

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091823AR\
 Data File : FD046523.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2023 17:29
 Operator : YP/AJ
 Sample : PB155649BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155649BSD

Integration File: autoint1.e
 Quant Time: Sep 19 00:32:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.494	9167300	52.020 ug/ml
Spiked Amount 50.000		Recovery =	104.04%
6) S 2-Fluorobiphenyl (SURR)	8.348	5820703	50.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.48%
11) S ortho-Terphenyl (SURR)	11.388	10259448	50.358 ug/ml
Spiked Amount 50.000		Recovery =	100.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	6130464	33.192 ug/ml
2) T Naphthalene (C11.7)	5.832	7137907	36.939 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7549640	38.958 ug/ml
5) T Acenaphthylene (C15.06)	8.152	8034856	45.568 ug/ml
7) T Acenaphthene (C15.5)	8.448	7958813	42.358 ug/ml
8) T Fluorene (C16.55)	9.226	8226225	45.602 ug/ml
9) T Phenanthrene (C19.36)	10.616	8334175	47.400 ug/ml
10) T Anthracene (C19.43)	10.691	8252205	53.727 ug/ml
12) T Fluoranthene (C21.85)	12.420	8457431	49.621 ug/ml
13) T Pyrene (C20.8)	12.715	8485661	51.726 ug/ml
14) T Benzo[a]anthracene (C...	14.579	7682911	55.022 ug/ml
15) T Chrysene (C27.41)	14.624	7722479	50.872 ug/ml
16) T benzo[b]fluoranthene ...	16.122	7260534	52.932 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	7295137	52.663 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	6803809	50.859 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	6790028	54.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	6567498	49.354 ug/ml
21) T Benzo[g,h,i]perylene ...	18.112	6466904	49.039 ug/ml

(f)=RT Delta > 1/2 Window

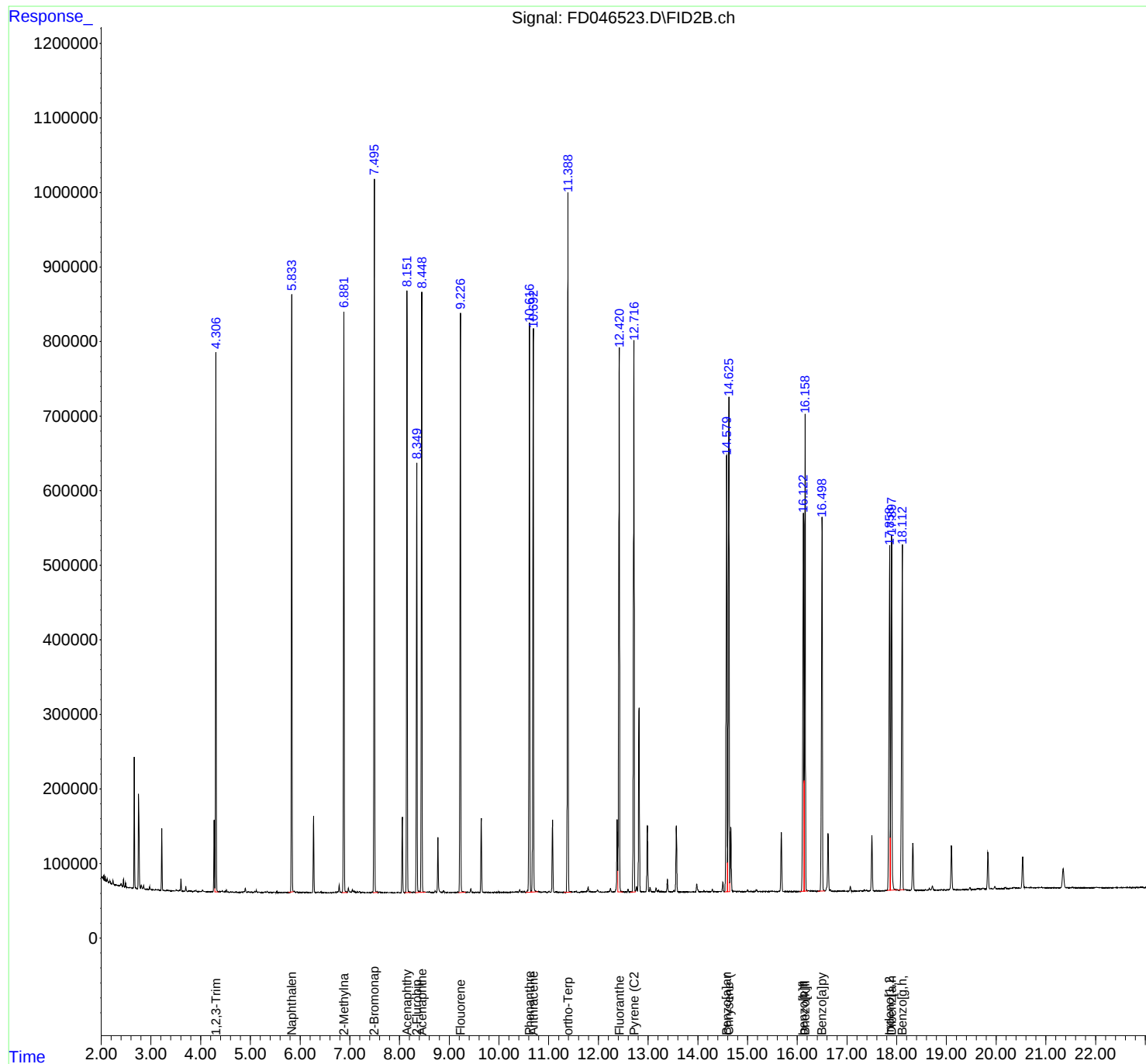
(m)=manual int.

