

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046615.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2023 23:59
 Operator : YP/AJ
 Sample : PB156016BSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156016BSD

Integration File: autoint1.e
 Quant Time: Oct 03 03:34:28 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...	7.491	8711260	49.432 ug/ml
Spiked Amount 50.000		Recovery =	98.86%
6) S 2-Fluorobiphenyl (SURR)	8.345	5607310	48.398 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.80%
11) S ortho-Terphenyl (SURR)	11.384	9873490	48.464 ug/ml
Spiked Amount 50.000		Recovery =	96.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	5716320	30.950 ug/ml
2) T Naphthalene (C11.7)	5.830	6717231	34.762 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	7140853	36.849 ug/ml
5) T Acenaphthylene (C15.06)	8.149	7674342	43.524 ug/ml
7) T Acenaphthene (C15.5)	8.445	7565004	40.262 ug/ml
8) T Fluorene (C16.55)	9.223	7845062	43.489 ug/ml
9) T Phenanthrene (C19.36)	10.612	7970678	45.333 ug/ml
10) T Anthracene (C19.43)	10.688	7867911	51.225 ug/ml
12) T Fluoranthene (C21.85)	12.416	8090440	47.468 ug/ml
13) T Pyrene (C20.8)	12.711	8145538	49.653 ug/ml
14) T Benzo[a]anthracene (C...	14.574	7430747	53.216 ug/ml
15) T Chrysene (C27.41)	14.618	7489471	49.337 ug/ml
16) T benzo[b]fluoranthene ...	16.116	7119832	51.906 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	7066781	51.015 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	6710493	50.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	6679464	53.287 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	6336758	47.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	6345808	48.121 ug/ml

(f)=RT Delta > 1/2 Window

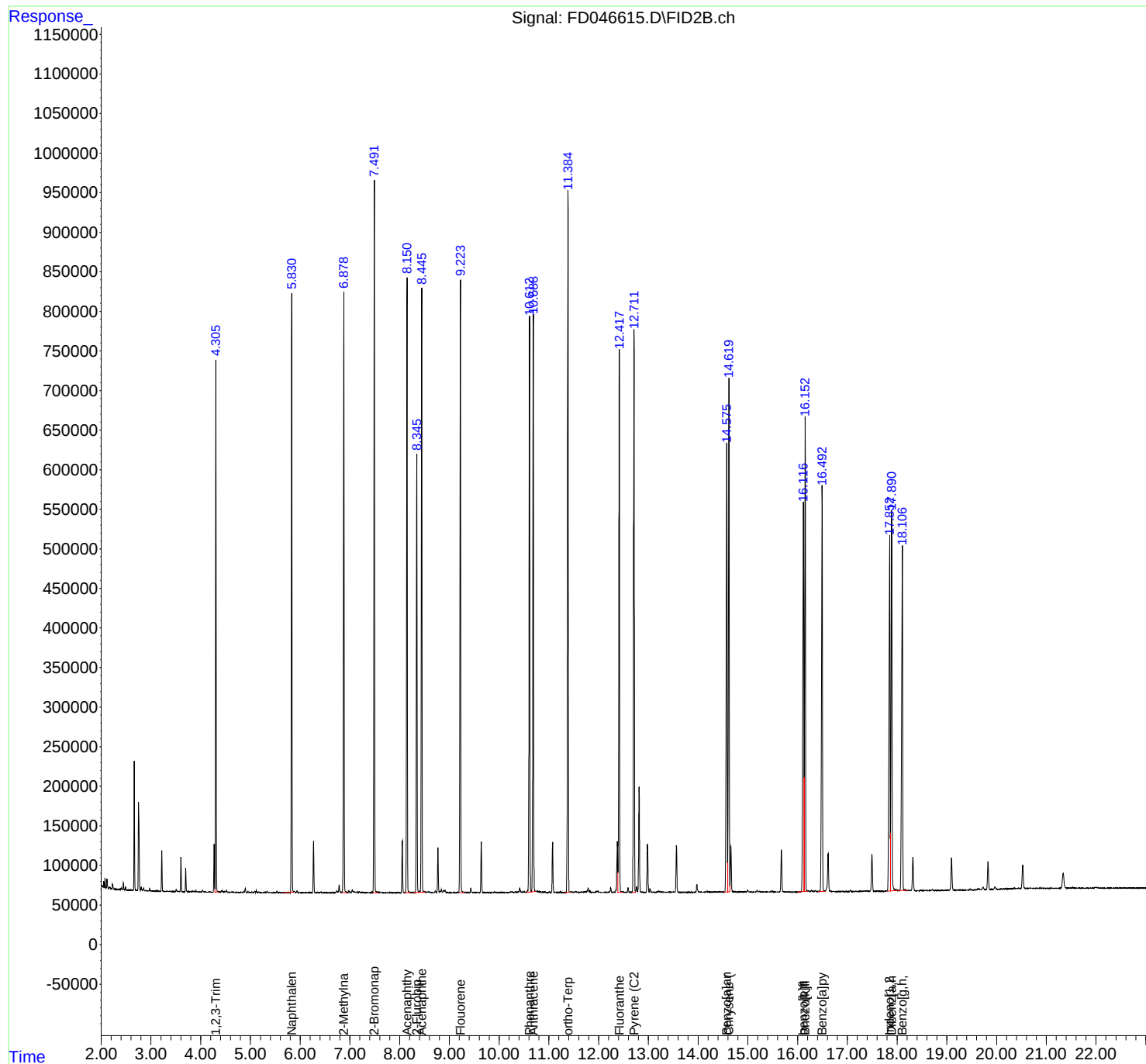
(m)=manual int.

