

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046031.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 15:05
 Operator : YP/AJ
 Sample : PB153788BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:15:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.519	7793406	36.165 ug/ml
Spiked Amount 50.000		Recovery =	72.33%
6) S 2-Fluorobiphenyl (SURR)	8.374	3621281	26.165 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	52.33%
11) S ortho-Terphenyl (SURR)	11.415	10101905	39.846 ug/ml
Spiked Amount 50.000		Recovery =	79.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	6256351	25.115 ug/ml
2) T Naphthalene (C11.7)	5.858	7197663	28.213 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	7387623	29.305 ug/ml
5) T Acenaphthylene (C15.06)	8.179	8210633	37.803 ug/ml
7) T Acenaphthene (C15.5)	8.475	8304154	35.229 ug/ml
8) T Fluorene (C16.55)	9.254	8209676	36.285 ug/ml
9) T Phenanthrene (C19.36)	10.645	7937019	37.197 ug/ml
10) T Anthracene (C19.43)	10.720	7846941	49.385 ug/ml
12) T Fluoranthene (C21.85)	12.450	7694437	37.598 ug/ml
13) T Pyrene (C20.8)	12.745	7693285	39.567 ug/ml
14) T Benzo[a]anthracene (C...	14.610	7220021	40.146 ug/ml
15) T Chrysene (C27.41)	14.654	7233998	36.856 ug/ml
16) T benzo[b]fluoranthene ...	16.154	7472729	39.842 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	7195107	36.374 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	6633339	38.072 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.890	6979904	37.505 ug/ml
20) T Dibenz[a,h]anthracene...	17.931	7010007	38.128 ug/ml
21) T Benzo[g,h,i]perylene ...	18.146	7116316	38.085 ug/ml

(f)=RT Delta > 1/2 Window

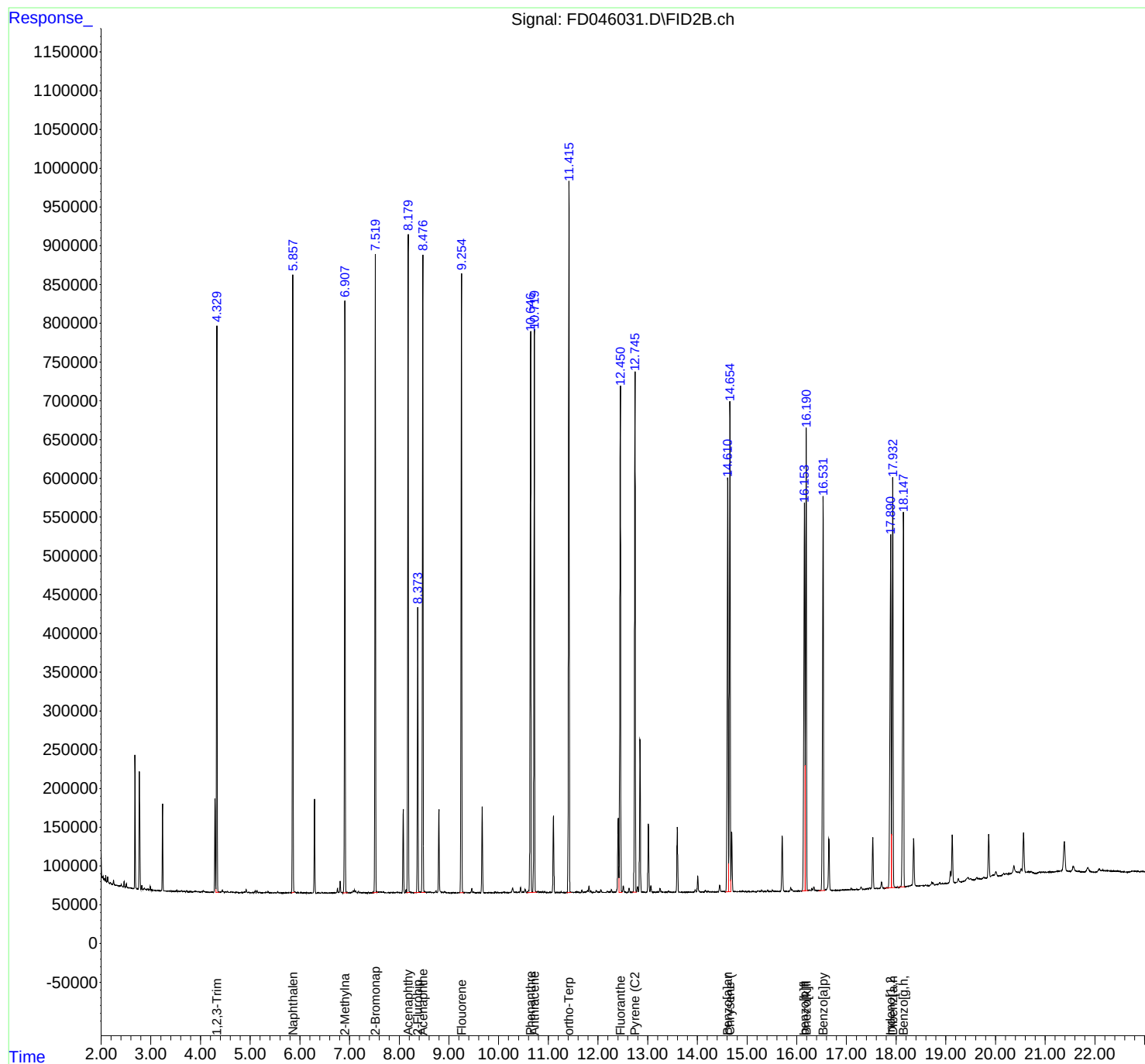
(m)=manual int.

