

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045801.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 08:53
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 09:24:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.530	4204152	23.319 ug/ml
Spiked Amount 50.000		Recovery =	46.64%
6) S 2-Fluorobiphenyl (SURR)	8.385	2762864	22.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.96%
11) S ortho-Terphenyl (SURR)	11.424	5093101	22.801 ug/ml
Spiked Amount 50.000		Recovery =	45.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.339	4811606	23.834 ug/ml
2) T Naphthalene (C11.7)	5.869	4996522	23.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.918	4917566	23.284 ug/ml
5) T Acenaphthylene (C15.06)	8.189	4399859	23.223 ug/ml
7) T Acenaphthene (C15.5)	8.485	4680136	23.148 ug/ml
8) T Fluorene (C16.55)	9.263	4532956	22.878 ug/ml
9) T Phenanthrene (C19.36)	10.653	4284533	22.396 ug/ml
10) T Anthracene (C19.43)	10.727	3615329	21.223 ug/ml
12) T Fluoranthene (C21.85)	12.457	4089181	22.134 ug/ml
13) T Pyrene (C20.8)	12.751	3962420	22.186 ug/ml
14) T Benzo[a]anthracene (C...	14.615	3299422	21.073 ug/ml
15) T Chrysene (C27.41)	14.657	3475905	21.068 ug/ml
16) T benzo[b]fluoranthene ...	16.156	3243128	21.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	3218066	20.786 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	3138266	21.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	3107042	21.213 ug/ml
20) T Dibenz[a,h]anthracene...	17.931	3209869	21.397 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	3226712	21.868 ug/ml

(f)=RT Delta > 1/2 Window

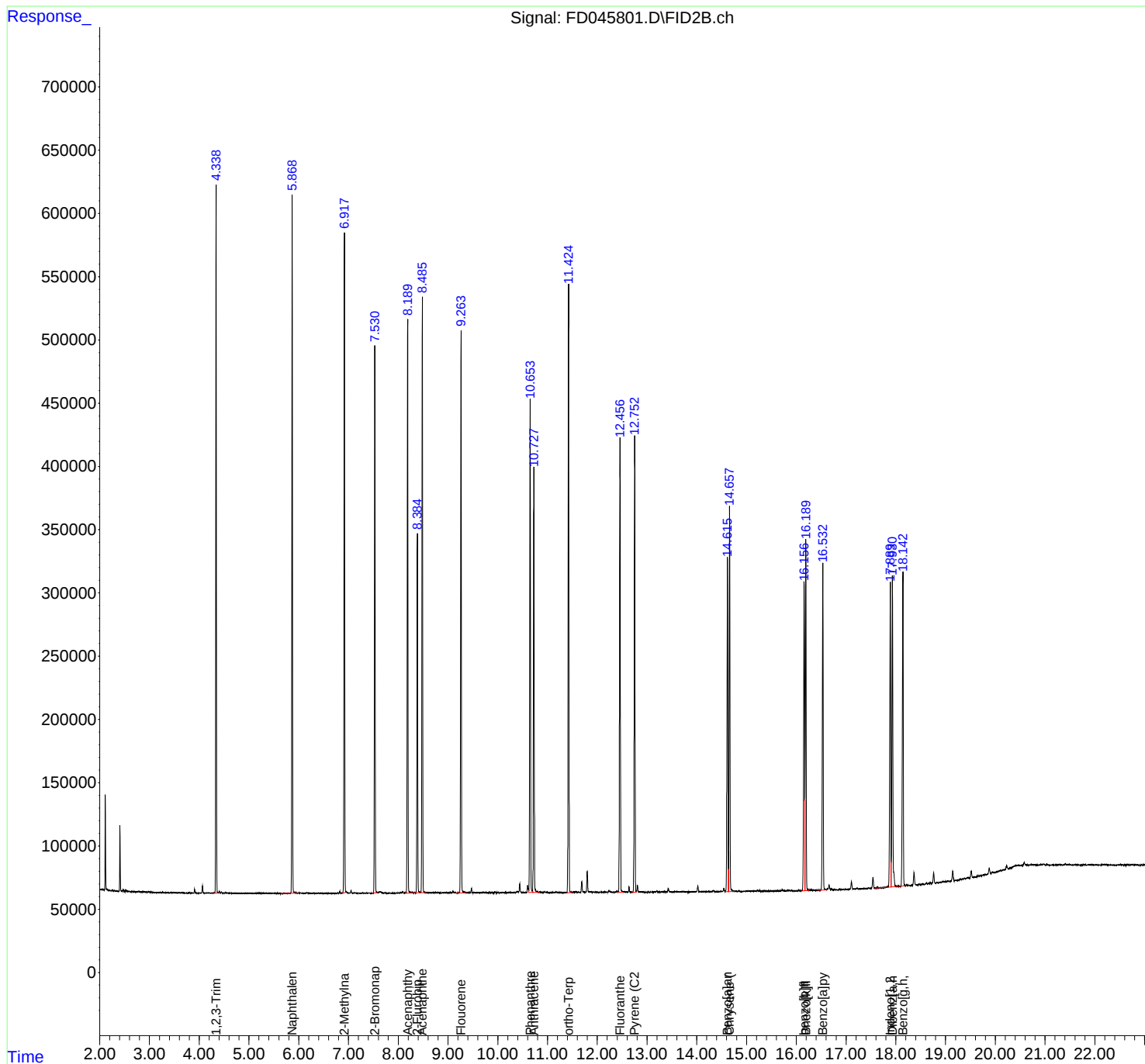
(m)=manual int.

