

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045418.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 20:25
 Operator : YP/AJ
 Sample : 02213-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 07:14:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.552	6024455	43.971 ug/ml
Spiked Amount 50.000		Recovery =	87.94%
6) S 2-Fluorobiphenyl (SURR)	8.408	3782488	42.193 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	84.39%
11) S ortho-Terphenyl (SURR)	11.449	6424964	36.928 ug/ml
Spiked Amount 50.000		Recovery =	73.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	312191	2.004 ug/ml
2) T Naphthalene (C11.7)	5.890	354106	2.203 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	356528	2.227 ug/ml
5) T Acenaphthylene (C15.06)	8.209	330423	2.257 ug/ml
7) T Acenaphthene (C15.5)	8.504	344443	2.221 ug/ml
8) T Fluorene (C16.55)	9.282	343588	2.317 ug/ml
9) T Phenanthrene (C19.36)	10.672	324783	2.242 ug/ml
10) T Anthracene (C19.43)	10.746	319336	2.310 ug/ml
12) T Fluoranthene (C21.85)	12.476	327316	2.275 ug/ml
13) T Pyrene (C20.8)	12.771	317458	2.258 ug/ml
14) T Benzo[a]anthracene (C...	14.634	321312	2.505 ug/ml
15) T Chrysene (C27.41)	14.675	333238	2.513 ug/ml
16) T benzo[b]fluoranthene ...	16.173	310053	2.387 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	323960	2.558 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	286470	2.278 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	475195	4.015 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	648517	5.444 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	435772	3.489 ug/ml

(f)=RT Delta > 1/2 Window

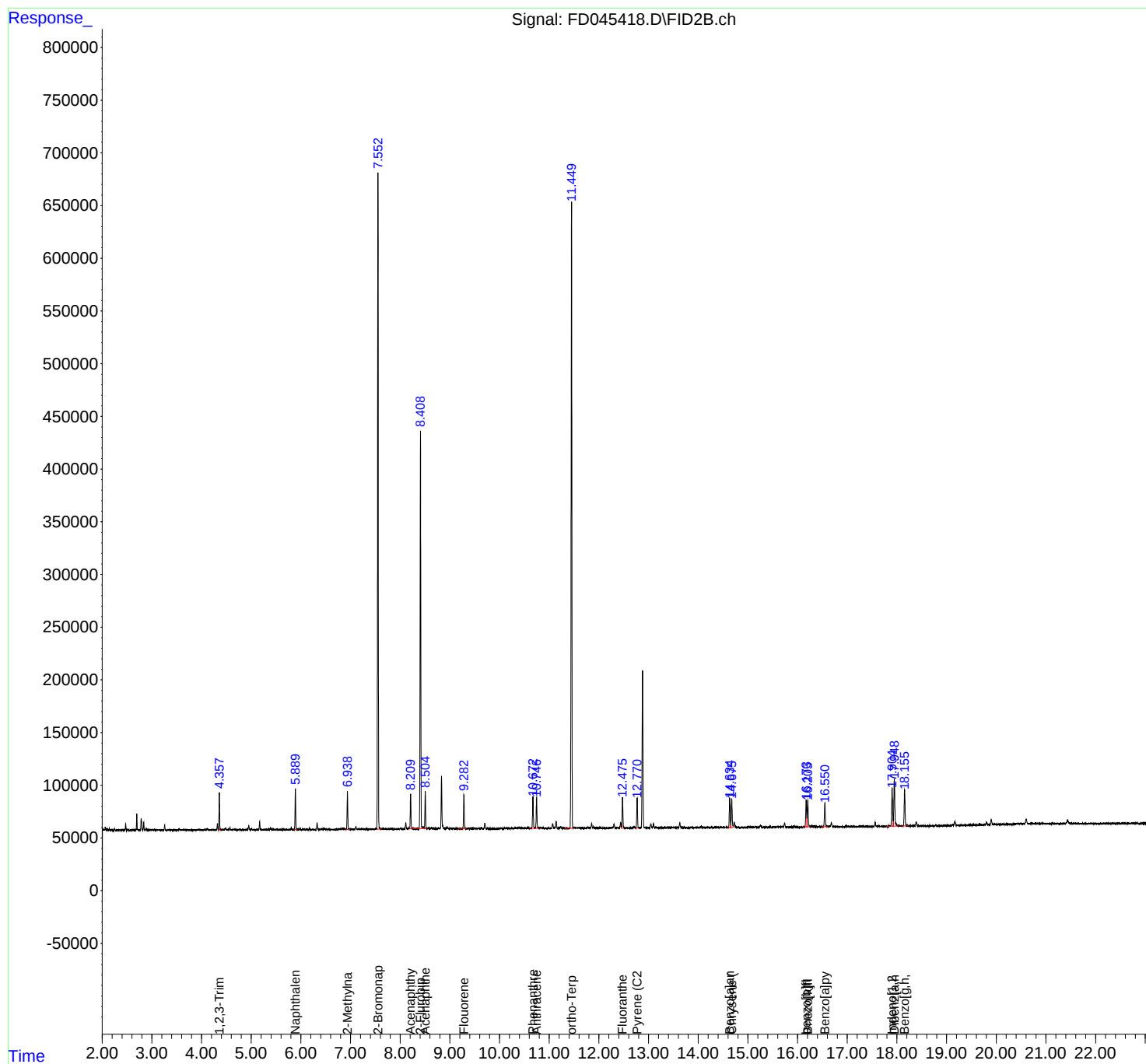
(m)=manual int.

