

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AR\
 Data File : FD046701.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 23:43
 Operator : YP/AJ
 Sample : PB156210BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156210BS

Integration File: autoint1.e
 Quant Time: Oct 10 02:57:34 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	8701194	49.375 ug/ml
Spiked Amount 50.000		Recovery =	98.75%
6) S 2-Fluorobiphenyl (SURR)	8.345	5426001	46.833 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.67%
11) S ortho-Terphenyl (SURR)	11.384	9521039	46.734 ug/ml
Spiked Amount 50.000		Recovery =	93.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	5897531	31.931 ug/ml
2) T Naphthalene (C11.7)	5.829	6610409	34.209 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	6833333	35.262 ug/ml
5) T Acenaphthylene (C15.06)	8.148	7006116	39.734 ug/ml
7) T Acenaphthene (C15.5)	8.444	7266014	38.671 ug/ml
8) T Fluorene (C16.55)	9.223	7506851	41.615 ug/ml
9) T Phenanthrene (C19.36)	10.612	7775409	44.222 ug/ml
10) T Anthracene (C19.43)	10.688	7720549	50.266 ug/ml
12) T Fluoranthene (C21.85)	12.417	8015486	47.028 ug/ml
13) T Pyrene (C20.8)	12.712	8007825	48.814 ug/ml
14) T Benzo[a]anthracene (C...	14.576	7328744	52.486 ug/ml
15) T Chrysene (C27.41)	14.620	7327027	48.267 ug/ml
16) T benzo[b]fluoranthene ...	16.119	7121978	51.922 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	6973268	50.340 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	6411053	47.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	6652575	53.072 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	6207324	46.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	6319639	47.922 ug/ml

(f)=RT Delta > 1/2 Window

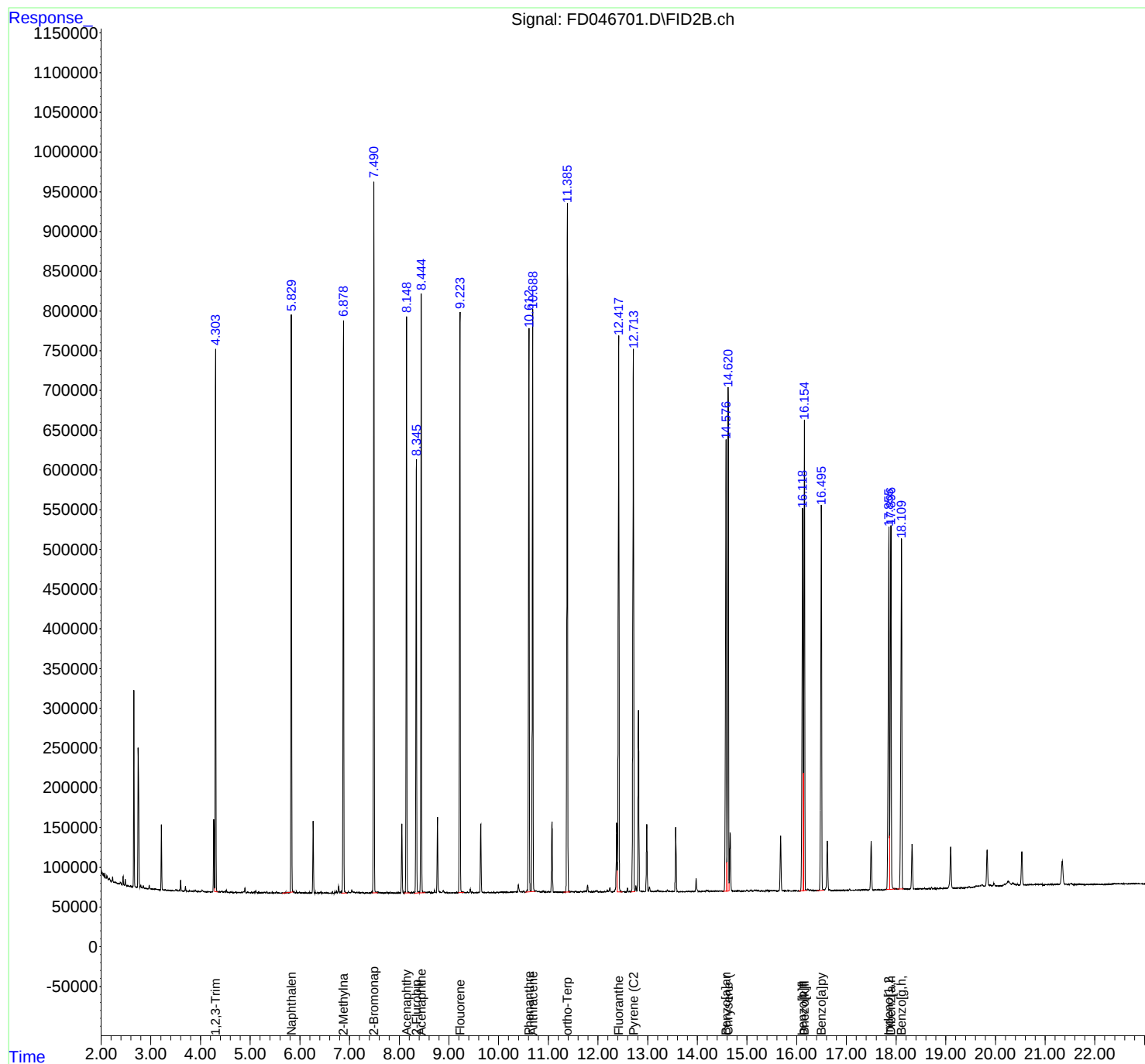
(m)=manual int.

