

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047404.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 13:33
 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: Mar 22 03:24:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.453	3340054	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
6) S 2-Fluorobiphenyl (SURR)	8.304	2179676	20.485 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.97%
11) S ortho-Terphenyl (SURR)	11.337	3799503	20.359 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3572790	20.103 ug/ml
2) T Naphthalene (C11.7)	5.795	3675776	20.156 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	3696174	20.267 ug/ml
5) T Acenaphthylene (C15.06)	8.108	3343937	20.057 ug/ml
7) T Acenaphthene (C15.5)	8.402	3572856	20.279 ug/ml
8) T Flouorene (C16.55)	9.180	3427442	20.347 ug/ml
9) T Phenanthrene (C19.36)	10.567	3297983	20.364 ug/ml
10) T Anthracene (C19.43)	10.641	2897873	19.691 ug/ml
12) T Fluoranthene (C21.85)	12.367	3253322	20.407 ug/ml
13) T Pyrene (C20.8)	12.660	3150783	20.366 ug/ml
14) T Benzo[a]anthracene (C...	14.522	2774517	20.467 ug/ml
15) T Chrysene (C27.41)	14.564	3008361	20.266 ug/ml
16) T benzo[b]fluoranthene ...	16.063	2864271	20.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.095	2892932	20.429 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	2816709	20.391 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	2655272	21.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.835	2855283	21.652 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	2799837	20.838 ug/ml

(f)=RT Delta > 1/2 Window

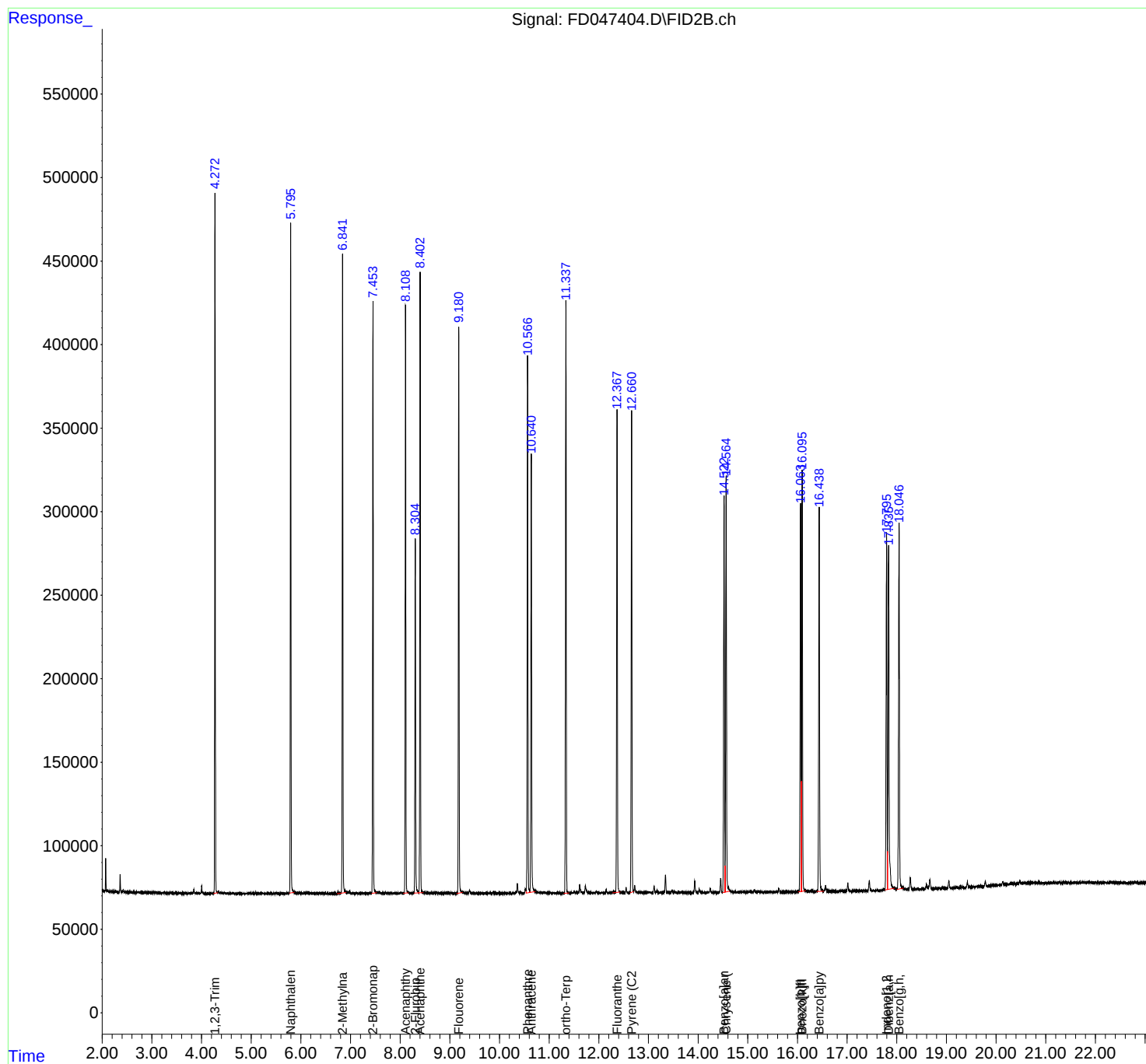
(m)=manual int.

