

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046431.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 18:11
 Operator : YP/AJ
 Sample : PB155329BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155329BS

Integration File: autoint1.e
 Quant Time: Sep 06 00:12:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.495	7091494	41.990 ug/ml
Spiked Amount 50.000		Recovery =	83.98%
6) S 2-Fluorobiphenyl (SURR)	8.349	4668338	41.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.90%
11) S ortho-Terphenyl (SURR)	11.388	8499797	43.338 ug/ml
Spiked Amount 50.000		Recovery =	86.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	6076028	34.577 ug/ml
2) T Naphthalene (C11.7)	5.833	7104906	38.549 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	7424385	39.986 ug/ml
5) T Acenaphthylene (C15.06)	8.154	7948871	46.709 ug/ml
7) T Acenaphthene (C15.5)	8.450	7874571	43.709 ug/ml
8) T Fluorene (C16.55)	9.228	8185382	46.802 ug/ml
9) T Phenanthrene (C19.36)	10.618	8363333	48.744 ug/ml
10) T Anthracene (C19.43)	10.694	8251559	48.914 ug/ml
12) T Fluoranthene (C21.85)	12.422	8500851	51.096 ug/ml
13) T Pyrene (C20.8)	12.718	8542672	53.003 ug/ml
14) T Benzo[a]anthracene (C...	14.581	7842381	55.743 ug/ml
15) T Chrysene (C27.41)	14.626	7845867	52.893 ug/ml
16) T benzo[b]fluoranthene ...	16.124	7425468	54.647 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	7450023	54.915 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.499	6918860	52.510 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	6881371	55.168 ug/ml
20) T Dibenz[a,h]anthracene...	17.898	6475621	51.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.113	6605419	51.508 ug/ml

(f)=RT Delta > 1/2 Window

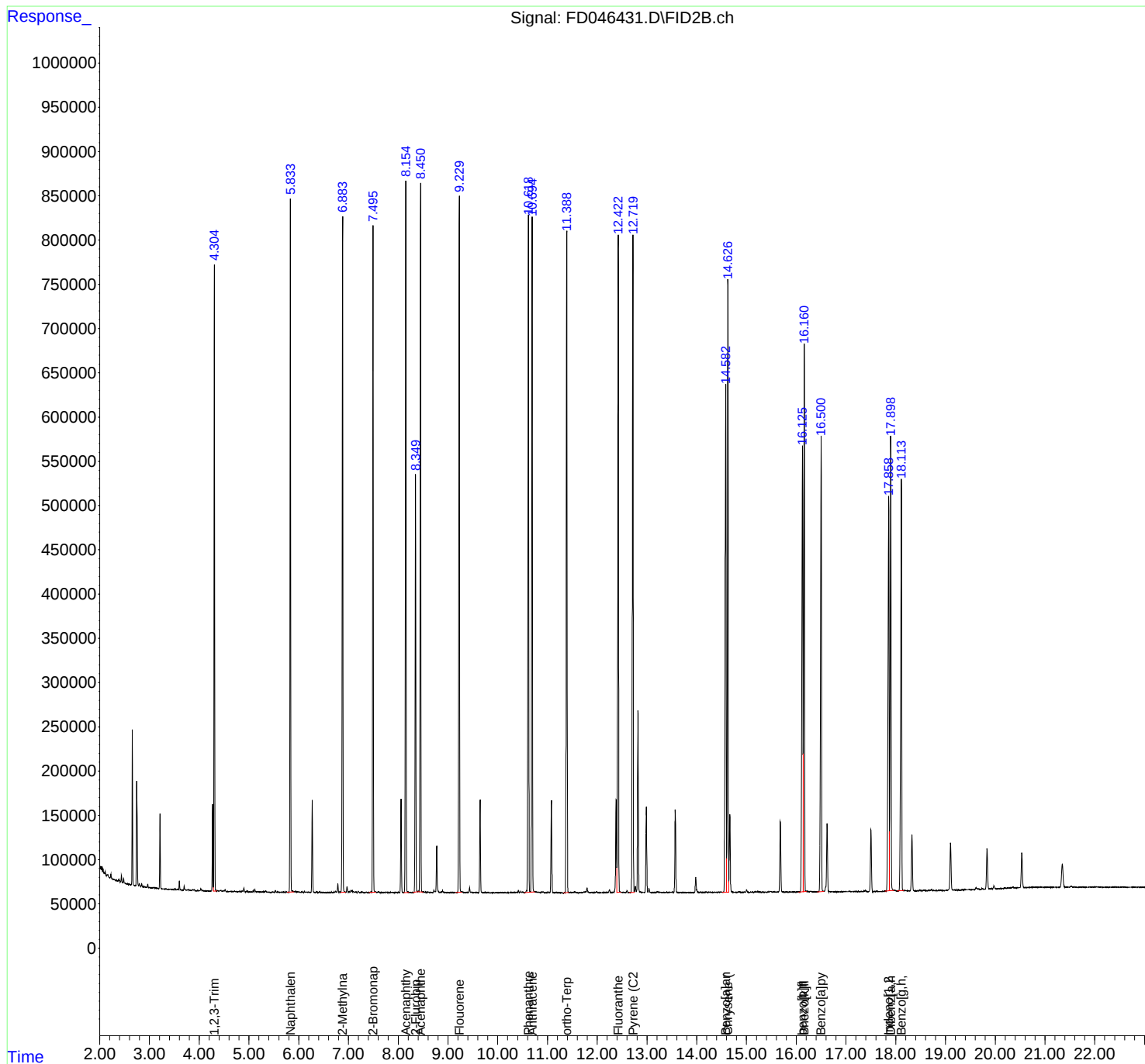
(m)=manual int.

