

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045802.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 09:31
 Operator : YP/AJ
 Sample : PB153237BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 15:10:08 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	8466071	46.959 ug/ml
Spiked Amount 50.000		Recovery =	93.92%
6) S 2-Fluorobiphenyl (SURR)	8.387	5422422	45.101 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.20%
11) S ortho-Terphenyl (SURR)	11.427	8748376	39.166 ug/ml
Spiked Amount 50.000		Recovery =	78.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.340	7767810	38.478 ug/ml
2) T Naphthalene (C11.7)	5.870	8749240	41.291 ug/ml
3) T 2-Methylnaphthalene (...)	6.919	8686723	41.130 ug/ml
5) T Acenaphthylene (C15.06)	8.192	9352703	49.364 ug/ml
7) T Acenaphthene (C15.5)	8.489	9886529	48.899 ug/ml
8) T Flouorene (C16.55)	9.268	9723737	49.076 ug/ml
9) T Phenanthrene (C19.36)	10.658	9831804	51.392 ug/ml
10) T Anthracene (C19.43)	10.734	9795347	57.502 ug/ml
12) T Fluoranthene (C21.85)	12.464	9694697	52.475 ug/ml
13) T Pyrene (C20.8)	12.759	9672723	54.159 ug/ml
14) T Benzo[a]anthracene (C...	14.622	8620541	55.059 ug/ml
15) T Chrysene (C27.41)	14.668	8513039	51.600 ug/ml
16) T benzo[b]fluoranthene ...	16.165	8333590	55.063 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	8042113	51.945 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.541	7325722	50.094 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	7298767	49.833 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	7544379	50.290 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	7643190	51.799 ug/ml

(f)=RT Delta > 1/2 Window

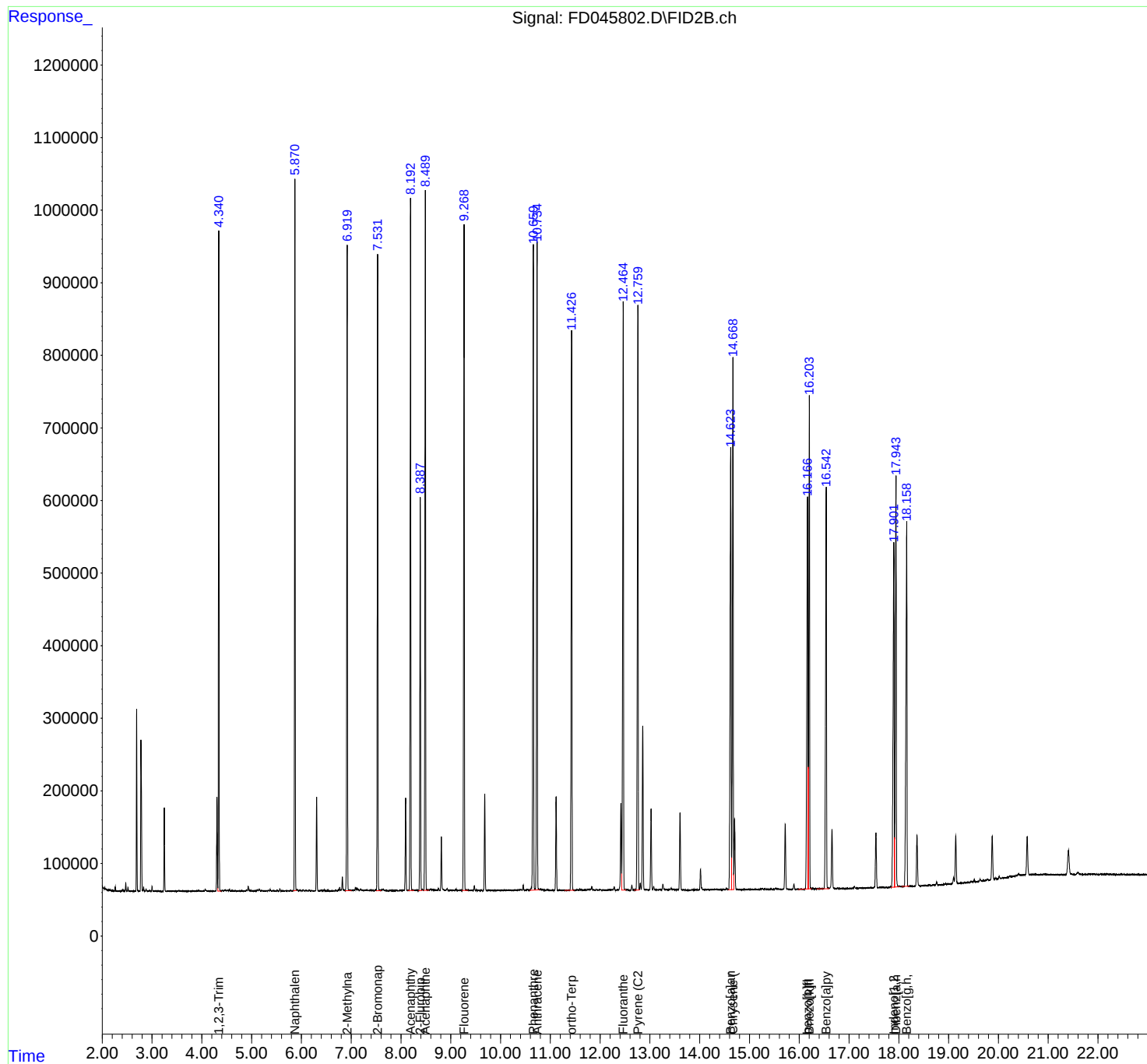
(m)=manual int.

