

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061622AR\
 Data File : FD042934.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jun 2022 9:00
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2022
 Supervised By :Ankita Jodhani 06/17/2022

Integration File: sample.E
 Quant Time: Jun 16 09:26:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.654	3105033	20.319 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
6) S 2-Fluorobiphenyl (SURR)	8.518	2027880	19.718 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.44%
11) S ortho-Terphenyl (SURR)	11.567	3358749	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.446	3516014	21.000 ug/ml
2) T Naphthalene (C11.7)	5.989	3593262	20.783 ug/ml
3) T 2-Methylnaphthalene (...)	7.043	3268051	20.493 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3390114	19.622 ug/mlm
7) T Acenaphthene (C15.5)	8.618	3393913	19.724 ug/ml
8) T Flouorene (C16.55)	9.400	3282960	19.555 ug/ml
9) T Phenanthrene (C19.36)	10.799	3080759	18.735 ug/ml
10) T Anthracene (C19.43)	10.873	2893938	18.934 ug/ml
12) T Fluoranthene (C21.85)	12.613	2854613	18.119 ug/ml
13) T Pyrene (C20.8)	12.910	2806050	18.024 ug/ml
14) T Benzo[a]anthracene (C...	14.785	2713248	20.349 ug/ml
15) T Chrysene (C27.41)	14.827	2688258	20.347 ug/ml
16) T benzo[b]fluoranthene ...	16.337	2873626	21.571 ug/ml
17) T Bnezo[k]fluoranthene ...	16.369	2715253	21.922 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	2749775	22.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.081	2572226	23.077 ug/ml
20) T Dibenz[a,h]anthracene...	18.122	2752680	24.746 ug/ml
21) T Benzo[g,h,i]perylene ...	18.337	2734885	23.010 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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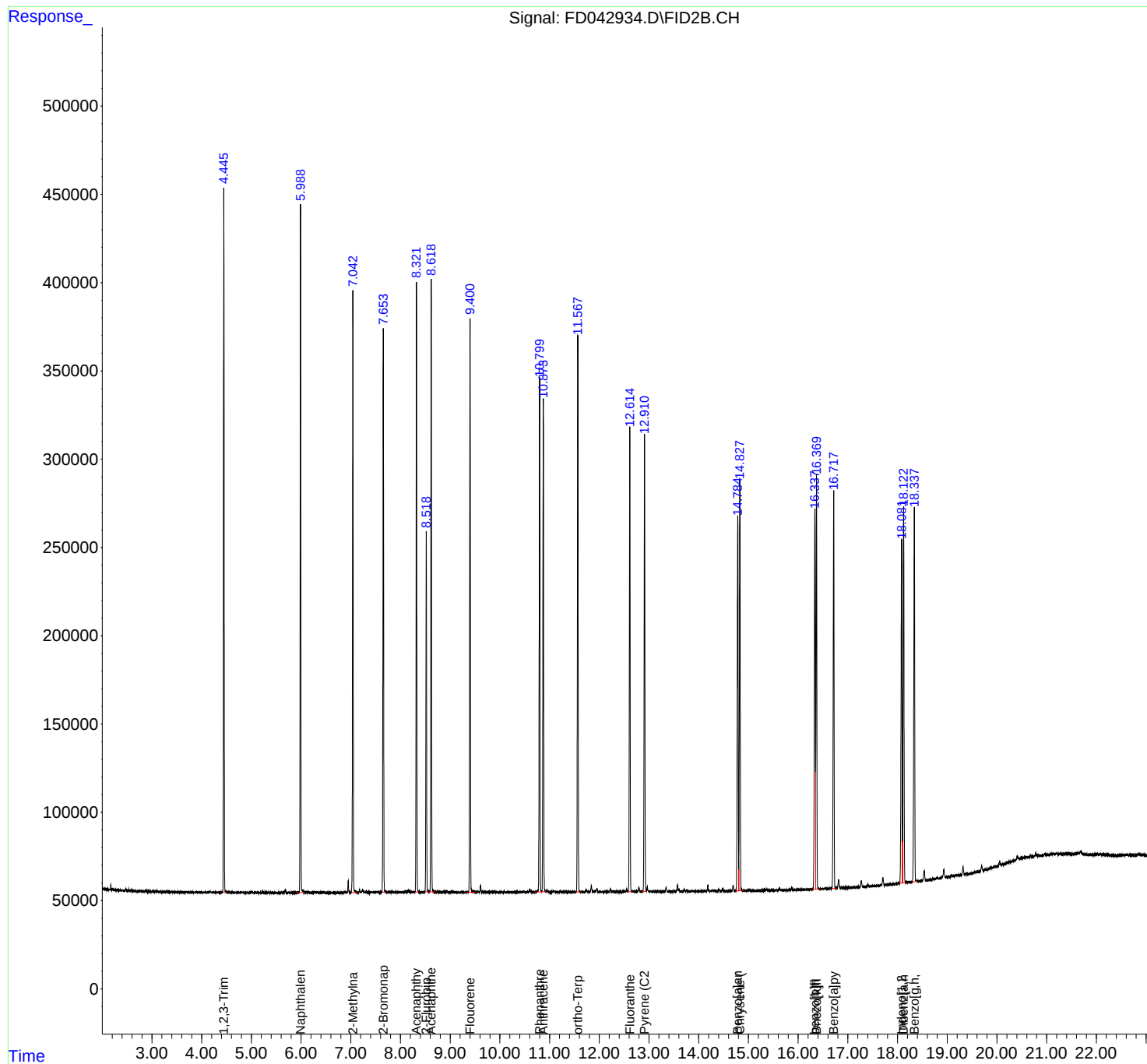
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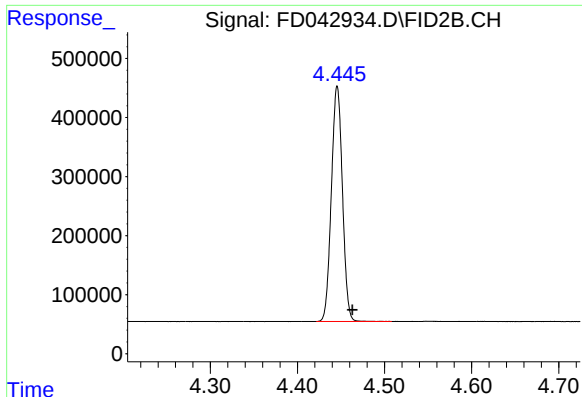
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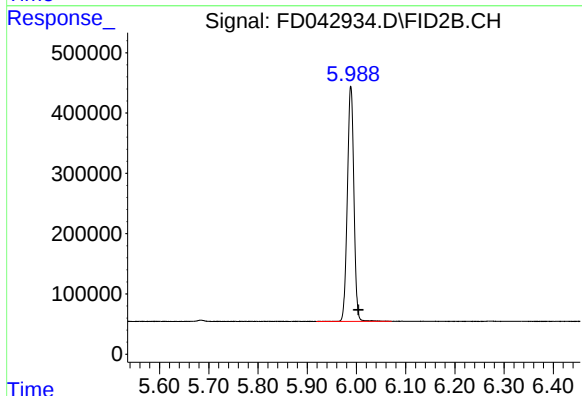
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.446 min
Delta R.T.: -0.017 min
Response: 3516014
Conc: 21.00 ug/ml

