

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022823AR\
 Data File : FD045183.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2023 17:51
 Operator : YP/AJ
 Sample : PB151107BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151107BSD

Integration File: autoint1.e
 Quant Time: Mar 01 04:20:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.556	8187242	61.044 ug/ml
Spiked Amount 50.000		Recovery =	122.09%
6) S 2-Fluorobiphenyl (SURR)	8.413	5505172	61.428 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.86%
11) S ortho-Terphenyl (SURR)	11.453	7960781	47.332 ug/ml
Spiked Amount 50.000		Recovery =	94.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	5639937	37.672 ug/ml
2) T Naphthalene (C11.7)	5.894	6781200	43.190 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	6956852	44.467 ug/ml
5) T Acenaphthylene (C15.06)	8.216	7405407	51.865 ug/ml
7) T Acenaphthene (C15.5)	8.512	7437262	49.320 ug/ml
8) T Fluorene (C16.55)	9.291	7459281	50.606 ug/ml
9) T Phenanthrene (C19.36)	10.683	7383220	51.004 ug/ml
10) T Anthracene (C19.43)	10.758	7258890	53.614 ug/ml
12) T Fluoranthene (C21.85)	12.489	7309554	50.997 ug/ml
13) T Pyrene (C20.8)	12.785	7234249	51.663 ug/ml
14) T Benzo[a]anthracene (C...	14.651	6830920	53.694 ug/ml
15) T Chrysene (C27.41)	14.695	6806688	51.406 ug/ml
16) T benzo[b]fluoranthene ...	16.194	6831918	52.092 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	6452967	49.761 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	6072687	47.311 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.931	6570240	52.308 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	6200576	50.697 ug/ml
21) T Benzo[g,h,i]perylene ...	18.186	6377626	50.270 ug/ml

(f)=RT Delta > 1/2 Window

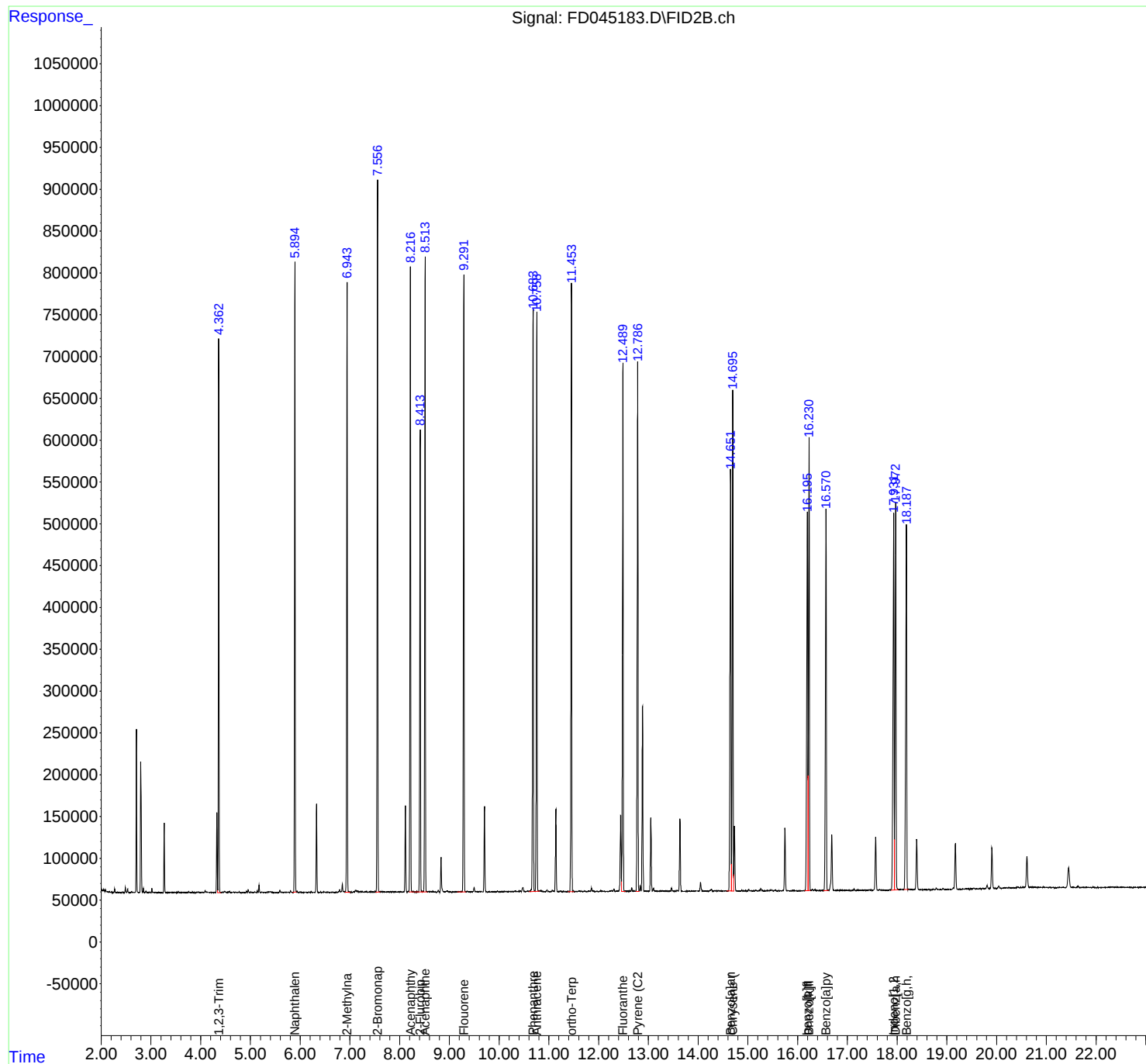
(m)=manual int.

