

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080223AR\
 Data File : FD046251.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2023 09:17
 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: Aug 03 12:52:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.501	3389960	22.678 ug/ml
Spiked Amount 50.000		Recovery =	45.36%
6) S 2-Fluorobiphenyl (SURR)	8.355	2107519	22.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.03%
11) S ortho-Terphenyl (SURR)	11.392	4019865	23.018 ug/ml
Spiked Amount 50.000		Recovery =	46.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	4156700	22.815 ug/ml
2) T Naphthalene (C11.7)	5.841	4100097	22.701 ug/ml
3) T 2-Methylnaphthalene (...)	6.890	3976020	22.591 ug/ml
5) T Acenaphthylene (C15.06)	8.159	3406520	22.327 ug/ml
7) T Acenaphthene (C15.5)	8.454	3683457	22.589 ug/ml
8) T Flouorene (C16.55)	9.233	3421980	22.489 ug/ml
9) T Phenanthrene (C19.36)	10.621	3202876	22.243 ug/ml
10) T Anthracene (C19.43)	10.695	2477023	18.927 ug/ml
12) T Fluoranthene (C21.85)	12.424	3136082	22.444 ug/ml
13) T Pyrene (C20.8)	12.719	3079215	22.217 ug/ml
14) T Benzo[a]anthracene (C...	14.582	2841185	21.645 ug/ml
15) T Chrysene (C27.41)	14.624	3057639	21.685 ug/ml
16) T benzo[b]fluoranthene ...	16.124	3060975	22.381 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	2994121	21.844 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2869858	22.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	2476573	20.591 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	2501507	19.559 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	2673781	21.075 ug/ml

(f)=RT Delta > 1/2 Window

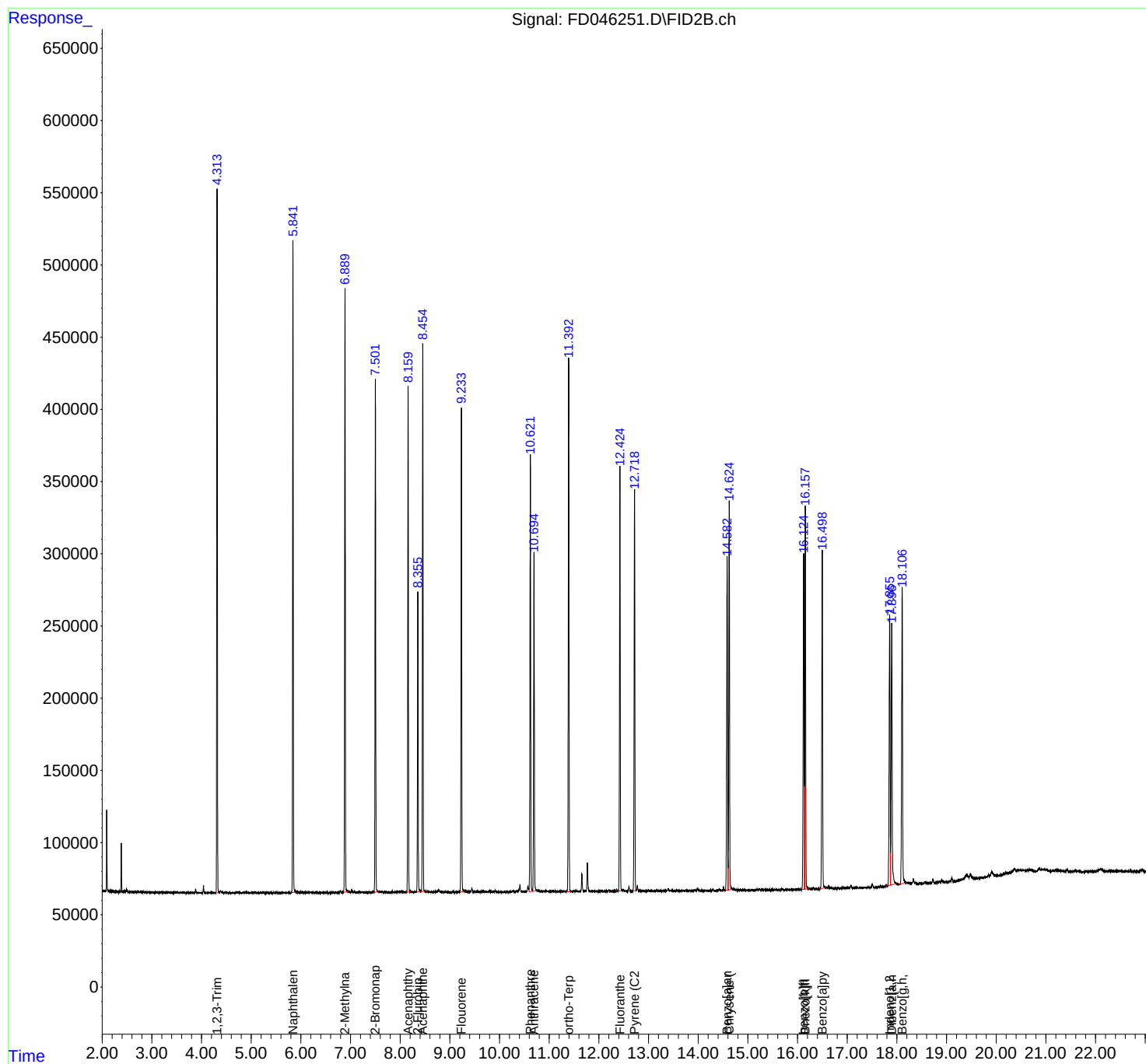
(m)=manual int.

