

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110719AR\
 Data File : FD031369.D
 Signal(s) : FID2B.CH
 Acq On : 07 Nov 2019 14:03
 Operator : DD\AJ
 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

Ankita
 11/8/2019 8:39:33 AM

Integration File: autoint1.e
 Quant Time: Nov 08 00:14:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.636	2562292	21.525 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
6) S 2-Fluorobiphenyl (SURR)	8.497	1767276	21.449 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.90%
11) S ortho-Terphenyl (SURR)	11.537	2707138	21.155 ug/ml
Spiked Amount 50.000		Recovery =	42.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	2587910	21.560 ug/ml
2) T Naphthalene (C11.7)	5.974	2791882	21.684 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	2785400	21.688 ug/ml
5) T Acenaphthylene (C15.06)	8.300	2689305	21.363 ug/ml
7) T Acenaphthene (C15.5)	8.596	2807632	21.443 ug/ml
8) T Flouorene (C16.55)	9.375	2790148	21.341 ug/ml
9) T Phenanthrene (C19.36)	10.770	2808620	21.317 ug/ml
10) T Anthracene (C19.43)	10.843	2676830	20.759 ug/ml
12) T Fluoranthene (C21.85)	12.577	2786416	21.025 ug/ml
13) T Pyrene (C20.8)	12.874	2768753	21.023 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2636132	20.825 ug/mlm
15) T Chrysene (C27.41)	14.783	2637856	20.798 ug/ml
16) T benzo[b]fluoranthene ...	16.287	2584765	20.591 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.320	2596460	20.633 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	2576718	20.764 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.025	2499115	20.546 ug/mlm
20) T Dibenz[a,h]anthracene...	18.068	2541823	20.528 ug/ml
21) T Benzo[g,h,i]perylene ...	18.281	2507961	20.790 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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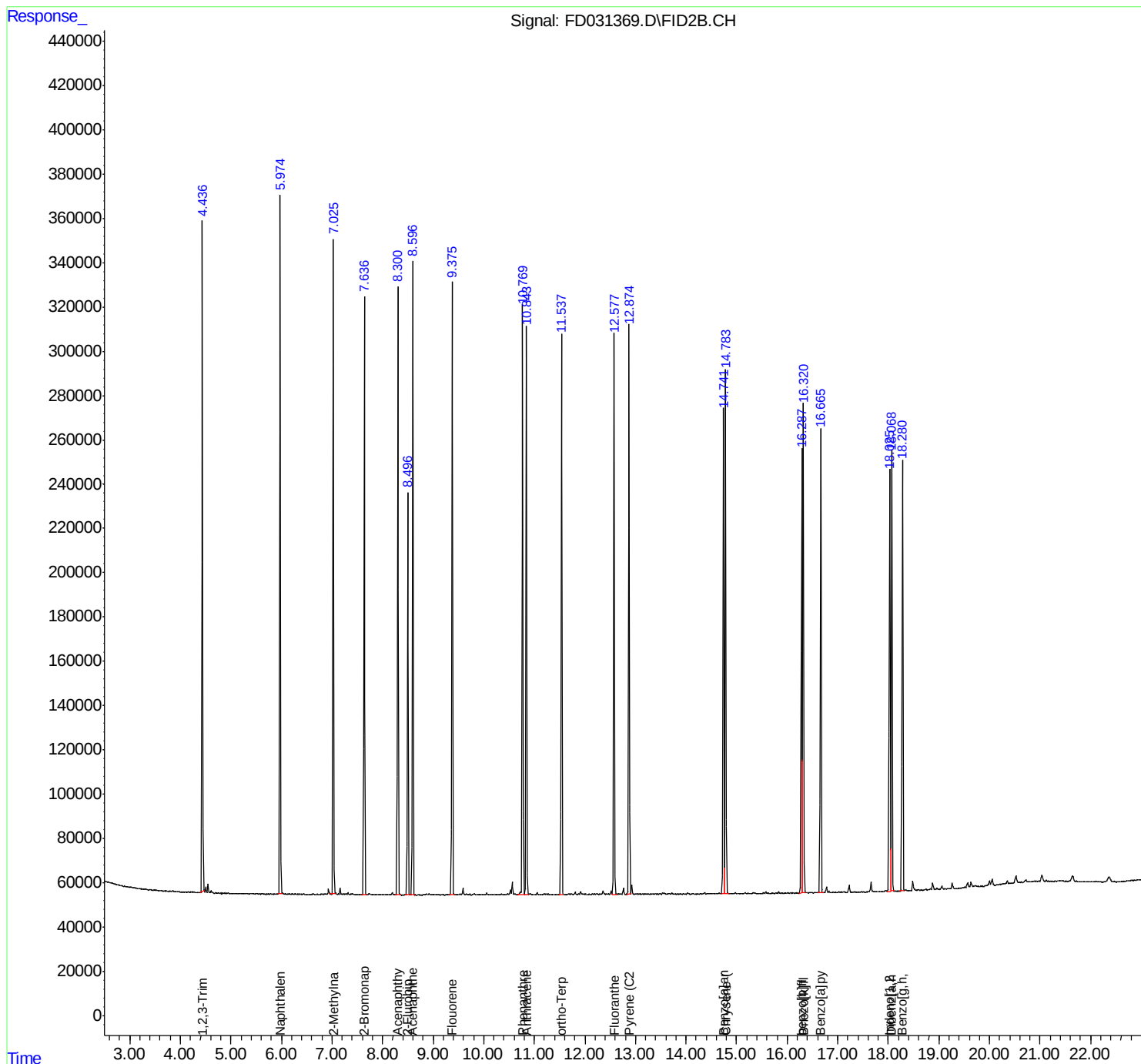
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20 PPM AROMATIC HC STD