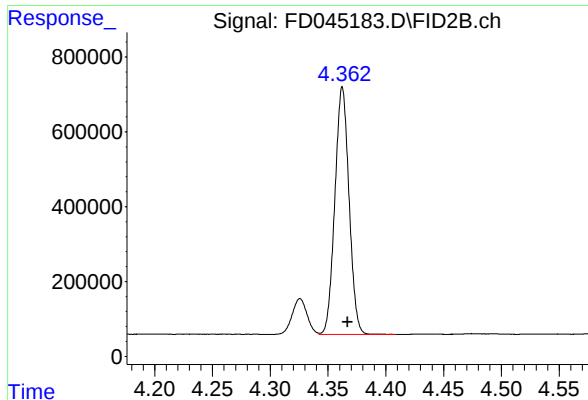
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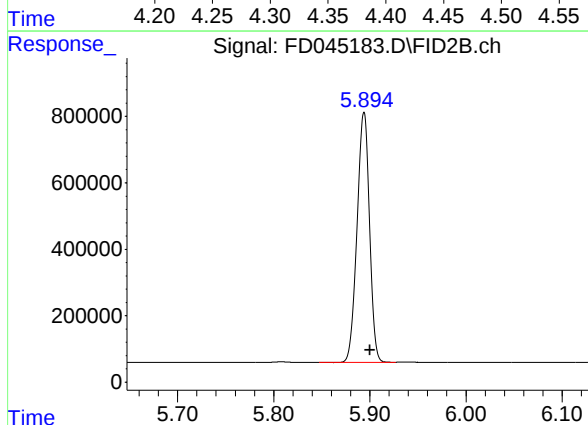




#1 1,2,3-Trimethylbenzene (C10.1)

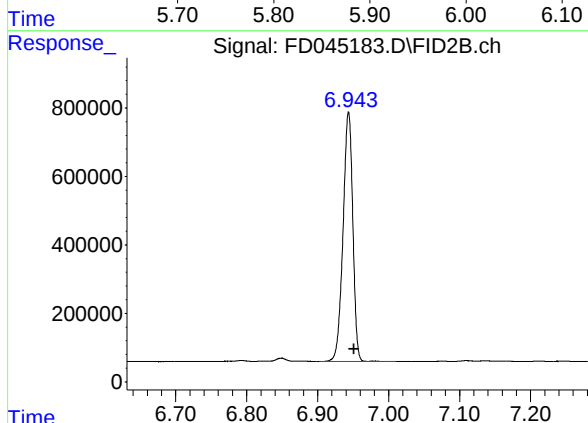
R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 5639937
Conc: 37.67 ug/ml