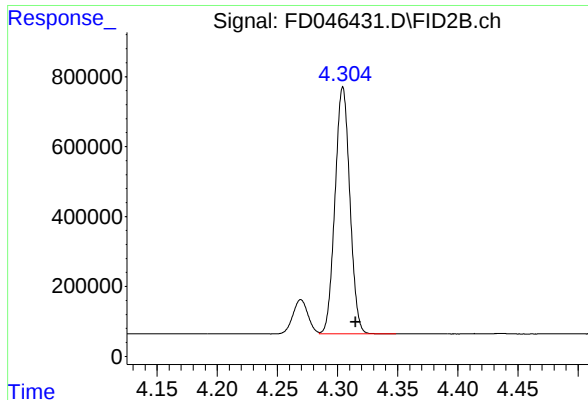
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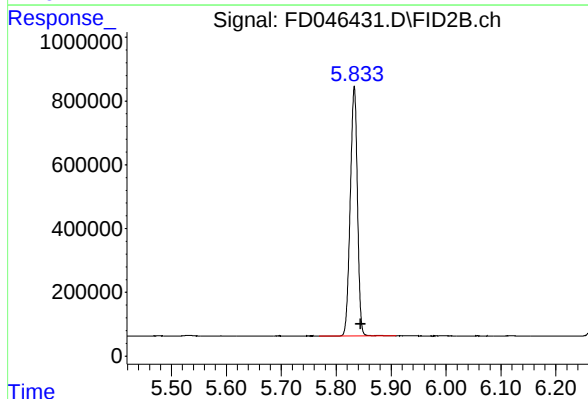




#1 1,2,3-Trimethylbenzene (C10.1)

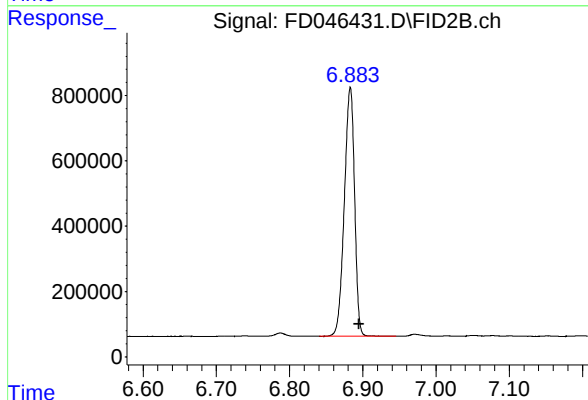
R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 6076028
Conc: 34.58 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BS