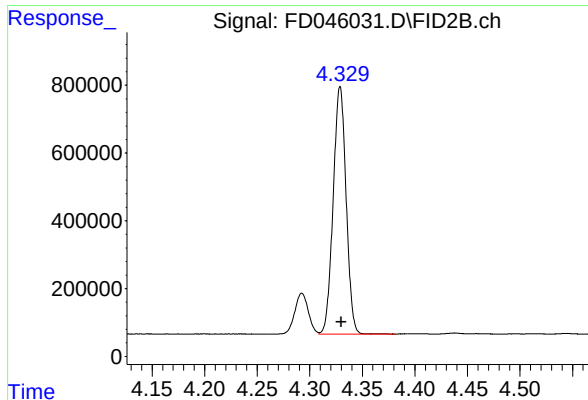
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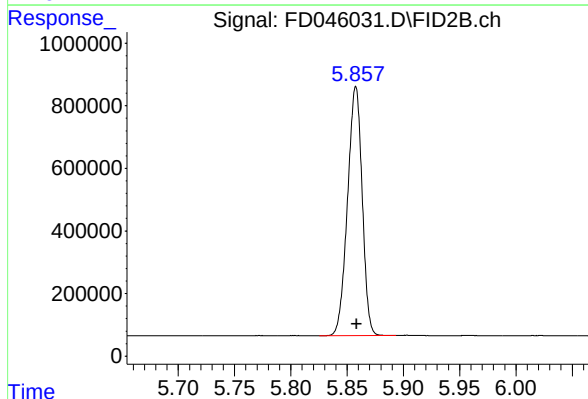




#1 1,2,3-Trimethylbenzene (C10.1)

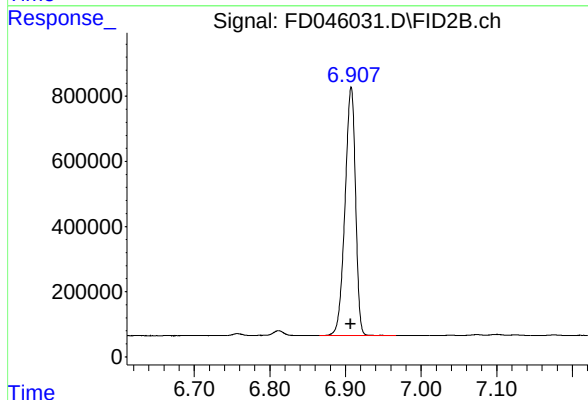
R.T.: 4.329 min
Delta R.T.: -0.001 min
Response: 6256351
Conc: 25.12 ug/ml

Instrument :
FID_D
ClientSampleId :



