

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048351.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 10:03
 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 21 02:14:14 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...	7.383	2915649	19.225 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
6) S 2-Fluorobiphenyl (SURR)	8.233	1904104	19.928 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.86%
11) S ortho-Terphenyl (SURR)	11.270	3377457	19.686 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	3326712	18.858 ug/ml
2) T Naphthalene (C11.7)	5.722	3432524	18.981 ug/ml
3) T 2-Methylnaphthalene (...)	6.770	3420573	19.119 ug/ml
5) T Acenaphthylene (C15.06)	8.036	3357036	19.214 ug/ml
7) T Acenaphthene (C15.5)	8.330	3415298	19.203 ug/ml
8) T Fluorene (C16.55)	9.109	3258863	19.462 ug/ml
9) T Phenanthrene (C19.36)	10.496	3194032	19.784 ug/ml
10) T Anthracene (C19.43)	10.572	2797047	17.577 ug/ml
12) T Fluoranthene (C21.85)	12.301	3227047	19.906 ug/ml
13) T Pyrene (C20.8)	12.594	3204308	19.985 ug/ml
14) T Benzo[a]anthracene (C...	14.462	2894758	20.665 ug/ml
15) T Chrysene (C27.41)	14.504	3057805	18.564 ug/ml
16) T benzo[b]fluoranthene ...	16.008	3059908	20.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	3060695	19.873 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	3016302	20.387 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	2535320	22.438 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	2683076	17.581 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	2935840	19.917 ug/ml

(f)=RT Delta > 1/2 Window

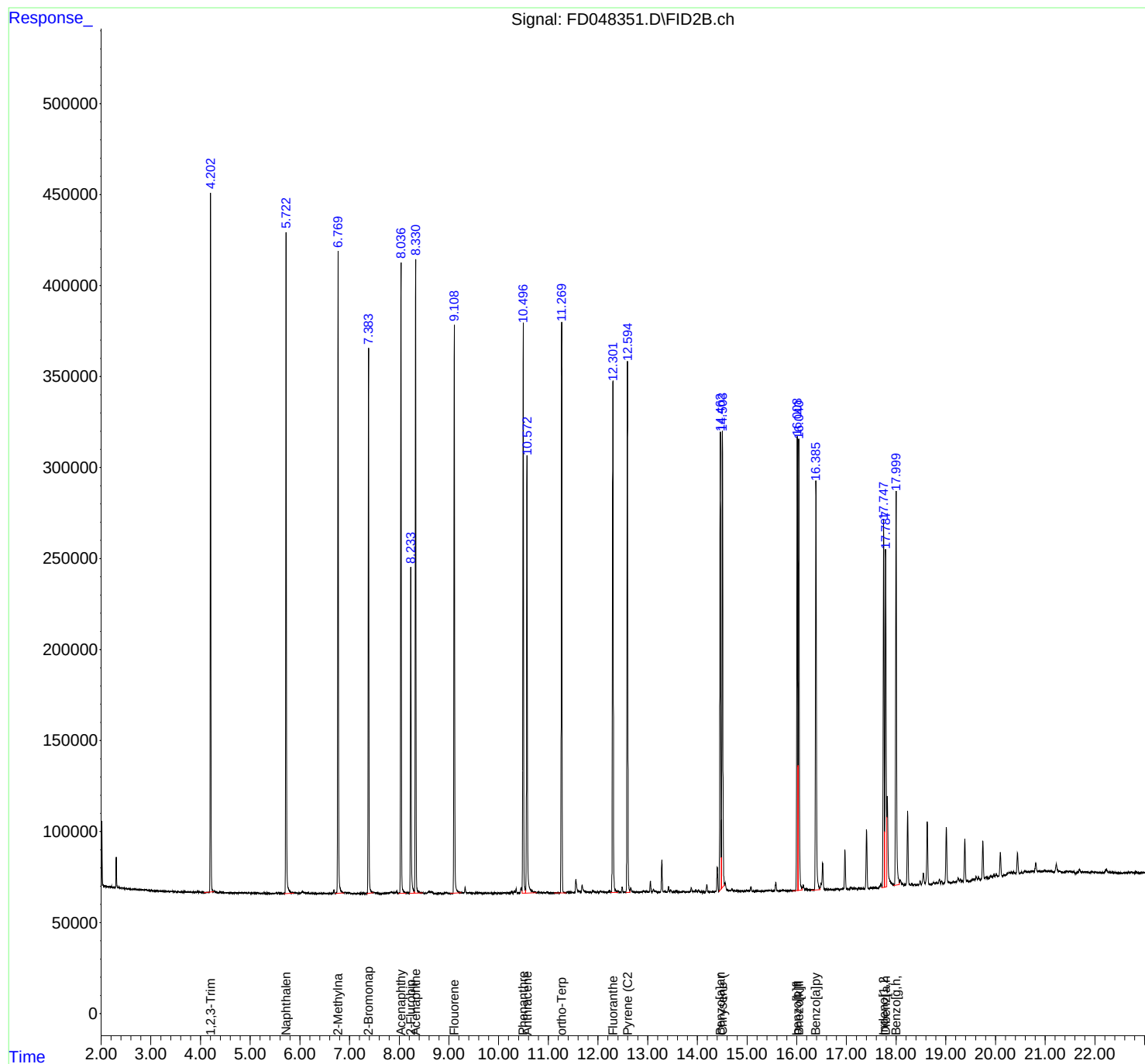
(m)=manual int.