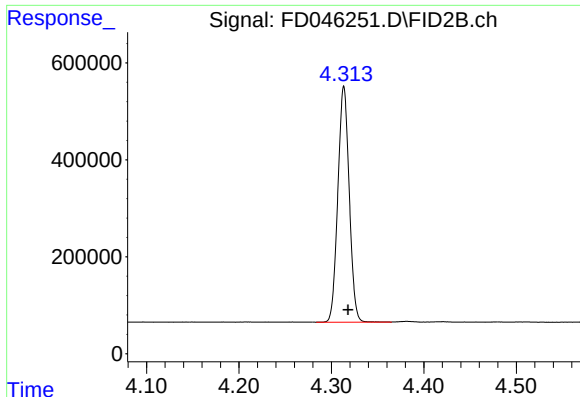
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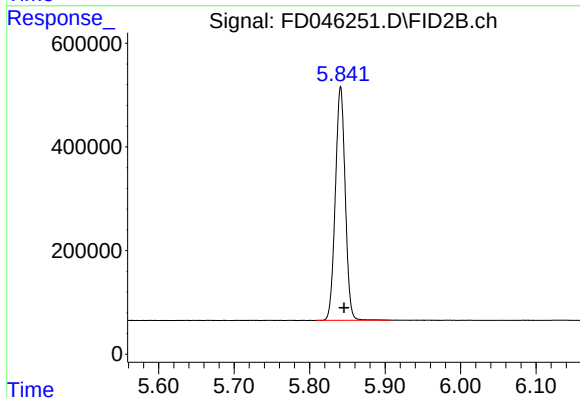




#1 1,2,3-Trimethylbenzene (C10.1)

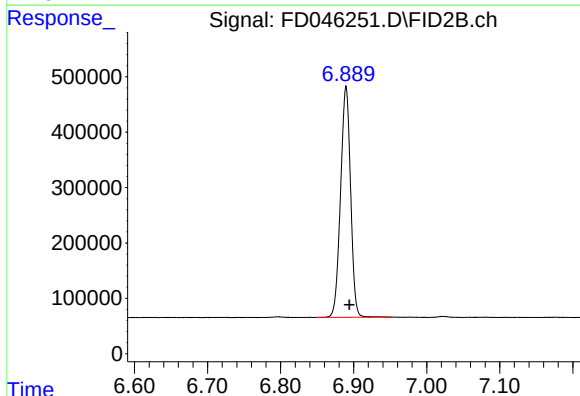
R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 4156700
Conc: 22.81 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