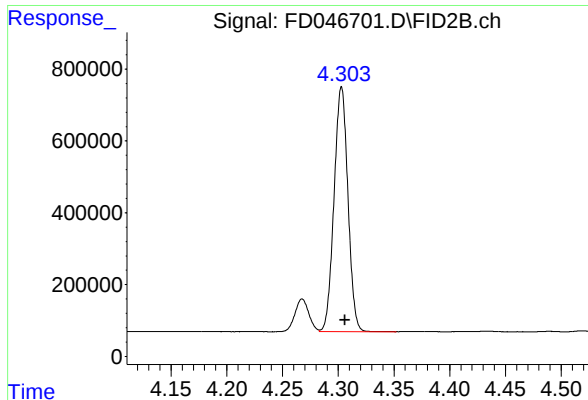
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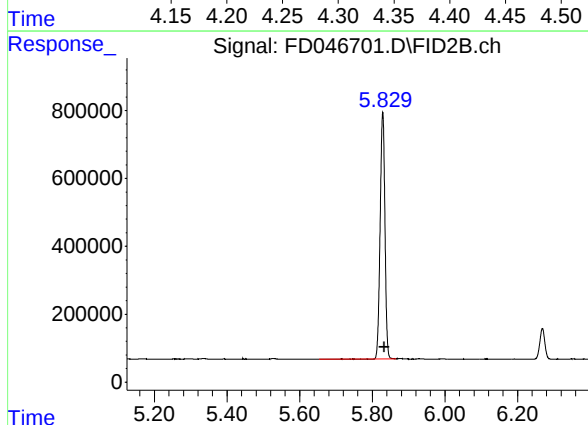




#1 1,2,3-Trimethylbenzene (C10.1)

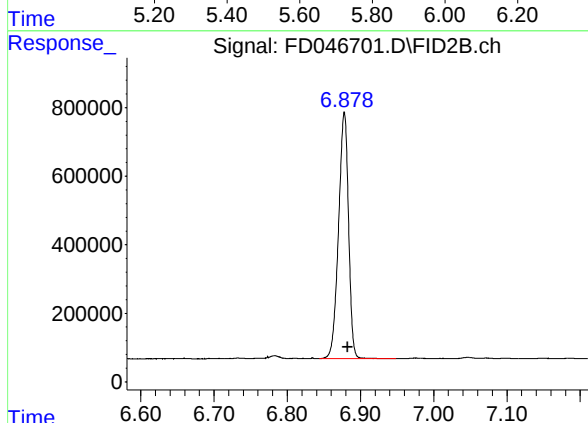
R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 5897531
Conc: 31.93 ug/ml

Instrument :
FID_D
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PB156210BS