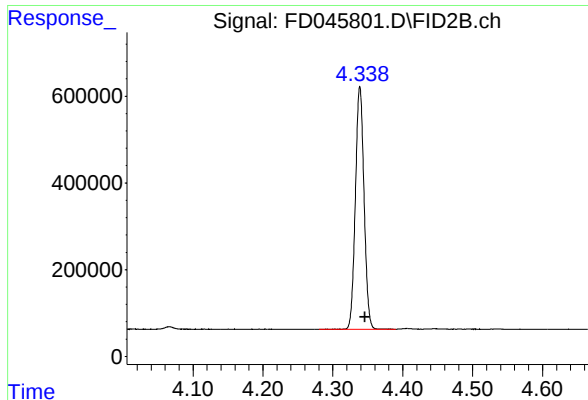
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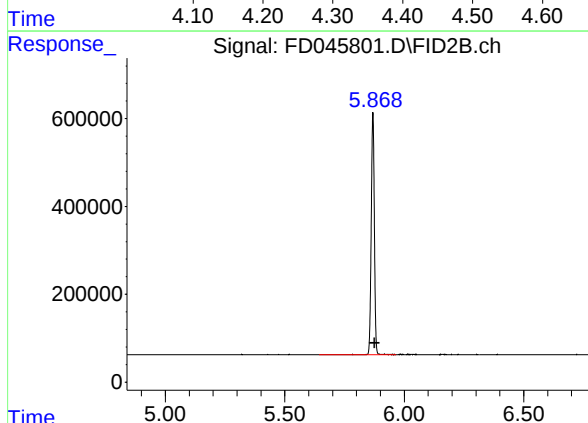




#1 1,2,3-Trimethylbenzene (C10.1)

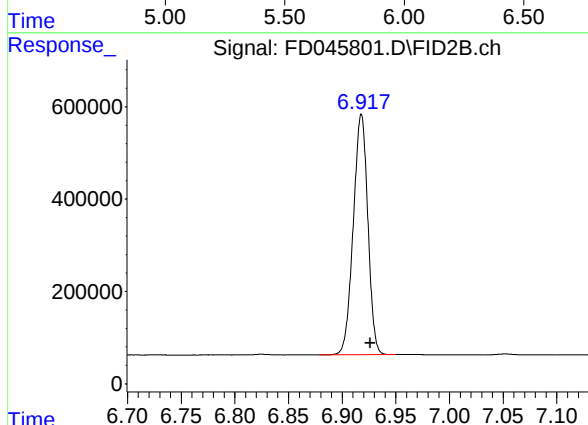
R.T.: 4.339 min
Delta R.T.: -0.007 min
Response: 4811606
Conc: 23.83 ug/ml

Instrument :
FID_D
ClientSampleId :



