

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060823AR\
 Data File : FD045824.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jun 2023 09:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 08 12:19:28 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...	7.528	3893619	21.597 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
6) S 2-Fluorobiphenyl (SURR)	8.383	2544672	21.166 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.33%
11) S ortho-Terphenyl (SURR)	11.423	4675691	20.933 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.337	4481342	22.198 ug/ml
2) T Naphthalene (C11.7)	5.867	4620999	21.808 ug/ml
3) T 2-Methylnaphthalene (...)	6.916	4552118	21.553 ug/ml
5) T Acenaphthylene (C15.06)	8.187	4034226	21.293 ug/ml
7) T Acenaphthene (C15.5)	8.483	4323751	21.386 ug/ml
8) T Flouorene (C16.55)	9.261	4169870	21.046 ug/ml
9) T Phenanthrene (C19.36)	10.651	3936625	20.577 ug/ml
10) T Anthracene (C19.43)	10.724	3279885	19.254 ug/ml
12) T Fluoranthene (C21.85)	12.454	3735365	20.219 ug/ml
13) T Pyrene (C20.8)	12.749	3628273	20.315 ug/ml
14) T Benzo[a]anthracene (C...	14.613	3057824	19.530 ug/ml
15) T Chrysene (C27.41)	14.655	3258627	19.751 ug/ml
16) T benzo[b]fluoranthene ...	16.154	3025091	19.988 ug/ml
17) T Bnezo[k]fluoranthene ...	16.187	3002657	19.395 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.529	2962475	20.258 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	2925169	19.972 ug/ml
20) T Dibenz[a,h]anthracene...	17.928	3047814	20.316 ug/ml
21) T Benzo[g,h,i]perylene ...	18.139	3029920	20.534 ug/ml

(f)=RT Delta > 1/2 Window

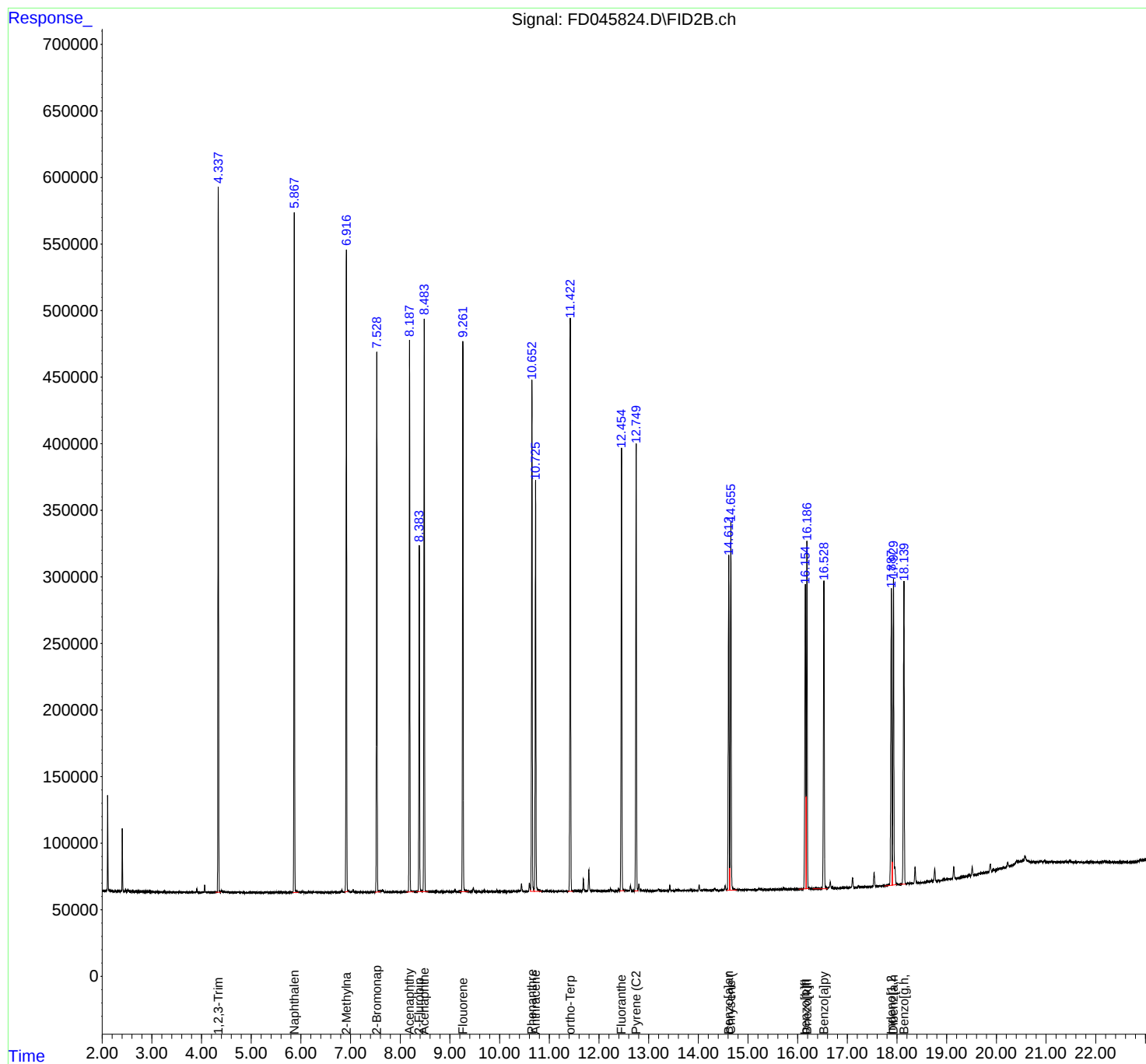
(m)=manual int.