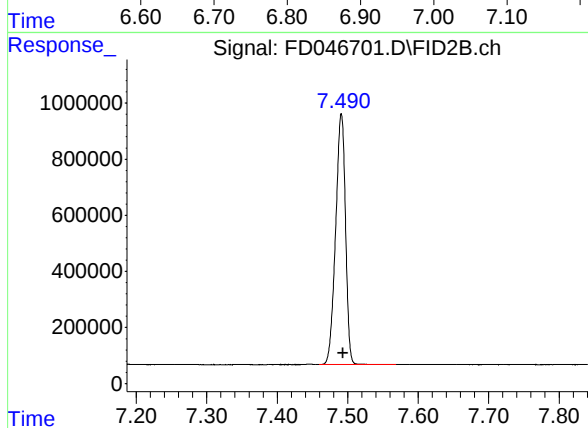
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 6610409
Conc: 34.21 ug/ml



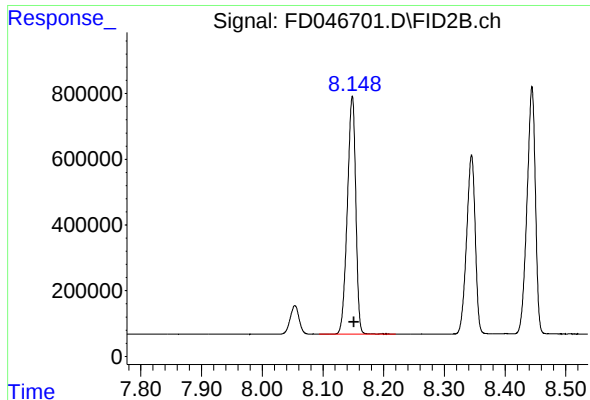
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 6833333
Conc: 35.26 ug/ml



#4 2-Bromonaphthalene (SURR)

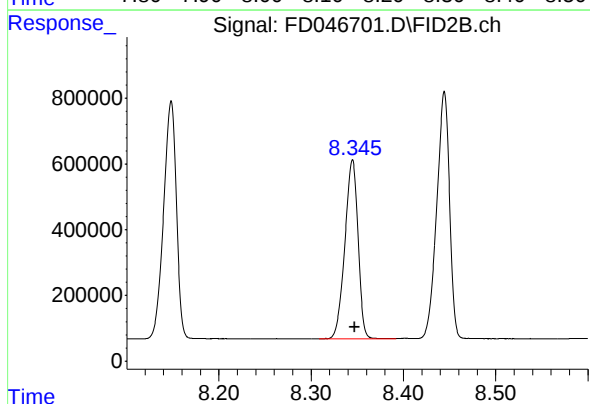
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 8701194
Conc: 49.38 ug/ml



#5 Acenaphthylene (C15.06)

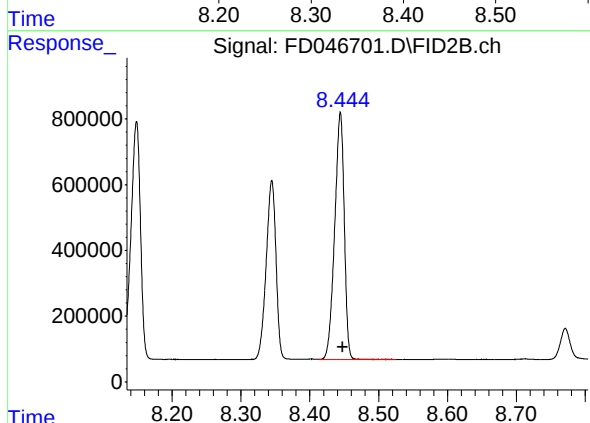
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 7006116
Conc: 39.73 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156210BS



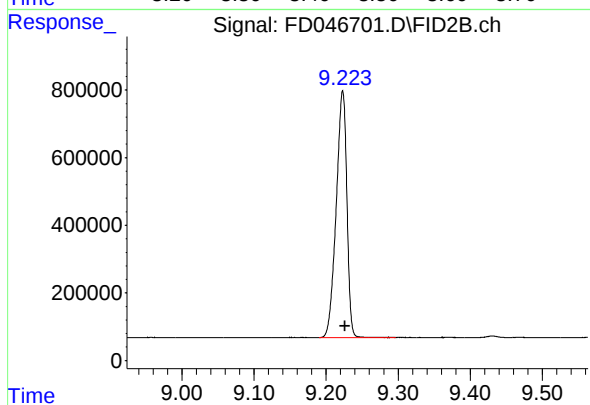
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 5426001
Conc: 46.83 ug/ml



