

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045195.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 12:13
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 12:50:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 12:12:49 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...	7.552	1449273	11.006 ug/ml
Spiked Amount 50.000		Recovery =	22.01%
6) S 2-Fluorobiphenyl (SURR)	8.407	948789	10.833 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.67%
11) S ortho-Terphenyl (SURR)	11.447	1781777	11.022 ug/ml
Spiked Amount 50.000		Recovery =	22.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	1631008	11.079 ug/ml
2) T Naphthalene (C11.7)	5.892	1691472	11.006 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	1695399	10.985 ug/ml
5) T Acenaphthylene (C15.06)	8.211	1529167	10.942 ug/ml
7) T Acenaphthene (C15.5)	8.506	1626450	10.987 ug/ml
8) T Flouorene (C16.55)	9.284	1564915	10.890 ug/ml
9) T Phenanthrene (C19.36)	10.675	1519433	10.930 ug/ml
10) T Anthracene (C19.43)	10.748	1486137	10.894 ug/ml
12) T Fluoranthene (C21.85)	12.479	1487483	10.962 ug/ml
13) T Pyrene (C20.8)	12.774	1439641	10.839 ug/ml
14) T Benzo[a]anthracene (C...	14.637	1359410	10.937 ug/ml
15) T Chrysene (C27.41)	14.679	1394861	10.992 ug/ml
16) T benzo[b]fluoranthene ...	16.180	1375401	10.923 ug/ml
17) T Bnezo[k]fluoranthene ...	16.211	1360454	11.072 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	1337482	10.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	1249449	10.654 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	1289302	10.853 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	1330065	10.951 ug/ml

(f)=RT Delta > 1/2 Window

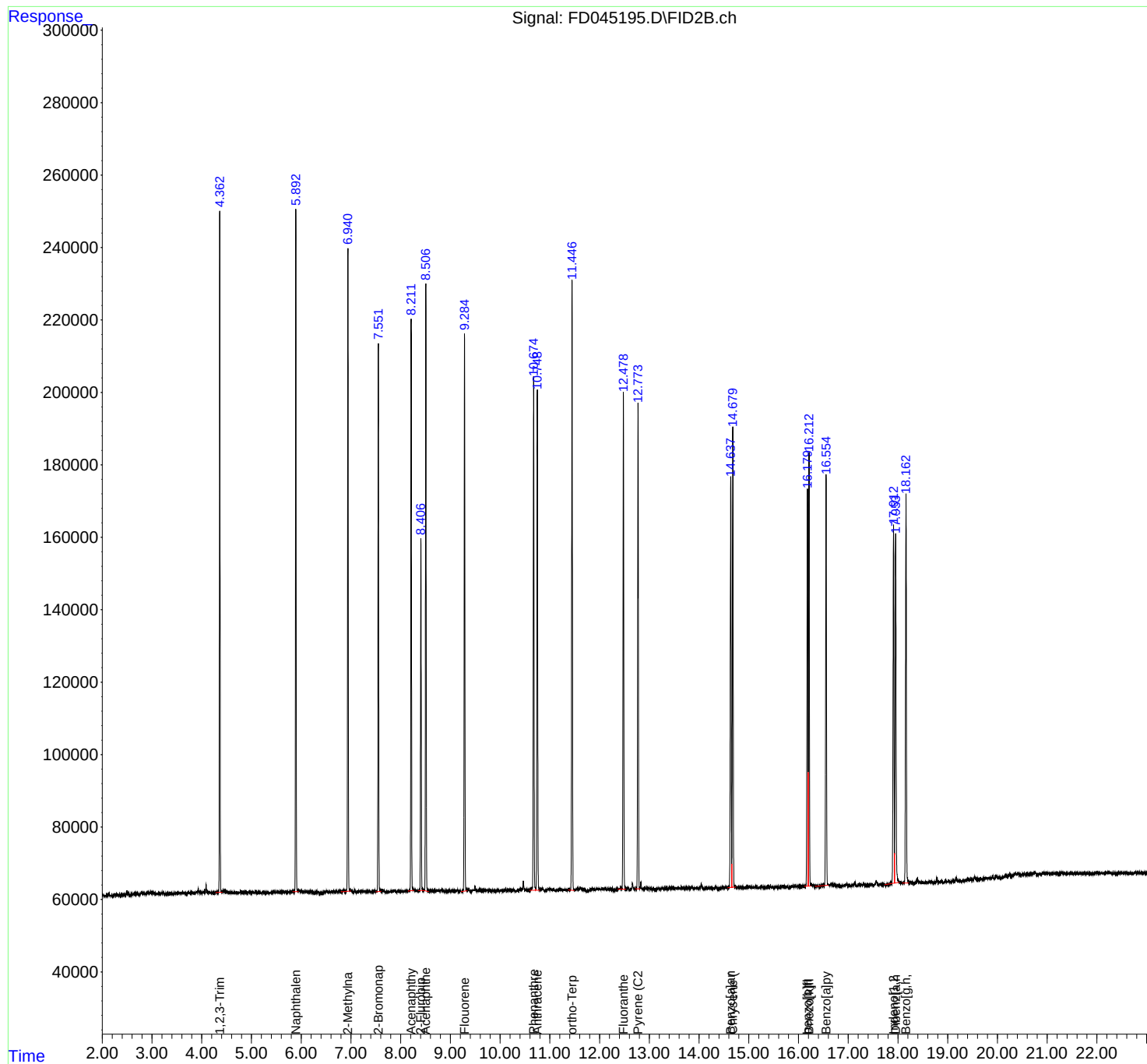
(m)=manual int.