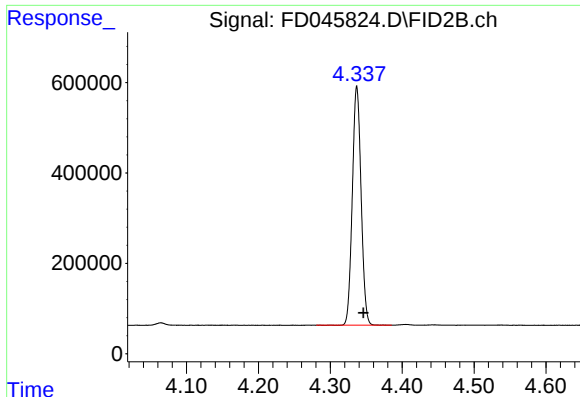
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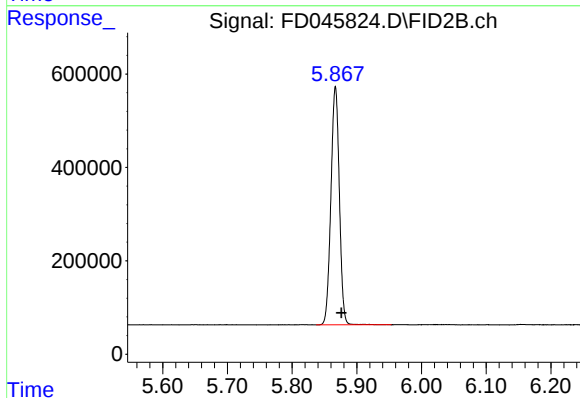




#1 1,2,3-Trimethylbenzene (C10.1)

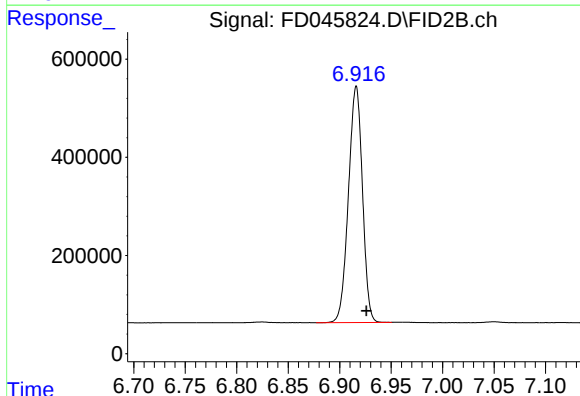
R.T.: 4.337 min
Delta R.T.: -0.009 min
Response: 4481342
Conc: 22.20 ug/ml

Instrument :
FID_D
ClientSampleId :



