

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045795.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jun 2023 12:16
 Operator : YP/AJ
 Sample : PB153208BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153208BSD

Integration File: autoint1.e
 Quant Time: Jun 07 04:40:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.532	8497695	47.134 ug/ml
Spiked Amount 50.000		Recovery =	94.27%
6) S 2-Fluorobiphenyl (SURR)	8.388	5494060	45.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.39%
11) S ortho-Terphenyl (SURR)	11.429	8866563	39.695 ug/ml
Spiked Amount 50.000		Recovery =	79.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.341	7772315	38.500 ug/ml
2) T Naphthalene (C11.7)	5.871	8765507	41.367 ug/ml
3) T 2-Methylnaphthalene (...)	6.921	8740650	41.385 ug/ml
5) T Acenaphthylene (C15.06)	8.193	9452360	49.890 ug/ml
7) T Acenaphthene (C15.5)	8.490	9971232	49.318 ug/ml
8) T Fluorene (C16.55)	9.268	9827896	49.602 ug/ml
9) T Phenanthrene (C19.36)	10.659	10019151	52.371 ug/ml
10) T Anthracene (C19.43)	10.735	10013824	58.784 ug/ml
12) T Fluoranthene (C21.85)	12.465	9912252	53.653 ug/ml
13) T Pyrene (C20.8)	12.761	9888481	55.367 ug/ml
14) T Benzo[a]anthracene (C...	14.625	8886736	56.760 ug/ml
15) T Chrysene (C27.41)	14.669	8775590	53.191 ug/ml
16) T benzo[b]fluoranthene ...	16.168	8604574	56.853 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	8264078	53.379 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	7568957	51.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	7444661	50.829 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	7677291	51.176 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	7765177	52.626 ug/ml

(f)=RT Delta > 1/2 Window

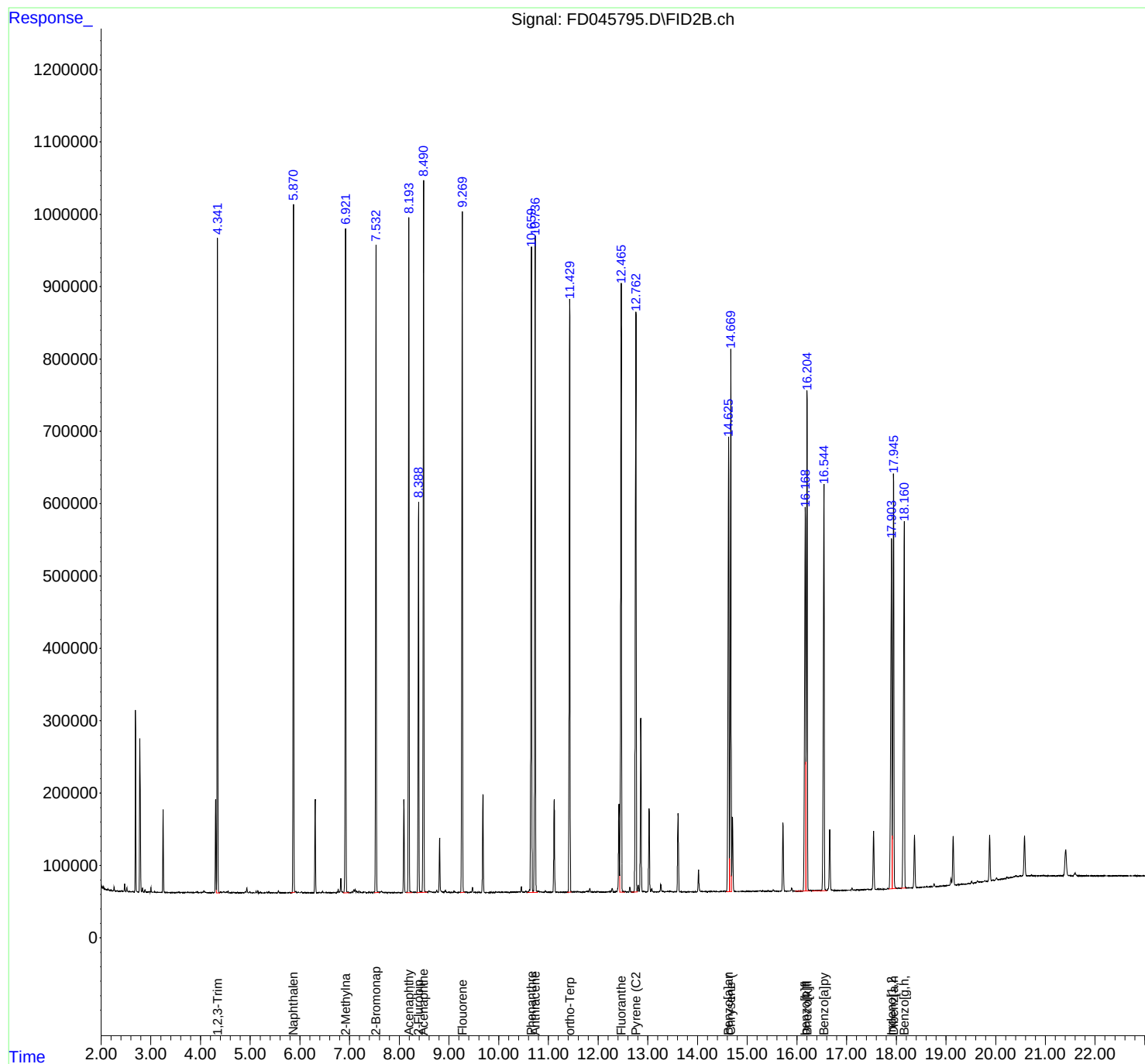
(m)=manual int.