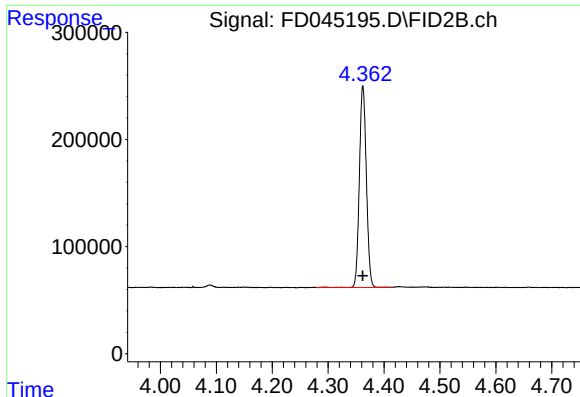
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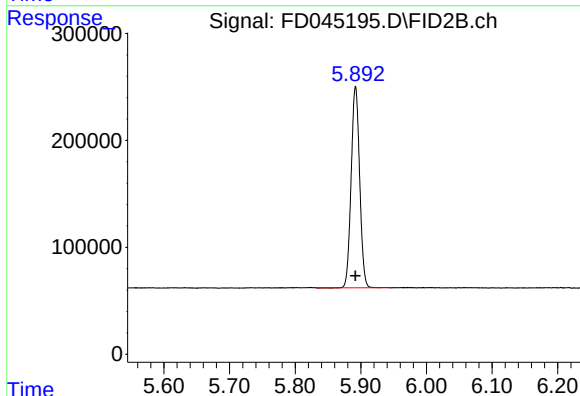




#1 1,2,3-Trimethylbenzene (C10.1)

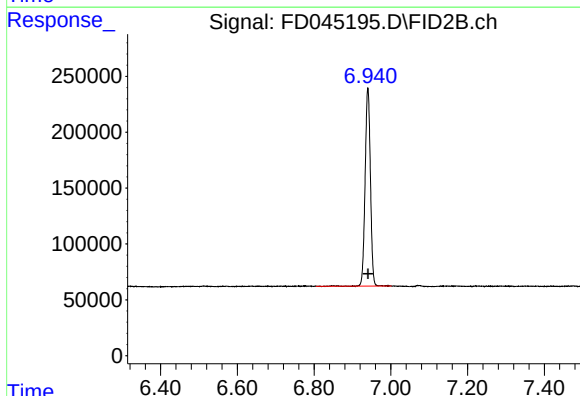
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 1631008
Conc: 11.08 ug/ml

Instrument :
FID_D
ClientSampleId :