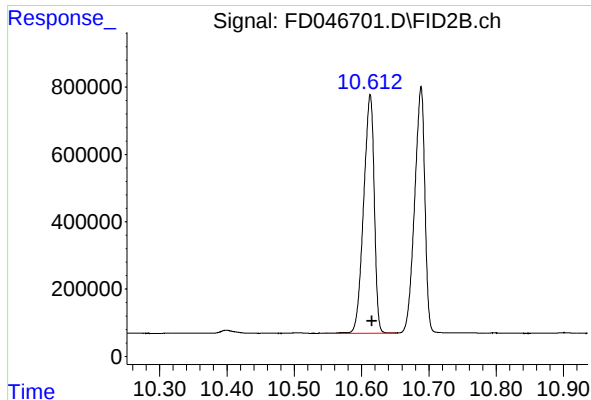
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 7266014
Conc: 38.67 ug/ml



#8 Flouorene (C16.55)

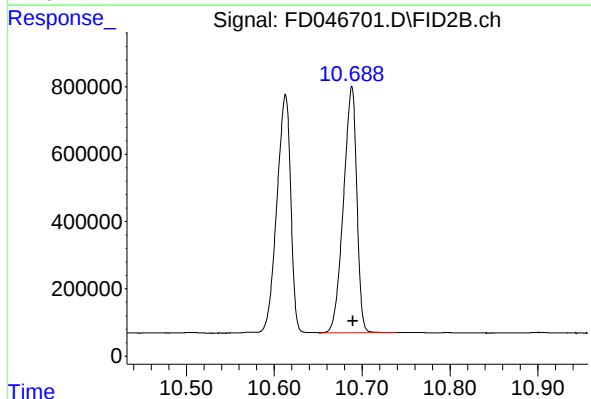
R.T.: 9.223 min
Delta R.T.: -0.003 min
Response: 7506851
Conc: 41.61 ug/ml



#9 Phenanthrene (C19.36)

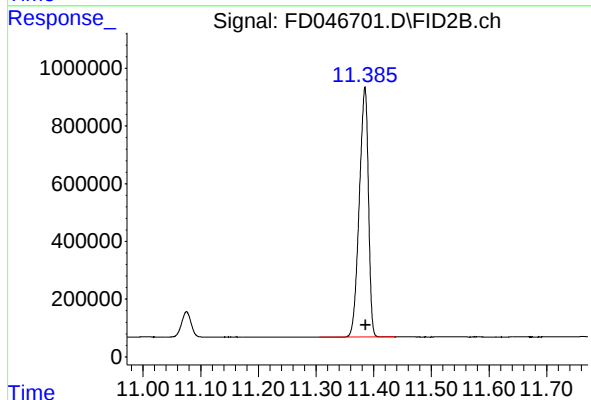
R.T.: 10.612 min
Delta R.T.: -0.003 min
Response: 7775409
Conc: 44.22 ug/ml

Instrument :
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PB156210BS



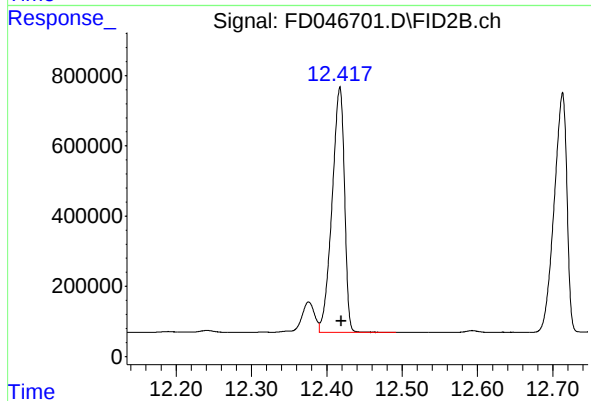
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: -0.002 min
Response: 7720549
Conc: 50.27 ug/ml



