

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044952.D
 Signal(s) : FID2B.ch
 Acq On : 01 Feb 2023 03:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 01 04:08:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.555	3040598	20.732 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
6) S 2-Fluorobiphenyl (SURR)	8.412	2056707	20.606 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.21%
11) S ortho-Terphenyl (SURR)	11.454	3815527	20.529 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3290985	20.616 ug/ml
2) T Naphthalene (C11.7)	5.895	3491512	20.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3516861	20.499 ug/ml
5) T Acenaphthylene (C15.06)	8.216	3210218	20.429 ug/ml
7) T Acenaphthene (C15.5)	8.511	3430856	20.634 ug/ml
8) T Fluorene (C16.55)	9.290	3381542	20.602 ug/ml
9) T Phenanthrene (C19.36)	10.681	3331857	20.607 ug/ml
10) T Anthracene (C19.43)	10.755	2836041	19.130 ug/ml
12) T Fluoranthene (C21.85)	12.488	3333415	20.828 ug/ml
13) T Pyrene (C20.8)	12.782	3225619	20.556 ug/ml
14) T Benzo[a]anthracene (C...	14.647	2934198	20.559 ug/ml
15) T Chrysene (C27.41)	14.690	3117616	21.056 ug/ml
16) T benzo[b]fluoranthene ...	16.191	2988937	20.603 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	3068457	21.522 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	2822723	20.200 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	2858414	21.241 ug/ml
20) T Dibenz[a,h]anthracene...	17.966	3050661	23.021 ug/ml
21) T Benzo[g,h,i]perylene ...	18.177	2829843	20.813 ug/ml

(f)=RT Delta > 1/2 Window

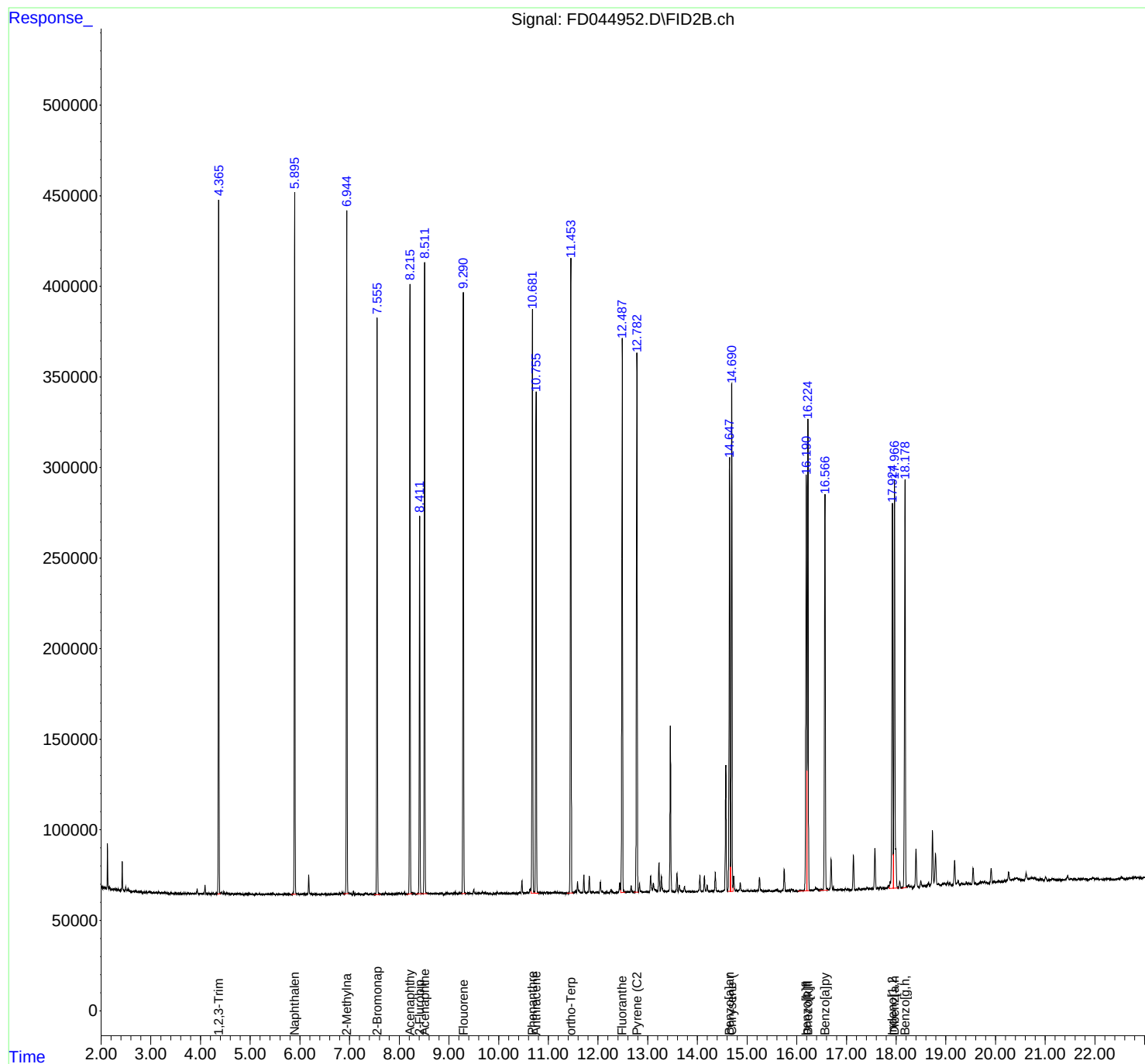
(m)=manual int.

