

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052623AR\
 Data File : FD045750.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 15:51
 Operator : YP/AJ
 Sample : PB153072BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153072BSD

Integration File: autoint1.e
 Quant Time: May 27 02:09:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.540	8634563	50.621 ug/ml
Spiked Amount 50.000		Recovery =	101.24%
6) S 2-Fluorobiphenyl (SURR)	8.397	5768748	50.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.35%
11) S ortho-Terphenyl (SURR)	11.437	9071909	42.970 ug/ml
Spiked Amount 50.000		Recovery =	85.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	7903378	42.340 ug/ml
2) T Naphthalene (C11.7)	5.879	8932852	45.414 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	8862908	44.865 ug/ml
5) T Acenaphthylene (C15.06)	8.201	9569818	53.265 ug/ml
7) T Acenaphthene (C15.5)	8.498	10107530	53.114 ug/ml
8) T Fluorene (C16.55)	9.277	10021610	53.139 ug/ml
9) T Phenanthrene (C19.36)	10.668	10272023	55.263 ug/ml
10) T Anthracene (C19.43)	10.744	10263614	57.412 ug/ml
12) T Fluoranthene (C21.85)	12.474	10190706	56.490 ug/ml
13) T Pyrene (C20.8)	12.770	10169026	58.023 ug/ml
14) T Benzo[a]anthracene (C...	14.633	9248116	58.102 ug/ml
15) T Chrysene (C27.41)	14.678	9162032	56.424 ug/ml
16) T benzo[b]fluoranthene ...	16.176	8933007	60.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	8585173	59.375 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	7804168	55.973 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	7788167	61.299 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	8032311	62.542 ug/ml
21) T Benzo[g,h,i]perylene ...	18.167	8062227	62.680 ug/ml

(f)=RT Delta > 1/2 Window

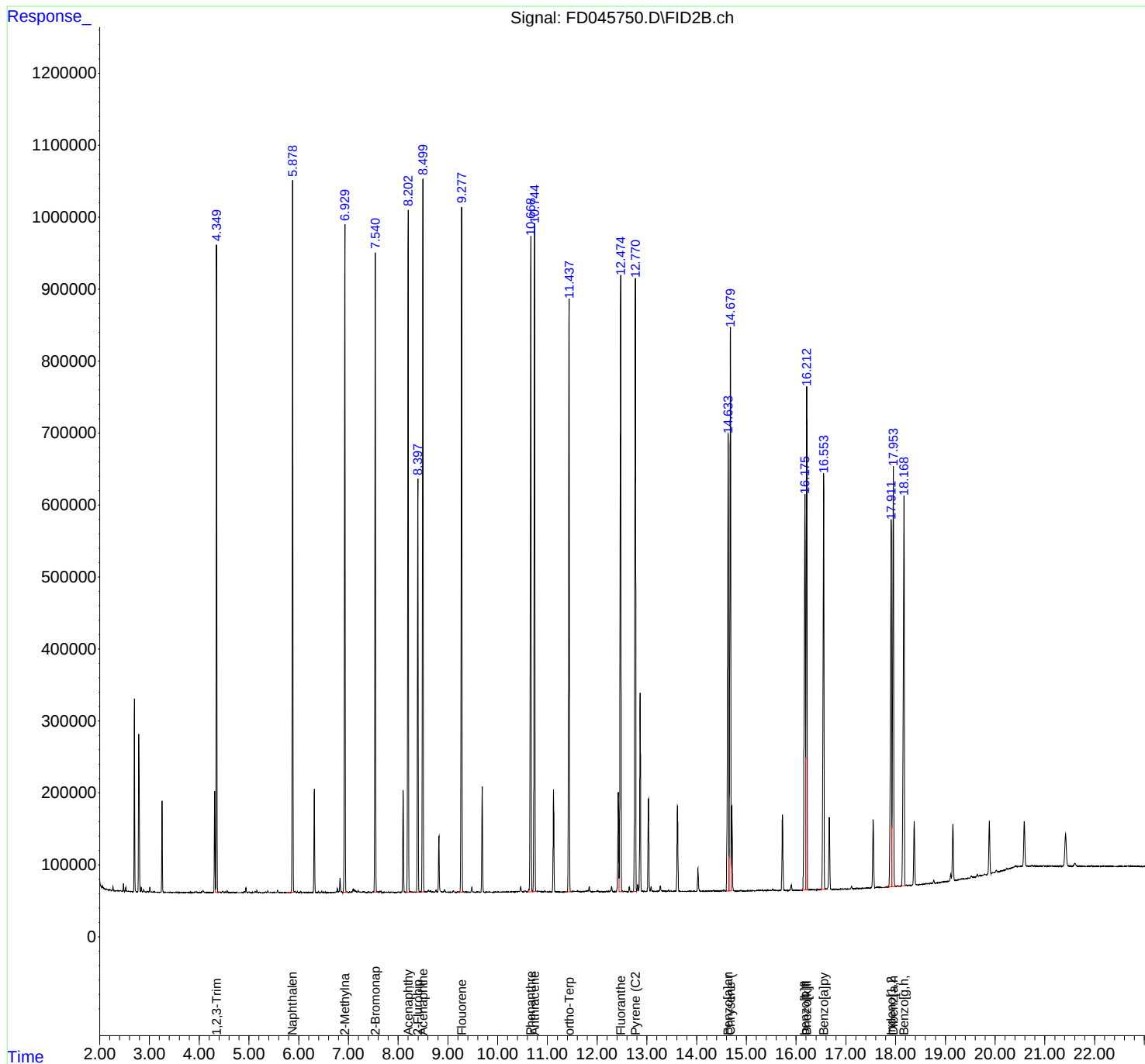
(m)=manual int.

