

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045914.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 20:47
 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 21 01:11:34 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...	7.521	3659610	20.299 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
6) S 2-Fluorobiphenyl (SURR)	8.376	2387002	19.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.71%
11) S ortho-Terphenyl (SURR)	11.414	4361444	19.526 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.332	4206265	20.836 ug/ml
2) T Naphthalene (C11.7)	5.861	4315423	20.366 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	4279718	20.263 ug/ml
5) T Acenaphthylene (C15.06)	8.180	3789838	20.003 ug/ml
7) T Acenaphthene (C15.5)	8.476	4052040	20.042 ug/ml
8) T Fluorene (C16.55)	9.253	3897716	19.672 ug/ml
9) T Phenanthrene (C19.36)	10.643	3657921	19.120 ug/ml
10) T Anthracene (C19.43)	10.717	3140908	18.438 ug/ml
12) T Fluoranthene (C21.85)	12.447	3464328	18.752 ug/ml
13) T Pyrene (C20.8)	12.741	3348008	18.746 ug/ml
14) T Benzo[a]anthracene (C...	14.605	3014549	19.254 ug/ml
15) T Chrysene (C27.41)	14.647	3168820	19.207 ug/ml
16) T benzo[b]fluoranthene ...	16.180	3070810	20.290 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	3070810	19.835 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	3023631	20.676 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	3041950	20.769 ug/ml
20) T Dibenz[a,h]anthracene...	17.921	3217302	21.446 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	3111832	21.089 ug/ml

(f)=RT Delta > 1/2 Window

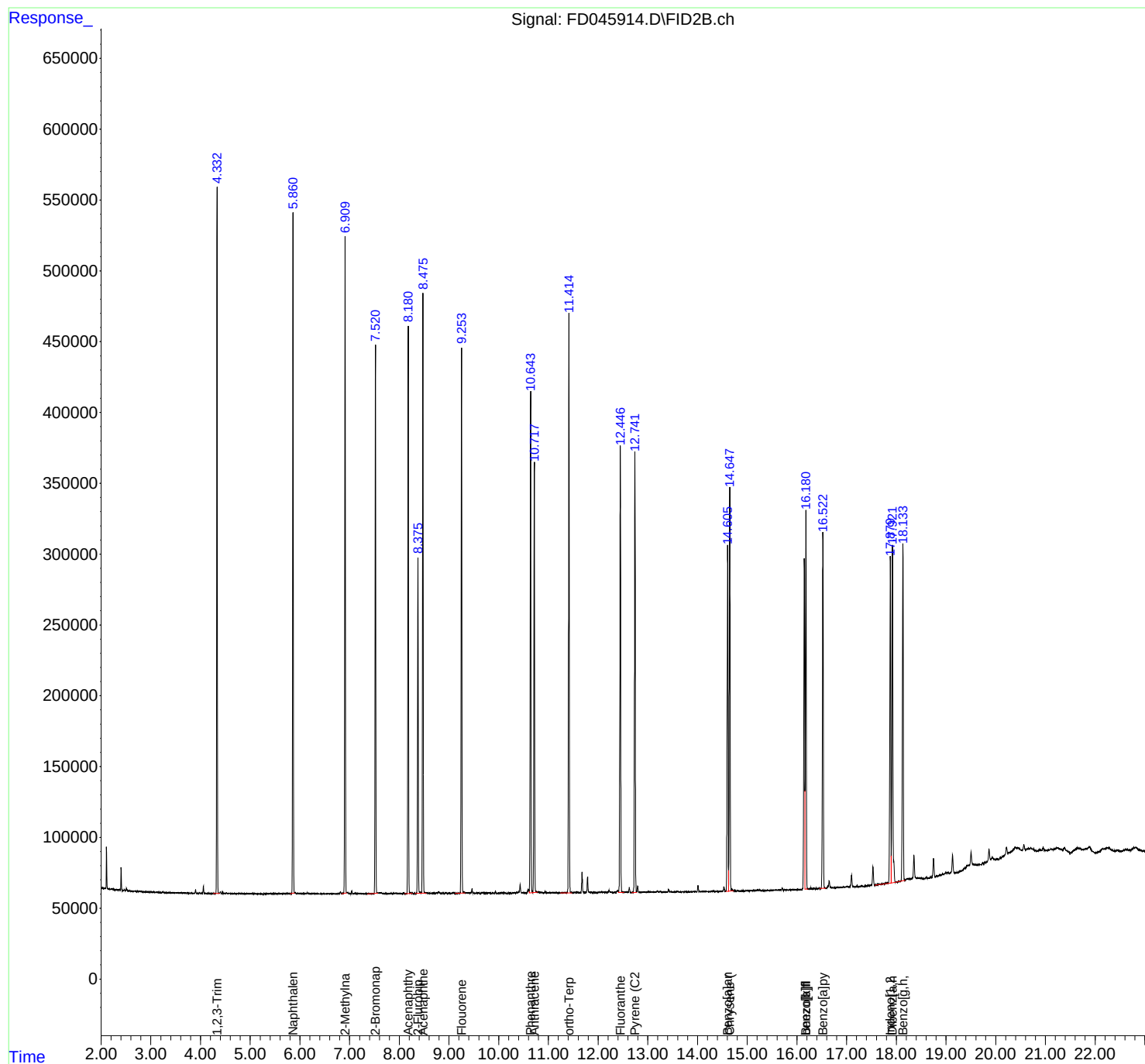
(m)=manual int.