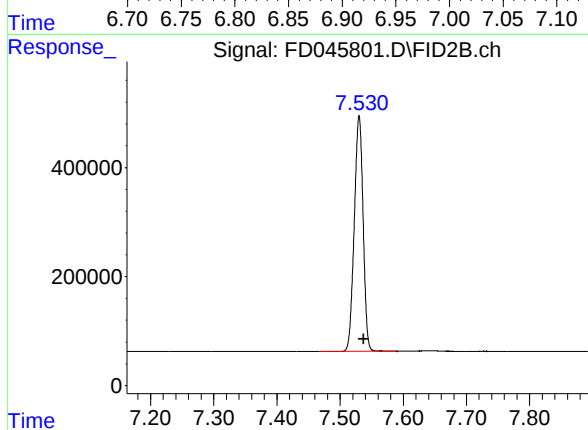
#2 Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: -0.008 min
Response: 4996522
Conc: 23.58 ug/ml



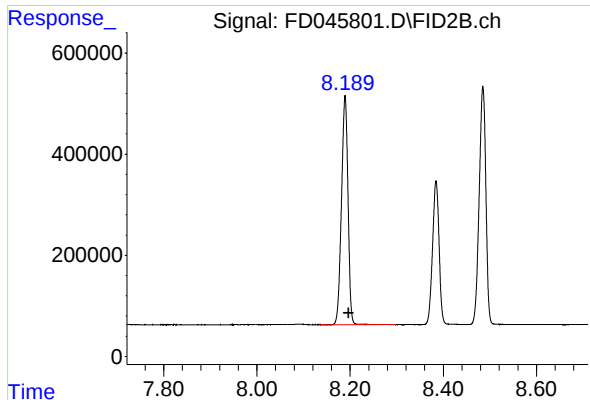
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.918 min
Delta R.T.: -0.008 min
Response: 4917566
Conc: 23.28 ug/ml



#4 2-Bromonaphthalene (SURR)

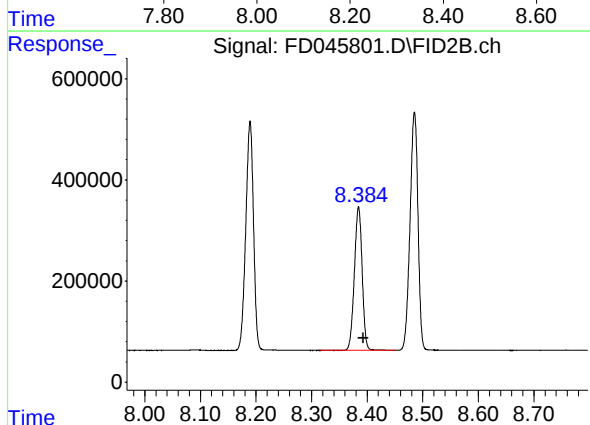
R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 4204152
Conc: 23.32 ug/ml



#5 Acenaphthylene (C15.06)

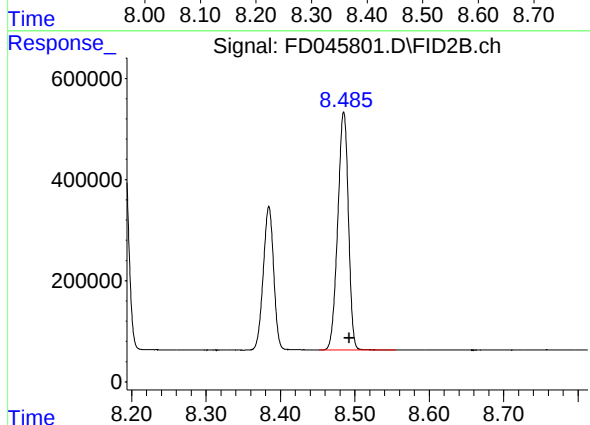
R.T.: 8.189 min
Delta R.T.: -0.008 min
Response: 4399859
Conc: 23.22 ug/ml

Instrument :
FID_D
ClientSampleId :



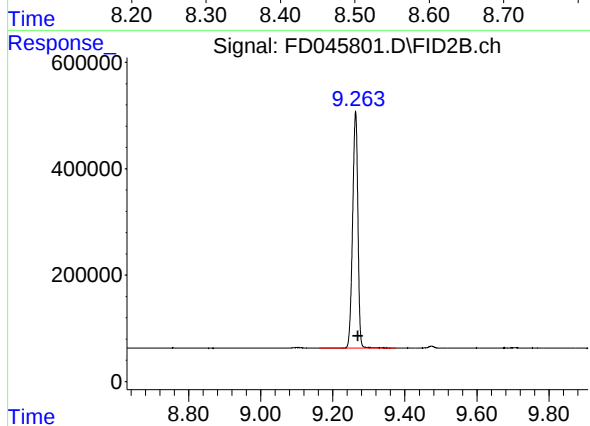
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 2762864
Conc: 22.98 ug/ml