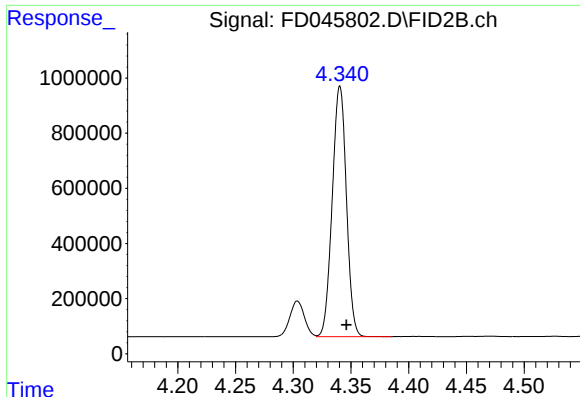
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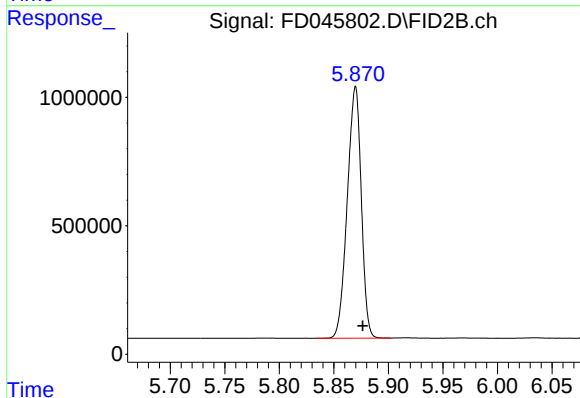




#1 1,2,3-Trimethylbenzene (C10.1)

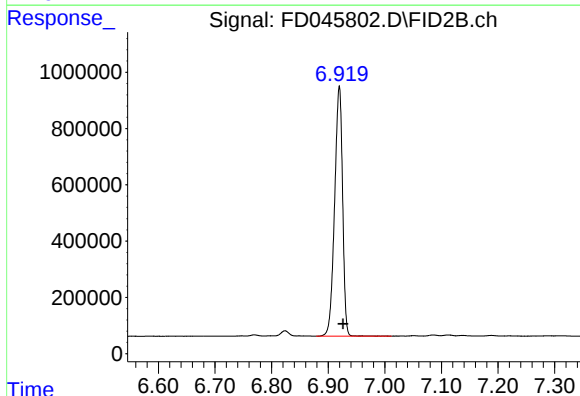
R.T.: 4.340 min
Delta R.T.: -0.006 min
Response: 7767810
Conc: 38.48 ug/ml

Instrument :
FID_D
ClientSampleId :



