

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045862.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 05:25
 Operator : YP/AJ
 Sample : 03255-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 06:37:56 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...	7.527	7333590	40.677 ug/ml
Spiked Amount 50.000		Recovery =	81.35%
6) S 2-Fluorobiphenyl (SURR)	8.382	4780469	39.762 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.52%
11) S ortho-Terphenyl (SURR)	11.423	7796451	34.904 ug/ml
Spiked Amount 50.000		Recovery =	69.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296f	17985	0.089 ug/ml
2) T Naphthalene (C11.7)	5.863	121207	0.572 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	148079	0.701 ug/ml
5) T Acenaphthylene (C15.06)	8.183	161209	0.851 ug/ml
7) T Acenaphthene (C15.5)	8.477	70512	0.349 ug/ml
8) T Fluorene (C16.55)	9.256	88440	0.446 ug/ml
9) T Phenanthrene (C19.36)	10.646	650814	3.402 ug/ml
10) T Anthracene (C19.43)	10.720	209769	1.231 ug/ml
12) T Fluoranthene (C21.85)	12.451	1330084	7.199 ug/ml
13) T Pyrene (C20.8)	12.745	1157854	6.483 ug/ml
14) T Benzo[a]anthracene (C...	14.607	702500	4.487 ug/ml
15) T Chrysene (C27.41)	14.648	782444	4.743 ug/ml
16) T benzo[b]fluoranthene ...	16.152	937944	6.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	330188	2.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	673379	4.605 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	555790	3.795 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	173956	1.160 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	421605	2.857 ug/ml

(f)=RT Delta > 1/2 Window

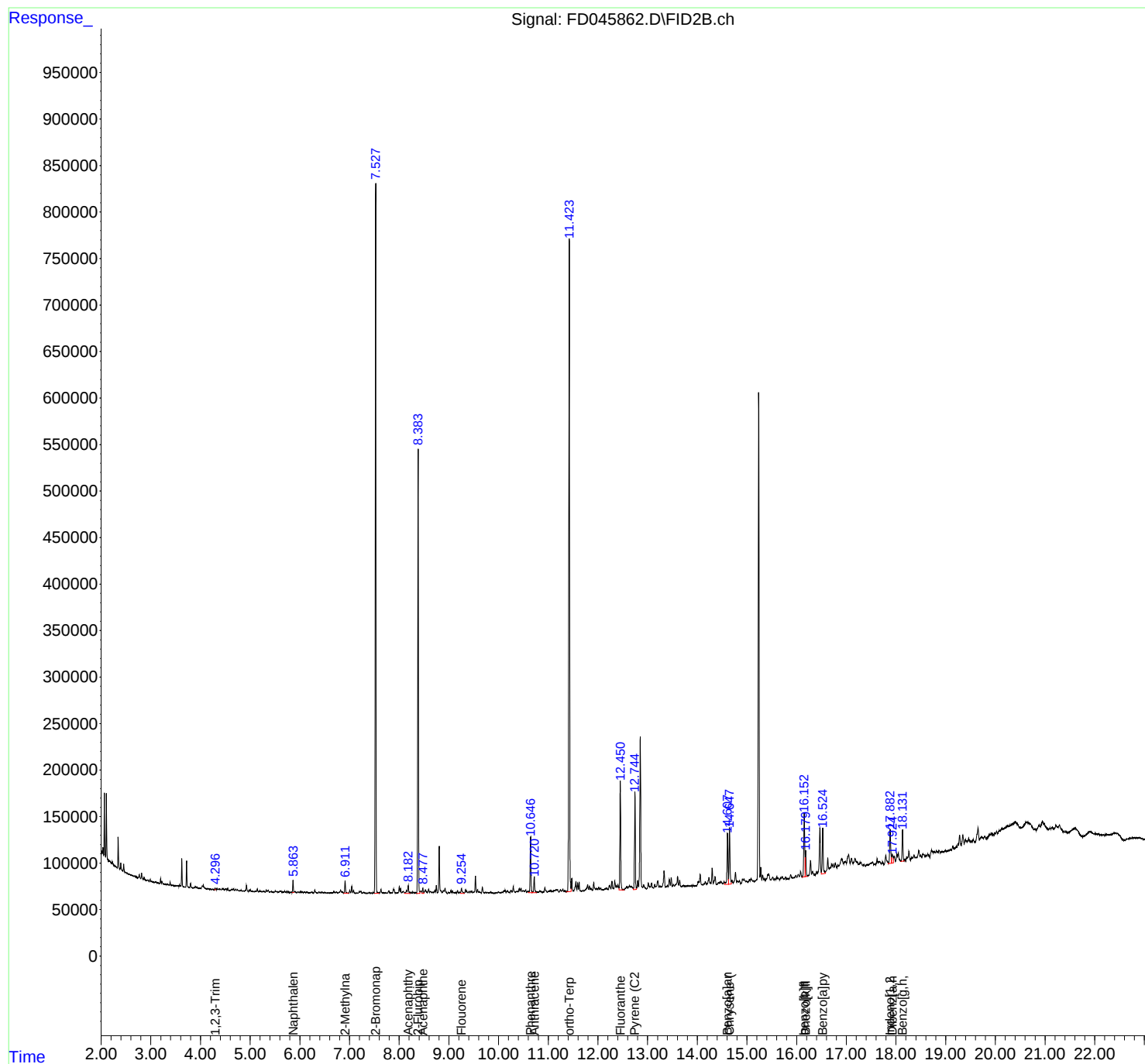
(m)=manual int.

