

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052623AR\
 Data File : FD045747.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 13:54
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 27 02:09:08 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...	7.538	3418364	20.041 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
6) S 2-Fluorobiphenyl (SURR)	8.393	2263876	19.690 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.38%
11) S ortho-Terphenyl (SURR)	11.433	4176468	19.782 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.347	3852515	20.639 ug/ml
2) T Naphthalene (C11.7)	5.877	4013461	20.404 ug/ml
3) T 2-Methylnaphthalene (...)	6.926	4011984	20.309 ug/ml
5) T Acenaphthylene (C15.06)	8.197	3592375	19.995 ug/ml
7) T Acenaphthene (C15.5)	8.492	3812168	20.033 ug/ml
8) T Fluorene (C16.55)	9.271	3714697	19.697 ug/ml
9) T Phenanthrene (C19.36)	10.662	3585835	19.292 ug/ml
10) T Anthracene (C19.43)	10.735	3382193	18.919 ug/ml
12) T Fluoranthene (C21.85)	12.465	3423266	18.976 ug/ml
13) T Pyrene (C20.8)	12.760	3303901	18.851 ug/ml
14) T Benzo[a]anthracene (C...	14.623	2859424	17.965 ug/ml
15) T Chrysene (C27.41)	14.665	2948832	18.160 ug/ml
16) T benzo[b]fluoranthene ...	16.164	2788492	18.934 ug/ml
17) T Bnezo[k]fluoranthene ...	16.196	2743580	18.975 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.538	2703790	19.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.895	2644365	20.813 ug/ml
20) T Dibenz[a,h]anthracene...	17.938	2687604	20.927 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	2734573	21.260 ug/ml

(f)=RT Delta > 1/2 Window

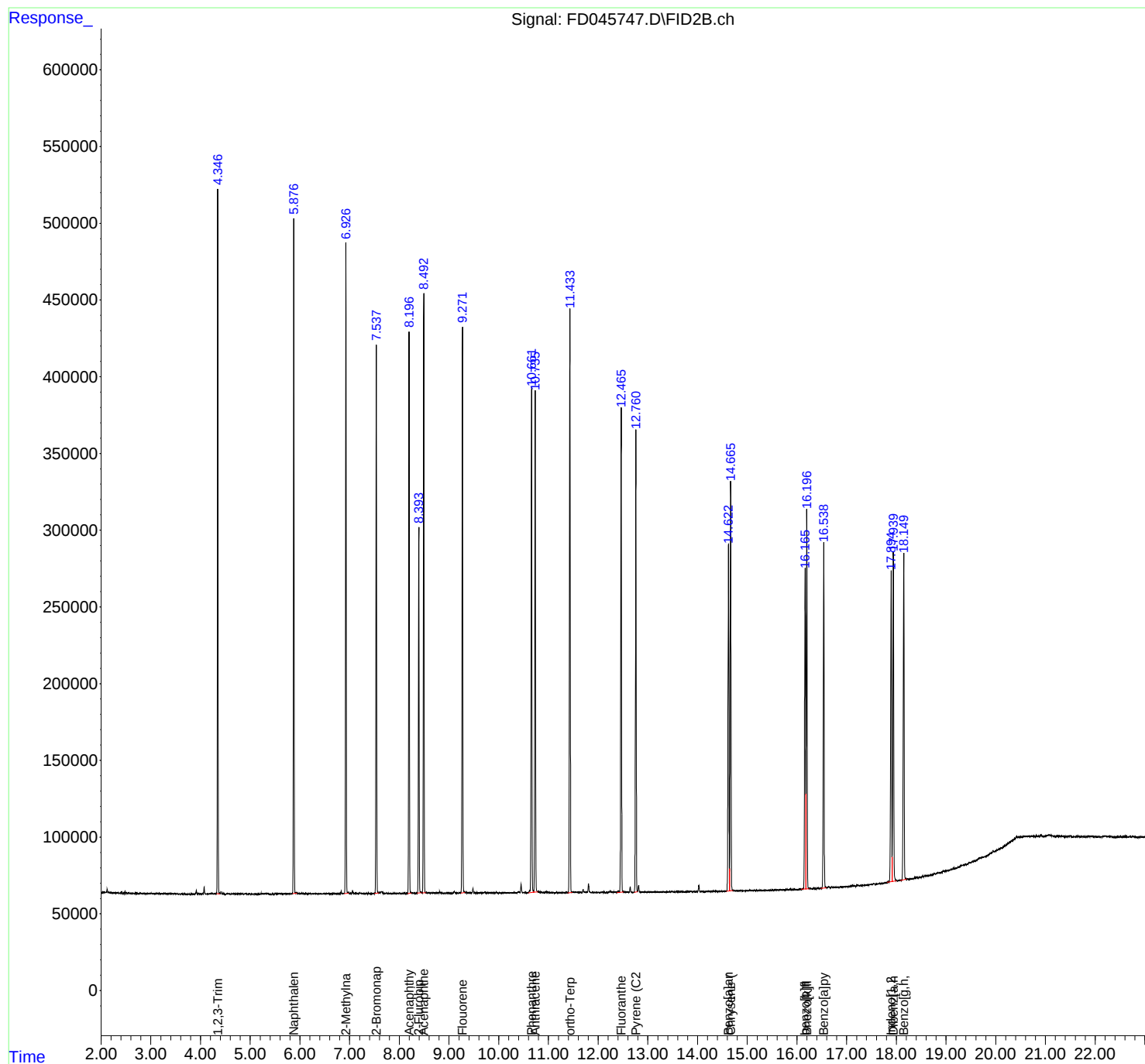
(m)=manual int.

