

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046332.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 11:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 16 23:46:55 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...	7.499	2824024	18.892 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
6) S 2-Fluorobiphenyl (SURR)	8.352	1866267	19.936 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.87%
11) S ortho-Terphenyl (SURR)	11.389	3635298	20.816 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	3142072	17.246 ug/ml
2) T Naphthalene (C11.7)	5.839	3282744	18.175 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	3286887	18.675 ug/ml
5) T Acenaphthylene (C15.06)	8.156	2983910	19.557 ug/ml
7) T Acenaphthene (C15.5)	8.451	3179651	19.500 ug/ml
8) T Fluorene (C16.55)	9.229	3099895	20.373 ug/ml
9) T Phenanthrene (C19.36)	10.618	3102816	21.548 ug/ml
10) T Anthracene (C19.43)	10.692	2790772	21.325 ug/ml
12) T Fluoranthene (C21.85)	12.420	3093147	22.136 ug/ml
13) T Pyrene (C20.8)	12.715	2980455	21.505 ug/ml
14) T Benzo[a]anthracene (C...	14.578	2681190	20.427 ug/ml
15) T Chrysene (C27.41)	14.620	2781009	19.723 ug/ml
16) T benzo[b]fluoranthene ...	16.120	2605136	19.048 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	2555070	18.641 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.494	2437685	18.724 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	2160275	17.961 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	2138592	16.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	2278759	17.962 ug/ml

(f)=RT Delta > 1/2 Window

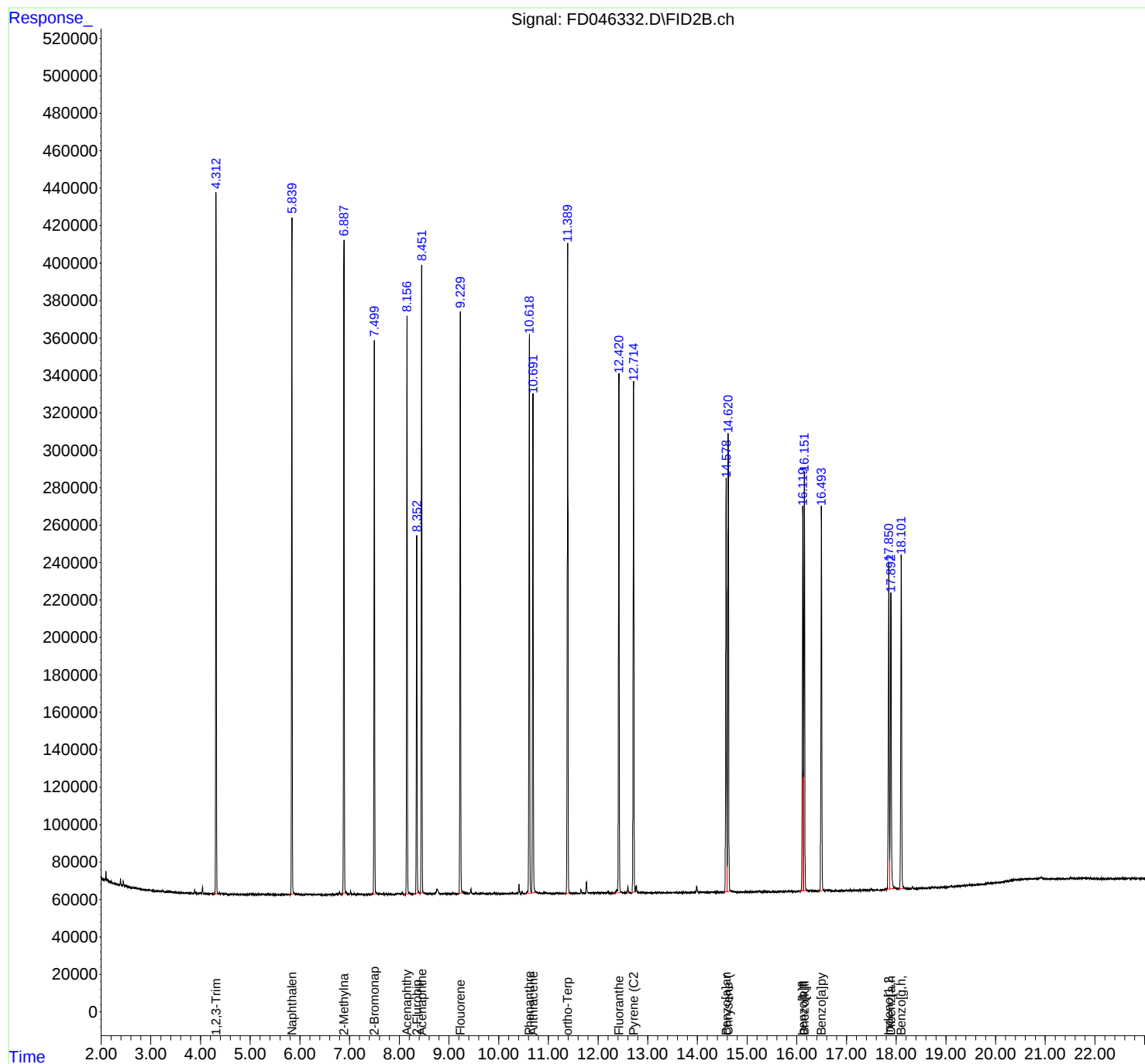
(m)=manual int.

