

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049077.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 16:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/11/2025
 Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
 Quant Time: Feb 10 18:23:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 16:27:29 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...	7.352	2822907	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
6) S 2-Fluorobiphenyl (SURR)	8.203	1781261	20.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.52%
11) S ortho-Terphenyl (SURR)	11.233	3178458	19.647 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3134755	19.684 ug/ml
2) T Naphthalene (C11.7)	5.693	3146803	19.818 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3087751	19.832 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3188327	19.608 ug/ml
7) T Acenaphthene (C15.5)	8.296	3203234	19.472 ug/ml
8) T Fluorene (C16.55)	9.076	3106009	19.702 ug/ml
9) T Phenanthrene (C19.36)	10.462	2995357	19.876 ug/ml
10) T Anthracene (C19.43)	10.539	3001671	19.875 ug/ml
12) T Fluoranthene (C21.85)	12.266	3059686	19.828 ug/ml
13) T Pyrene (C20.8)	12.559	3015618	19.575 ug/ml
14) T Benzo[a]anthracene (C...	14.428	2707067	20.603 ug/ml
15) T Chrysene (C27.41)	14.470	3142097	19.433 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2807062	20.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.007	3031459	19.193 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2694826	19.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2162922	19.793 ug/mlm
20) T Dibenz[a,h]anthracene...	17.759	3098291	19.971 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	2849147	19.656 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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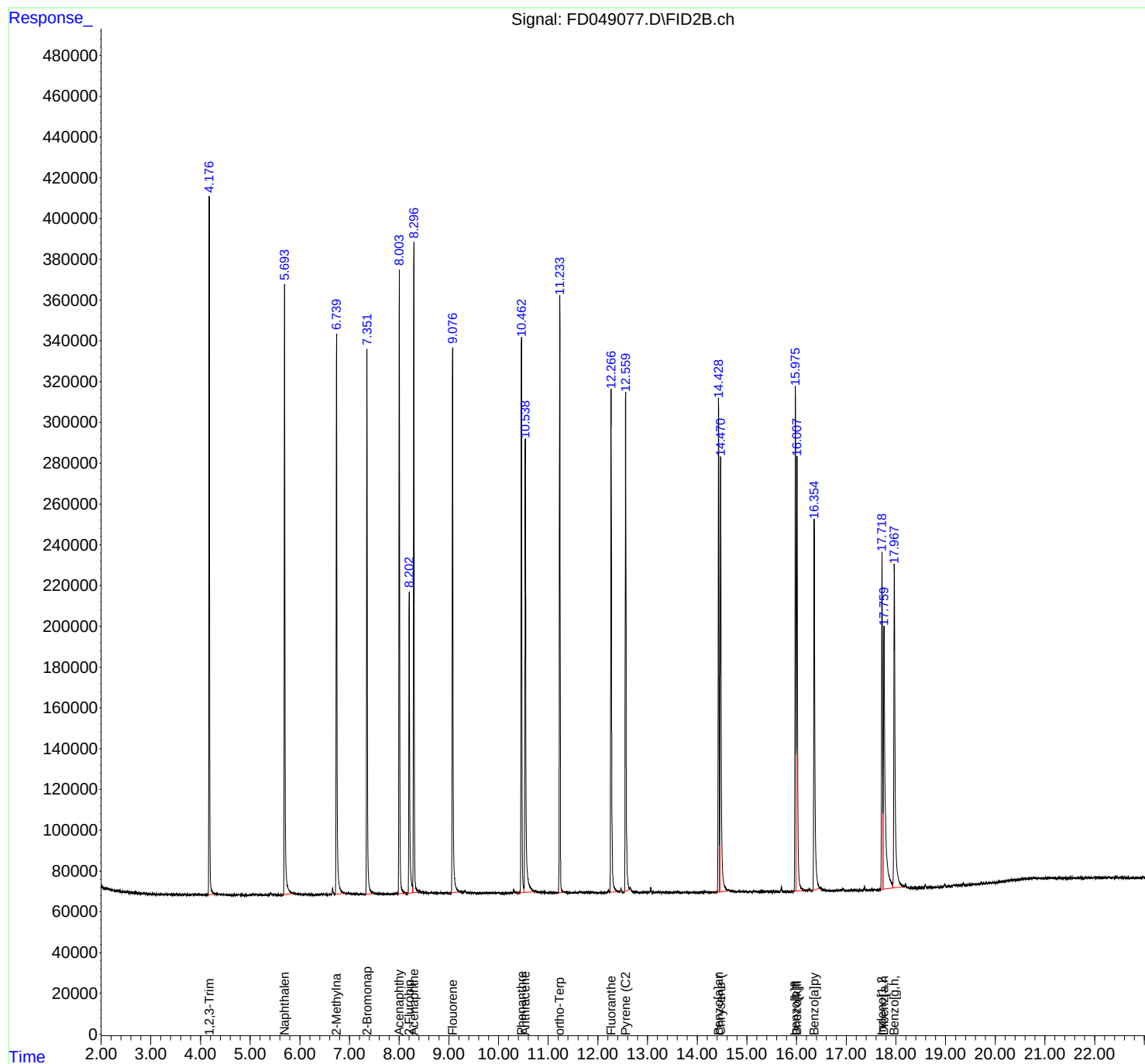
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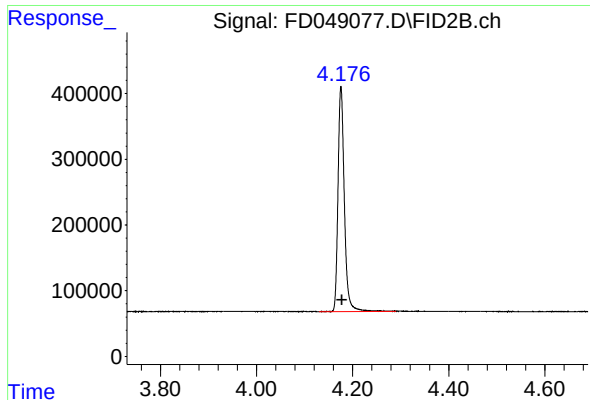
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.176 min
Delta R.T.: -0.002 min
Response: 3134755
Conc: 19.68 ug/ml

Instrument :

FID_D

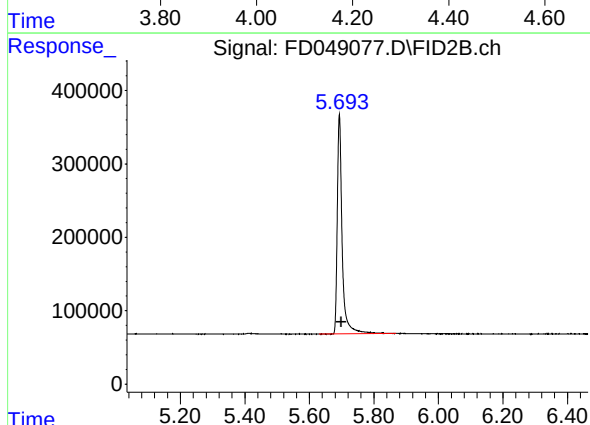
ClientSampleId :

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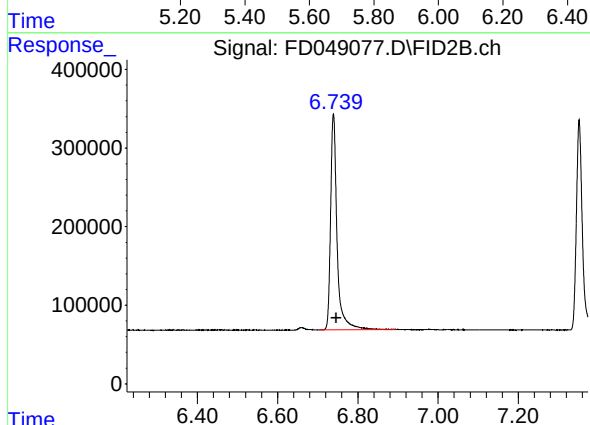
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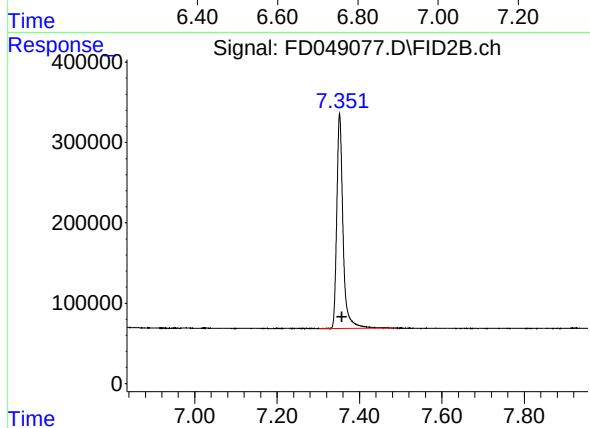
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 3146803
Conc: 19.82 ug/ml



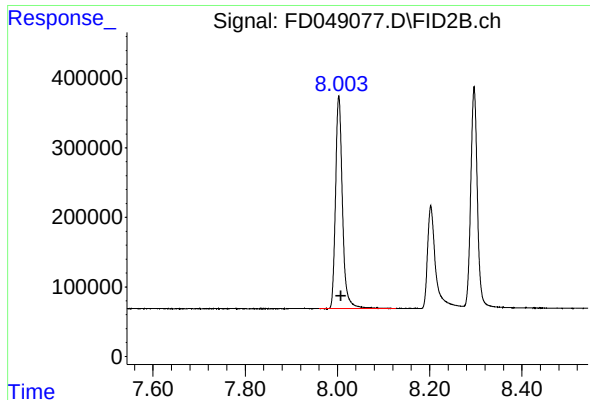
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.007 min
Response: 3087751
Conc: 19.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 2822907
Conc: 19.73 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.004 min
Response: 3188327
Conc: 19.61 ug/ml

Instrument :

FID_D

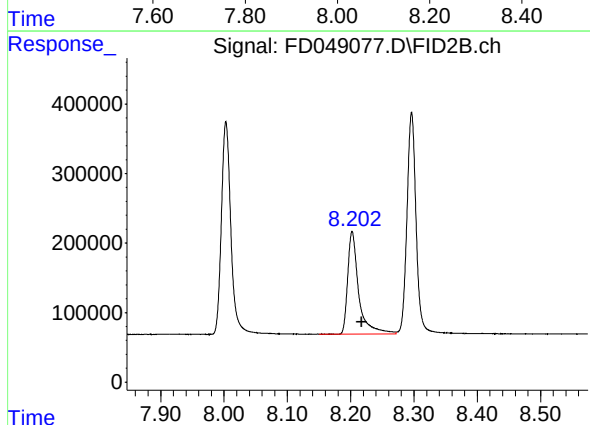
ClientSampleId :

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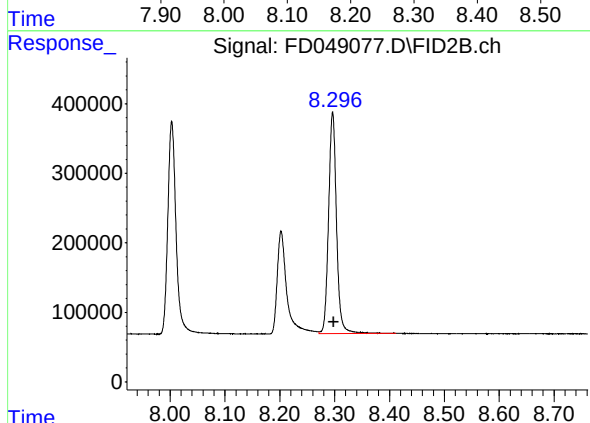
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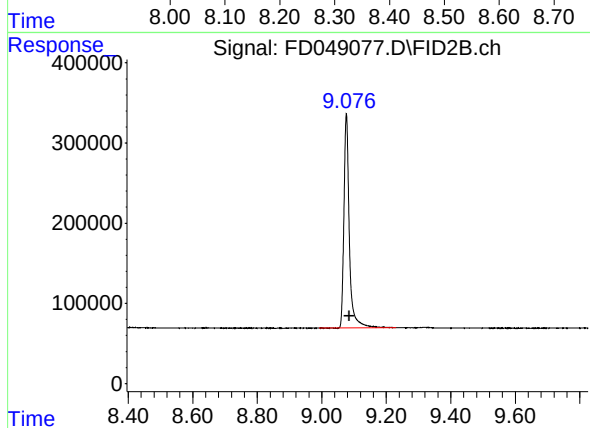
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.015 min
Response: 1781261
Conc: 20.26 ug/ml



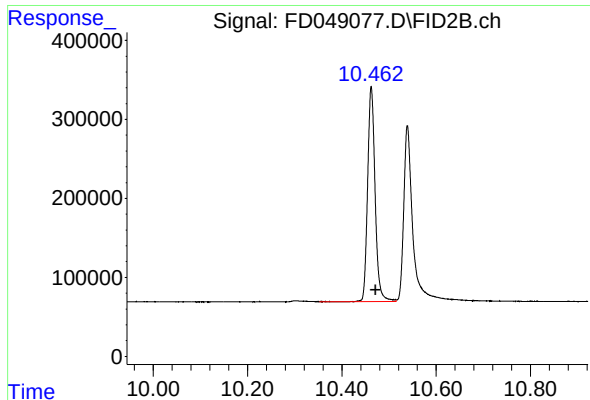
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.002 min
Response: 3203234
Conc: 19.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 3106009
Conc: 19.70 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.009 min
Response: 2995357
Conc: 19.88 ug/ml

Instrument :

FID_D

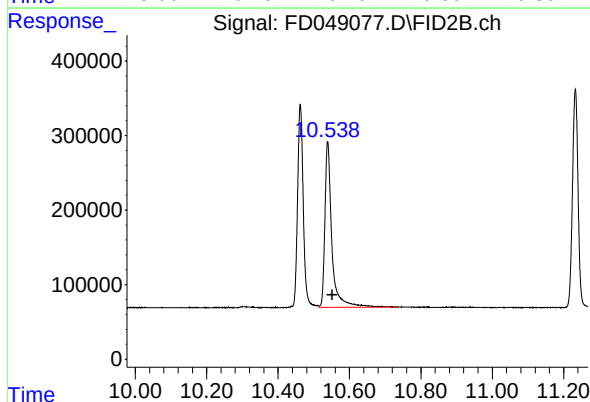
ClientSampleId :

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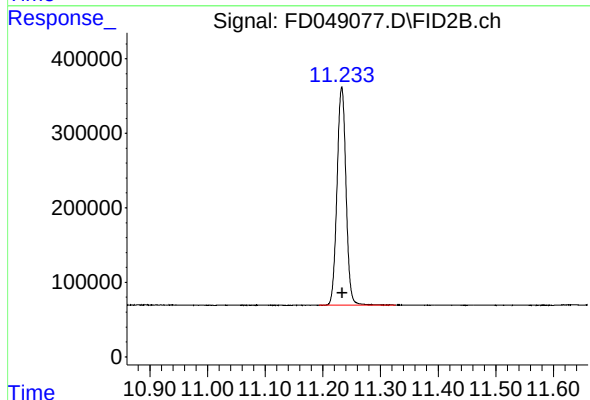
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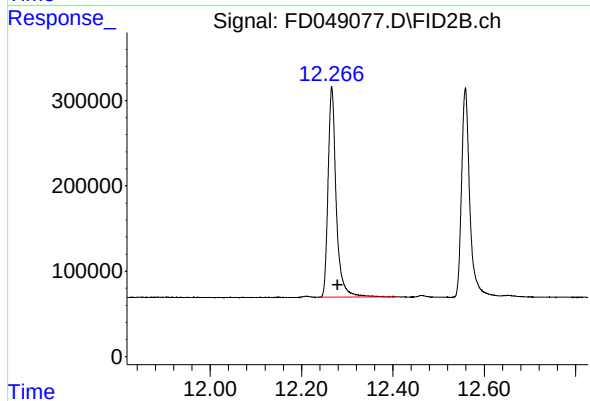
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: -0.013 min
Response: 3001671
Conc: 19.87 ug/ml



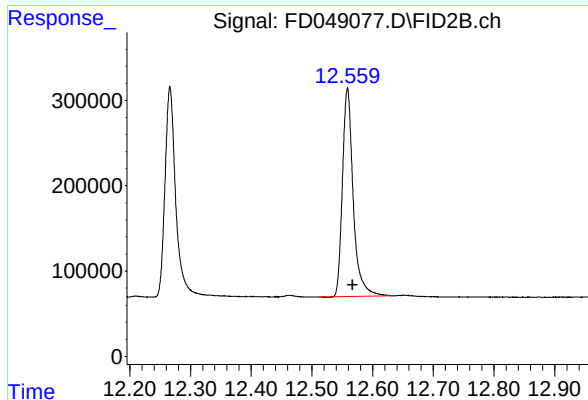
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.001 min
Response: 3178458
Conc: 19.65 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.266 min
Delta R.T.: -0.013 min
Response: 3059686
Conc: 19.83 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.008 min
Response: 3015618
Conc: 19.57 ug/ml

Instrument :

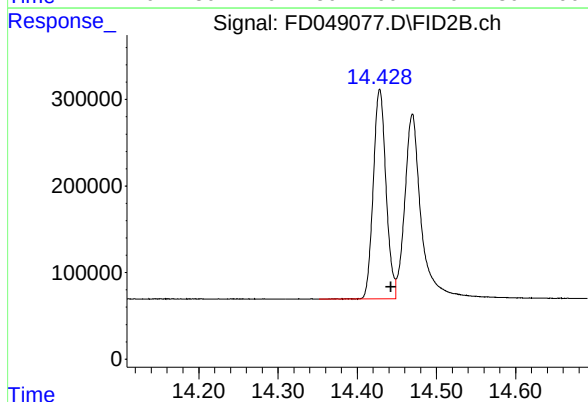
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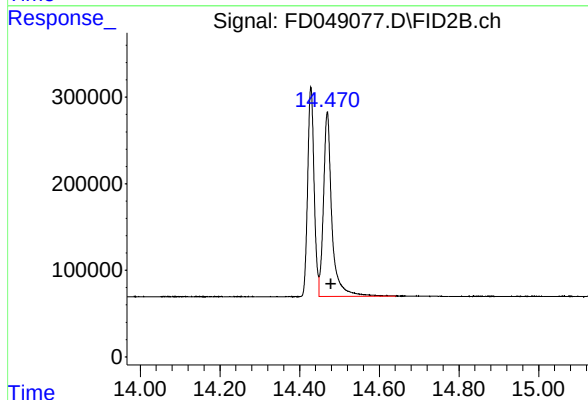
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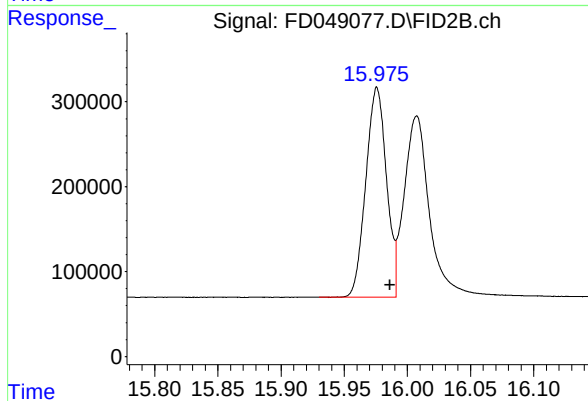
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.014 min
Response: 2707067
Conc: 20.60 ug/ml



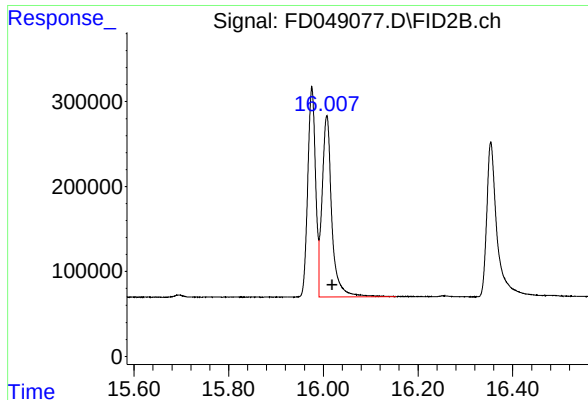
#15 Chrysene (C27.41)

