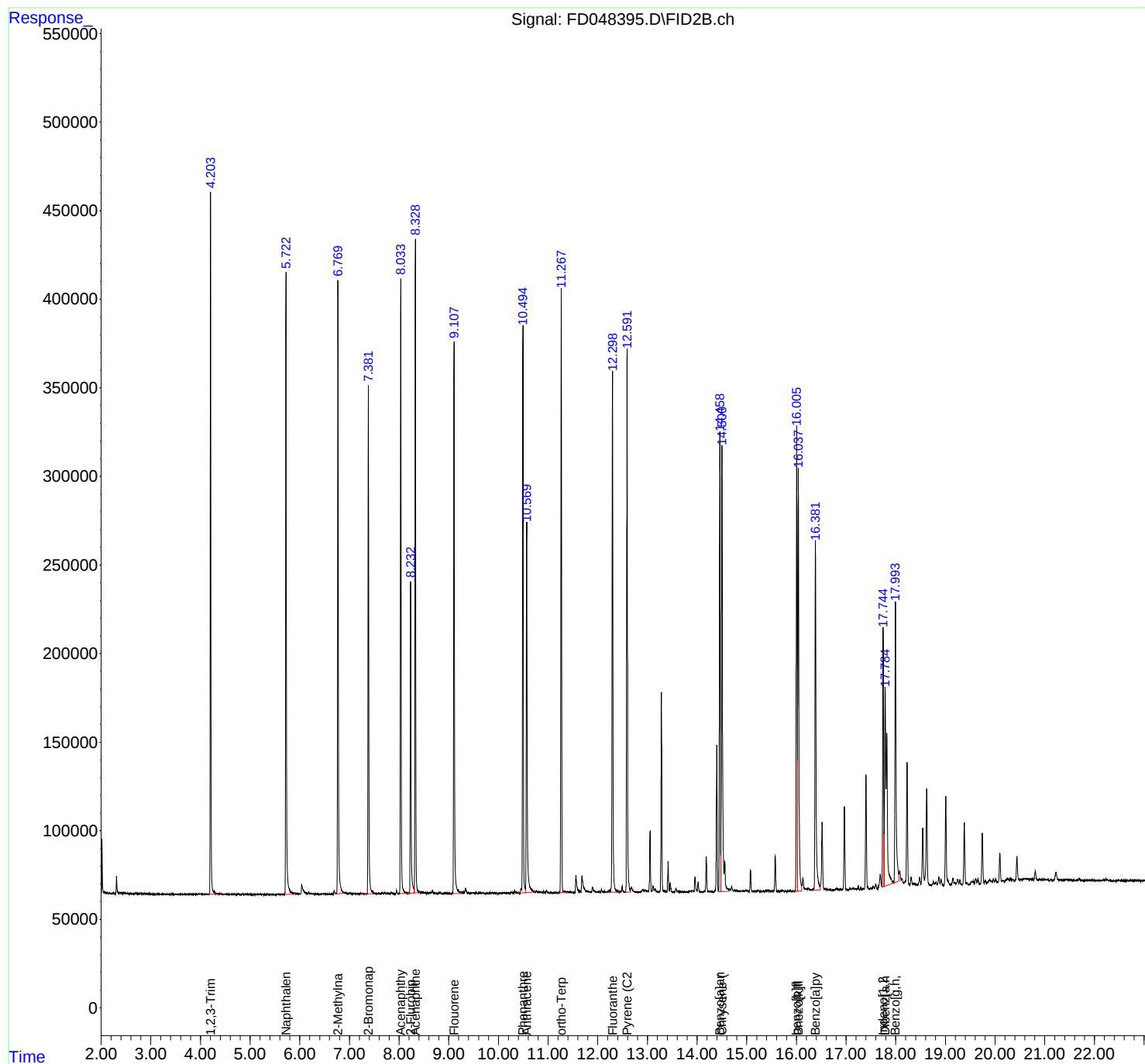
(m)=manual int.