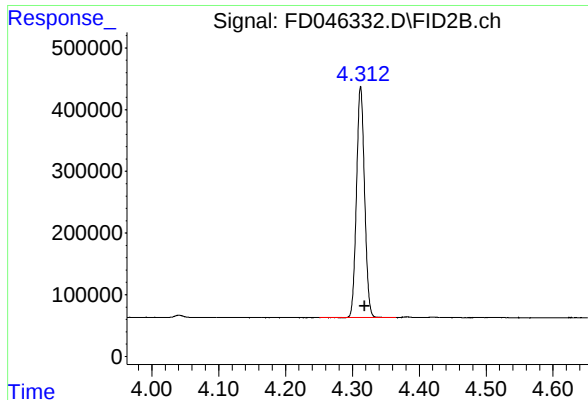
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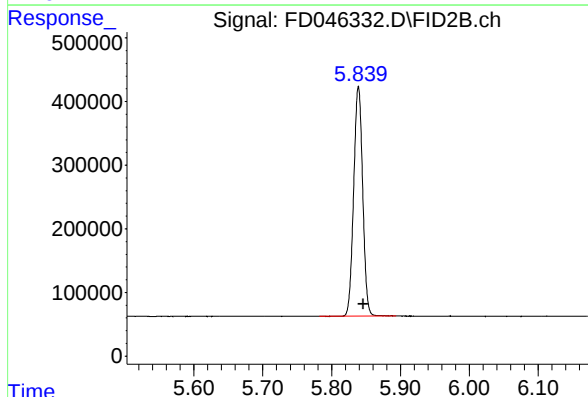




#1 1,2,3-Trimethylbenzene (C10.1)

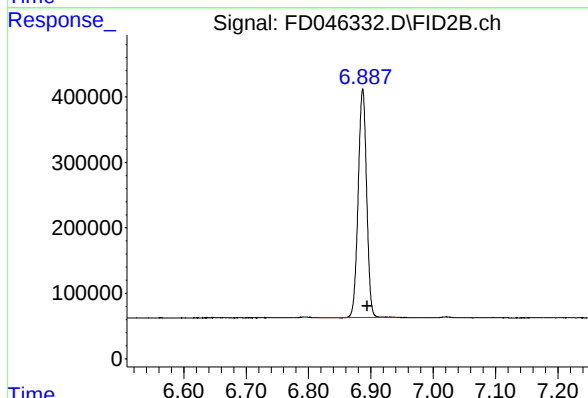
R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 3142072
Conc: 17.25 ug/ml

Instrument :
FID_D
ClientSampleId :



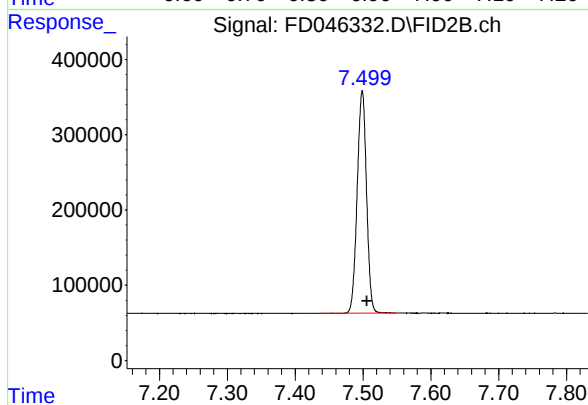
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.007 min
Response: 3282744
Conc: 18.18 ug/ml