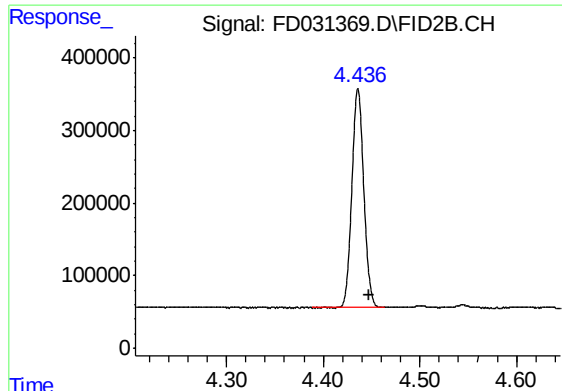
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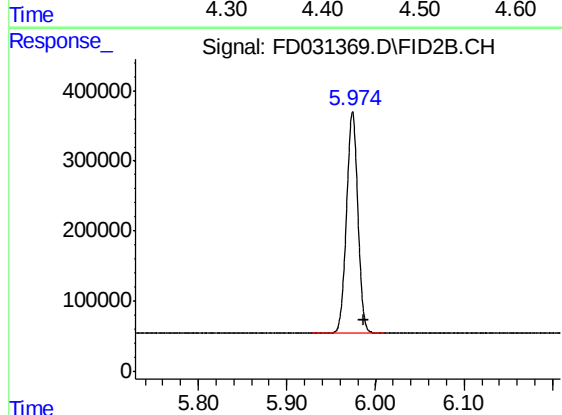
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.011 min
Response: 2587910
Conc: 21.56 ug/ml