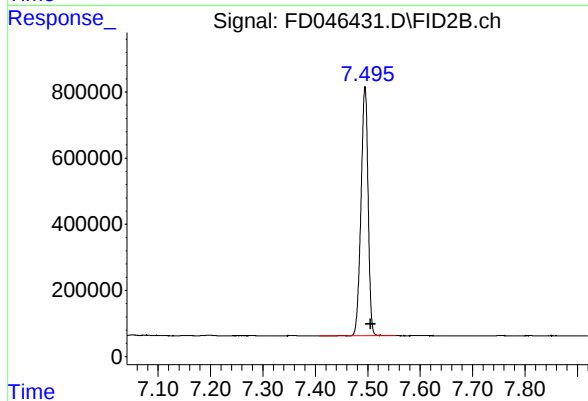
#2 Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: -0.012 min
Response: 7104906
Conc: 38.55 ug/ml



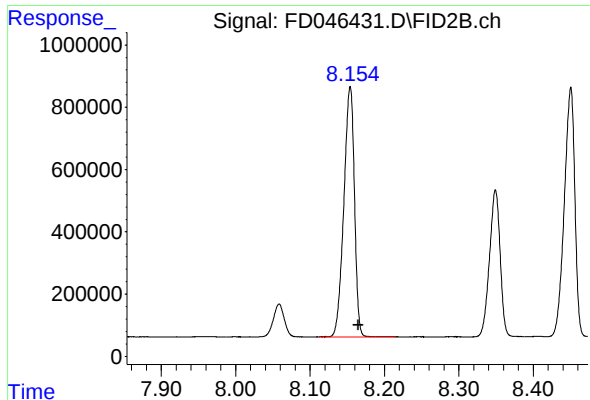
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.883 min
Delta R.T.: -0.012 min
Response: 7424385
Conc: 39.99 ug/ml



#4 2-Bromonaphthalene (SURR)

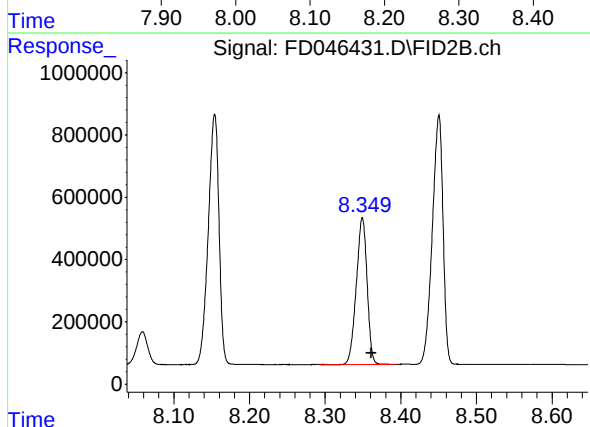
R.T.: 7.495 min
Delta R.T.: -0.011 min
Response: 7091494
Conc: 41.99 ug/ml



#5 Acenaphthylene (C15.06)

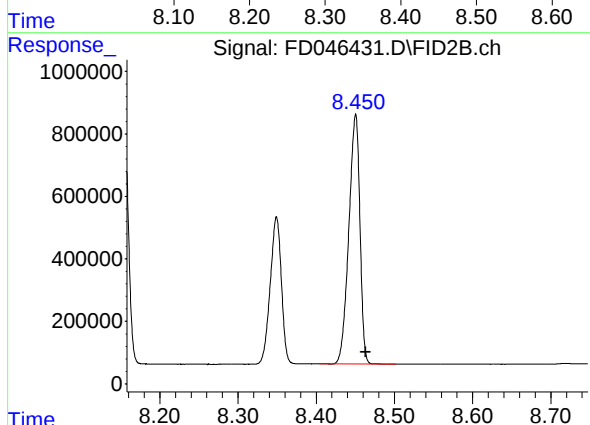
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 7948871
Conc: 46.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BS



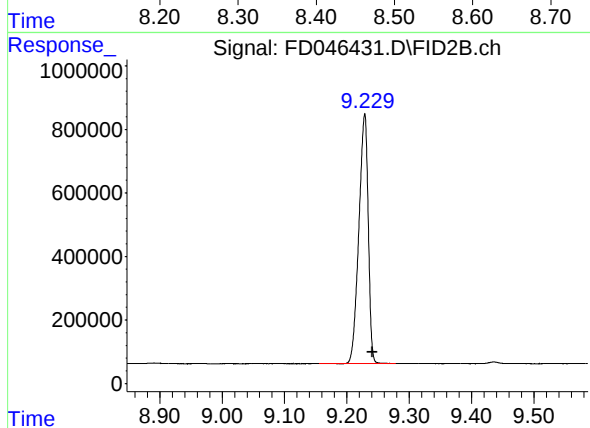
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.349 min
Delta R.T.: -0.012 min
Response: 4668338
Conc: 41.95 ug/ml