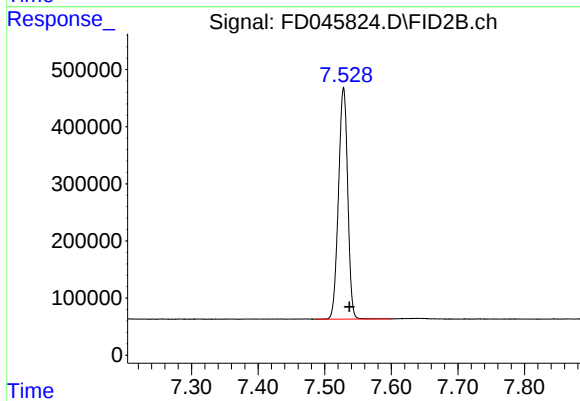
#2 Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: -0.010 min
Response: 4620999
Conc: 21.81 ug/ml



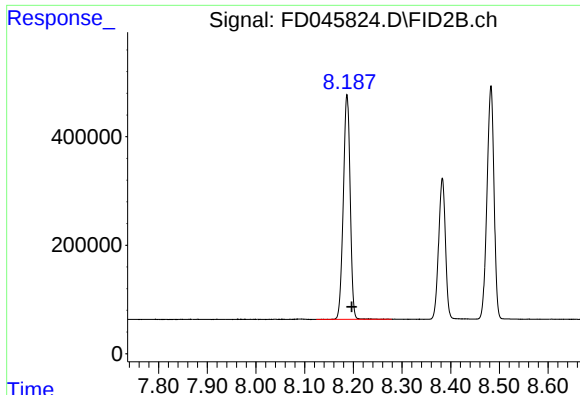
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.916 min
Delta R.T.: -0.010 min
Response: 4552118
Conc: 21.55 ug/ml



#4 2-Bromonaphthalene (SURR)

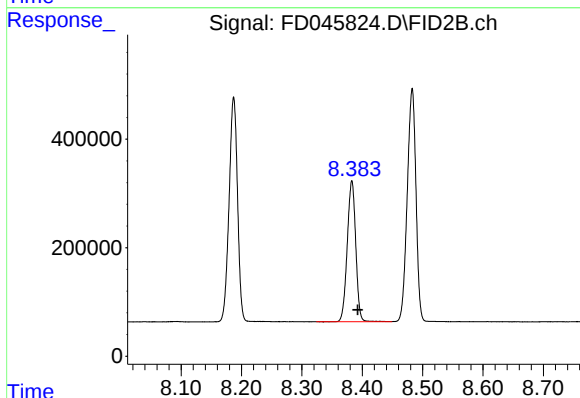
R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 3893619
Conc: 21.60 ug/ml



#5 Acenaphthylene (C15.06)

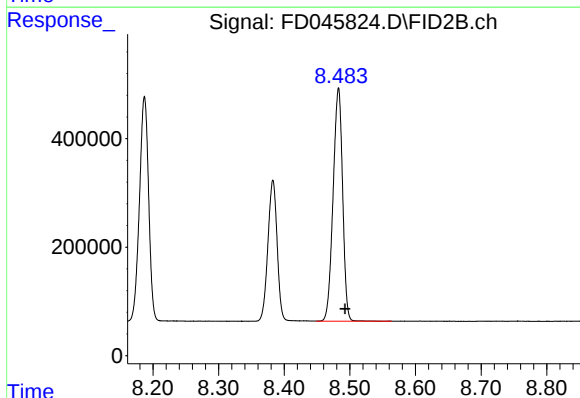
R.T.: 8.187 min
Delta R.T.: -0.010 min
Response: 4034226
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :



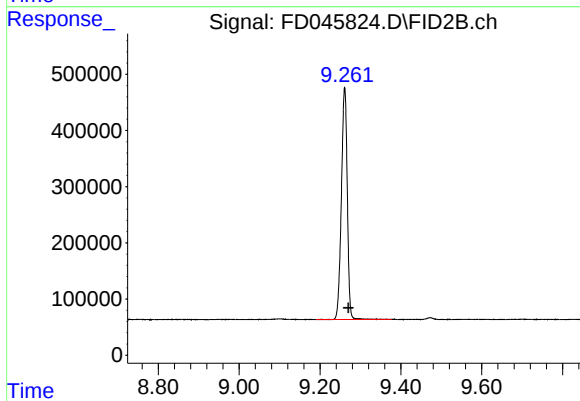
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: -0.010 min
Response: 2544672
Conc: 21.17 ug/ml