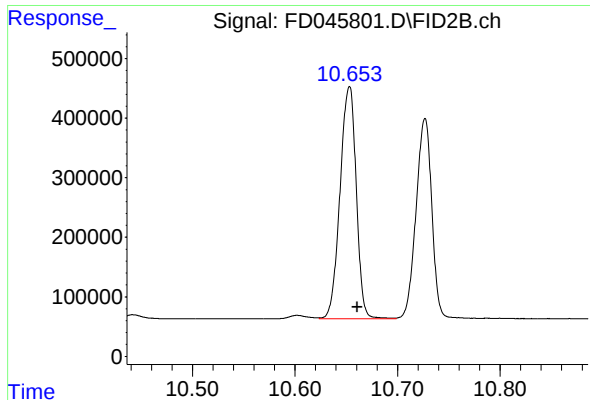
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 4680136
Conc: 23.15 ug/ml



#8 Fluorene (C16.55)

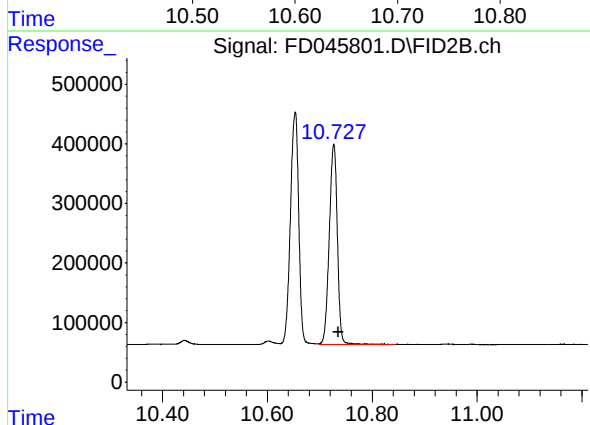
R.T.: 9.263 min
Delta R.T.: -0.007 min
Response: 4532956
Conc: 22.88 ug/ml



#9 Phenanthrene (C19.36)

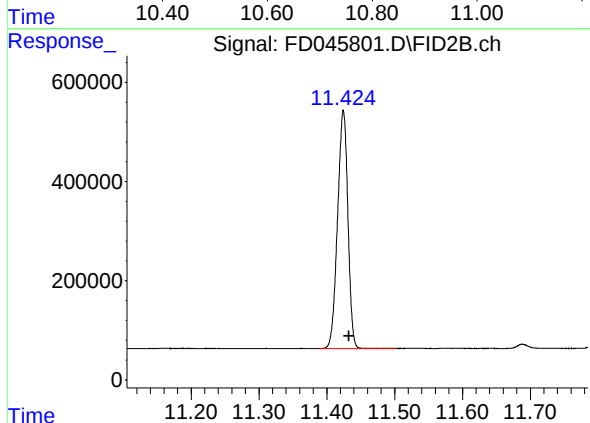
R.T.: 10.653 min
Delta R.T.: -0.008 min
Response: 4284533
Conc: 22.40 ug/ml

Instrument :
FID_D
ClientSampleId :



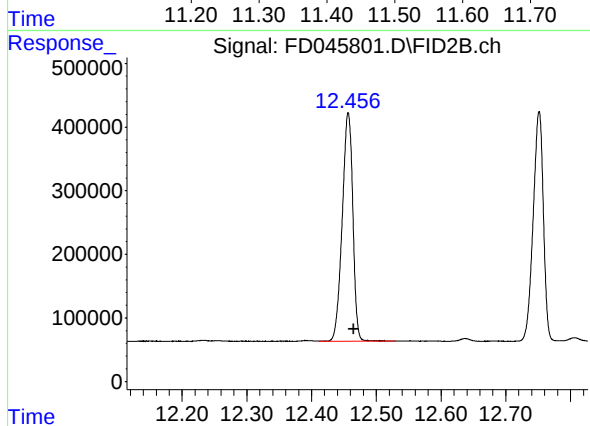
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.009 min
Response: 3615329
Conc: 21.22 ug/ml