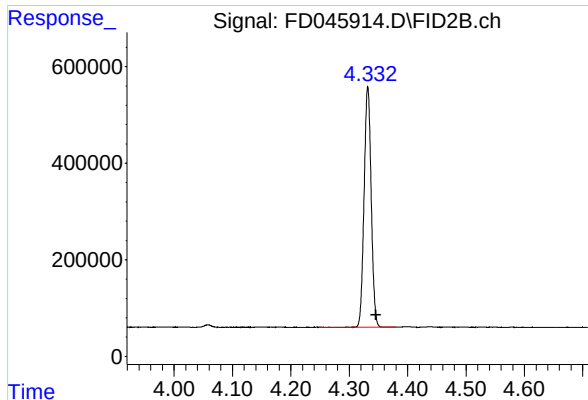
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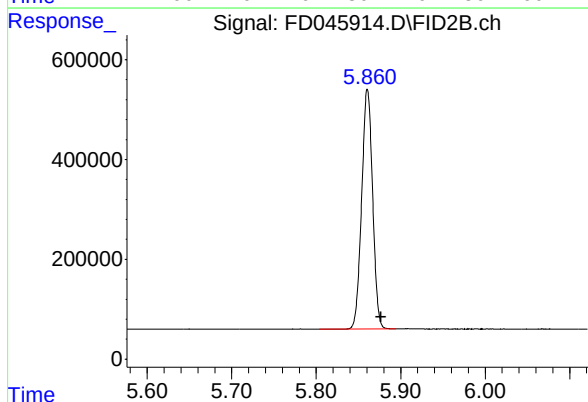




#1 1,2,3-Trimethylbenzene (C10.1)

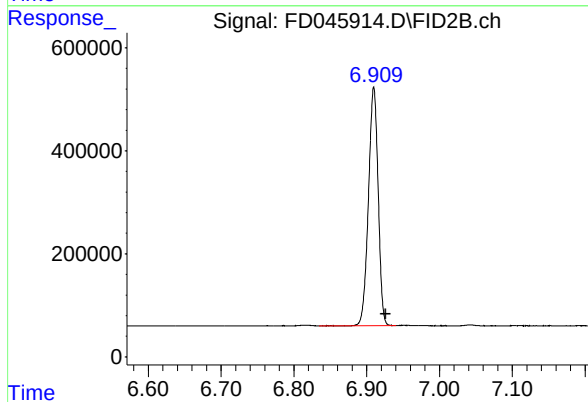
R.T.: 4.332 min
Delta R.T.: -0.014 min
Response: 4206265
Conc: 20.84 ug/ml

Instrument :
FID_D
ClientSampleId :



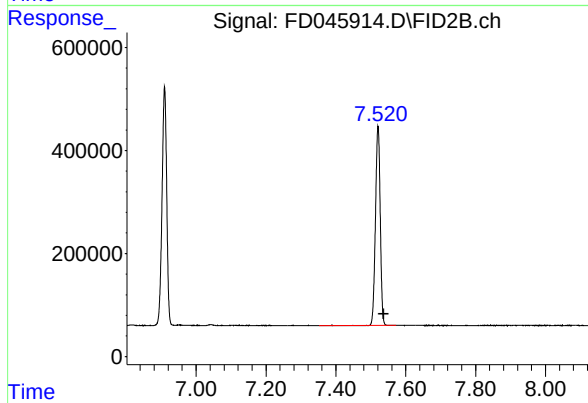
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.016 min
Response: 4315423
Conc: 20.37 ug/ml