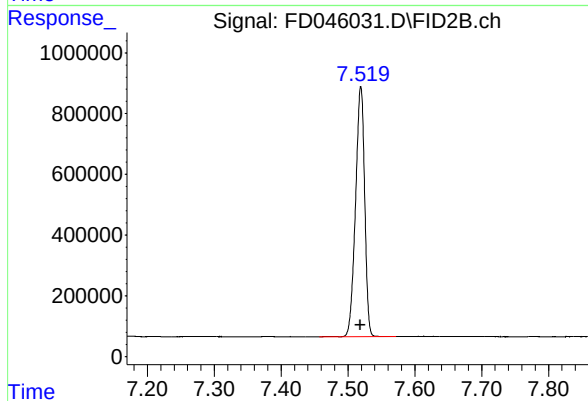
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 7197663
Conc: 28.21 ug/ml



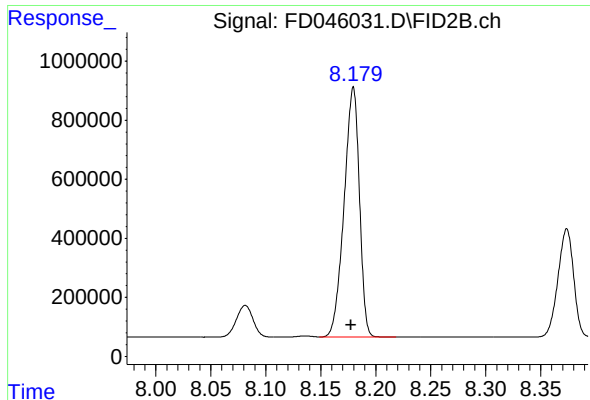
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 7387623
Conc: 29.30 ug/ml



#4 2-Bromonaphthalene (SURR)

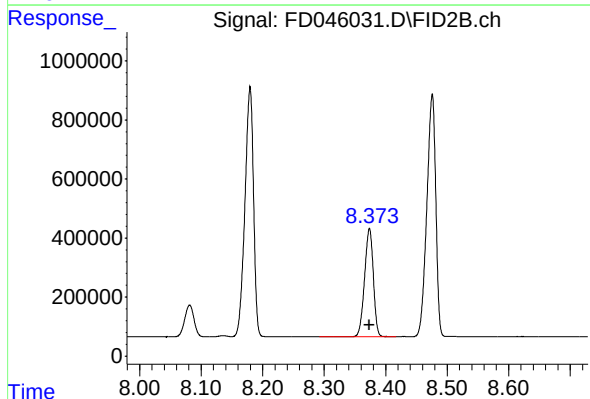
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 7793406
Conc: 36.16 ug/ml



#5 Acenaphthylene (C15.06)

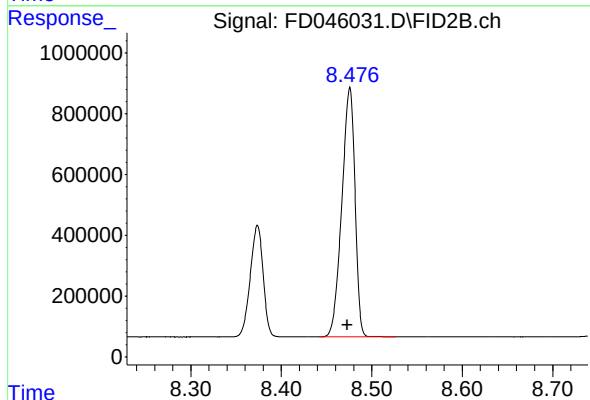
R.T.: 8.179 min
Delta R.T.: 0.002 min
Response: 8210633
Conc: 37.80 ug/ml

Instrument :
FID_D
ClientSampleId :



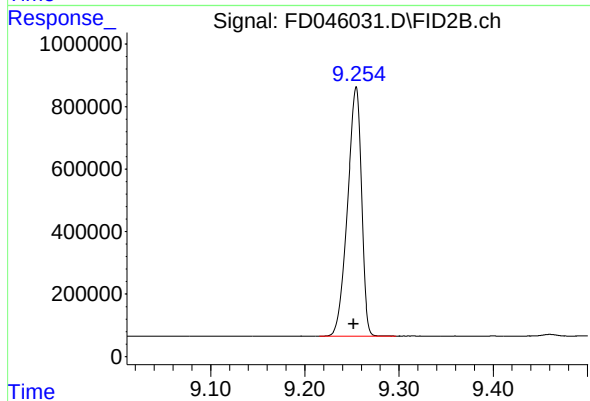
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 3621281
Conc: 26.16 ug/ml



