

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031924AR\
 Data File : FD047401.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2024 09:56
 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 20 11:36:16 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...	7.454	3339248	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
6) S 2-Fluorobiphenyl (SURR)	8.306	2203048	20.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.41%
11) S ortho-Terphenyl (SURR)	11.339	3807619	20.403 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3560478	20.034 ug/ml
2) T Naphthalene (C11.7)	5.796	3667883	20.112 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	3674618	20.148 ug/ml
5) T Acenaphthylene (C15.06)	8.109	3355810	20.128 ug/ml
7) T Acenaphthene (C15.5)	8.404	3570364	20.265 ug/ml
8) T Flouorene (C16.55)	9.182	3446257	20.459 ug/ml
9) T Phenanthrene (C19.36)	10.568	3355280	20.718 ug/ml
10) T Anthracene (C19.43)	10.643	2990947	20.323 ug/ml
12) T Fluoranthene (C21.85)	12.369	3314907	20.793 ug/ml
13) T Pyrene (C20.8)	12.662	3201670	20.695 ug/ml
14) T Benzo[a]anthracene (C...	14.524	2866973	21.149 ug/ml
15) T Chrysene (C27.41)	14.566	3074789	20.713 ug/ml
16) T benzo[b]fluoranthene ...	16.066	2953253	21.037 ug/ml
17) T Bnezo[k]fluoranthene ...	16.097	2954466	20.863 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.440	2906301	21.039 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	2780508	22.247 ug/ml
20) T Dibenz[a,h]anthracene...	17.838	2923798	22.171 ug/ml
21) T Benzo[g,h,i]perylene ...	18.049	2886879	21.486 ug/ml

(f)=RT Delta > 1/2 Window

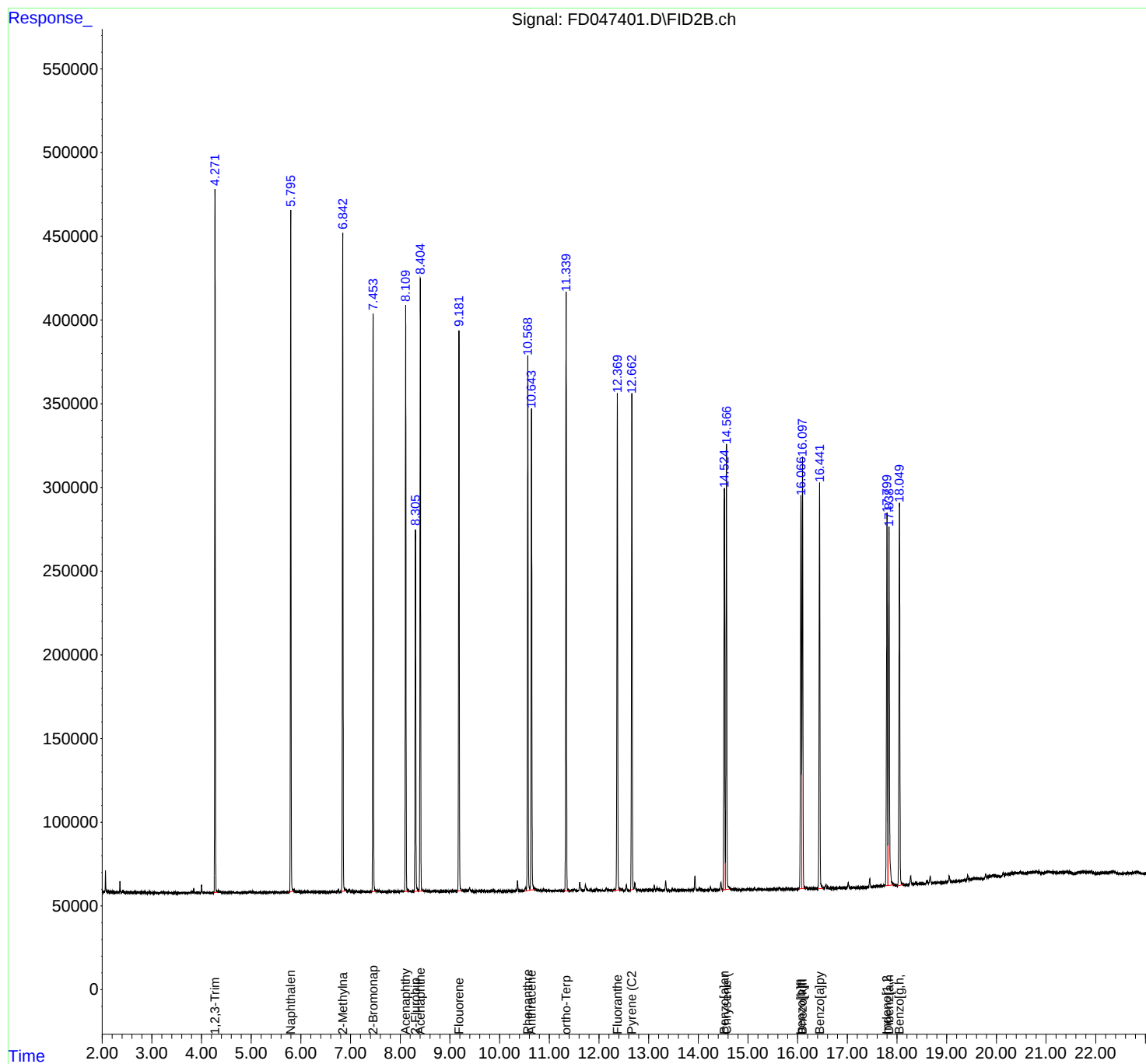
(m)=manual int.