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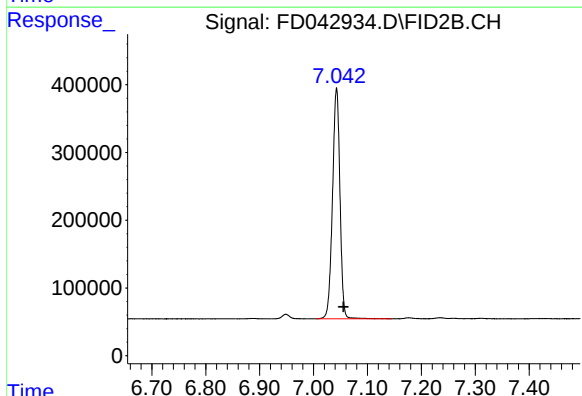
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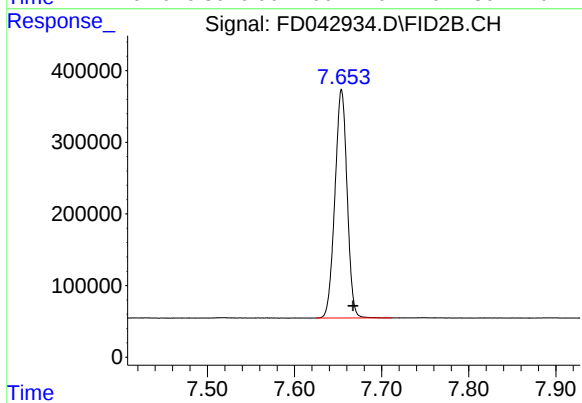
#2 Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.015 min
Response: 3593262
Conc: 20.78 ug/ml