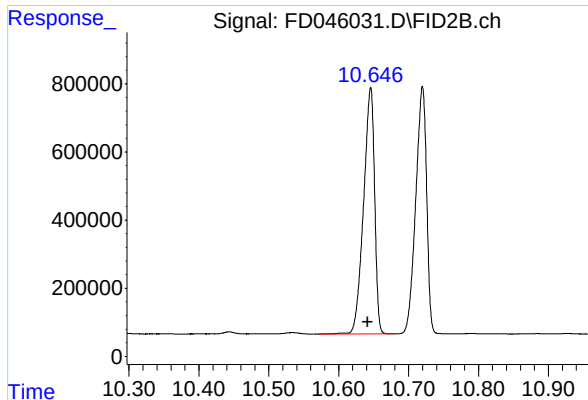
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 8304154
Conc: 35.23 ug/ml



#8 Flouorene (C16.55)

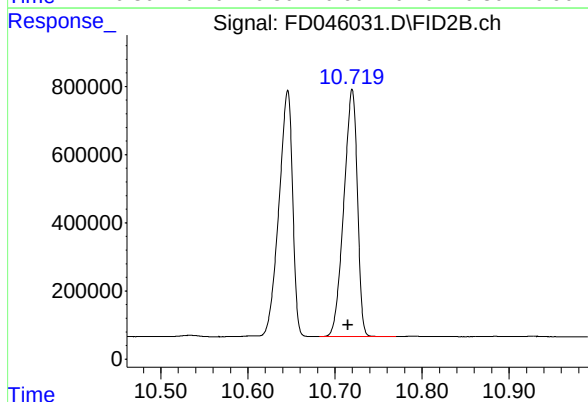
R.T.: 9.254 min
Delta R.T.: 0.002 min
Response: 8209676
Conc: 36.28 ug/ml



#9 Phenanthrene (C19.36)

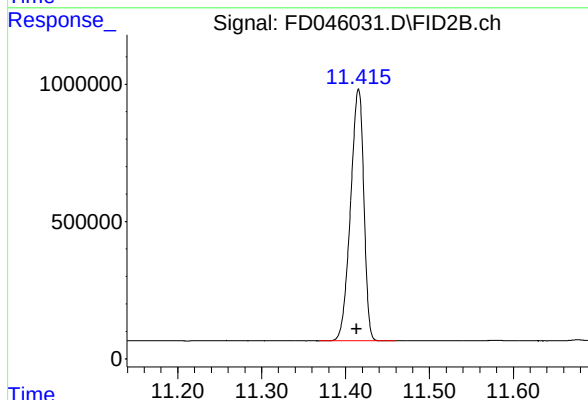
R.T.: 10.645 min
Delta R.T.: 0.004 min
Response: 7937019
Conc: 37.20 ug/ml

Instrument :
FID_D
ClientSampleId :



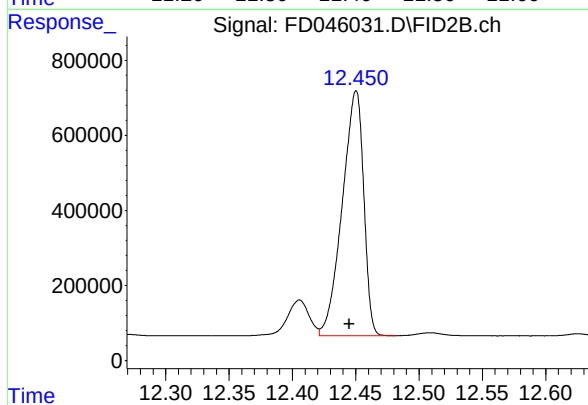
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: 0.005 min
Response: 7846941
Conc: 49.38 ug/ml