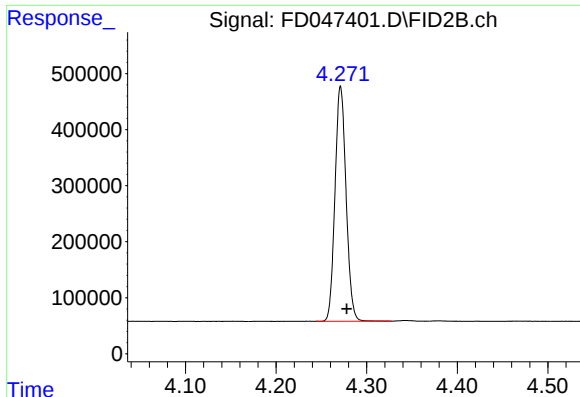
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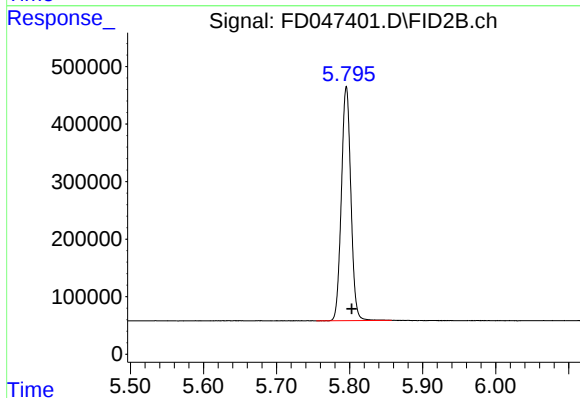




#1 1,2,3-Trimethylbenzene (C10.1)

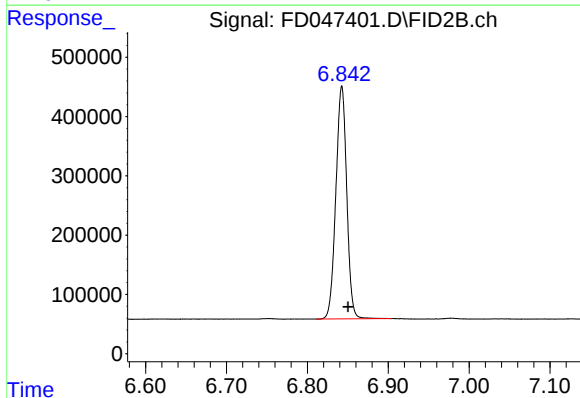
R.T.: 4.271 min
Delta R.T.: -0.007 min
Response: 3560478
Conc: 20.03 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