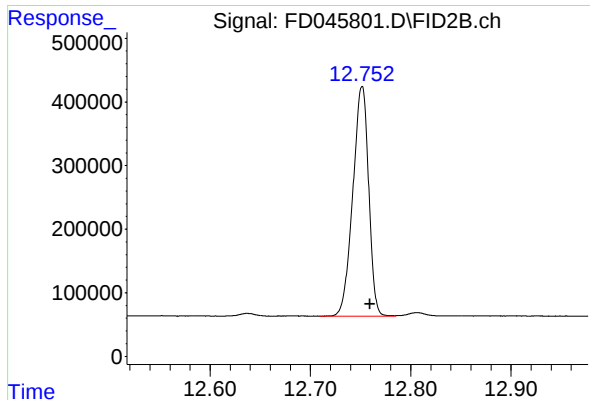
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.008 min
Response: 5093101
Conc: 22.80 ug/ml



#12 Fluoranthene (C21.85)

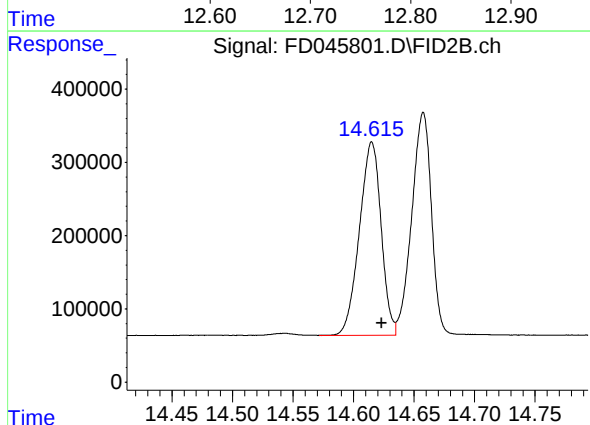
R.T.: 12.457 min
Delta R.T.: -0.008 min
Response: 4089181
Conc: 22.13 ug/ml



#13 Pyrene (C20.8)

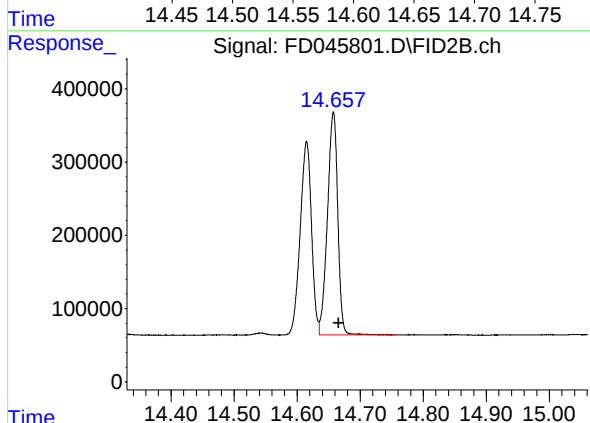
R.T.: 12.751 min
Delta R.T.: -0.008 min
Response: 3962420
Conc: 22.19 ug/ml

Instrument :
FID_D
ClientSampleId :



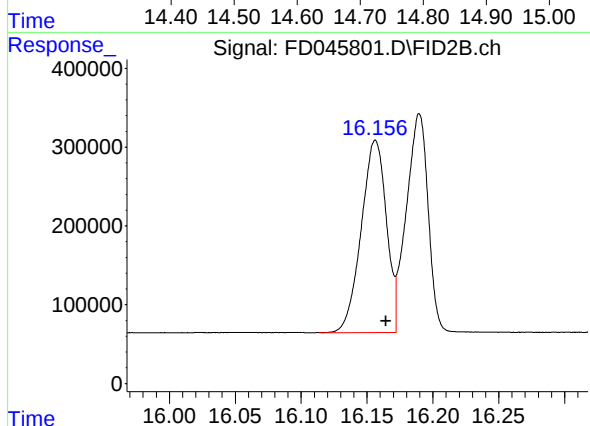
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 3299422
Conc: 21.07 ug/ml



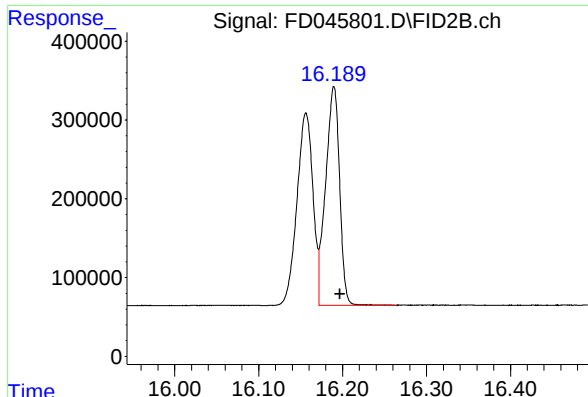
#15 Chrysene (C27.41)