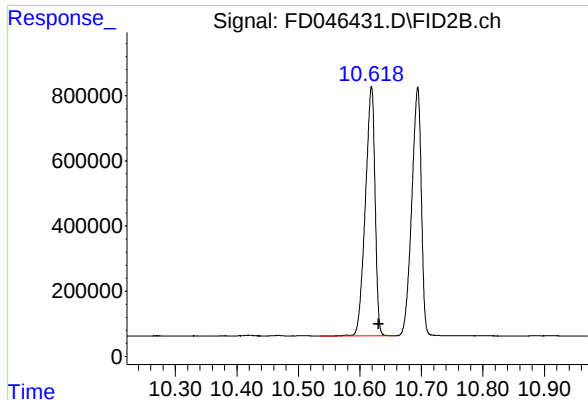
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: -0.013 min
Response: 7874571
Conc: 43.71 ug/ml



#8 Flouorene (C16.55)

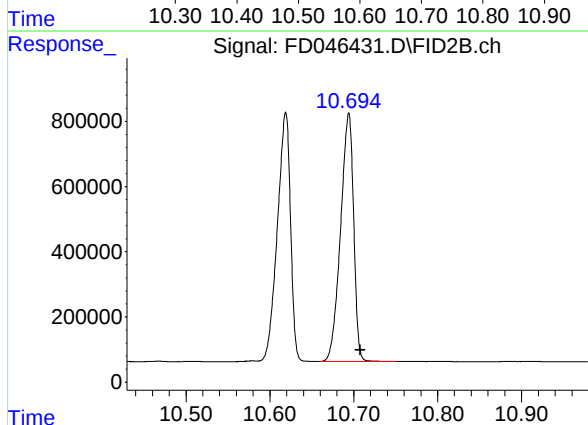
R.T.: 9.228 min
Delta R.T.: -0.012 min
Response: 8185382
Conc: 46.80 ug/ml



#9 Phenanthrene (C19.36)

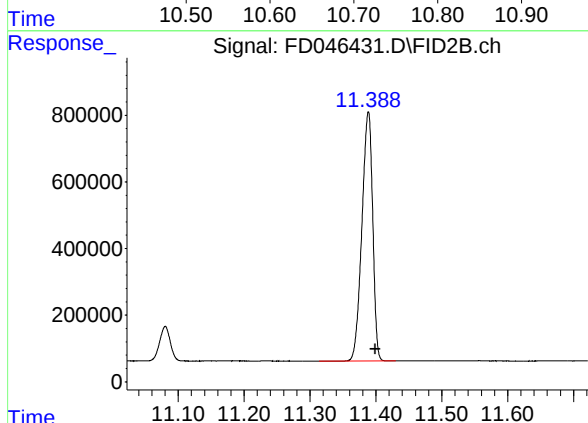
R.T.: 10.618 min
Delta R.T.: -0.012 min
Response: 8363333
Conc: 48.74 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BS



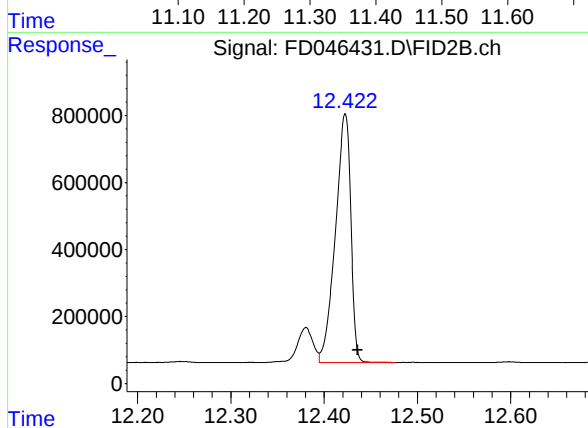
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.014 min
Response: 8251559
Conc: 48.91 ug/ml



