

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061522AR\
 Data File : FD042932.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jun 2022 00:24
 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 06/16/2022

Integration File: autoint1.e
 Quant Time: Jun 16 03:03:14 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...	7.656	2992982	19.586 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
6) S 2-Fluorobiphenyl (SURR)	8.520	1969187	19.147 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.29%
11) S ortho-Terphenyl (SURR)	11.569	3254316	18.332 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	3393786	20.270 ug/ml
2) T Naphthalene (C11.7)	5.991	3463446	20.032 ug/ml
3) T 2-Methylnaphthalene (...)	7.045	3145669	19.726 ug/ml
5) T Acenaphthylene (C15.06)	8.324	3220136	18.638 ug/ml
7) T Acenaphthene (C15.5)	8.620	3272192	19.017 ug/ml
8) T Flouorene (C16.55)	9.402	3178812	18.935 ug/ml
9) T Phenanthrene (C19.36)	10.802	3008215	18.294 ug/ml
10) T Anthracene (C19.43)	10.876	2835891	18.554 ug/ml
12) T Fluoranthene (C21.85)	12.616	2790427	17.712 ug/ml
13) T Pyrene (C20.8)	12.913	2747418	17.647 ug/ml
14) T Benzo[a]anthracene (C...	14.788	2656395	19.923 ug/ml
15) T Chrysene (C27.41)	14.831	2630800	19.912 ug/ml
16) T benzo[b]fluoranthene ...	16.341	2804918	21.055 ug/ml
17) T Bnezo[k]fluoranthene ...	16.373	2642740	21.337 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	2680178	21.654 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.086	2518015	22.591 ug/ml
20) T Dibenz[a,h]anthracene...	18.126	2690314	24.186 ug/ml
21) T Benzo[g,h,i]perylene ...	18.342	2674672	22.503 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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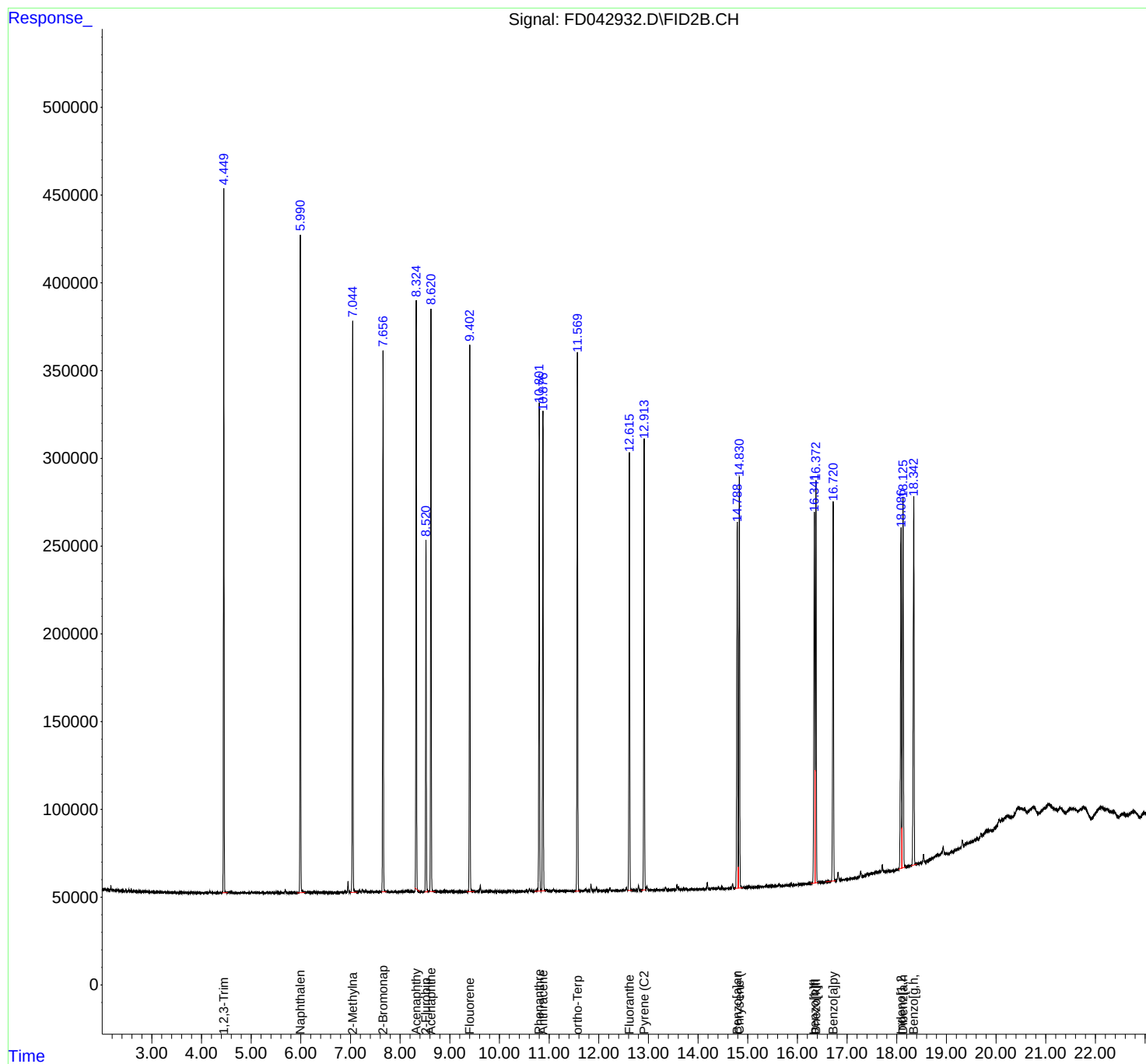
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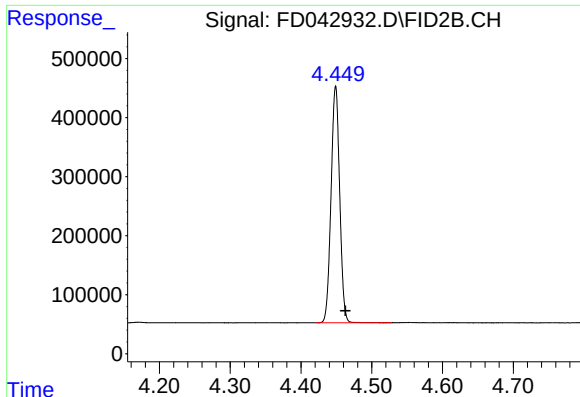
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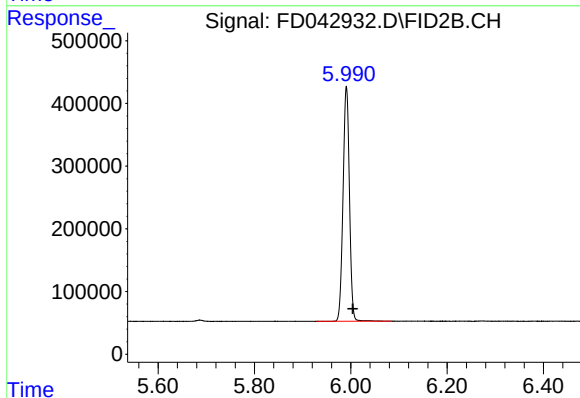
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.449 min
Delta R.T.: -0.014 min
Response: 3393786
Conc: 20.27 ug/ml