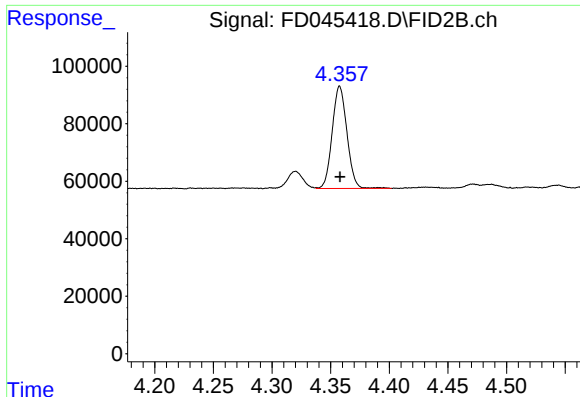
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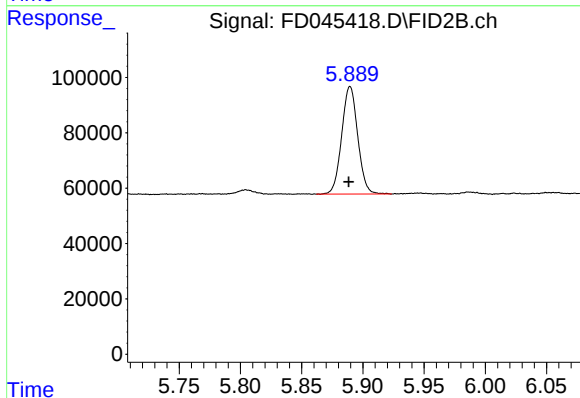




#1 1,2,3-Trimethylbenzene (C10.1)

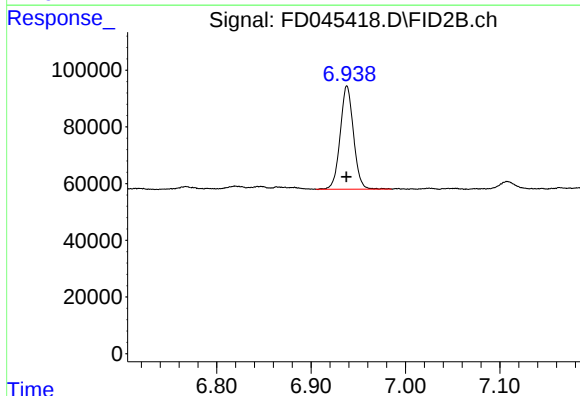
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 312191
Conc: 2.00 ug/ml