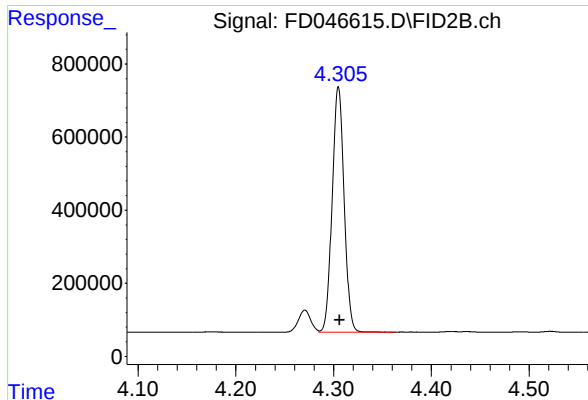
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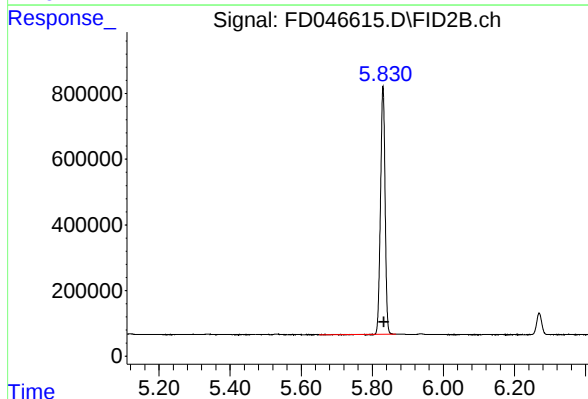




#1 1,2,3-Trimethylbenzene (C10.1)

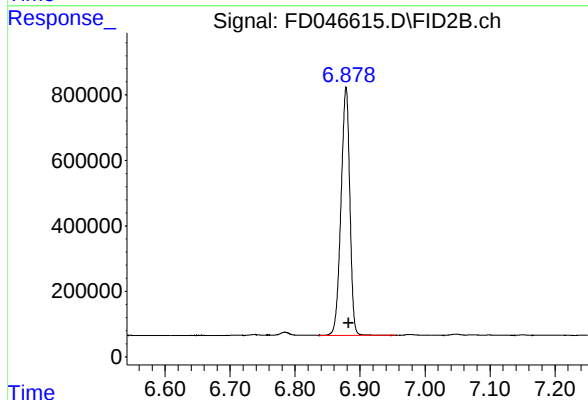
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 5716320
Conc: 30.95 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BSD