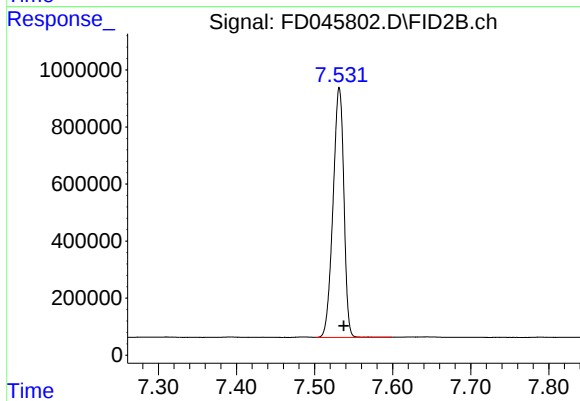
#2 Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 8749240
Conc: 41.29 ug/ml



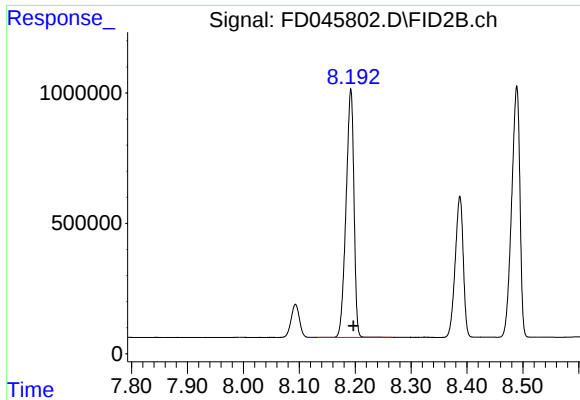
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.919 min
Delta R.T.: -0.007 min
Response: 8686723
Conc: 41.13 ug/ml



#4 2-Bromonaphthalene (SURR)

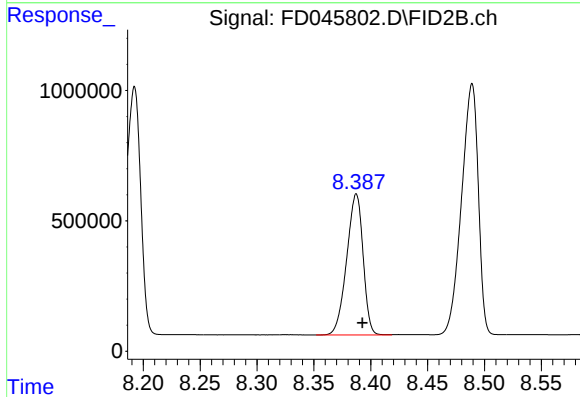
R.T.: 7.532 min
Delta R.T.: -0.006 min
Response: 8466071
Conc: 46.96 ug/ml



#5 Acenaphthylene (C15.06)

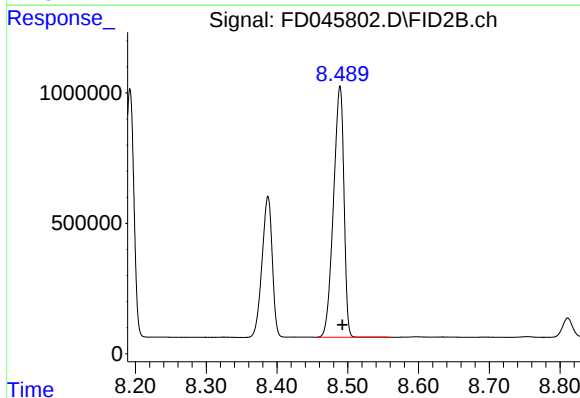
R.T.: 8.192 min
Delta R.T.: -0.005 min
Response: 9352703
Conc: 49.36 ug/ml

Instrument :
FID_D
ClientSampleId :



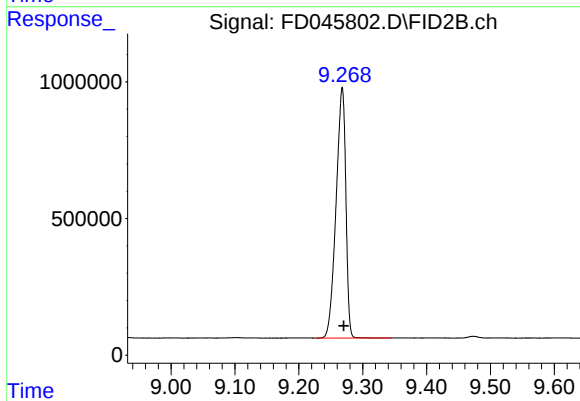
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: -0.006 min
Response: 5422422
Conc: 45.10 ug/ml