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20 PPM AROMATIC HC STD

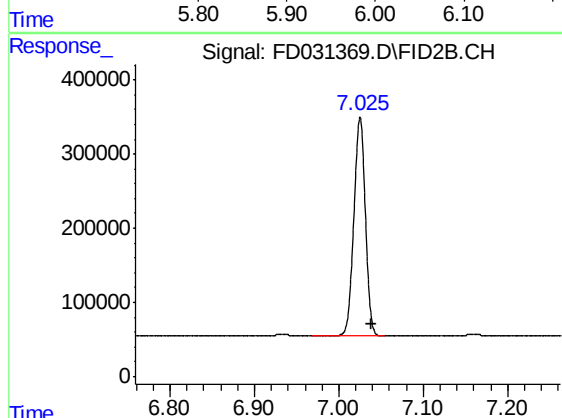
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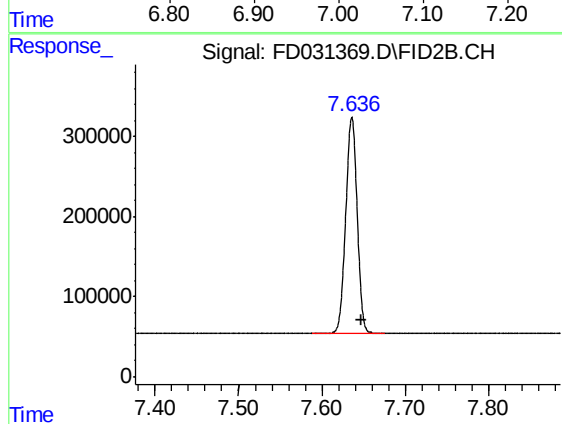
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.012 min
Response: 2791882
Conc: 21.68 ug/ml



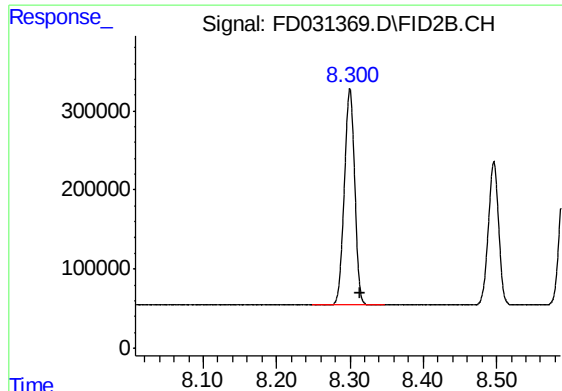
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 2785400
Conc: 21.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 2562292
Conc: 21.53 ug/ml



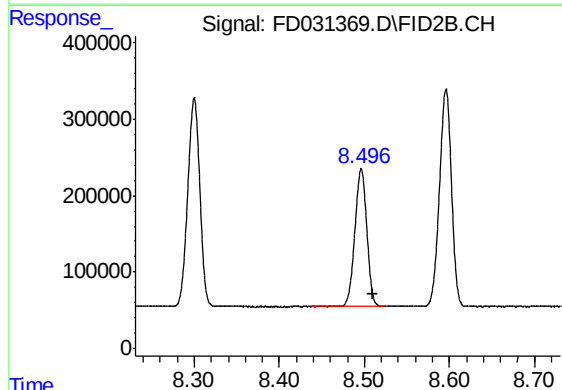
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: -0.014 min
Response: 2689305
Conc: 21.36 ug/ml

Instrument :
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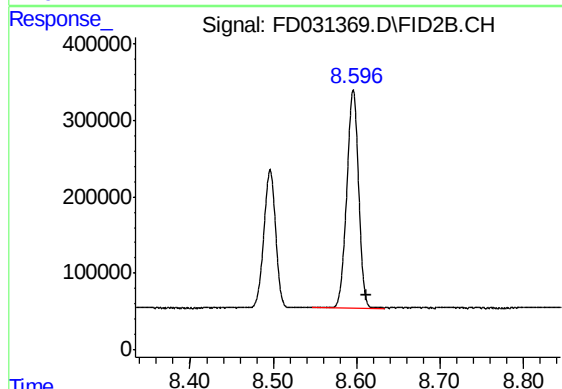
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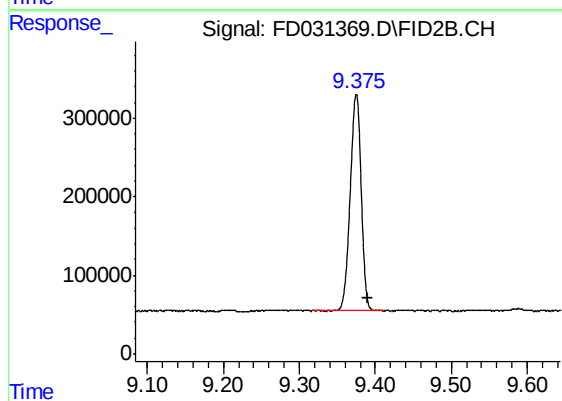
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.014 min
Response: 1767276
Conc: 21.45 ug/ml