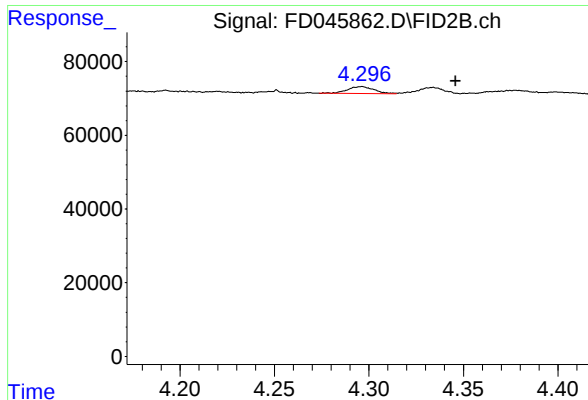
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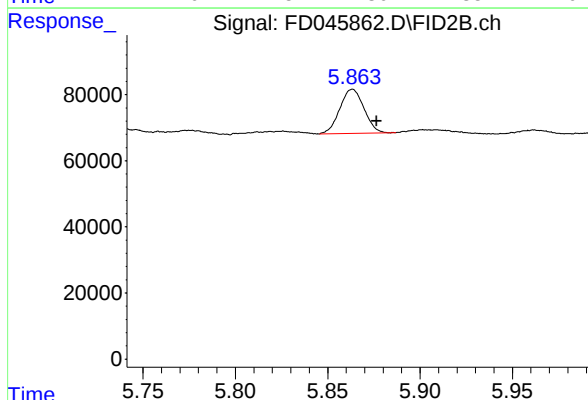




#1 1,2,3-Trimethylbenzene (C10.1)

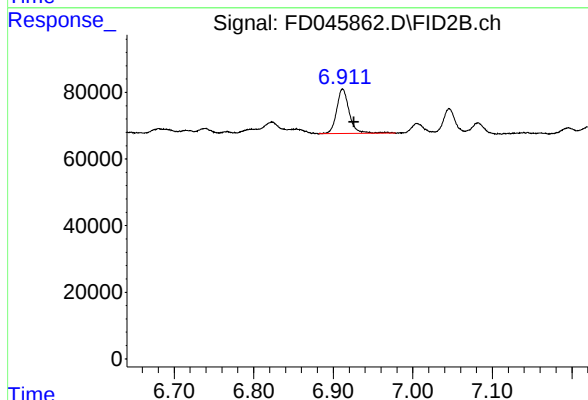
R.T.: 4.296 min
Delta R.T.: -0.050 min
Response: 17985
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



