

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061822AR\
 Data File : FD042963.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2022 00:55
 Operator : UA/NP
 Sample : N3213-08MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SW-W-F1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: sample.E
 Quant Time: Jun 20 02:47:33 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...	7.667	8832284	57.799 ug/mlm
Spiked Amount 50.000		Recovery =	115.60%
6) S 2-Fluorobiphenyl (SURR)	8.504	56420302	548.592 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	1097.18%#
11) S ortho-Terphenyl (SURR)	11.561	31645388	178.261 ug/mlm
Spiked Amount 50.000		Recovery =	356.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.454	2168799	12.954 ug/mlm
2) T Naphthalene (C11.7)	6.017	18623376	107.715 ug/ml
3) T 2-Methylnaphthalene (...)	7.029	26906985	168.729 ug/mlm
5) T Acenaphthylene (C15.06)	8.311	27632506	159.935 ug/mlm
7) T Acenaphthene (C15.5)	8.650	8117409	47.176 ug/ml
8) T Fluorene (C16.55)	9.419	76581666	456.161 ug/mlm
9) T Phenanthrene (C19.36)	10.765	25824040	157.041 ug/mlm
10) T Anthracene (C19.43)	10.918	65770102	430.314 ug/mlm
12) T Fluoranthene (C21.85)	12.629	40308018	255.849 ug/mlm
13) T Pyrene (C20.8)	12.914	5541613	35.594 ug/mlm
14) T Benzo[a]anthracene (C...	14.785	57307	0.430 ug/mlm
15) T Chrysene (C27.41)	14.825	431513	3.266 ug/mlm
16) T benzo[b]fluoranthene ...	16.329	440152	3.304 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.347	719183	5.807 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.710	121630	0.983 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.087	3182361	28.551 ug/mlm
20) T Dibenz[a,h]anthracene...	18.087	3371225	30.307 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.322	2218435	18.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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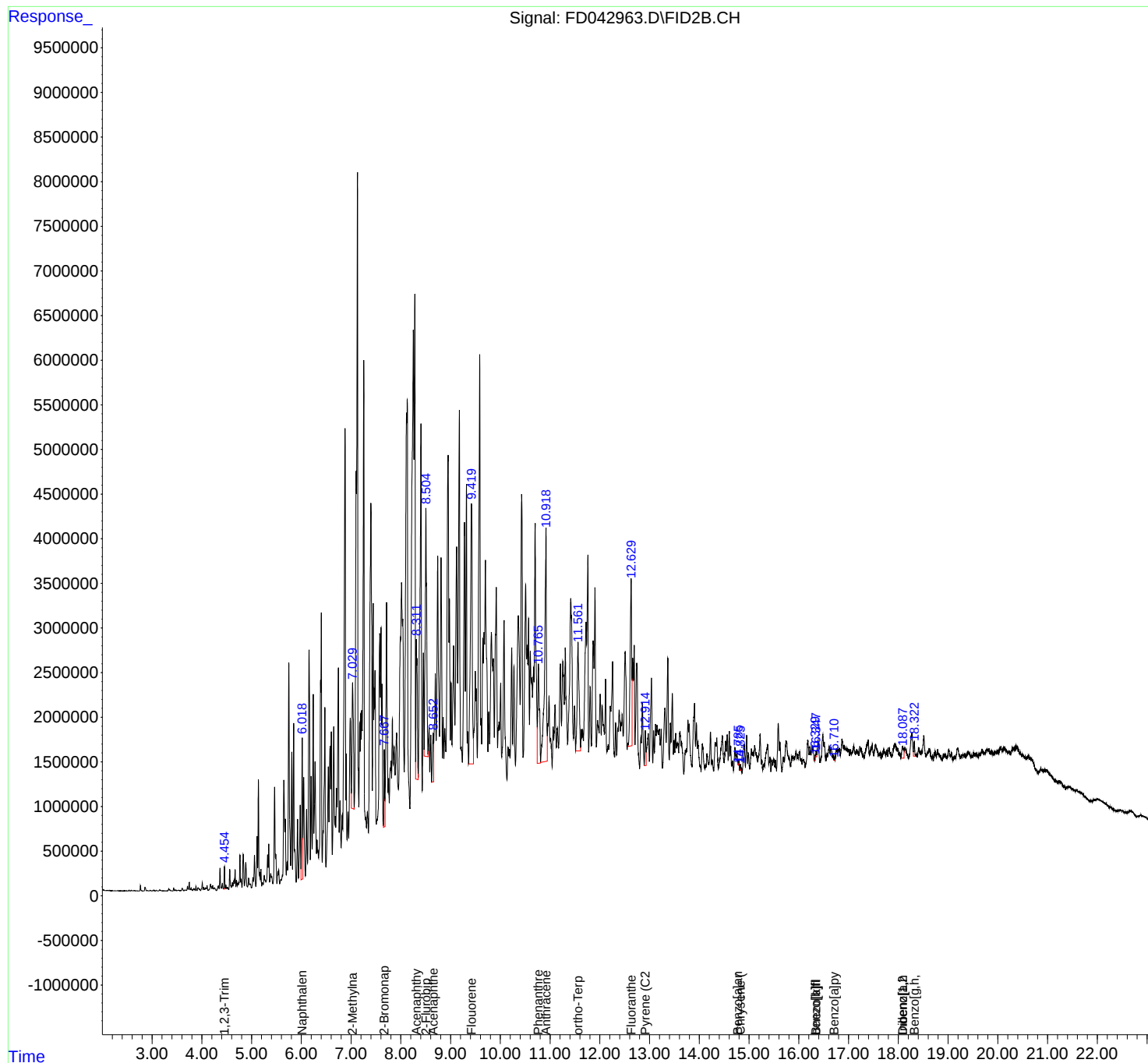
Response via : Initial Calibration

