

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062423AR\
 Data File : FD045965.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2023 04:47
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 25 05:20:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.518	4479145	20.785 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
6) S 2-Fluorobiphenyl (SURR)	8.373	2867178	20.716 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.43%
11) S ortho-Terphenyl (SURR)	11.412	5213329	20.564 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	5194855	20.854 ug/ml
2) T Naphthalene (C11.7)	5.858	5308610	20.808 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	5241856	20.793 ug/ml
5) T Acenaphthylene (C15.06)	8.177	4540067	20.903 ug/ml
7) T Acenaphthene (C15.5)	8.472	4888443	20.738 ug/ml
8) T Fluorene (C16.55)	9.251	4679032	20.680 ug/ml
9) T Phenanthrene (C19.36)	10.641	4375858	20.508 ug/ml
10) T Anthracene (C19.43)	10.714	3467394	21.822 ug/ml
12) T Fluoranthene (C21.85)	12.445	4137264	20.216 ug/ml
13) T Pyrene (C20.8)	12.739	3976182	20.450 ug/ml
14) T Benzo[a]anthracene (C...	14.602	3636595	20.221 ug/ml
15) T Chrysene (C27.41)	14.645	3807708	19.400 ug/ml
16) T benzo[b]fluoranthene ...	16.145	3846622	20.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	3798961	19.205 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	3723340	21.370 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	3754346	20.173 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	3811972	20.734 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	3853011	20.621 ug/ml

(f)=RT Delta > 1/2 Window

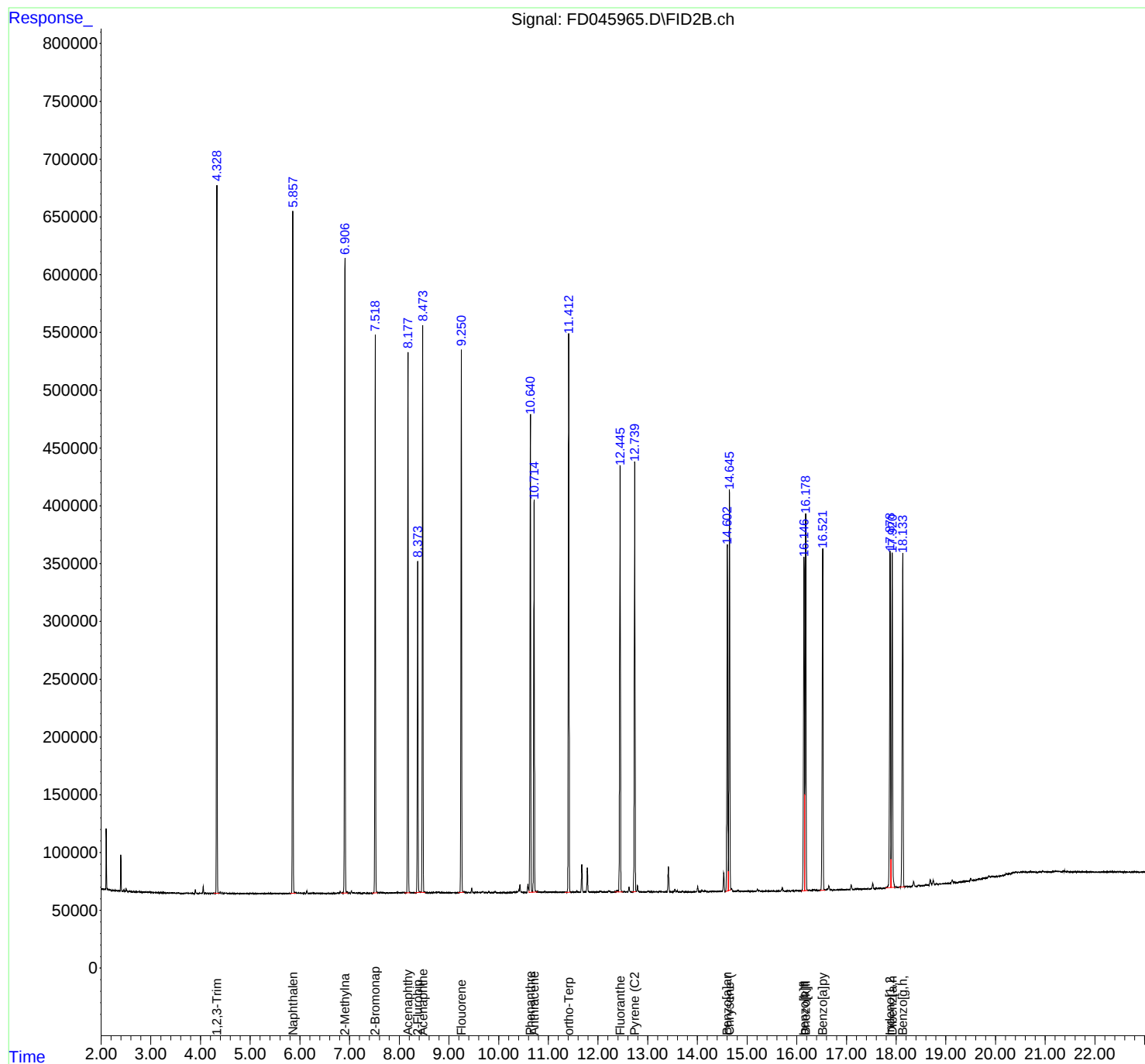
(m)=manual int.