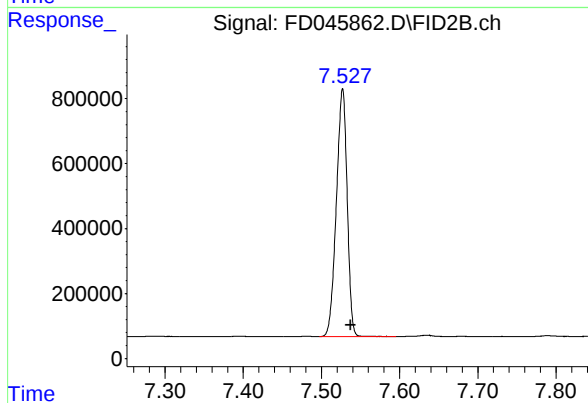
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 121207
Conc: 0.57 ug/ml



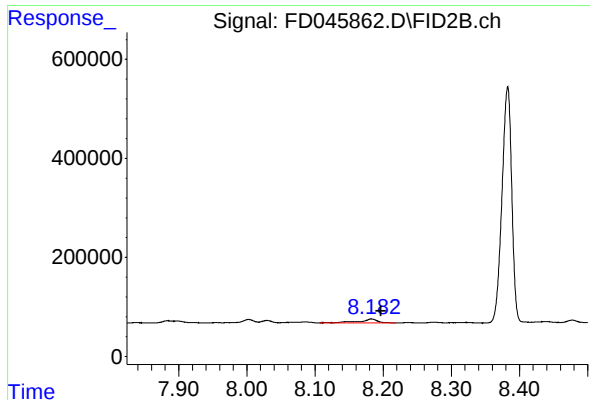
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 148079
Conc: 0.70 ug/ml



#4 2-Bromonaphthalene (SURR)

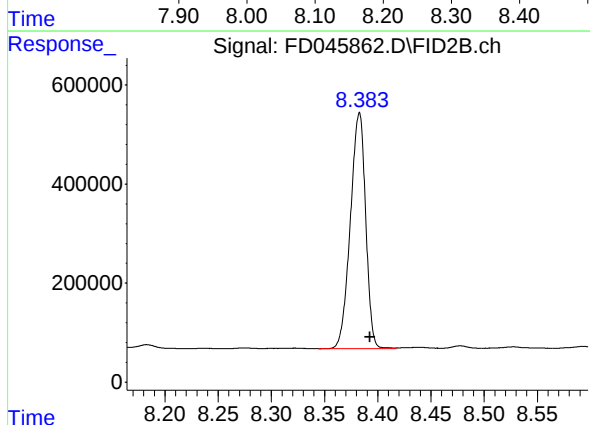
R.T.: 7.527 min
Delta R.T.: -0.010 min
Response: 7333590
Conc: 40.68 ug/ml



#5 Acenaphthylene (C15.06)

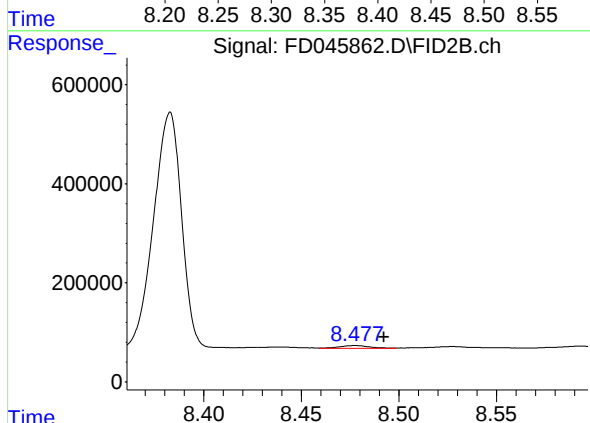
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 161209
Conc: 0.85 ug/ml

Instrument :
FID_D
ClientSampleId :



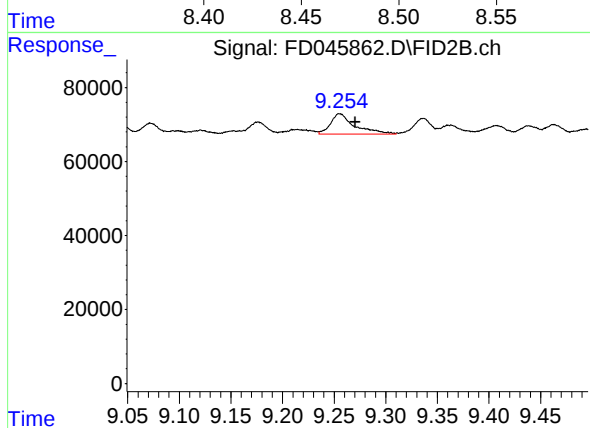
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.382 min
Delta R.T.: -0.010 min
Response: 4780469
Conc: 39.76 ug/ml