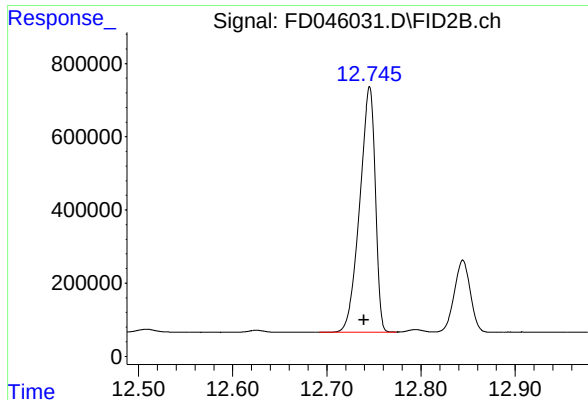
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 10101905
Conc: 39.85 ug/ml



#12 Fluoranthene (C21.85)

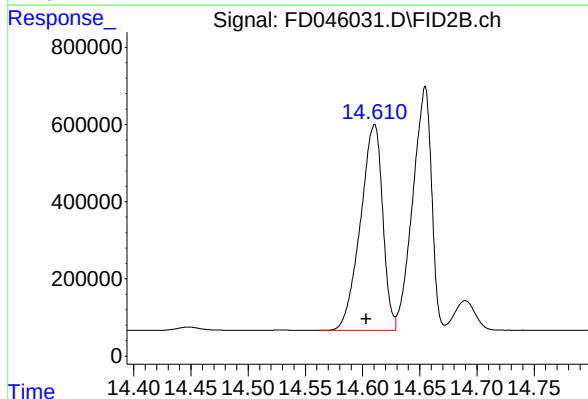
R.T.: 12.450 min
Delta R.T.: 0.005 min
Response: 7694437
Conc: 37.60 ug/ml



#13 Pyrene (C20.8)

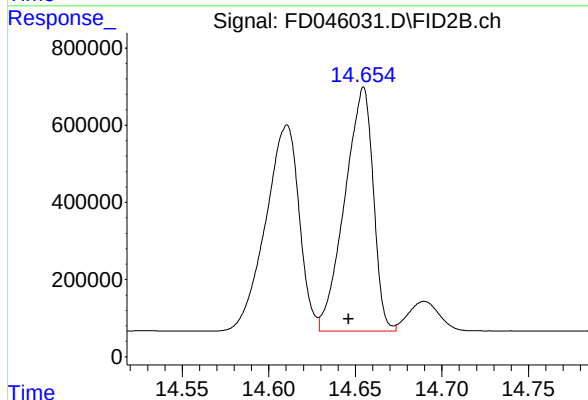
R.T.: 12.745 min
Delta R.T.: 0.006 min
Response: 7693285
Conc: 39.57 ug/ml

Instrument :
FID_D
ClientSampleId :



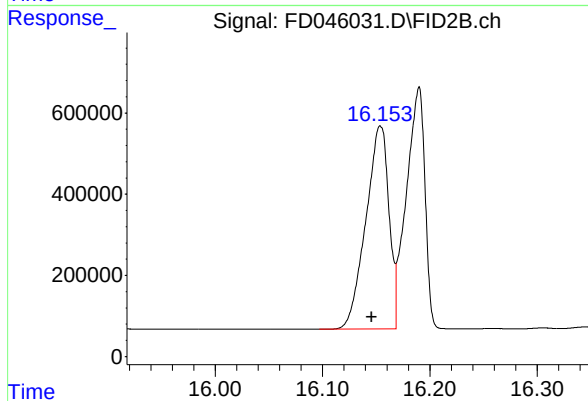
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: 0.007 min
Response: 7220021
Conc: 40.15 ug/ml



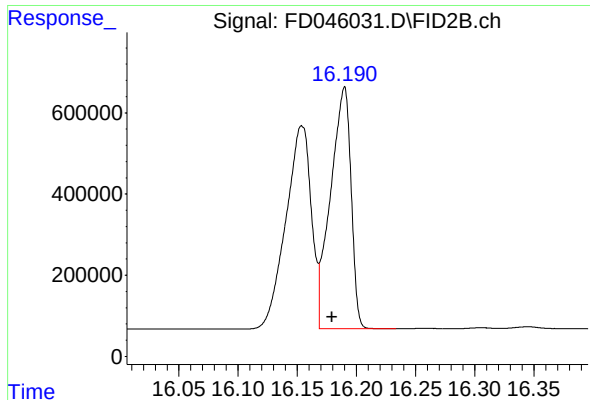
#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: 0.008 min
Response: 7233998
Conc: 36.86 ug/ml