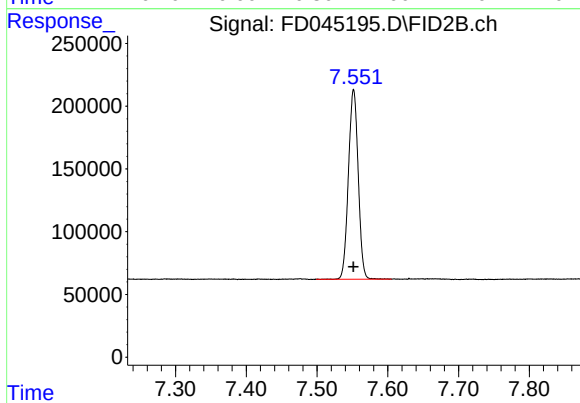
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 1691472
Conc: 11.01 ug/ml



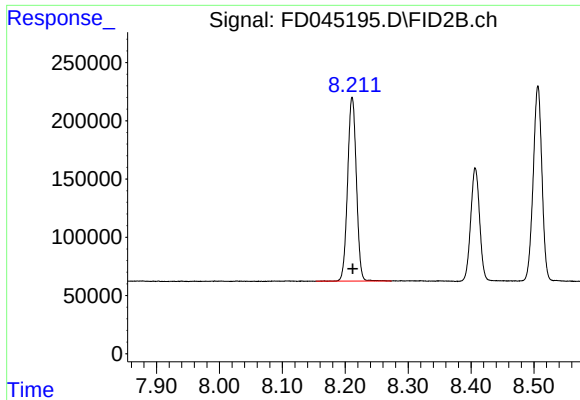
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 1695399
Conc: 10.98 ug/ml



#4 2-Bromonaphthalene (SURR)

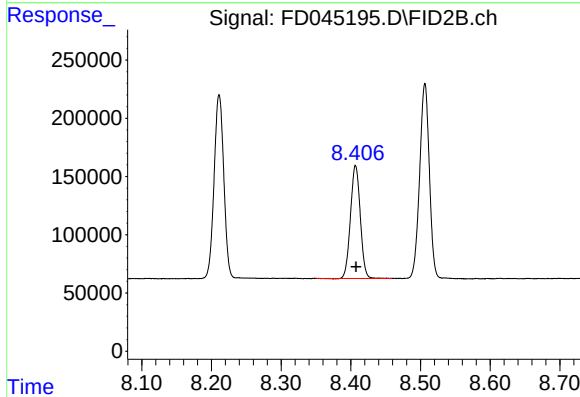
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 1449273
Conc: 11.01 ug/ml



#5 Acenaphthylene (C15.06)

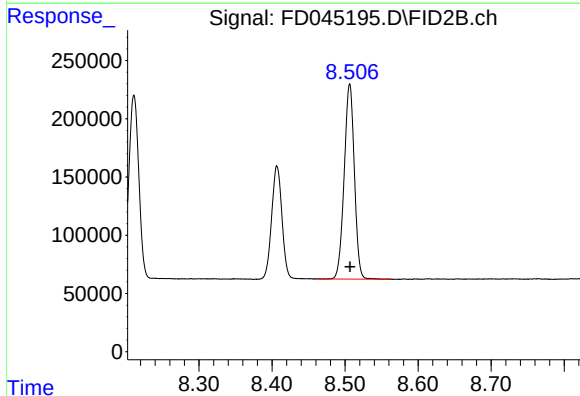
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 1529167
Conc: 10.94 ug/ml

Instrument :
FID_D
ClientSampleId :



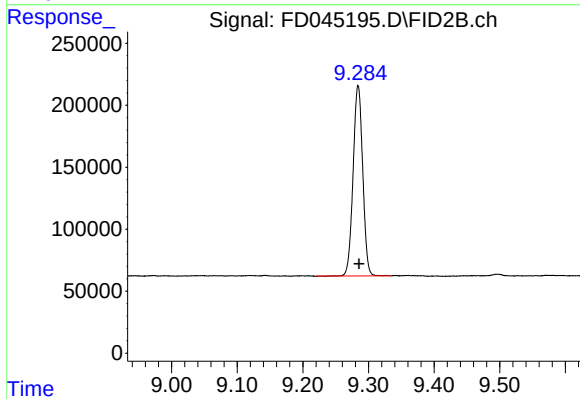
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 948789
Conc: 10.83 ug/ml