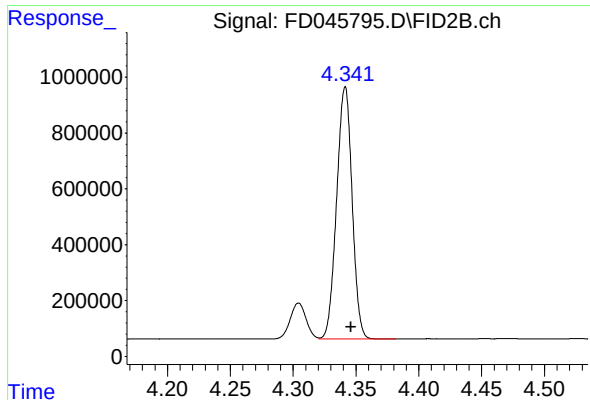
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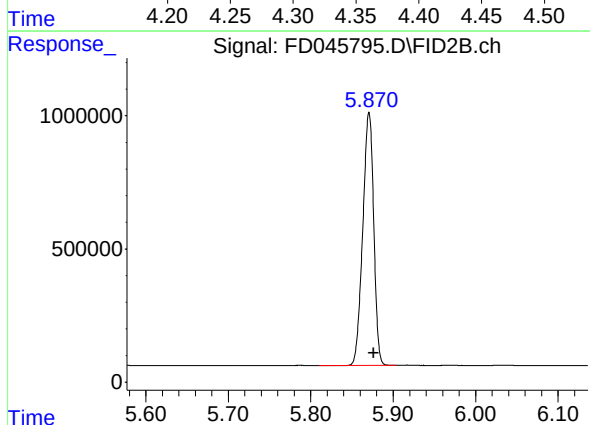




#1 1,2,3-Trimethylbenzene (C10.1)

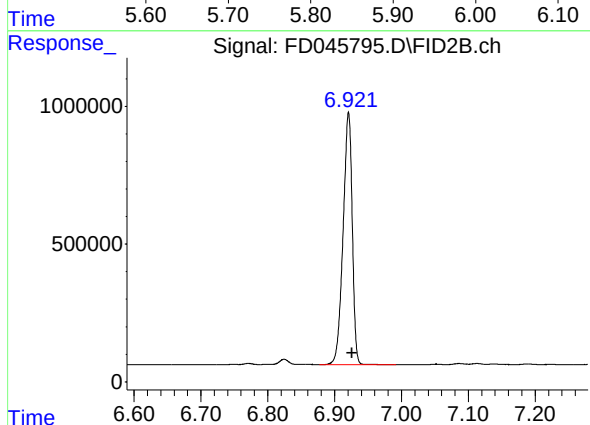
R.T.: 4.341 min
Delta R.T.: -0.005 min
Response: 7772315
Conc: 38.50 ug/ml

Instrument :
FID_D
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PB153208BSD