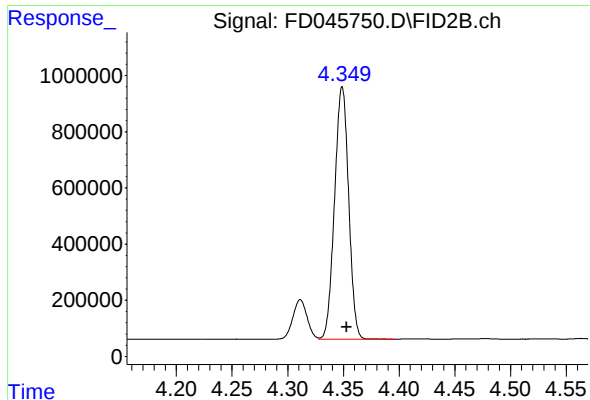
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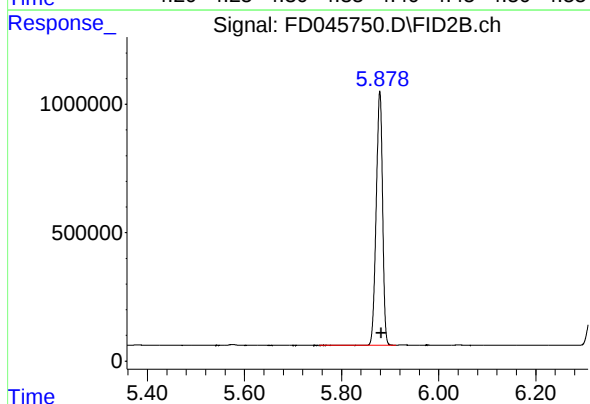




#1 1,2,3-Trimethylbenzene (C10.1)

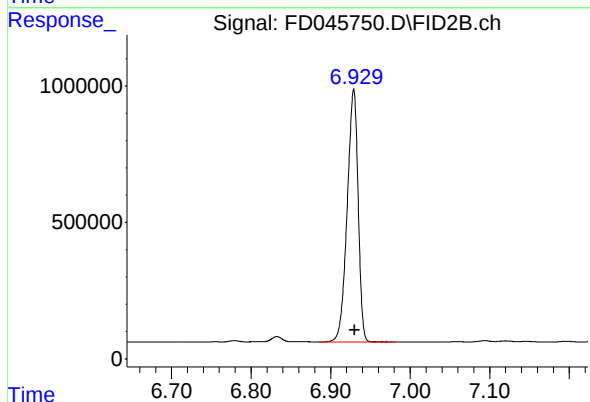
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 7903378
Conc: 42.34 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153072BSD