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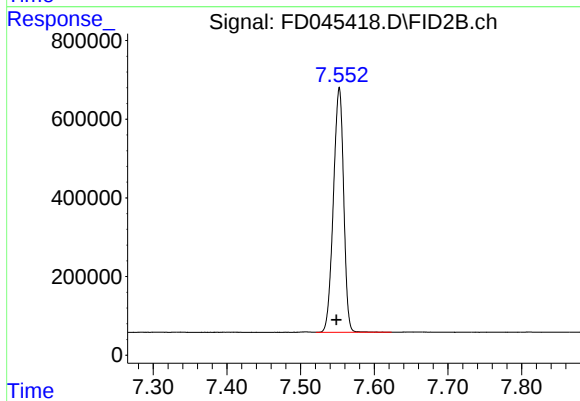
#2 Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: 0.001 min
Response: 354106
Conc: 2.20 ug/ml



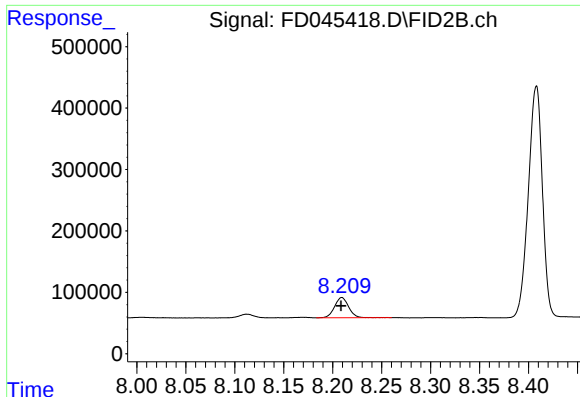
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 356528
Conc: 2.23 ug/ml



#4 2-Bromonaphthalene (SURR)

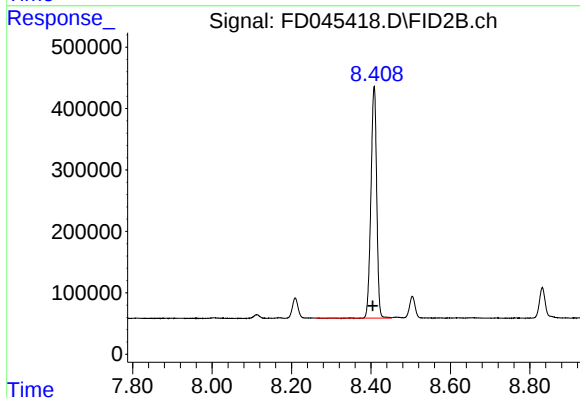
R.T.: 7.552 min
Delta R.T.: 0.003 min
Response: 6024455
Conc: 43.97 ug/ml



#5 Acenaphthylene (C15.06)

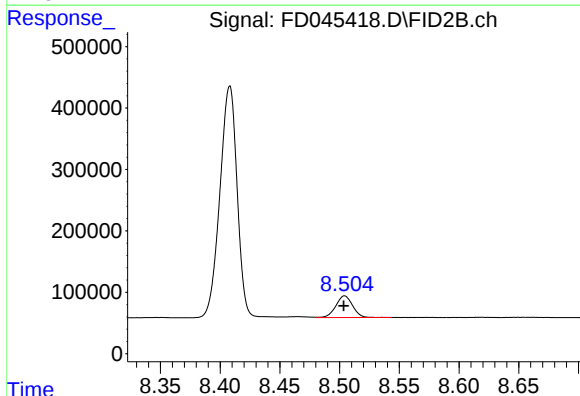
R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 330423
Conc: 2.26 ug/ml

Instrument :
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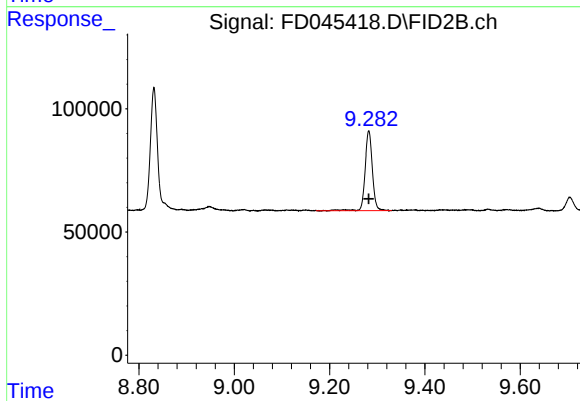
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.004 min
Response: 3782488
Conc: 42.19 ug/ml