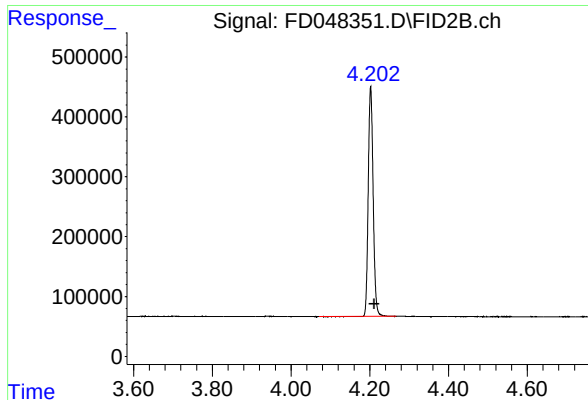
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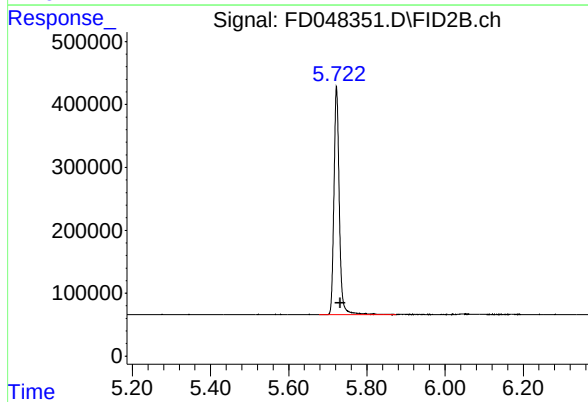




#1 1,2,3-Trimethylbenzene (C10.1)

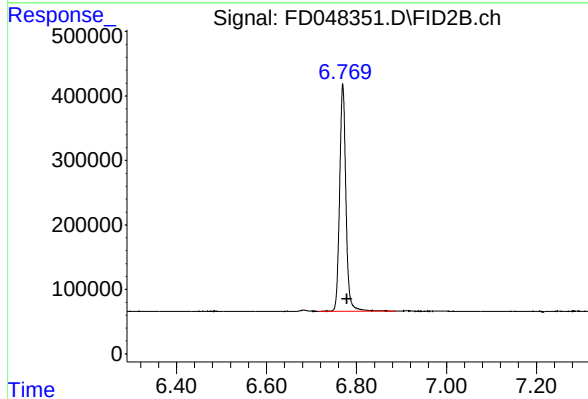
R.T.: 4.202 min
Delta R.T.: -0.010 min
Response: 3326712
Conc: 18.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



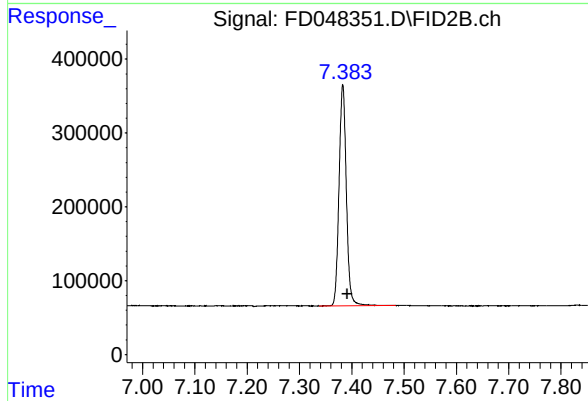
#2 Naphthalene (C11.7)

R.T.: 5.722 min
Delta R.T.: -0.010 min
Response: 3432524
Conc: 18.98 ug/ml



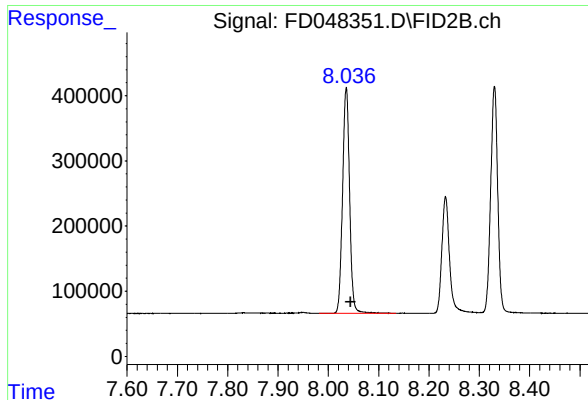
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.770 min
Delta R.T.: -0.009 min
Response: 3420573
Conc: 19.12 ug/ml



#4 2-Bromonaphthalene (SURR)

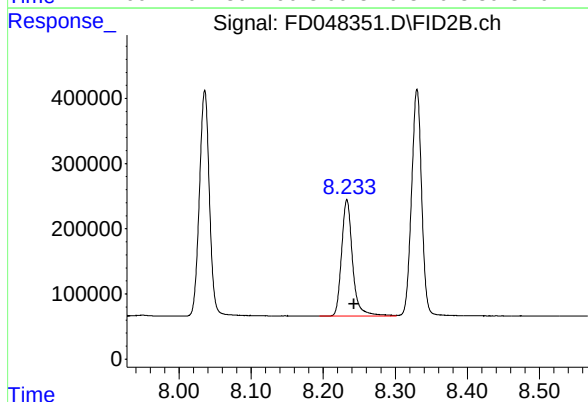
R.T.: 7.383 min
Delta R.T.: -0.009 min
Response: 2915649
Conc: 19.22 ug/ml



#5 Acenaphthylene (C15.06)

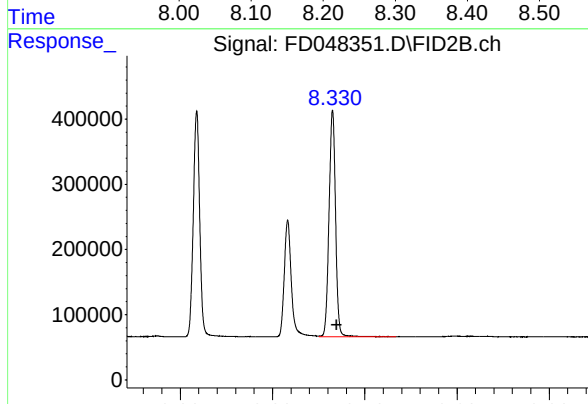
R.T.: 8.036 min
Delta R.T.: -0.009 min
Response: 3357036
Conc: 19.21 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



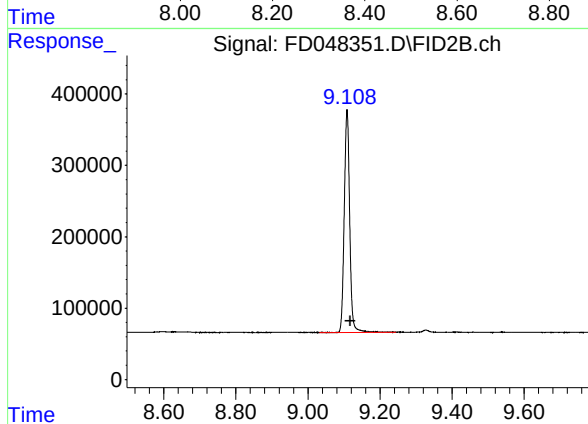
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: -0.010 min
Response: 1904104
Conc: 19.93 ug/ml



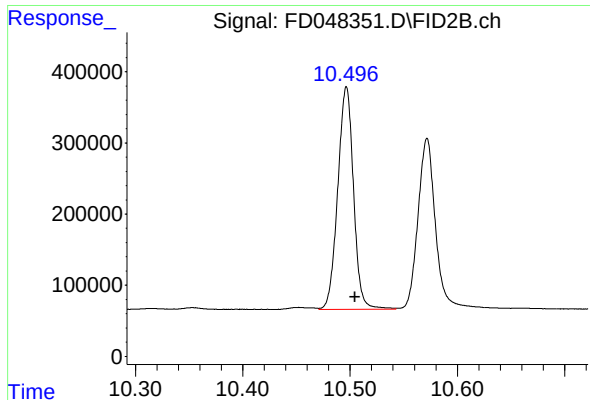
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: -0.009 min
Response: 3415298
Conc: 19.20 ug/ml



#8 Flouorene (C16.55)

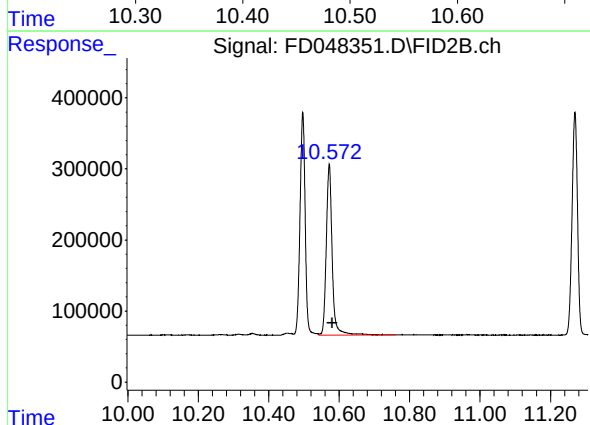
R.T.: 9.109 min
Delta R.T.: -0.009 min
Response: 3258863
Conc: 19.46 ug/ml



#9 Phenanthrene (C19.36)

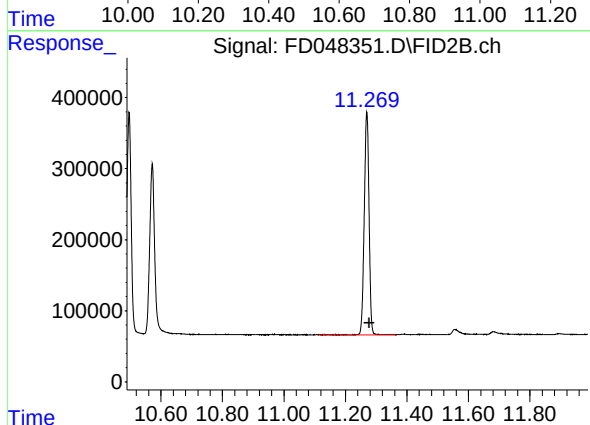
R.T.: 10.496 min
Delta R.T.: -0.008 min
Response: 3194032
Conc: 19.78 ug/ml

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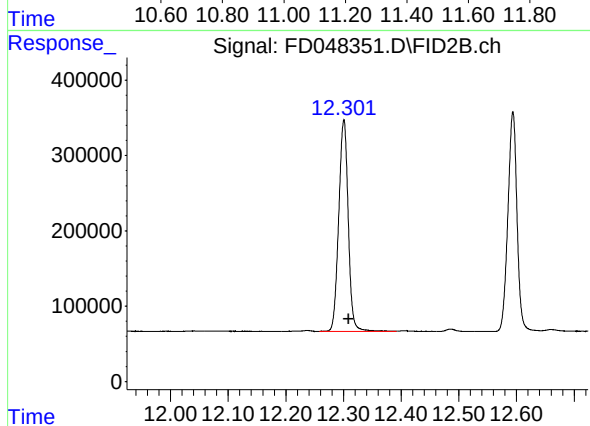
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.009 min
Response: 2797047
Conc: 17.58 ug/ml



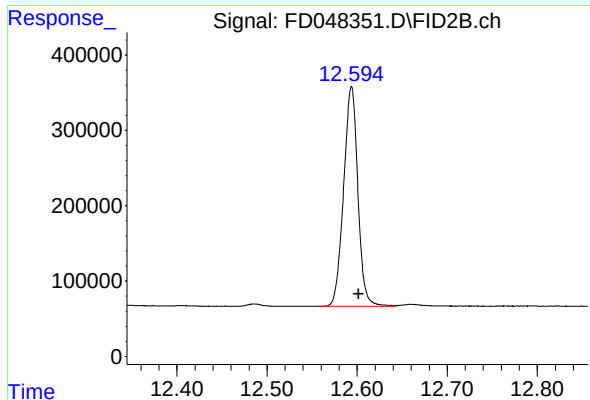
#11 ortho-Terphenyl (SURRE)

R.T.: 11.270 min
Delta R.T.: -0.008 min
Response: 3377457
Conc: 19.69 ug/ml



#12 Fluoranthene (C21.85)

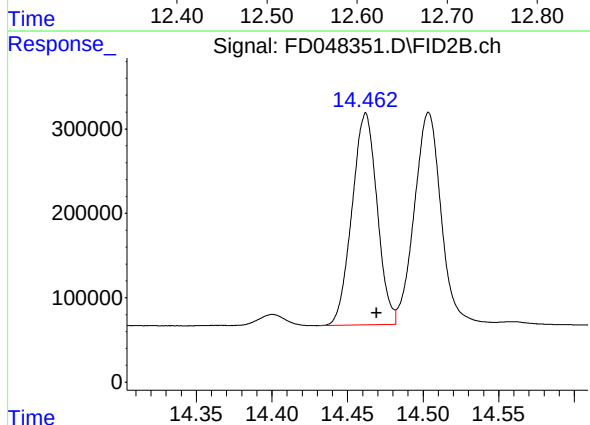
R.T.: 12.301 min
Delta R.T.: -0.008 min
Response: 3227047
Conc: 19.91 ug/ml



#13 Pyrene (C20.8)

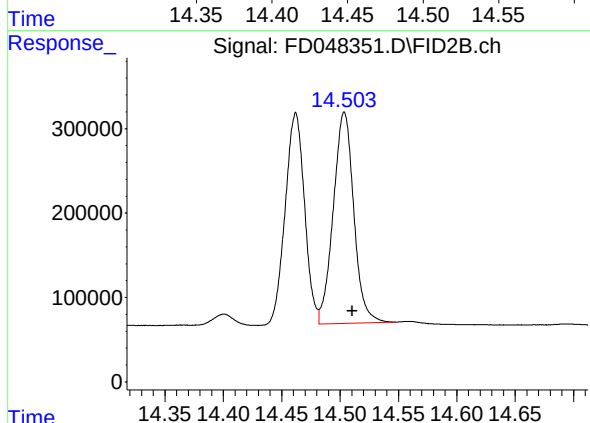
R.T.: 12.594 min
Delta R.T.: -0.008 min
Response: 3204308
Conc: 19.98 ug/ml

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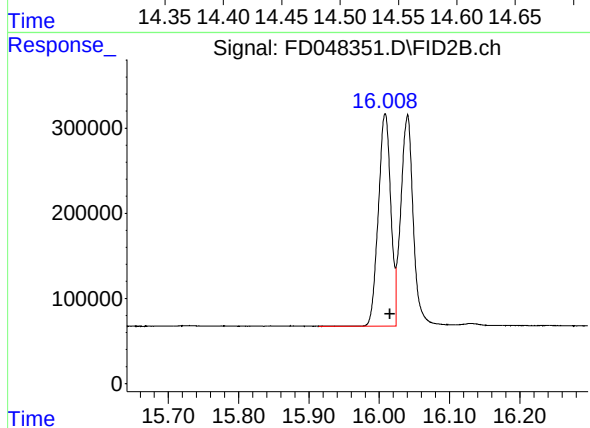
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: -0.007 min
Response: 2894758
Conc: 20.67 ug/ml



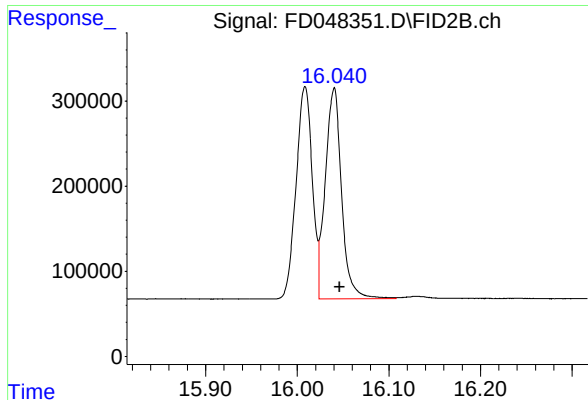
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: -0.007 min
Response: 3057805
Conc: 18.56 ug/ml