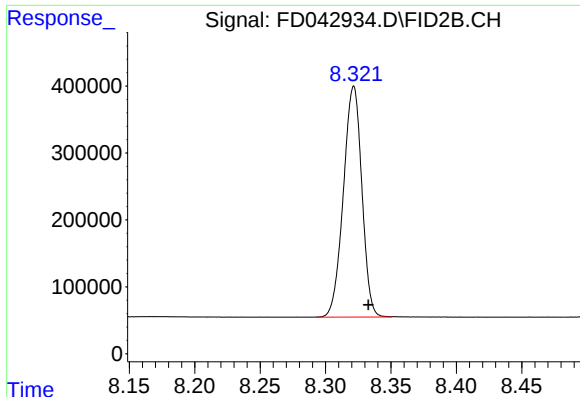
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.043 min
Delta R.T.: -0.013 min
Response: 3268051
Conc: 20.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.654 min
Delta R.T.: -0.013 min
Response: 3105033
Conc: 20.32 ug/ml



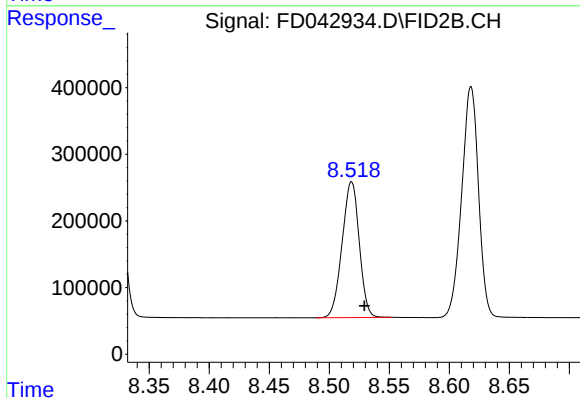
#5 Acenaphthylene (C15.06)

R.T.: 8.321 min
Delta R.T.: -0.011 min
Response: 3390114
Conc: 19.62 ug/ml

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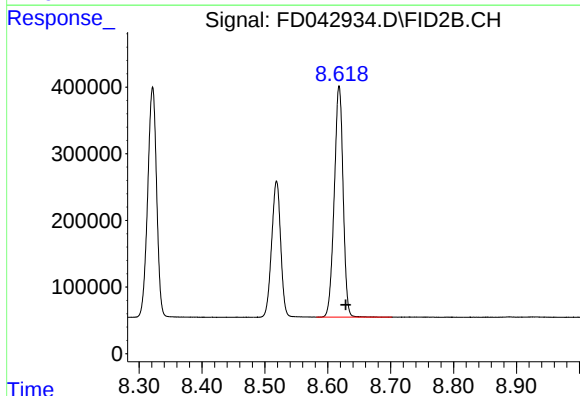
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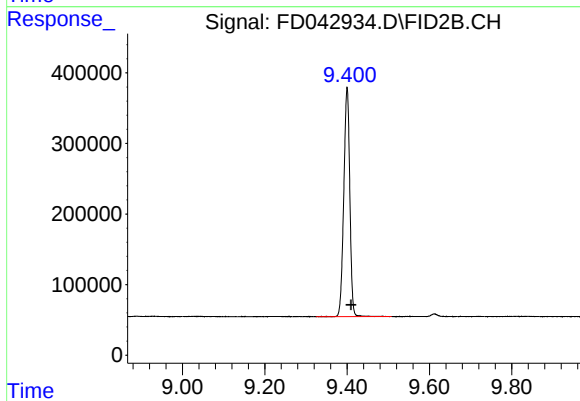
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: -0.011 min
Response: 2027880
Conc: 19.72 ug/ml m