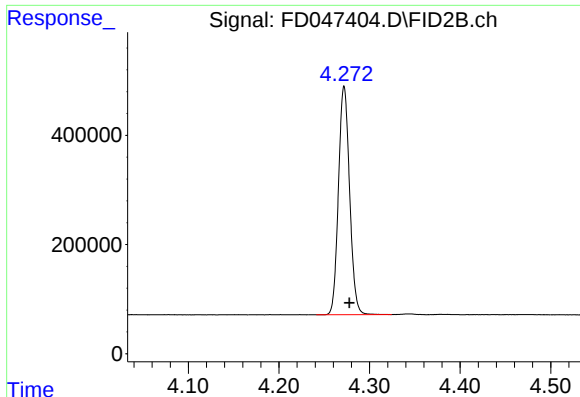
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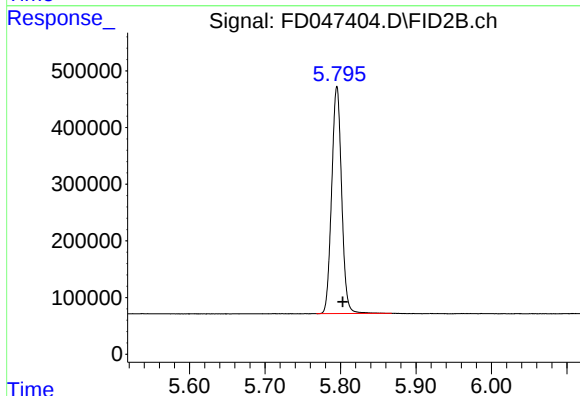




#1 1,2,3-Trimethylbenzene (C10.1)

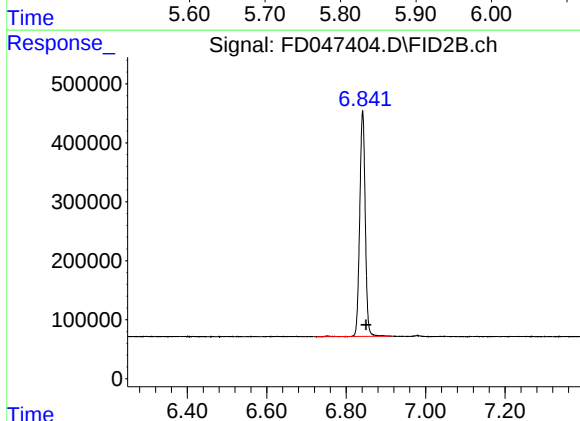
R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 3572790
Conc: 20.10 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



