

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110824AR\
 Data File : FF014972.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 14:51
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File: autoint1.e
 Quant Time: Nov 09 00:26:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 2024
 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...	7.985	2673776	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.861	1786752	20.034 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.07%
11) S ortho-Terphenyl (SURR)	11.926	2976247	20.207 ug/mlm
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	3057021	20.086 ug/ml
2) T Naphthalene (C11.7)	6.265	3155217	20.105 ug/ml
3) T 2-Methylnaphthalene (...)	7.360	3155950	20.118 ug/ml
5) T Acenaphthylene (C15.06)	8.661	3043152	20.011 ug/ml
7) T Acenaphthene (C15.5)	8.961	3047682	20.085 ug/ml
8) T Flouorene (C16.55)	9.750	2961845	19.967 ug/ml
9) T Phenanthrene (C19.36)	11.158	2882961	19.878 ug/ml
10) T Anthracene (C19.43)	11.232	2512626	18.310 ug/ml
12) T Fluoranthene (C21.85)	12.979	2785054	19.928 ug/ml
13) T Pyrene (C20.8)	13.278	2752732	19.978 ug/ml
14) T Benzo[a]anthracene (C...	15.158	2634839	19.746 ug/ml
15) T Chrysene (C27.41)	15.200	2711928	19.976 ug/ml
16) T benzo[b]fluoranthene ...	16.717	2742612	19.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	2563226	19.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.097	2699428	19.909 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.468	2681904	19.513 ug/ml
20) T Dibenz[a,h]anthracene...	18.508	2889042	19.527 ug/ml
21) T Benzo[g,h,i]perylene ...	18.726	2916505	19.929 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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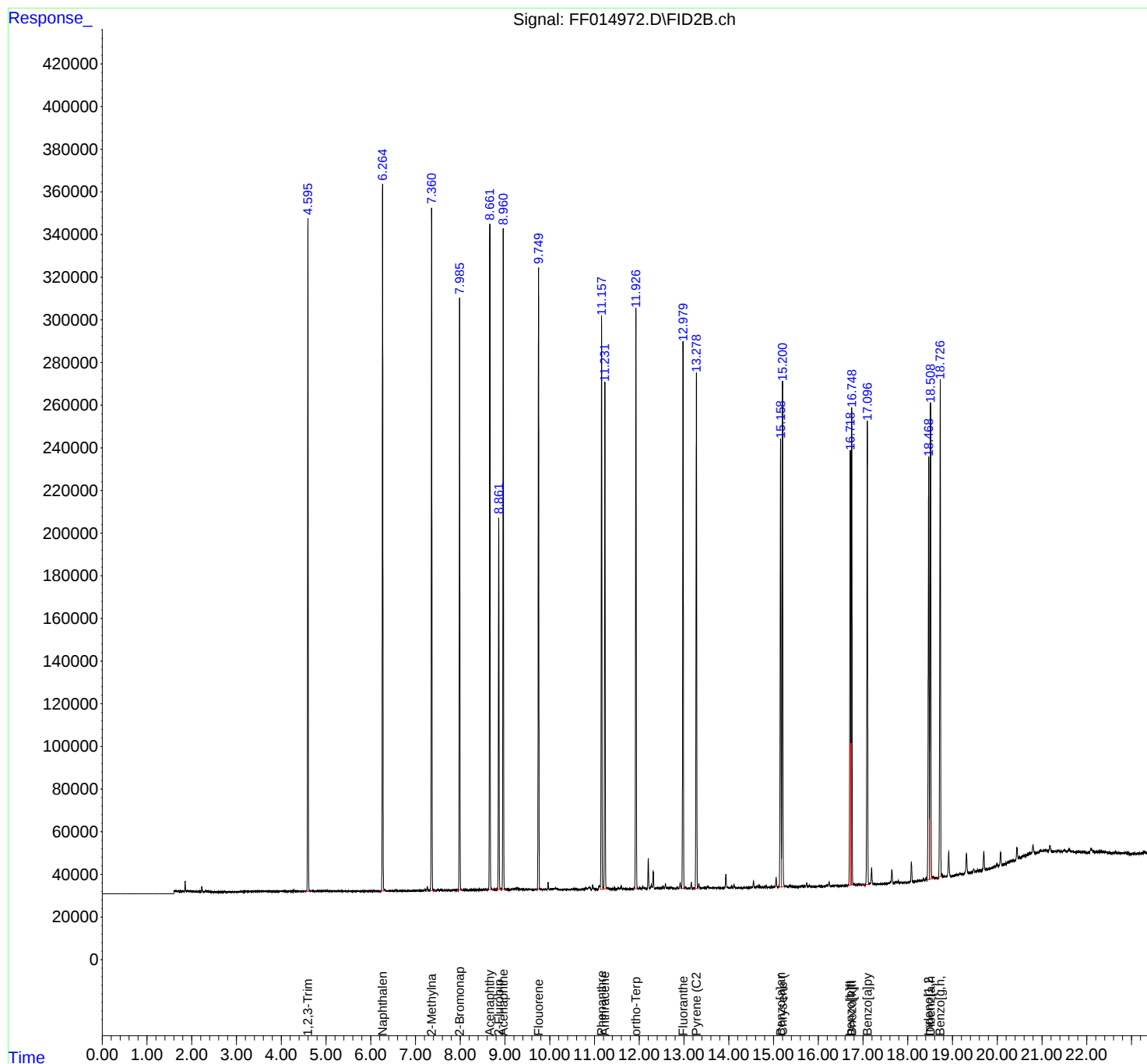
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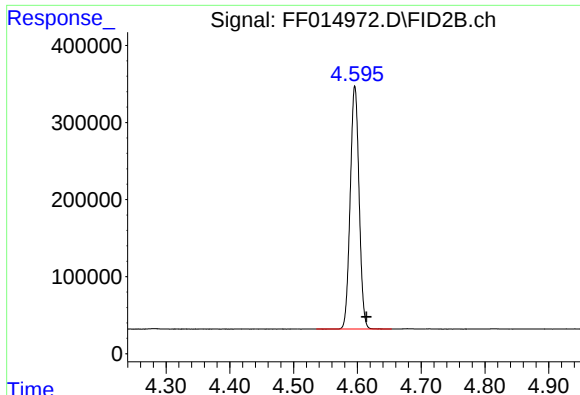
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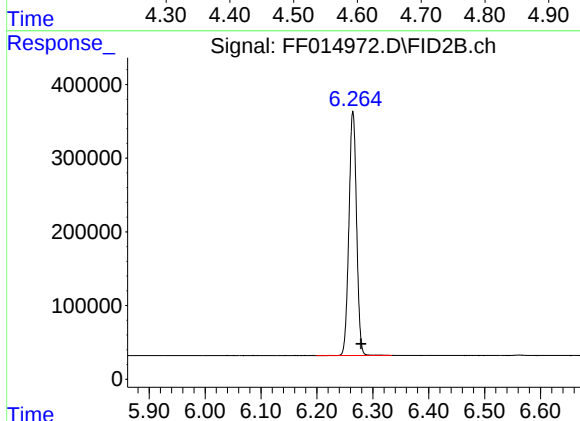
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.596 min
Delta R.T.: -0.018 min
Response: 3057021
Conc: 20.09 ug/ml

