

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015972.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 17:30
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 16 04:31:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 2025
 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...	8.065	10776195	96.566 ug/ml
Spiked Amount 50.000		Recovery =	193.13%
6) S 2-Fluorobiphenyl (SURR)	8.941	7437934	97.070 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.14%#
11) S ortho-Terphenyl (SURR)	12.008	12612114	96.785 ug/ml
Spiked Amount 50.000		Recovery =	193.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.664	11802219	96.738 ug/ml
2) T Naphthalene (C11.7)	6.338	12464962	96.768 ug/ml
3) T 2-Methylnaphthalene (...)	7.438	12641861	96.836 ug/ml
5) T Acenaphthylene (C15.06)	8.743	12482958	96.340 ug/ml
7) T Acenaphthene (C15.5)	9.044	12440145	96.762 ug/ml
8) T Fluorene (C16.55)	9.832	12383042	96.702 ug/ml
9) T Phenanthrene (C19.36)	11.239	12355733	96.964 ug/ml
10) T Anthracene (C19.43)	11.317	12298283	96.683 ug/ml
12) T Fluoranthene (C21.85)	13.062	12345811	96.050 ug/ml
13) T Pyrene (C20.8)	13.363	12328546	96.757 ug/ml
14) T Benzo[a]anthracene (C...	15.242	12044850	97.006 ug/ml
15) T Chrysene (C27.41)	15.291	12159713	96.875 ug/ml
16) T benzo[b]fluoranthene ...	16.803	11976402	97.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.843	11370832	97.578 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.186	11682660	97.118 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.560	10997763	100.996 ug/ml
20) T Dibenz[a,h]anthracene...	18.602	10942837	95.282 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.823	11072891	96.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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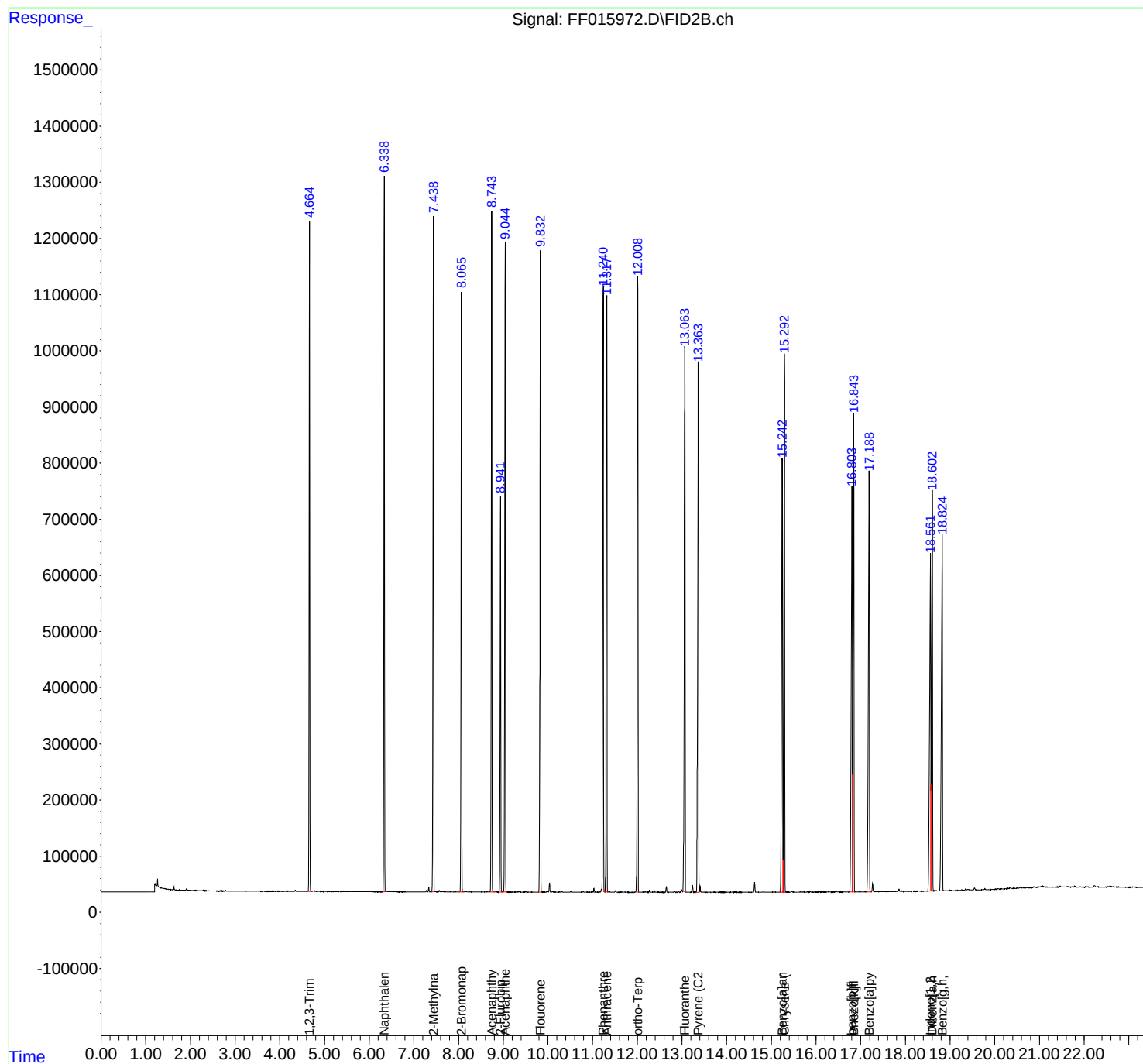
Instrument :
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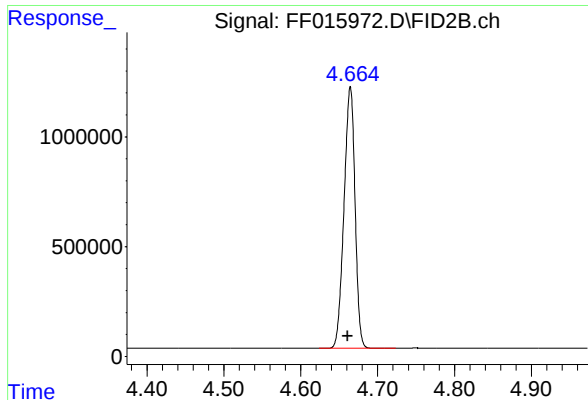
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.664 min
Delta R.T.: 0.003 min
Response: 11802219
Conc: 96.74 ug/ml