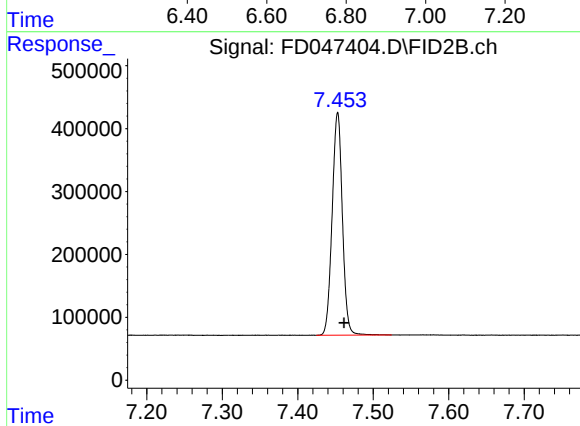
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 3675776
Conc: 20.16 ug/ml



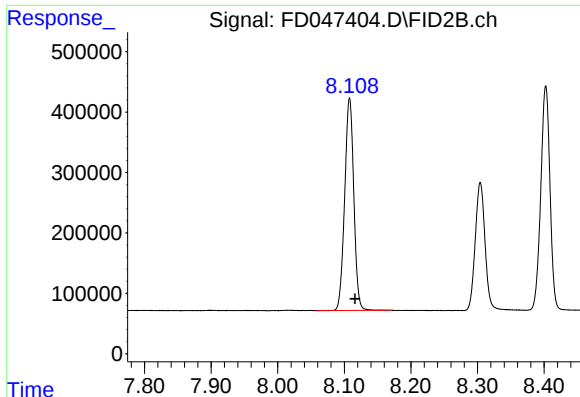
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 3696174
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

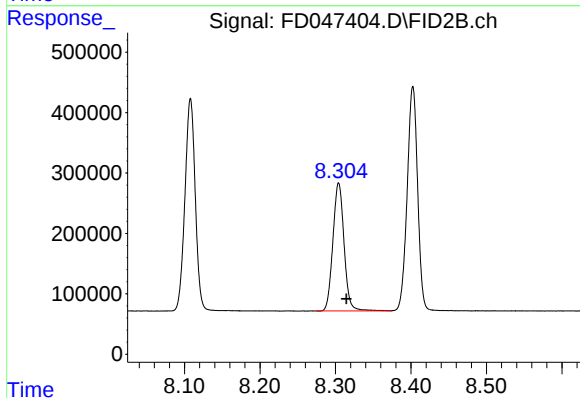
R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 3340054
Conc: 20.22 ug/ml



#5 Acenaphthylene (C15.06)

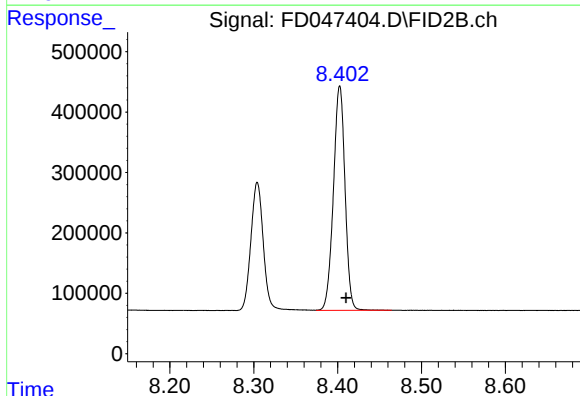
R.T.: 8.108 min
Delta R.T.: -0.008 min
Response: 3343937
Conc: 20.06 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



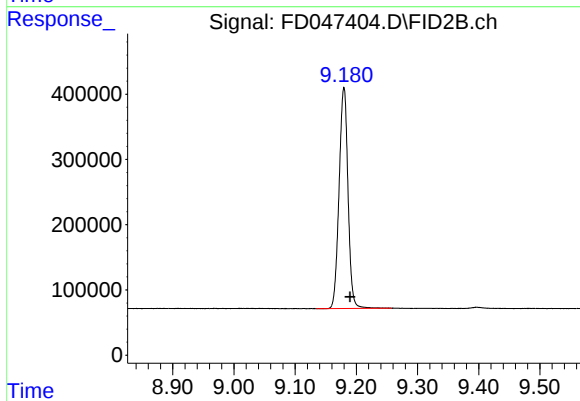
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.304 min
Delta R.T.: -0.010 min
Response: 2179676
Conc: 20.48 ug/ml