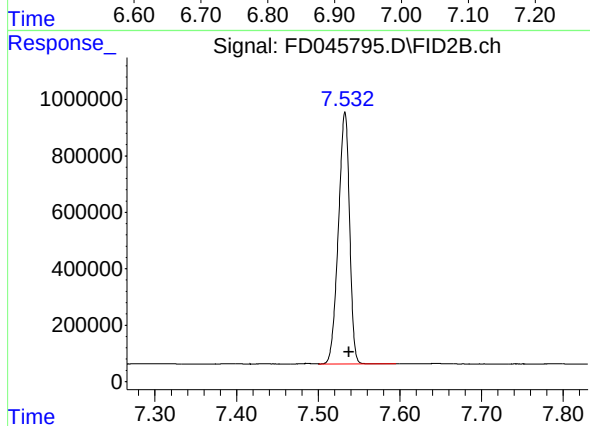
#2 Naphthalene (C11.7)

R.T.: 5.871 min
Delta R.T.: -0.006 min
Response: 8765507
Conc: 41.37 ug/ml



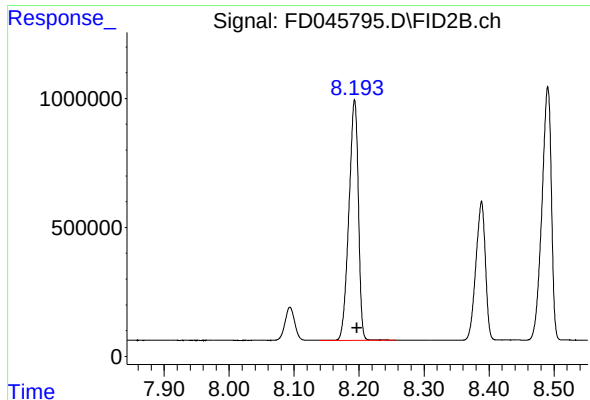
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.921 min
Delta R.T.: -0.005 min
Response: 8740650
Conc: 41.38 ug/ml



#4 2-Bromonaphthalene (SURR)

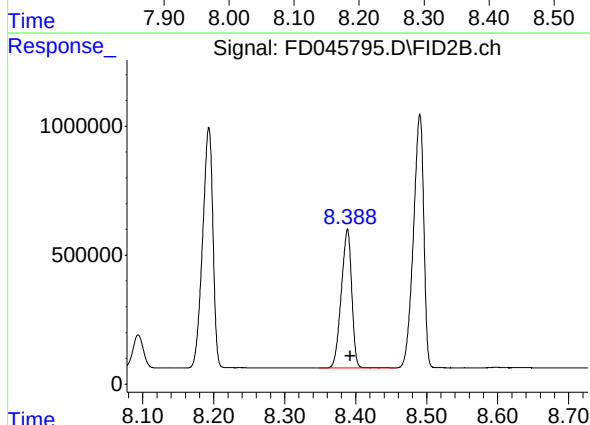
R.T.: 7.532 min
Delta R.T.: -0.005 min
Response: 8497695
Conc: 47.13 ug/ml



#5 Acenaphthylene (C15.06)

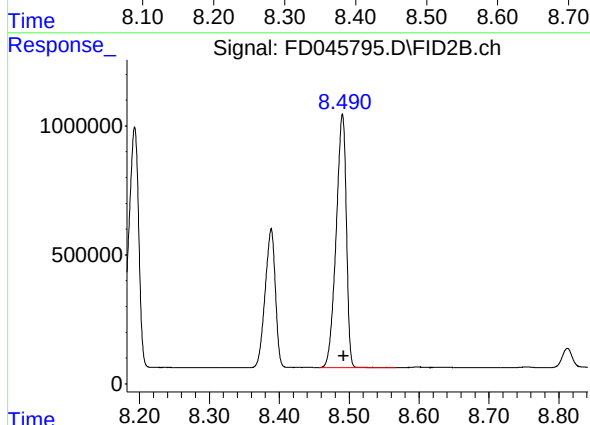
R.T.: 8.193 min
Delta R.T.: -0.004 min
Response: 9452360
Conc: 49.89 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153208BSD



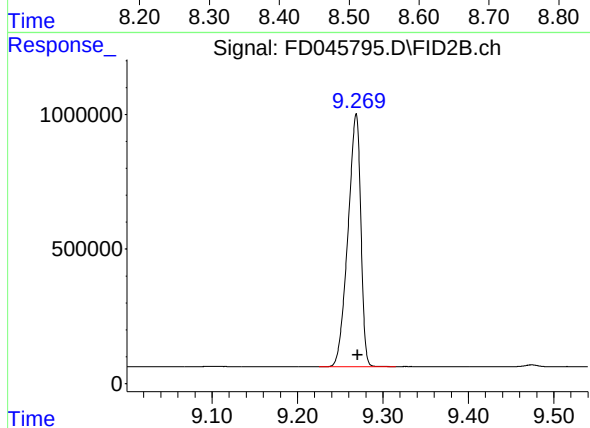
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.388 min
Delta R.T.: -0.005 min
Response: 5494060
Conc: 45.70 ug/ml