Instrument :
FID_D
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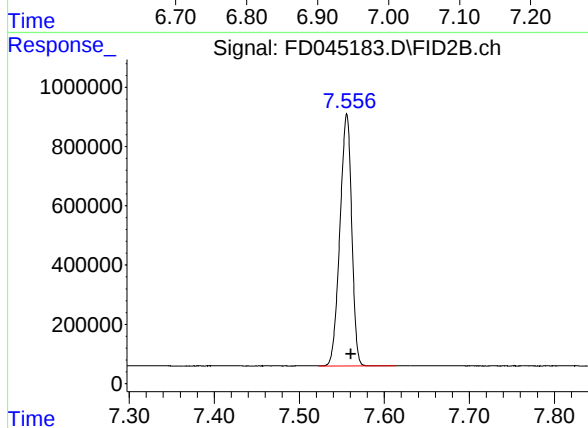
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 6781200
Conc: 43.19 ug/ml



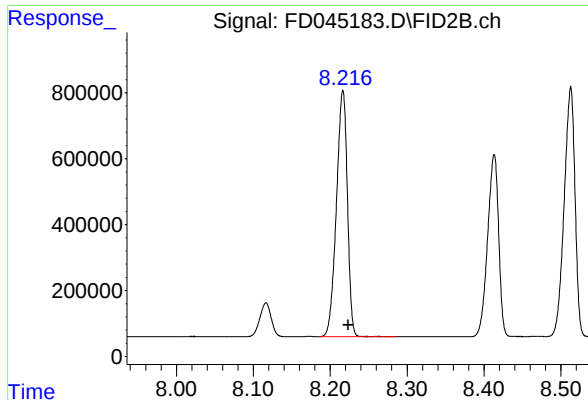
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.008 min
Response: 6956852
Conc: 44.47 ug/ml



#4 2-Bromonaphthalene (SURR)

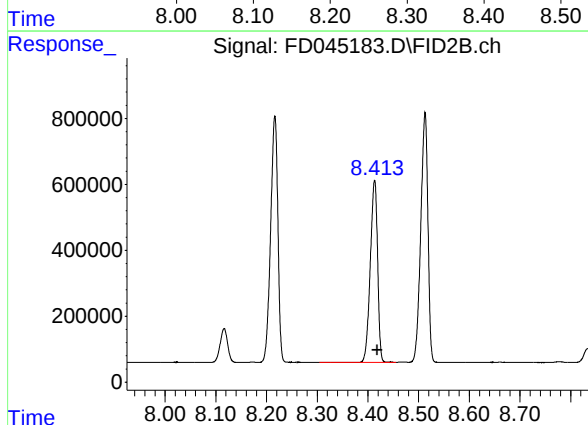
R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 8187242
Conc: 61.04 ug/ml



#5 Acenaphthylene (C15.06)

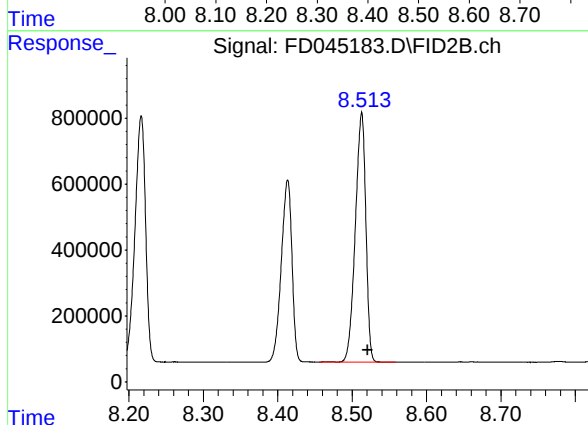
R.T.: 8.216 min
Delta R.T.: -0.007 min
Response: 7405407
Conc: 51.86 ug/ml

Instrument :
FID_D
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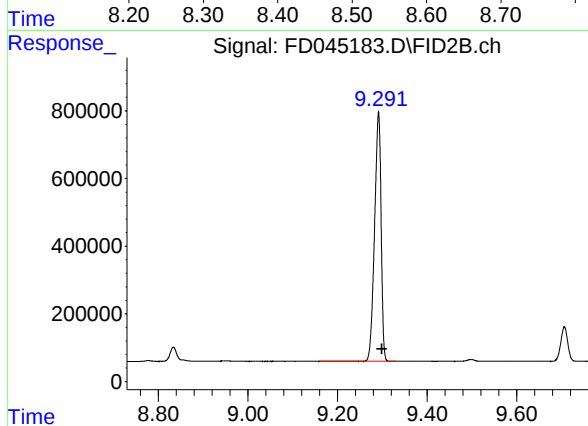
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.005 min
Response: 5505172
Conc: 61.43 ug/ml