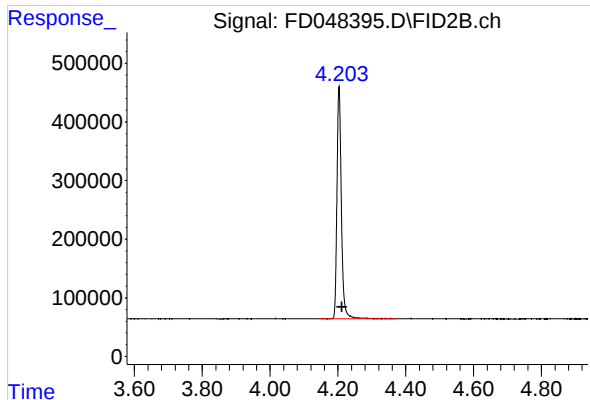
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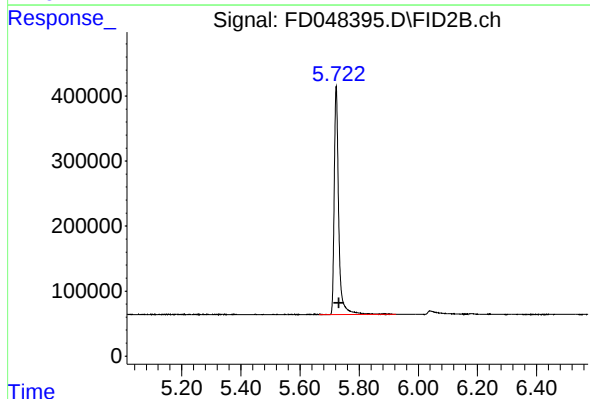




#1 1,2,3-Trimethylbenzene (C10.1)

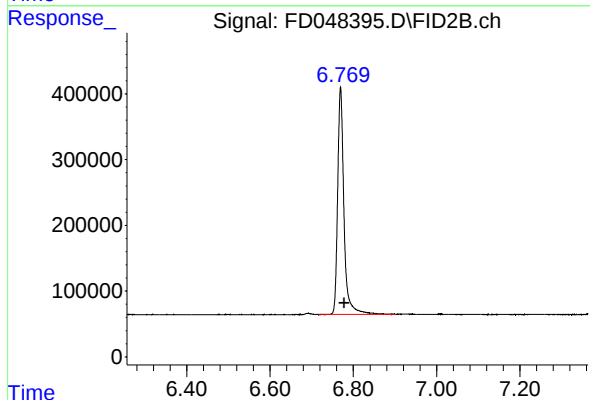
R.T.: 4.204 min
Delta R.T.: -0.008 min
Response: 3591876
Conc: 20.36 ug/ml

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20 PPM AROMATIC HC STD



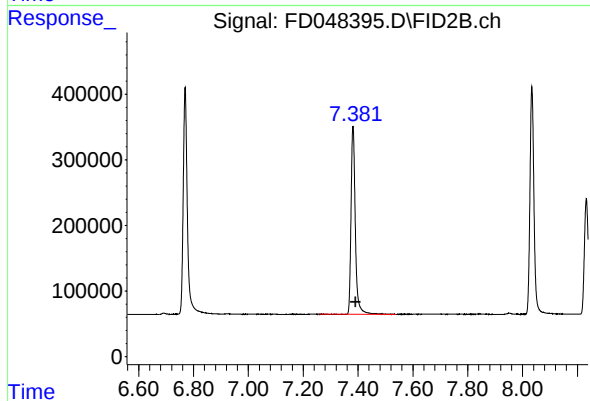
#2 Naphthalene (C11.7)

R.T.: 5.722 min
Delta R.T.: -0.010 min
Response: 3670678
Conc: 20.30 ug/ml



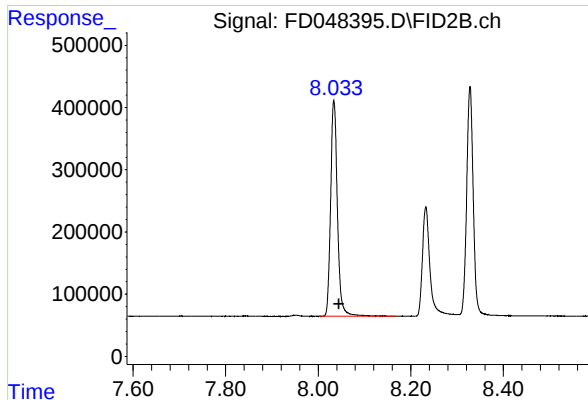
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.770 min
Delta R.T.: -0.009 min
Response: 3627856
Conc: 20.28 ug/ml