Instrument :

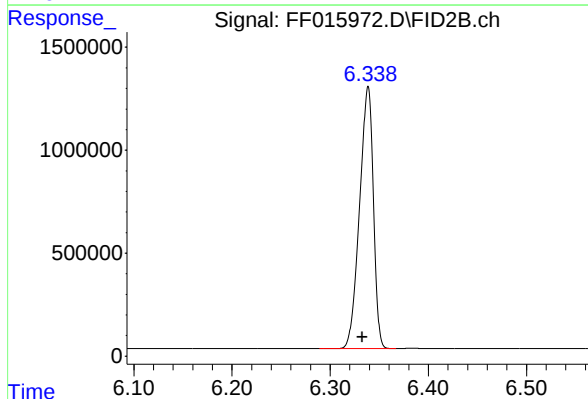
FID_F

ClientSampleId :

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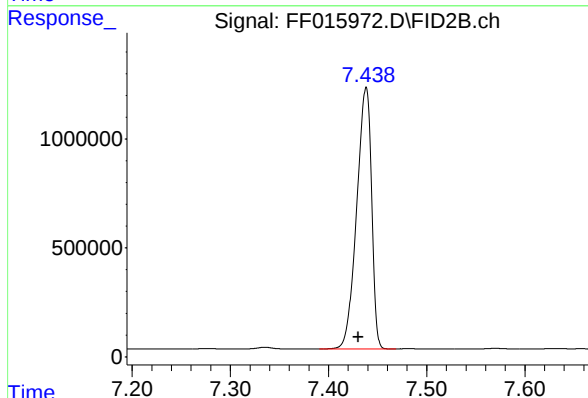
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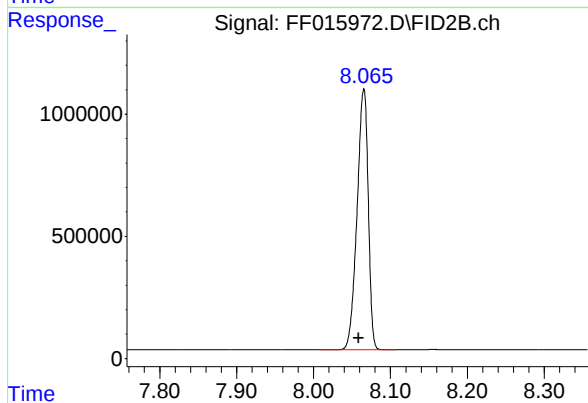
#2 Naphthalene (C11.7)

R.T.: 6.338 min
Delta R.T.: 0.005 min
Response: 12464962
Conc: 96.77 ug/ml



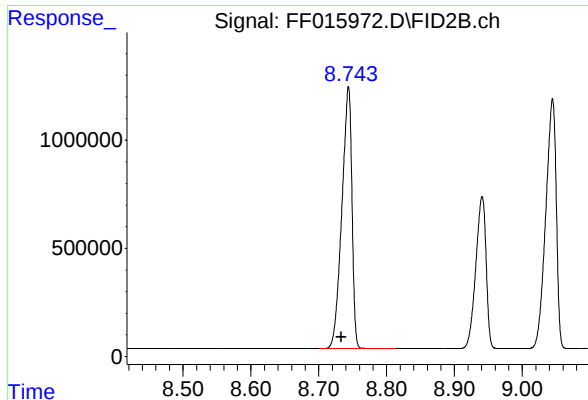
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.438 min
Delta R.T.: 0.008 min
Response: 12641861
Conc: 96.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.065 min
Delta R.T.: 0.006 min
Response: 10776195
Conc: 96.57 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.743 min
Delta R.T.: 0.010 min
Response: 12482958
Conc: 96.34 ug/ml

Instrument :

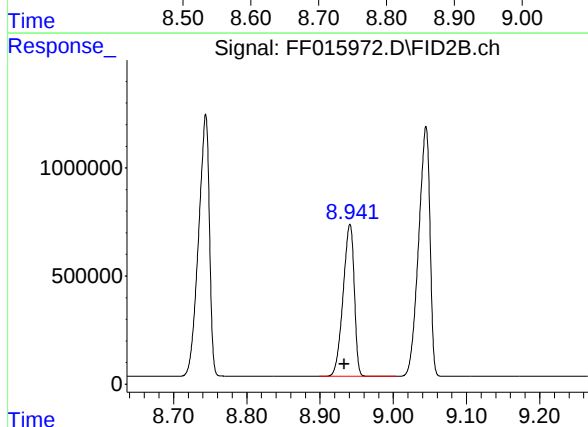
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ClientSampleId :

100 PPM AROMATIC HC STD1

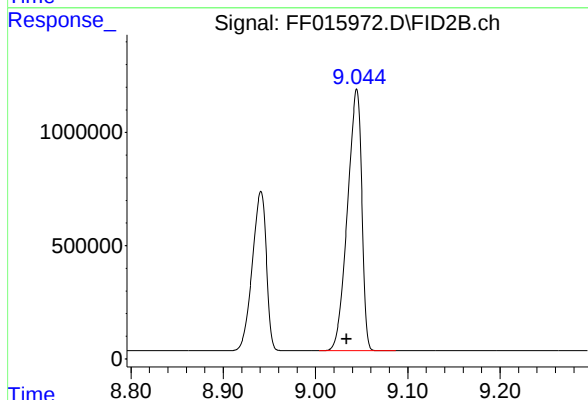
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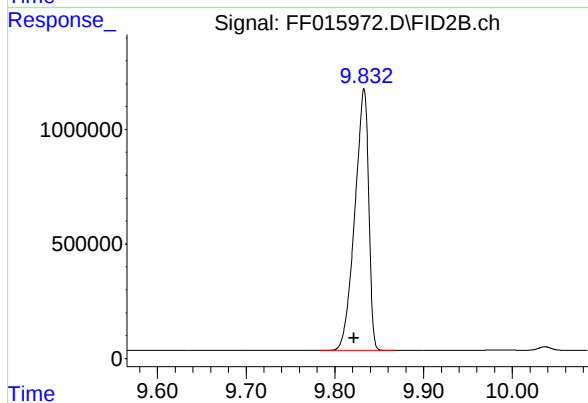
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.941 min
Delta R.T.: 0.007 min
Response: 7437934
Conc: 97.07 ug/ml



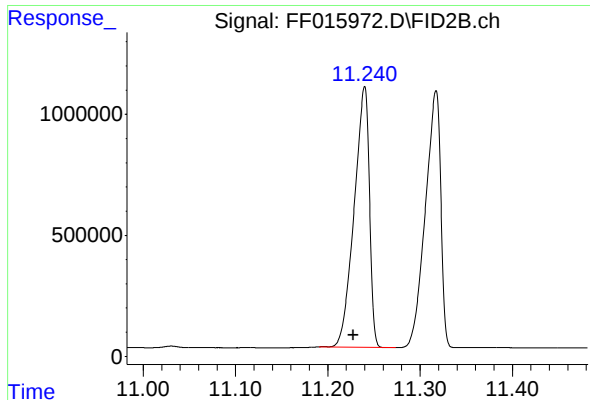
#7 Acenaphthene (C15.5)

R.T.: 9.044 min
Delta R.T.: 0.010 min
Response: 12440145
Conc: 96.76 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.832 min
Delta R.T.: 0.011 min
Response: 12383042
Conc: 96.70 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.239 min
Delta R.T.: 0.011 min
Response: 12355733
Conc: 96.96 ug/ml

Instrument :

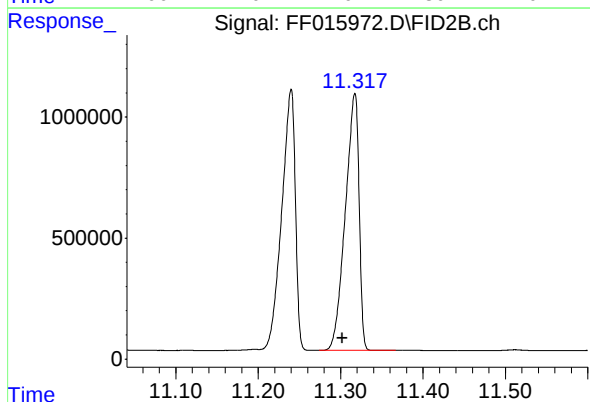
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ClientSampleId :

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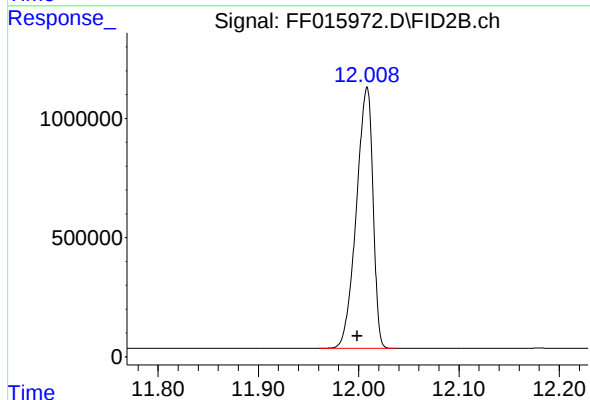
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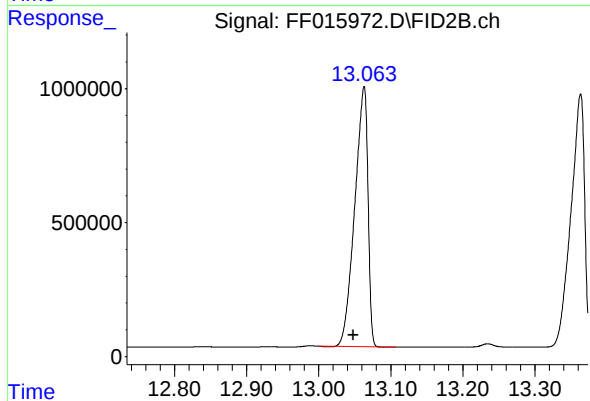
#10 Anthracene (C19.43)