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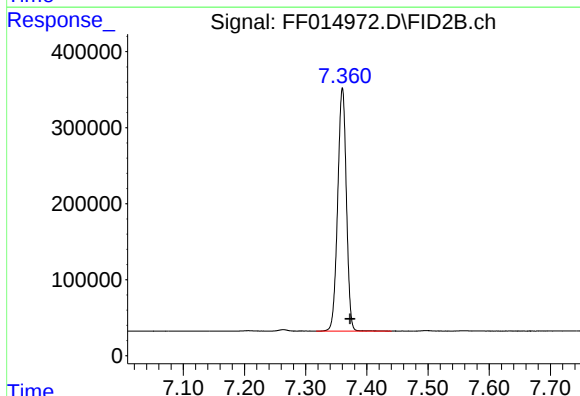
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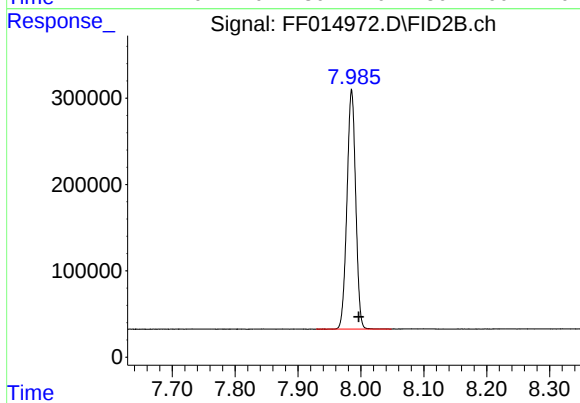
#2 Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.015 min
Response: 3155217
Conc: 20.10 ug/ml



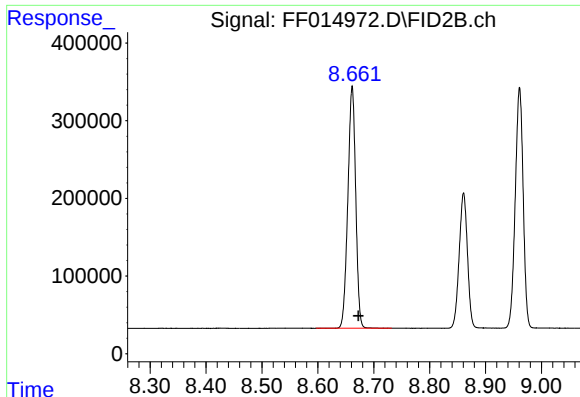
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.360 min
Delta R.T.: -0.013 min
Response: 3155950
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.985 min
Delta R.T.: -0.011 min
Response: 2673776
Conc: 20.09 ug/ml



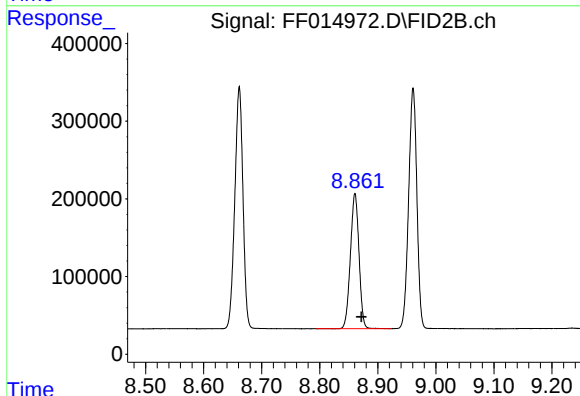
#5 Acenaphthylene (C15.06)

R.T.: 8.661 min
Delta R.T.: -0.011 min
Response: 3043152
Conc: 20.01 ug/ml

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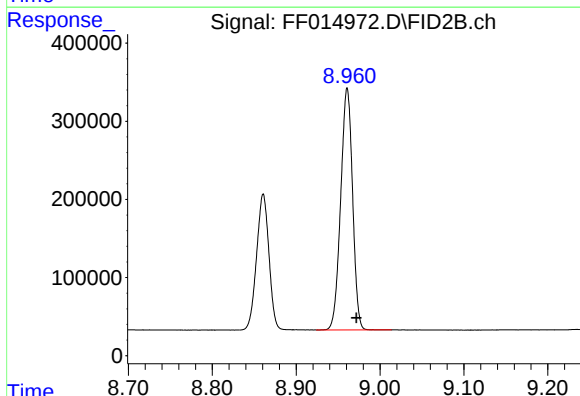
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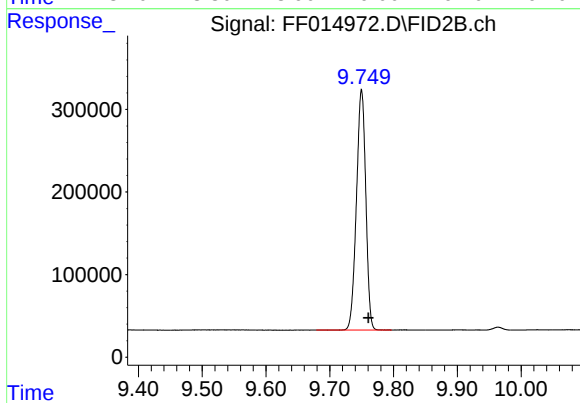
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: -0.011 min
Response: 1786752
Conc: 20.03 ug/ml



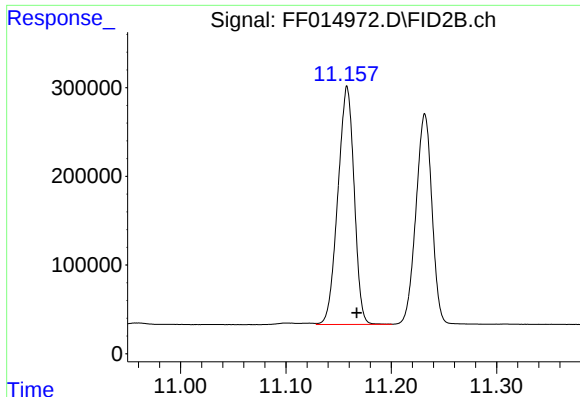
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: -0.011 min
Response: 3047682
Conc: 20.09 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.750 min
Delta R.T.: -0.011 min
Response: 2961845
Conc: 19.97 ug/ml



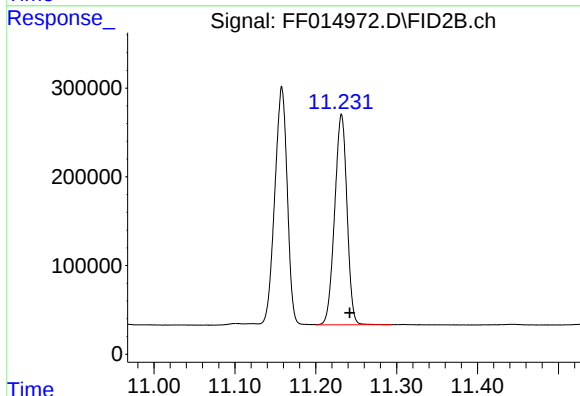
#9 Phenanthrene (C19.36)

R.T.: 11.158 min
Delta R.T.: -0.009 min
Response: 2882961
Conc: 19.88 ug/ml

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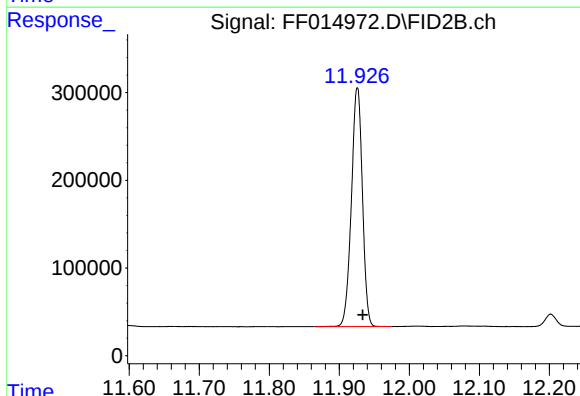
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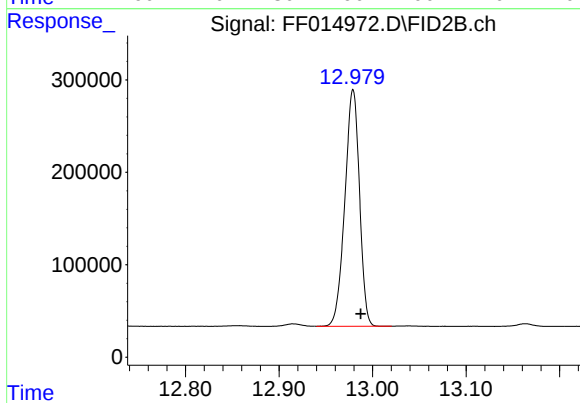
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: -0.010 min
Response: 2512626
Conc: 18.31 ug/ml



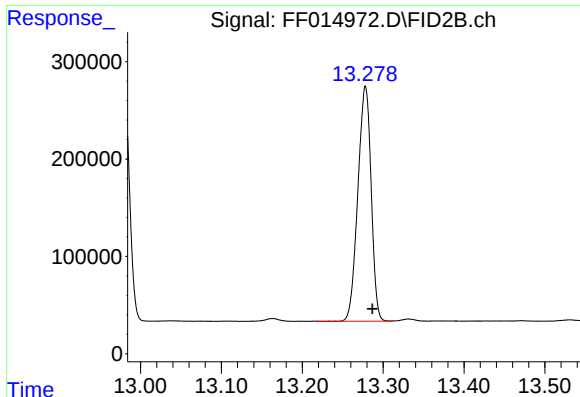
#11 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: -0.008 min
Response: 2976247
Conc: 20.21 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.979 min
Delta R.T.: -0.008 min
Response: 2785054
Conc: 19.93 ug/ml



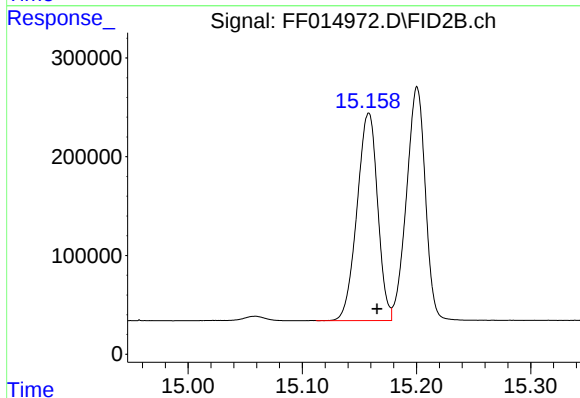
#13 Pyrene (C20.8)

R.T.: 13.278 min
Delta R.T.: -0.009 min
Response: 2752732
Conc: 19.98 ug/ml

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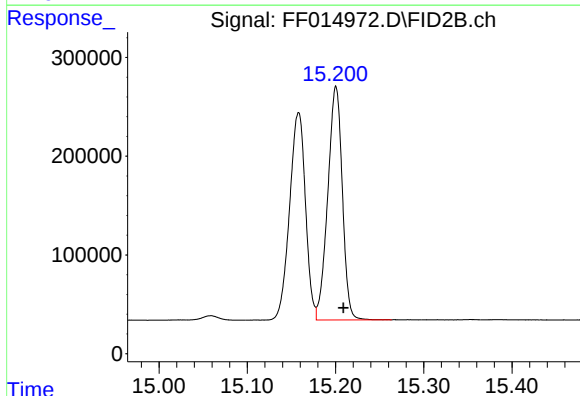
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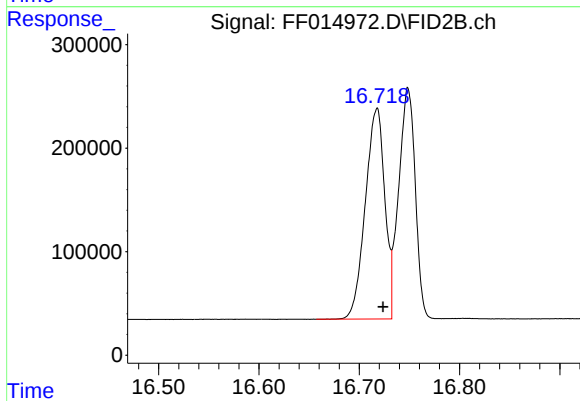
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: -0.007 min
Response: 2634839
Conc: 19.75 ug/ml



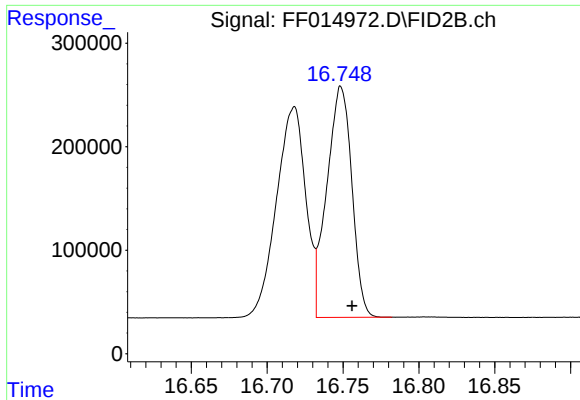
#15 Chrysene (C27.41)