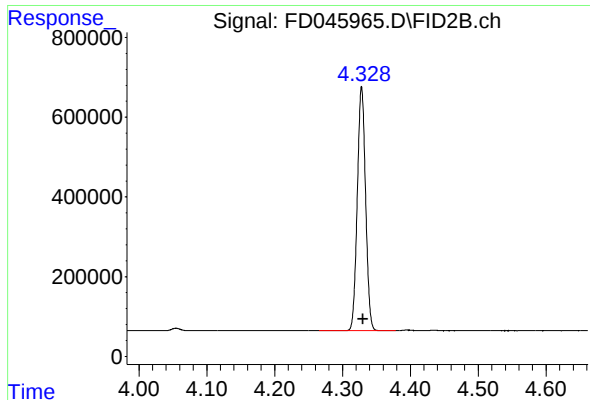
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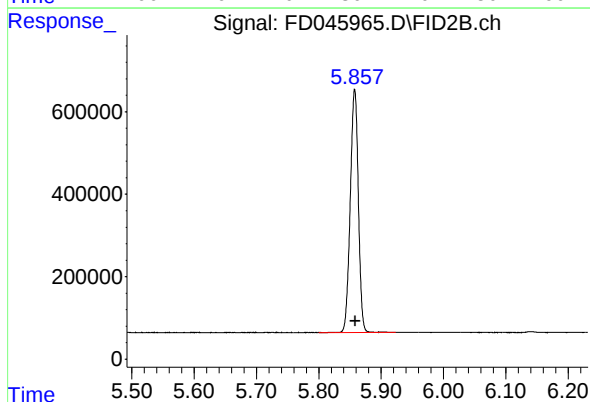




#1 1,2,3-Trimethylbenzene (C10.1)

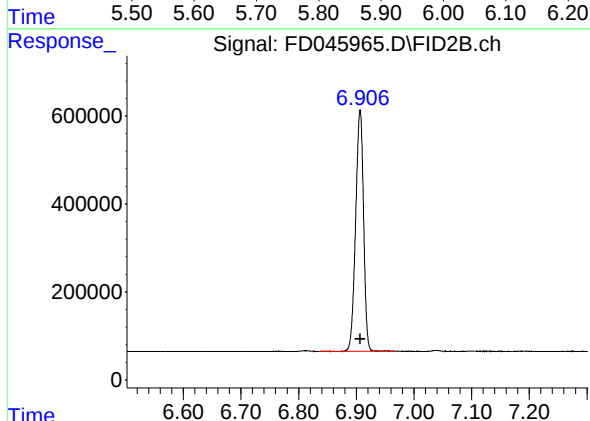
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 5194855
Conc: 20.85 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