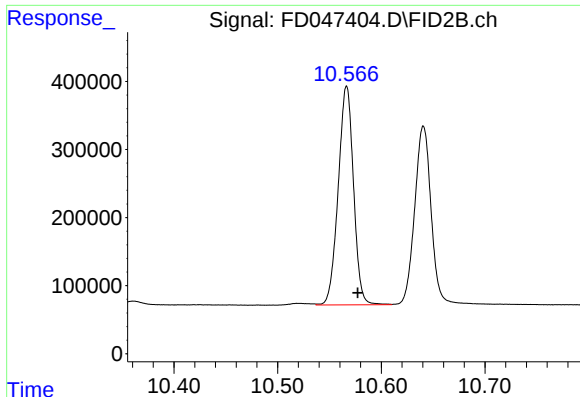
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
Delta R.T.: -0.008 min
Response: 3572856
Conc: 20.28 ug/ml



#8 Fluorene (C16.55)

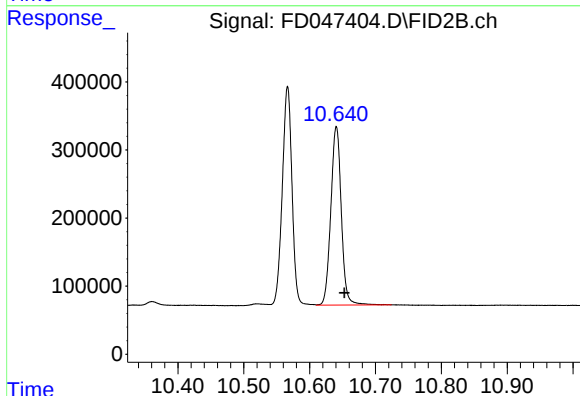
R.T.: 9.180 min
Delta R.T.: -0.010 min
Response: 3427442
Conc: 20.35 ug/ml



#9 Phenanthrene (C19.36)

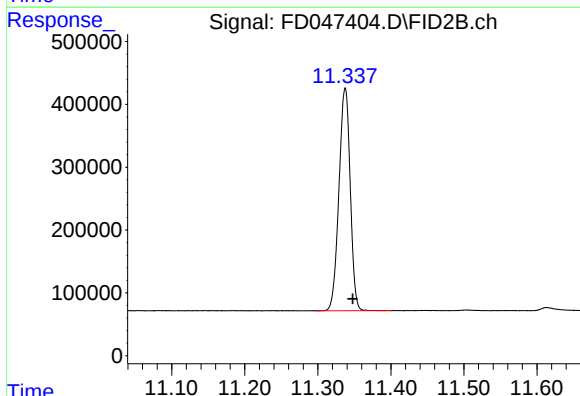
R.T.: 10.567 min
Delta R.T.: -0.011 min
Response: 3297983
Conc: 20.36 ug/ml

Instrument :
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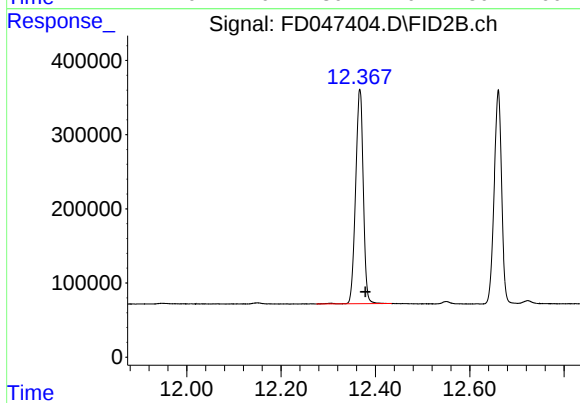
#10 Anthracene (C19.43)