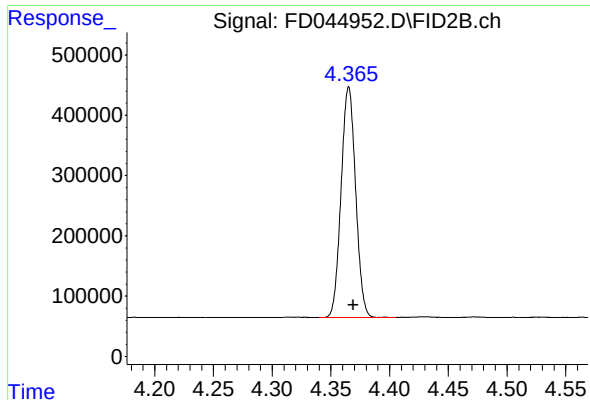
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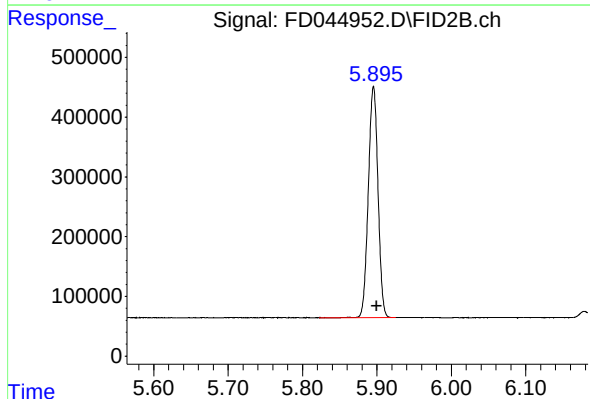




#1 1,2,3-Trimethylbenzene (C10.1)

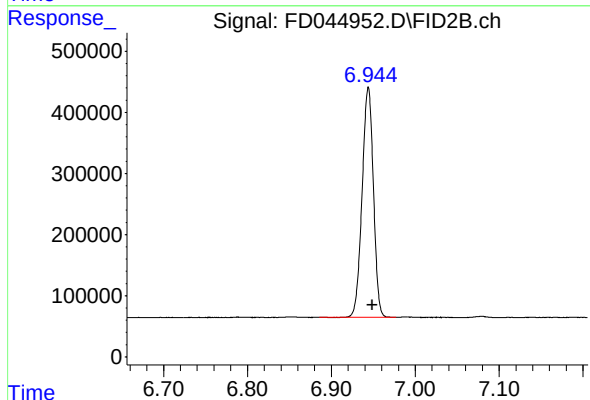
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3290985
Conc: 20.62 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



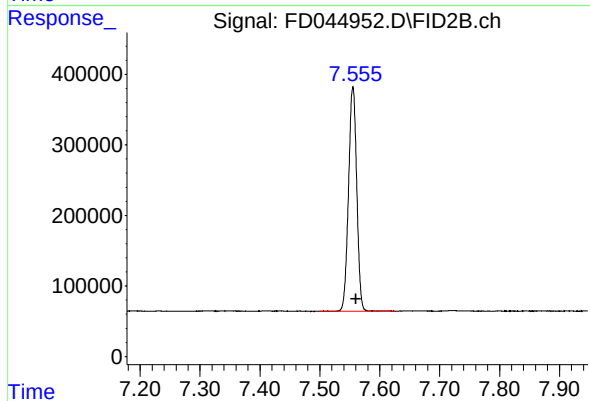
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 3491512
Conc: 20.61 ug/ml



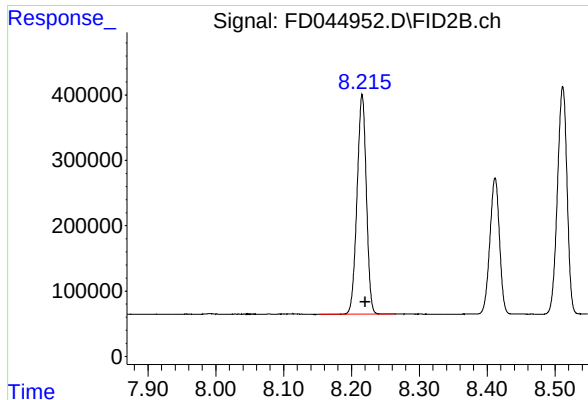
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3516861
Conc: 20.50 ug/ml



#4 2-Bromonaphthalene (SURR)

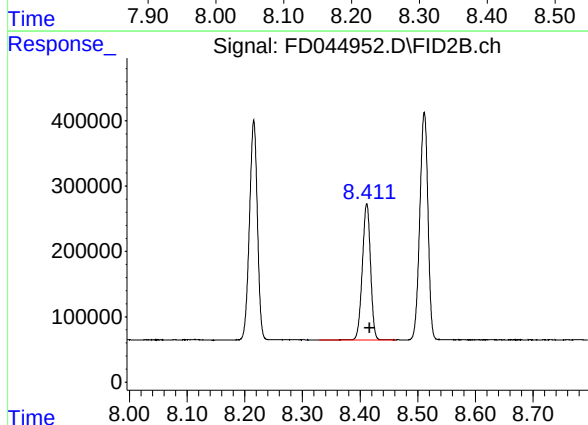
R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 3040598
Conc: 20.73 ug/ml



#5 Acenaphthylene (C15.06)

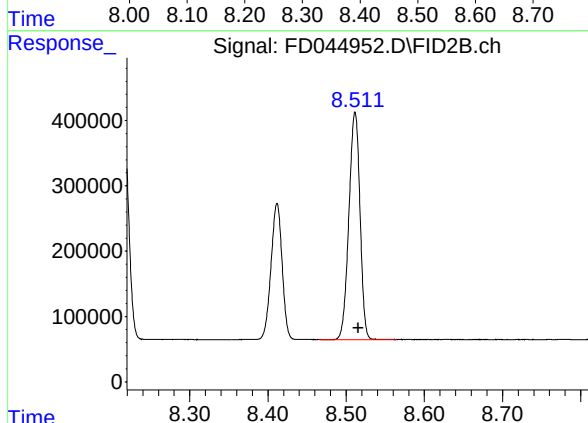
R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 3210218
Conc: 20.43 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



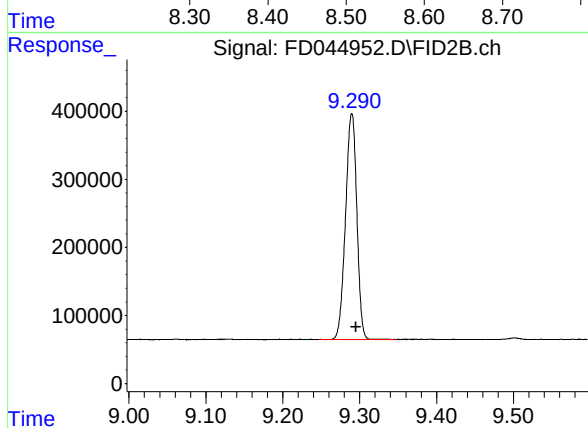
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.005 min
Response: 2056707
Conc: 20.61 ug/ml



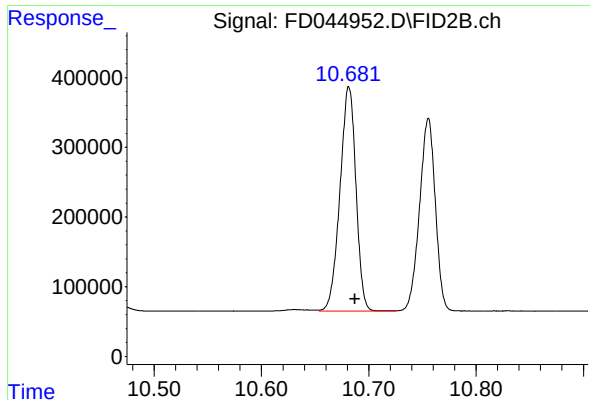
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3430856
Conc: 20.63 ug/ml



#8 Fluorene (C16.55)

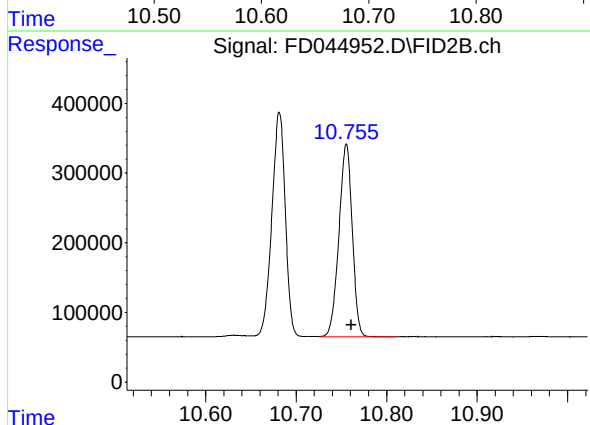
R.T.: 9.290 min
Delta R.T.: -0.006 min
Response: 3381542
Conc: 20.60 ug/ml



#9 Phenanthrene (C19.36)

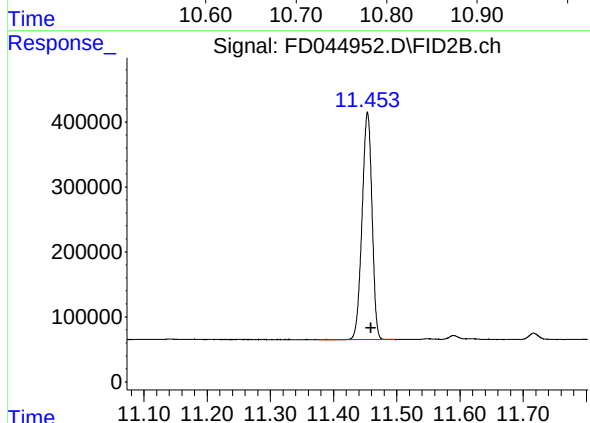
R.T.: 10.681 min
Delta R.T.: -0.006 min
Response: 3331857
Conc: 20.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



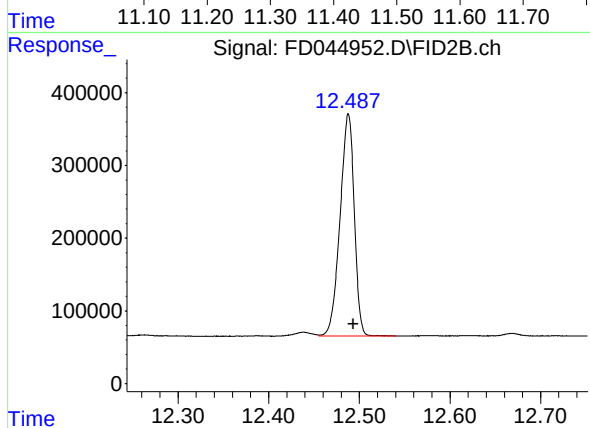
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.006 min
Response: 2836041
Conc: 19.13 ug/ml



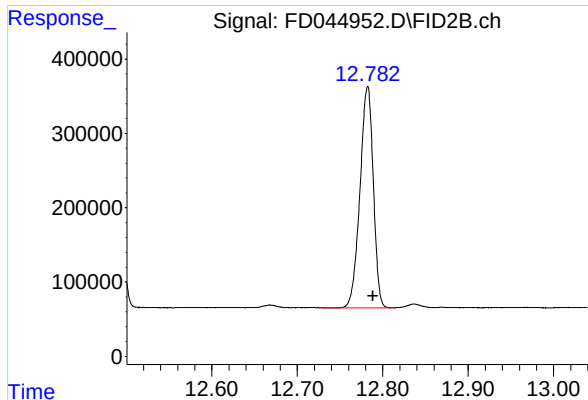
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 3815527
Conc: 20.53 ug/ml



#12 Fluoranthene (C21.85)

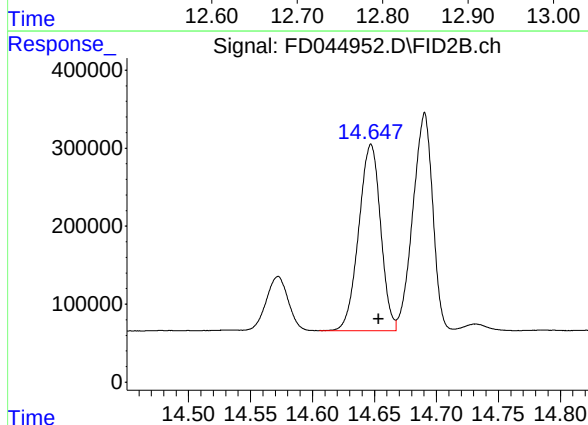
R.T.: 12.488 min
Delta R.T.: -0.005 min
Response: 3333415
Conc: 20.83 ug/ml



#13 Pyrene (C20.8)

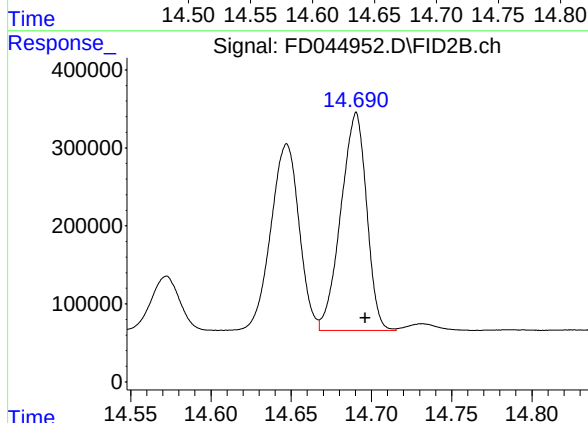
R.T.: 12.782 min
Delta R.T.: -0.006 min
Response: 3225619
Conc: 20.56 ug/ml

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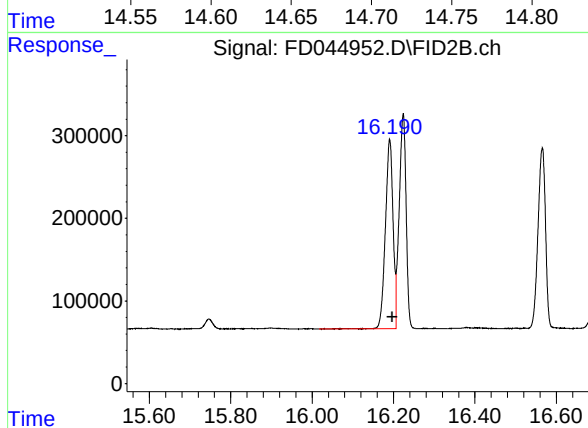
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.647 min
Delta R.T.: -0.006 min
Response: 2934198
Conc: 20.56 ug/ml



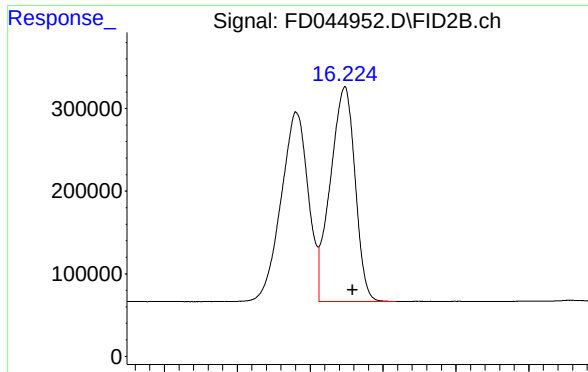
#15 Chrysene (C27.41)