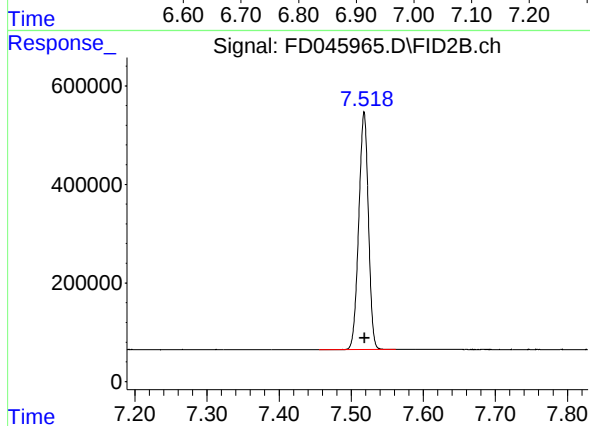
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 5308610
Conc: 20.81 ug/ml



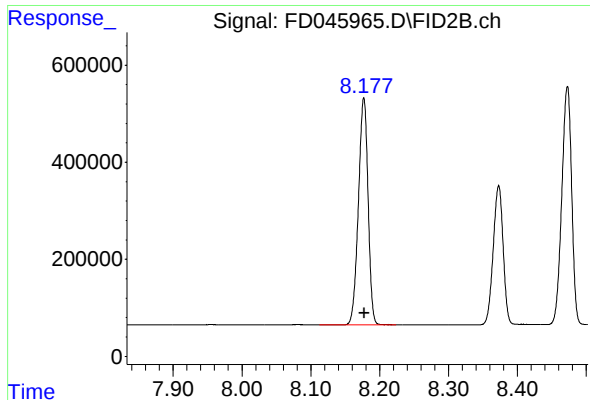
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 5241856
Conc: 20.79 ug/ml



#4 2-Bromonaphthalene (SURR)

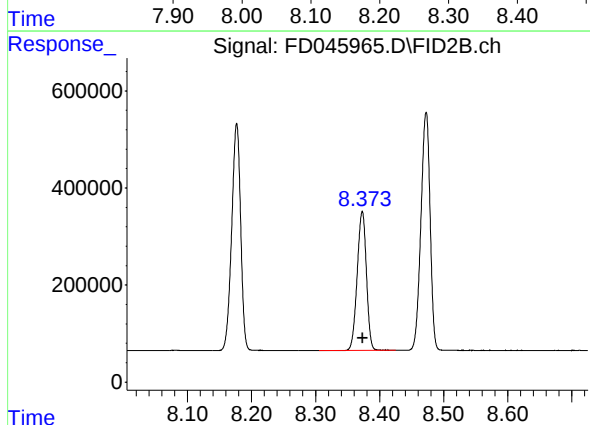
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4479145
Conc: 20.79 ug/ml



#5 Acenaphthylene (C15.06)

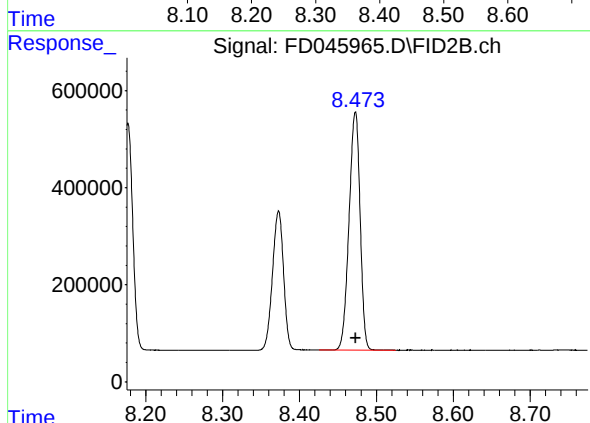
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 4540067
Conc: 20.90 ug/ml

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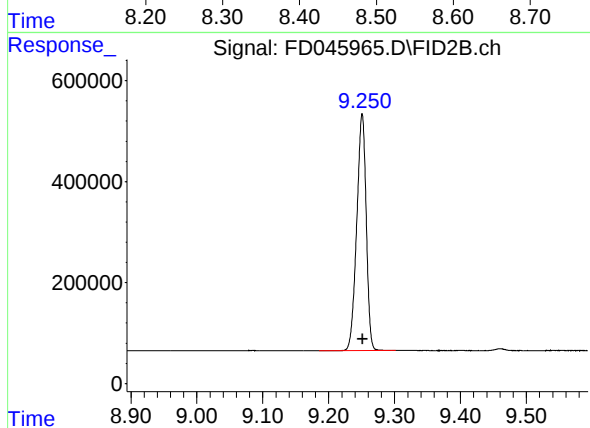
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 2867178
Conc: 20.72 ug/ml



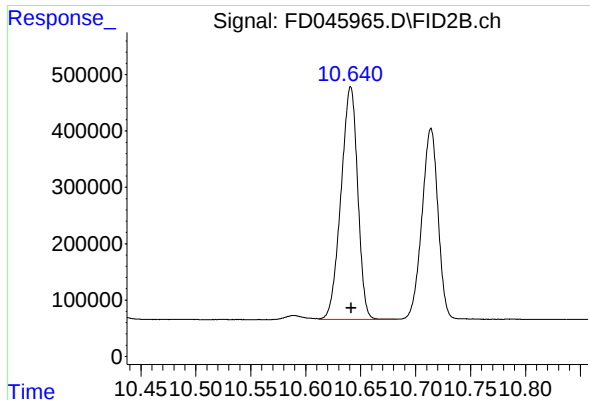
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 4888443
Conc: 20.74 ug/ml



#8 Fluorene (C16.55)

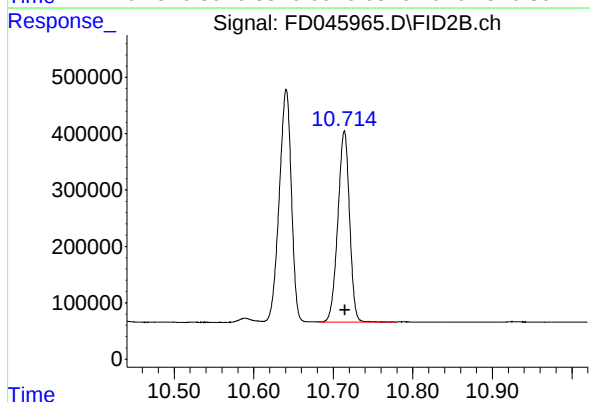
R.T.: 9.251 min
Delta R.T.: -0.001 min
Response: 4679032
Conc: 20.68 ug/ml



#9 Phenanthrene (C19.36)

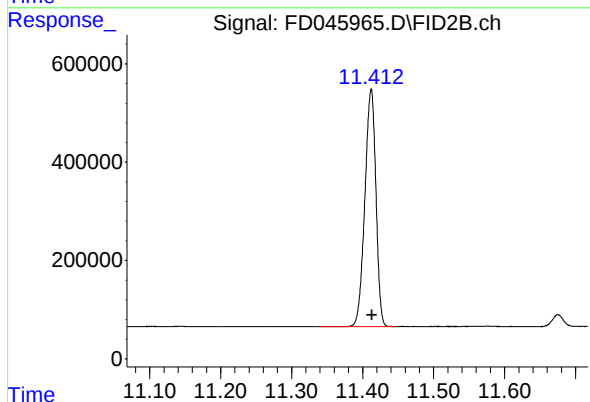
R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 4375858
Conc: 20.51 ug/ml

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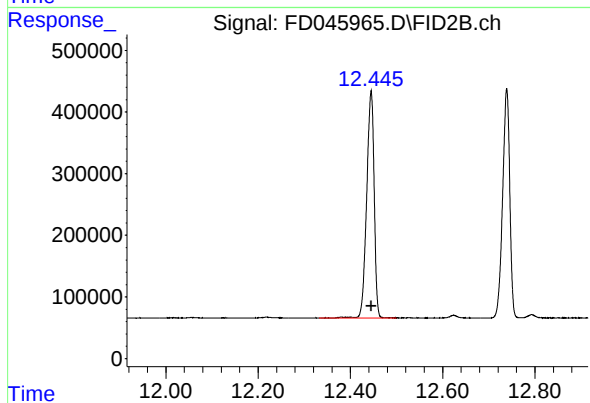
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.001 min
Response: 3467394
Conc: 21.82 ug/ml



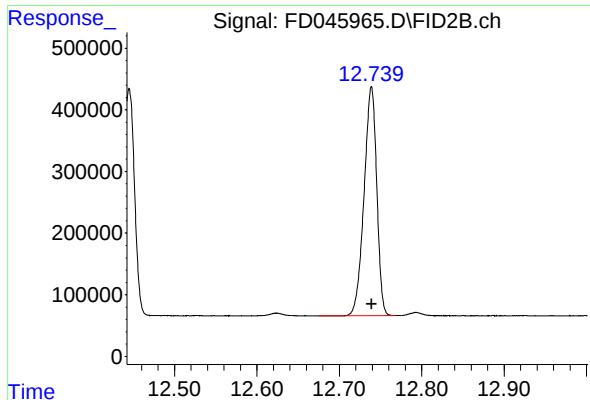
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.001 min
Response: 5213329
Conc: 20.56 ug/ml



#12 Fluoranthene (C21.85)

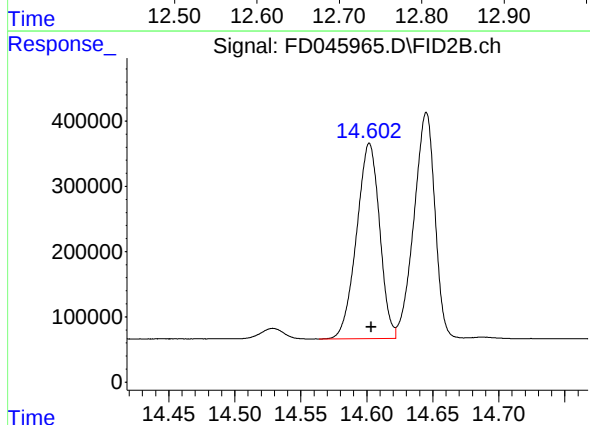
R.T.: 12.445 min
Delta R.T.: 0.000 min
Response: 4137264
Conc: 20.22 ug/ml



#13 Pyrene (C20.8)

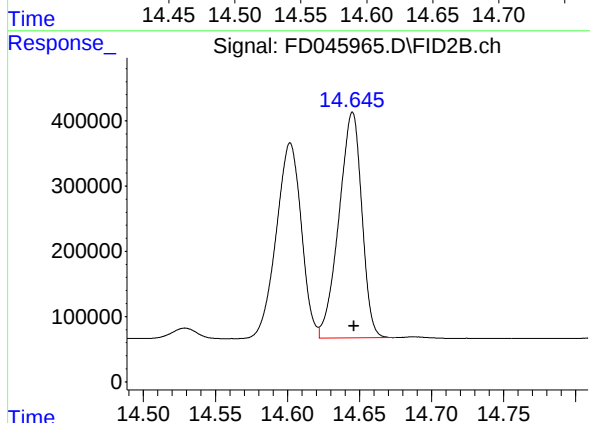
R.T.: 12.739 min
Delta R.T.: 0.000 min
Response: 3976182
Conc: 20.45 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



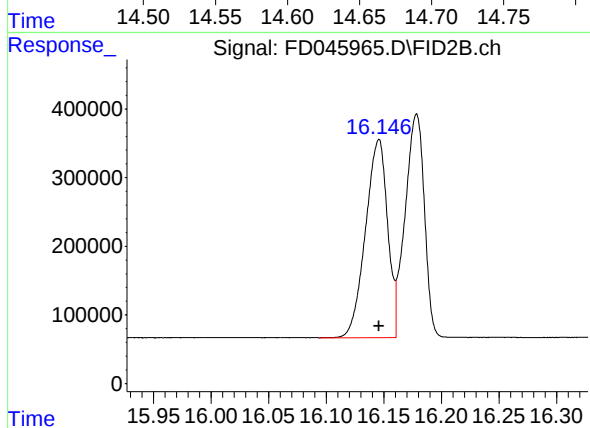
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: -0.002 min
Response: 3636595
Conc: 20.22 ug/ml



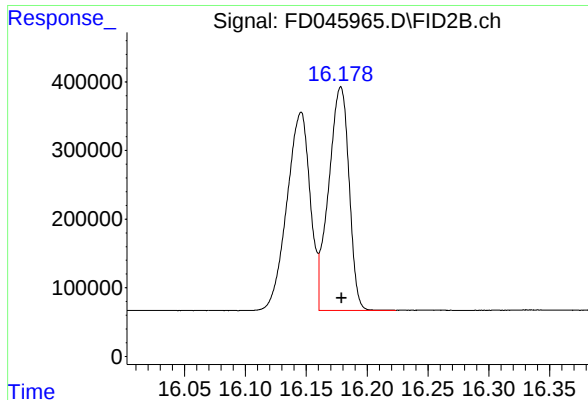
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.001 min
Response: 3807708
Conc: 19.40 ug/ml