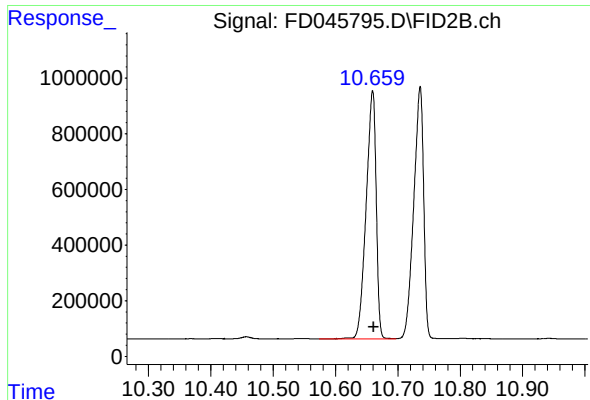
#7 Acenaphthene (C15.5)

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 9971232
Conc: 49.32 ug/ml



#8 Fluorene (C16.55)

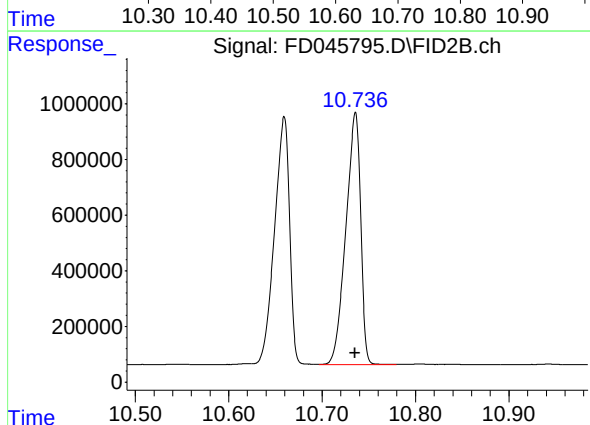
R.T.: 9.268 min
Delta R.T.: -0.002 min
Response: 9827896
Conc: 49.60 ug/ml



#9 Phenanthrene (C19.36)

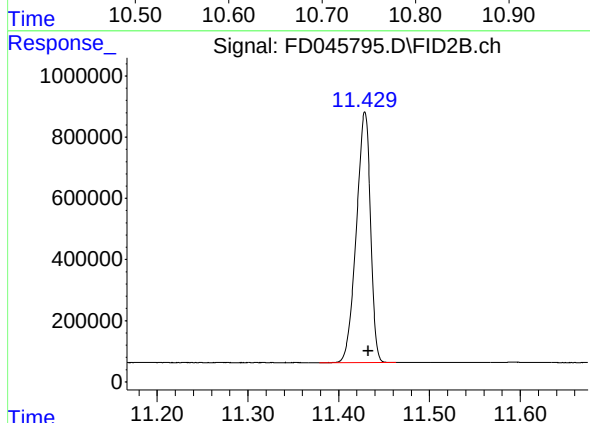
R.T.: 10.659 min
Delta R.T.: -0.002 min
Response: 10019151
Conc: 52.37 ug/ml

Instrument :
FID_D
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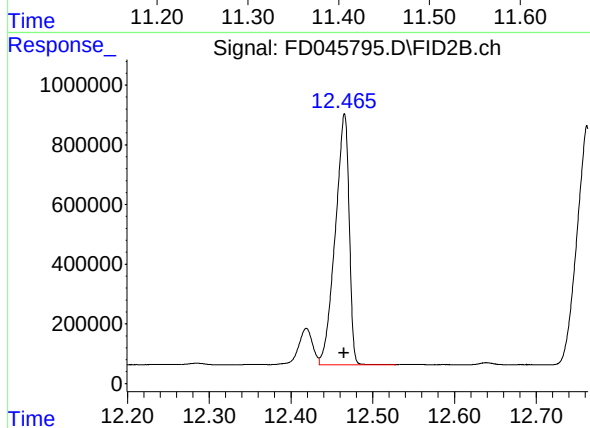
#10 Anthracene (C19.43)