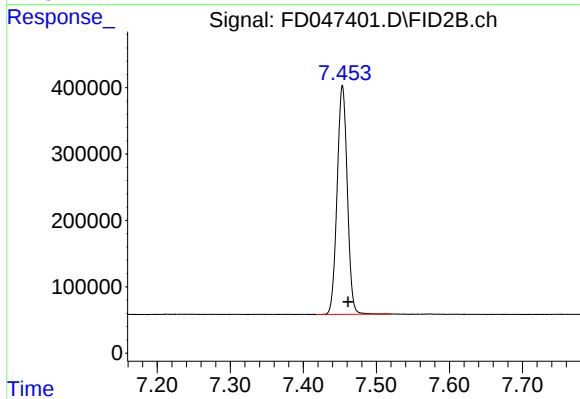
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.007 min
Response: 3667883
Conc: 20.11 ug/ml



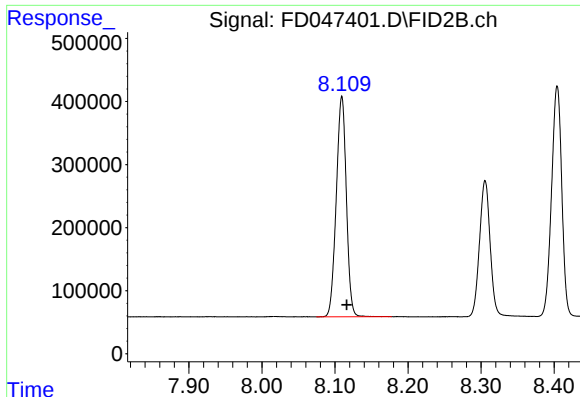
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.008 min
Response: 3674618
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

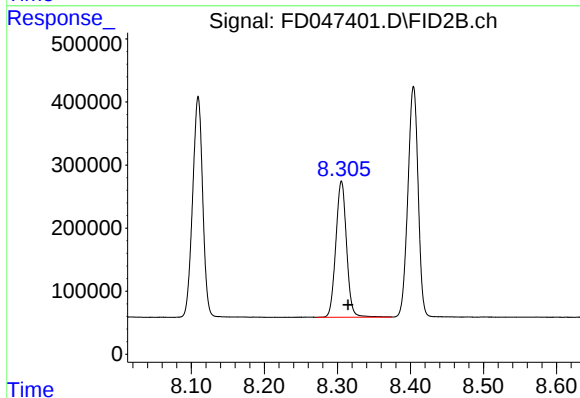
R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 3339248
Conc: 20.22 ug/ml



#5 Acenaphthylene (C15.06)

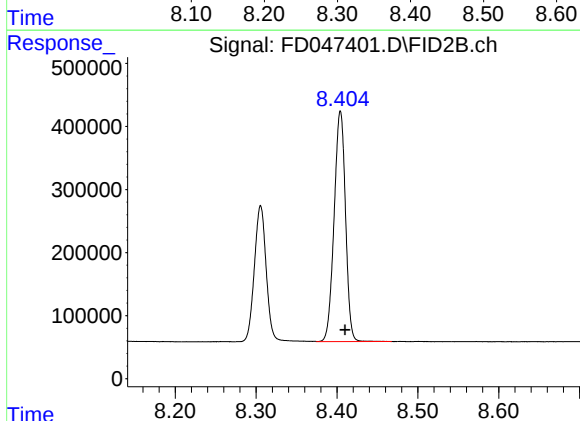
R.T.: 8.109 min
Delta R.T.: -0.007 min
Response: 3355810
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



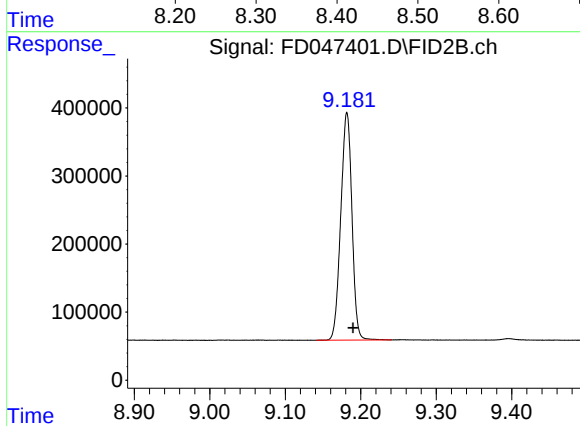
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 2203048
Conc: 20.70 ug/ml