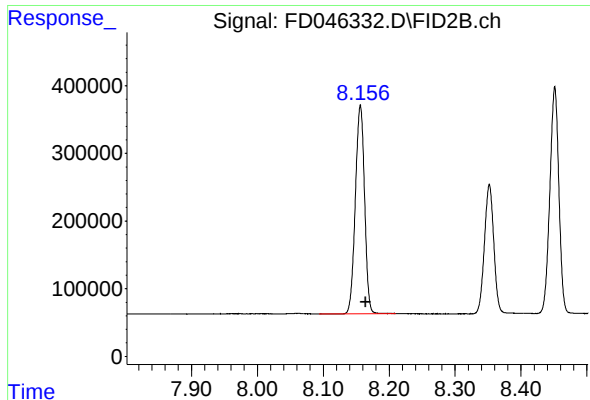
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.008 min
Response: 3286887
Conc: 18.68 ug/ml



#4 2-Bromonaphthalene (SURR)

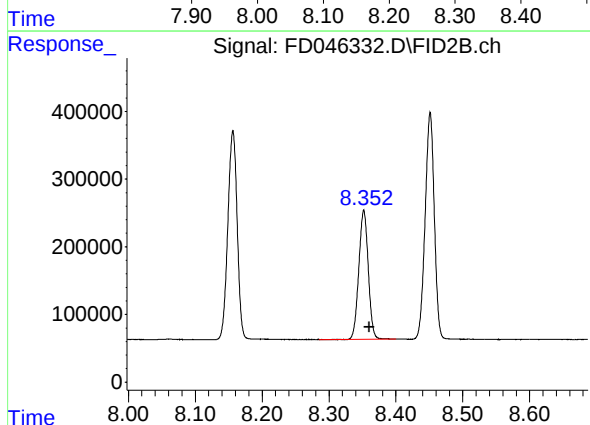
R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 2824024
Conc: 18.89 ug/ml



#5 Acenaphthylene (C15.06)

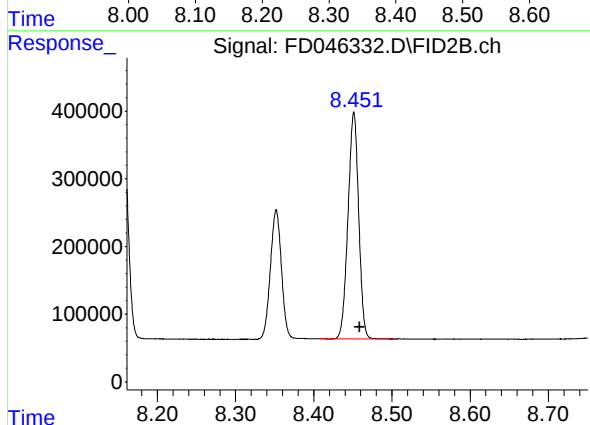
R.T.: 8.156 min
Delta R.T.: -0.008 min
Response: 2983910
Conc: 19.56 ug/ml

Instrument :
FID_D
ClientSampleId :



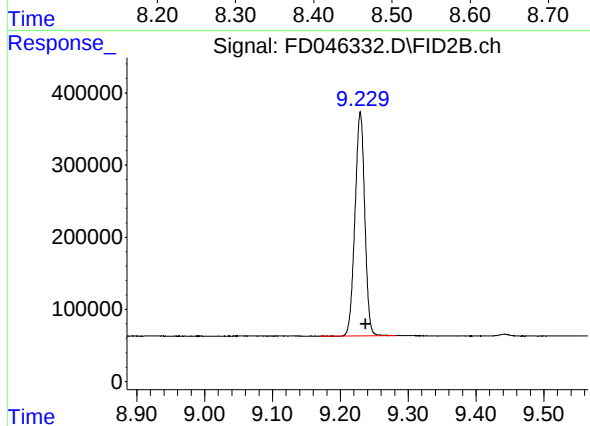
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.352 min
Delta R.T.: -0.008 min
Response: 1866267
Conc: 19.94 ug/ml