#4 2-Bromonaphthalene (SURR)

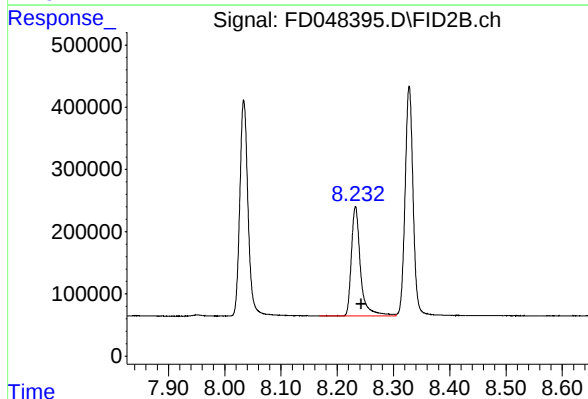
R.T.: 7.382 min
Delta R.T.: -0.010 min
Response: 3118075
Conc: 20.56 ug/ml



#5 Acenaphthylene (C15.06)

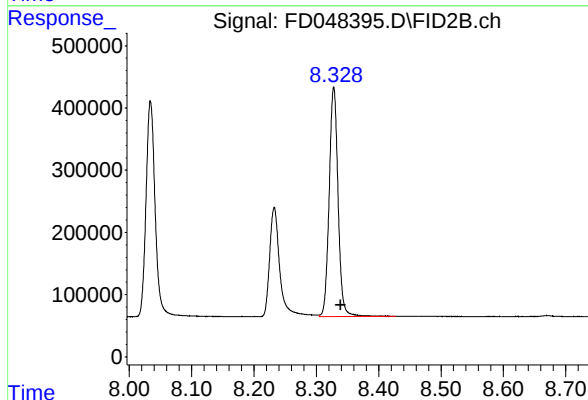
R.T.: 8.034 min
Delta R.T.: -0.011 min
Response: 3534242
Conc: 20.23 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



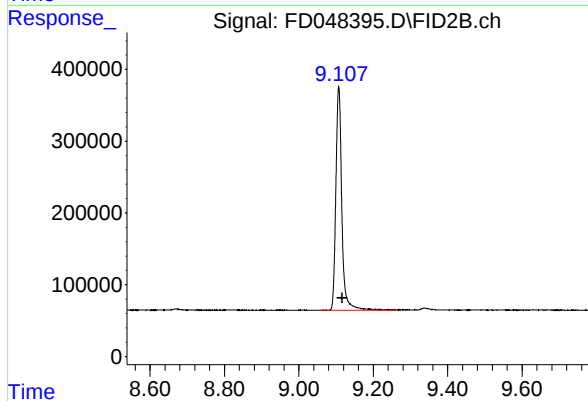
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: -0.010 min
Response: 1985021
Conc: 20.77 ug/ml



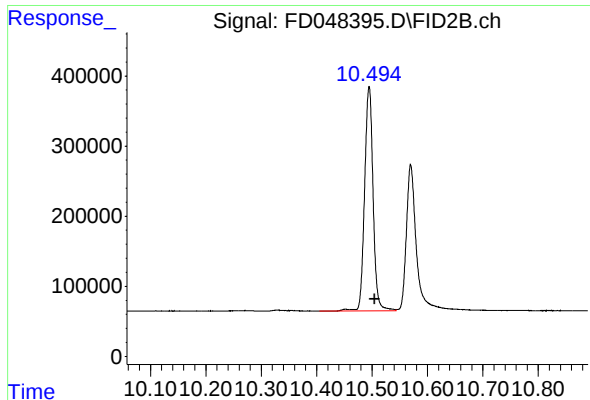
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: -0.011 min
Response: 3647728
Conc: 20.51 ug/ml