R.T.: 11.317 min
Delta R.T.: 0.014 min
Response: 12298283
Conc: 96.68 ug/ml



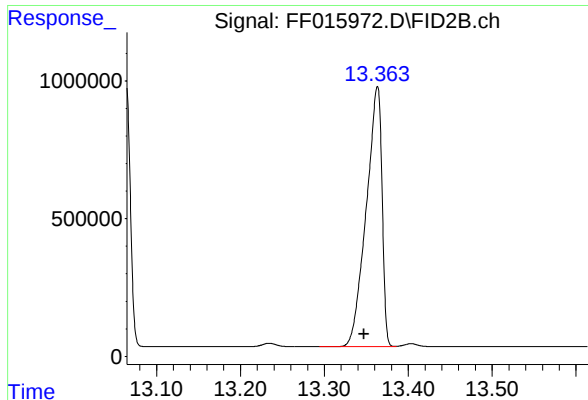
#11 ortho-Terphenyl (SURRE)

R.T.: 12.008 min
Delta R.T.: 0.009 min
Response: 12612114
Conc: 96.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.062 min
Delta R.T.: 0.014 min
Response: 12345811
Conc: 96.05 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.363 min
Delta R.T.: 0.016 min
Response: 12328546
Conc: 96.76 ug/ml

Instrument :

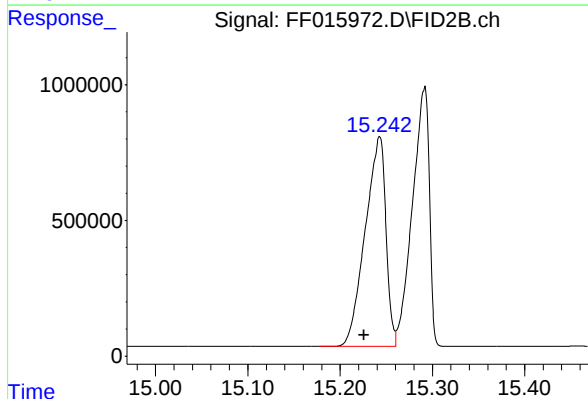
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ClientSampleId :

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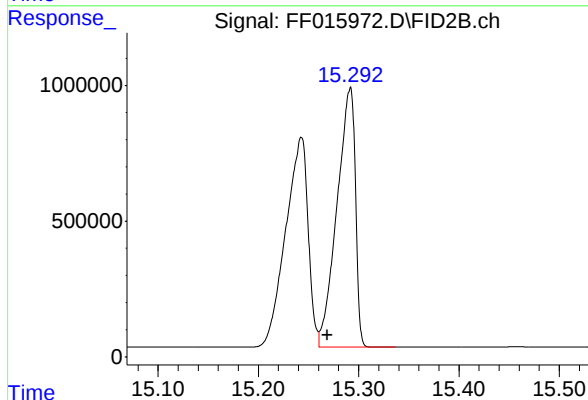
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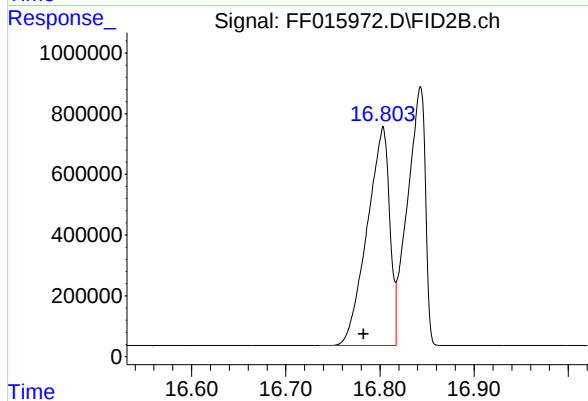
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.242 min
Delta R.T.: 0.016 min
Response: 12044850
Conc: 97.01 ug/ml



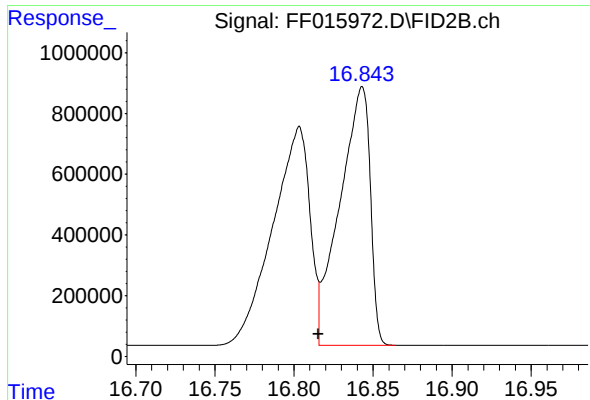
#15 Chrysene (C27.41)

R.T.: 15.291 min
Delta R.T.: 0.022 min
Response: 12159713
Conc: 96.88 ug/ml



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

R.T.: 16.803 min
Delta R.T.: 0.020 min
Response: 11976402
Conc: 97.08 ug/ml



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

R.T.: 16.843 min
Delta R.T.: 0.027 min
Response: 11370832
Conc: 97.58 ug/ml

Instrument :

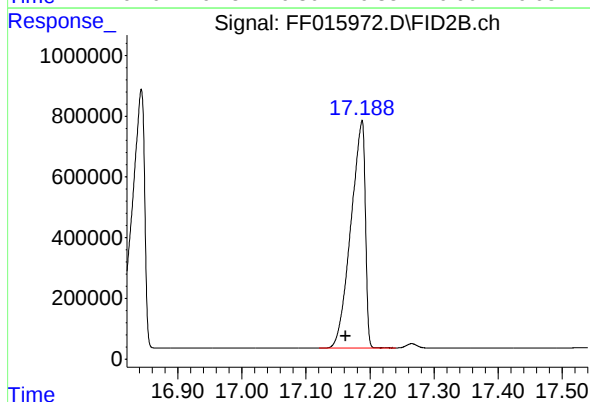
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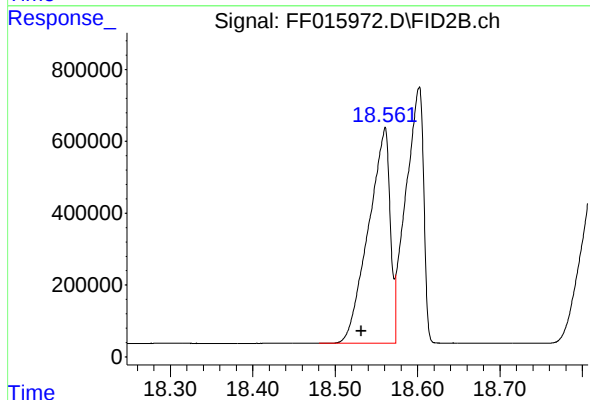
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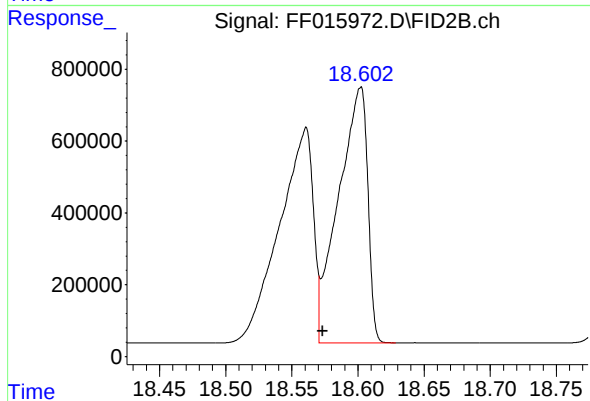
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.186 min
Delta R.T.: 0.024 min
Response: 11682660
Conc: 97.12 ug/ml



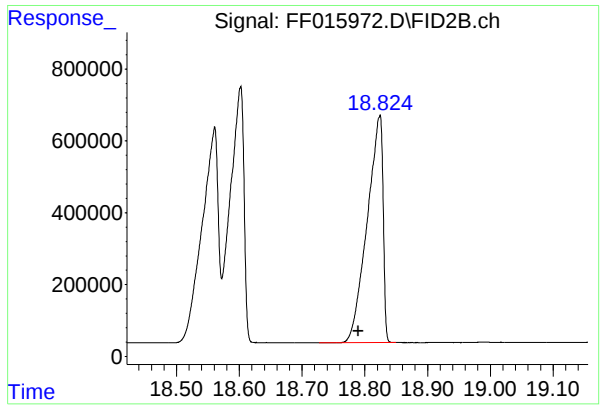
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.560 min
Delta R.T.: 0.028 min
Response: 10997763
Conc: 101.00 ug/ml



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

R.T.: 18.602 min
Delta R.T.: 0.029 min
Response: 10942837
Conc: 95.28 ug/ml m



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

R.T.: 18.823 min
Delta R.T.: 0.033 min
Response: 11072891
Conc: 96.59 ug/ml

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