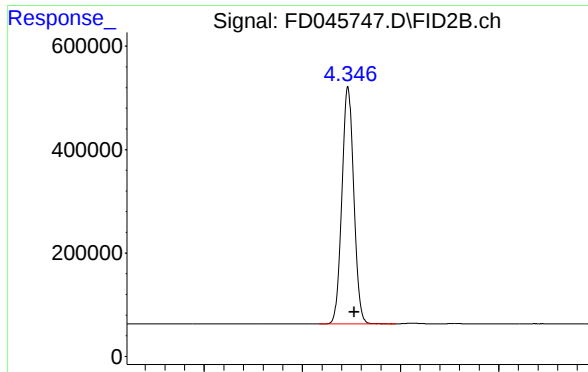
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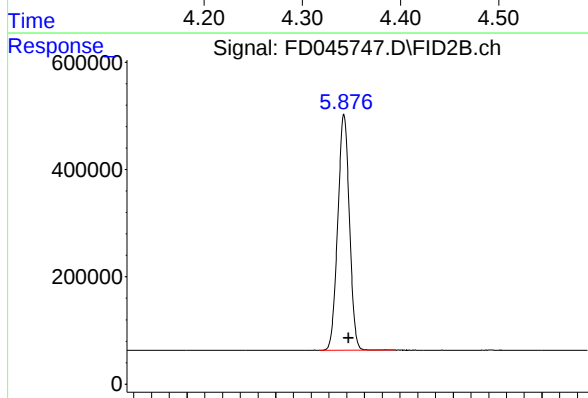




#1 1,2,3-Trimethylbenzene (C10.1)

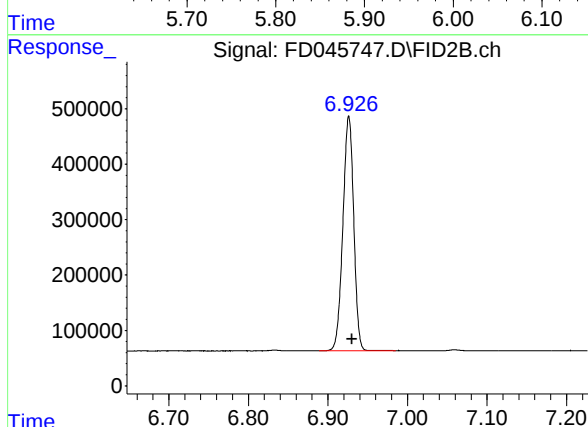
R.T.: 4.347 min
Delta R.T.: -0.006 min
Response: 3852515
Conc: 20.64 ug/ml

Instrument :
FID_D
ClientSampleId :



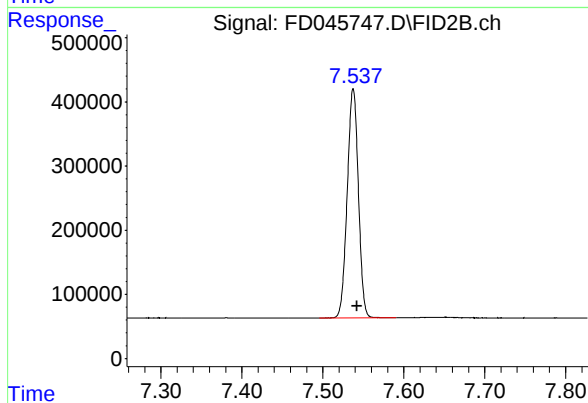
#2 Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.005 min
Response: 4013461
Conc: 20.40 ug/ml