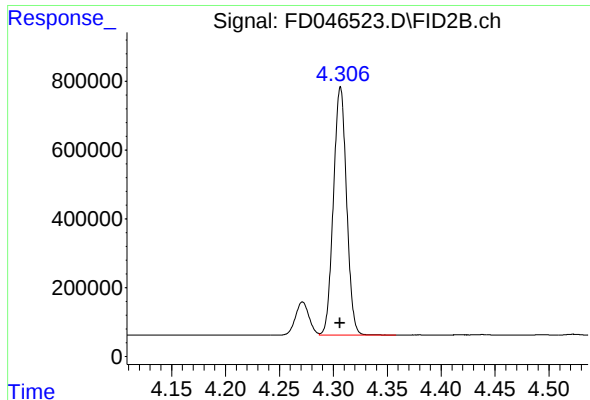
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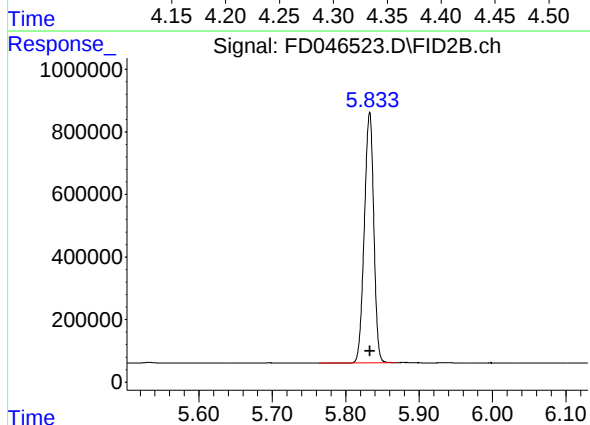




#1 1,2,3-Trimethylbenzene (C10.1)

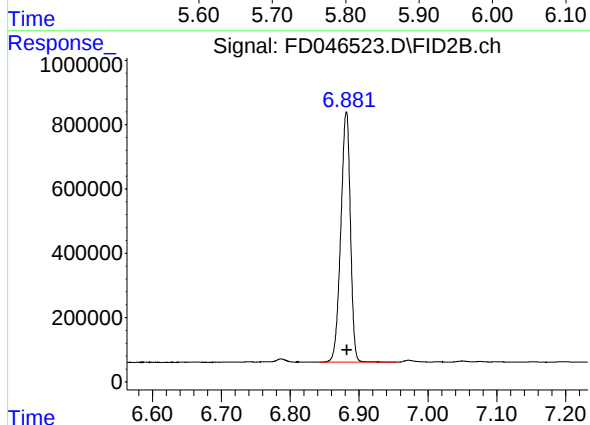
R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 6130464
Conc: 33.19 ug/ml

Instrument :
FID_D
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PB155649BSD