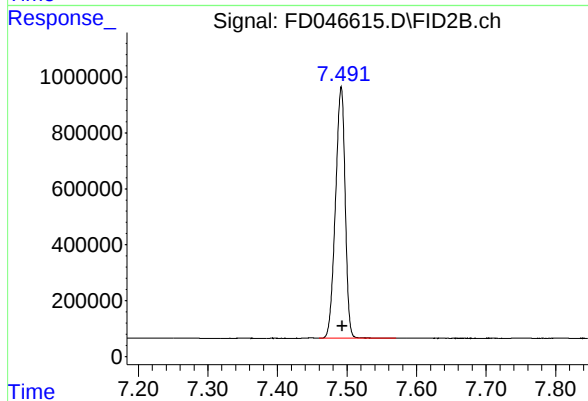
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 6717231
Conc: 34.76 ug/ml



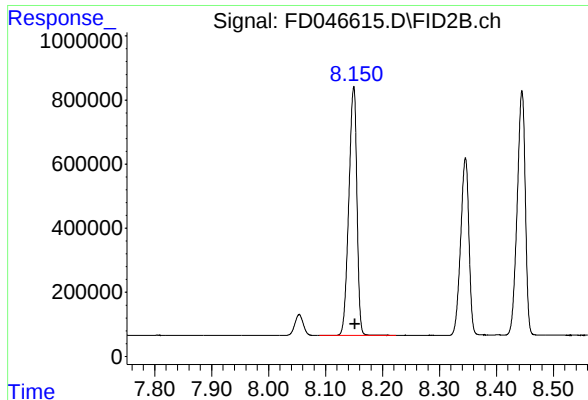
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 7140853
Conc: 36.85 ug/ml



#4 2-Bromonaphthalene (SURR)

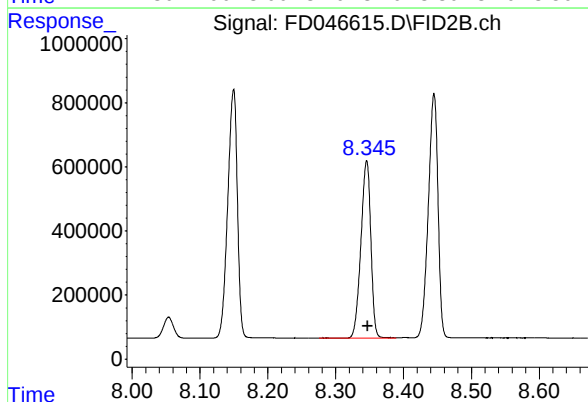
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 8711260
Conc: 49.43 ug/ml



#5 Acenaphthylene (C15.06)

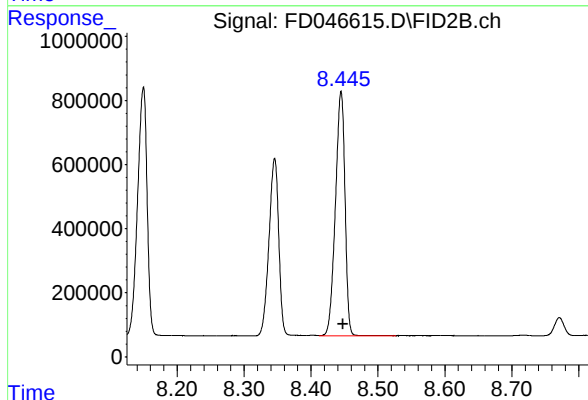
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 7674342
Conc: 43.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BSD



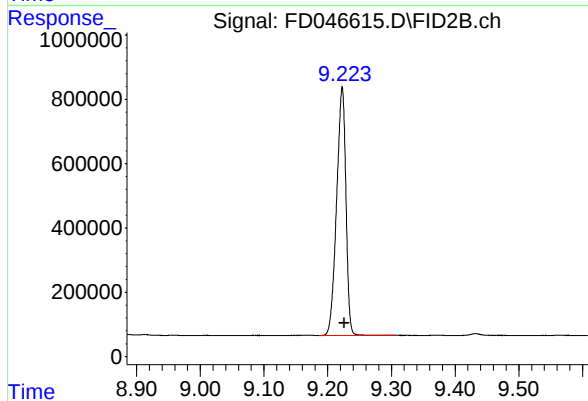
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 5607310
Conc: 48.40 ug/ml