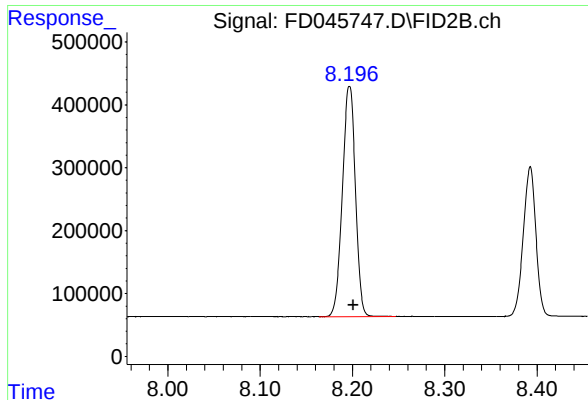
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 4011984
Conc: 20.31 ug/ml



#4 2-Bromonaphthalene (SURR)

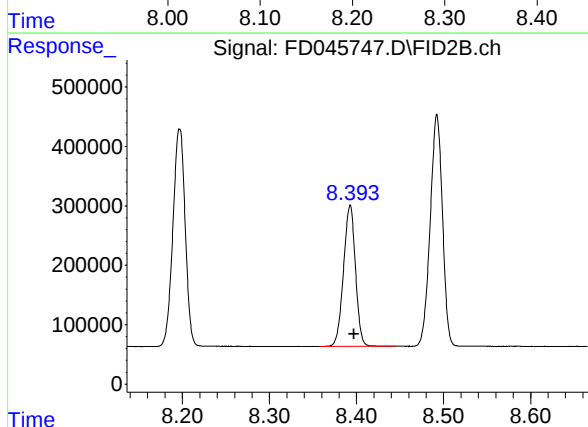
R.T.: 7.538 min
Delta R.T.: -0.005 min
Response: 3418364
Conc: 20.04 ug/ml



#5 Acenaphthylene (C15.06)

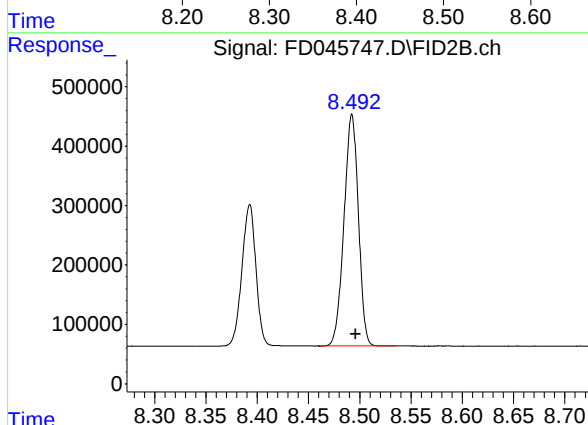
R.T.: 8.197 min
Delta R.T.: -0.004 min
Response: 3592375
Conc: 19.99 ug/ml

Instrument :
FID_D
ClientSampleId :



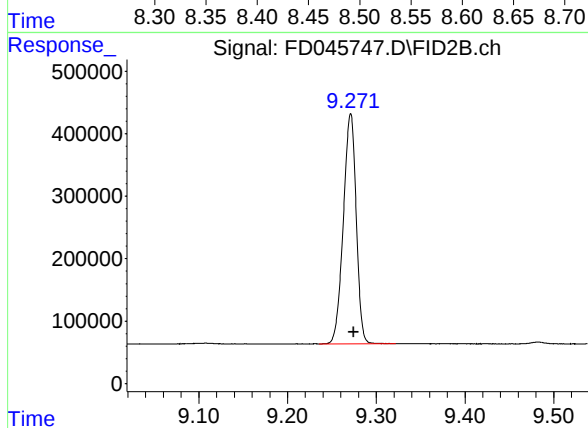
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.393 min
Delta R.T.: -0.005 min
Response: 2263876
Conc: 19.69 ug/ml