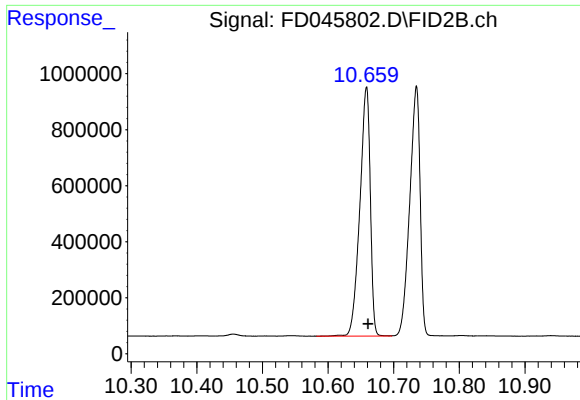
#7 Acenaphthene (C15.5)

R.T.: 8.489 min
Delta R.T.: -0.004 min
Response: 9886529
Conc: 48.90 ug/ml



#8 Flouorene (C16.55)

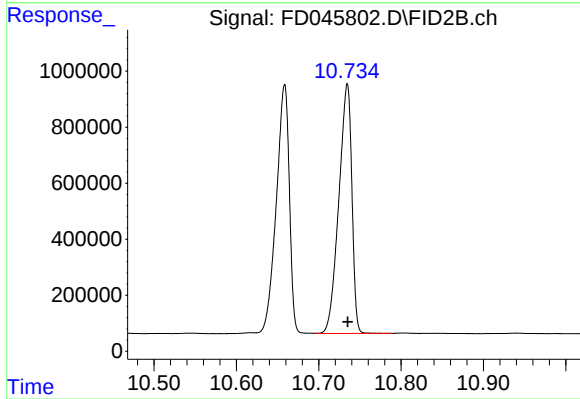
R.T.: 9.268 min
Delta R.T.: -0.003 min
Response: 9723737
Conc: 49.08 ug/ml



#9 Phenanthrene (C19.36)

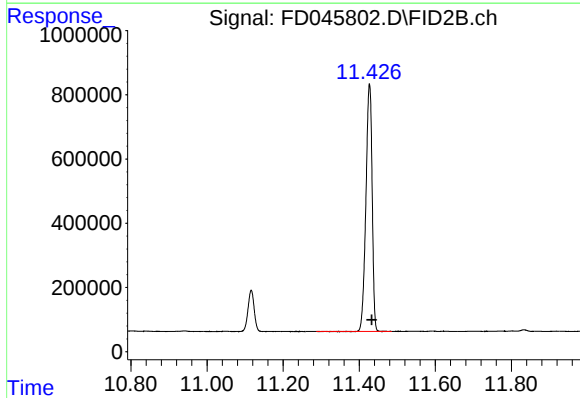
R.T.: 10.658 min
Delta R.T.: -0.003 min
Response: 9831804
Conc: 51.39 ug/ml

Instrument :
FID_D
ClientSampleId :



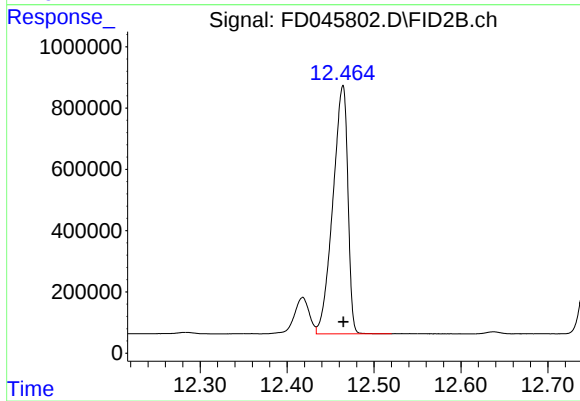
#10 Anthracene (C19.43)