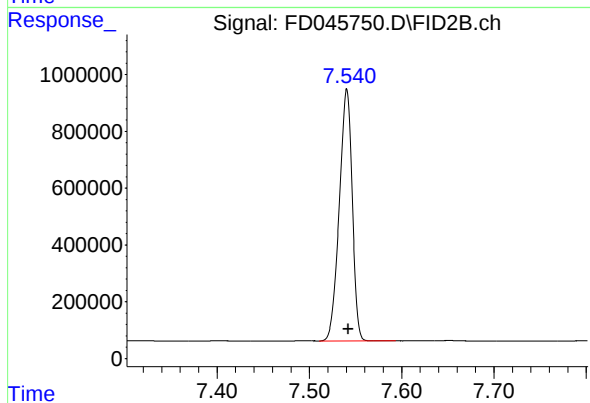
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 8932852
Conc: 45.41 ug/ml



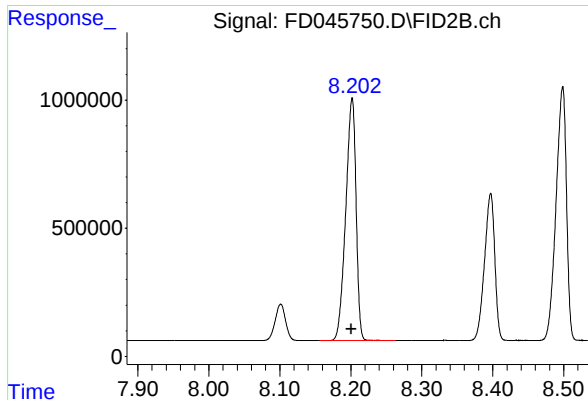
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 8862908
Conc: 44.87 ug/ml



#4 2-Bromonaphthalene (SURR)

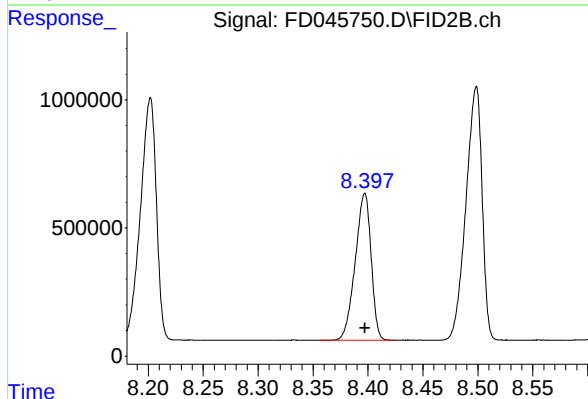
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 8634563
Conc: 50.62 ug/ml



#5 Acenaphthylene (C15.06)

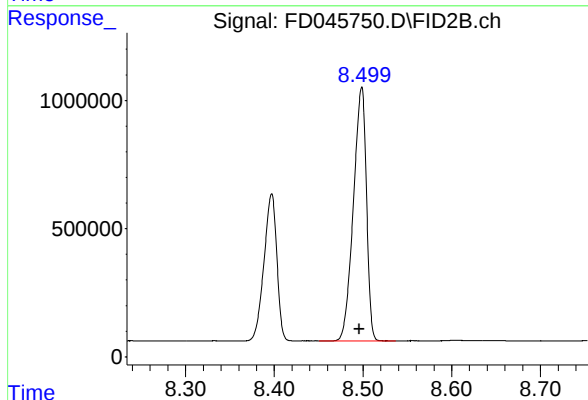
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 9569818
Conc: 53.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153072BSD



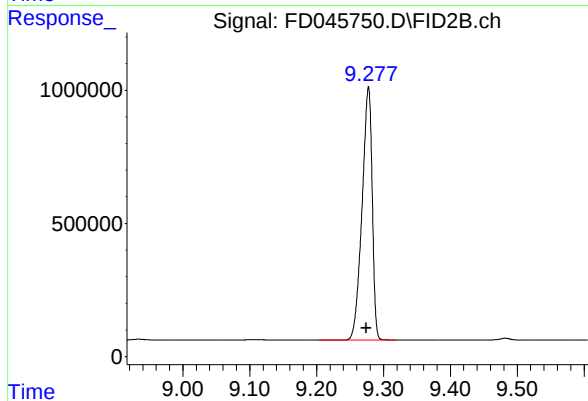
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 5768748
Conc: 50.17 ug/ml