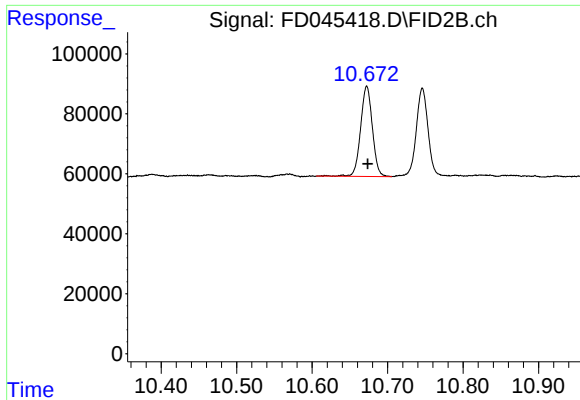
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 344443
Conc: 2.22 ug/ml



#8 Flouorene (C16.55)

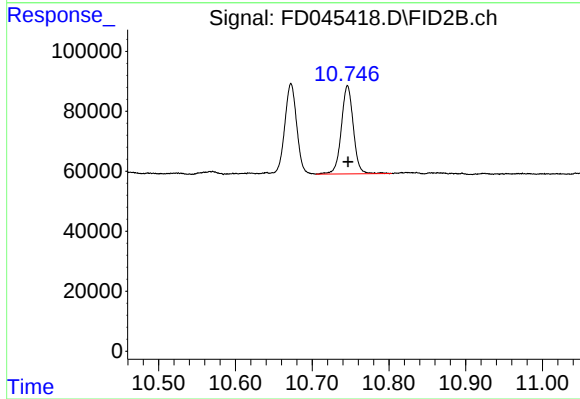
R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 343588
Conc: 2.32 ug/ml



#9 Phenanthrene (C19.36)

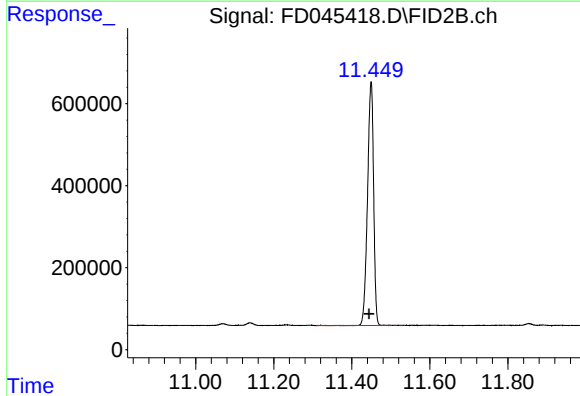
R.T.: 10.672 min
Delta R.T.: -0.001 min
Response: 324783
Conc: 2.24 ug/ml

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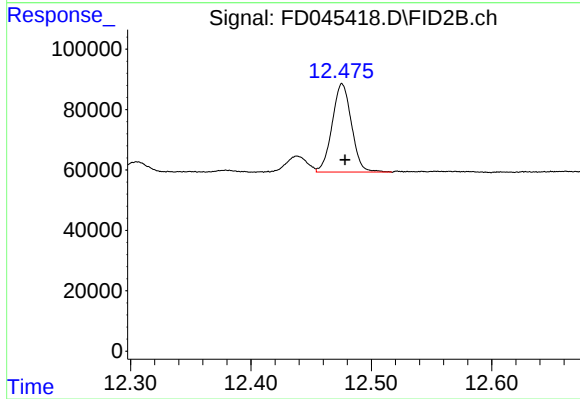
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.000 min
Response: 319336
Conc: 2.31 ug/ml