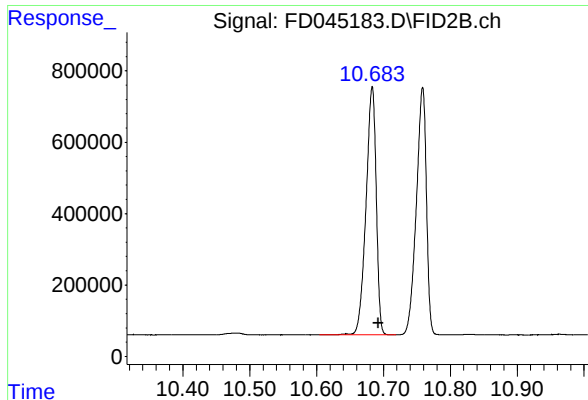
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.009 min
Response: 7437262
Conc: 49.32 ug/ml



#8 Flouorene (C16.55)

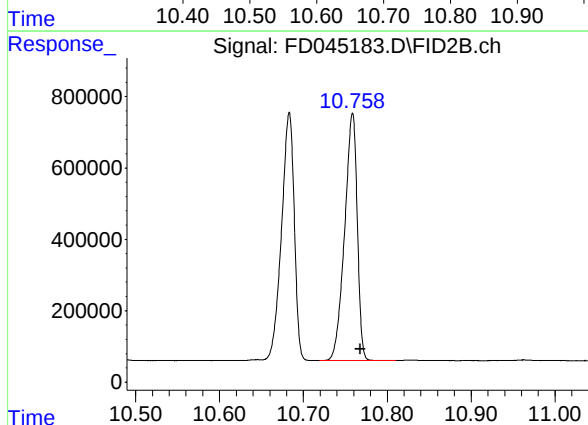
R.T.: 9.291 min
Delta R.T.: -0.008 min
Response: 7459281
Conc: 50.61 ug/ml



#9 Phenanthrene (C19.36)

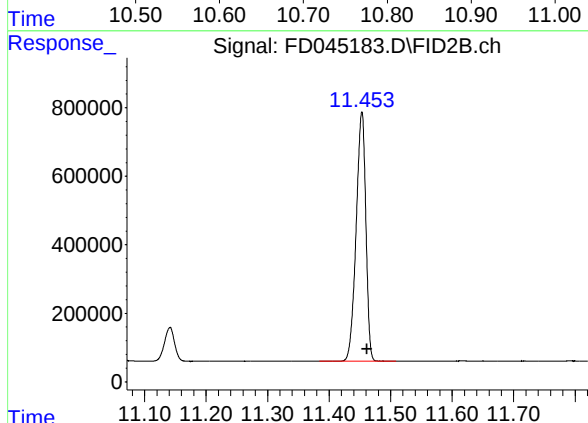
R.T.: 10.683 min
Delta R.T.: -0.009 min
Response: 7383220
Conc: 51.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151107BSD



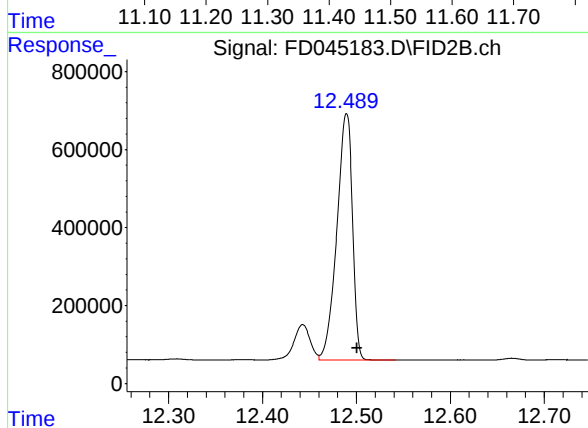
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.010 min
Response: 7258890
Conc: 53.61 ug/ml