R.T.: 10.735 min
Delta R.T.: 0.000 min
Response: 10013824
Conc: 58.78 ug/ml



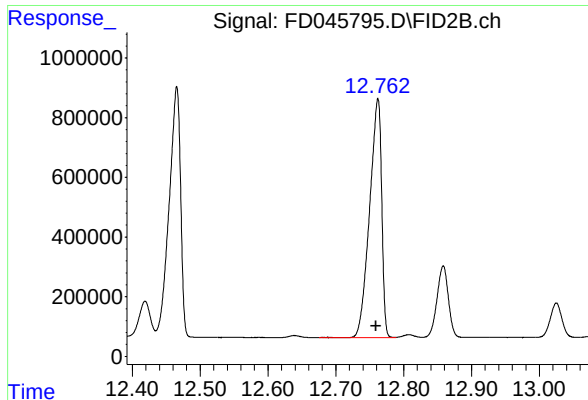
#11 ortho-Terphenyl (SURR)

R.T.: 11.429 min
Delta R.T.: -0.004 min
Response: 8866563
Conc: 39.69 ug/ml



#12 Fluoranthene (C21.85)

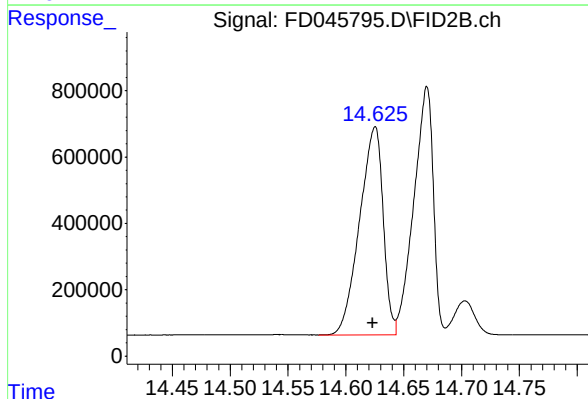
R.T.: 12.465 min
Delta R.T.: 0.000 min
Response: 9912252
Conc: 53.65 ug/ml



#13 Pyrene (C20.8)

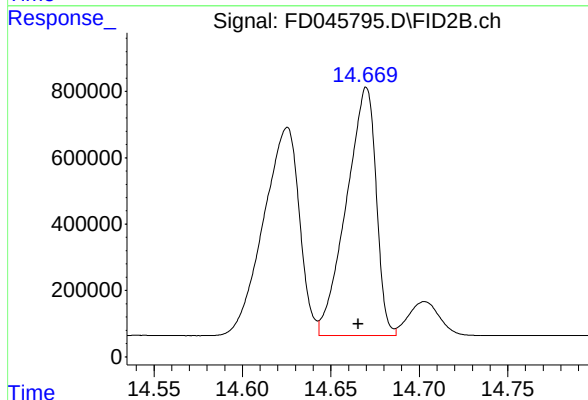
R.T.: 12.761 min
Delta R.T.: 0.002 min
Response: 9888481
Conc: 55.37 ug/ml

Instrument :
FID_D
ClientSampleId :
PB153208BSD



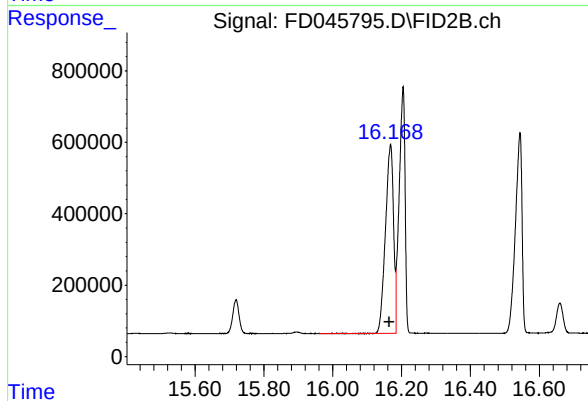
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: 0.002 min
Response: 8886736
Conc: 56.76 ug/ml



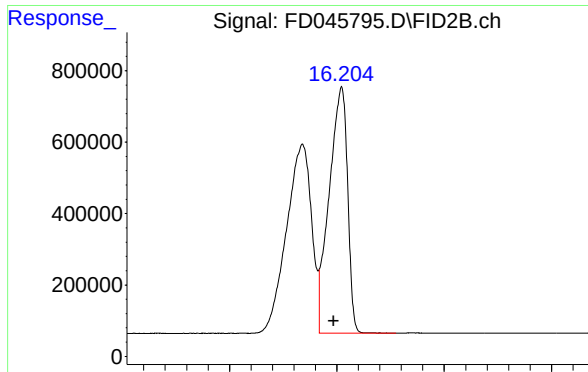
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: 0.004 min
Response: 8775590
Conc: 53.19 ug/ml