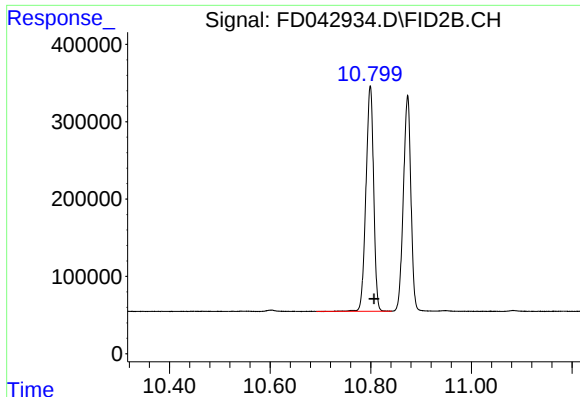
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: -0.011 min
Response: 3393913
Conc: 19.72 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.400 min
Delta R.T.: -0.010 min
Response: 3282960
Conc: 19.56 ug/ml



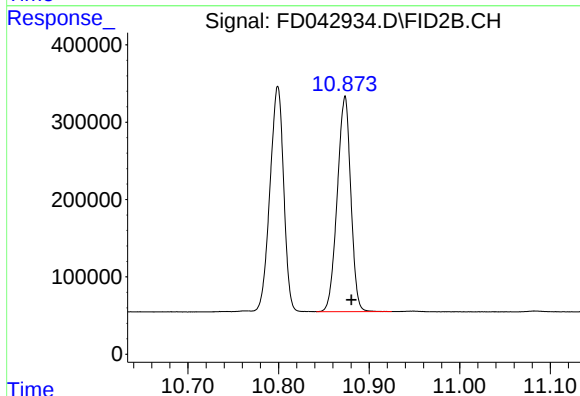
#9 Phenanthrene (C19.36)

R.T.: 10.799 min
Delta R.T.: -0.008 min
Response: 3080759
Conc: 18.73 ug/ml

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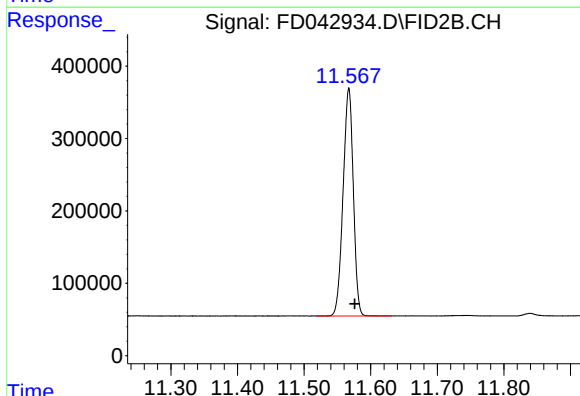
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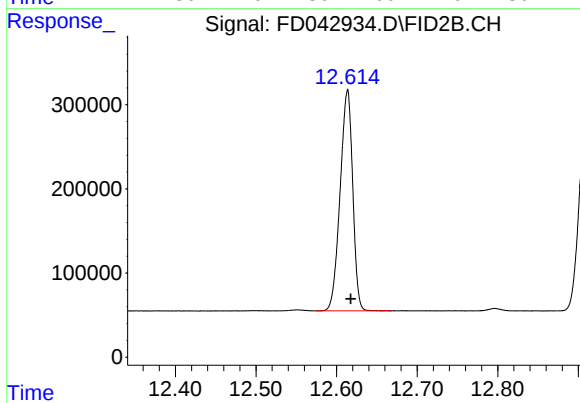
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.007 min
Response: 2893938
Conc: 18.93 ug/ml