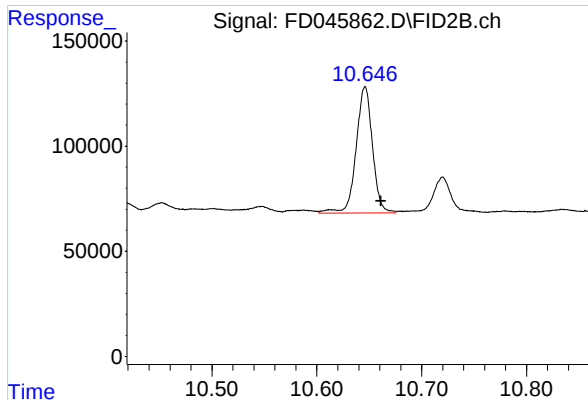
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: -0.015 min
Response: 70512
Conc: 0.35 ug/ml



#8 Fluorene (C16.55)

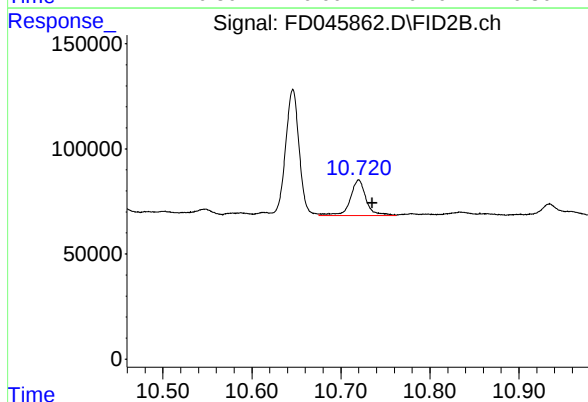
R.T.: 9.256 min
Delta R.T.: -0.015 min
Response: 88440
Conc: 0.45 ug/ml



#9 Phenanthrene (C19.36)

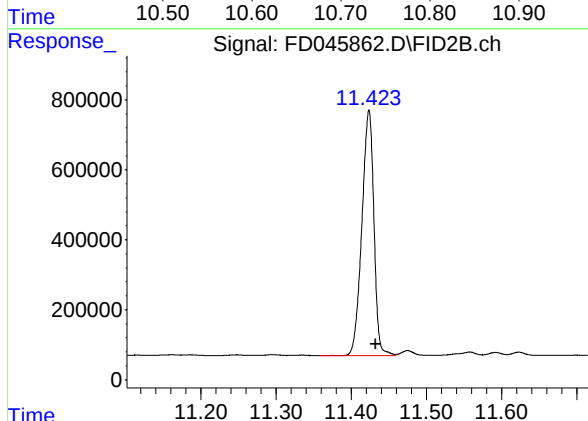
R.T.: 10.646 min
Delta R.T.: -0.015 min
Response: 650814
Conc: 3.40 ug/ml

Instrument :
FID_D
ClientSampleId :



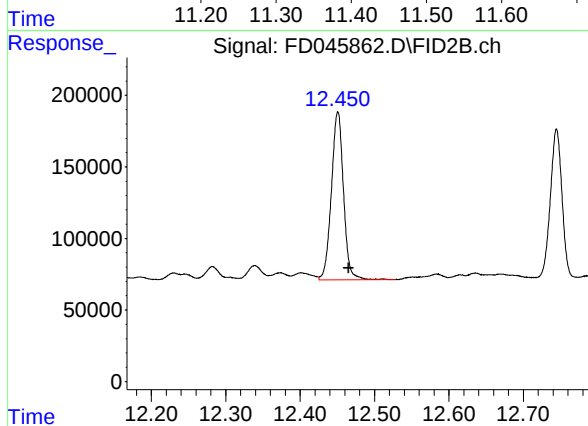
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.015 min
Response: 209769
Conc: 1.23 ug/ml