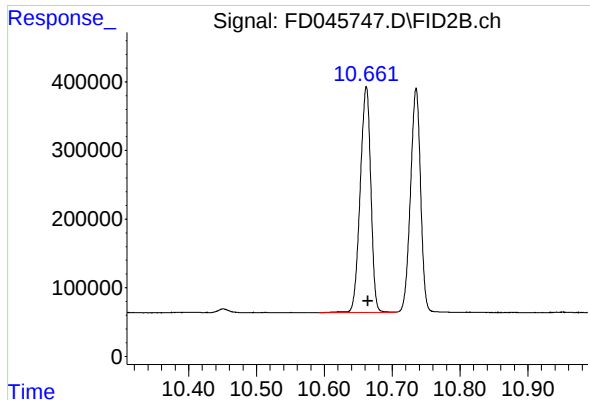
#7 Acenaphthene (C15.5)

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 3812168
Conc: 20.03 ug/ml



#8 Fluorene (C16.55)

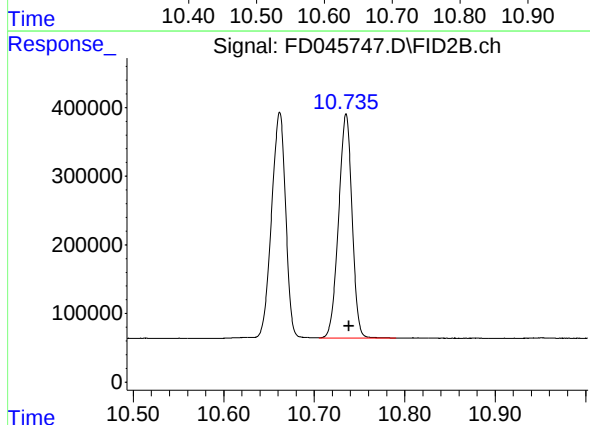
R.T.: 9.271 min
Delta R.T.: -0.004 min
Response: 3714697
Conc: 19.70 ug/ml



#9 Phenanthrene (C19.36)

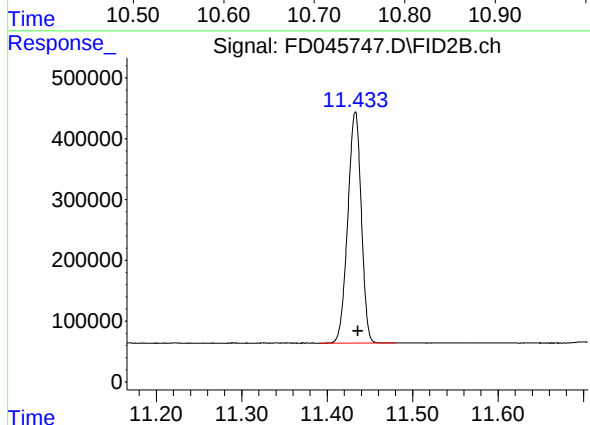
R.T.: 10.662 min
Delta R.T.: -0.003 min
Response: 3585835
Conc: 19.29 ug/ml

Instrument :
FID_D
ClientSampleId :



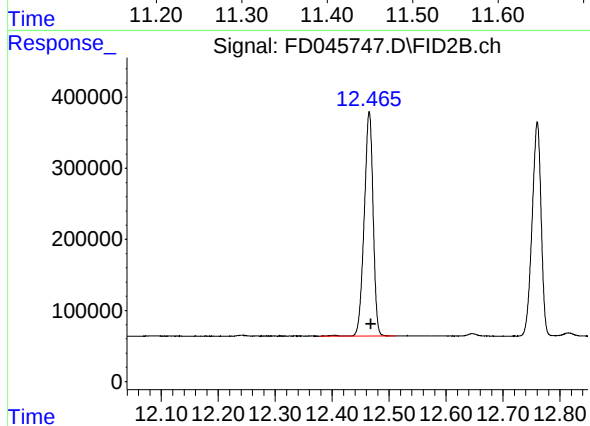
#10 Anthracene (C19.43)