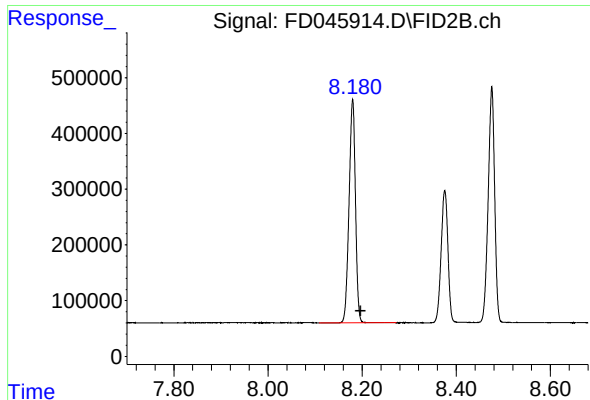
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 4279718
Conc: 20.26 ug/ml



#4 2-Bromonaphthalene (SURR)

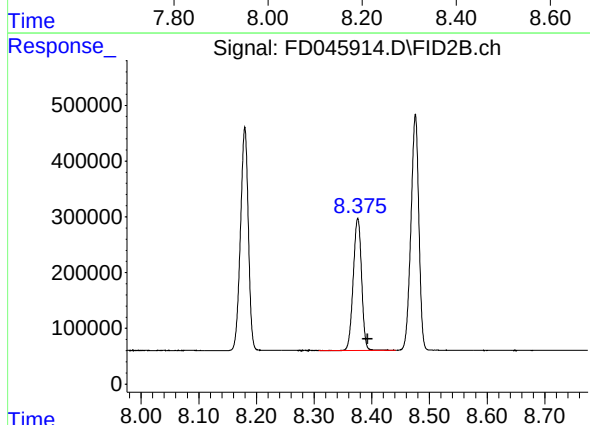
R.T.: 7.521 min
Delta R.T.: -0.017 min
Response: 3659610
Conc: 20.30 ug/ml



#5 Acenaphthylene (C15.06)

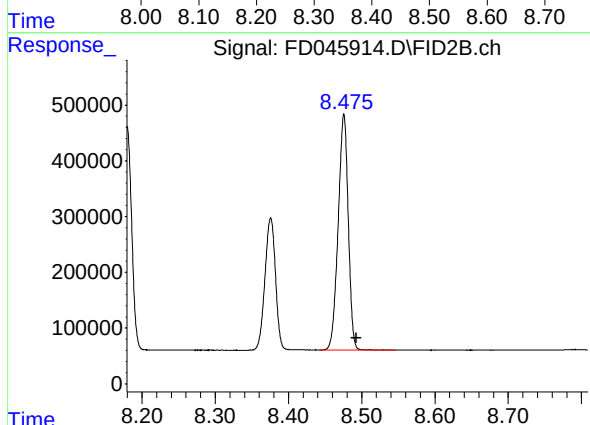
R.T.: 8.180 min
Delta R.T.: -0.017 min
Response: 3789838
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



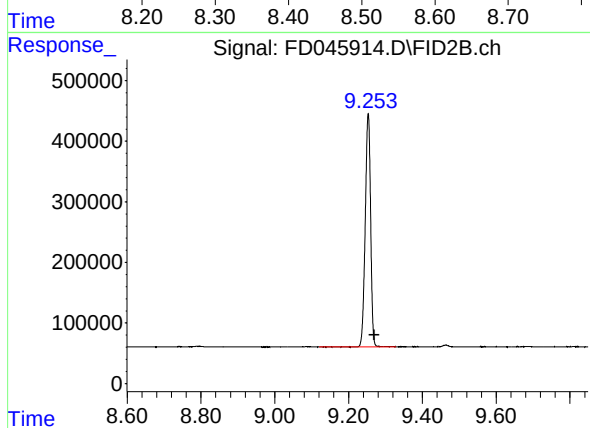
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: -0.017 min
Response: 2387002
Conc: 19.85 ug/ml