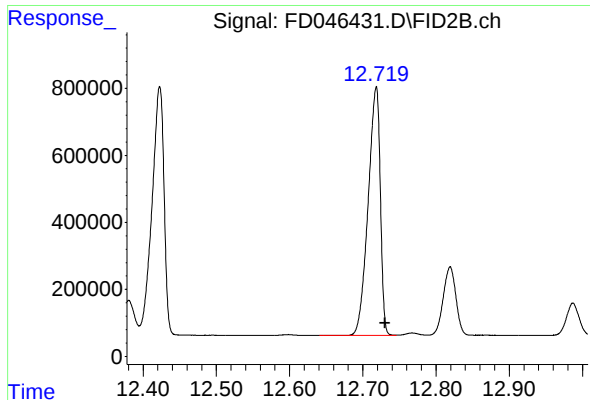
#11 ortho-Terphenyl (SURRE)

R.T.: 11.388 min
Delta R.T.: -0.011 min
Response: 8499797
Conc: 43.34 ug/ml



#12 Fluoranthene (C21.85)

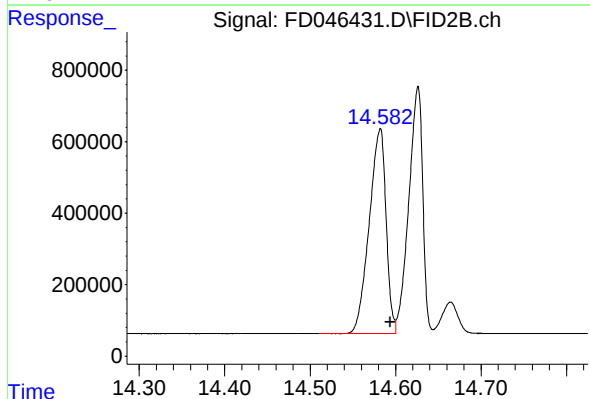
R.T.: 12.422 min
Delta R.T.: -0.014 min
Response: 8500851
Conc: 51.10 ug/ml



#13 Pyrene (C20.8)

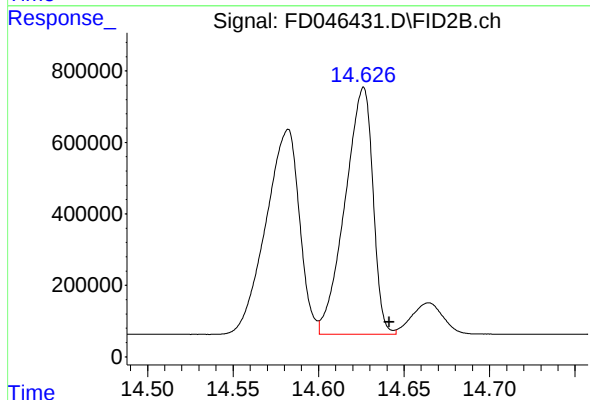
R.T.: 12.718 min
Delta R.T.: -0.013 min
Response: 8542672
Conc: 53.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BS



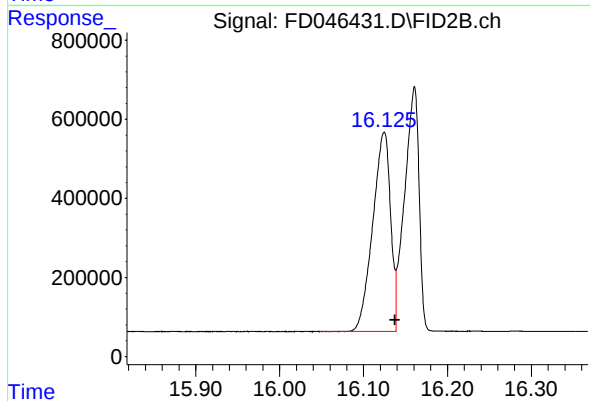
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.013 min
Response: 7842381
Conc: 55.74 ug/ml



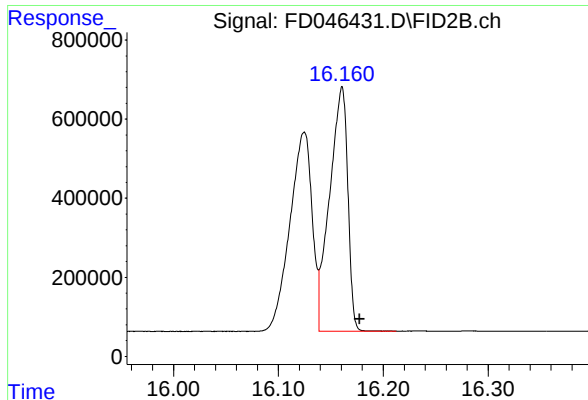
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: -0.016 min
Response: 7845867
Conc: 52.89 ug/ml