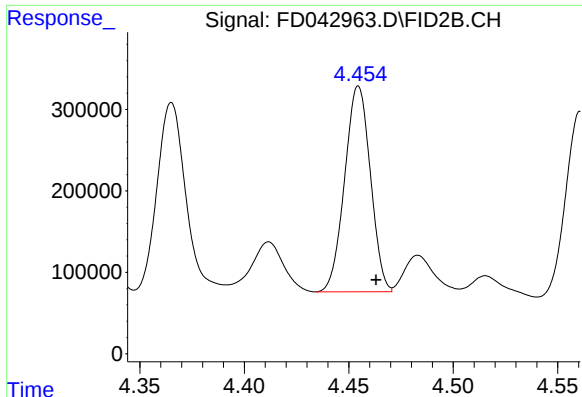
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





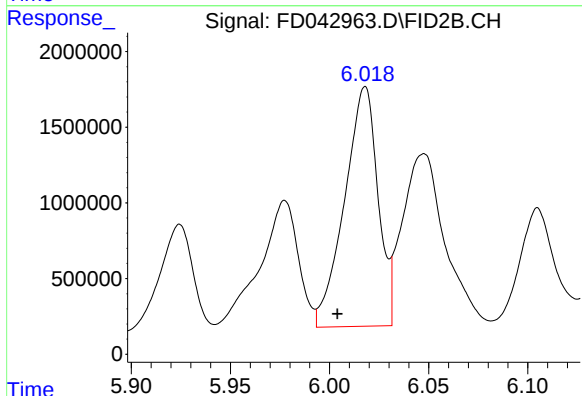
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.454 min
Delta R.T.: -0.009 min
Response: 2168799
Conc: 12.95 ug/ml