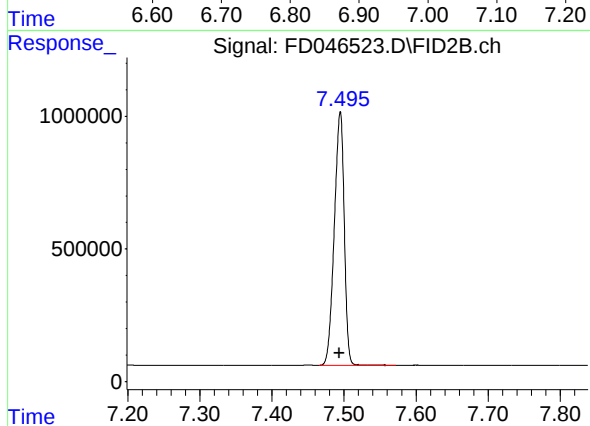
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 7137907
Conc: 36.94 ug/ml



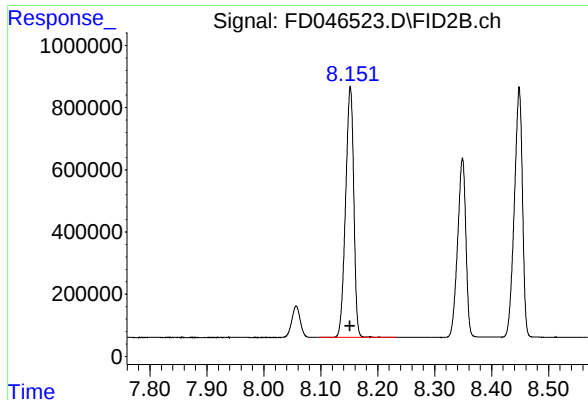
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 7549640
Conc: 38.96 ug/ml



#4 2-Bromonaphthalene (SURR)

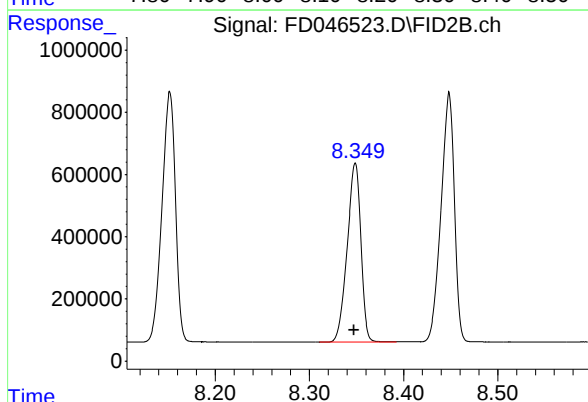
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 9167300
Conc: 52.02 ug/ml



#5 Acenaphthylene (C15.06)

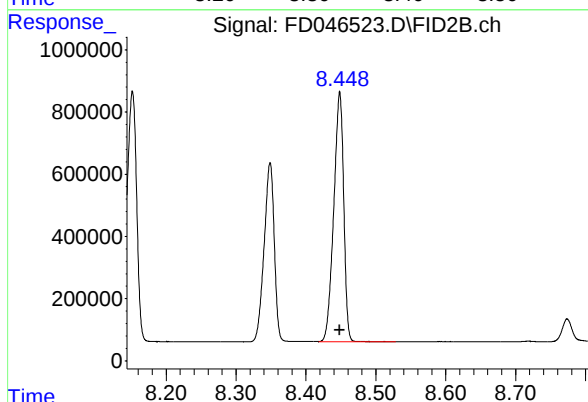
R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 8034856
Conc: 45.57 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155649BSD



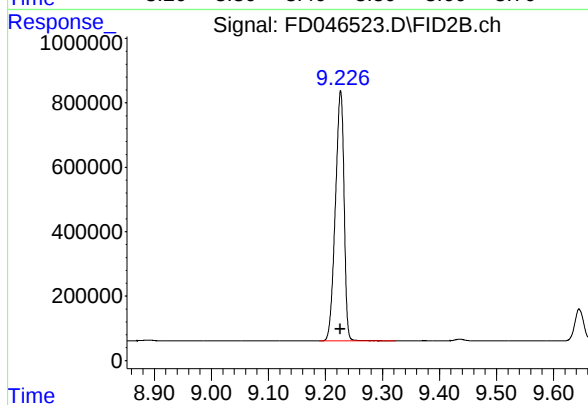
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min
Delta R.T.: 0.001 min
Response: 5820703
Conc: 50.24 ug/ml