R.T.: 15.200 min
Delta R.T.: -0.008 min
Response: 2711928
Conc: 19.98 ug/ml



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

R.T.: 16.717 min
Delta R.T.: -0.007 min
Response: 2742612
Conc: 19.95 ug/ml



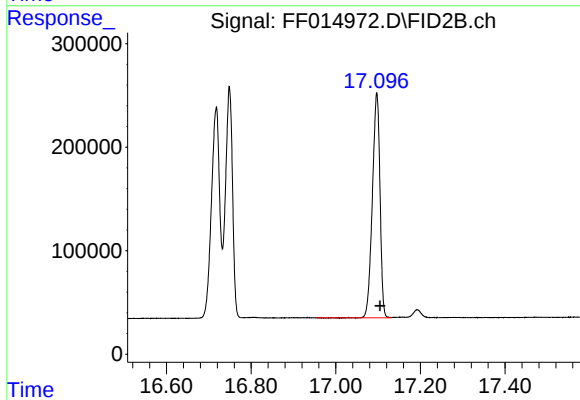
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.749 min
Delta R.T.: -0.007 min
Response: 2563226
Conc: 19.93 ug/ml

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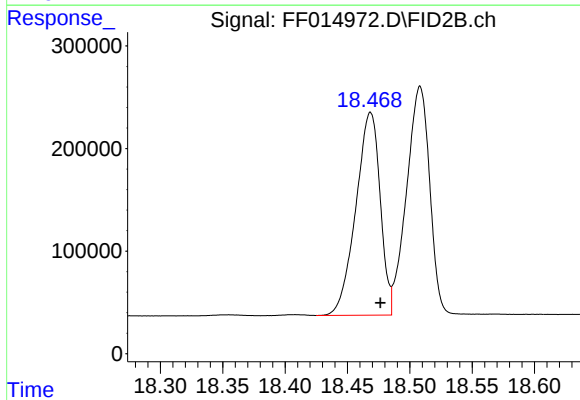
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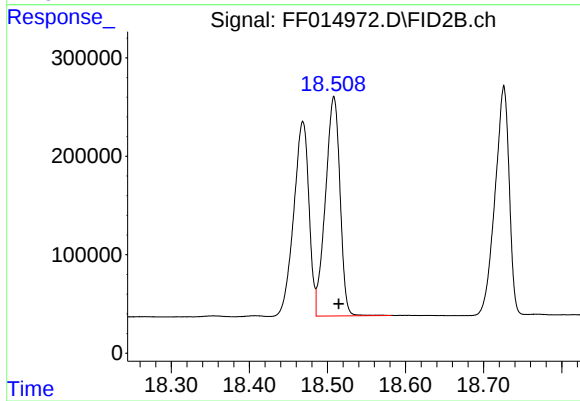
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min
Delta R.T.: -0.008 min
Response: 2699428
Conc: 19.91 ug/ml



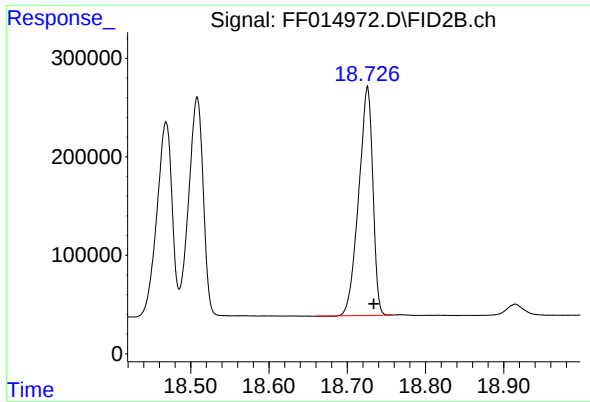
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.468 min
Delta R.T.: -0.008 min
Response: 2681904
Conc: 19.51 ug/ml



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

R.T.: 18.508 min
Delta R.T.: -0.006 min
Response: 2889042
Conc: 19.53 ug/ml



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

R.T.: 18.726 min
Delta R.T.: -0.008 min
Response: 2916505
Conc: 19.93 ug/ml

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