Instrument :
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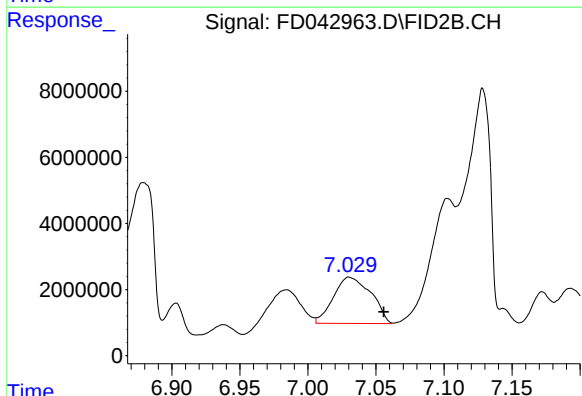
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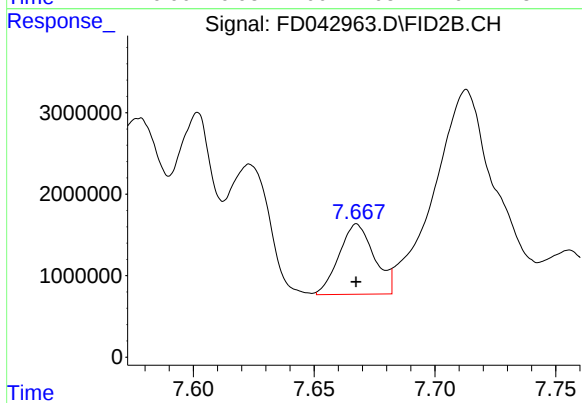
#2 Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: 0.013 min
Response: 18623376
Conc: 107.72 ug/ml



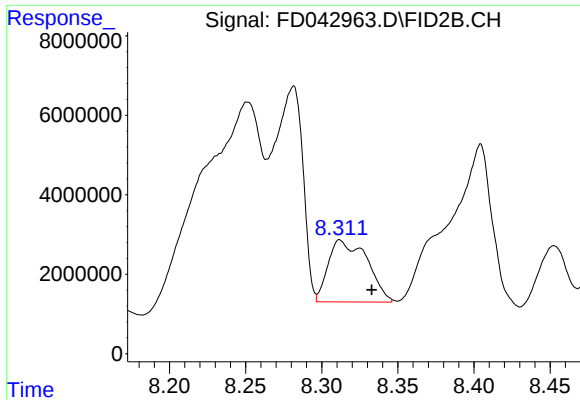
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: -0.026 min
Response: 26906985
Conc: 168.73 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 8832284
Conc: 57.80 ug/ml m



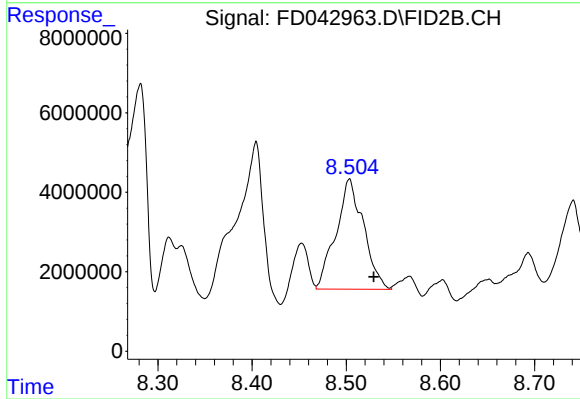
#5 Acenaphthylene (C15.06)

R.T.: 8.311 min
Delta R.T.: -0.022 min
Response: 27632506
Conc: 159.94 ug/ml

Instrument :
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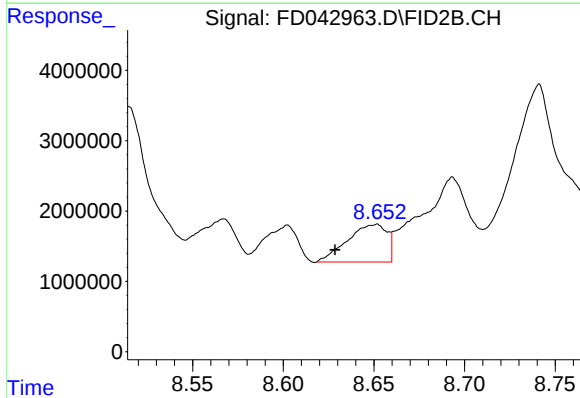
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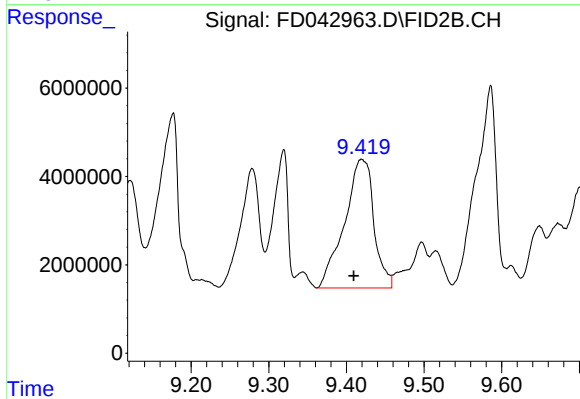
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.026 min
Response: 56420302
Conc: 548.59 ug/ml m