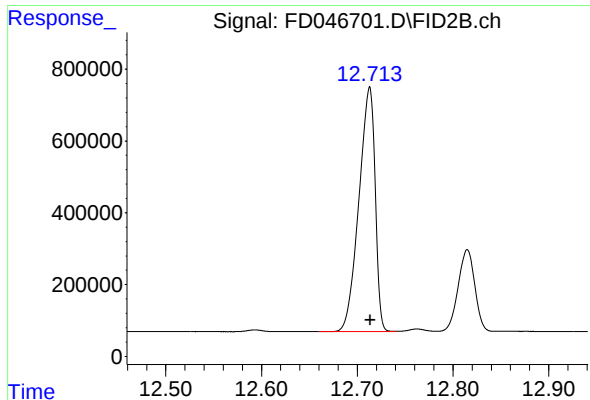
#11 ortho-Terphenyl (SURRE)

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 9521039
Conc: 46.73 ug/ml



#12 Fluoranthene (C21.85)

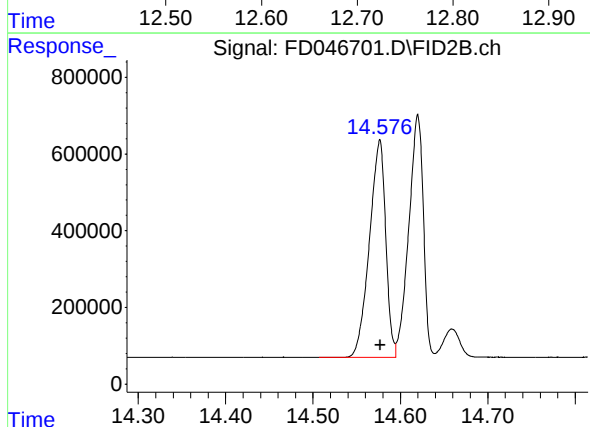
R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 8015486
Conc: 47.03 ug/ml



#13 Pyrene (C20.8)

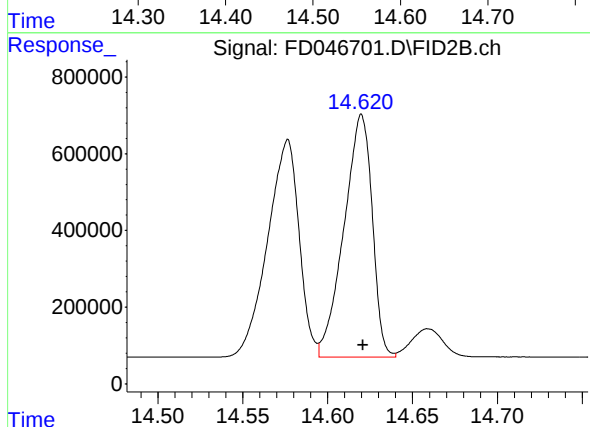
R.T.: 12.712 min
Delta R.T.: -0.001 min
Response: 8007825
Conc: 48.81 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156210BS



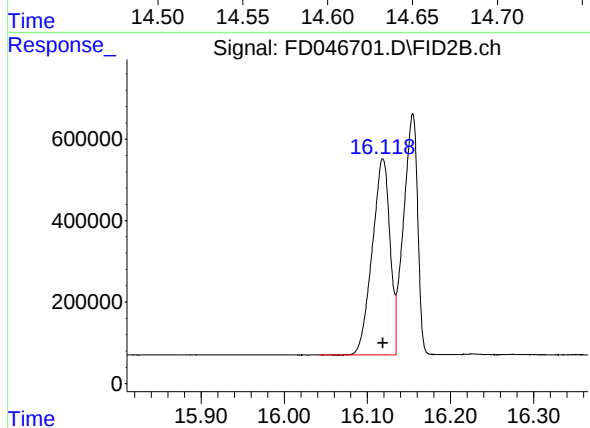
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: -0.001 min
Response: 7328744
Conc: 52.49 ug/ml



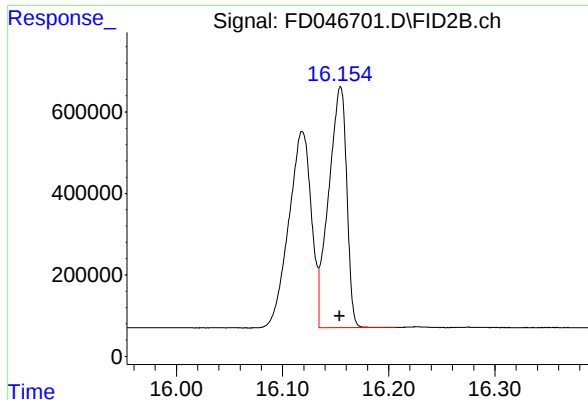
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.001 min
Response: 7327027
Conc: 48.27 ug/ml