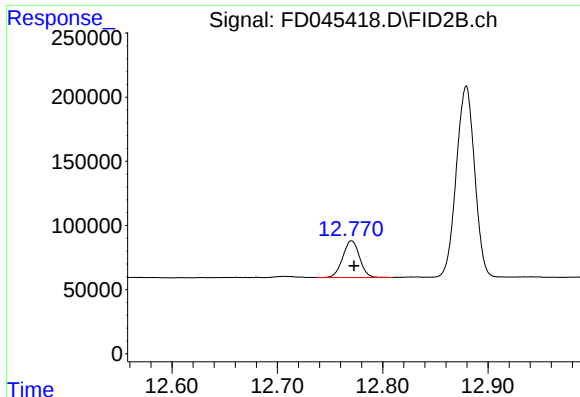
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.005 min
Response: 6424964
Conc: 36.93 ug/ml



#12 Fluoranthene (C21.85)

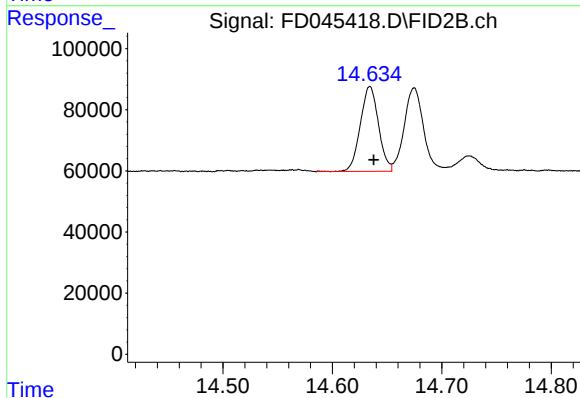
R.T.: 12.476 min
Delta R.T.: -0.002 min
Response: 327316
Conc: 2.28 ug/ml



#13 Pyrene (C20.8)

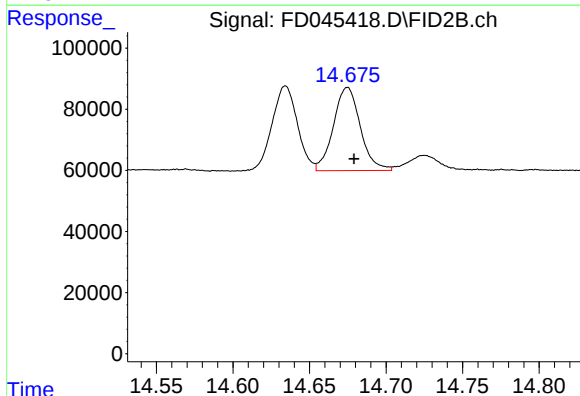
R.T.: 12.771 min
Delta R.T.: -0.002 min
Response: 317458
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :
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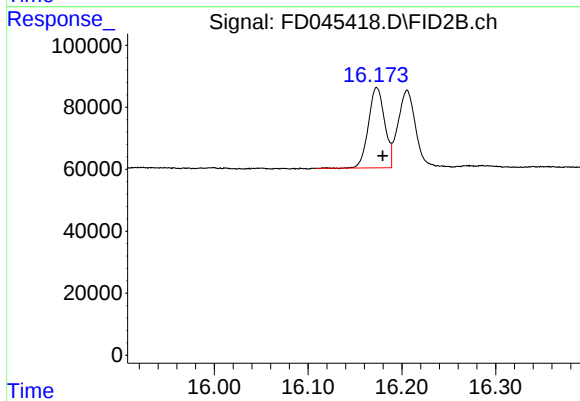
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.004 min
Response: 321312
Conc: 2.51 ug/ml



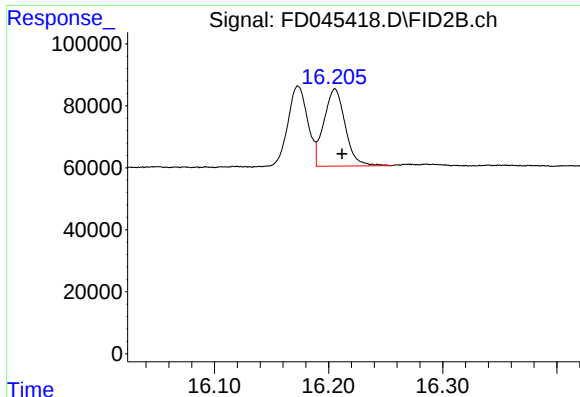
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: -0.004 min
Response: 333238
Conc: 2.51 ug/ml