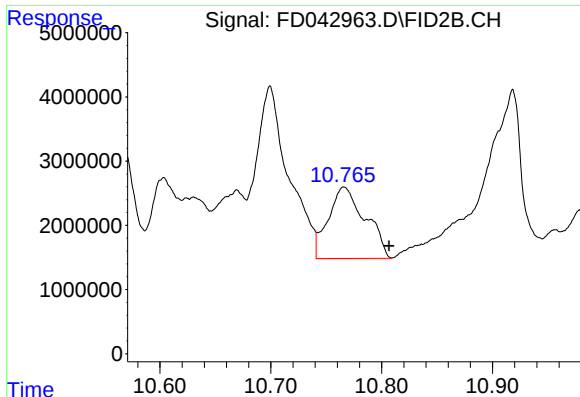
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: 0.021 min
Response: 8117409
Conc: 47.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.419 min
Delta R.T.: 0.009 min
Response: 76581666
Conc: 456.16 ug/ml m



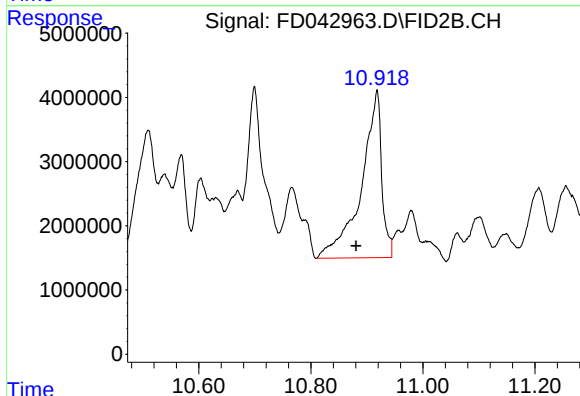
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.041 min
Response: 25824040
Conc: 157.04 ug/ml

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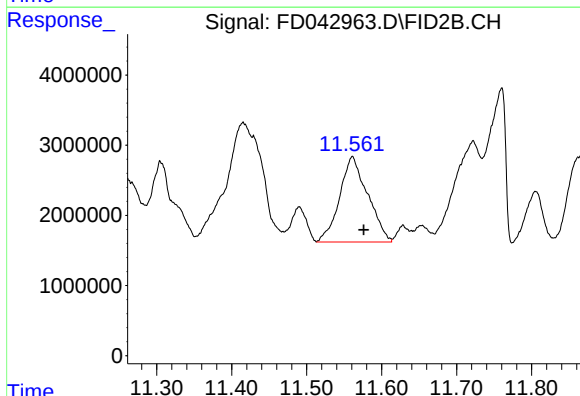
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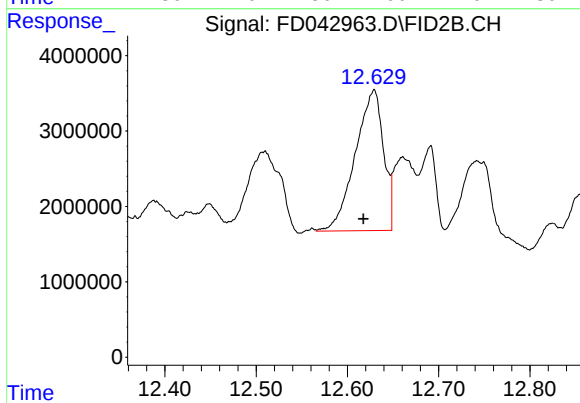
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: 0.038 min
Response: 65770102
Conc: 430.31 ug/ml m