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

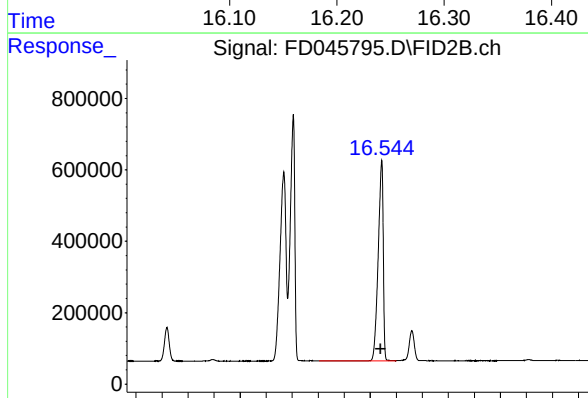
R.T.: 16.168 min
Delta R.T.: 0.003 min
Response: 8604574
Conc: 56.85 ug/ml



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

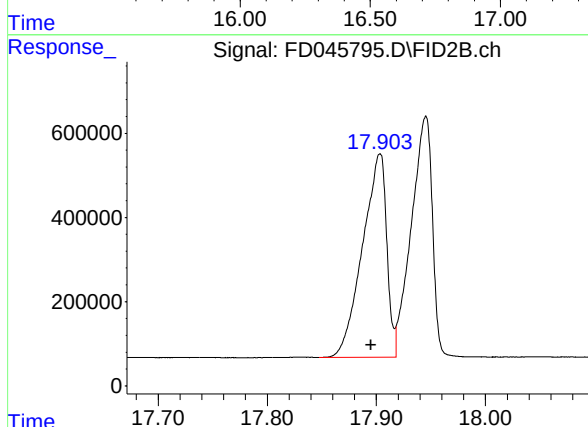
R.T.: 16.204 min
Delta R.T.: 0.007 min
Response: 8264078
Conc: 53.38 ug/ml

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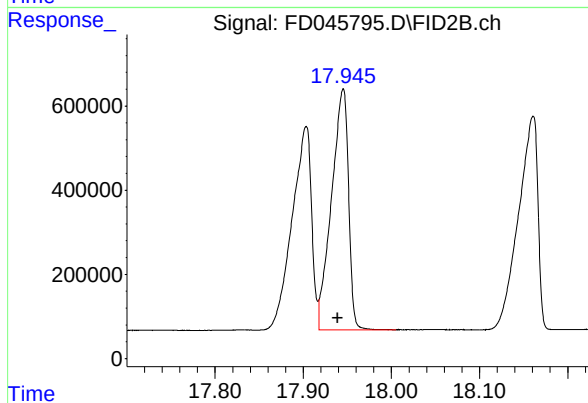
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.004 min
Response: 7568957
Conc: 51.76 ug/ml



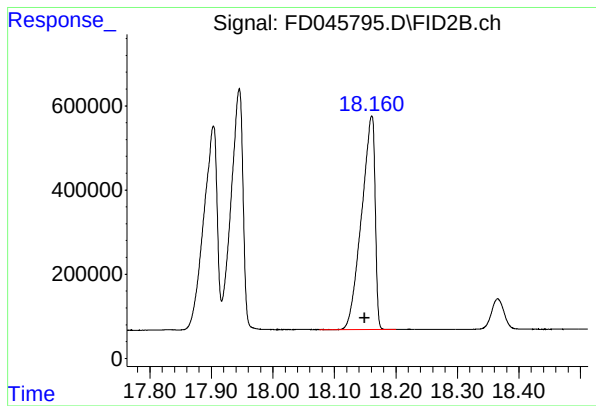
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.903 min
Delta R.T.: 0.008 min
Response: 7444661
Conc: 50.83 ug/ml



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

R.T.: 17.945 min
Delta R.T.: 0.006 min
Response: 7677291
Conc: 51.18 ug/ml



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

R.T.: 18.160 min
Delta R.T.: 0.011 min
Response: 7765177
Conc: 52.63 ug/ml

Instrument :

FID_D

ClientSampleId :

PB153208BSD