

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045968.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 14:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 27 02:47:14 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...	7.515	3953407	18.345 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
6) S 2-Fluorobiphenyl (SURR)	8.370	2534074	18.310 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.62%
11) S ortho-Terphenyl (SURR)	11.410	4737543	18.687 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.323	4556866	18.293 ug/ml
2) T Naphthalene (C11.7)	5.853	4665689	18.288 ug/ml
3) T 2-Methylnaphthalene (...)	6.903	4620532	18.329 ug/ml
5) T Acenaphthylene (C15.06)	8.174	4022755	18.521 ug/ml
7) T Acenaphthene (C15.5)	8.470	4337046	18.399 ug/ml
8) T Fluorene (C16.55)	9.248	4146326	18.326 ug/ml
9) T Phenanthrene (C19.36)	10.639	3906659	18.309 ug/ml
10) T Anthracene (C19.43)	10.712	2994036	18.843 ug/ml
12) T Fluoranthene (C21.85)	12.442	3733914	18.245 ug/ml
13) T Pyrene (C20.8)	12.737	3598772	18.509 ug/ml
14) T Benzo[a]anthracene (C...	14.601	3258326	18.117 ug/ml
15) T Chrysene (C27.41)	14.644	3594241	18.312 ug/ml
16) T benzo[b]fluoranthene ...	16.144	3464552	18.472 ug/ml
17) T Bnezo[k]fluoranthene ...	16.176	3427076	17.325 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	3325765	19.088 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	3341666	17.956 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	3636288	19.778 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	3429403	18.354 ug/ml

(f)=RT Delta > 1/2 Window

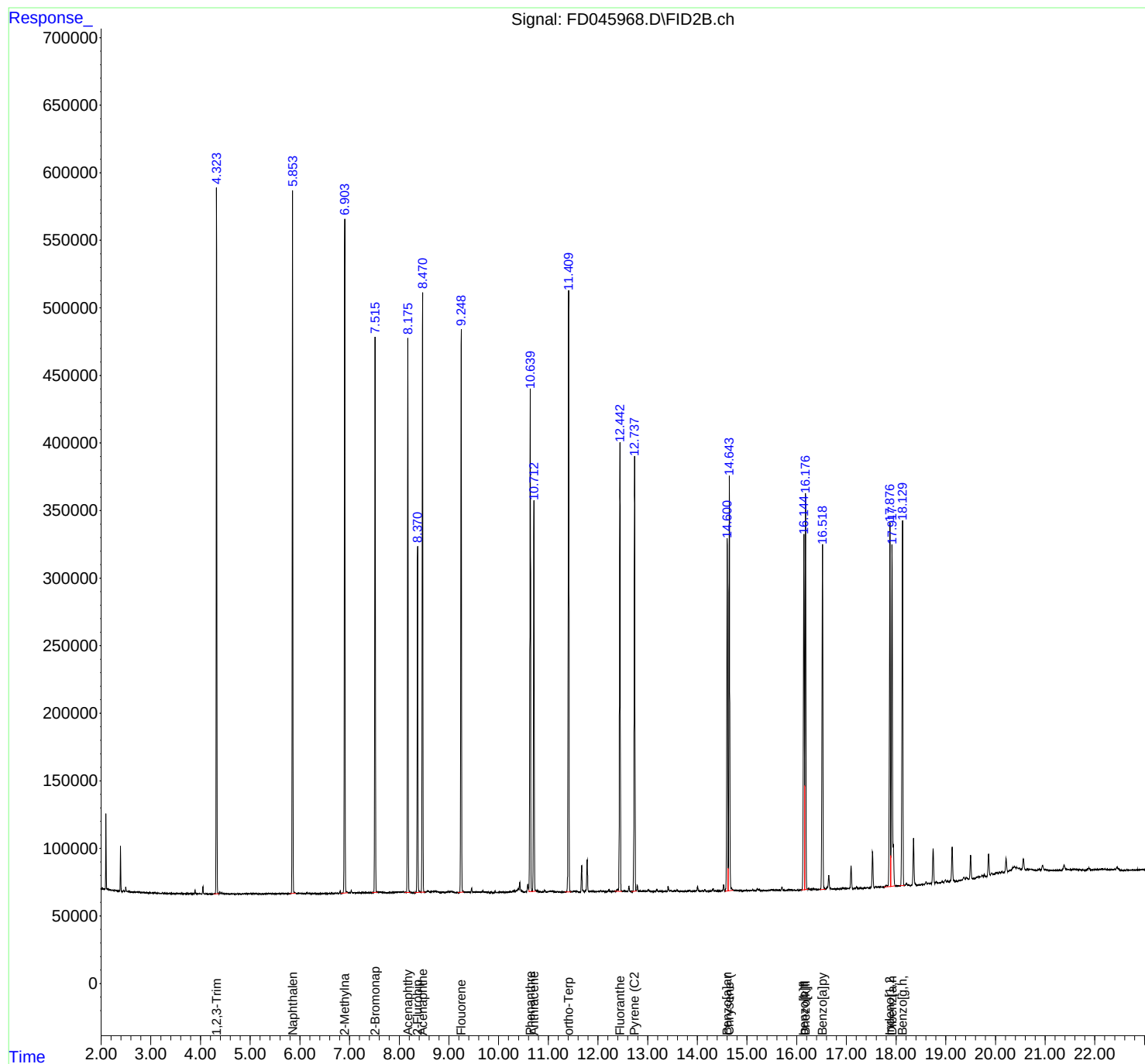
(m)=manual int.

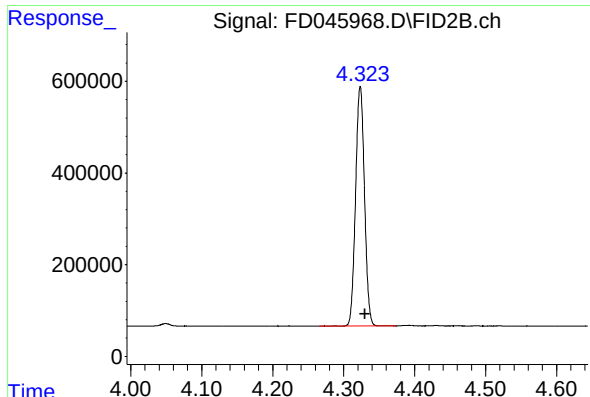
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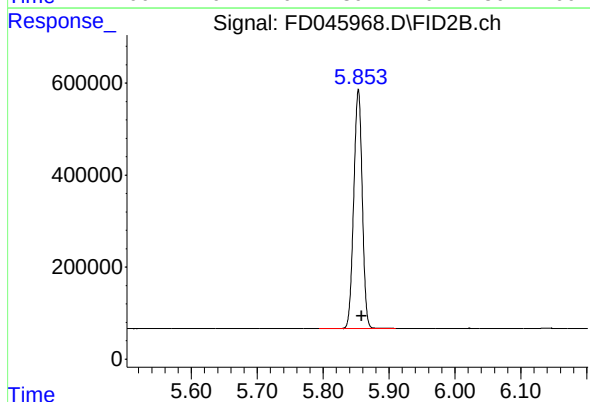




#1 1,2,3-Trimethylbenzene (C10.1)

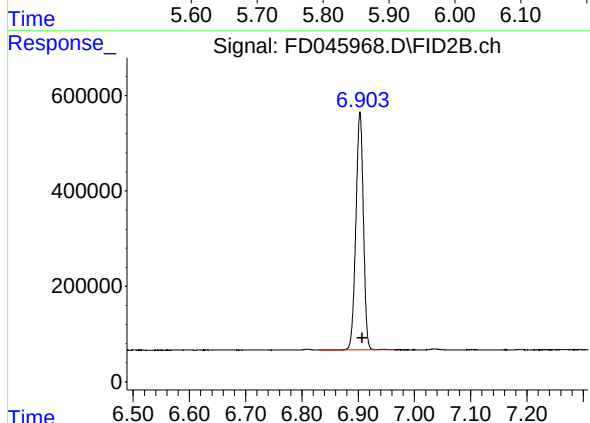
R.T.: 4.323 min
Delta R.T.: -0.007 min
Response: 4556866
Conc: 18.29 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



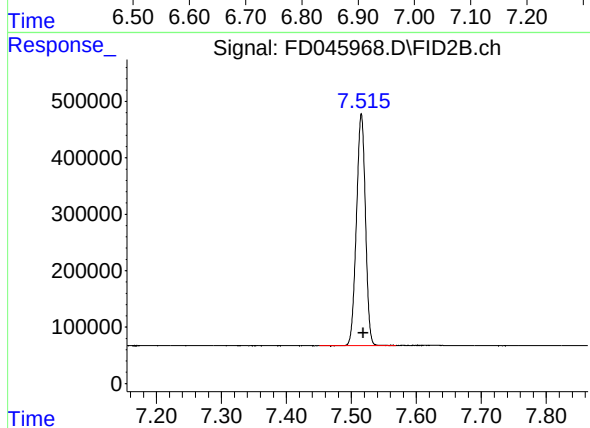
#2 Naphthalene (C11.7)

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 4665689
Conc: 18.29 ug/ml



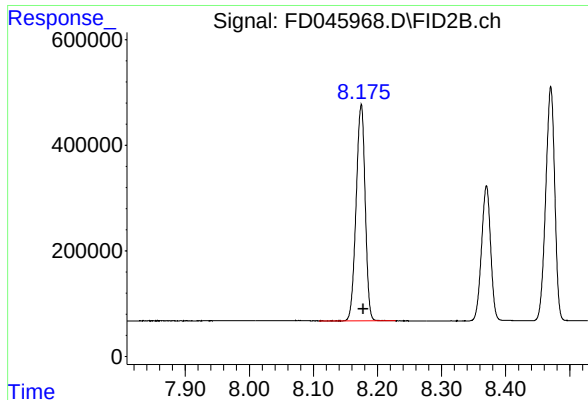
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 4620532
Conc: 18.33 ug/ml



#4 2-Bromonaphthalene (SURR)

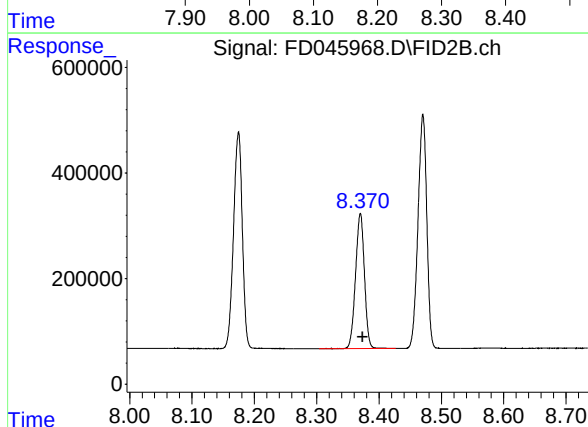
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 3953407
Conc: 18.35 ug/ml



#5 Acenaphthylene (C15.06)

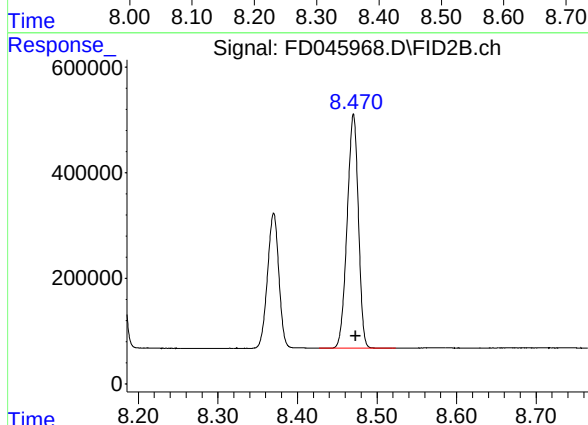
R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 4022755
Conc: 18.52 ug/ml

Instrument :
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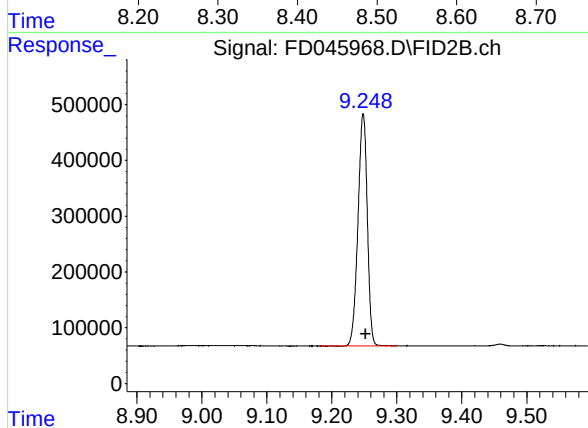
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.370 min
Delta R.T.: -0.003 min
Response: 2534074
Conc: 18.31 ug/ml



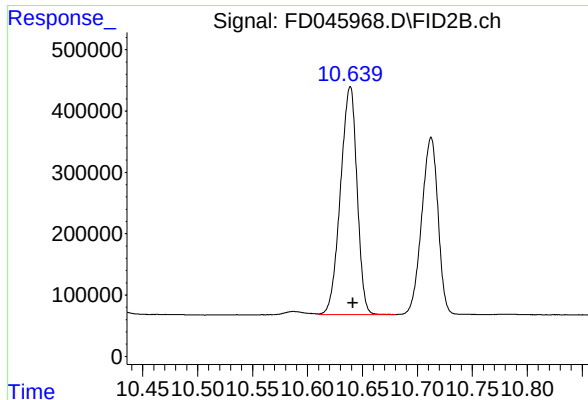
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 4337046
Conc: 18.40 ug/ml



#8 Flouorene (C16.55)

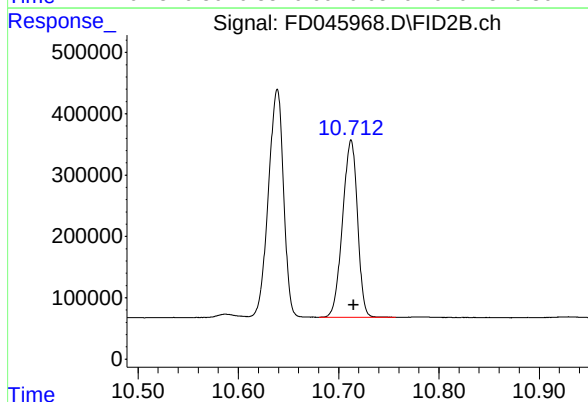
R.T.: 9.248 min
Delta R.T.: -0.004 min
Response: 4146326
Conc: 18.33 ug/ml



#9 Phenanthrene (C19.36)

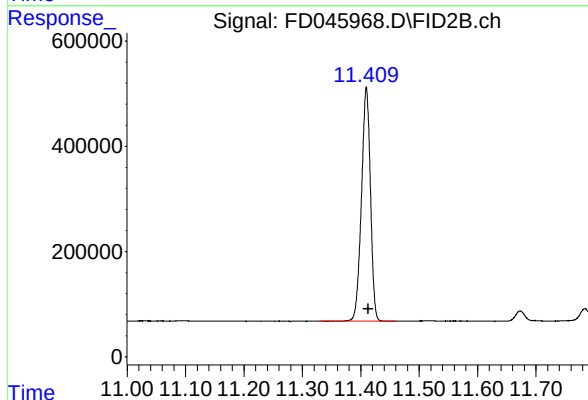
R.T.: 10.639 min
Delta R.T.: -0.003 min
Response: 3906659
Conc: 18.31 ug/ml

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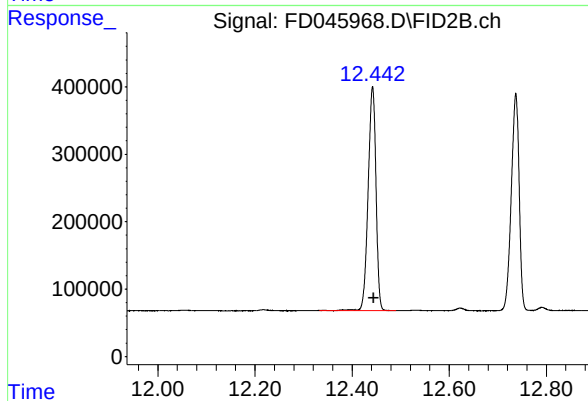
#10 Anthracene (C19.43)

R.T.: 10.712 min
Delta R.T.: -0.003 min
Response: 2994036
Conc: 18.84 ug/ml



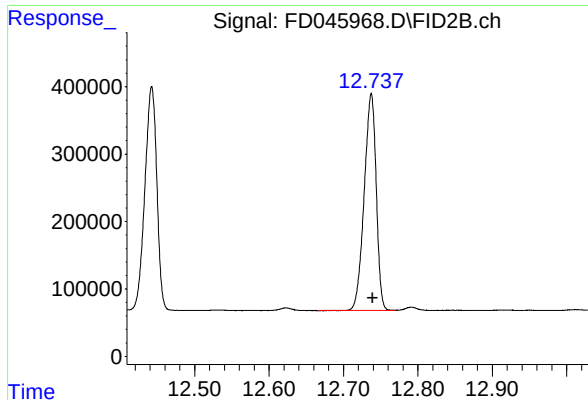
#11 ortho-Terphenyl (SURRE)

R.T.: 11.410 min
Delta R.T.: -0.003 min
Response: 4737543
Conc: 18.69 ug/ml



#12 Fluoranthene (C21.85)

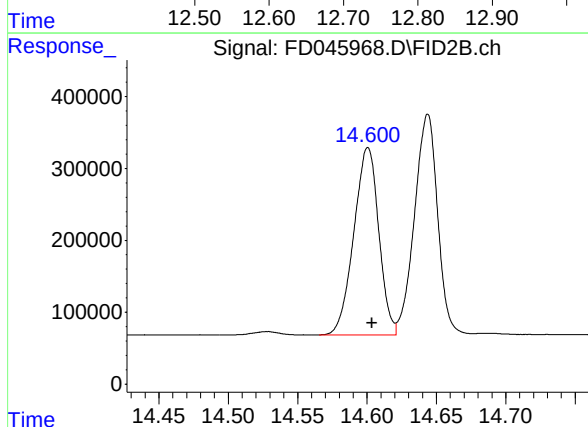
R.T.: 12.442 min
Delta R.T.: -0.003 min
Response: 3733914
Conc: 18.25 ug/ml



#13 Pyrene (C20.8)

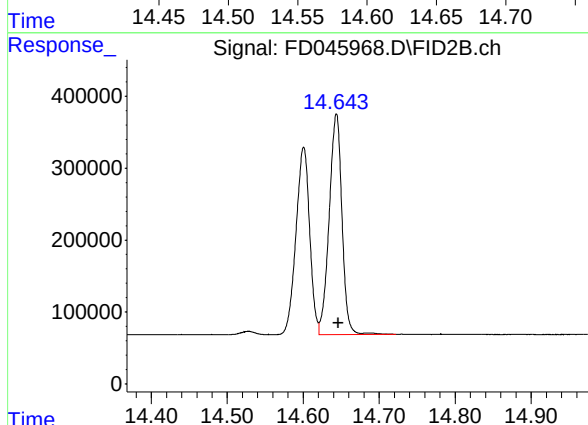
R.T.: 12.737 min
Delta R.T.: -0.002 min
Response: 3598772
Conc: 18.51 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



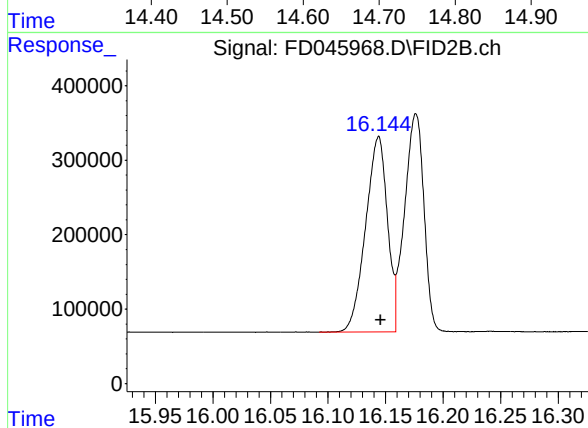
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.601 min
Delta R.T.: -0.003 min
Response: 3258326
Conc: 18.12 ug/ml



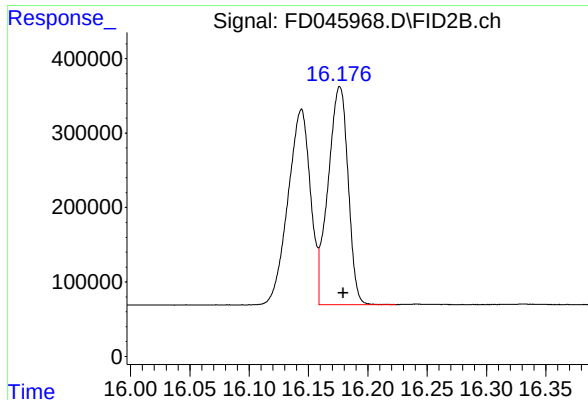
#15 Chrysene (C27.41)