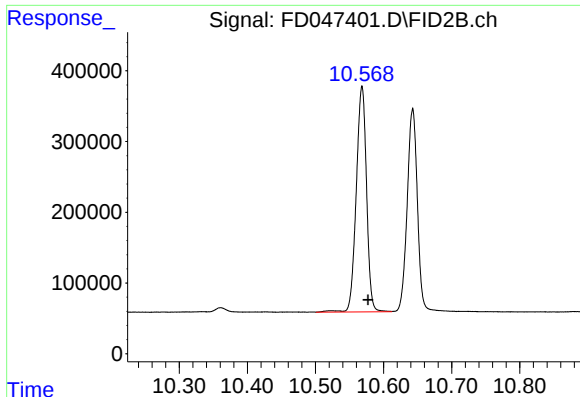
#7 Acenaphthene (C15.5)

R.T.: 8.404 min
Delta R.T.: -0.006 min
Response: 3570364
Conc: 20.27 ug/ml



#8 Flouorene (C16.55)

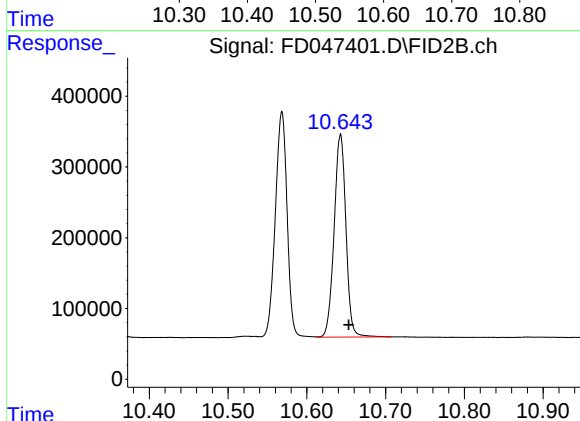
R.T.: 9.182 min
Delta R.T.: -0.008 min
Response: 3446257
Conc: 20.46 ug/ml



#9 Phenanthrene (C19.36)

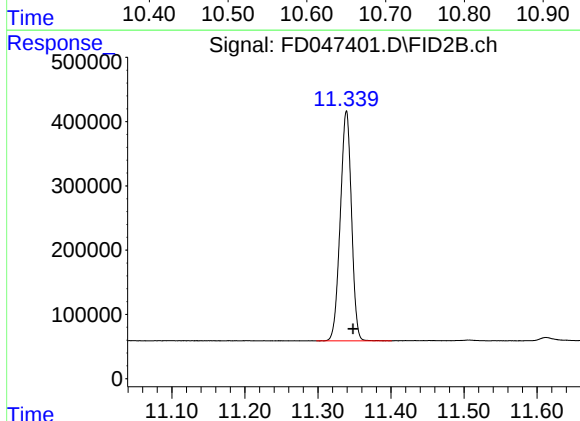
R.T.: 10.568 min
Delta R.T.: -0.009 min
Response: 3355280
Conc: 20.72 ug/ml

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20 PPM AROMATIC HC STD



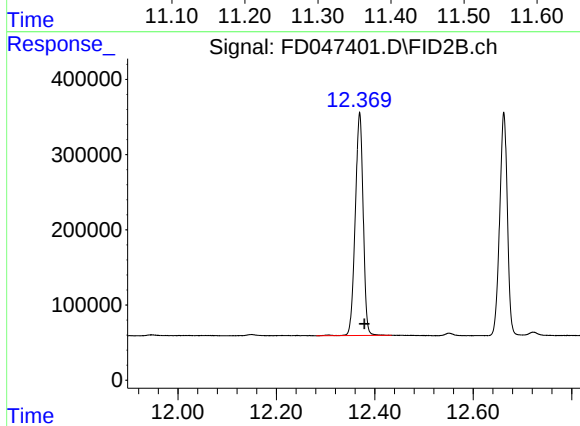
#10 Anthracene (C19.43)