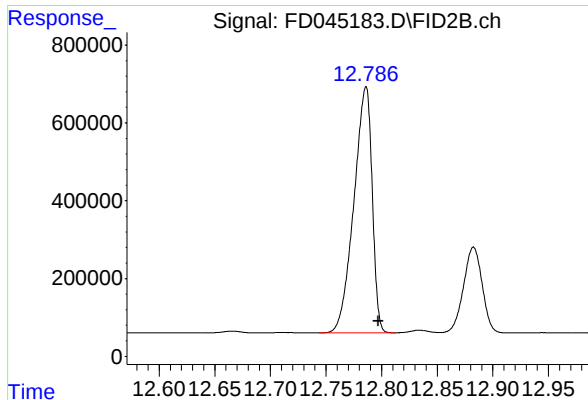
#11 ortho-Terphenyl (SURRE)

R.T.: 11.453 min
Delta R.T.: -0.009 min
Response: 7960781
Conc: 47.33 ug/ml



#12 Fluoranthene (C21.85)

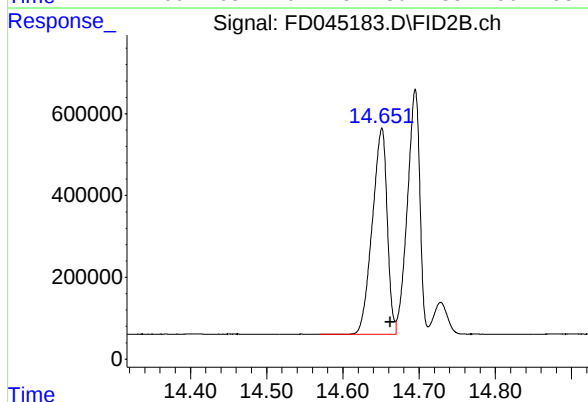
R.T.: 12.489 min
Delta R.T.: -0.011 min
Response: 7309554
Conc: 51.00 ug/ml



#13 Pyrene (C20.8)

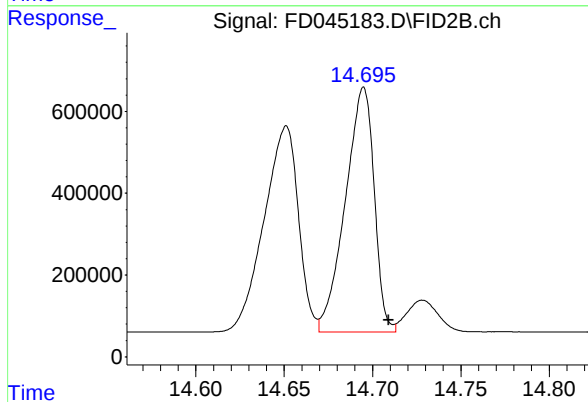
R.T.: 12.785 min
Delta R.T.: -0.012 min
Response: 7234249
Conc: 51.66 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151107BSD



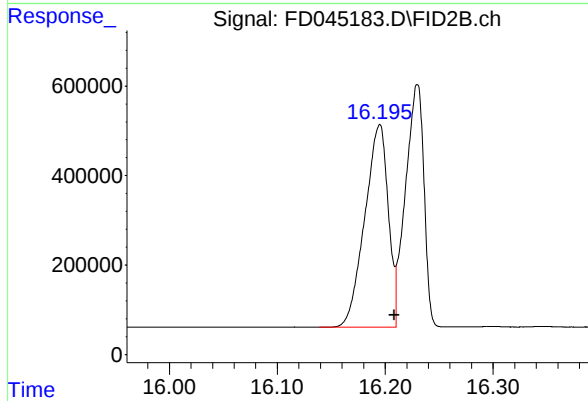
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.651 min
Delta R.T.: -0.012 min
Response: 6830920
Conc: 53.69 ug/ml



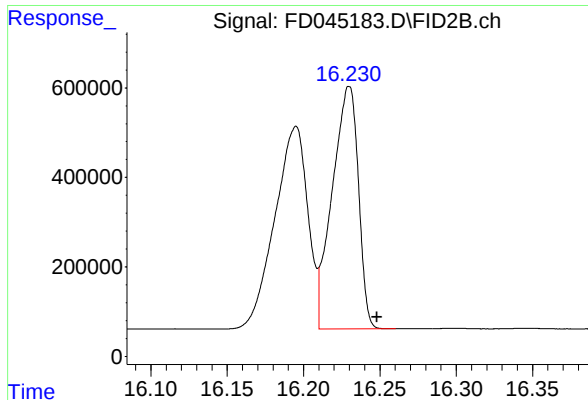
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: -0.014 min
Response: 6806688
Conc: 51.41 ug/ml