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

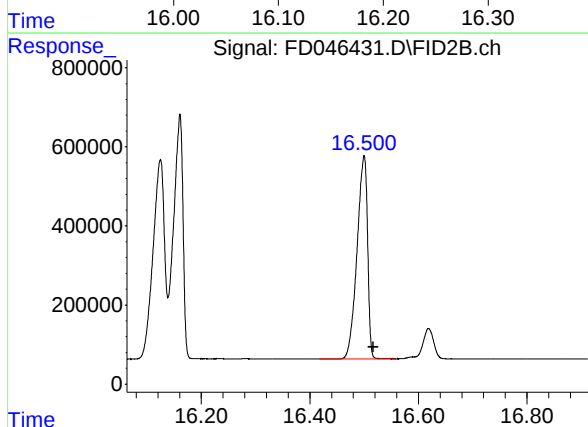
R.T.: 16.124 min
Delta R.T.: -0.013 min
Response: 7425468
Conc: 54.65 ug/ml



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

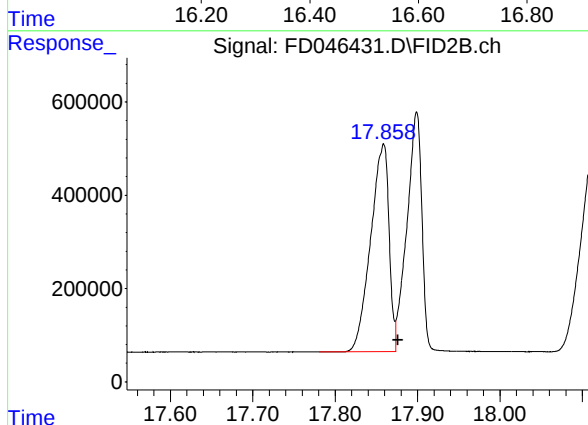
R.T.: 16.160 min
Delta R.T.: -0.018 min
Response: 7450023
Conc: 54.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BS



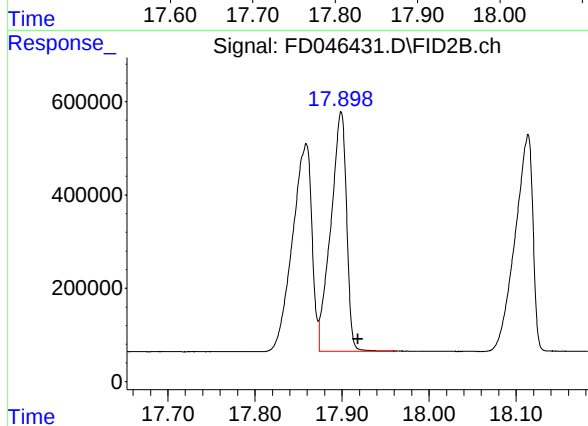
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.499 min
Delta R.T.: -0.018 min
Response: 6918860
Conc: 52.51 ug/ml



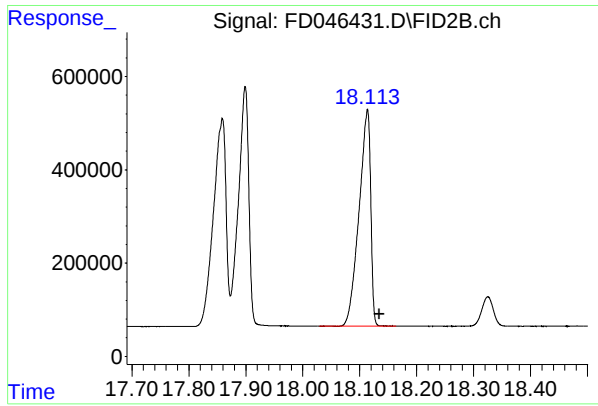
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.858 min
Delta R.T.: -0.019 min
Response: 6881371
Conc: 55.17 ug/ml



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

R.T.: 17.898 min
Delta R.T.: -0.020 min
Response: 6475621
Conc: 51.68 ug/ml



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

R.T.: 18.113 min
Delta R.T.: -0.022 min
Response: 6605419
Conc: 51.51 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155329BS