R.T.: 10.734 min
Delta R.T.: -0.001 min
Response: 9795347
Conc: 57.50 ug/ml



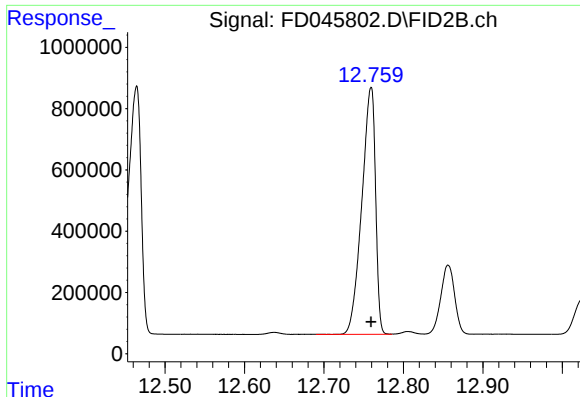
#11 ortho-Terphenyl (SURR)

R.T.: 11.427 min
Delta R.T.: -0.006 min
Response: 8748376
Conc: 39.17 ug/ml



#12 Fluoranthene (C21.85)

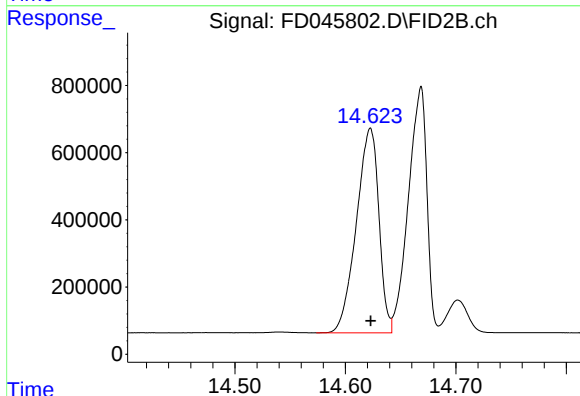
R.T.: 12.464 min
Delta R.T.: -0.001 min
Response: 9694697
Conc: 52.48 ug/ml



#13 Pyrene (C20.8)

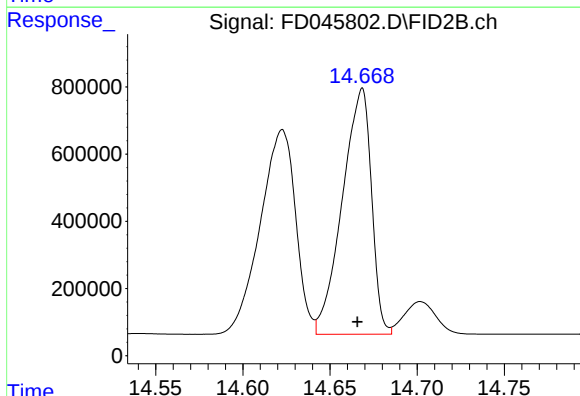
R.T.: 12.759 min
Delta R.T.: 0.000 min
Response: 9672723
Conc: 54.16 ug/ml

Instrument :
FID_D
ClientSampleId :



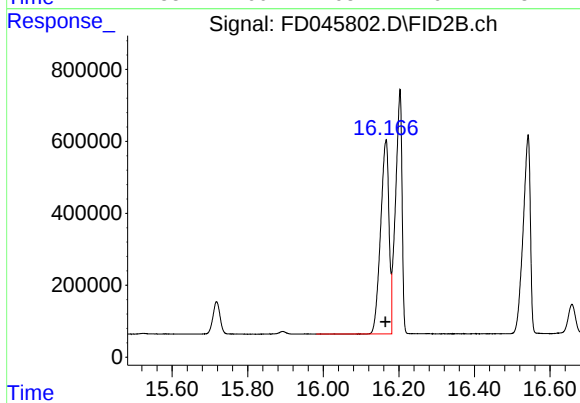
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.622 min
Delta R.T.: 0.000 min
Response: 8620541
Conc: 55.06 ug/ml



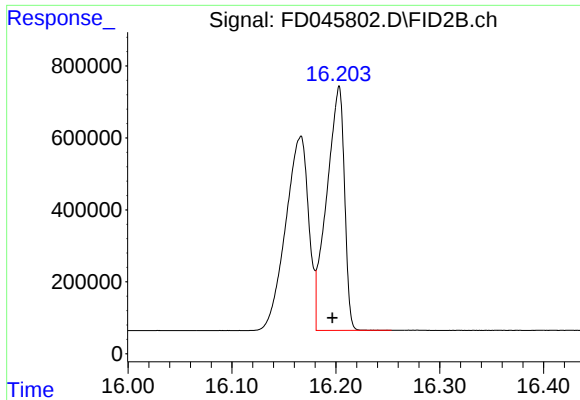
#15 Chrysene (C27.41)