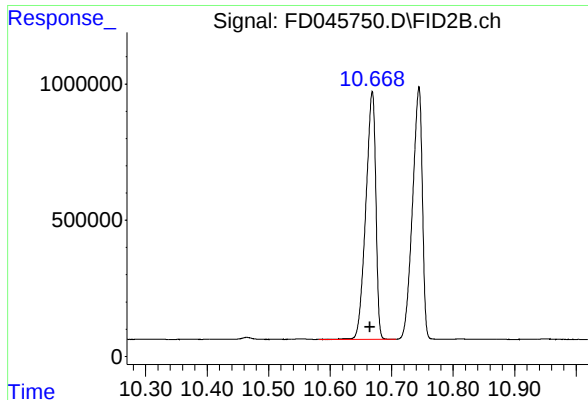
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 10107530
Conc: 53.11 ug/ml



#8 Flouorene (C16.55)

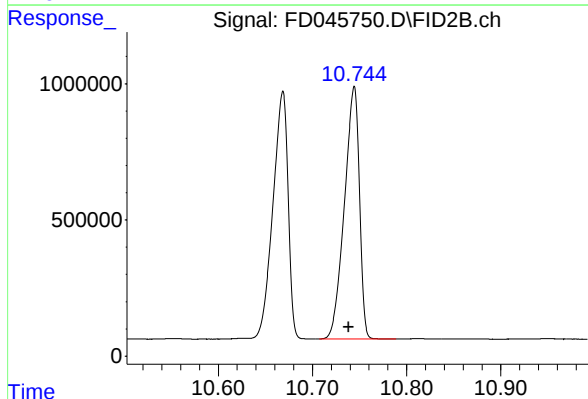
R.T.: 9.277 min
Delta R.T.: 0.003 min
Response: 10021610
Conc: 53.14 ug/ml



#9 Phenanthrene (C19.36)

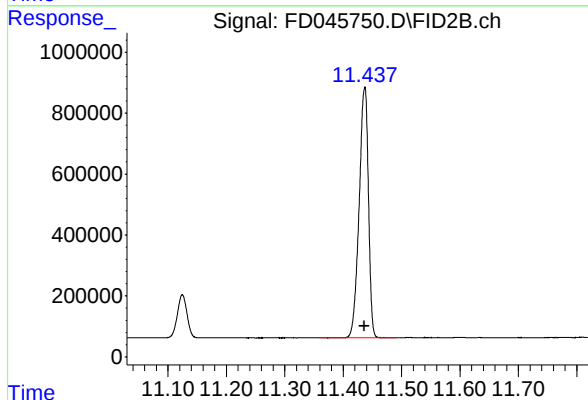
R.T.: 10.668 min
Delta R.T.: 0.003 min
Response: 10272023
Conc: 55.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153072BSD



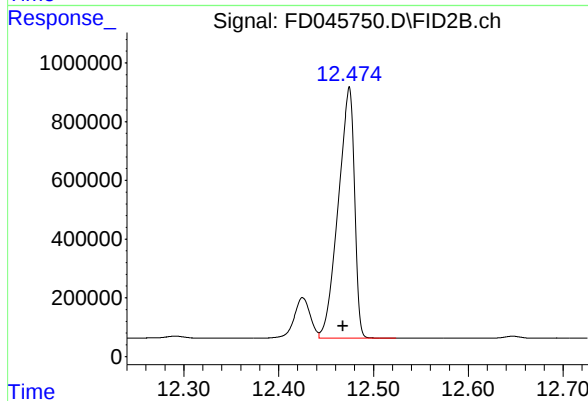
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: 0.006 min
Response: 10263614
Conc: 57.41 ug/ml



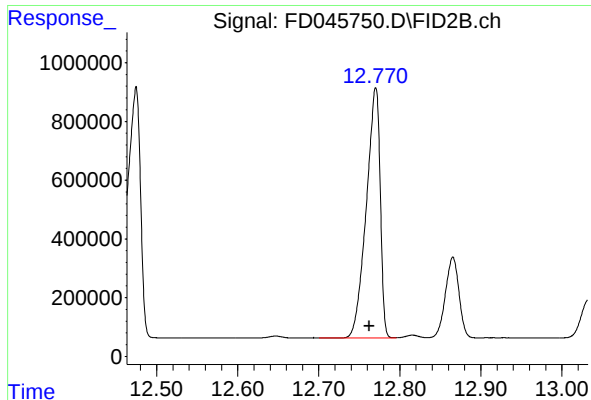
#11 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 9071909
Conc: 42.97 ug/ml