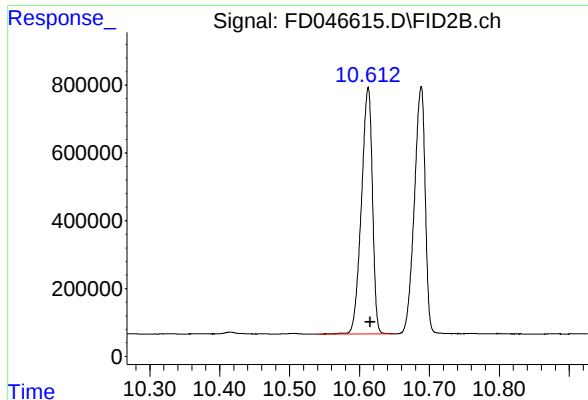
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 7565004
Conc: 40.26 ug/ml



#8 Flouorene (C16.55)

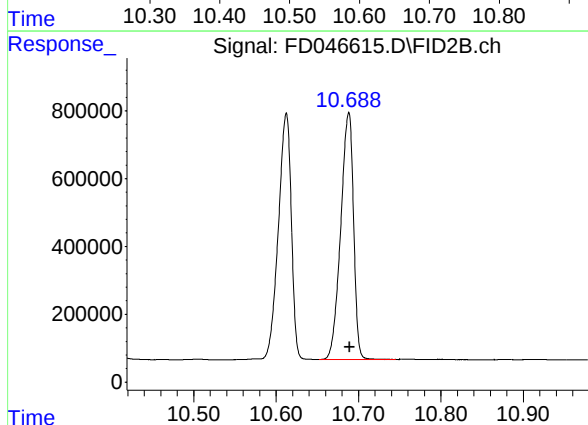
R.T.: 9.223 min
Delta R.T.: -0.004 min
Response: 7845062
Conc: 43.49 ug/ml



#9 Phenanthrene (C19.36)

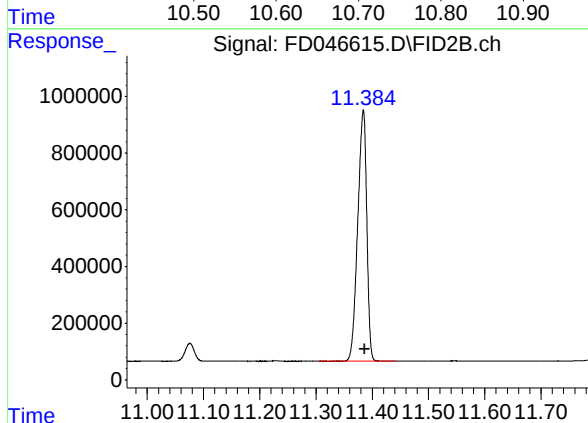
R.T.: 10.612 min
Delta R.T.: -0.003 min
Response: 7970678
Conc: 45.33 ug/ml

Instrument :
FID_D
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PB156016BSD



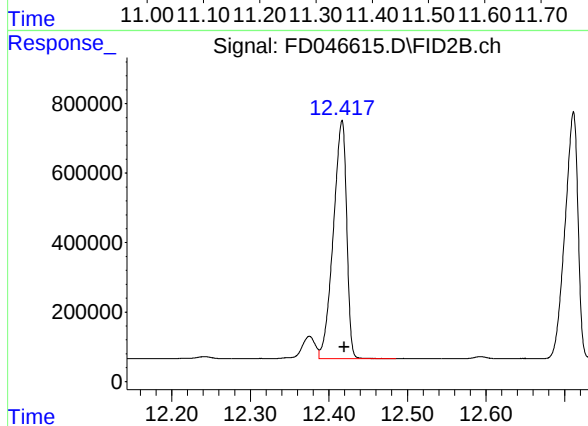
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: -0.002 min
Response: 7867911
Conc: 51.23 ug/ml



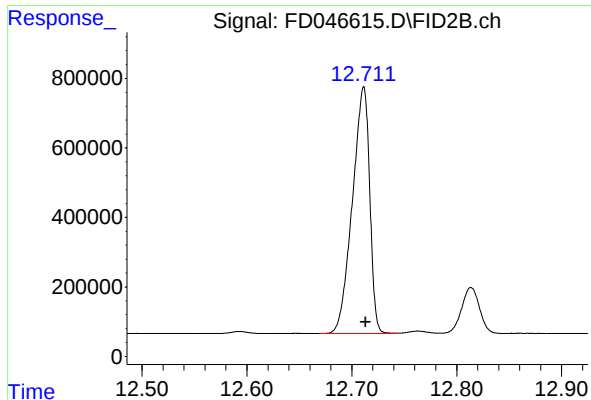
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 9873490
Conc: 48.46 ug/ml