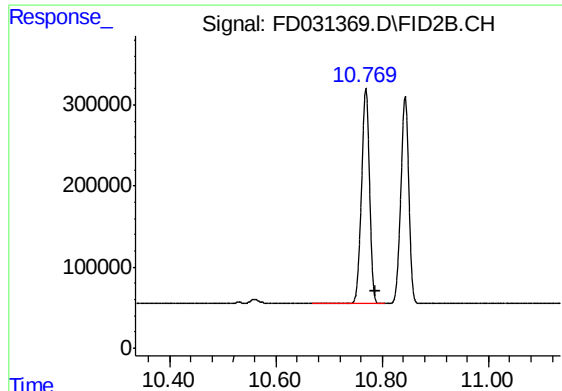
#7 Acenaphthene (C15.5)

R.T.: 8.596 min
Delta R.T.: -0.016 min
Response: 2807632
Conc: 21.44 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.375 min
Delta R.T.: -0.015 min
Response: 2790148
Conc: 21.34 ug/ml



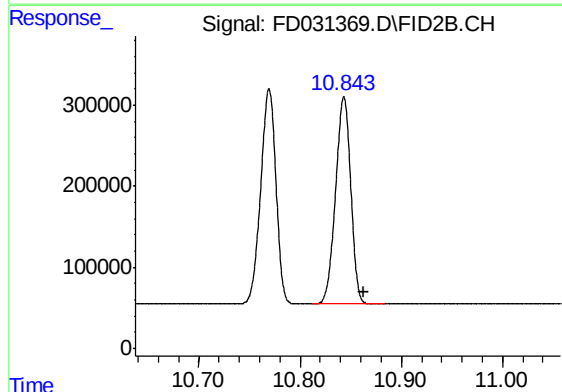
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.017 min
Response: 2808620
Conc: 21.32 ug/ml

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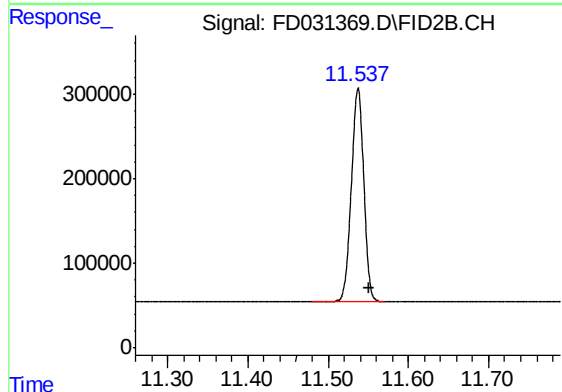
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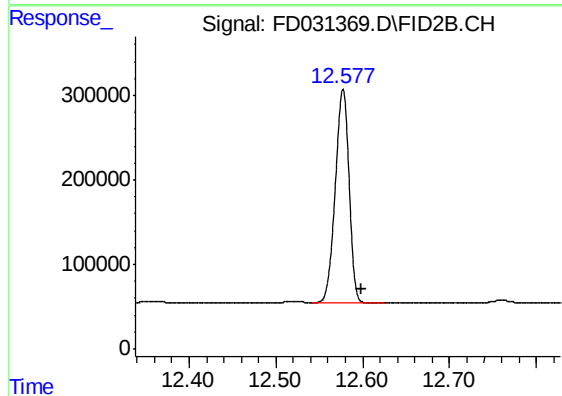
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: -0.019 min
Response: 2676830
Conc: 20.76 ug/ml