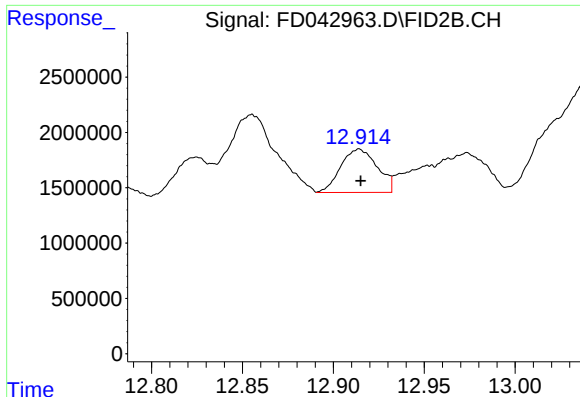
#11 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: -0.016 min
Response: 31645388
Conc: 178.26 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.629 min
Delta R.T.: 0.012 min
Response: 40308018
Conc: 255.85 ug/ml m



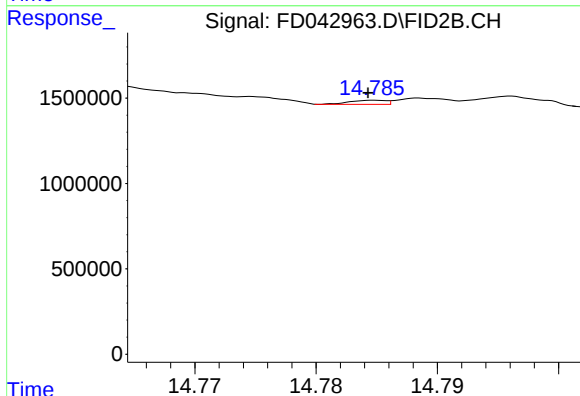
#13 Pyrene (C20.8)

R.T.: 12.914 min
Delta R.T.: -0.001 min
Response: 5541613
Conc: 35.59 ug/ml

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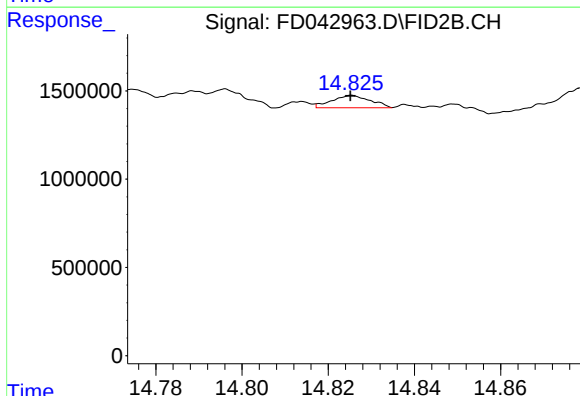
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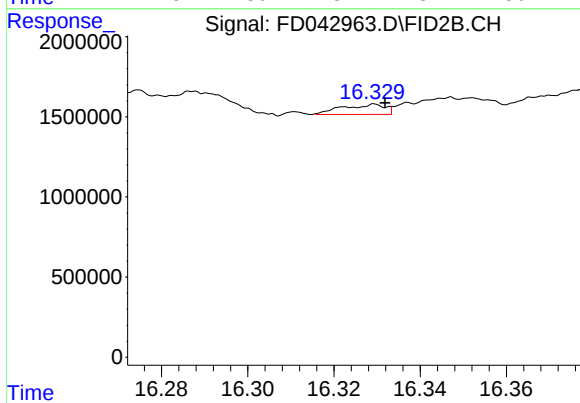
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 57307
Conc: 0.43 ug/ml m



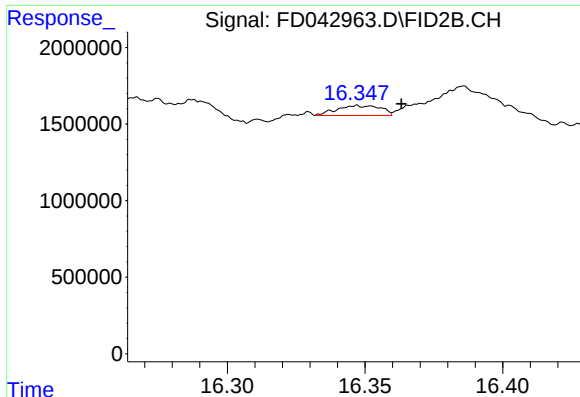
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 431513
Conc: 3.27 ug/ml m