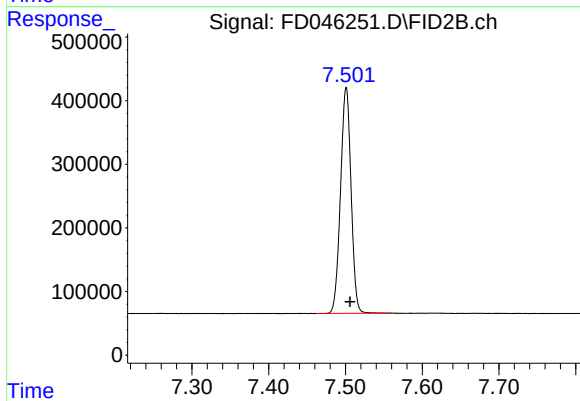
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 4100097
Conc: 22.70 ug/ml



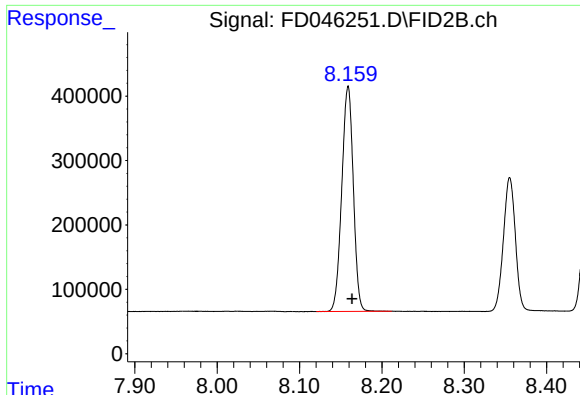
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 3976020
Conc: 22.59 ug/ml



#4 2-Bromonaphthalene (SURR)

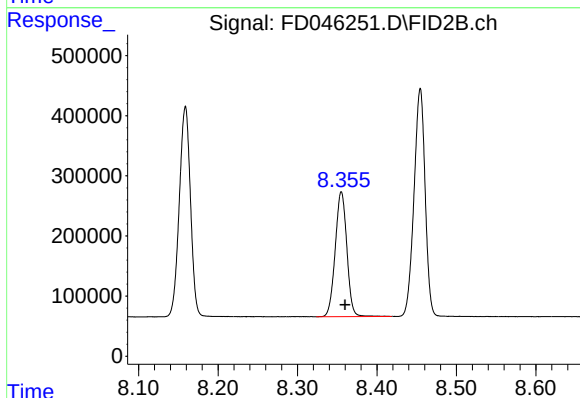
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 3389960
Conc: 22.68 ug/ml



#5 Acenaphthylene (C15.06)

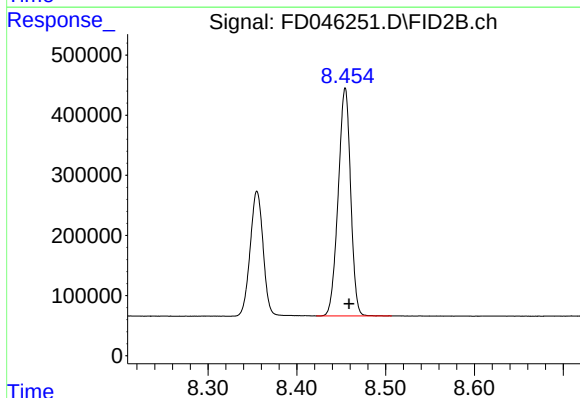
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 3406520
Conc: 22.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



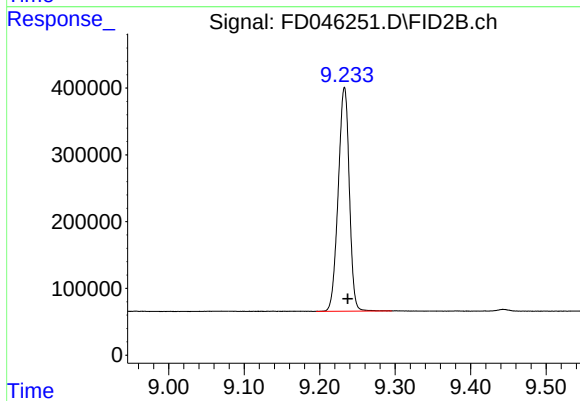
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 2107519
Conc: 22.51 ug/ml