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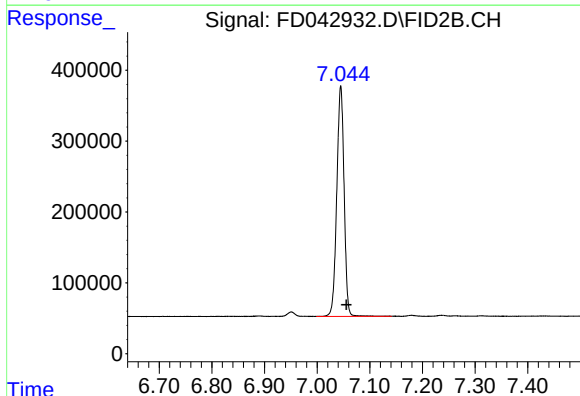
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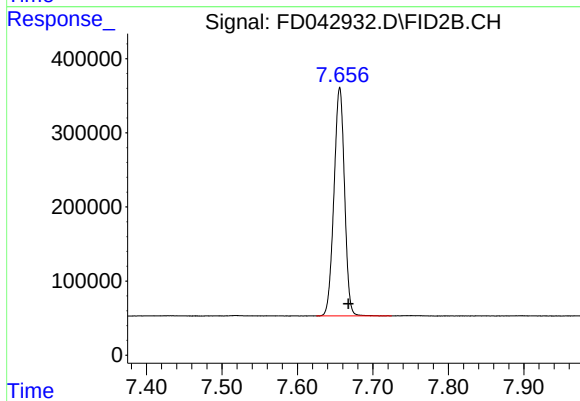
#2 Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.013 min
Response: 3463446
Conc: 20.03 ug/ml