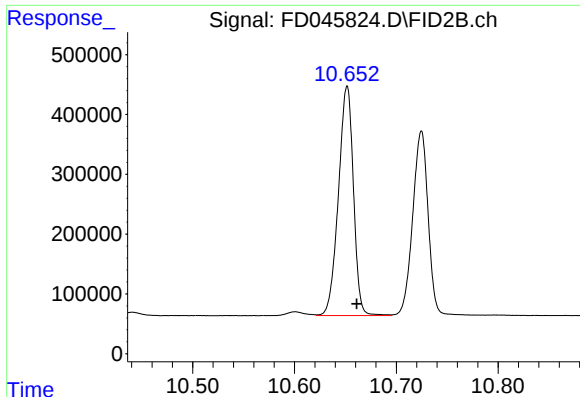
#7 Acenaphthene (C15.5)

R.T.: 8.483 min
Delta R.T.: -0.010 min
Response: 4323751
Conc: 21.39 ug/ml



#8 Fluorene (C16.55)

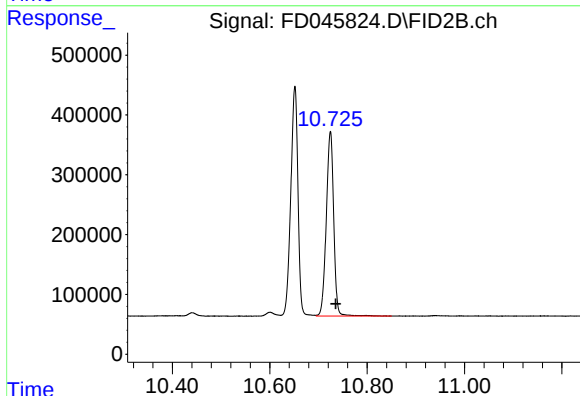
R.T.: 9.261 min
Delta R.T.: -0.010 min
Response: 4169870
Conc: 21.05 ug/ml



#9 Phenanthrene (C19.36)

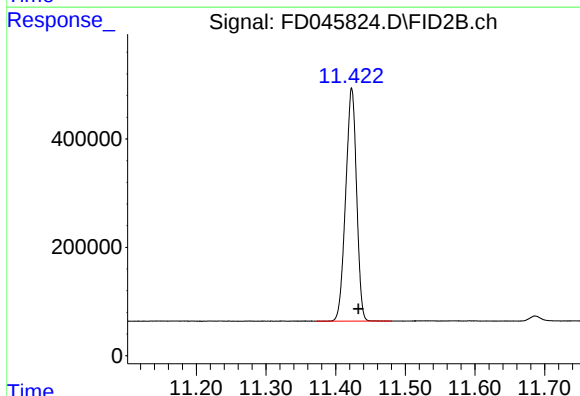
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 3936625
Conc: 20.58 ug/ml

Instrument :
FID_D
ClientSampleId :



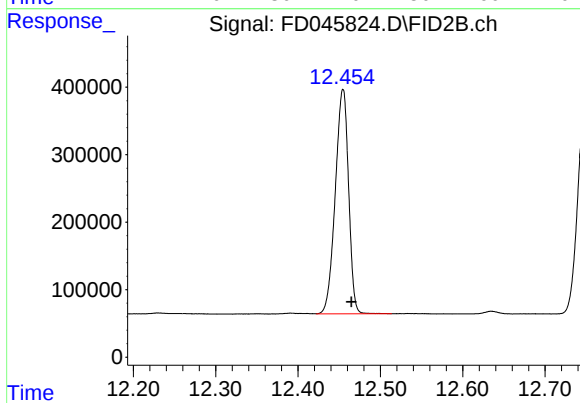
#10 Anthracene (C19.43)