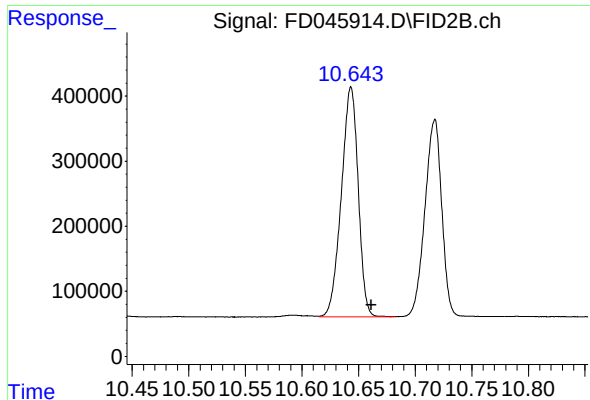
#7 Acenaphthene (C15.5)

R.T.: 8.476 min
Delta R.T.: -0.017 min
Response: 4052040
Conc: 20.04 ug/ml



#8 Fluorene (C16.55)

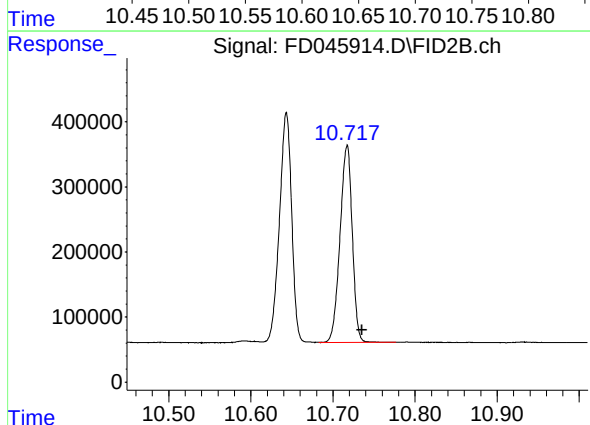
R.T.: 9.253 min
Delta R.T.: -0.017 min
Response: 3897716
Conc: 19.67 ug/ml



#9 Phenanthrene (C19.36)

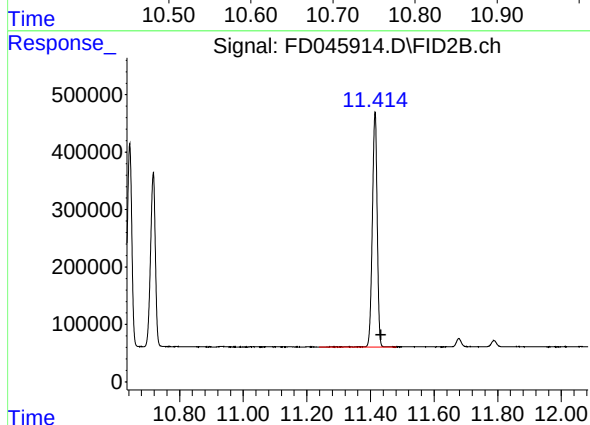
R.T.: 10.643 min
Delta R.T.: -0.018 min
Response: 3657921
Conc: 19.12 ug/ml

Instrument :
FID_D
ClientSampleId :



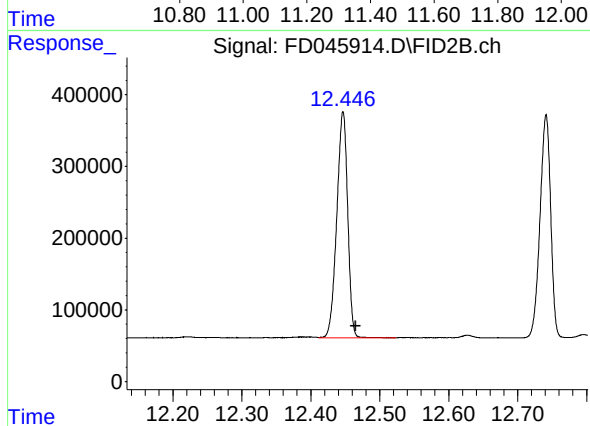
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: -0.018 min
Response: 3140908
Conc: 18.44 ug/ml