R.T.: 14.690 min
Delta R.T.: -0.006 min
Response: 3117616
Conc: 21.06 ug/ml



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

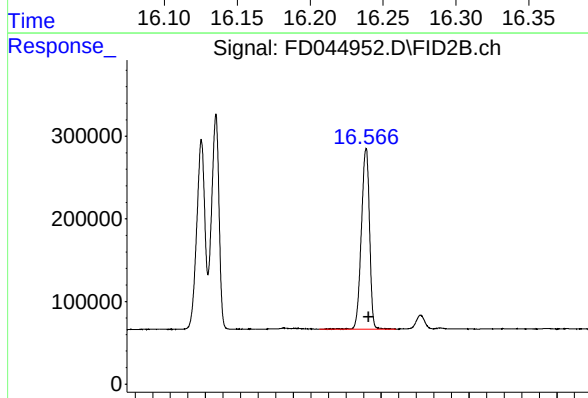
R.T.: 16.191 min
Delta R.T.: -0.007 min
Response: 2988937
Conc: 20.60 ug/ml



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

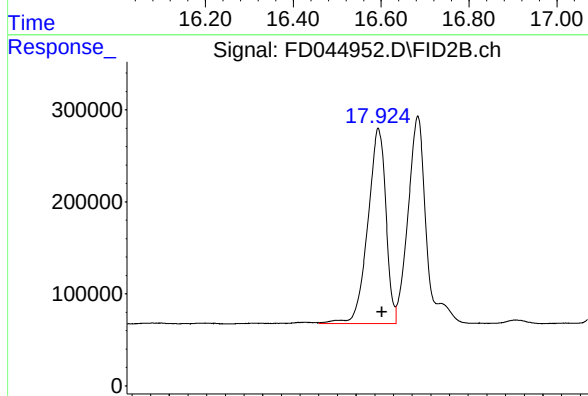
R.T.: 16.224 min
Delta R.T.: -0.006 min
Response: 3068457
Conc: 21.52 ug/ml

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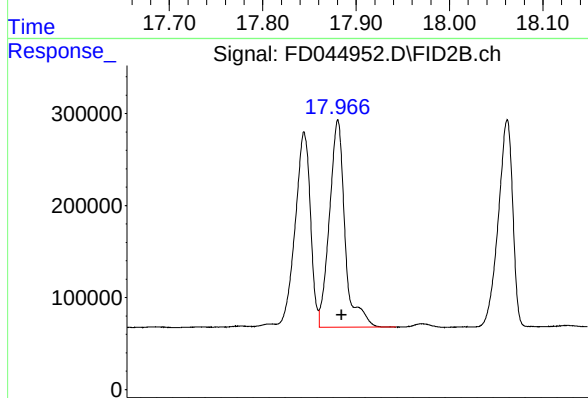
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.006 min
Response: 2822723
Conc: 20.20 ug/ml



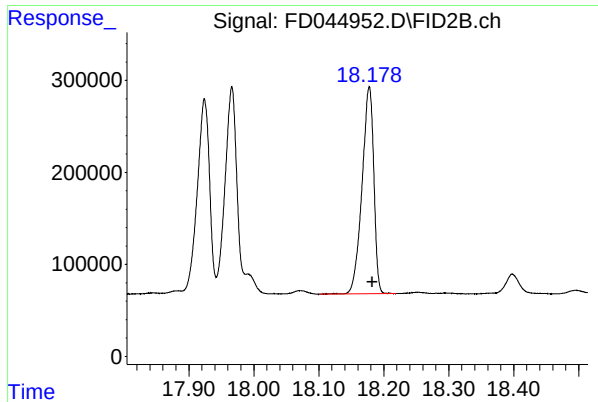
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.004 min
Response: 2858414
Conc: 21.24 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.005 min
Response: 3050661
Conc: 23.02 ug/ml



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

R.T.: 18.177 min
Delta R.T.: -0.005 min
Response: 2829843
Conc: 20.81 ug/ml

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