R.T.: 10.724 min
Delta R.T.: -0.011 min
Response: 3279885
Conc: 19.25 ug/ml



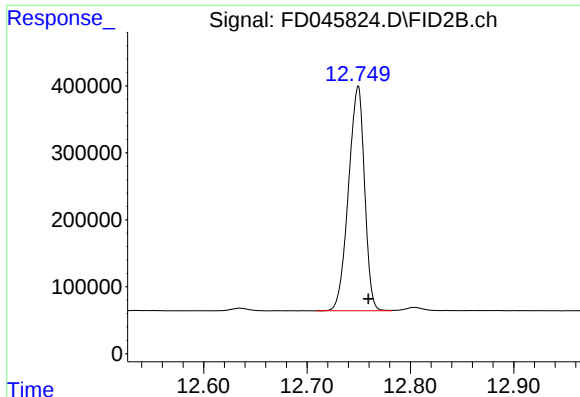
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: -0.010 min
Response: 4675691
Conc: 20.93 ug/ml



#12 Fluoranthene (C21.85)

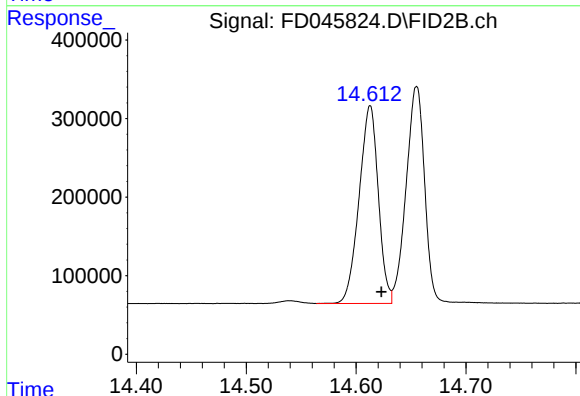
R.T.: 12.454 min
Delta R.T.: -0.011 min
Response: 3735365
Conc: 20.22 ug/ml



#13 Pyrene (C20.8)

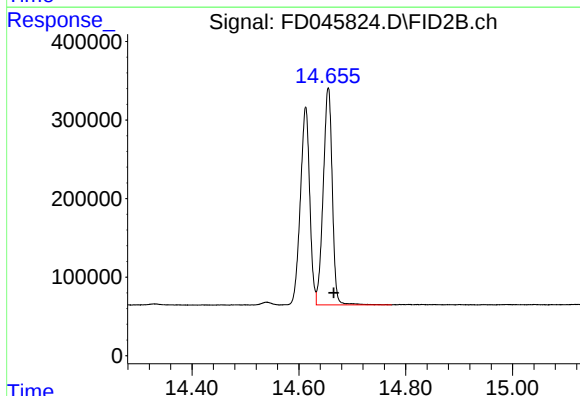
R.T.: 12.749 min
Delta R.T.: -0.010 min
Response: 3628273
Conc: 20.32 ug/ml

Instrument :
FID_D
ClientSampleId :



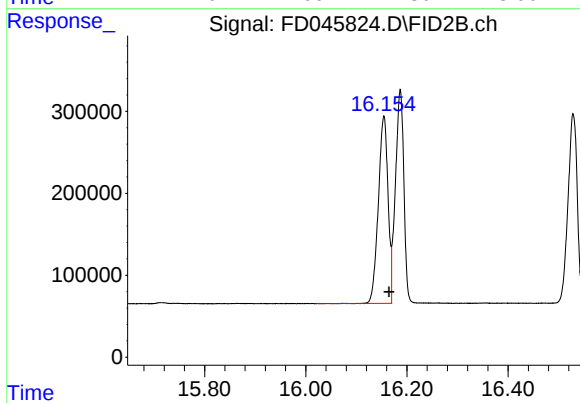
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: -0.010 min
Response: 3057824
Conc: 19.53 ug/ml



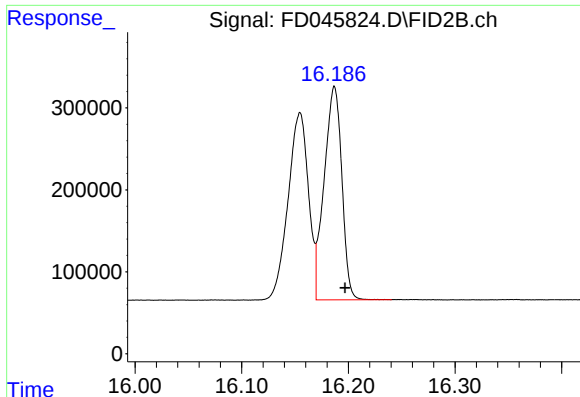
#15 Chrysene (C27.41)