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

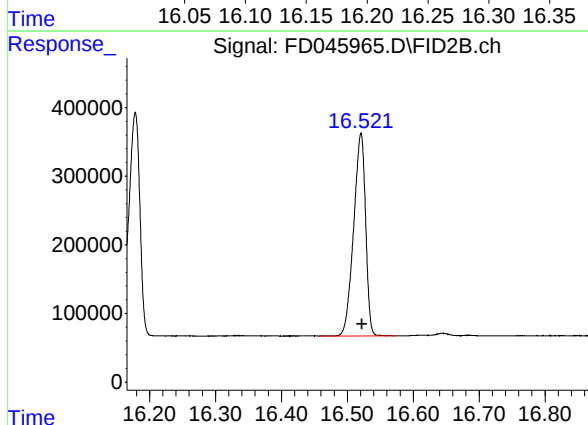
R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 3846622
Conc: 20.51 ug/ml



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

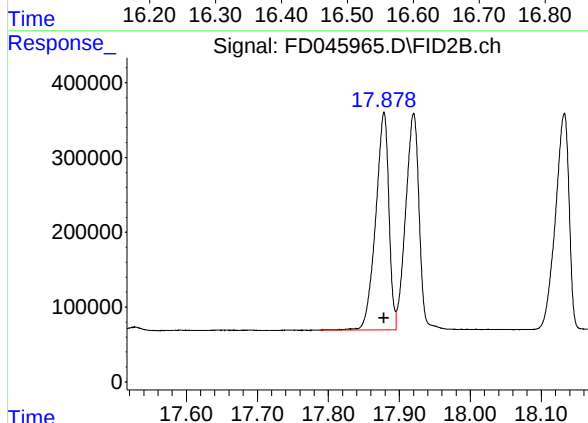
R.T.: 16.178 min
Delta R.T.: -0.001 min
Response: 3798961
Conc: 19.21 ug/ml

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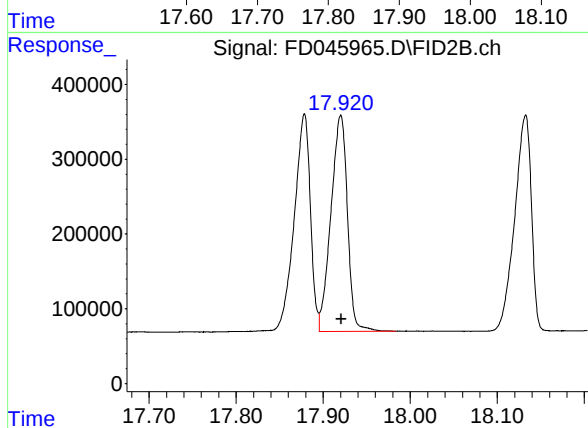
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: -0.002 min
Response: 3723340
Conc: 21.37 ug/ml



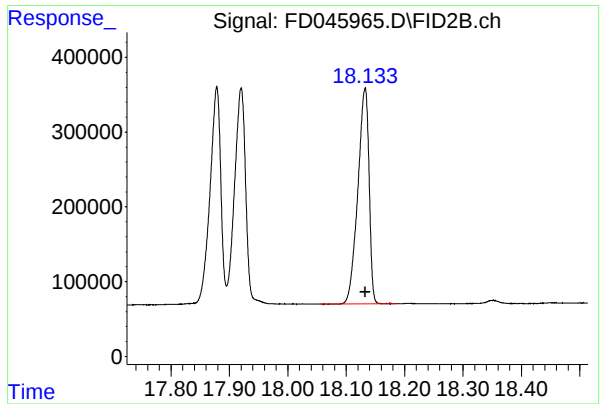
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 3754346
Conc: 20.17 ug/ml



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

R.T.: 17.920 min
Delta R.T.: -0.001 min
Response: 3811972
Conc: 20.73 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 3853011
Conc: 20.62 ug/ml

Instrument :

FID_D

ClientSampleId :

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