R.T.: 10.735 min
Delta R.T.: -0.003 min
Response: 3382193
Conc: 18.92 ug/ml



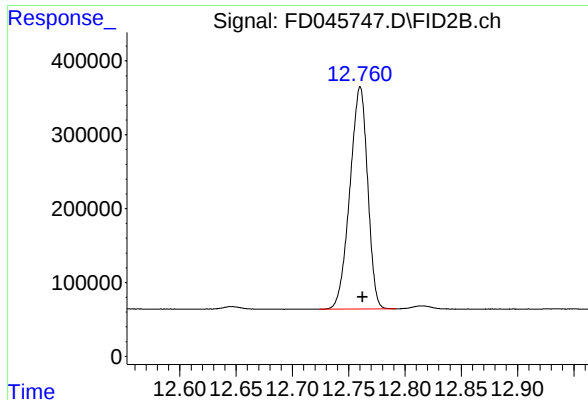
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 4176468
Conc: 19.78 ug/ml



#12 Fluoranthene (C21.85)

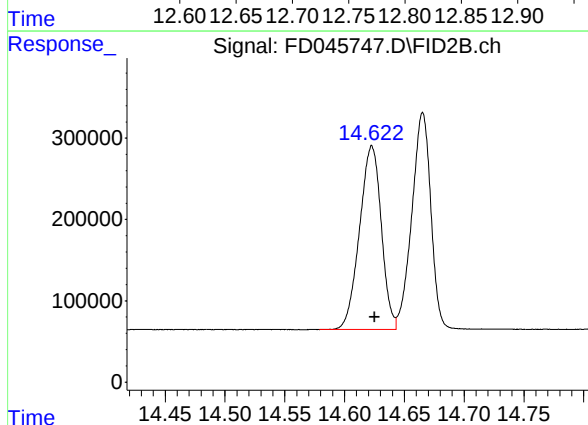
R.T.: 12.465 min
Delta R.T.: -0.003 min
Response: 3423266
Conc: 18.98 ug/ml



#13 Pyrene (C20.8)

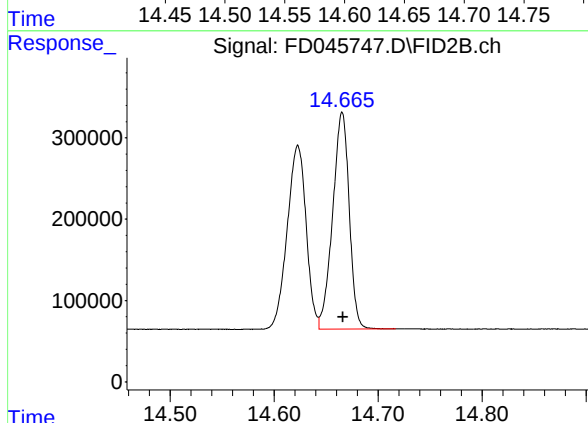
R.T.: 12.760 min
Delta R.T.: -0.002 min
Response: 3303901
Conc: 18.85 ug/ml

Instrument :
FID_D
ClientSampleId :



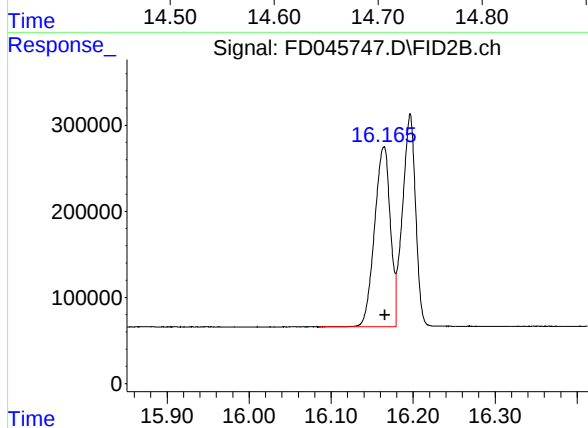
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.623 min
Delta R.T.: -0.003 min
Response: 2859424
Conc: 17.96 ug/ml



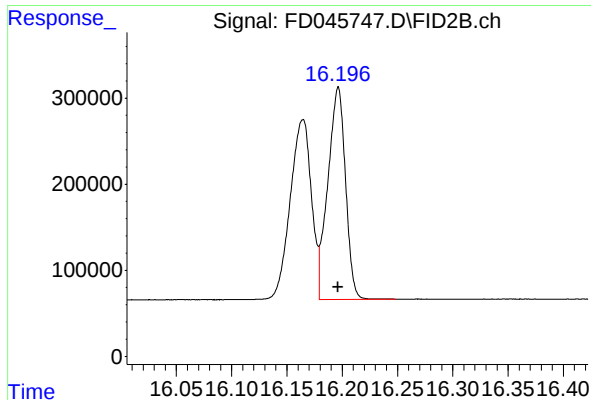
#15 Chrysene (C27.41)