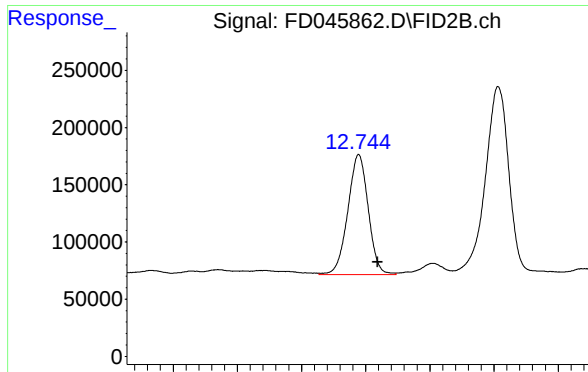
#11 ortho-Terphenyl (SURRE)

R.T.: 11.423 min
Delta R.T.: -0.009 min
Response: 7796451
Conc: 34.90 ug/ml



#12 Fluoranthene (C21.85)

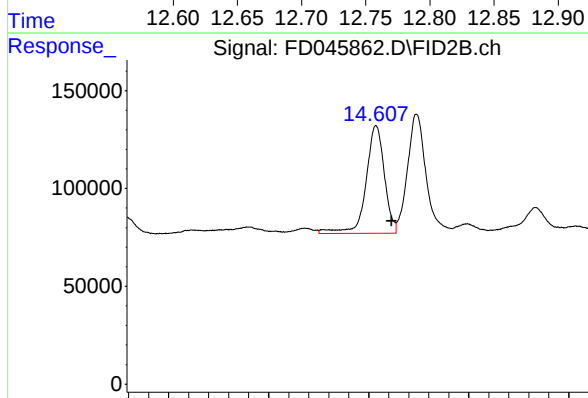
R.T.: 12.451 min
Delta R.T.: -0.014 min
Response: 1330084
Conc: 7.20 ug/ml



#13 Pyrene (C20.8)

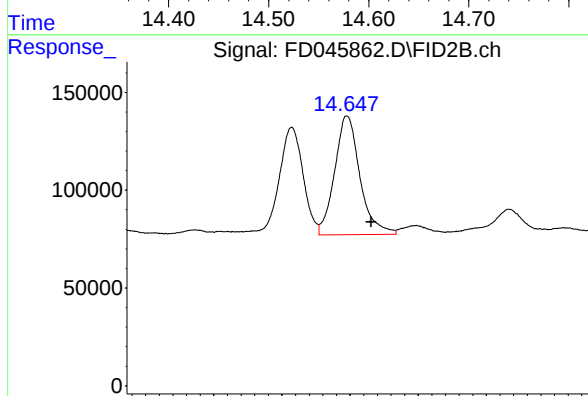
R.T.: 12.745 min
Delta R.T.: -0.015 min
Response: 1157854
Conc: 6.48 ug/ml

Instrument :
FID_D
ClientSampleId :



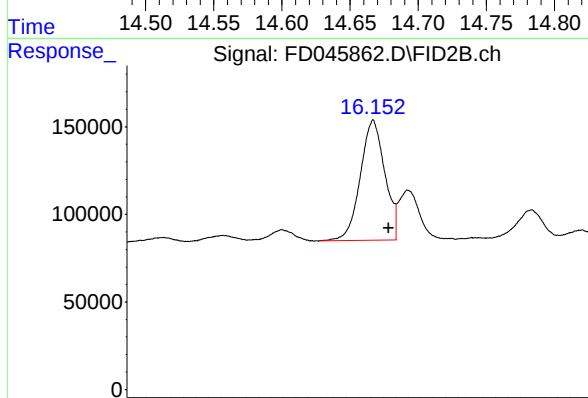
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: -0.016 min
Response: 702500
Conc: 4.49 ug/ml



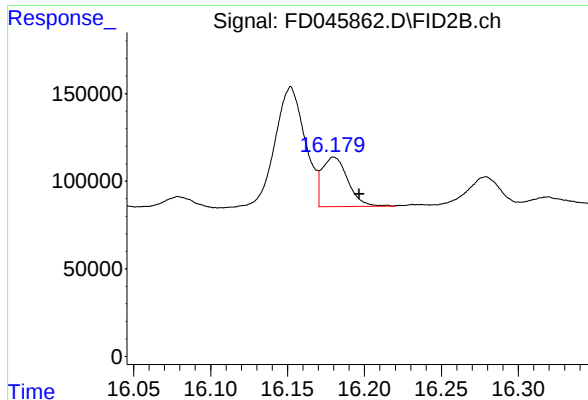
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.018 min
Response: 782444
Conc: 4.74 ug/ml