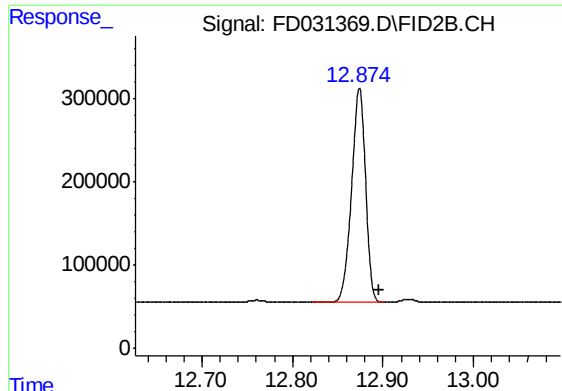
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.014 min
Response: 2707138
Conc: 21.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.021 min
Response: 2786416
Conc: 21.03 ug/ml



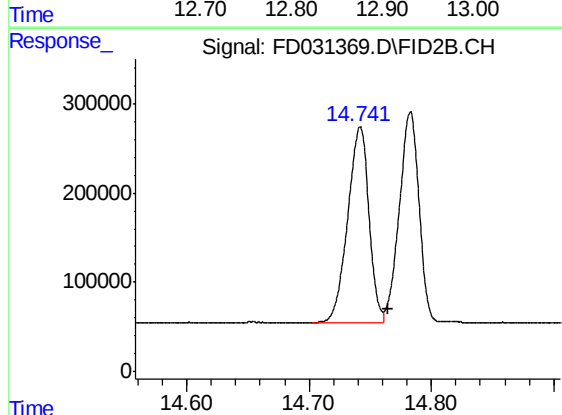
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: -0.022 min
Response: 2768753
Conc: 21.02 ug/ml

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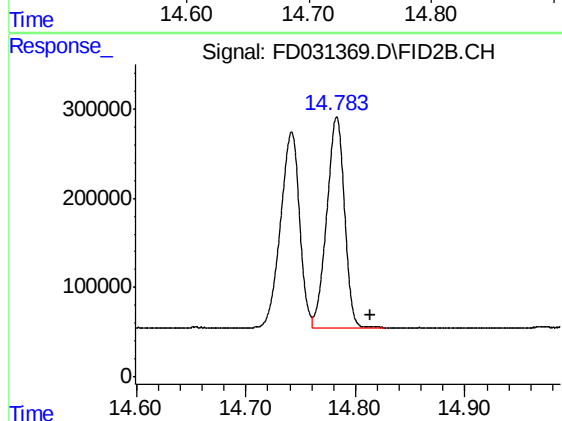
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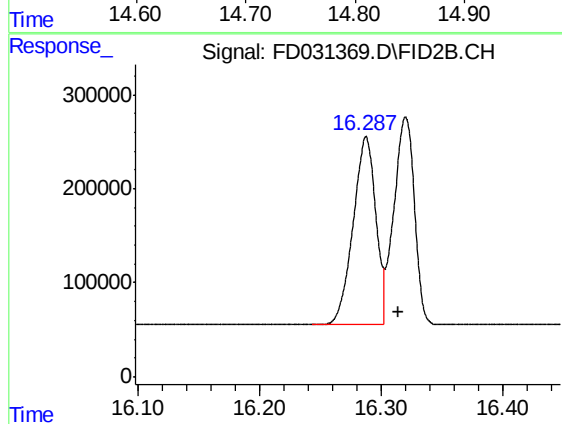
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.024 min
Response: 2636132
Conc: 20.83 ug/ml m



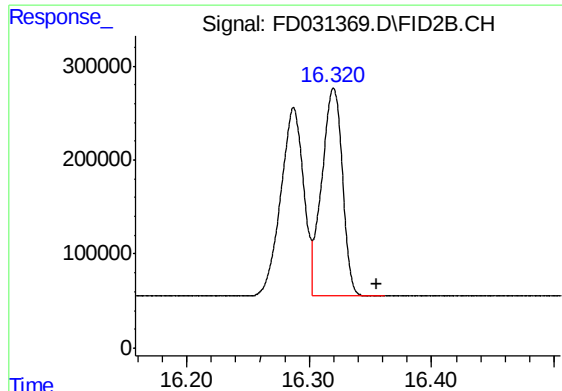
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: -0.030 min
Response: 2637856
Conc: 20.80 ug/ml