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

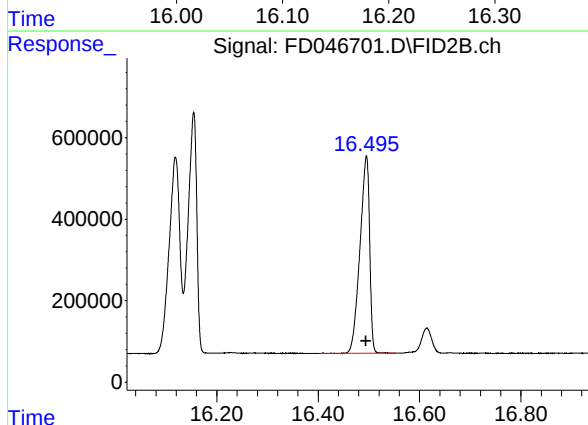
R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 7121978
Conc: 51.92 ug/ml



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

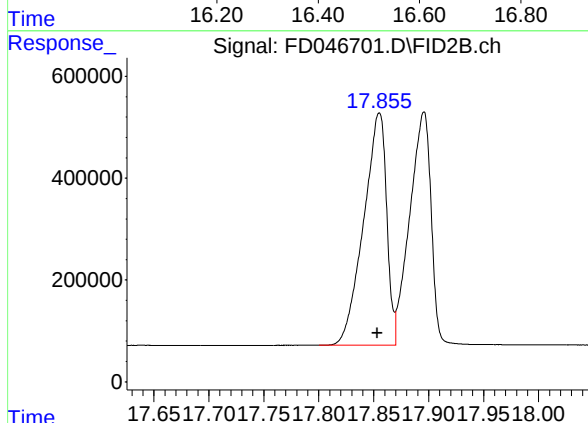
R.T.: 16.154 min
Delta R.T.: 0.000 min
Response: 6973268
Conc: 50.34 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156210BS



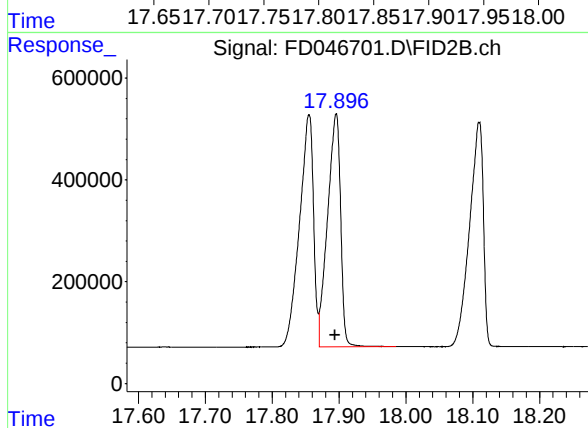
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.000 min
Response: 6411053
Conc: 47.92 ug/ml



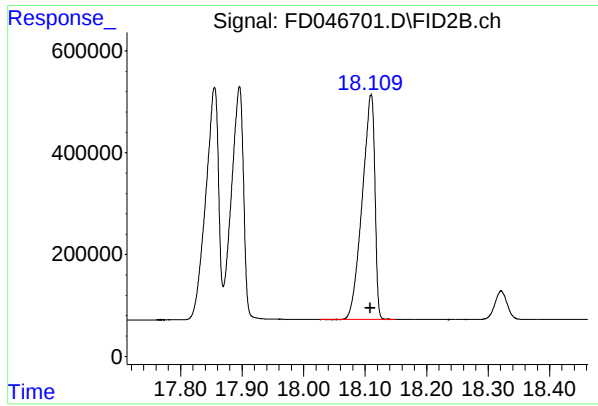
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.001 min
Response: 6652575
Conc: 53.07 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.001 min
Response: 6207324
Conc: 46.65 ug/ml



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

R.T.: 18.109 min

Delta R.T.: 0.000 min

Response: 6319639

Conc: 47.92 ug/ml

Instrument :

FID_D

ClientSampleId :

PB156210BS