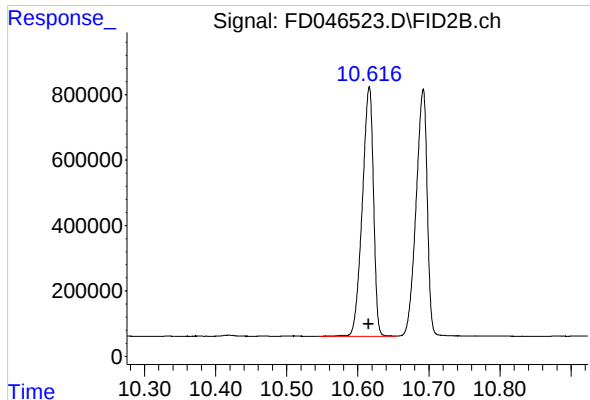
#7 Acenaphthene (C15.5)

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 7958813
Conc: 42.36 ug/ml



#8 Flouorene (C16.55)

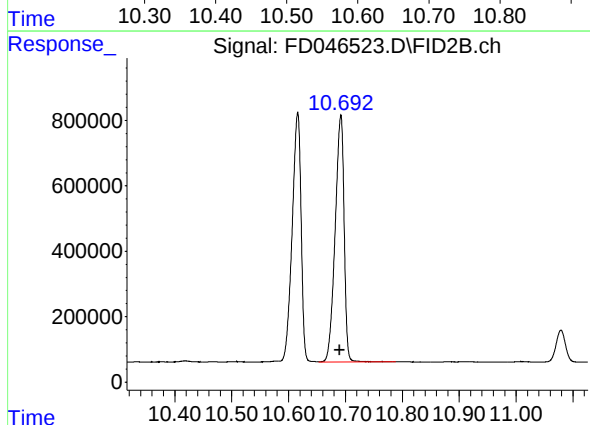
R.T.: 9.226 min
Delta R.T.: 0.000 min
Response: 8226225
Conc: 45.60 ug/ml



#9 Phenanthrene (C19.36)

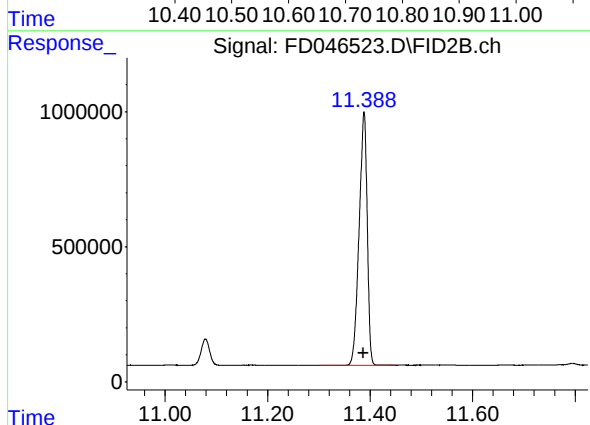
R.T.: 10.616 min
Delta R.T.: 0.000 min
Response: 8334175
Conc: 47.40 ug/ml

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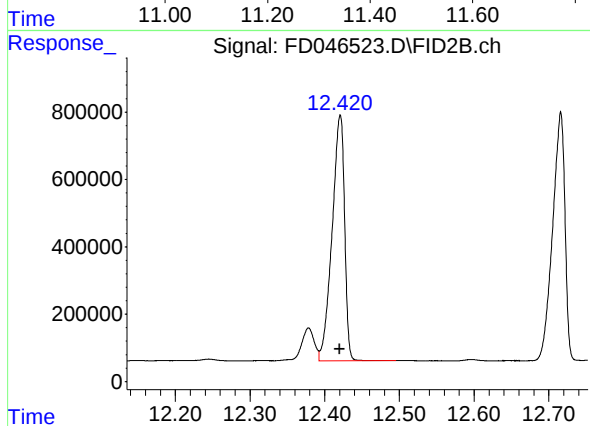
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: 0.002 min
Response: 8252205
Conc: 53.73 ug/ml