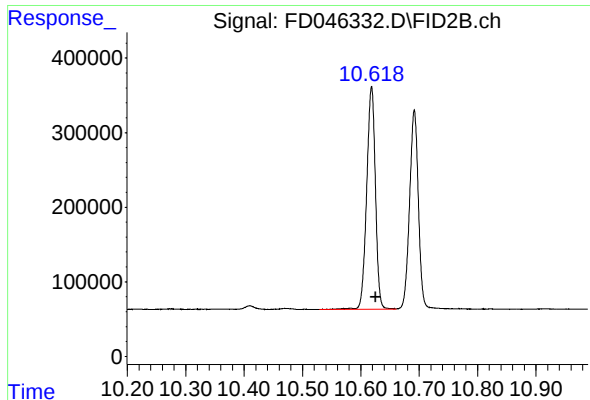
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.007 min
Response: 3179651
Conc: 19.50 ug/ml



#8 Flouorene (C16.55)

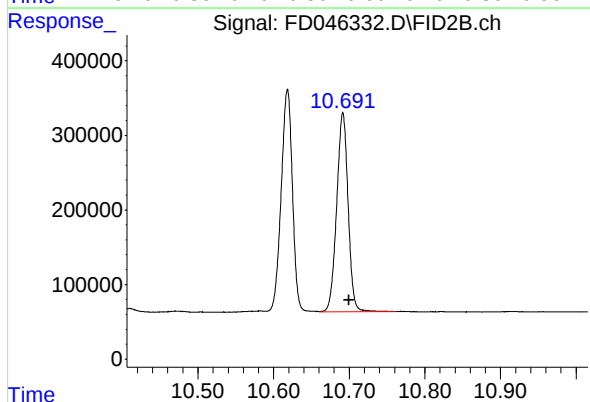
R.T.: 9.229 min
Delta R.T.: -0.008 min
Response: 3099895
Conc: 20.37 ug/ml



#9 Phenanthrene (C19.36)

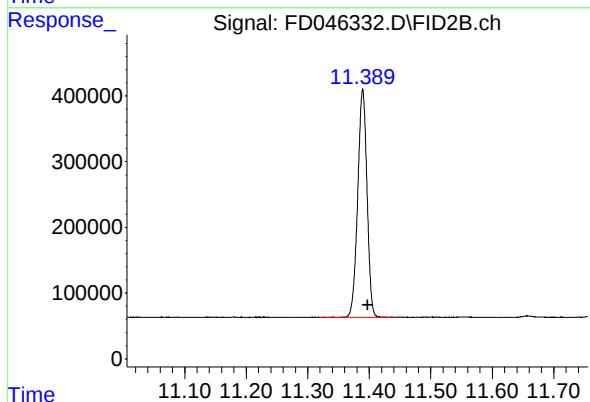
R.T.: 10.618 min
Delta R.T.: -0.008 min
Response: 3102816
Conc: 21.55 ug/ml

Instrument :
FID_D
ClientSampleId :



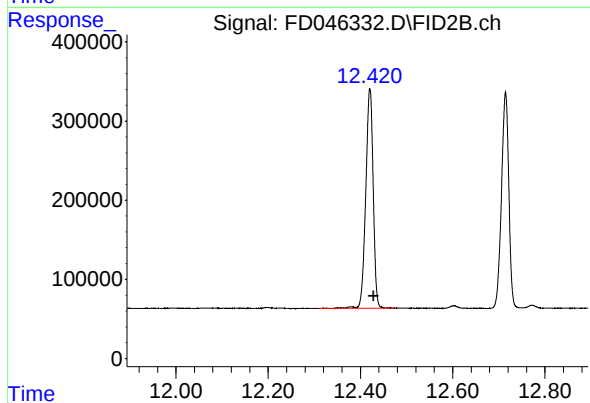
#10 Anthracene (C19.43)