R.T.: 14.655 min
Delta R.T.: -0.011 min
Response: 3258627
Conc: 19.75 ug/ml



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

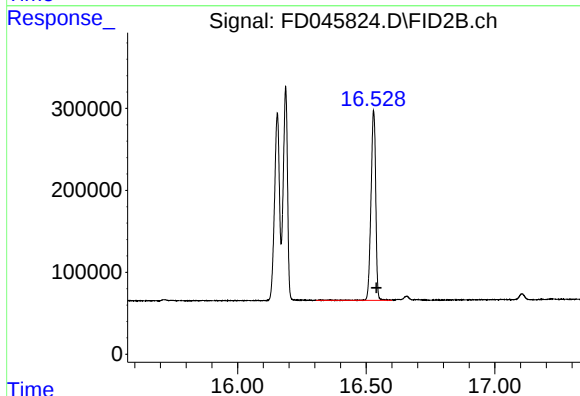
R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 3025091
Conc: 19.99 ug/ml



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

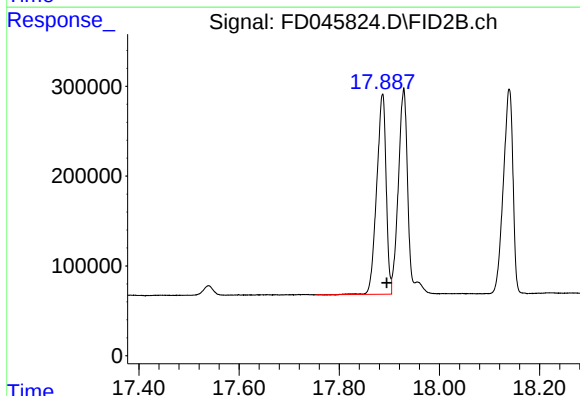
R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 3002657
Conc: 19.39 ug/ml

Instrument :
FID_D
ClientSampleId :



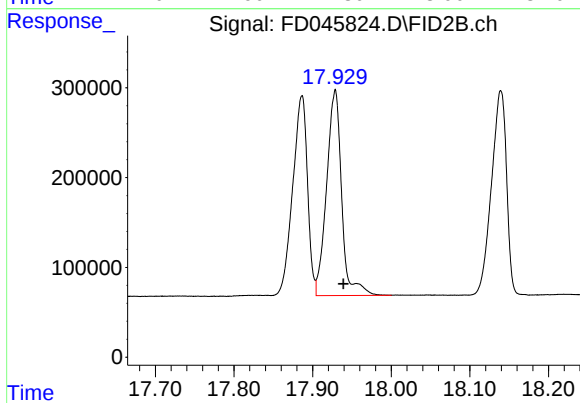
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.529 min
Delta R.T.: -0.010 min
Response: 2962475
Conc: 20.26 ug/ml



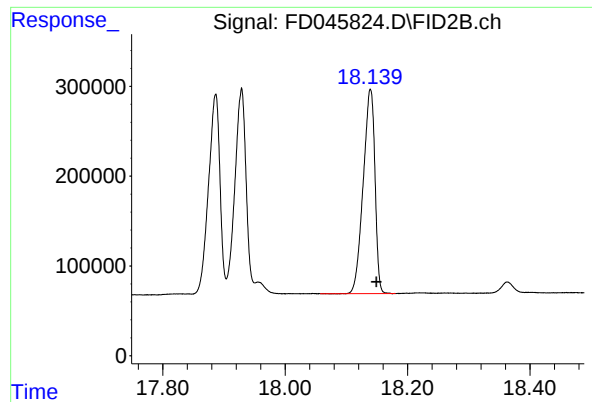
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.886 min
Delta R.T.: -0.009 min
Response: 2925169
Conc: 19.97 ug/ml



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

R.T.: 17.928 min
Delta R.T.: -0.011 min
Response: 3047814
Conc: 20.32 ug/ml



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

R.T.: 18.139 min
Delta R.T.: -0.010 min
Response: 3029920
Conc: 20.53 ug/ml

Instrument :

FID_D

ClientSampleId :