R.T.: 14.644 min
Delta R.T.: -0.003 min
Response: 3594241
Conc: 18.31 ug/ml



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

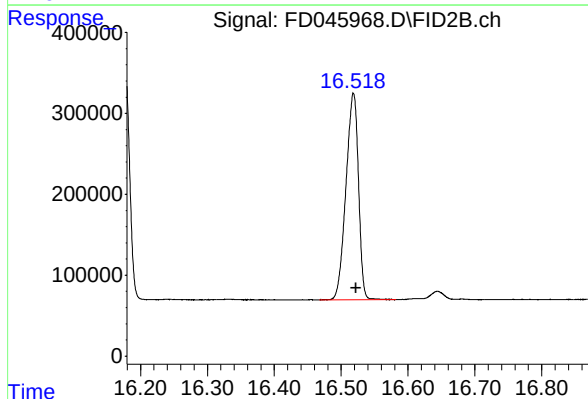
R.T.: 16.144 min
Delta R.T.: -0.002 min
Response: 3464552
Conc: 18.47 ug/ml



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

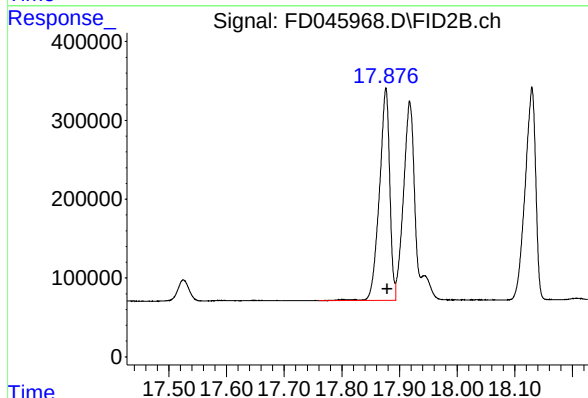
R.T.: 16.176 min
Delta R.T.: -0.003 min
Response: 3427076
Conc: 17.33 ug/ml

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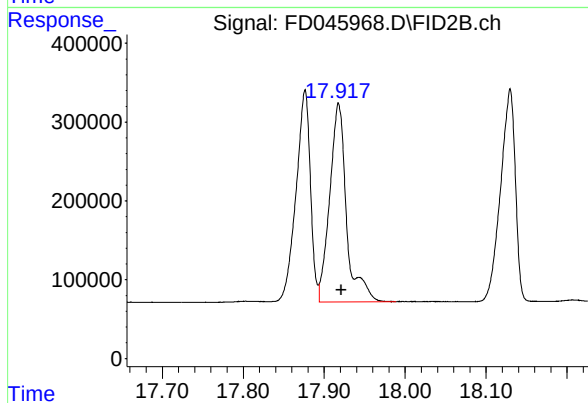
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: -0.004 min
Response: 3325765
Conc: 19.09 ug/ml



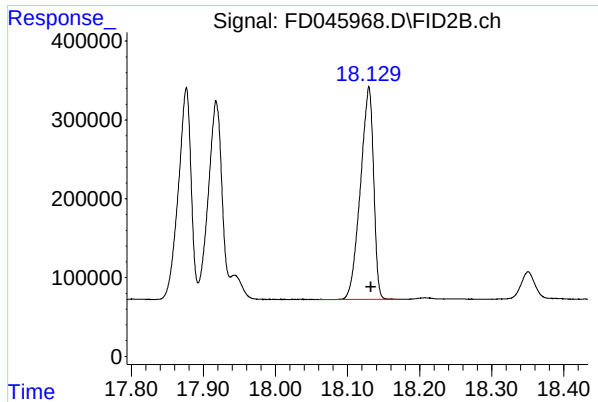
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.003 min
Response: 3341666
Conc: 17.96 ug/ml



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

R.T.: 17.918 min
Delta R.T.: -0.003 min
Response: 3636288
Conc: 19.78 ug/ml



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

R.T.: 18.129 min
Delta R.T.: -0.003 min
Response: 3429403
Conc: 18.35 ug/ml

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