#12 Fluoranthene (C21.85)

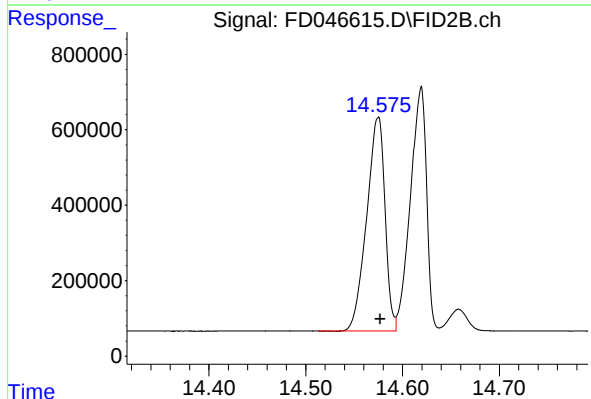
R.T.: 12.416 min
Delta R.T.: -0.004 min
Response: 8090440
Conc: 47.47 ug/ml



#13 Pyrene (C20.8)

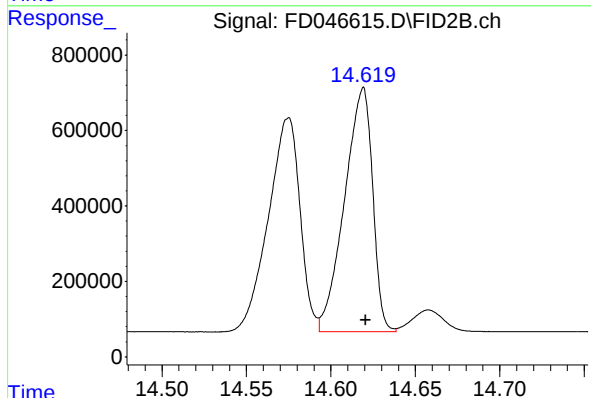
R.T.: 12.711 min
Delta R.T.: -0.003 min
Response: 8145538
Conc: 49.65 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BSD



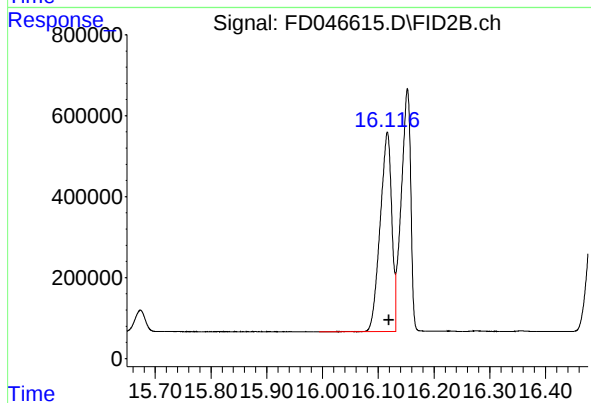
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.003 min
Response: 7430747
Conc: 53.22 ug/ml



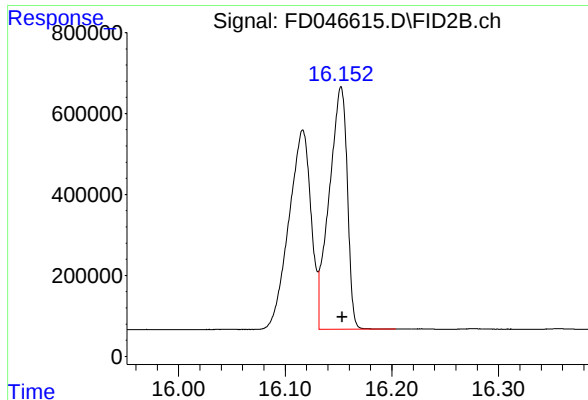
#15 Chrysene (C27.41)