#8 Flouorene (C16.55)

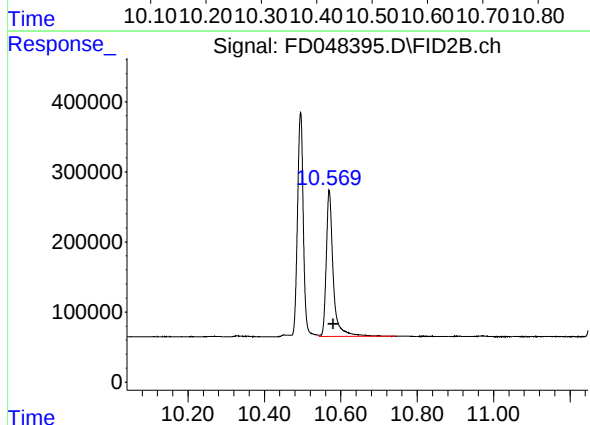
R.T.: 9.107 min
Delta R.T.: -0.010 min
Response: 3484644
Conc: 20.81 ug/ml



#9 Phenanthrene (C19.36)

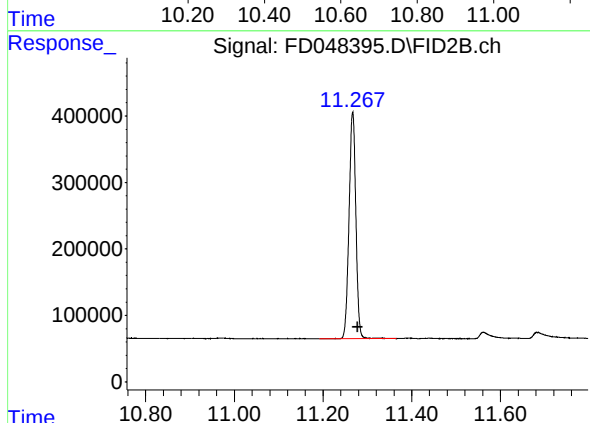
R.T.: 10.495 min
Delta R.T.: -0.010 min
Response: 3411085
Conc: 21.13 ug/ml

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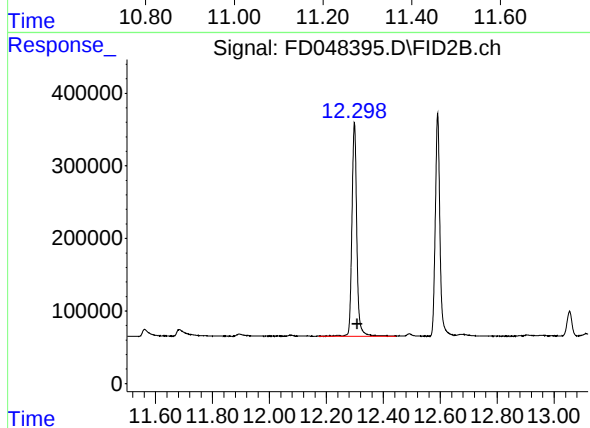
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: -0.010 min
Response: 2648875
Conc: 16.65 ug/ml



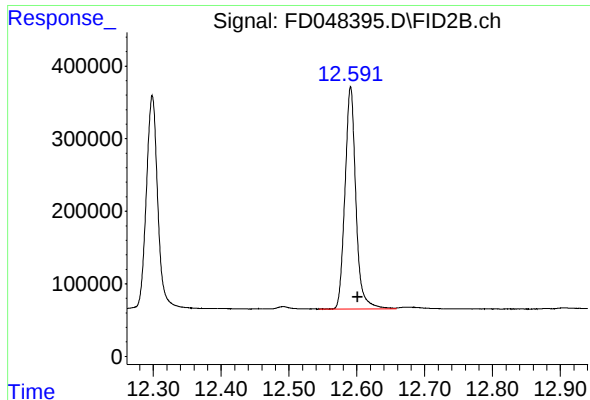
#11 ortho-Terphenyl (SURRE)

