

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046742.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2023 17:48
 Operator : YP/AJ
 Sample : PB156368BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156368BSD

Integration File: autoint1.e
 Quant Time: Oct 14 03:00:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.490	9010516	48.539 ug/ml
Spiked Amount 50.000		Recovery =	97.08%
6) S 2-Fluorobiphenyl (SURR)	8.344	5599395	46.214 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.43%
11) S ortho-Terphenyl (SURR)	11.383	9894222	45.731 ug/ml
Spiked Amount 50.000		Recovery =	91.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	6101425	31.421 ug/ml
2) T Naphthalene (C11.7)	5.828	6863375	33.926 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	7065218	34.589 ug/ml
5) T Acenaphthylene (C15.06)	8.147	7240759	39.225 ug/ml
7) T Acenaphthene (C15.5)	8.443	7502610	37.741 ug/ml
8) T Flouorene (C16.55)	9.221	7761599	40.775 ug/ml
9) T Phenanthrene (C19.36)	10.611	8082723	43.851 ug/ml
10) T Anthracene (C19.43)	10.687	7952852	60.831 ug/ml
12) T Fluoranthene (C21.85)	12.416	8339249	45.771 ug/ml
13) T Pyrene (C20.8)	12.710	8348677	47.608 ug/ml
14) T Benzo[a]anthracene (C...	14.575	7652839	52.257 ug/ml
15) T Chrysene (C27.41)	14.618	7647120	47.530 ug/ml
16) T benzo[b]fluoranthene ...	16.117	7466553	49.969 ug/ml
17) T Bnezo[k]fluoranthene ...	16.153	7265144	48.295 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	6709726	47.445 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.853	6903986	50.925 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	6436496	45.553 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	6561346	46.643 ug/ml

(f)=RT Delta > 1/2 Window

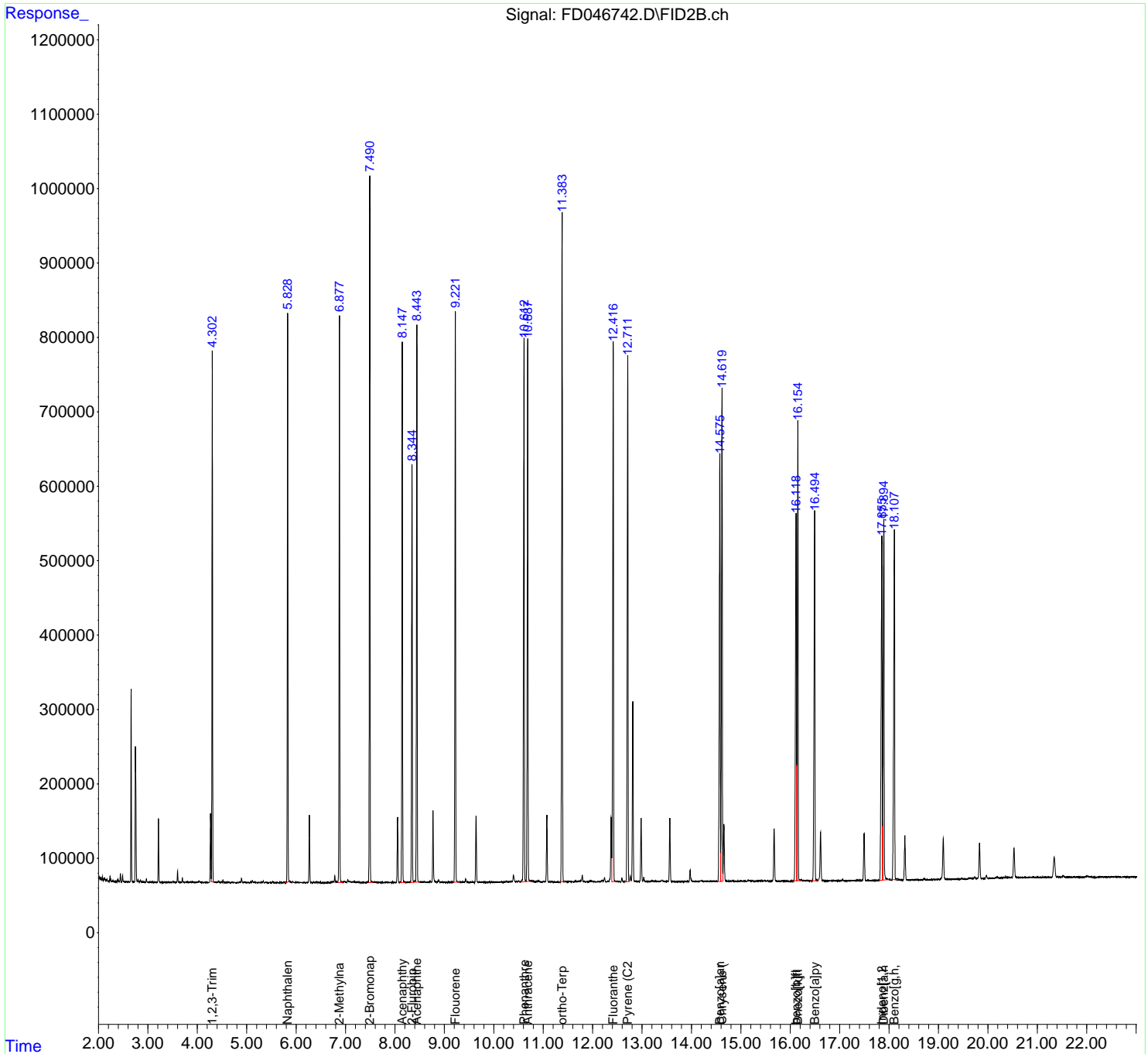
(m)=manual int.