R.T.: 10.643 min
Delta R.T.: -0.010 min
Response: 2990947
Conc: 20.32 ug/ml



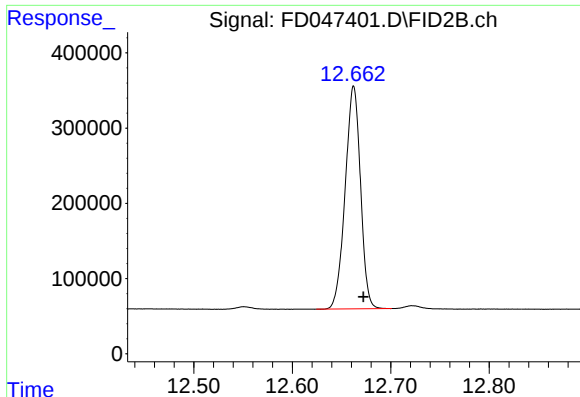
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: -0.009 min
Response: 3807619
Conc: 20.40 ug/ml



#12 Fluoranthene (C21.85)

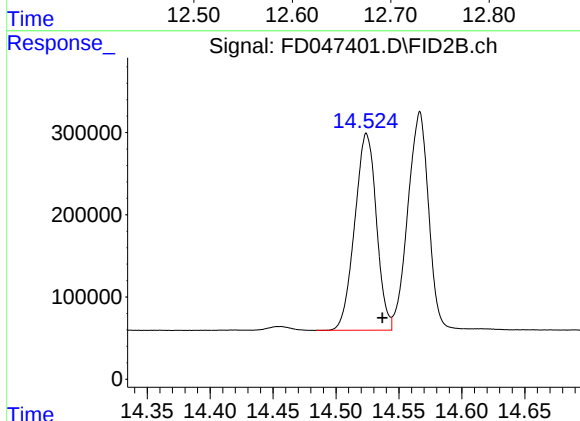
R.T.: 12.369 min
Delta R.T.: -0.009 min
Response: 3314907
Conc: 20.79 ug/ml



#13 Pyrene (C20.8)

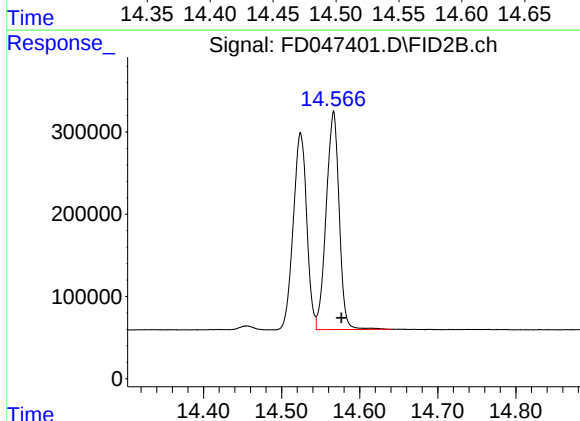
R.T.: 12.662 min
Delta R.T.: -0.010 min
Response: 3201670
Conc: 20.69 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



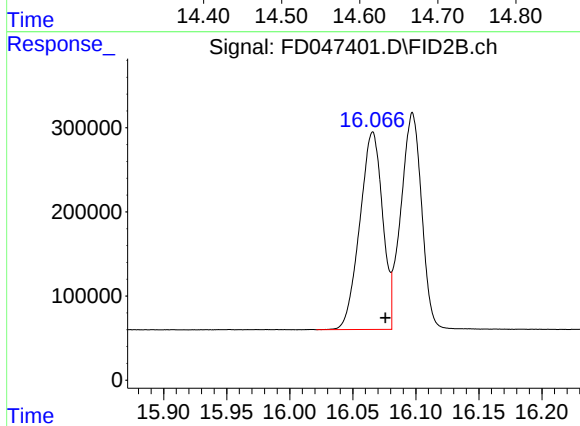
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.013 min
Response: 2866973
Conc: 21.15 ug/ml



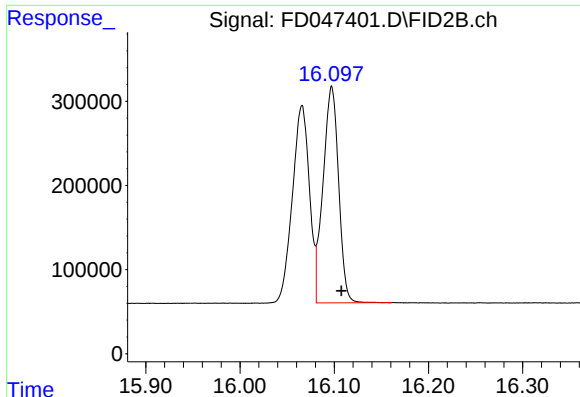
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: -0.010 min
Response: 3074789
Conc: 20.71 ug/ml