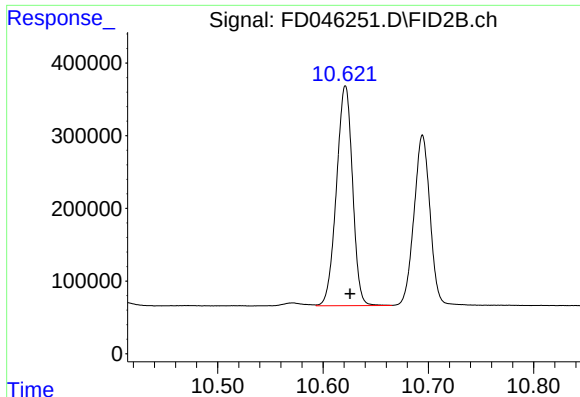
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.004 min
Response: 3683457
Conc: 22.59 ug/ml



#8 Fluorene (C16.55)

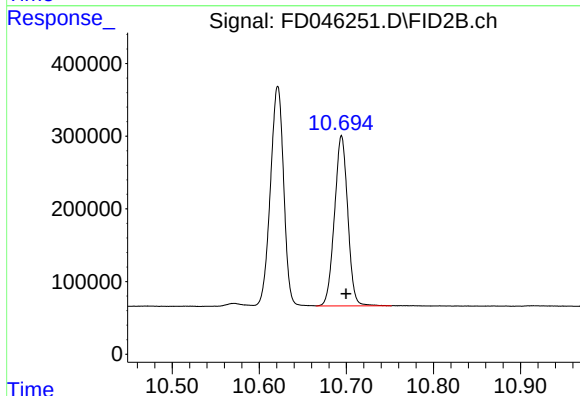
R.T.: 9.233 min
Delta R.T.: -0.004 min
Response: 3421980
Conc: 22.49 ug/ml



#9 Phenanthrene (C19.36)

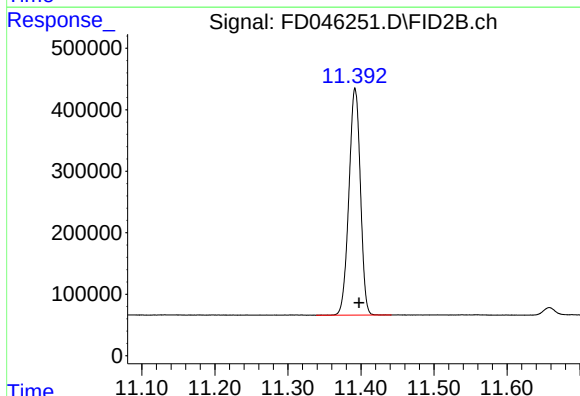
R.T.: 10.621 min
Delta R.T.: -0.005 min
Response: 3202876
Conc: 22.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



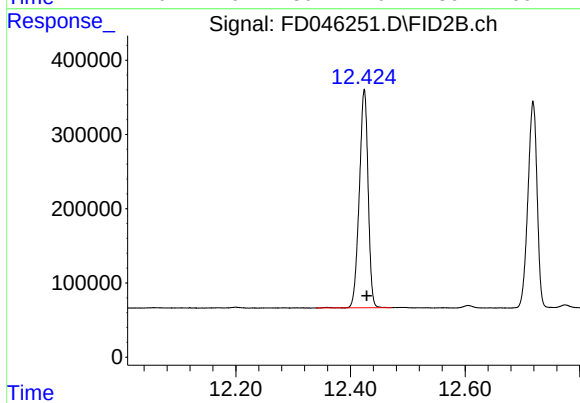
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: -0.005 min
Response: 2477023
Conc: 18.93 ug/ml