R.T.: 14.657 min
Delta R.T.: -0.008 min
Response: 3475905
Conc: 21.07 ug/ml



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

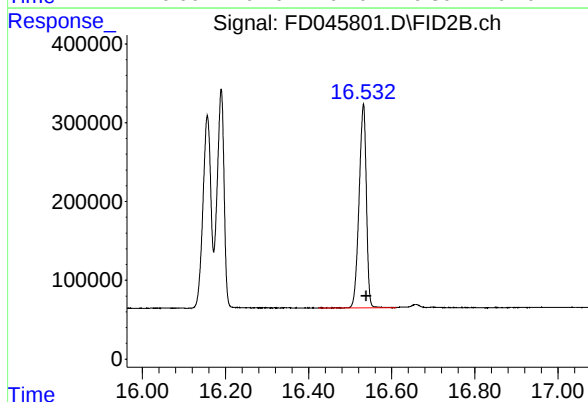
R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 3243128
Conc: 21.43 ug/ml



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

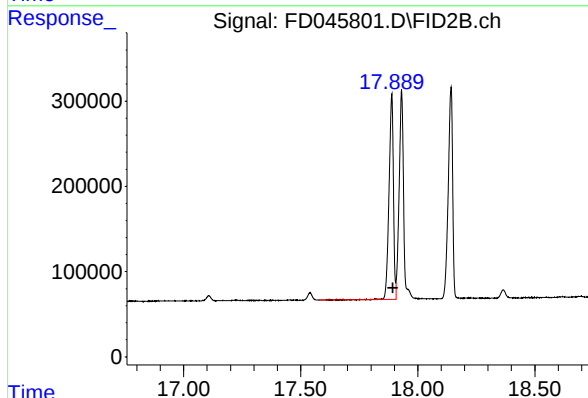
R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 3218066
Conc: 20.79 ug/ml

Instrument :
FID_D
ClientSampleId :



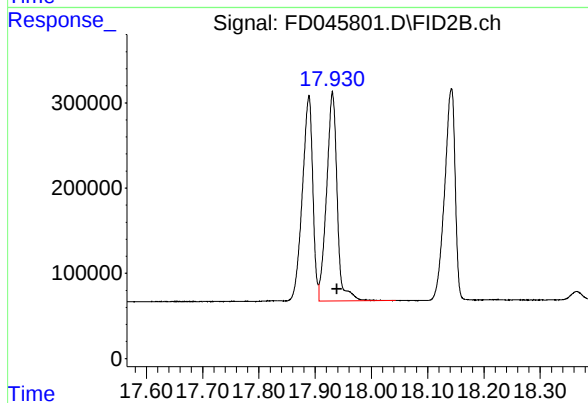
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: -0.008 min
Response: 3138266
Conc: 21.46 ug/ml



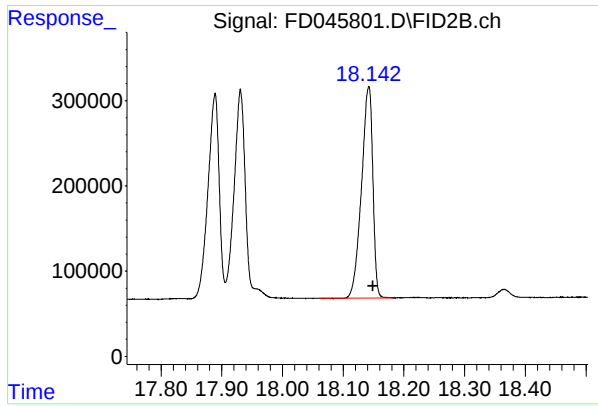
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 3107042
Conc: 21.21 ug/ml



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

R.T.: 17.931 min
Delta R.T.: -0.008 min
Response: 3209869
Conc: 21.40 ug/ml



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

R.T.: 18.142 min
Delta R.T.: -0.007 min
Response: 3226712
Conc: 21.87 ug/ml

Instrument :
FID_D
ClientSampleId :