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

R.T.: 16.287 min
Delta R.T.: -0.027 min
Response: 2584765
Conc: 20.59 ug/ml m



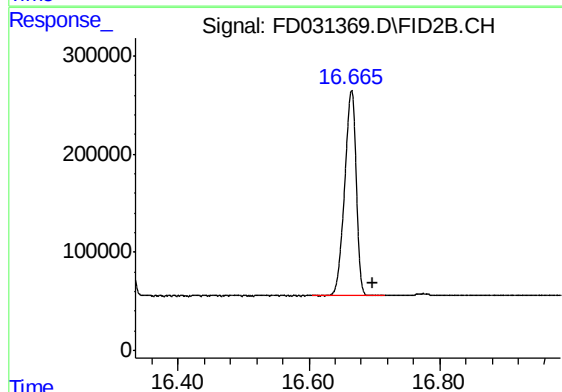
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: -0.035 min
Response: 2596460
Conc: 20.63 ug/ml

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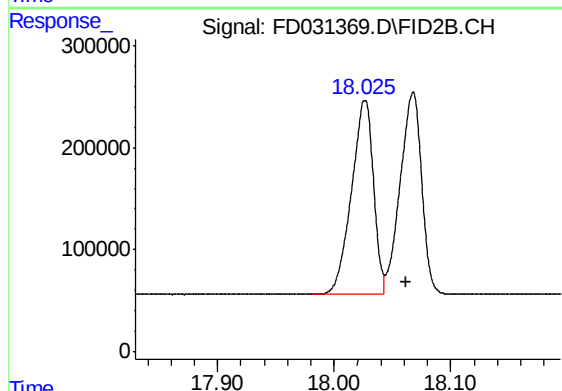
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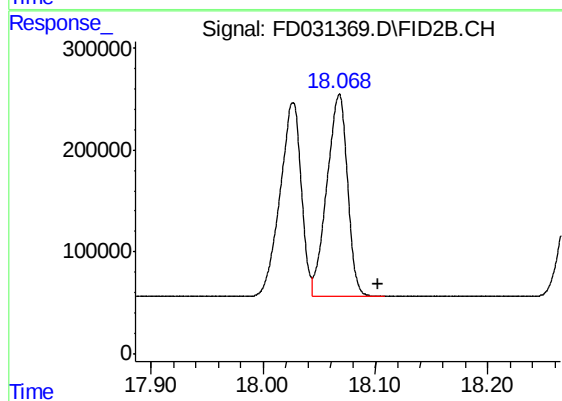
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: -0.032 min
Response: 2576718
Conc: 20.76 ug/ml



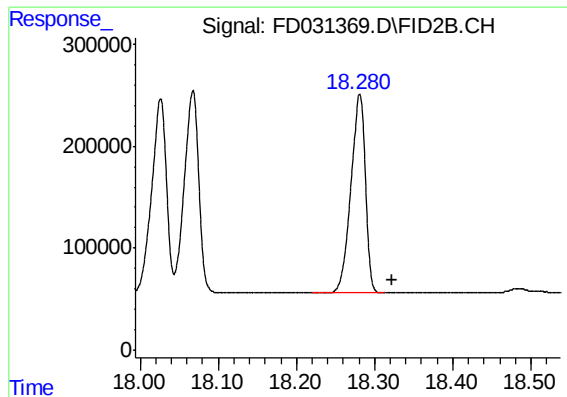
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.025 min
Delta R.T.: -0.036 min
Response: 2499115
Conc: 20.55 ug/ml m



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

R.T.: 18.068 min
Delta R.T.: -0.034 min
Response: 2541823
Conc: 20.53 ug/ml



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

R.T.: 18.281 min
Delta R.T.: -0.041 min
Response: 2507961
Conc: 20.79 ug/ml

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