R.T.: 10.692 min
Delta R.T.: -0.008 min
Response: 2790772
Conc: 21.32 ug/ml



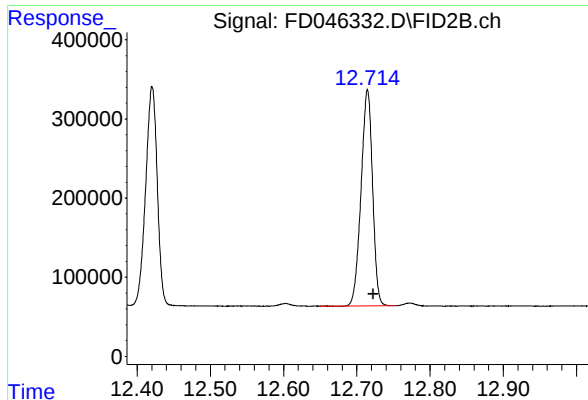
#11 ortho-Terphenyl (SURRE)

R.T.: 11.389 min
Delta R.T.: -0.008 min
Response: 3635298
Conc: 20.82 ug/ml



#12 Fluoranthene (C21.85)

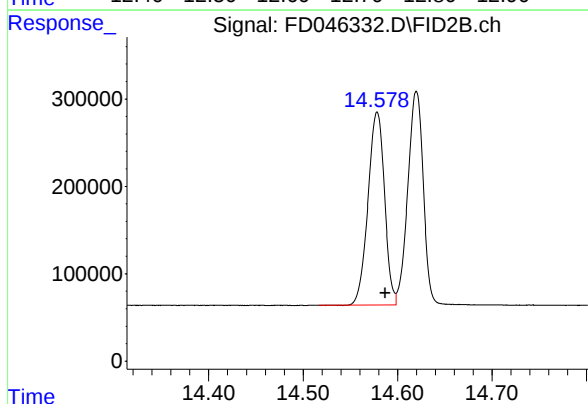
R.T.: 12.420 min
Delta R.T.: -0.008 min
Response: 3093147
Conc: 22.14 ug/ml



#13 Pyrene (C20.8)

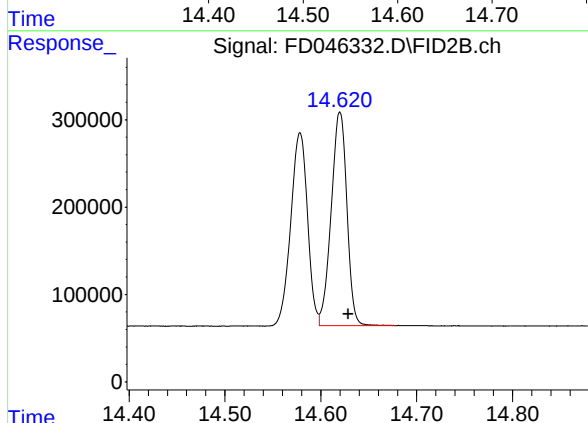
R.T.: 12.715 min
Delta R.T.: -0.008 min
Response: 2980455
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :



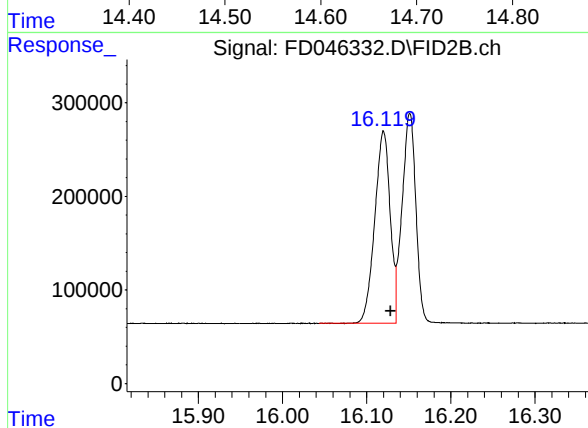
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.009 min
Response: 2681190
Conc: 20.43 ug/ml



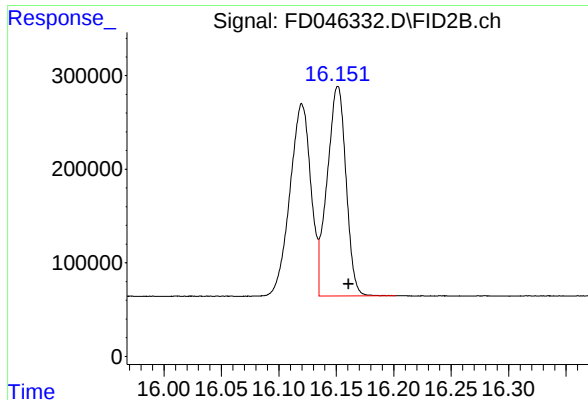
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.009 min
Response: 2781009
Conc: 19.72 ug/ml