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

R.T.: 16.329 min
Delta R.T.: -0.003 min
Response: 440152
Conc: 3.30 ug/ml m



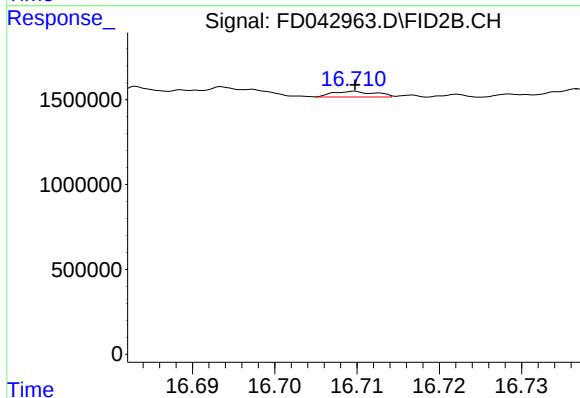
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.347 min
Delta R.T.: -0.016 min
Response: 719183
Conc: 5.81 ug/ml

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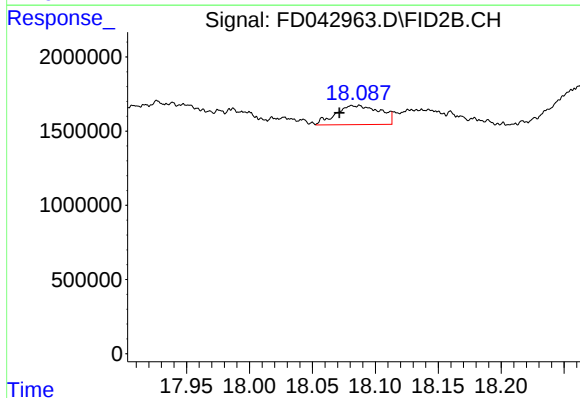
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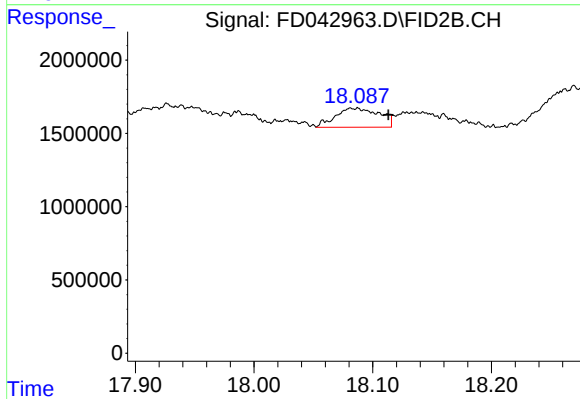
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.710 min
Delta R.T.: 0.000 min
Response: 121630
Conc: 0.98 ug/ml m



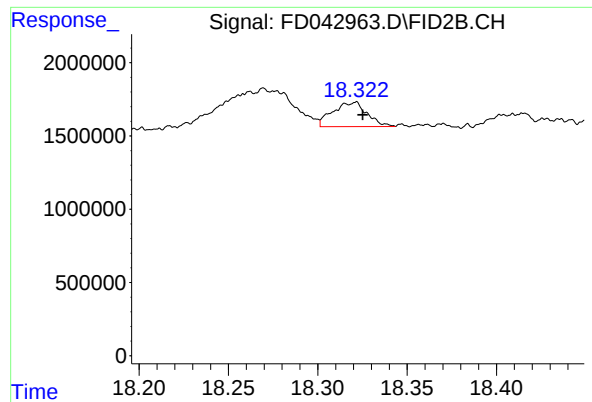
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.087 min
Delta R.T.: 0.015 min
Response: 3182361
Conc: 28.55 ug/ml m



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

R.T.: 18.087 min
Delta R.T.: -0.026 min
Response: 3371225
Conc: 30.31 ug/ml m



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

R.T.: 18.322 min
Delta R.T.: -0.003 min
Response: 2218435
Conc: 18.66 ug/ml

Instrument :

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