#12 Fluoranthene (C21.85)

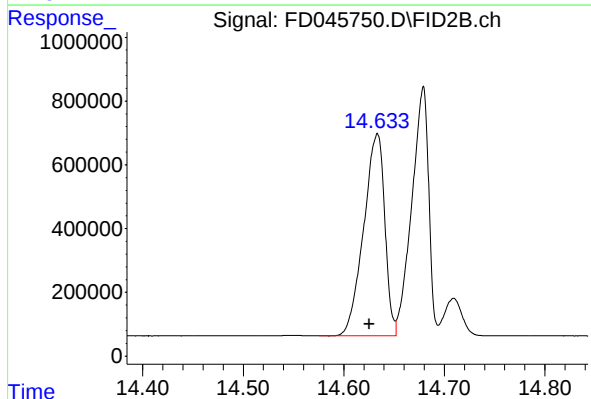
R.T.: 12.474 min
Delta R.T.: 0.006 min
Response: 10190706
Conc: 56.49 ug/ml



#13 Pyrene (C20.8)

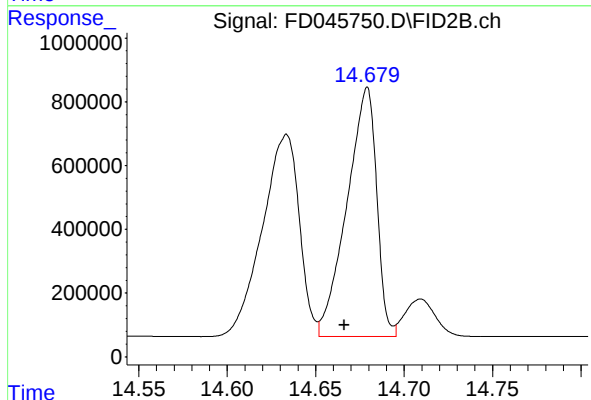
R.T.: 12.770 min
Delta R.T.: 0.007 min
Response: 10169026
Conc: 58.02 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153072BSD



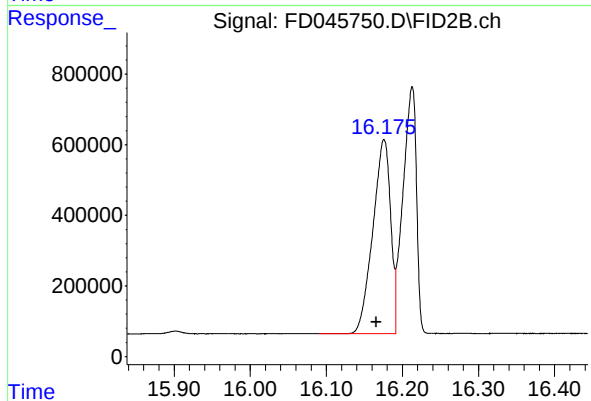
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.633 min
Delta R.T.: 0.008 min
Response: 9248116
Conc: 58.10 ug/ml



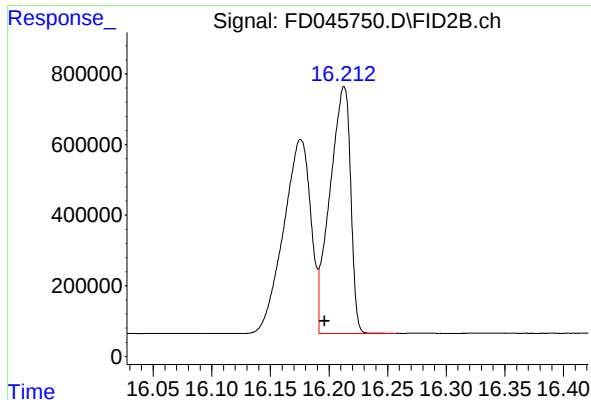
#15 Chrysene (C27.41)