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

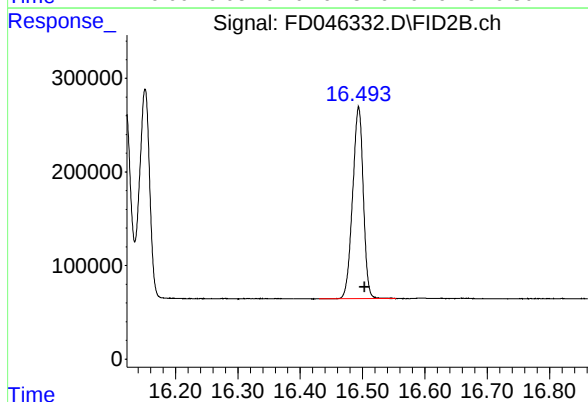
R.T.: 16.120 min
Delta R.T.: -0.009 min
Response: 2605136
Conc: 19.05 ug/ml



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

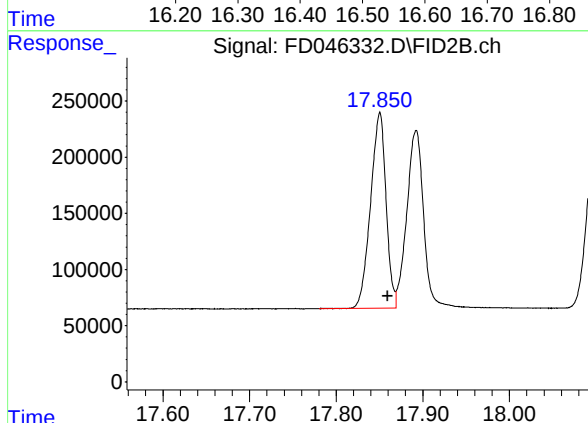
R.T.: 16.151 min
Delta R.T.: -0.010 min
Response: 2555070
Conc: 18.64 ug/ml

Instrument :
FID_D
ClientSampleId :



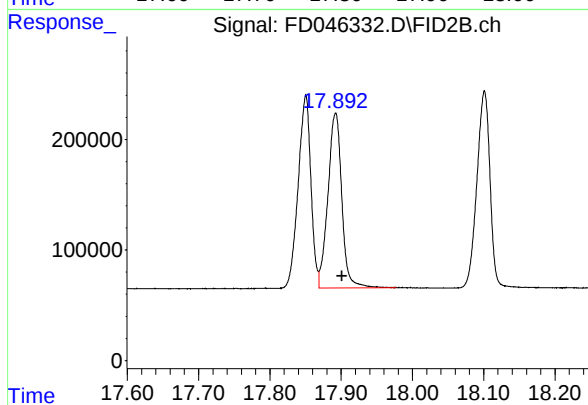
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.494 min
Delta R.T.: -0.009 min
Response: 2437685
Conc: 18.72 ug/ml



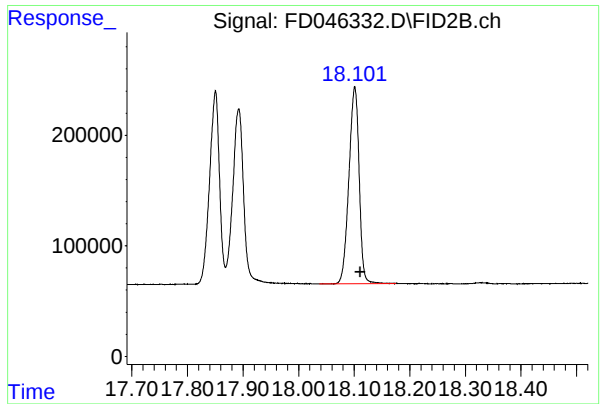
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: -0.009 min
Response: 2160275
Conc: 17.96 ug/ml



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

R.T.: 17.892 min
Delta R.T.: -0.010 min
Response: 2138592
Conc: 16.72 ug/ml



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

R.T.: 18.101 min

Delta R.T.: -0.010 min

Response: 2278759

Conc: 17.96 ug/ml

Instrument :

FID_D

ClientSampleId :