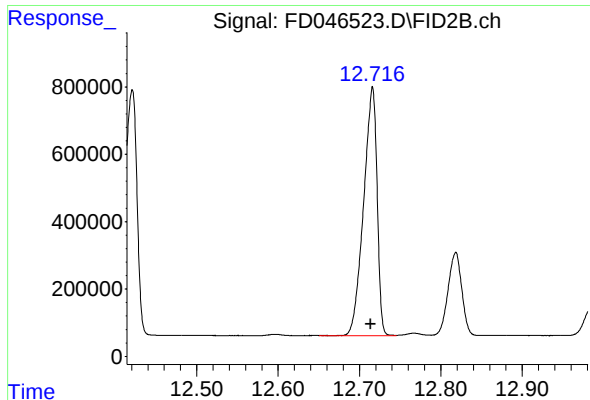
#11 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: 0.002 min
Response: 10259448
Conc: 50.36 ug/ml



#12 Fluoranthene (C21.85)

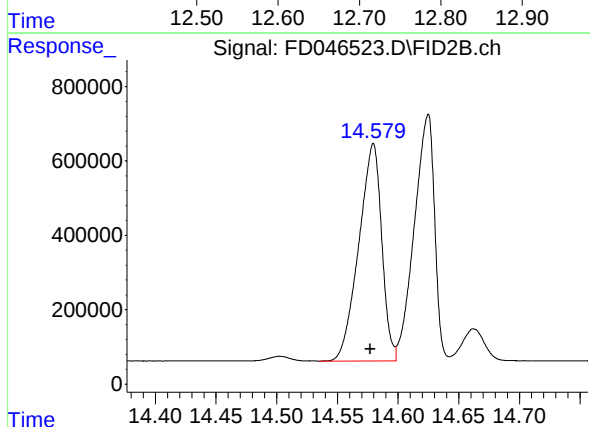
R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 8457431
Conc: 49.62 ug/ml



#13 Pyrene (C20.8)

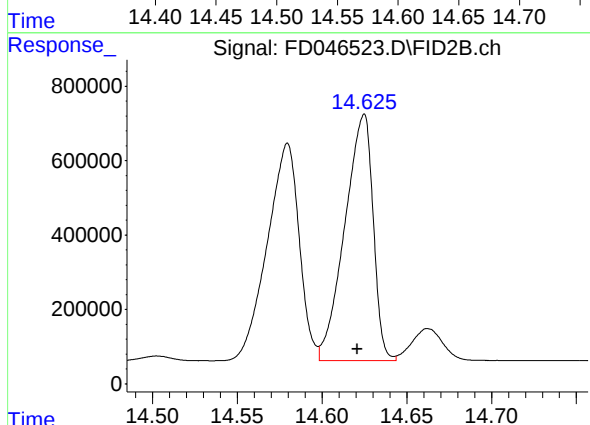
R.T.: 12.715 min
Delta R.T.: 0.002 min
Response: 8485661
Conc: 51.73 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155649BSD



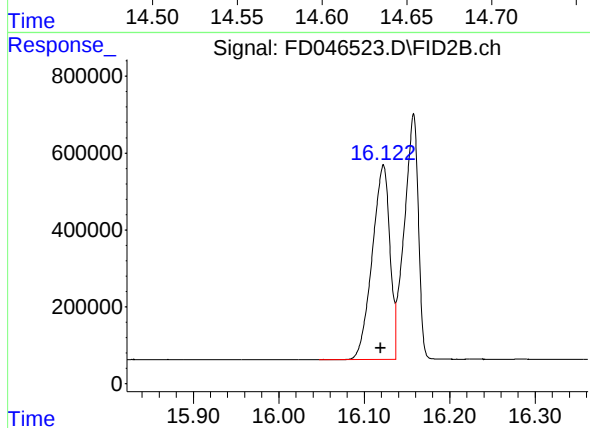
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: 0.002 min
Response: 7682911
Conc: 55.02 ug/ml



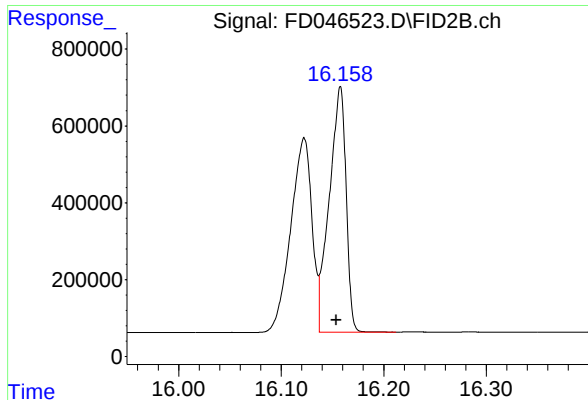
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: 0.003 min
Response: 7722479
Conc: 50.87 ug/ml