R.T.: 14.678 min
Delta R.T.: 0.012 min
Response: 9162032
Conc: 56.42 ug/ml



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

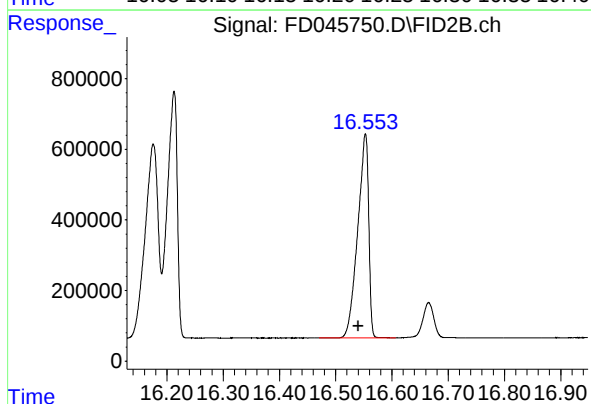
R.T.: 16.176 min
Delta R.T.: 0.010 min
Response: 8933007
Conc: 60.65 ug/ml



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

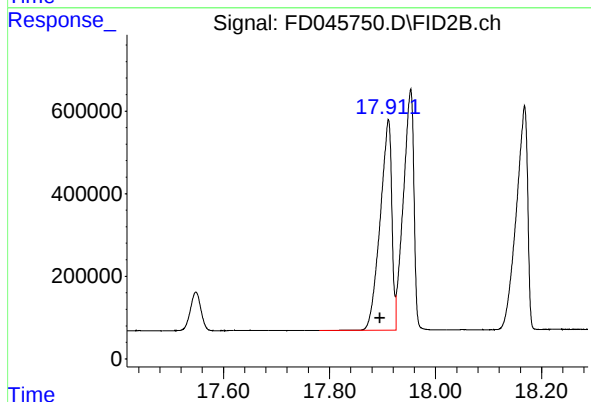
R.T.: 16.212 min
Delta R.T.: 0.016 min
Response: 8585173
Conc: 59.38 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153072BSD



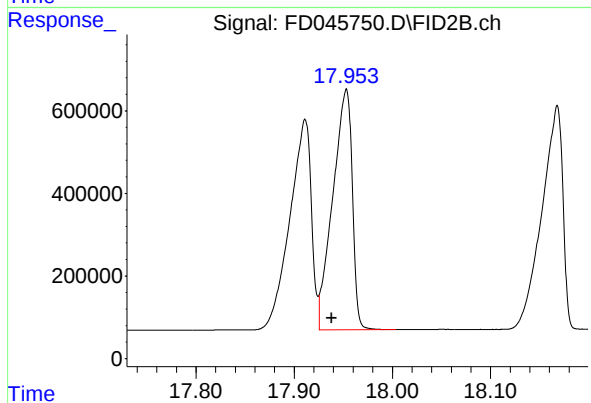
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min
Delta R.T.: 0.012 min
Response: 7804168
Conc: 55.97 ug/ml



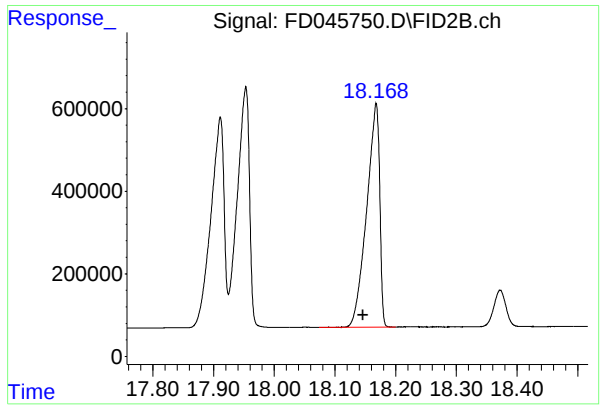
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: 0.015 min
Response: 7788167
Conc: 61.30 ug/ml



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

R.T.: 17.952 min
Delta R.T.: 0.014 min
Response: 8032311
Conc: 62.54 ug/ml



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

R.T.: 18.167 min
Delta R.T.: 0.021 min
Response: 8062227
Conc: 62.68 ug/ml

Instrument :
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ClientSampleId :
PB153072BSD