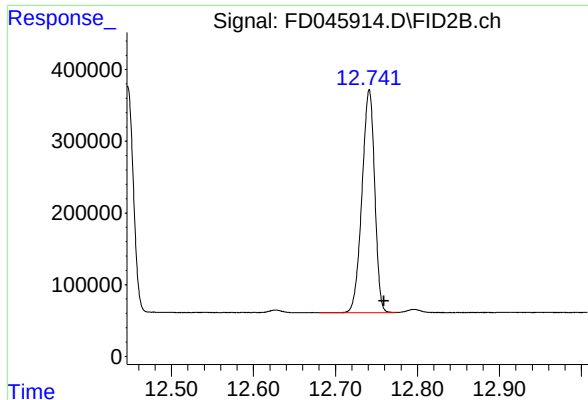
#11 ortho-Terphenyl (SURRE)

R.T.: 11.414 min
Delta R.T.: -0.018 min
Response: 4361444
Conc: 19.53 ug/ml



#12 Fluoranthene (C21.85)

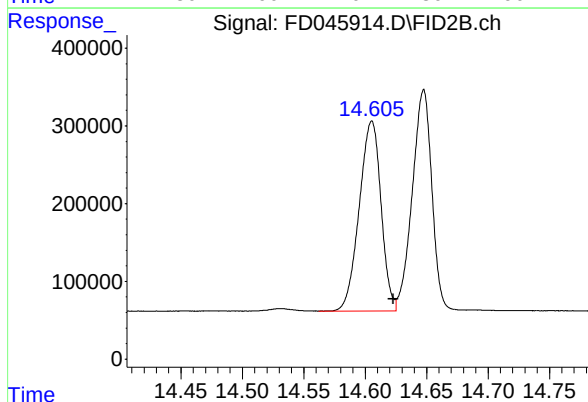
R.T.: 12.447 min
Delta R.T.: -0.018 min
Response: 3464328
Conc: 18.75 ug/ml



#13 Pyrene (C20.8)

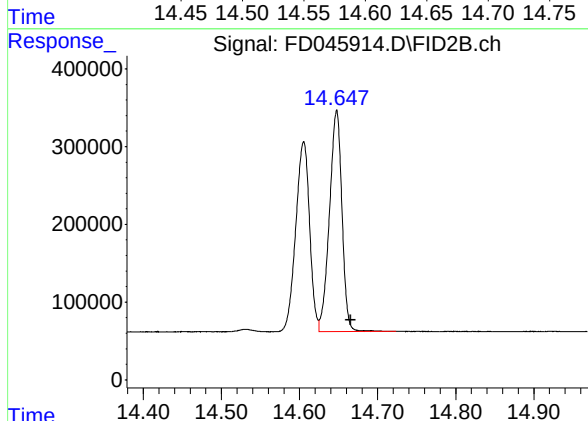
R.T.: 12.741 min
Delta R.T.: -0.018 min
Response: 3348008
Conc: 18.75 ug/ml

Instrument :
FID_D
ClientSampleId :



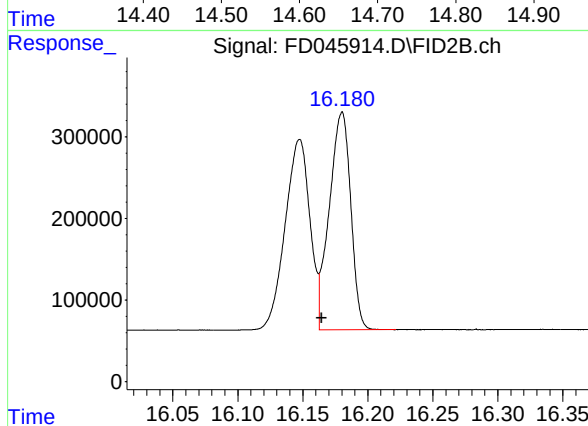
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min
Delta R.T.: -0.018 min
Response: 3014549
Conc: 19.25 ug/ml



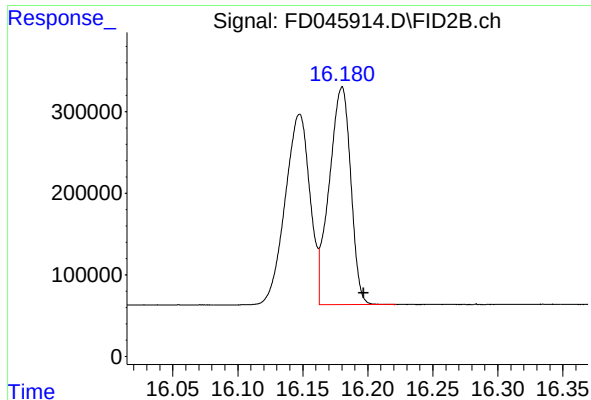
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: -0.018 min
Response: 3168820
Conc: 19.21 ug/ml



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

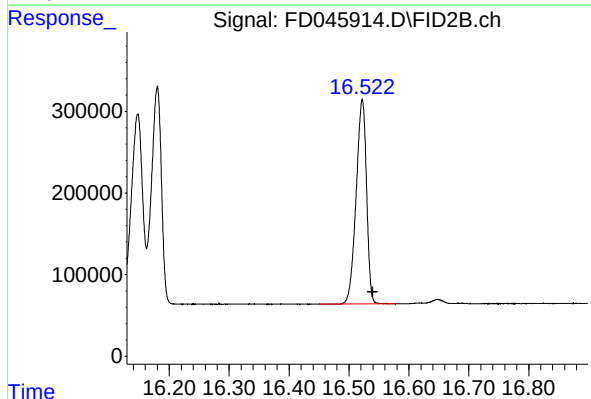
R.T.: 16.180 min
Delta R.T.: 0.015 min
Response: 3070810
Conc: 20.29 ug/ml



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

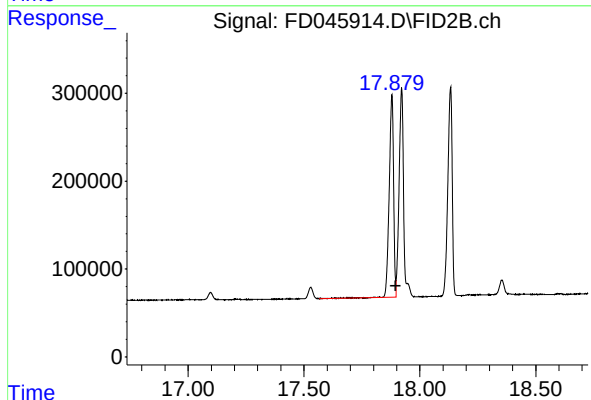
R.T.: 16.180 min
Delta R.T.: -0.017 min
Response: 3070810
Conc: 19.83 ug/ml

Instrument :
FID_D
ClientSampleId :



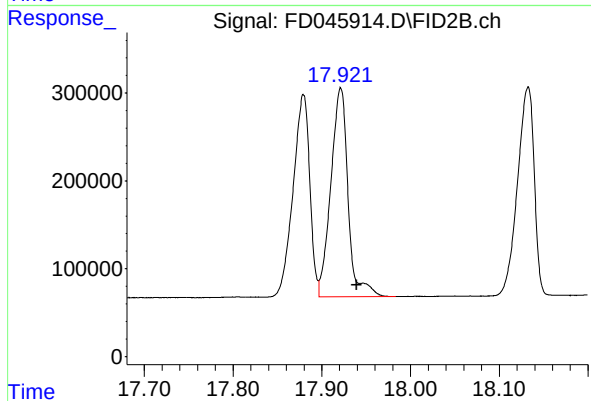
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: -0.017 min
Response: 3023631
Conc: 20.68 ug/ml



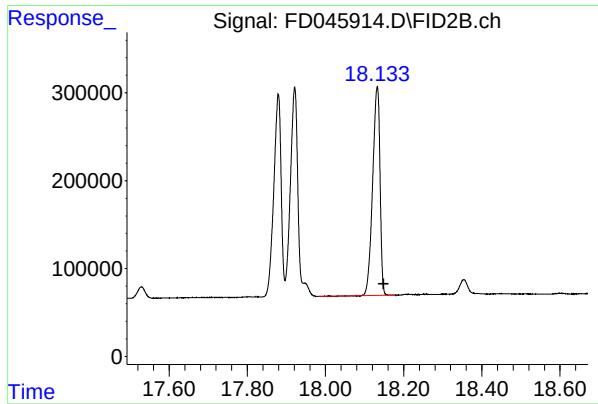
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: -0.016 min
Response: 3041950
Conc: 20.77 ug/ml



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

R.T.: 17.921 min
Delta R.T.: -0.018 min
Response: 3217302
Conc: 21.45 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.017 min
Response: 3111832
Conc: 21.09 ug/ml

Instrument :
FID_D
ClientSampleId :