R.T.: 11.267 min
Delta R.T.: -0.011 min
Response: 3638853
Conc: 21.21 ug/ml



#12 Fluoranthene (C21.85)

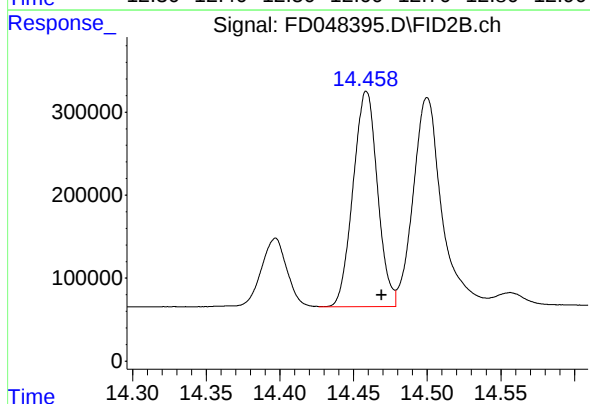
R.T.: 12.298 min
Delta R.T.: -0.010 min
Response: 3509215
Conc: 21.65 ug/ml



#13 Pyrene (C20.8)

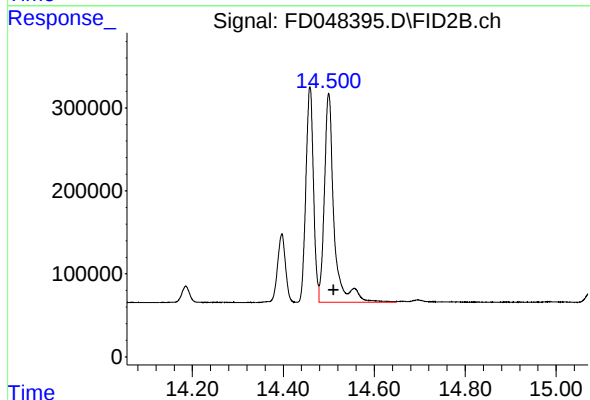
R.T.: 12.591 min
Delta R.T.: -0.011 min
Response: 3425435
Conc: 21.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



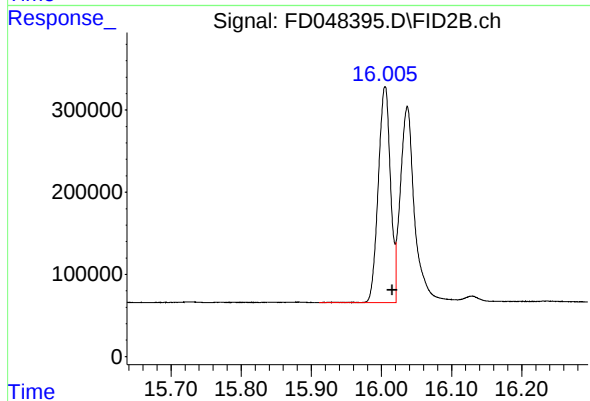
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.011 min
Response: 2999492
Conc: 21.41 ug/ml



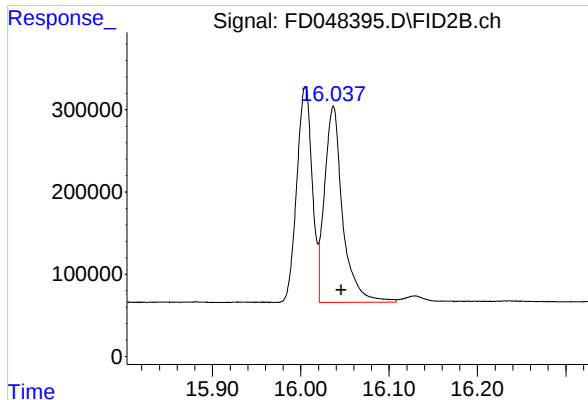
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: -0.011 min
Response: 3742799
Conc: 22.72 ug/ml