R.T.: 14.618 min
Delta R.T.: -0.002 min
Response: 7489471
Conc: 49.34 ug/ml



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

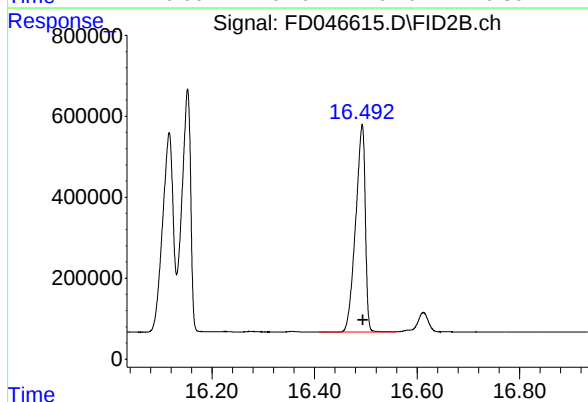
R.T.: 16.116 min
Delta R.T.: -0.003 min
Response: 7119832
Conc: 51.91 ug/ml



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

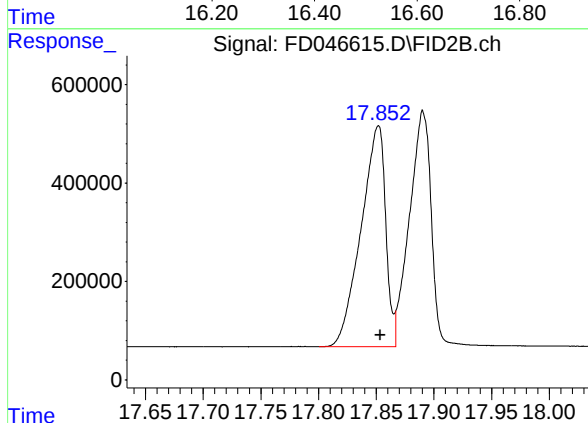
R.T.: 16.152 min
Delta R.T.: -0.002 min
Response: 7066781
Conc: 51.01 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BSD



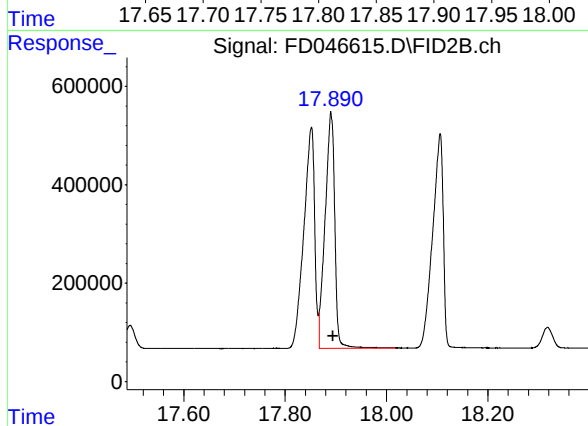
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min
Delta R.T.: -0.002 min
Response: 6710493
Conc: 50.16 ug/ml



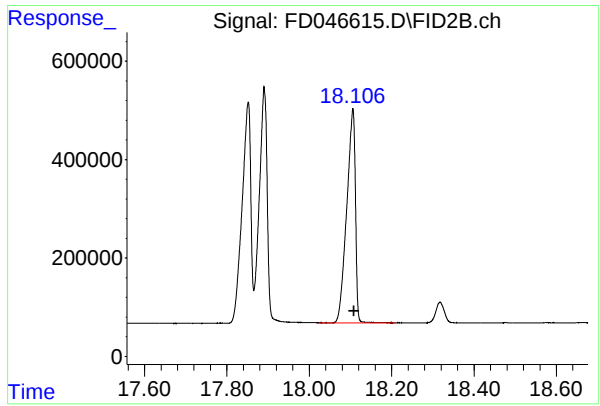
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: -0.002 min
Response: 6679464
Conc: 53.29 ug/ml



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

R.T.: 17.890 min
Delta R.T.: -0.004 min
Response: 6336758
Conc: 47.62 ug/ml



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

R.T.: 18.105 min

Delta R.T.: -0.003 min

Response: 6345808

Conc: 48.12 ug/ml

Instrument :

FID_D

ClientSampleId :

PB156016BSD