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

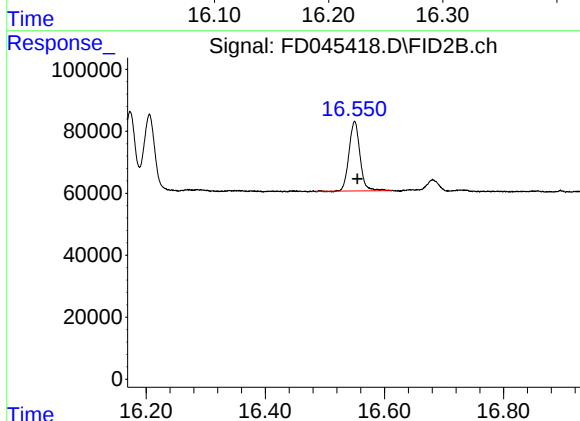
R.T.: 16.173 min
Delta R.T.: -0.006 min
Response: 310053
Conc: 2.39 ug/ml



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

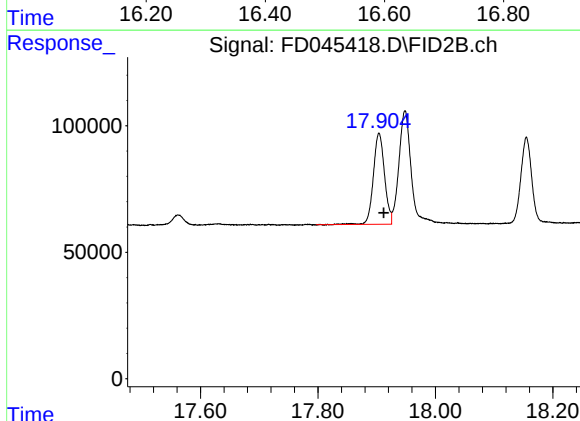
R.T.: 16.206 min
Delta R.T.: -0.006 min
Response: 323960
Conc: 2.56 ug/ml

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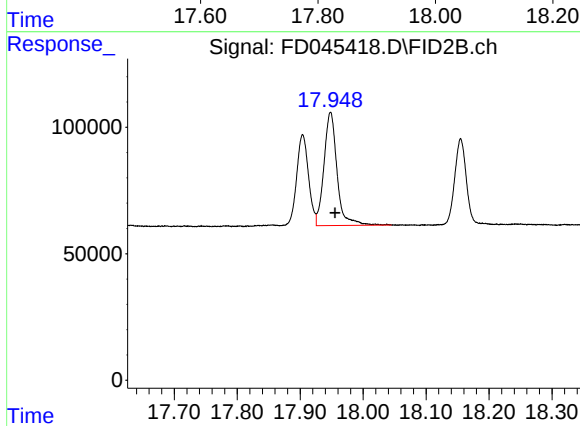
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: -0.005 min
Response: 286470
Conc: 2.28 ug/ml



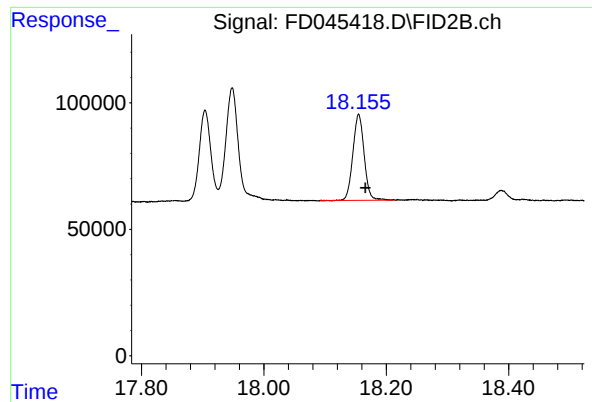
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.904 min
Delta R.T.: -0.008 min
Response: 475195
Conc: 4.01 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.007 min
Response: 648517
Conc: 5.44 ug/ml



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

R.T.: 18.155 min
Delta R.T.: -0.011 min
Response: 435772
Conc: 3.49 ug/ml

Instrument :

FID_D

ClientSampleId :

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