R.T.: 14.665 min
Delta R.T.: 0.000 min
Response: 2948832
Conc: 18.16 ug/ml



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

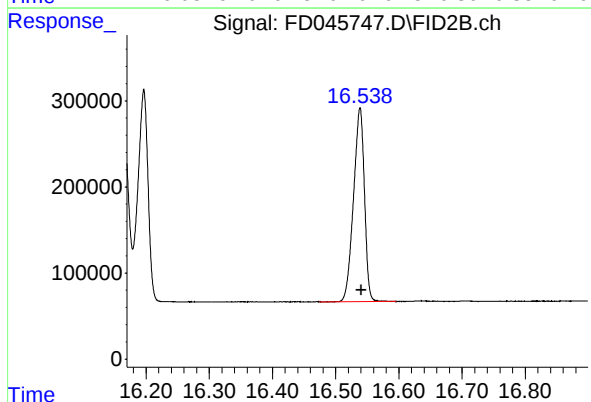
R.T.: 16.164 min
Delta R.T.: -0.002 min
Response: 2788492
Conc: 18.93 ug/ml



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

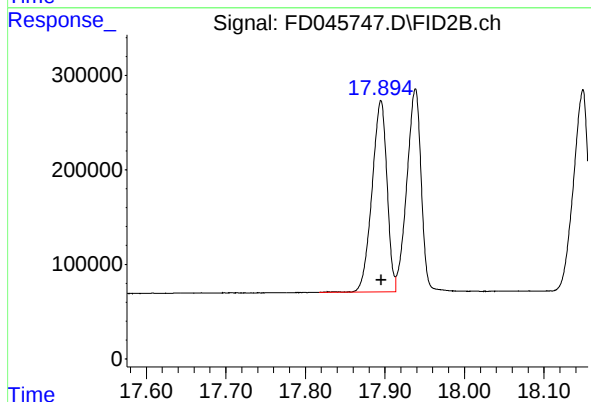
R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 2743580
Conc: 18.97 ug/ml

Instrument :
FID_D
ClientSampleId :



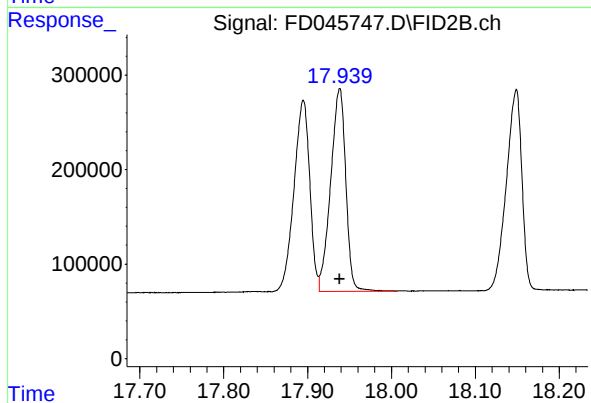
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.538 min
Delta R.T.: -0.002 min
Response: 2703790
Conc: 19.39 ug/ml



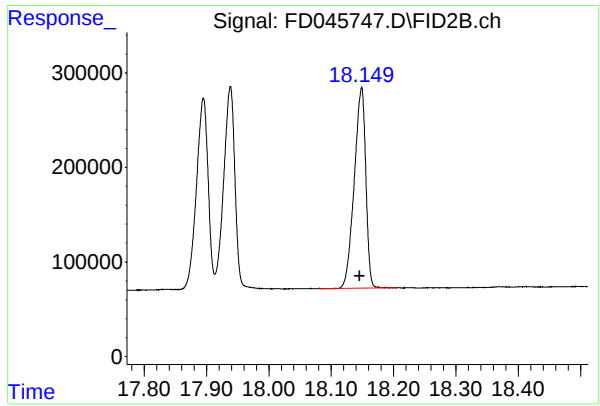
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 2644365
Conc: 20.81 ug/ml



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

R.T.: 17.938 min
Delta R.T.: 0.000 min
Response: 2687604
Conc: 20.93 ug/ml



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

R.T.: 18.148 min

Delta R.T.: 0.002 min

Response: 2734573

Conc: 21.26 ug/ml

Instrument :

FID_D

ClientSampleId :