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

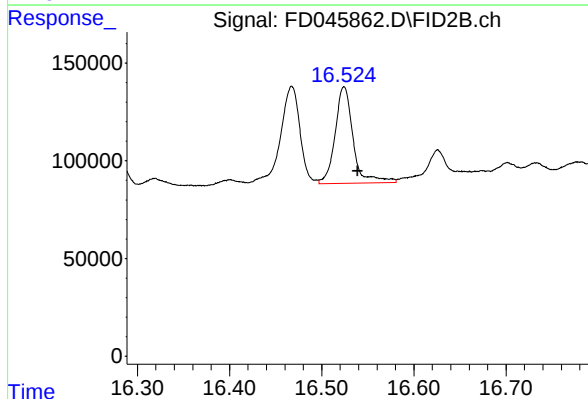
R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 937944
Conc: 6.20 ug/ml



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

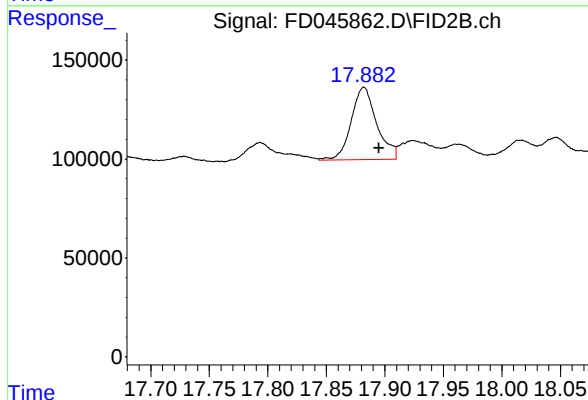
R.T.: 16.180 min
Delta R.T.: -0.017 min
Response: 330188
Conc: 2.13 ug/ml

Instrument :
FID_D
ClientSampleId :



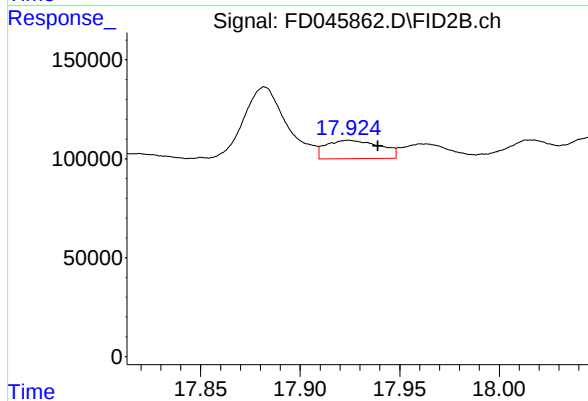
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: -0.015 min
Response: 673379
Conc: 4.60 ug/ml



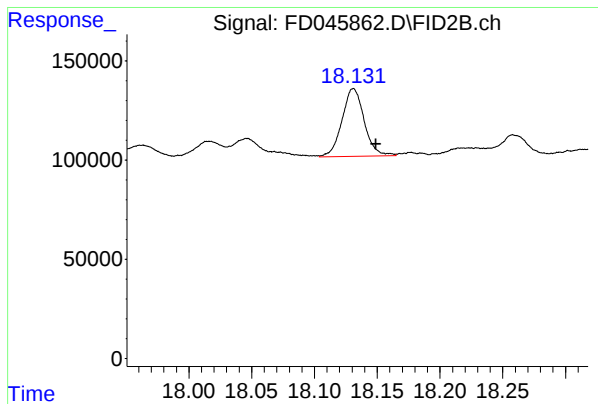
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 555790
Conc: 3.79 ug/ml



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

R.T.: 17.924 min
Delta R.T.: -0.015 min
Response: 173956
Conc: 1.16 ug/ml



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

R.T.: 18.131 min
Delta R.T.: -0.018 min
Response: 421605
Conc: 2.86 ug/ml

Instrument :

FID_D

ClientSampleId :