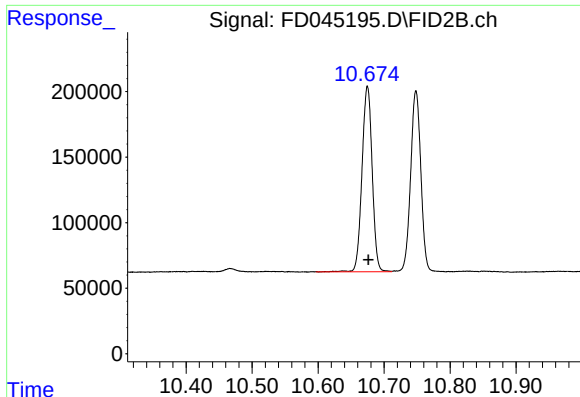
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 1626450
Conc: 10.99 ug/ml



#8 Flouorene (C16.55)

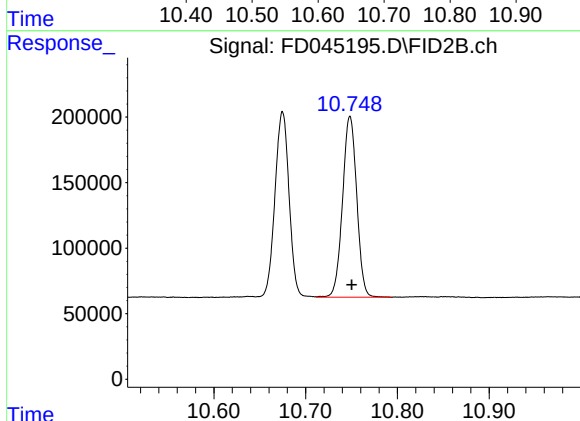
R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 1564915
Conc: 10.89 ug/ml



#9 Phenanthrene (C19.36)

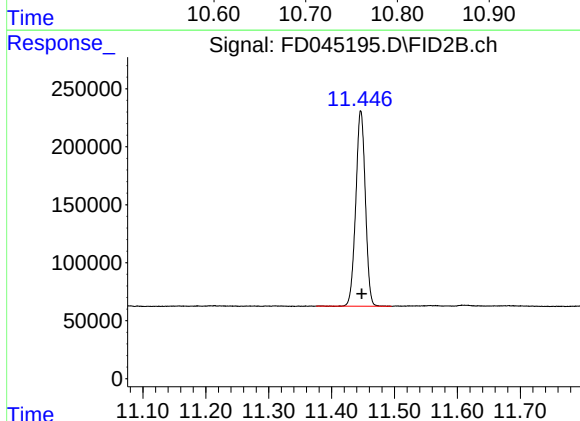
R.T.: 10.675 min
Delta R.T.: -0.001 min
Response: 1519433
Conc: 10.93 ug/ml

Instrument :
FID_D
ClientSampleId :



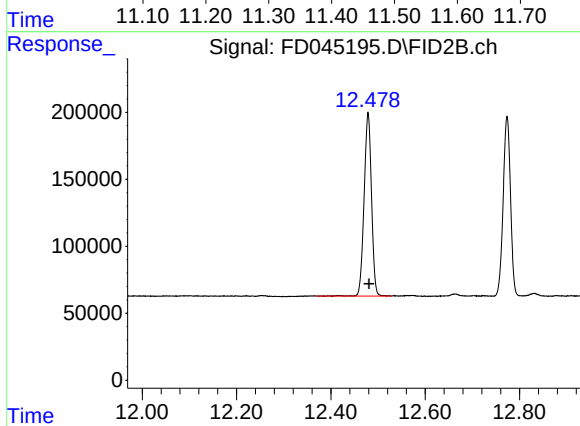
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.002 min
Response: 1486137
Conc: 10.89 ug/ml