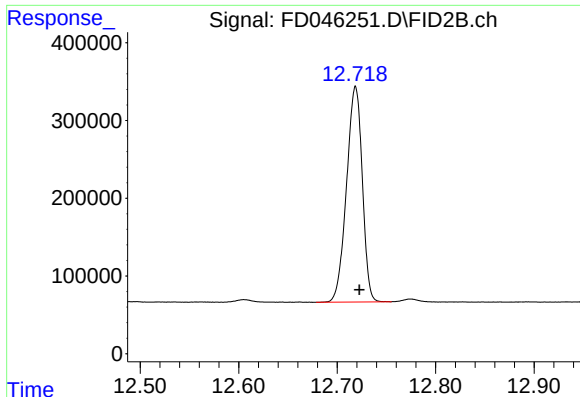
#11 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: -0.006 min
Response: 4019865
Conc: 23.02 ug/ml



#12 Fluoranthene (C21.85)

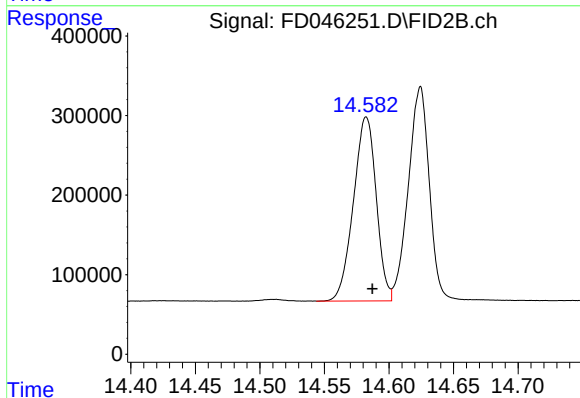
R.T.: 12.424 min
Delta R.T.: -0.004 min
Response: 3136082
Conc: 22.44 ug/ml



#13 Pyrene (C20.8)

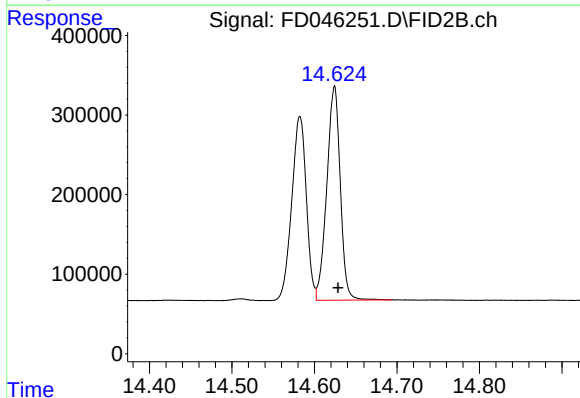
R.T.: 12.719 min
Delta R.T.: -0.004 min
Response: 3079215
Conc: 22.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



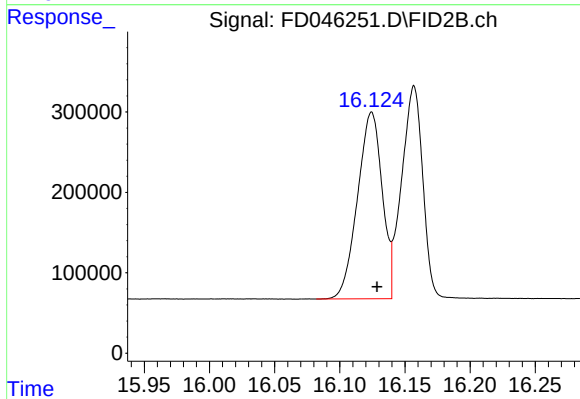
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.005 min
Response: 2841185
Conc: 21.65 ug/ml



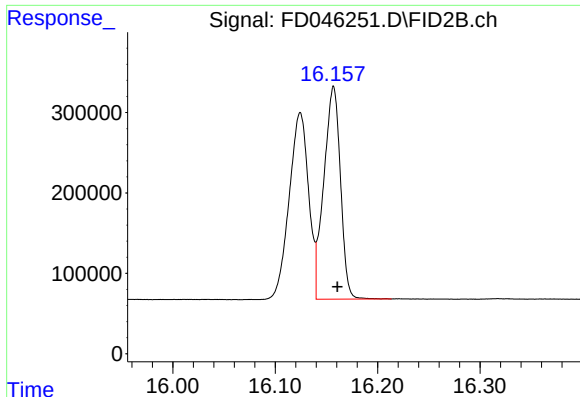
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.005 min
Response: 3057639
Conc: 21.69 ug/ml