R.T.: 10.641 min
Delta R.T.: -0.012 min
Response: 2897873
Conc: 19.69 ug/ml



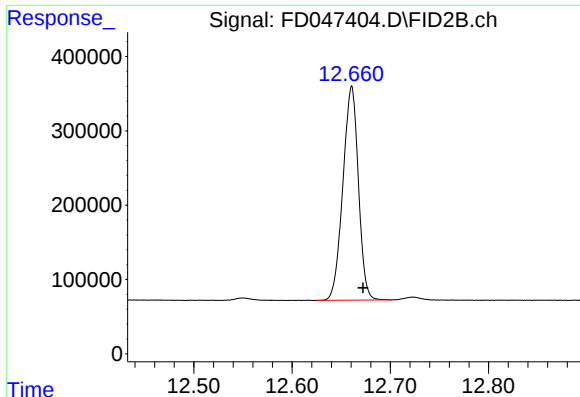
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.011 min
Response: 3799503
Conc: 20.36 ug/ml



#12 Fluoranthene (C21.85)

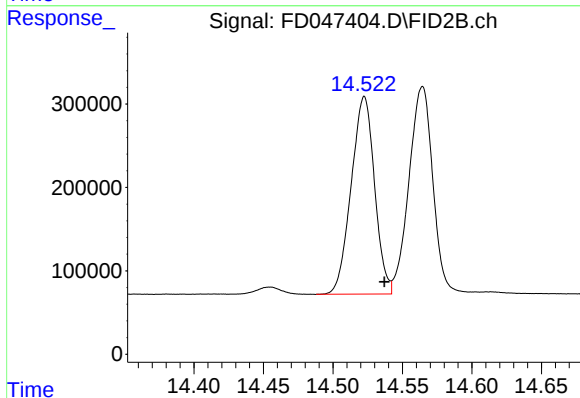
R.T.: 12.367 min
Delta R.T.: -0.012 min
Response: 3253322
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

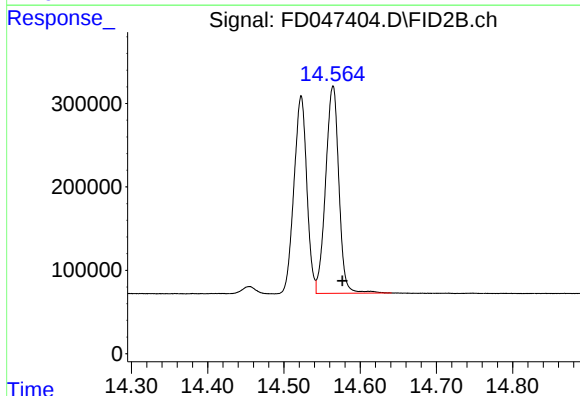
R.T.: 12.660 min
Delta R.T.: -0.012 min
Response: 3150783
Conc: 20.37 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



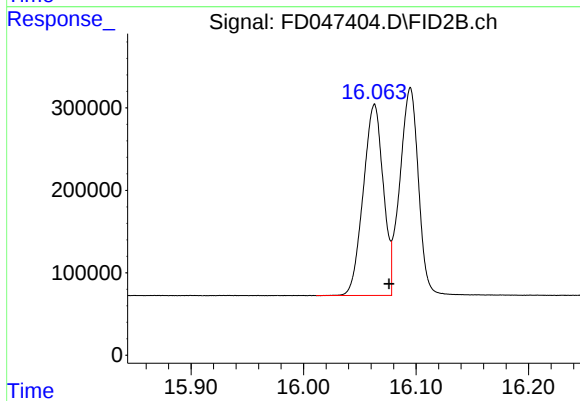
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: -0.015 min
Response: 2774517
Conc: 20.47 ug/ml



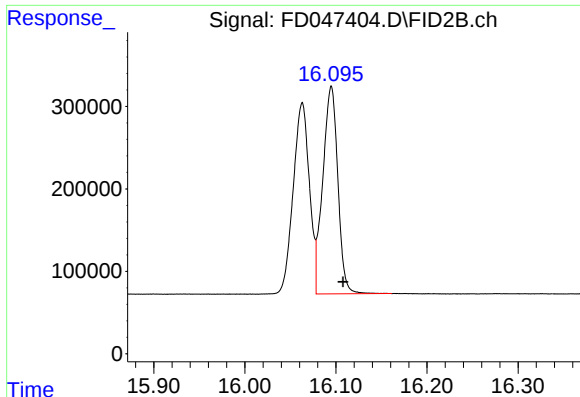
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: -0.013 min
Response: 3008361
Conc: 20.27 ug/ml