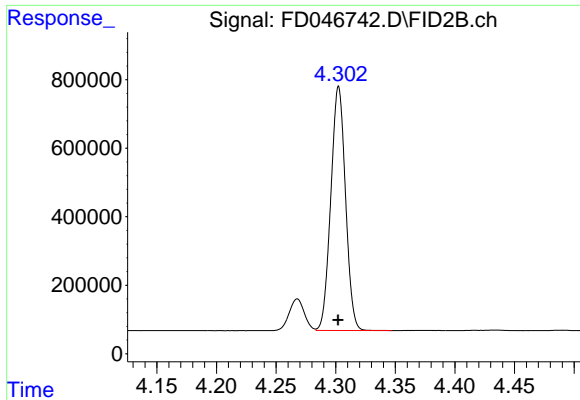
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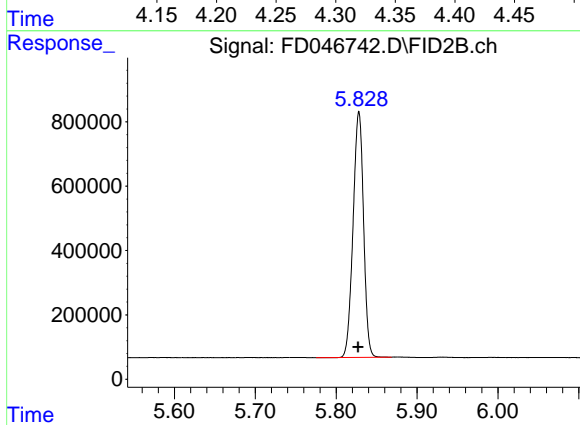




#1 1,2,3-Trimethylbenzene (C10.1)

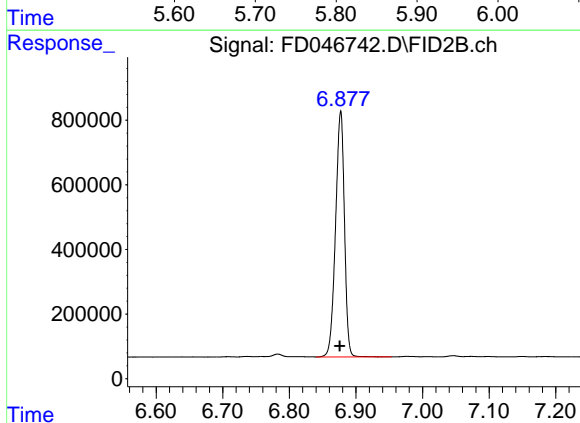
R.T.: 4.303 min
 Delta R.T.: 0.000 min
 Response: 6101425
 Conc: 31.42 ug/ml

Instrument :
 FID_D
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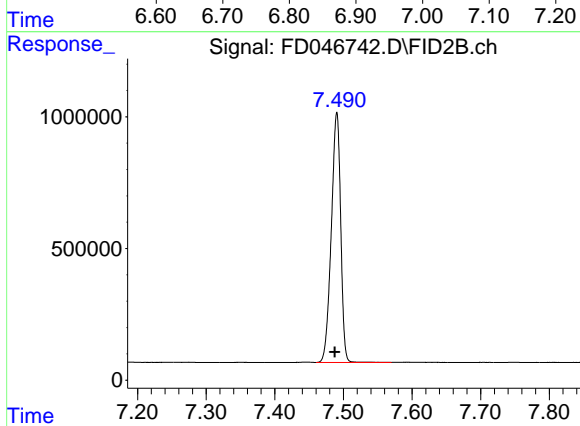
#2 Naphthalene (C11.7)

R.T.: 5.828 min
 Delta R.T.: 0.000 min
 Response: 6863375
 Conc: 33.93 ug/ml



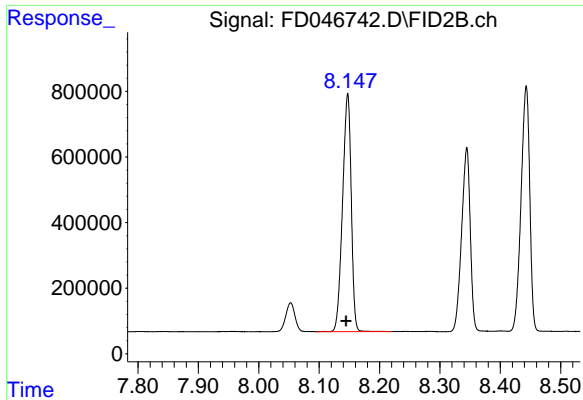
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
 Delta R.T.: 0.001 min
 Response: 7065218
 Conc: 34.59 ug/ml



#4 2-Bromonaphthalene (SURR)

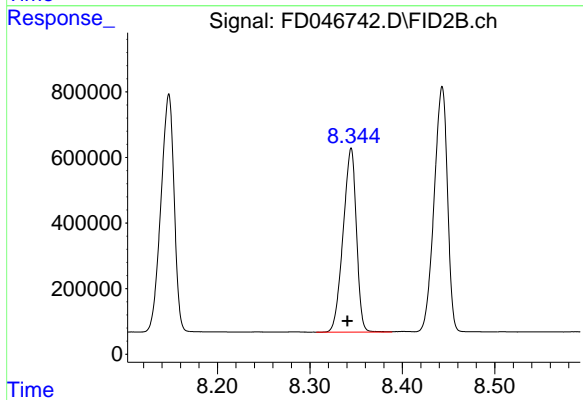
R.T.: 7.490 min
 Delta R.T.: 0.003 min
 Response: 9010516
 Conc: 48.54 ug/ml



#5 Acenaphthylene (C15.06)

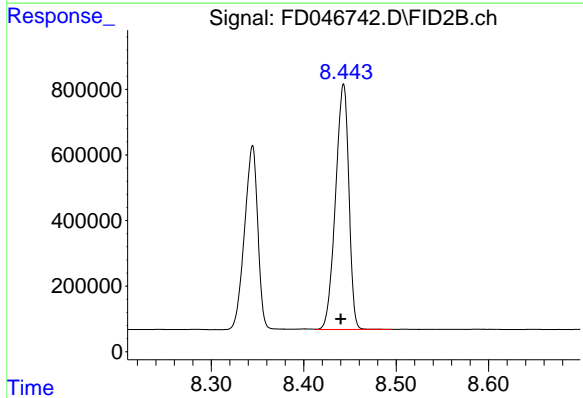
R.T.: 8.147 min
Delta R.T.: 0.002 min
Response: 7240759
Conc: 39.23 ug/ml

Instrument :
FID_D
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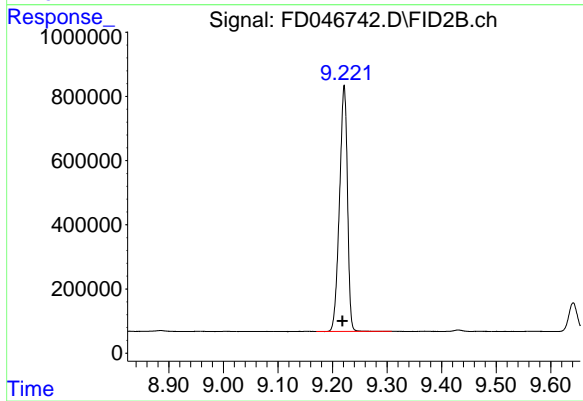
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: 0.004 min
Response: 5599395
Conc: 46.21 ug/ml



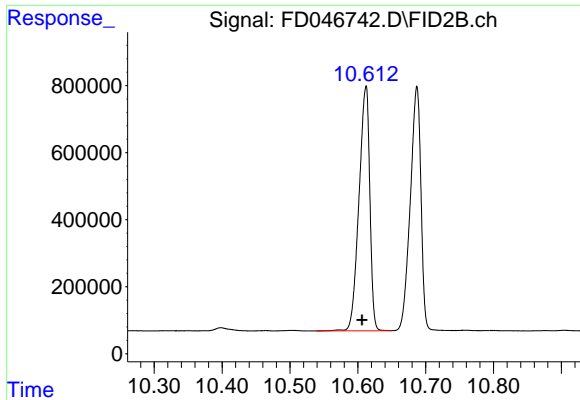
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: 0.003 min
Response: 7502610
Conc: 37.74 ug/ml



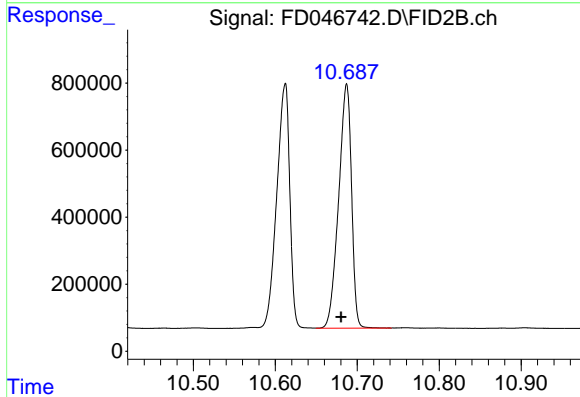
#8 Fluorene (C16.55)

R.T.: 9.221 min
Delta R.T.: 0.003 min
Response: 7761599
Conc: 40.78 ug/ml

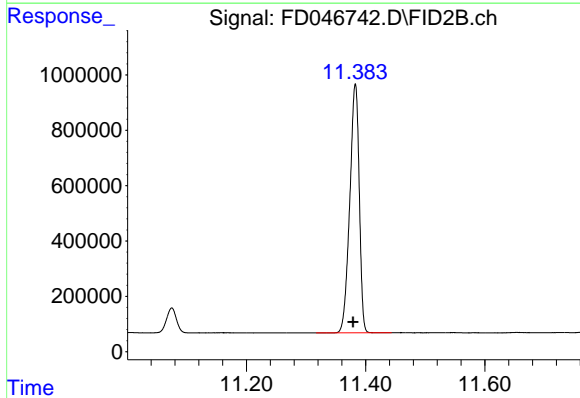


#9 Phenanthrene (C19.36)
 R.T.: 10.611 min
 Delta R.T.: 0.005 min
 Response: 8082723
 Conc: 43.85 ug/ml

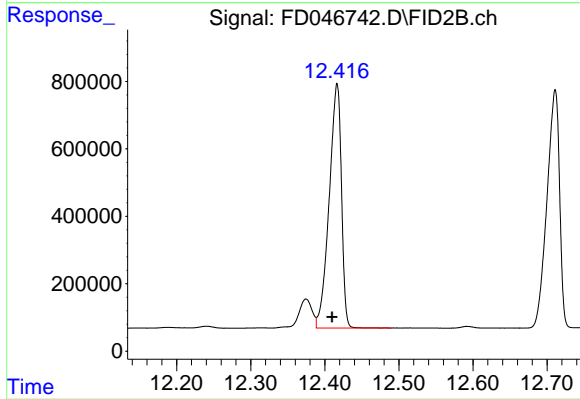
Instrument :
 FID_D
 ClientSampleId :
 PB156368BSD



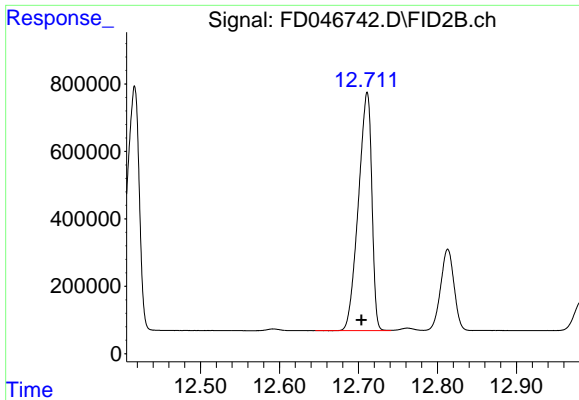
#10 Anthracene (C19.43)
 R.T.: 10.687 min
 Delta R.T.: 0.006 min
 Response: 7952852
 Conc: 60.83 ug/ml



#11 ortho-Terphenyl (SURR)
 R.T.: 11.383 min
 Delta R.T.: 0.003 min
 Response: 9894222
 Conc: 45.73 ug/ml



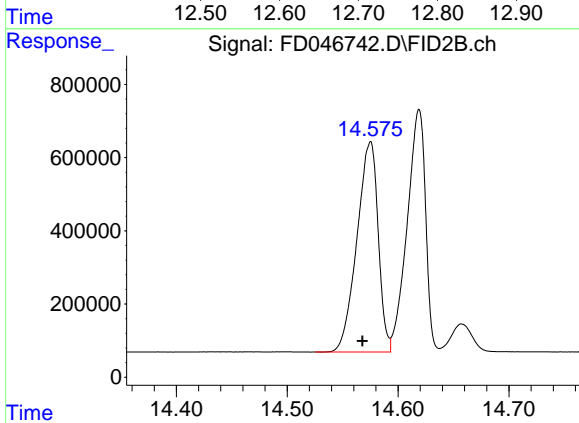
#12 Fluoranthene (C21.85)
 R.T.: 12.416 min
 Delta R.T.: 0.006 min
 Response: 8339249
 Conc: 45.77 ug/ml



#13 Pyrene (C20.8)

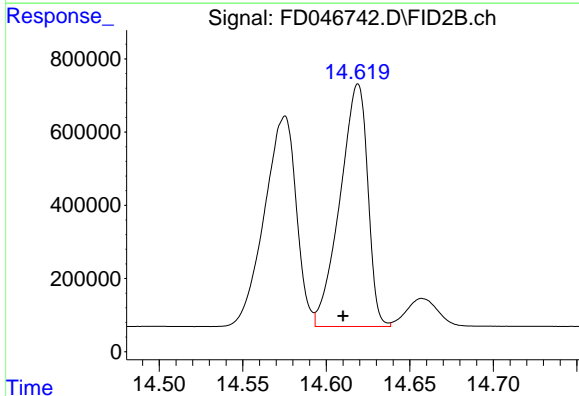
R.T.: 12.710 min
 Delta R.T.: 0.007 min
 Response: 8348677
 Conc: 47.61 ug/ml

Instrument :
 FID_D
 ClientSampleId :
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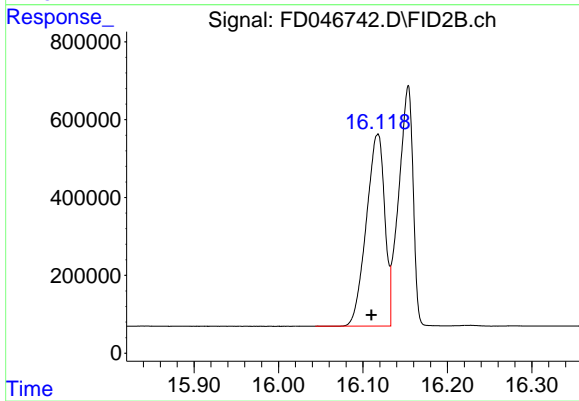
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
 Delta R.T.: 0.007 min
 Response: 7652839
 Conc: 52.26 ug/ml



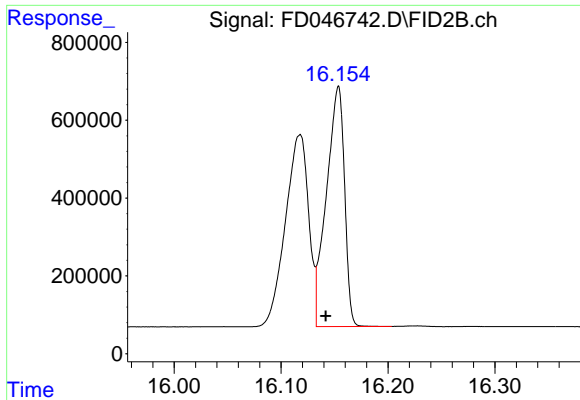
#15 Chrysene (C27.41)

R.T.: 14.618 min
 Delta R.T.: 0.008 min
 Response: 7647120
 Conc: 47.53 ug/ml



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

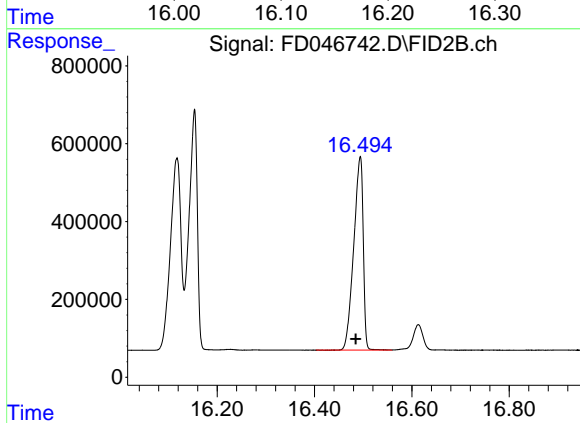
R.T.: 16.117 min
 Delta R.T.: 0.007 min
 Response: 7466553
 Conc: 49.97 ug/ml



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

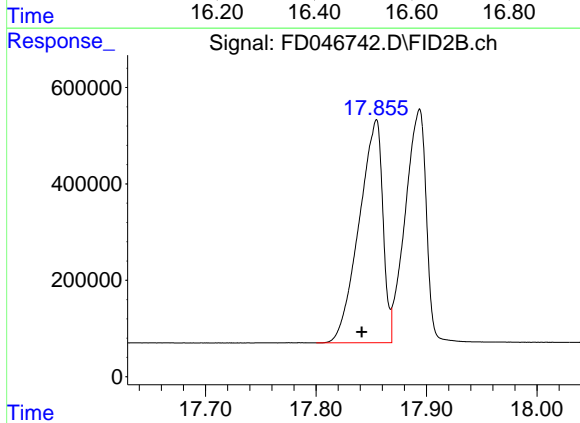
R.T.: 16.153 min
 Delta R.T.: 0.011 min
 Response: 7265144
 Conc: 48.29 ug/ml

Instrument :
 FID_D
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 PB156368BSD



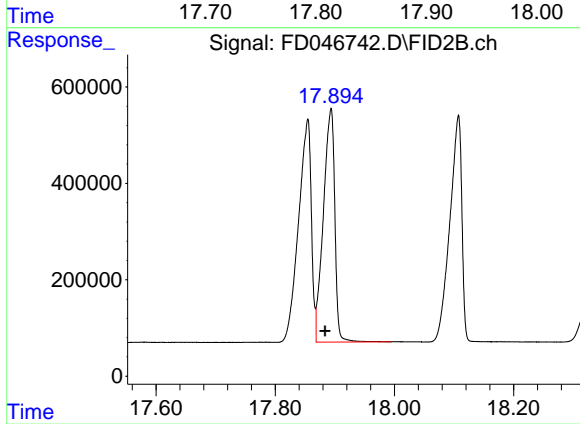
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
 Delta R.T.: 0.008 min
 Response: 6709726
 Conc: 47.45 ug/ml



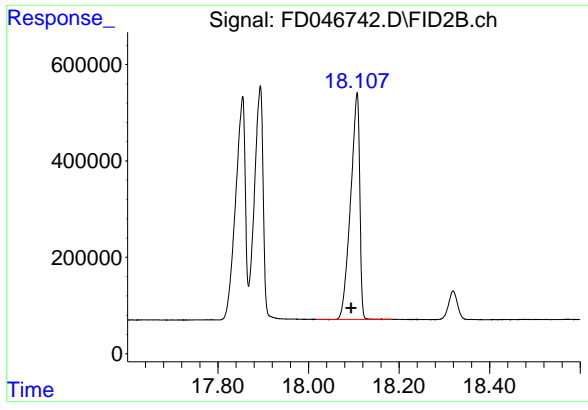
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.853 min
 Delta R.T.: 0.012 min
 Response: 6903986
 Conc: 50.93 ug/ml



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

R.T.: 17.893 min
 Delta R.T.: 0.009 min
 Response: 6436496
 Conc: 45.55 ug/ml



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

R.T.: 18.107 min

Delta R.T.: 0.012 min

Response: 6561346

Conc: 46.64 ug/ml

Instrument :

FID_D

ClientSampleId :

PB156368BSD