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

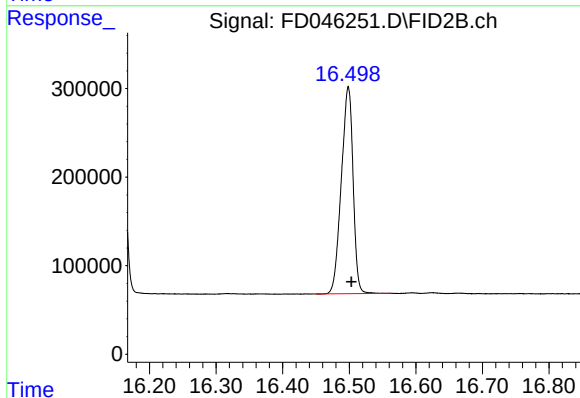
R.T.: 16.124 min
Delta R.T.: -0.004 min
Response: 3060975
Conc: 22.38 ug/ml



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

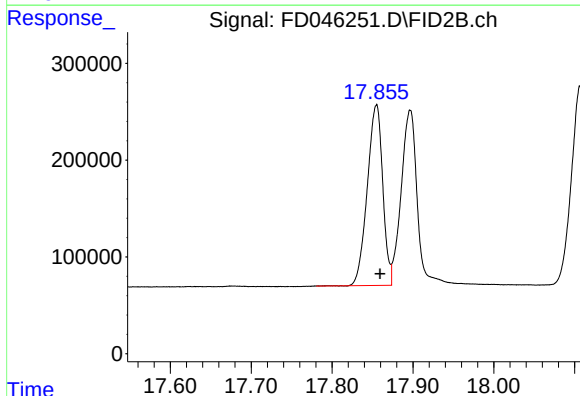
R.T.: 16.157 min
Delta R.T.: -0.004 min
Response: 2994121
Conc: 21.84 ug/ml

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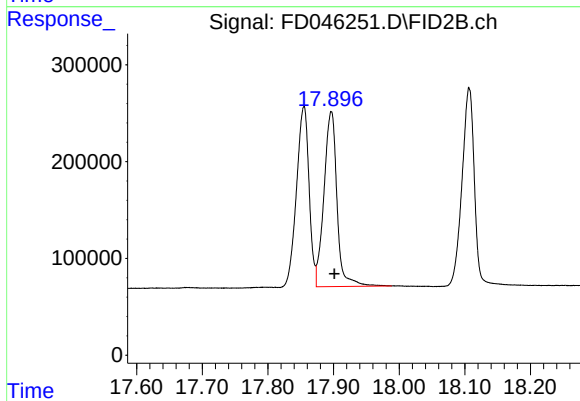
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.005 min
Response: 2869858
Conc: 22.04 ug/ml



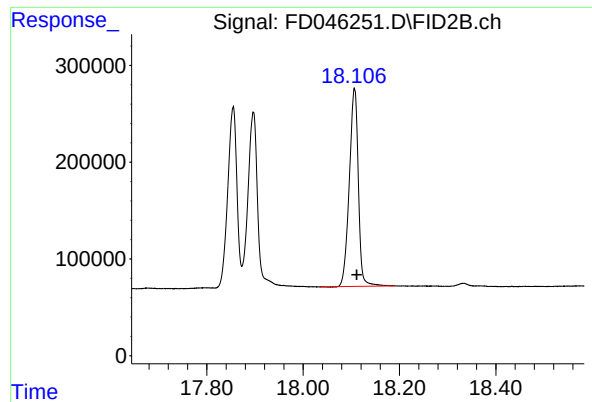
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: -0.005 min
Response: 2476573
Conc: 20.59 ug/ml



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

R.T.: 17.896 min
Delta R.T.: -0.005 min
Response: 2501507
Conc: 19.56 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.005 min
Response: 2673781
Conc: 21.08 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD