

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043167.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 19:53
 Operator : YP/AJ
 Sample : N3564-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 06 05:29:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.635	10222887	66.207 ug/ml
Spiked Amount 50.000		Recovery =	132.41%
6) S 2-Fluorobiphenyl (SURR)	8.502	7244098	68.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	137.36%#
11) S ortho-Terphenyl (SURR)	11.550	8475520	46.633 ug/ml
Spiked Amount 50.000		Recovery =	93.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	108911	0.648 ug/ml
2) T Naphthalene (C11.7)	5.970	953723	5.448 ug/ml
3) T 2-Methylnaphthalene (...)	7.015	3564402	22.161 ug/ml
5) T Acenaphthylene (C15.06)	8.293	4136435	23.271 ug/ml
7) T Acenaphthene (C15.5)	8.613	3069495	17.529 ug/ml
8) T Flouorene (C16.55)	9.383	1835419	10.589 ug/ml
9) T Phenanthrene (C19.36)	10.782	3466894	20.214 ug/ml
10) T Anthracene (C19.43)	10.861	2449542	14.418 ug/ml
12) T Fluoranthene (C21.85)	12.602	796642	4.750 ug/ml
13) T Pyrene (C20.8)	12.899	367964	2.258 ug/ml
14) T Benzo[a]anthracene (C...	14.771	2496561	16.076 ug/ml
15) T Chrysene (C27.41)	14.813	2476527	15.691 ug/ml
16) T benzo[b]fluoranthene ...	16.333	4733446	31.052 ug/ml
17) T Bnezo[k]fluoranthene ...	16.333	4733446	32.341 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	3992178	27.911 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	597063	4.771 ug/ml
20) T Dibenz[a,h]anthracene...	18.138	250279	1.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.307	621184	4.763 ug/ml

(f)=RT Delta > 1/2 Window

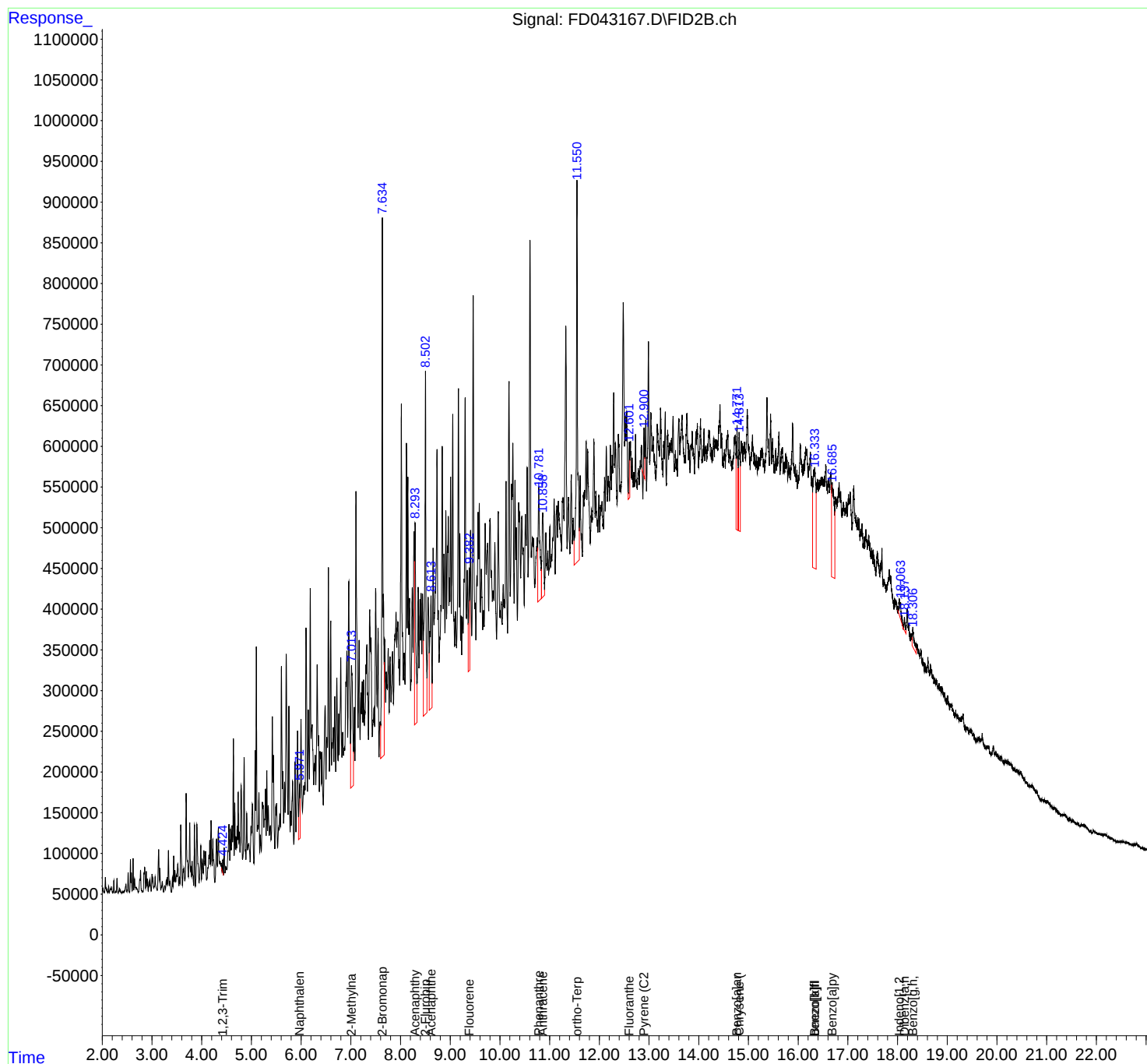
(m)=manual int.

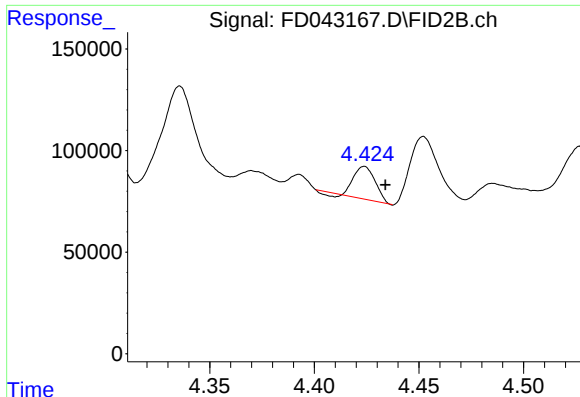
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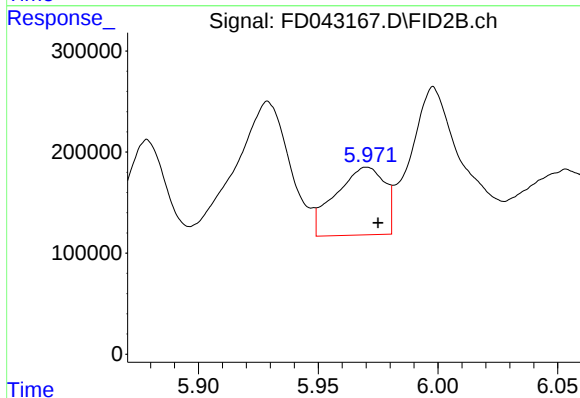




#1 1,2,3-Trimethylbenzene (C10.1)

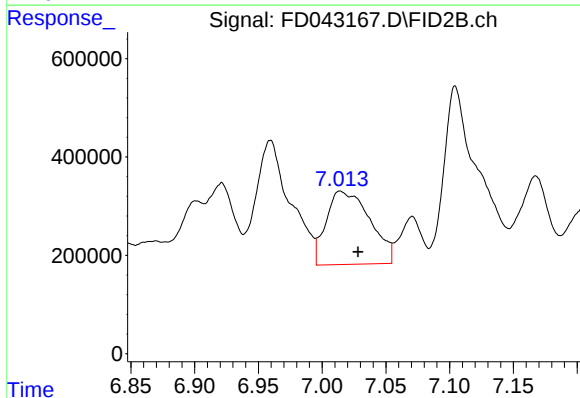
R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 108911
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



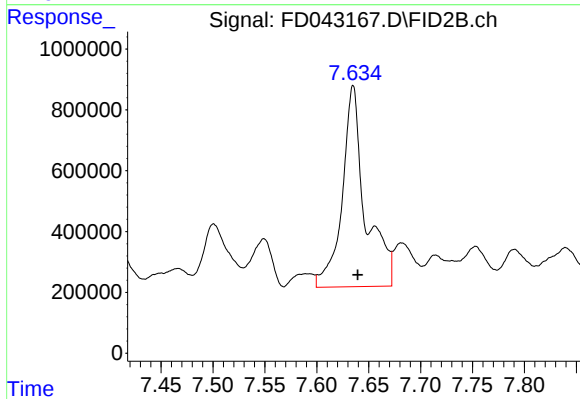
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 953723
Conc: 5.45 ug/ml



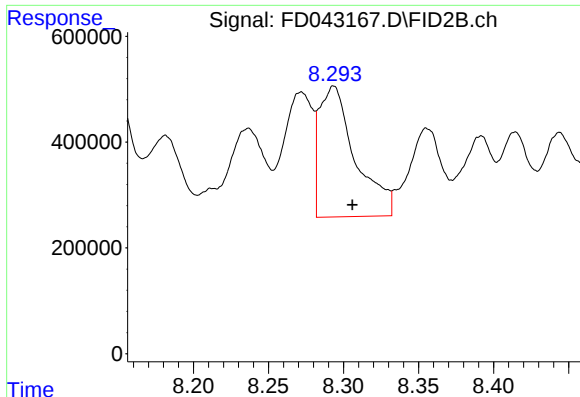
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: -0.013 min
Response: 3564402
Conc: 22.16 ug/ml



#4 2-Bromonaphthalene (SURR)

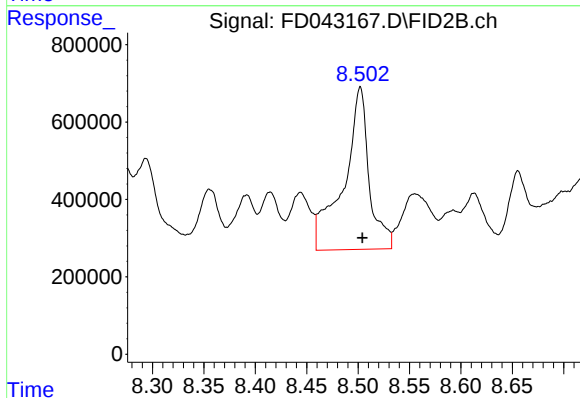
R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 10222887
Conc: 66.21 ug/ml



#5 Acenaphthylene (C15.06)

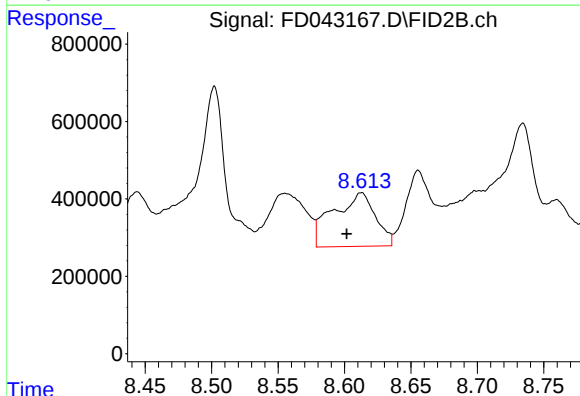
R.T.: 8.293 min
Delta R.T.: -0.013 min
Response: 4136435
Conc: 23.27 ug/ml

Instrument :
FID_D
ClientSampleId :



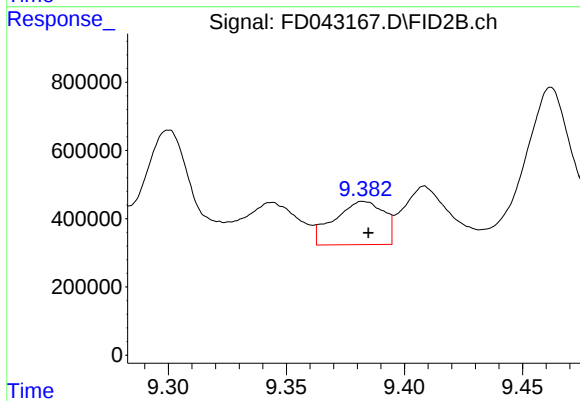
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 7244098
Conc: 68.68 ug/ml



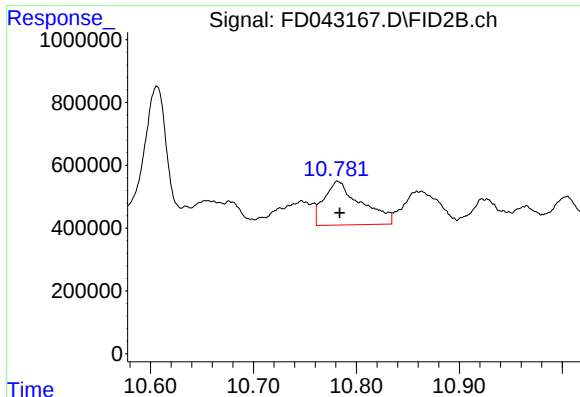
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: 0.011 min
Response: 3069495
Conc: 17.53 ug/ml



#8 Fluorene (C16.55)

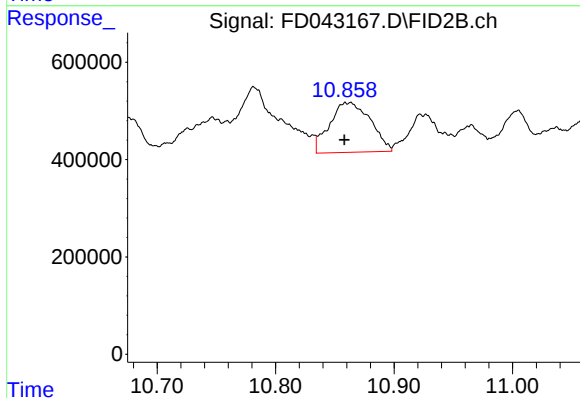
R.T.: 9.383 min
Delta R.T.: -0.002 min
Response: 1835419
Conc: 10.59 ug/ml



#9 Phenanthrene (C19.36)

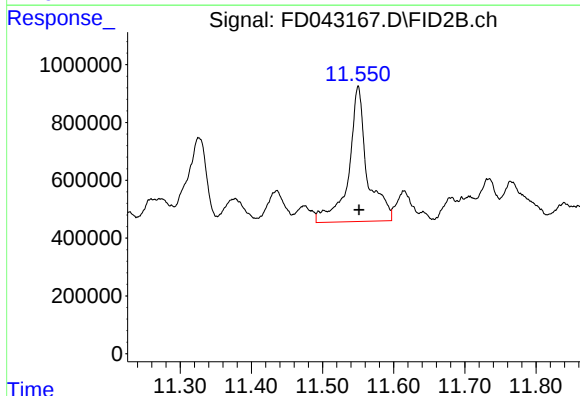
R.T.: 10.782 min
Delta R.T.: -0.002 min
Response: 3466894
Conc: 20.21 ug/ml

Instrument :
FID_D
ClientSampleId :



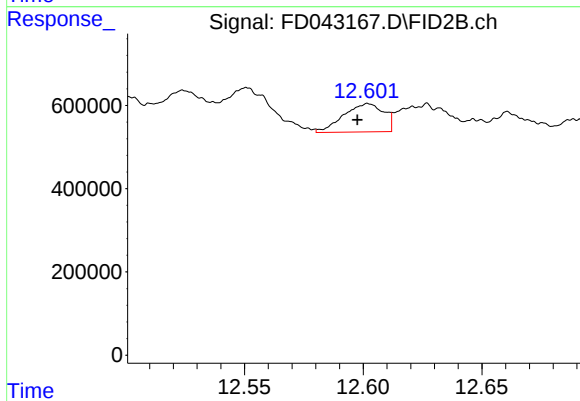
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.003 min
Response: 2449542
Conc: 14.42 ug/ml



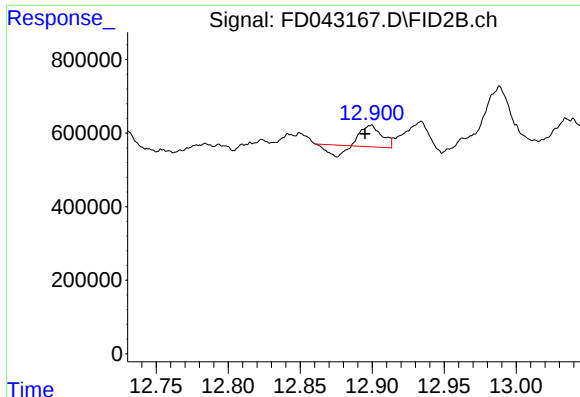
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.001 min
Response: 8475520
Conc: 46.63 ug/ml



#12 Fluoranthene (C21.85)

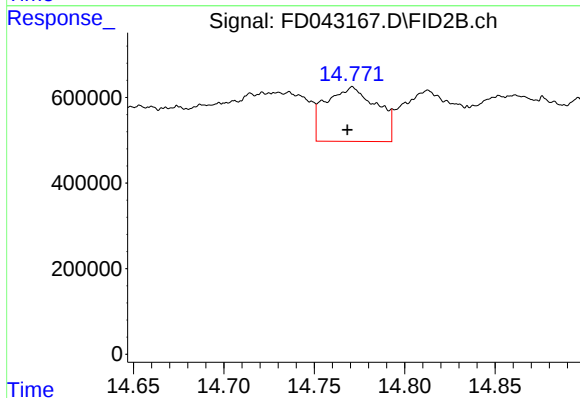
R.T.: 12.602 min
Delta R.T.: 0.004 min
Response: 796642
Conc: 4.75 ug/ml



#13 Pyrene (C20.8)

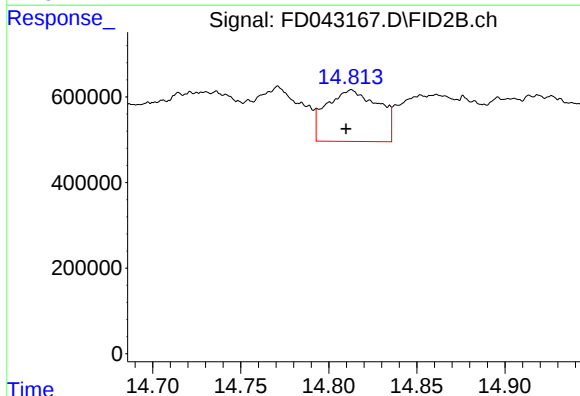
R.T.: 12.899 min
Delta R.T.: 0.004 min
Response: 367964
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :



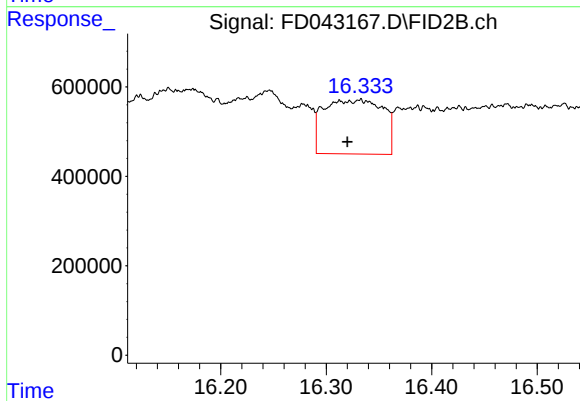
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.771 min
Delta R.T.: 0.002 min
Response: 2496561
Conc: 16.08 ug/ml



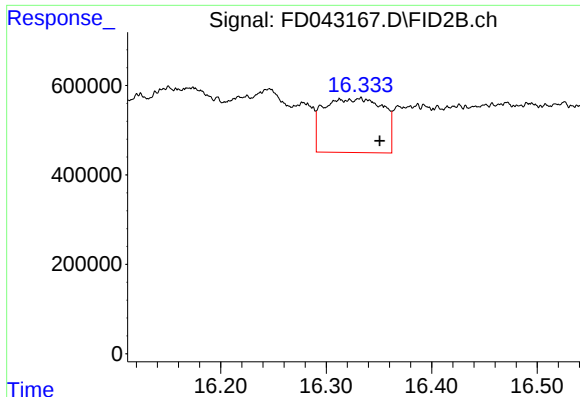
#15 Chrysene (C27.41)

R.T.: 14.813 min
Delta R.T.: 0.003 min
Response: 2476527
Conc: 15.69 ug/ml



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

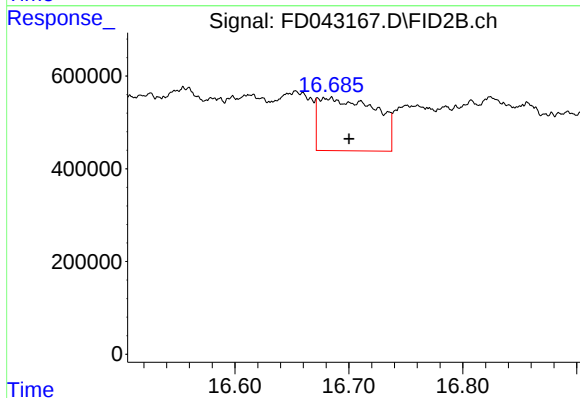
R.T.: 16.333 min
Delta R.T.: 0.013 min
Response: 4733446
Conc: 31.05 ug/ml



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

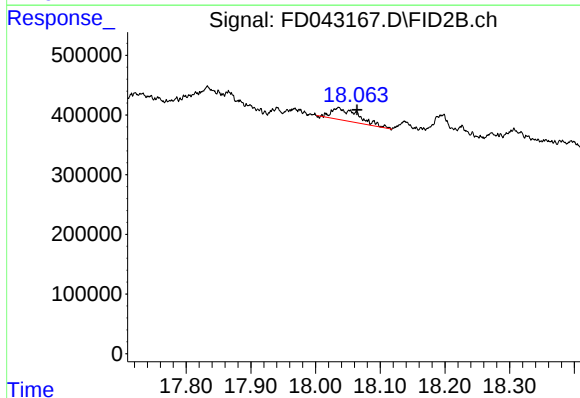
R.T.: 16.333 min
Delta R.T.: -0.018 min
Response: 4733446
Conc: 32.34 ug/ml

Instrument :
FID_D
ClientSampleId :



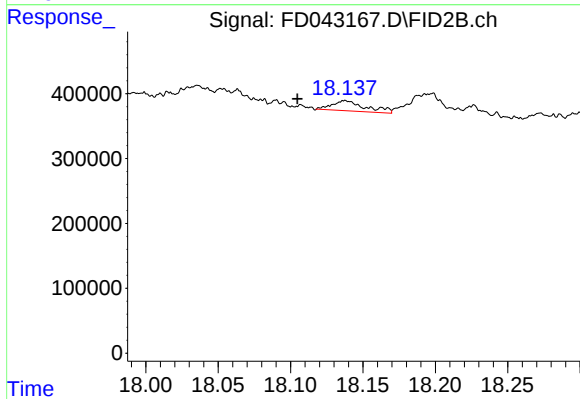
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.019 min
Response: 3992178
Conc: 27.91 ug/ml



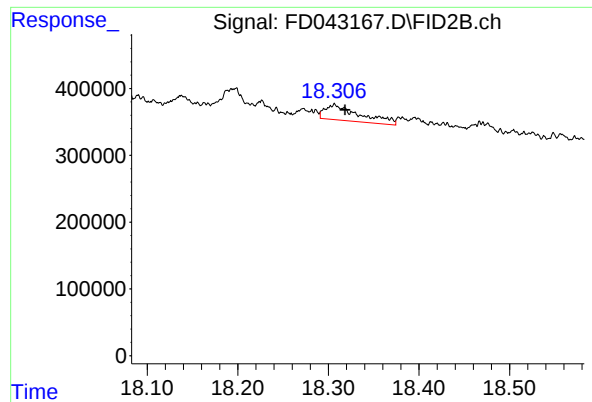
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: -0.029 min
Response: 597063
Conc: 4.77 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.033 min
Response: 250279
Conc: 1.86 ug/ml



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

R.T.: 18.307 min
Delta R.T.: -0.011 min
Response: 621184
Conc: 4.76 ug/ml

Instrument :

FID_D

ClientSampleId :