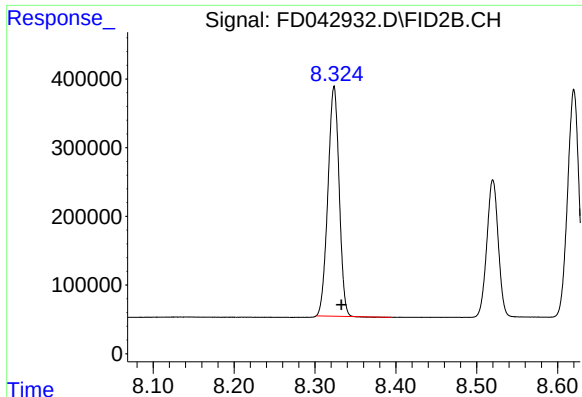
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: -0.011 min
Response: 3145669
Conc: 19.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.656 min
Delta R.T.: -0.011 min
Response: 2992982
Conc: 19.59 ug/ml



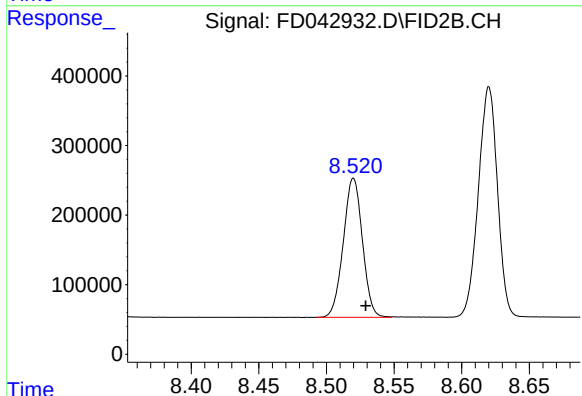
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: -0.009 min
Response: 3220136
Conc: 18.64 ug/ml

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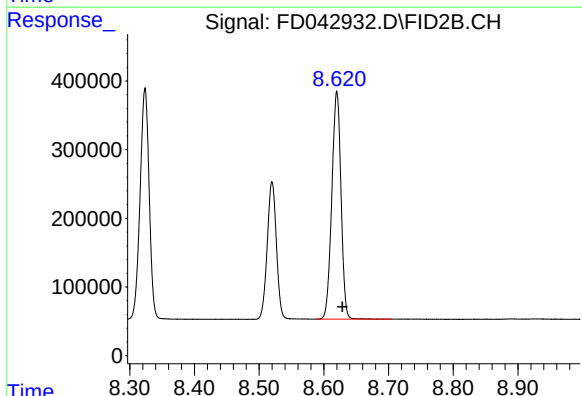
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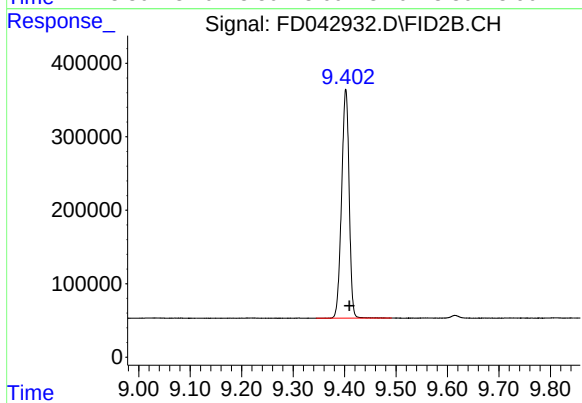
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: -0.010 min
Response: 1969187
Conc: 19.15 ug/ml m