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

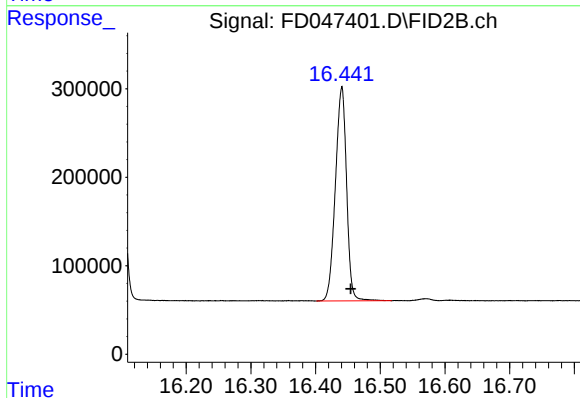
R.T.: 16.066 min
Delta R.T.: -0.010 min
Response: 2953253
Conc: 21.04 ug/ml



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

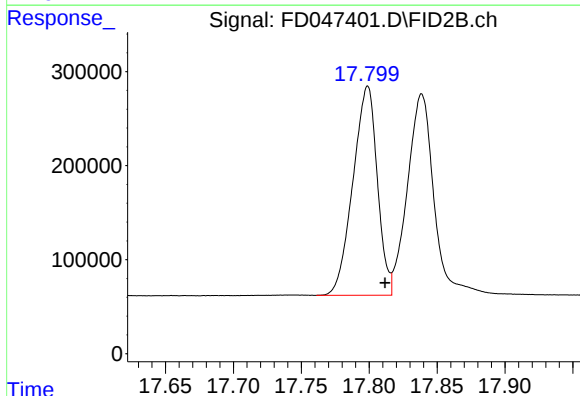
R.T.: 16.097 min
Delta R.T.: -0.011 min
Response: 2954466
Conc: 20.86 ug/ml

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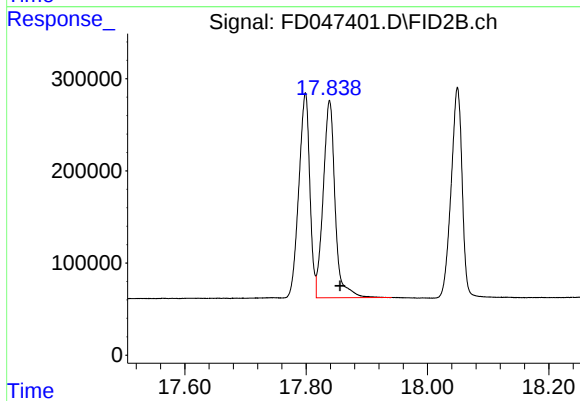
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.440 min
Delta R.T.: -0.014 min
Response: 2906301
Conc: 21.04 ug/ml



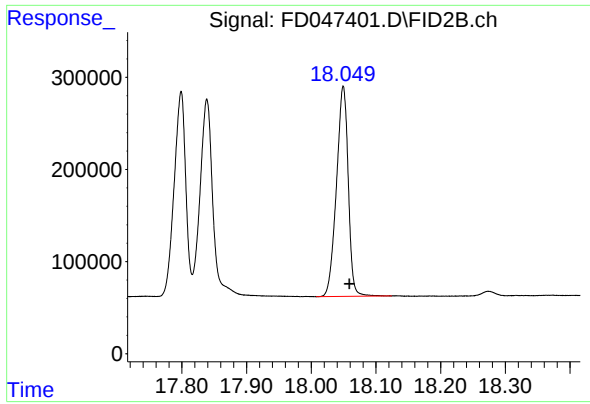
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.013 min
Response: 2780508
Conc: 22.25 ug/ml



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

R.T.: 17.838 min
Delta R.T.: -0.017 min
Response: 2923798
Conc: 22.17 ug/ml



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

R.T.: 18.049 min
Delta R.T.: -0.009 min
Response: 2886879
Conc: 21.49 ug/ml

Instrument :

FID_D

ClientSampleId :

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