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

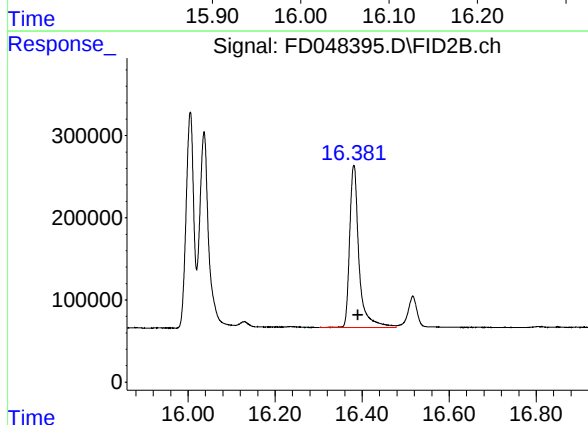
R.T.: 16.005 min
Delta R.T.: -0.011 min
Response: 3176423
Conc: 21.38 ug/ml



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

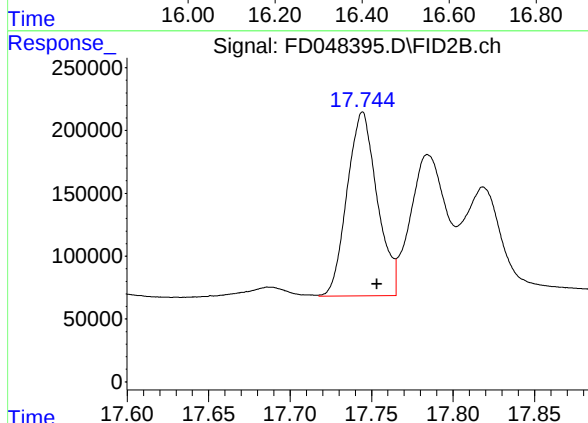
R.T.: 16.036 min
Delta R.T.: -0.010 min
Response: 3387977
Conc: 22.00 ug/ml

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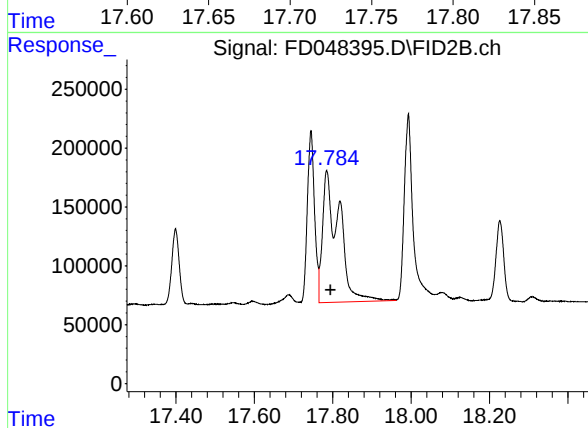
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.009 min
Response: 2956192
Conc: 19.98 ug/ml



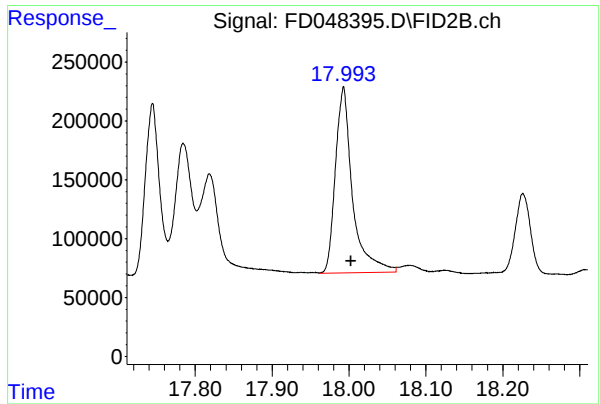
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: -0.009 min
Response: 1880426
Conc: 16.64 ug/ml



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

R.T.: 17.785 min
Delta R.T.: -0.009 min
Response: 3291453
Conc: 21.57 ug/ml



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

R.T.: 17.992 min
Delta R.T.: -0.010 min
Response: 2441374
Conc: 16.56 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD