

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AR\
 Data File : FD039957.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 15:38
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: sample.E
 Quant Time: Dec 17 00:16:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.879	2582912	18.167 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
6) S 2-Fluorobiphenyl (SURR)	7.733	1755543	17.869 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.74%
11) S ortho-Terphenyl (SURR)	10.774	2695904	17.709 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.719	2793108	18.443 ug/mlm
2) T Naphthalene (C11.7)	5.224	2928725	18.223 ug/ml
3) T 2-Methylnaphthalene (...)	6.269	2941587	18.104 ug/ml
5) T Acenaphthylene (C15.06)	7.538	2681196	17.923 ug/ml
7) T Acenaphthene (C15.5)	7.833	2844979	17.906 ug/ml
8) T Flouorene (C16.55)	8.611	2806394	17.836 ug/ml
9) T Phenanthrene (C19.36)	10.001	2728878	17.587 ug/mlm
10) T Anthracene (C19.43)	10.075	2571366	17.227 ug/ml
12) T Fluoranthene (C21.85)	11.809	2672175	17.470 ug/mlm
13) T Pyrene (C20.8)	12.104	2597679	17.427 ug/mlm
14) T Benzo[a]anthracene (C...	13.973	2376589	17.614 ug/mlm
15) T Chrysene (C27.41)	14.015	2481866	17.650 ug/ml
16) T benzo[b]fluoranthene ...	15.518	2417027	18.017 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.552	2408721	17.802 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.895	2333124	17.994 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.259	2259311	18.447 ug/mlm
20) T Dibenz[a,h]anthracene...	17.301	2332941	19.027 ug/ml
21) T Benzo[g,h,i]perylene ...	17.511	2314407	18.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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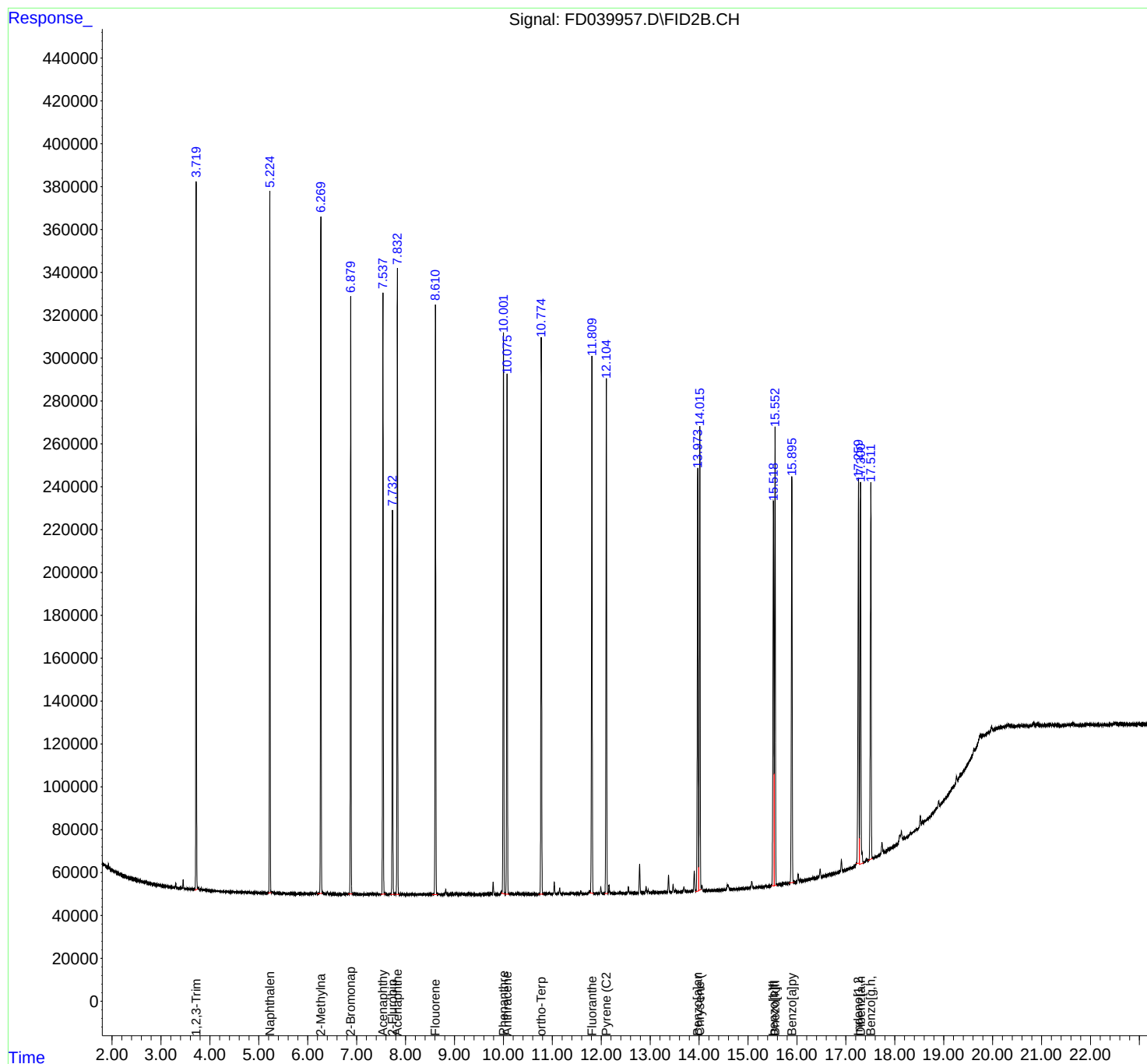
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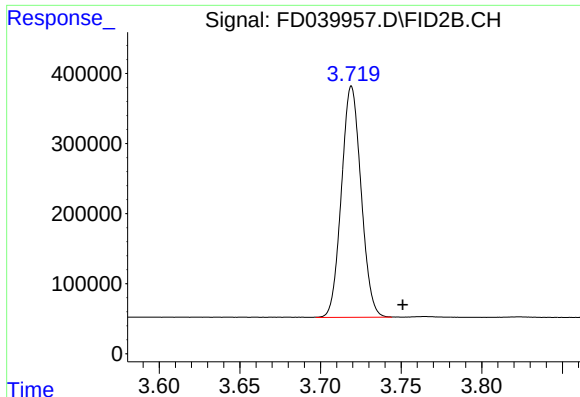
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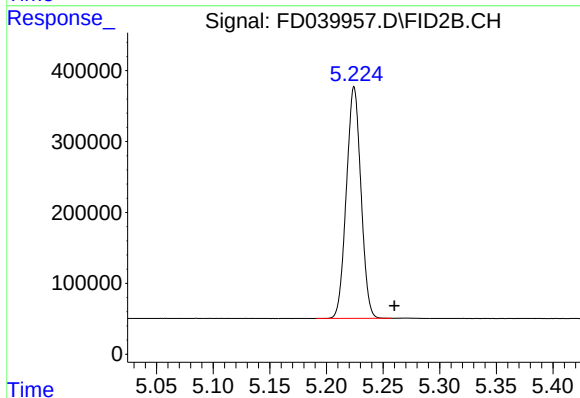
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.719 min
Delta R.T.: -0.032 min
Response: 2793108
Conc: 18.44 ug/ml

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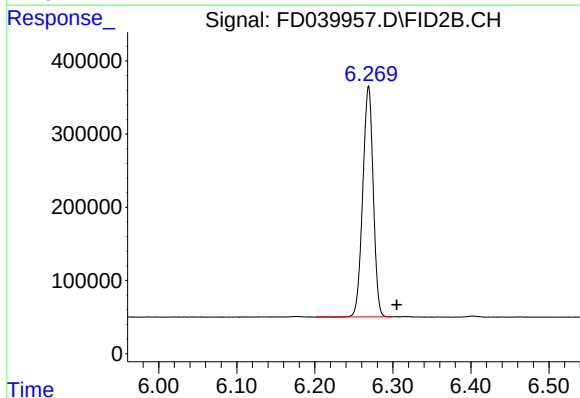
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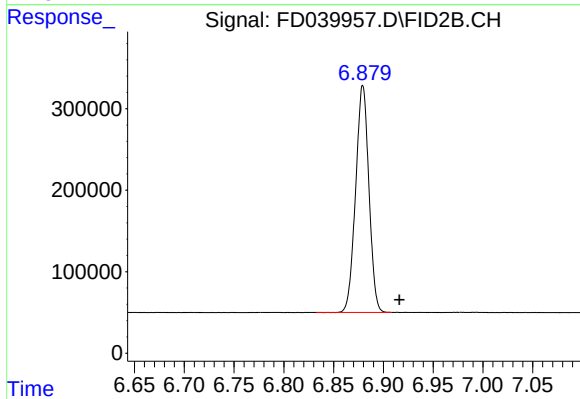
#2 Naphthalene (C11.7)

R.T.: 5.224 min
Delta R.T.: -0.036 min
Response: 2928725
Conc: 18.22 ug/ml



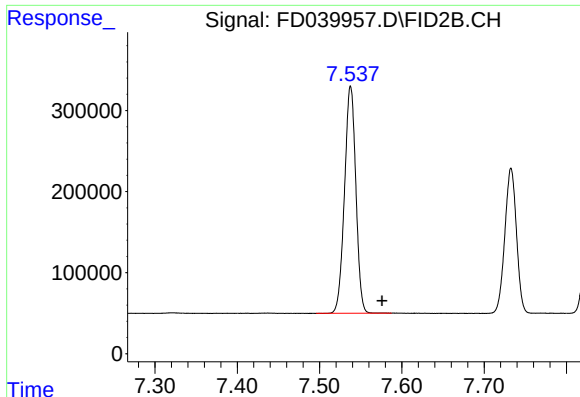
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.269 min
Delta R.T.: -0.036 min
Response: 2941587
Conc: 18.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.879 min
Delta R.T.: -0.037 min
Response: 2582912
Conc: 18.17 ug/ml



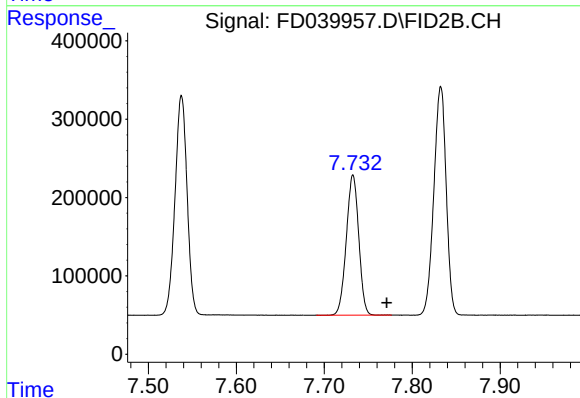
#5 Acenaphthylene (C15.06)

R.T.: 7.538 min
Delta R.T.: -0.038 min
Response: 2681196
Conc: 17.92 ug/ml

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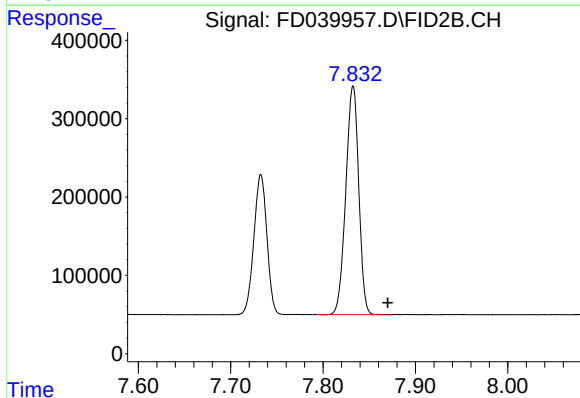
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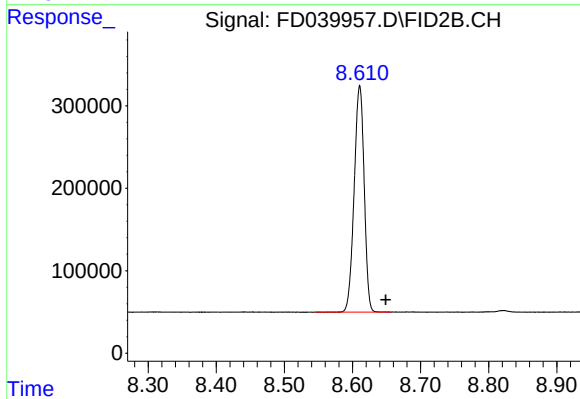
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.733 min
Delta R.T.: -0.038 min
Response: 1755543
Conc: 17.87 ug/ml



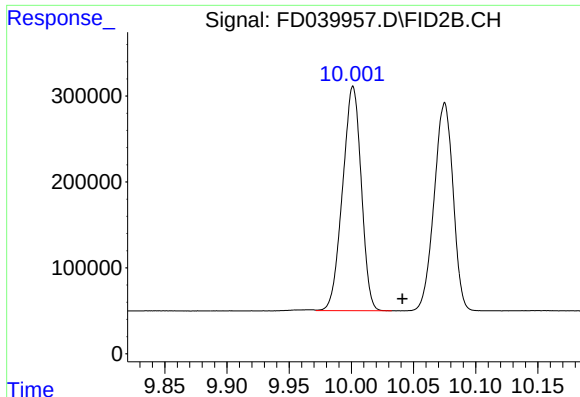
#7 Acenaphthene (C15.5)

R.T.: 7.833 min
Delta R.T.: -0.037 min
Response: 2844979
Conc: 17.91 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.611 min
Delta R.T.: -0.038 min
Response: 2806394
Conc: 17.84 ug/ml



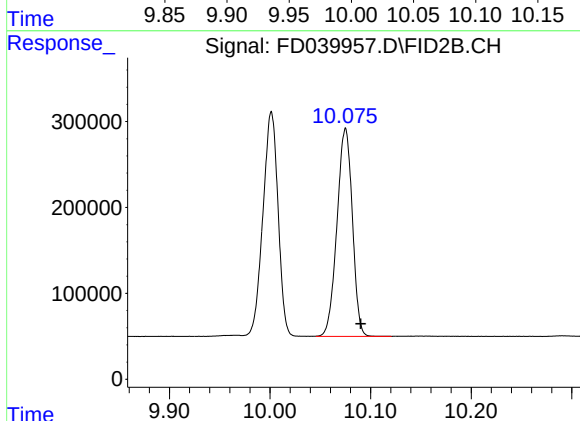
#9 Phenanthrene (C19.36)

R.T.: 10.001 min
Delta R.T.: -0.040 min
Response: 2728878
Conc: 17.59 ug/ml

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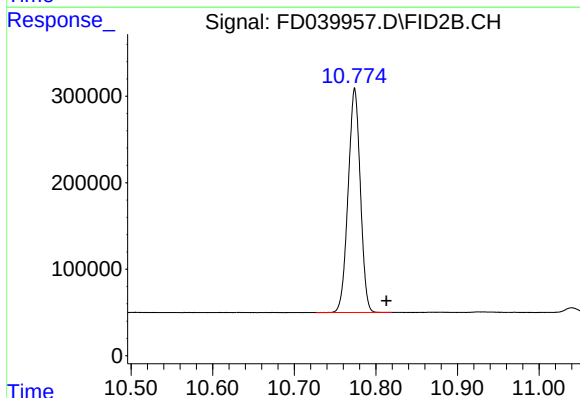
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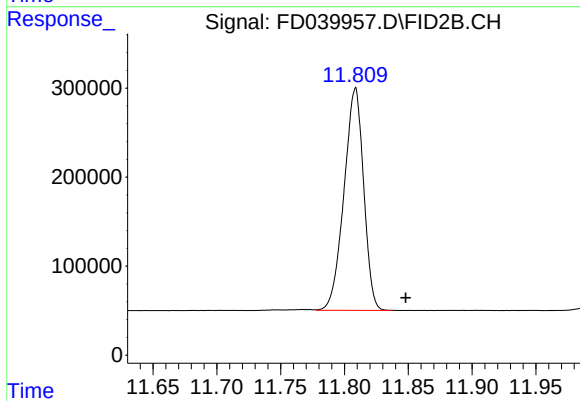
#10 Anthracene (C19.43)

R.T.: 10.075 min
Delta R.T.: -0.015 min
Response: 2571366
Conc: 17.23 ug/ml



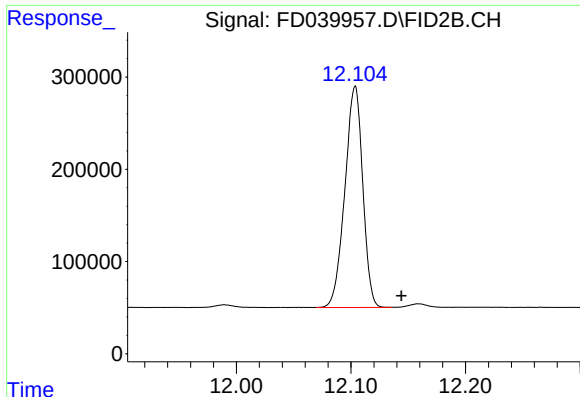
#11 ortho-Terphenyl (SURR)

R.T.: 10.774 min
Delta R.T.: -0.039 min
Response: 2695904
Conc: 17.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.809 min
Delta R.T.: -0.039 min
Response: 2672175
Conc: 17.47 ug/ml m



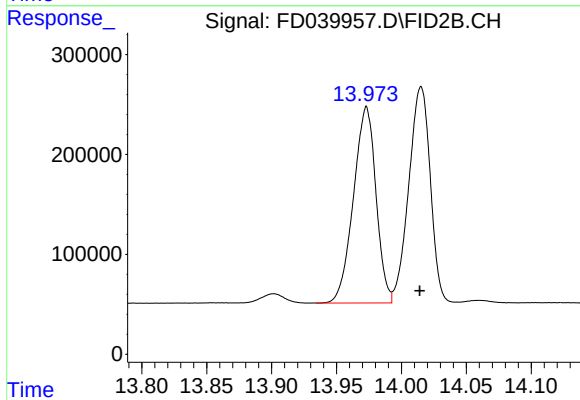
#13 Pyrene (C20.8)

R.T.: 12.104 min
Delta R.T.: -0.040 min
Response: 2597679
Conc: 17.43 ug/ml

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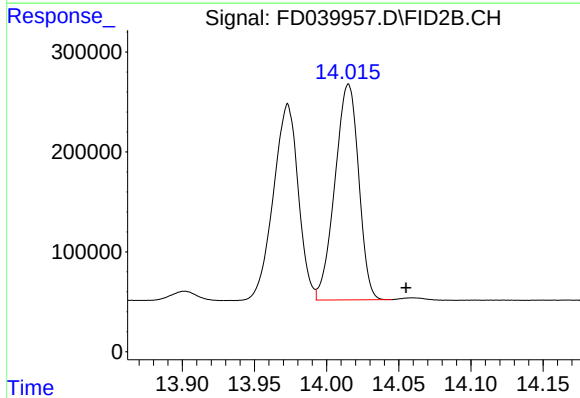
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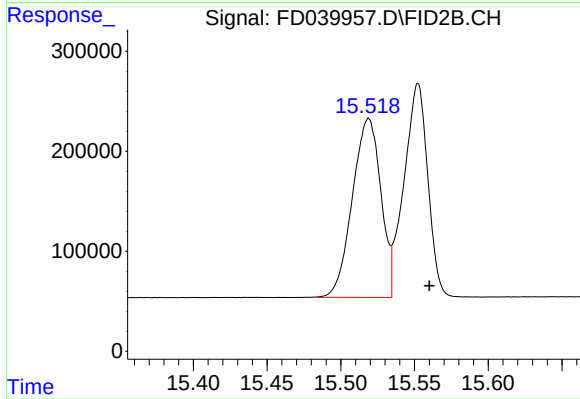
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.973 min
Delta R.T.: -0.041 min
Response: 2376589
Conc: 17.61 ug/ml m



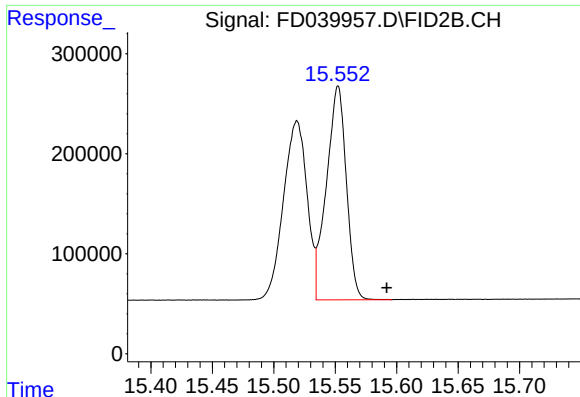
#15 Chrysene (C27.41)

R.T.: 14.015 min
Delta R.T.: -0.040 min
Response: 2481866
Conc: 17.65 ug/ml



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

R.T.: 15.518 min
Delta R.T.: -0.042 min
Response: 2417027
Conc: 18.02 ug/ml m



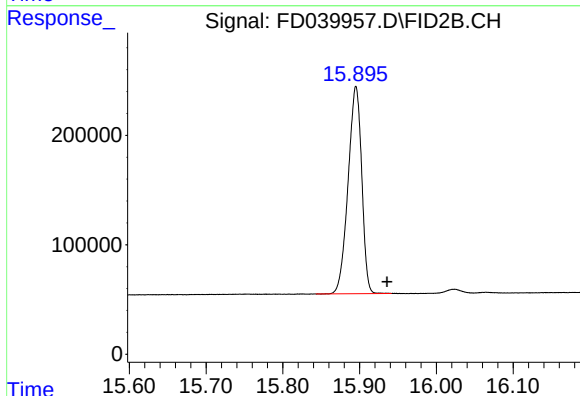
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.552 min
Delta R.T.: -0.040 min
Response: 2408721
Conc: 17.80 ug/ml

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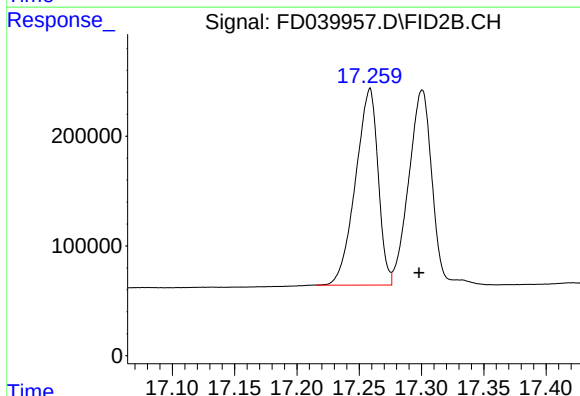
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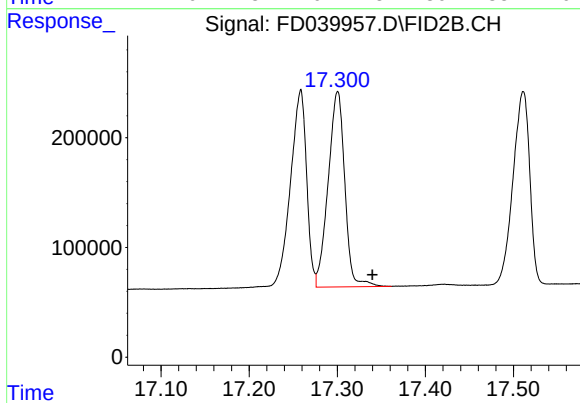
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.895 min
Delta R.T.: -0.041 min
Response: 2333124
Conc: 17.99 ug/ml



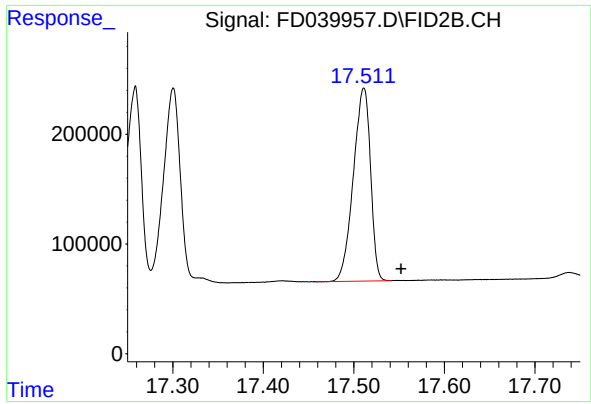
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.259 min
Delta R.T.: -0.039 min
Response: 2259311
Conc: 18.45 ug/ml m



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

R.T.: 17.301 min
Delta R.T.: -0.039 min
Response: 2332941
Conc: 19.03 ug/ml



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

R.T.: 17.511 min
Delta R.T.: -0.041 min
Response: 2314407
Conc: 18.53 ug/ml

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