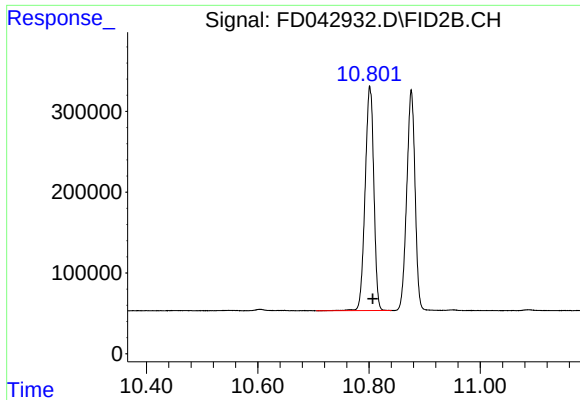
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 3272192
Conc: 19.02 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.402 min
Delta R.T.: -0.007 min
Response: 3178812
Conc: 18.93 ug/ml



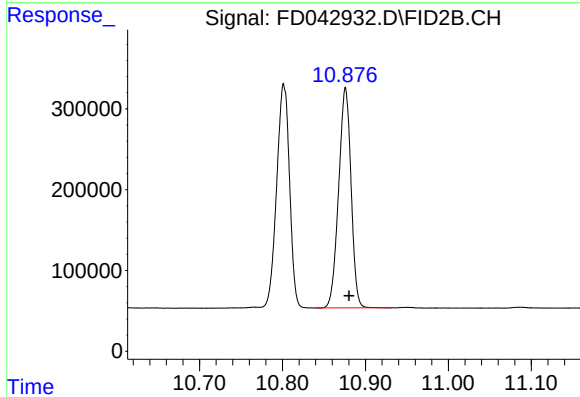
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.005 min
Response: 3008215
Conc: 18.29 ug/ml

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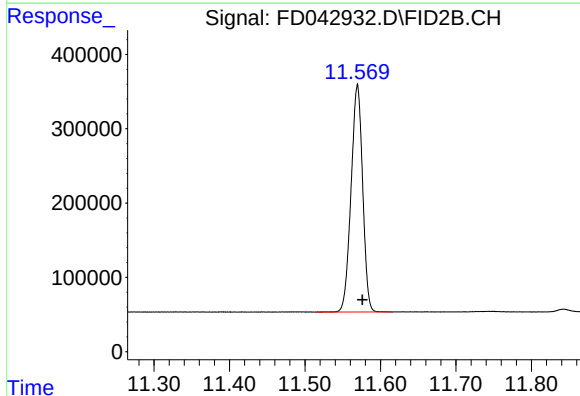
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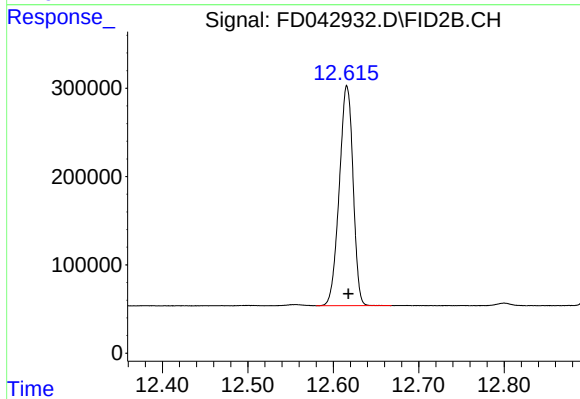
#10 Anthracene (C19.43)