R.T.: 14.668 min
Delta R.T.: 0.002 min
Response: 8513039
Conc: 51.60 ug/ml



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

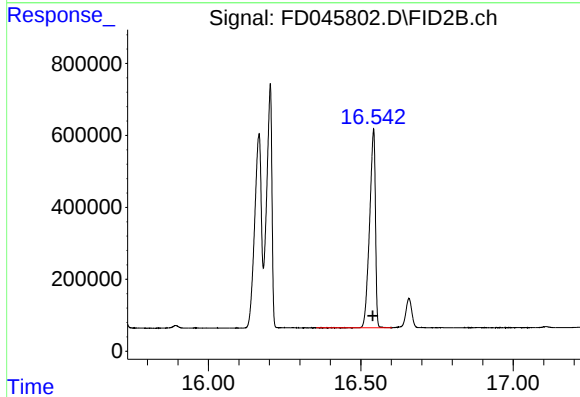
R.T.: 16.165 min
Delta R.T.: 0.001 min
Response: 8333590
Conc: 55.06 ug/ml



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

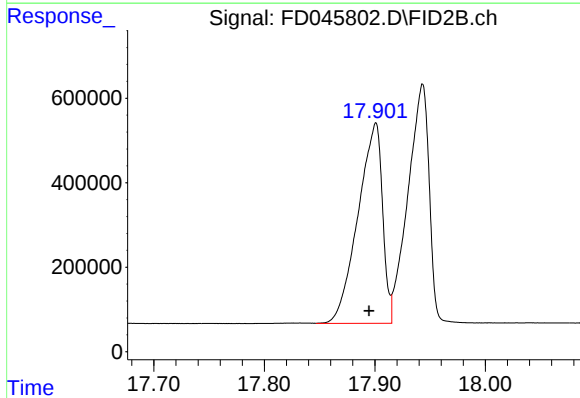
R.T.: 16.202 min
Delta R.T.: 0.005 min
Response: 8042113
Conc: 51.95 ug/ml

Instrument :
FID_D
ClientSampleId :



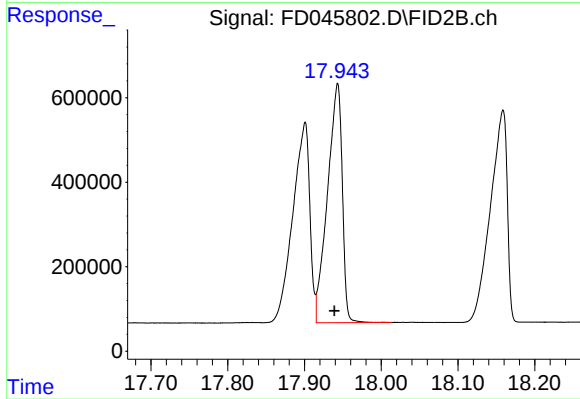
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.541 min
Delta R.T.: 0.002 min
Response: 7325722
Conc: 50.09 ug/ml



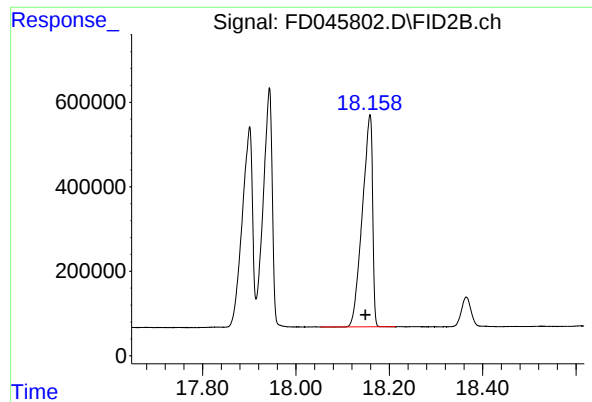
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 7298767
Conc: 49.83 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.003 min
Response: 7544379
Conc: 50.29 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.009 min
Response: 7643190
Conc: 51.80 ug/ml

Instrument :

FID_D

ClientSampleId :