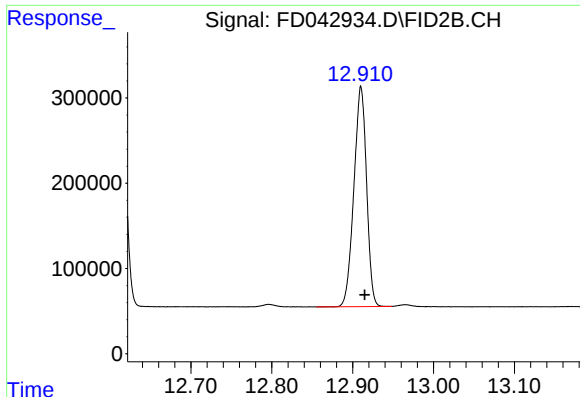
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.009 min
Response: 3358749
Conc: 18.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.613 min
Delta R.T.: -0.004 min
Response: 2854613
Conc: 18.12 ug/ml



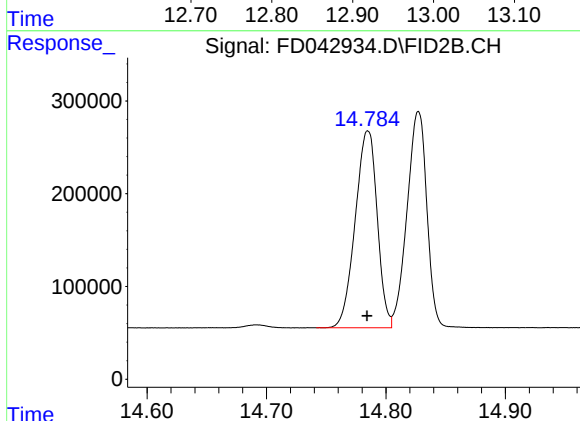
#13 Pyrene (C20.8)

R.T.: 12.910 min
Delta R.T.: -0.005 min
Response: 2806050
Conc: 18.02 ug/ml

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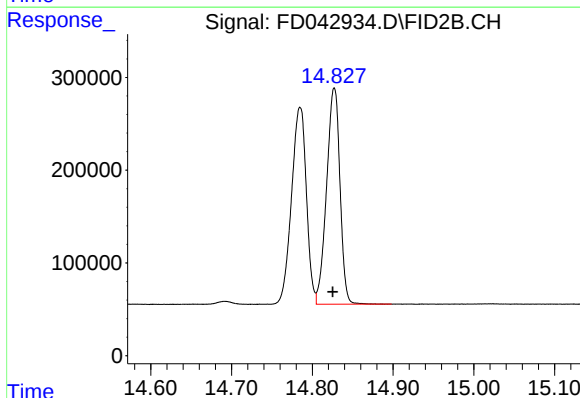
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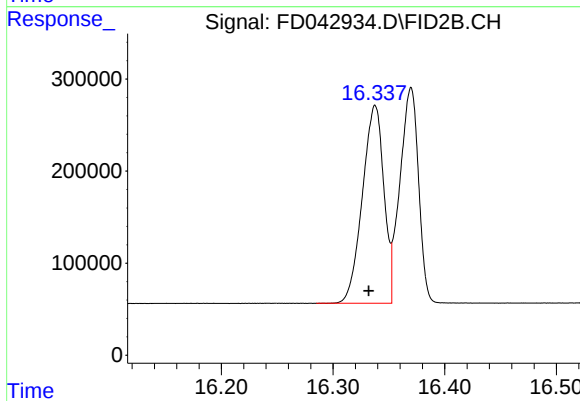
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 2713248
Conc: 20.35 ug/ml



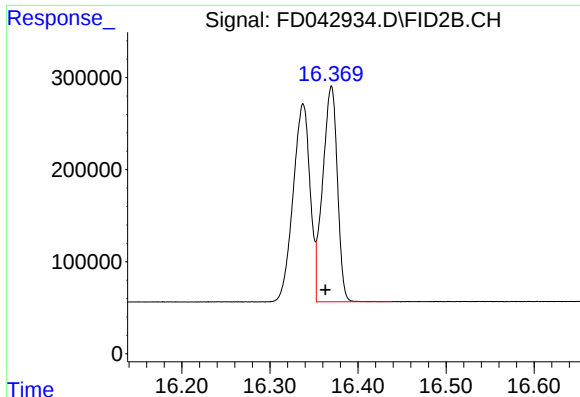
#15 Chrysene (C27.41)

R.T.: 14.827 min
Delta R.T.: 0.002 min
Response: 2688258
Conc: 20.35 ug/ml



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

R.T.: 16.337 min
Delta R.T.: 0.006 min
Response: 2873626
Conc: 21.57 ug/ml



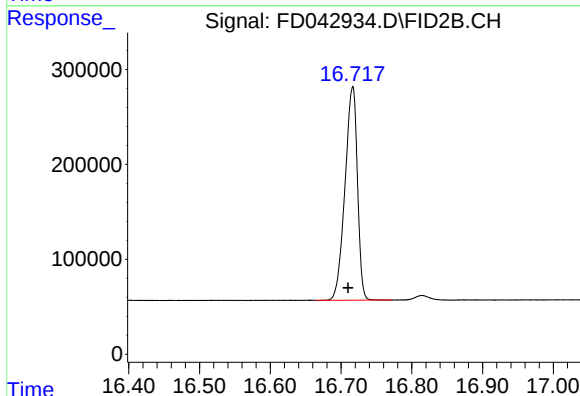
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.369 min
Delta R.T.: 0.006 min
Response: 2715253
Conc: 21.92 ug/ml

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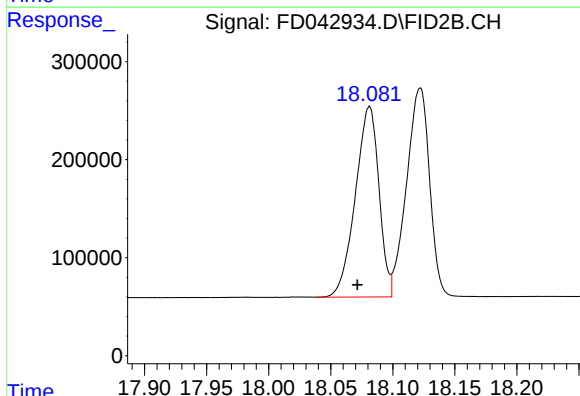
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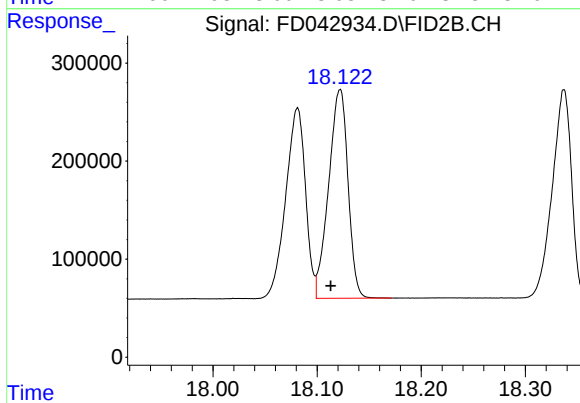
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: 0.006 min
Response: 2749775
Conc: 22.22 ug/ml



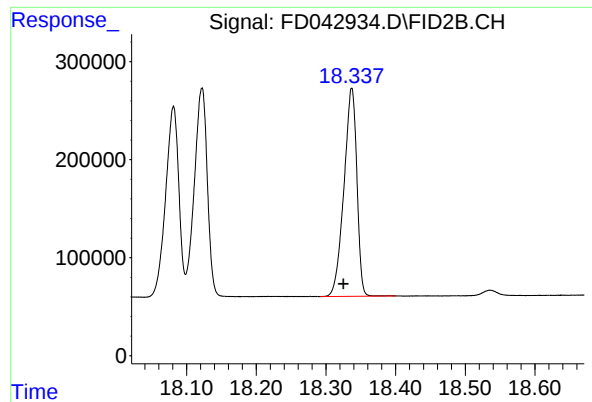
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.081 min
Delta R.T.: 0.009 min
Response: 2572226
Conc: 23.08 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.008 min
Response: 2752680
Conc: 24.75 ug/ml



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

R.T.: 18.337 min
Delta R.T.: 0.012 min
Response: 2734885
Conc: 23.01 ug/ml

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