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

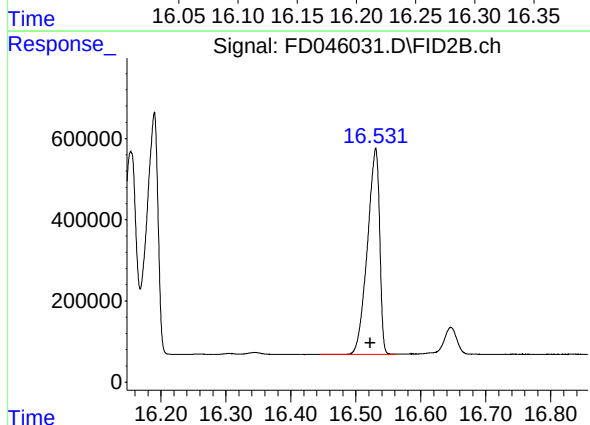
R.T.: 16.154 min
Delta R.T.: 0.008 min
Response: 7472729
Conc: 39.84 ug/ml



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

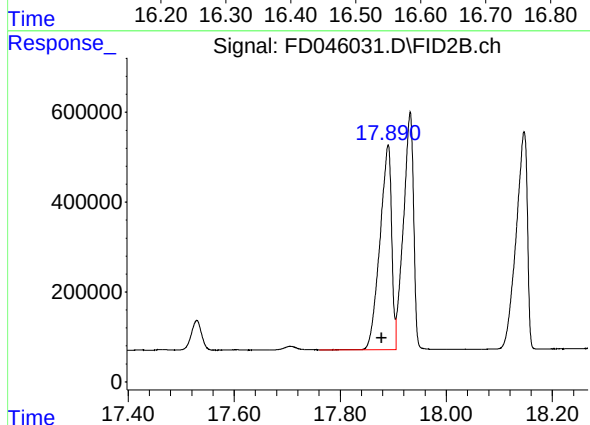
R.T.: 16.189 min
Delta R.T.: 0.010 min
Response: 7195107
Conc: 36.37 ug/ml

Instrument :
FID_D
ClientSampleId :



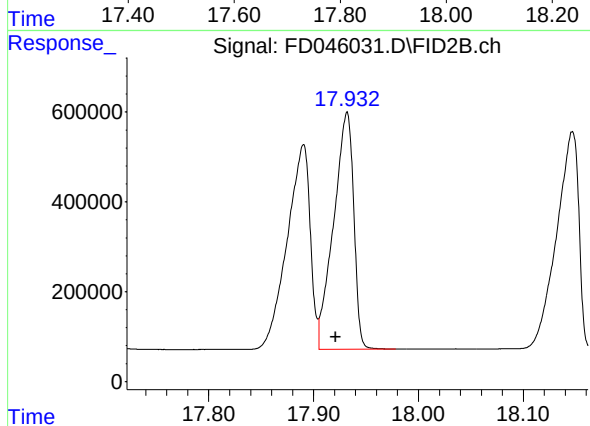
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min
Delta R.T.: 0.008 min
Response: 6633339
Conc: 38.07 ug/ml



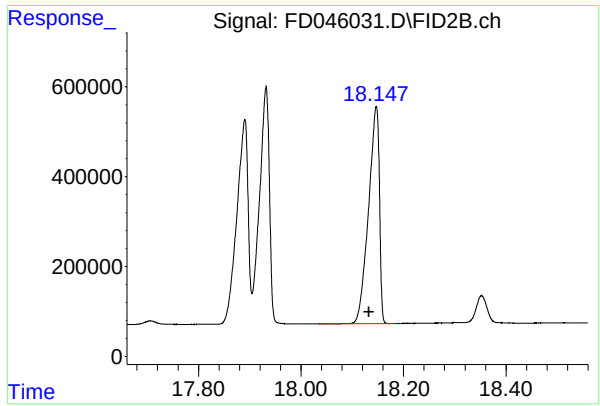
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.890 min
Delta R.T.: 0.011 min
Response: 6979904
Conc: 37.50 ug/ml



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

R.T.: 17.931 min
Delta R.T.: 0.010 min
Response: 7010007
Conc: 38.13 ug/ml



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

R.T.: 18.146 min

Delta R.T.: 0.014 min

Response: 7116316

Conc: 38.09 ug/ml

Instrument :

FID_D

ClientSampleId :