R.T.: 10.876 min
Delta R.T.: -0.004 min
Response: 2835891
Conc: 18.55 ug/ml



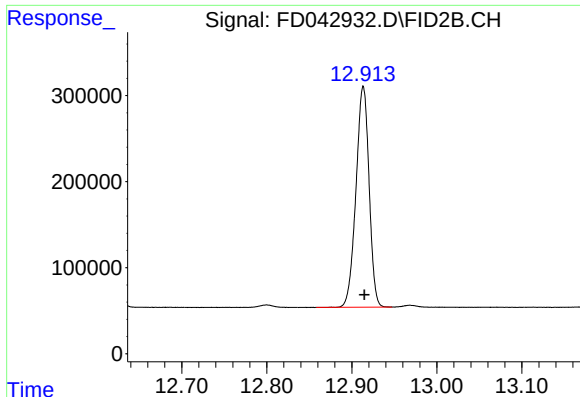
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 3254316
Conc: 18.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.616 min
Delta R.T.: -0.002 min
Response: 2790427
Conc: 17.71 ug/ml



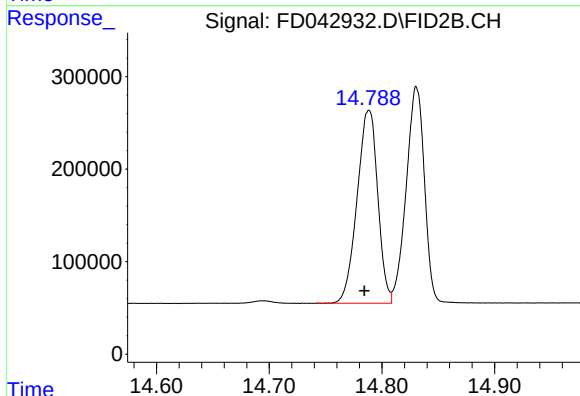
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: -0.002 min
Response: 2747418
Conc: 17.65 ug/ml

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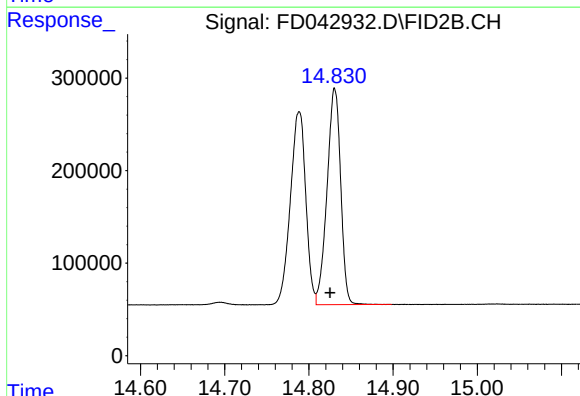
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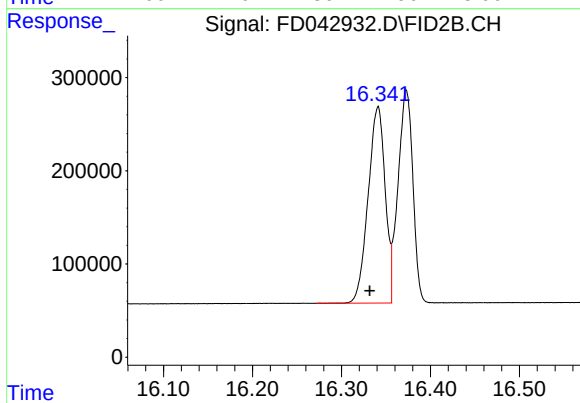
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.788 min
Delta R.T.: 0.004 min
Response: 2656395
Conc: 19.92 ug/ml



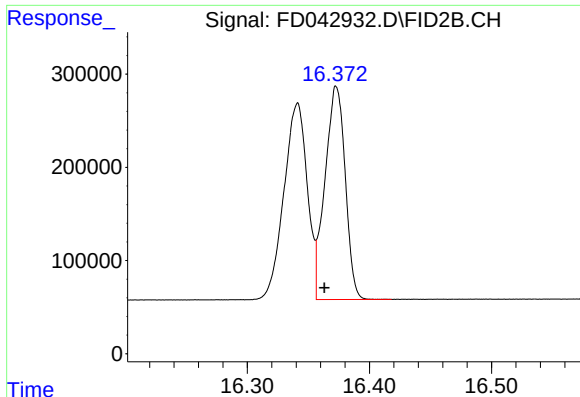
#15 Chrysene (C27.41)