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

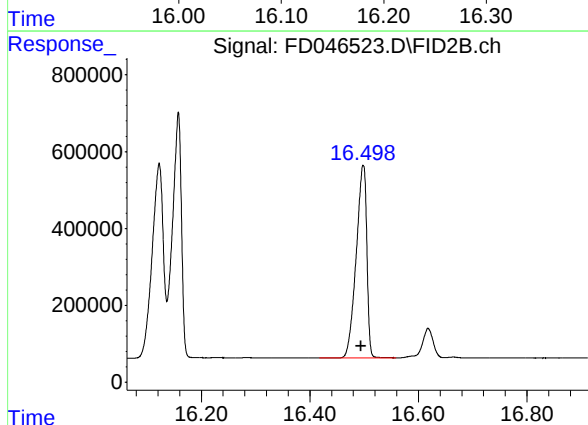
R.T.: 16.122 min
Delta R.T.: 0.003 min
Response: 7260534
Conc: 52.93 ug/ml



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

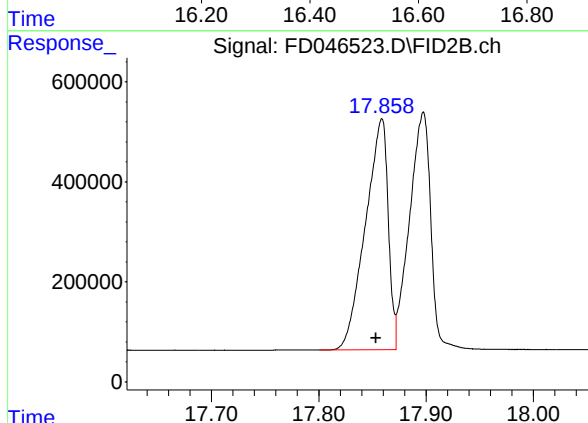
R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 7295137
Conc: 52.66 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155649BSD



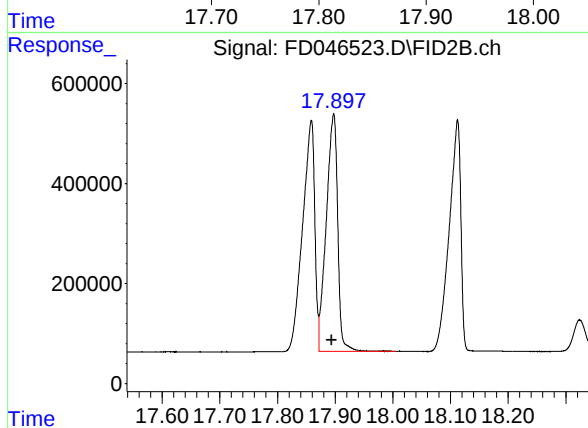
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: 0.003 min
Response: 6803809
Conc: 50.86 ug/ml



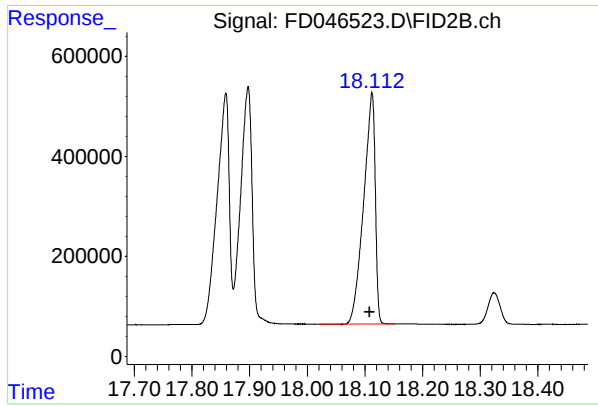
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.858 min
Delta R.T.: 0.005 min
Response: 6790028
Conc: 54.17 ug/ml



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

R.T.: 17.897 min
Delta R.T.: 0.003 min
Response: 6567498
Conc: 49.35 ug/ml



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

R.T.: 18.112 min

Delta R.T.: 0.003 min

Response: 6466904

Conc: 49.04 ug/ml

Instrument :

FID_D

ClientSampleId :

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