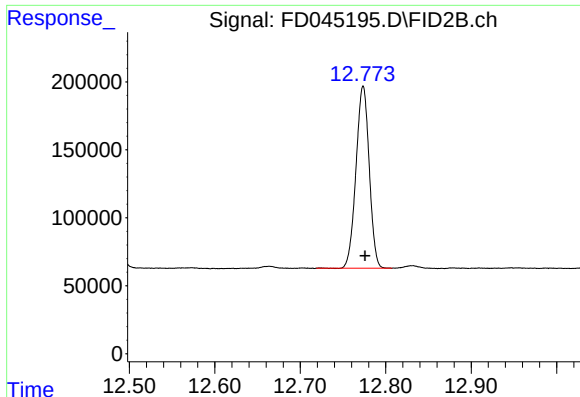
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.001 min
Response: 1781777
Conc: 11.02 ug/ml



#12 Fluoranthene (C21.85)

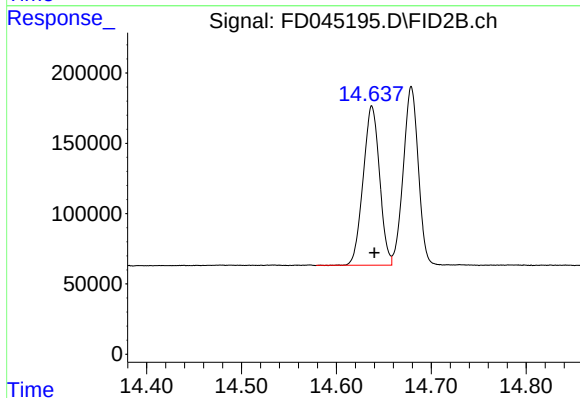
R.T.: 12.479 min
Delta R.T.: -0.002 min
Response: 1487483
Conc: 10.96 ug/ml



#13 Pyrene (C20.8)

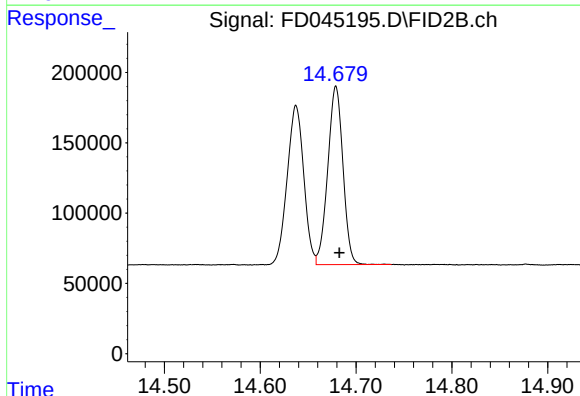
R.T.: 12.774 min
Delta R.T.: -0.002 min
Response: 1439641
Conc: 10.84 ug/ml

Instrument :
FID_D
ClientSampleId :



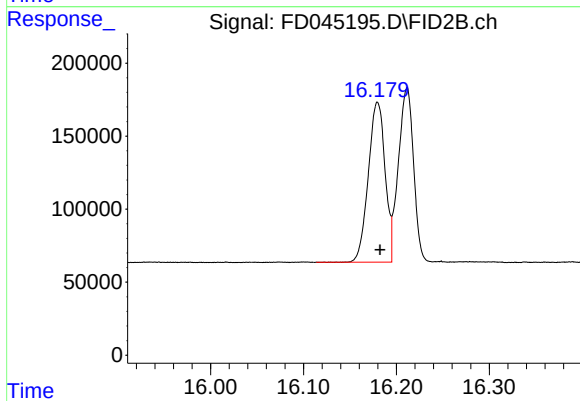
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.003 min
Response: 1359410
Conc: 10.94 ug/ml



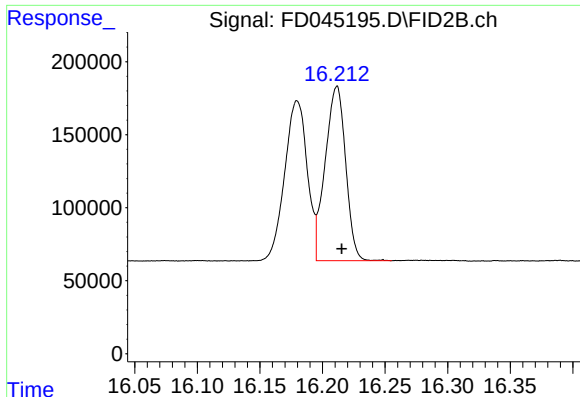
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.004 min
Response: 1394861
Conc: 10.99 ug/ml