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

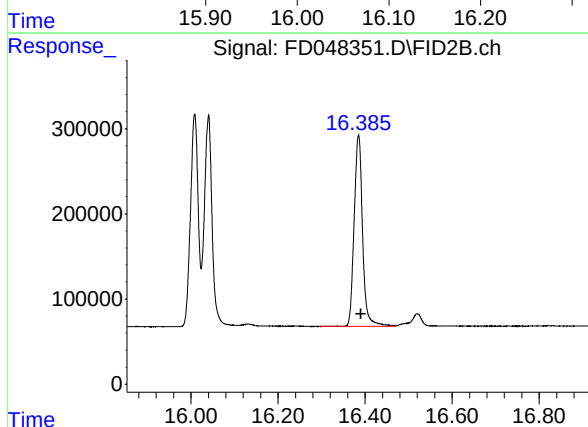
R.T.: 16.008 min
Delta R.T.: -0.007 min
Response: 3059908
Conc: 20.59 ug/ml



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

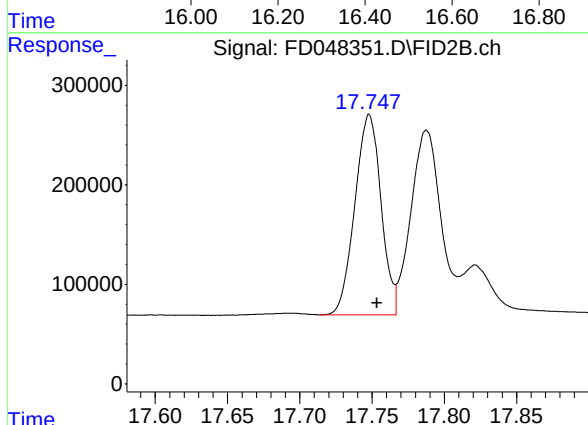
R.T.: 16.040 min
Delta R.T.: -0.006 min
Response: 3060695
Conc: 19.87 ug/ml

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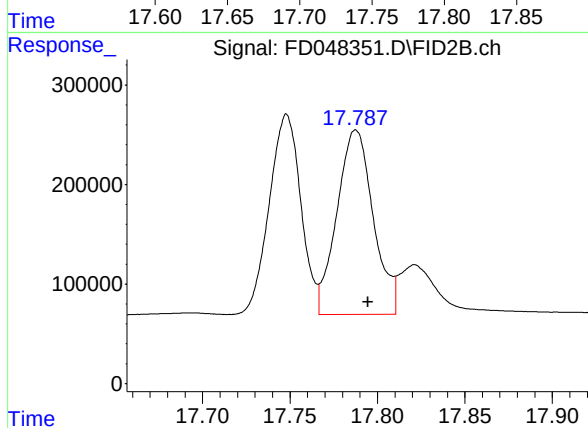
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.006 min
Response: 3016302
Conc: 20.39 ug/ml



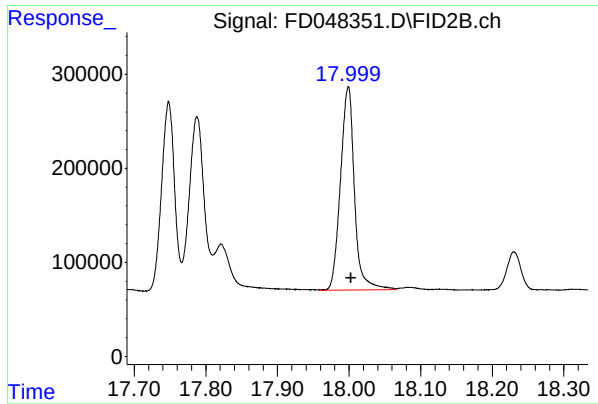
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.005 min
Response: 2535320
Conc: 22.44 ug/ml



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

R.T.: 17.788 min
Delta R.T.: -0.007 min
Response: 2683076
Conc: 17.58 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.004 min
Response: 2935840
Conc: 19.92 ug/ml

Instrument :

FID_D

ClientSampleId :

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