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

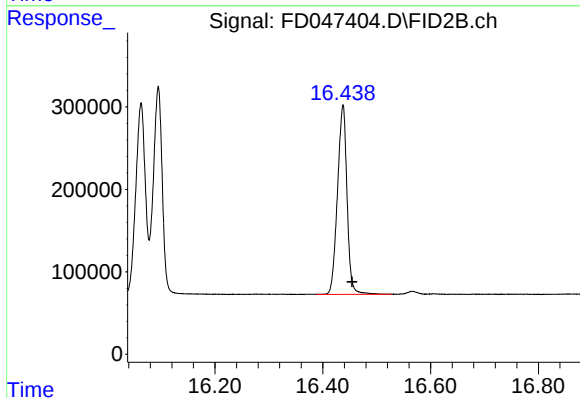
R.T.: 16.063 min
Delta R.T.: -0.013 min
Response: 2864271
Conc: 20.40 ug/ml



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

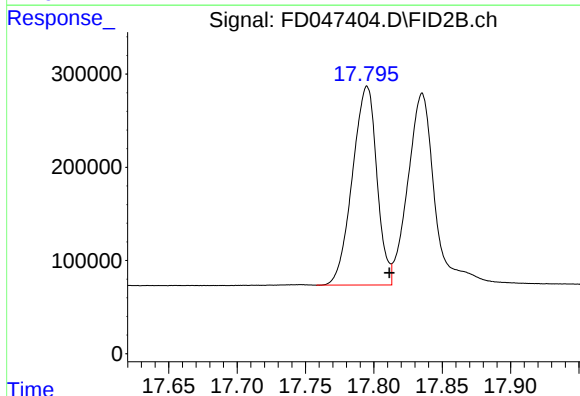
R.T.: 16.095 min
Delta R.T.: -0.013 min
Response: 2892932
Conc: 20.43 ug/ml

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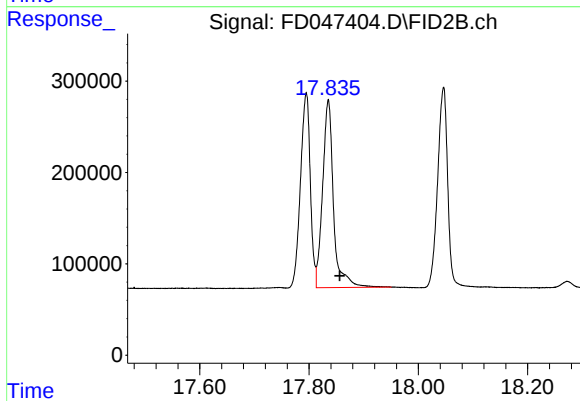
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: -0.017 min
Response: 2816709
Conc: 20.39 ug/ml



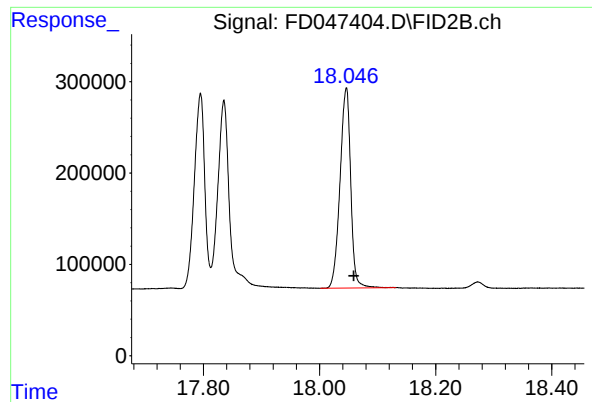
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.017 min
Response: 2655272
Conc: 21.25 ug/ml



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

R.T.: 17.835 min
Delta R.T.: -0.021 min
Response: 2855283
Conc: 21.65 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.013 min
Response: 2799837
Conc: 20.84 ug/ml

Instrument :

FID_D

ClientSampleId :

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