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

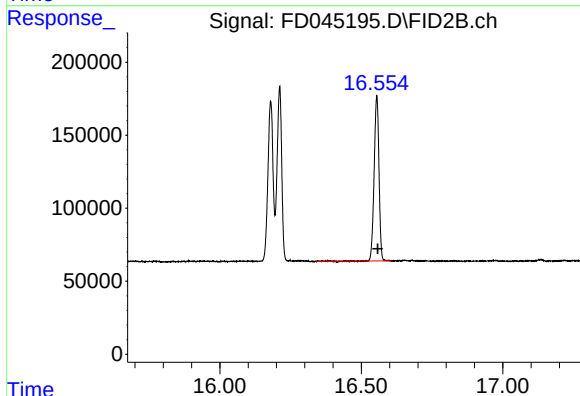
R.T.: 16.180 min
Delta R.T.: -0.003 min
Response: 1375401
Conc: 10.92 ug/ml



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

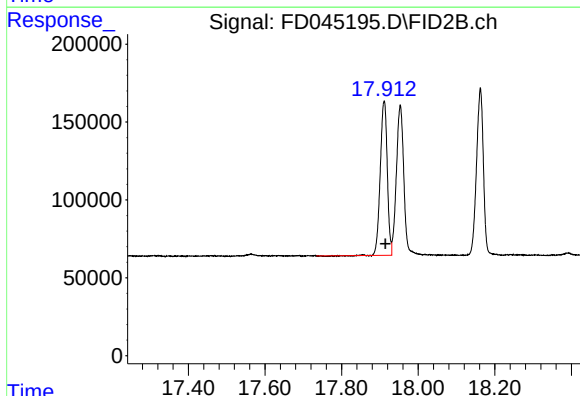
R.T.: 16.211 min
Delta R.T.: -0.004 min
Response: 1360454
Conc: 11.07 ug/ml

Instrument :
FID_D
ClientSampleId :



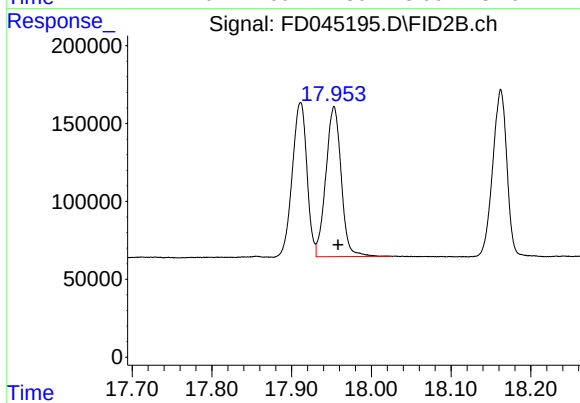
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.003 min
Response: 1337482
Conc: 10.90 ug/ml



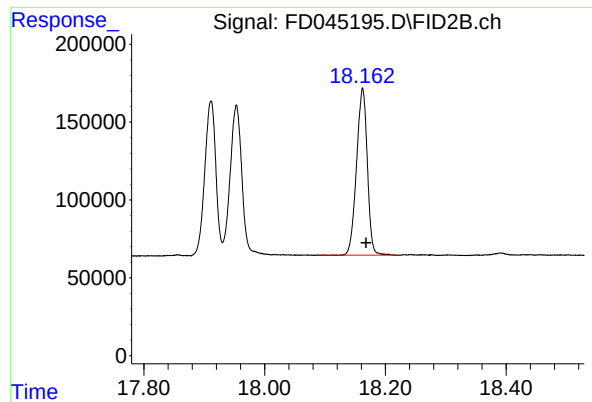
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: -0.003 min
Response: 1249449
Conc: 10.65 ug/ml



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

R.T.: 17.953 min
Delta R.T.: -0.005 min
Response: 1289302
Conc: 10.85 ug/ml



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

R.T.: 18.162 min
Delta R.T.: -0.006 min
Response: 1330065
Conc: 10.95 ug/ml

Instrument :

FID_D

ClientSampleId :