R.T.: 14.470 min
Delta R.T.: -0.009 min
Response: 3142097
Conc: 19.43 ug/ml



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

R.T.: 15.976 min
Delta R.T.: -0.010 min
Response: 2807062
Conc: 20.40 ug/ml



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

R.T.: 16.007 min
Delta R.T.: -0.012 min
Response: 3031459
Conc: 19.19 ug/ml

Instrument :

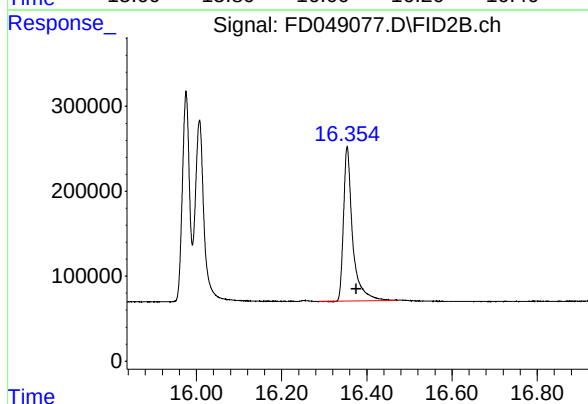
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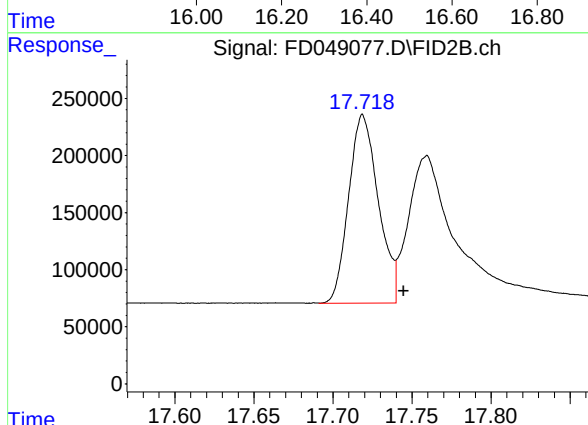
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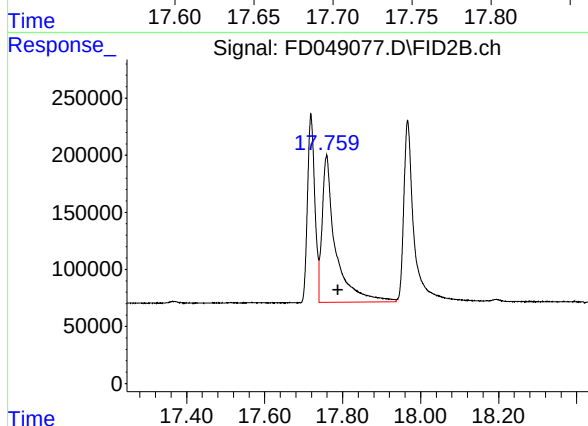
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.022 min
Response: 2694826
Conc: 19.85 ug/ml



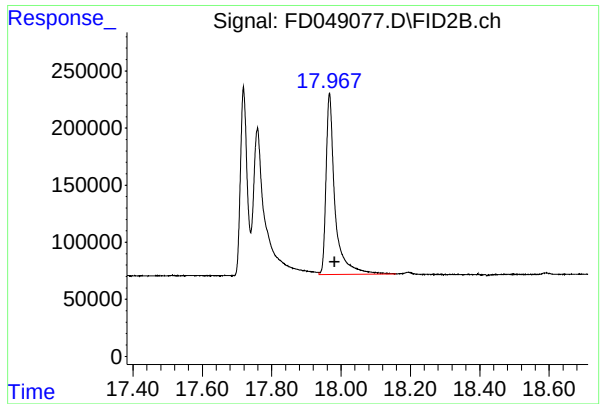
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.026 min
Response: 2162922
Conc: 19.79 ug/ml m



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

R.T.: 17.759 min
Delta R.T.: -0.029 min
Response: 3098291
Conc: 19.97 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.015 min
Response: 2849147
Conc: 19.66 ug/ml

Instrument :

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