R.T.: 14.831 min
Delta R.T.: 0.005 min
Response: 2630800
Conc: 19.91 ug/ml



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

R.T.: 16.341 min
Delta R.T.: 0.009 min
Response: 2804918
Conc: 21.06 ug/ml



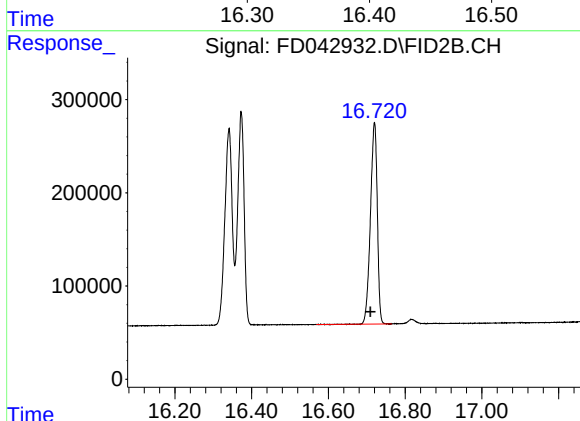
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.373 min
Delta R.T.: 0.010 min
Response: 2642740
Conc: 21.34 ug/ml

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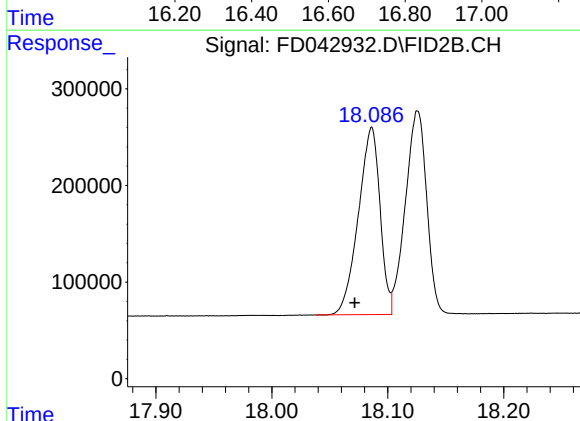
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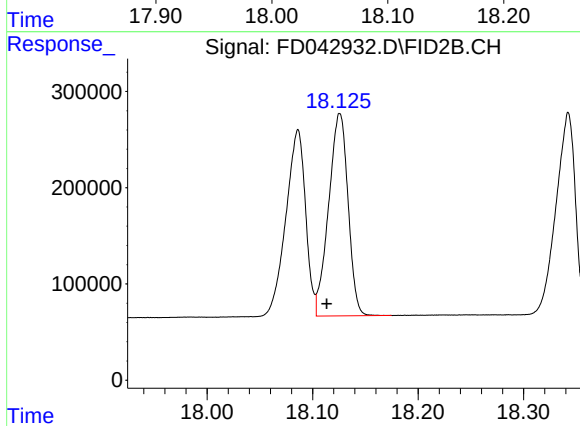
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: 0.010 min
Response: 2680178
Conc: 21.65 ug/ml



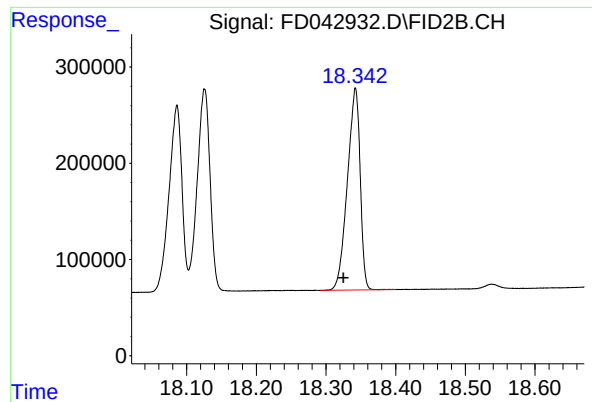
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.086 min
Delta R.T.: 0.014 min
Response: 2518015
Conc: 22.59 ug/ml



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

R.T.: 18.126 min
Delta R.T.: 0.012 min
Response: 2690314
Conc: 24.19 ug/ml



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

R.T.: 18.342 min
Delta R.T.: 0.017 min
Response: 2674672
Conc: 22.50 ug/ml

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