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

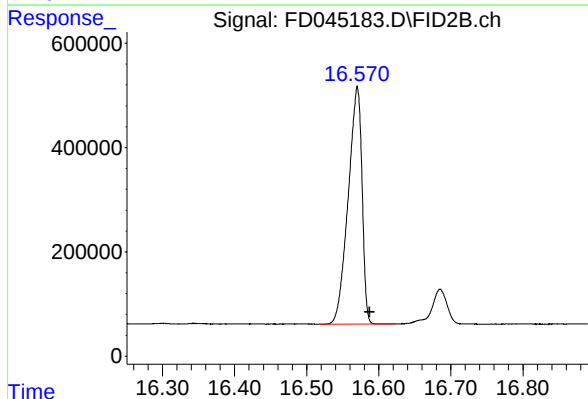
R.T.: 16.194 min
Delta R.T.: -0.014 min
Response: 6831918
Conc: 52.09 ug/ml



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

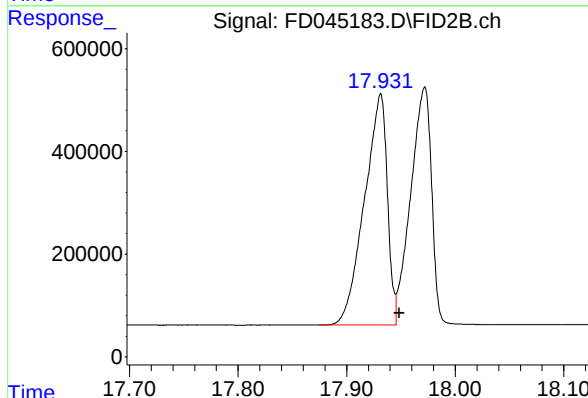
R.T.: 16.229 min
Delta R.T.: -0.019 min
Response: 6452967
Conc: 49.76 ug/ml

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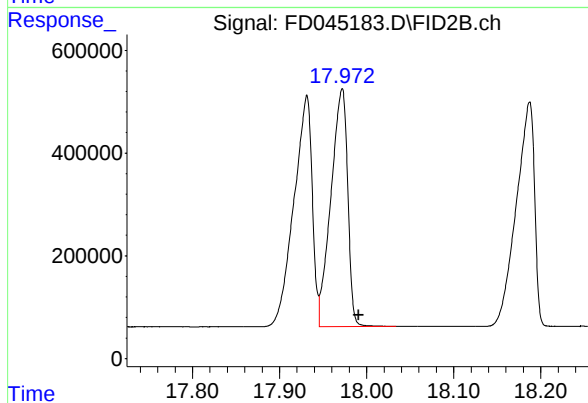
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.017 min
Response: 6072687
Conc: 47.31 ug/ml



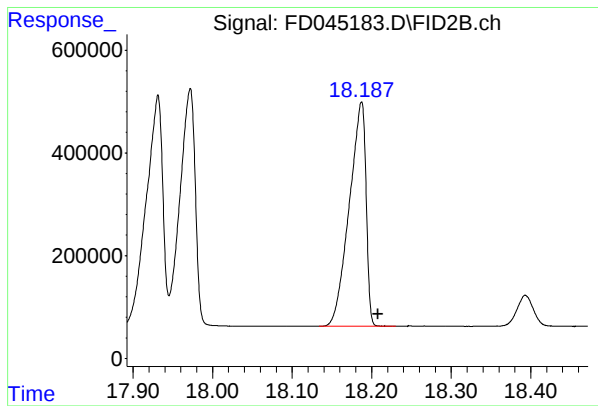
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min
Delta R.T.: -0.018 min
Response: 6570240
Conc: 52.31 ug/ml



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

R.T.: 17.971 min
Delta R.T.: -0.020 min
Response: 6200576
Conc: 50.70 ug/ml



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

R.T.: 18.186 min
Delta R.T.: -0.022 min
Response: 6377626
Conc: 50.27 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151107BSD