

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031384.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 13:17
 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
 11/11/2019 11:34:19 AM

Integration File: sample.E
 Quant Time: Nov 08 16:58:59 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...	7.637	2578087	21.658 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
6) S 2-Fluorobiphenyl (SURR)	8.497	1773568	21.526 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.05%
11) S ortho-Terphenyl (SURR)	11.538	2693106	21.045 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	2681646	22.341 ug/ml
2) T Naphthalene (C11.7)	5.975	2852480	22.154 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	2824547	21.993 ug/ml
5) T Acenaphthylene (C15.06)	8.301	2696958	21.423 ug/ml
7) T Acenaphthene (C15.5)	8.597	2813824	21.490 ug/ml
8) T Fluorene (C16.55)	9.376	2786496	21.313 ug/ml
9) T Phenanthrene (C19.36)	10.770	2806348	21.299 ug/ml
10) T Anthracene (C19.43)	10.844	2638503	20.462 ug/ml
12) T Fluoranthene (C21.85)	12.579	2779955	20.977 ug/ml
13) T Pyrene (C20.8)	12.876	2763067	20.980 ug/ml
14) T Benzo[a]anthracene (C...	14.744	2626742	20.751 ug/ml
15) T Chrysene (C27.41)	14.786	2635303	20.778 ug/ml
16) T benzo[b]fluoranthene ...	16.292	2556295	20.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	2595097	20.622 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2566348	20.680 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.030	2489818	20.469 ug/ml
20) T Dibenz[a,h]anthracene...	18.072	2548899	20.585 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	2523180	20.916 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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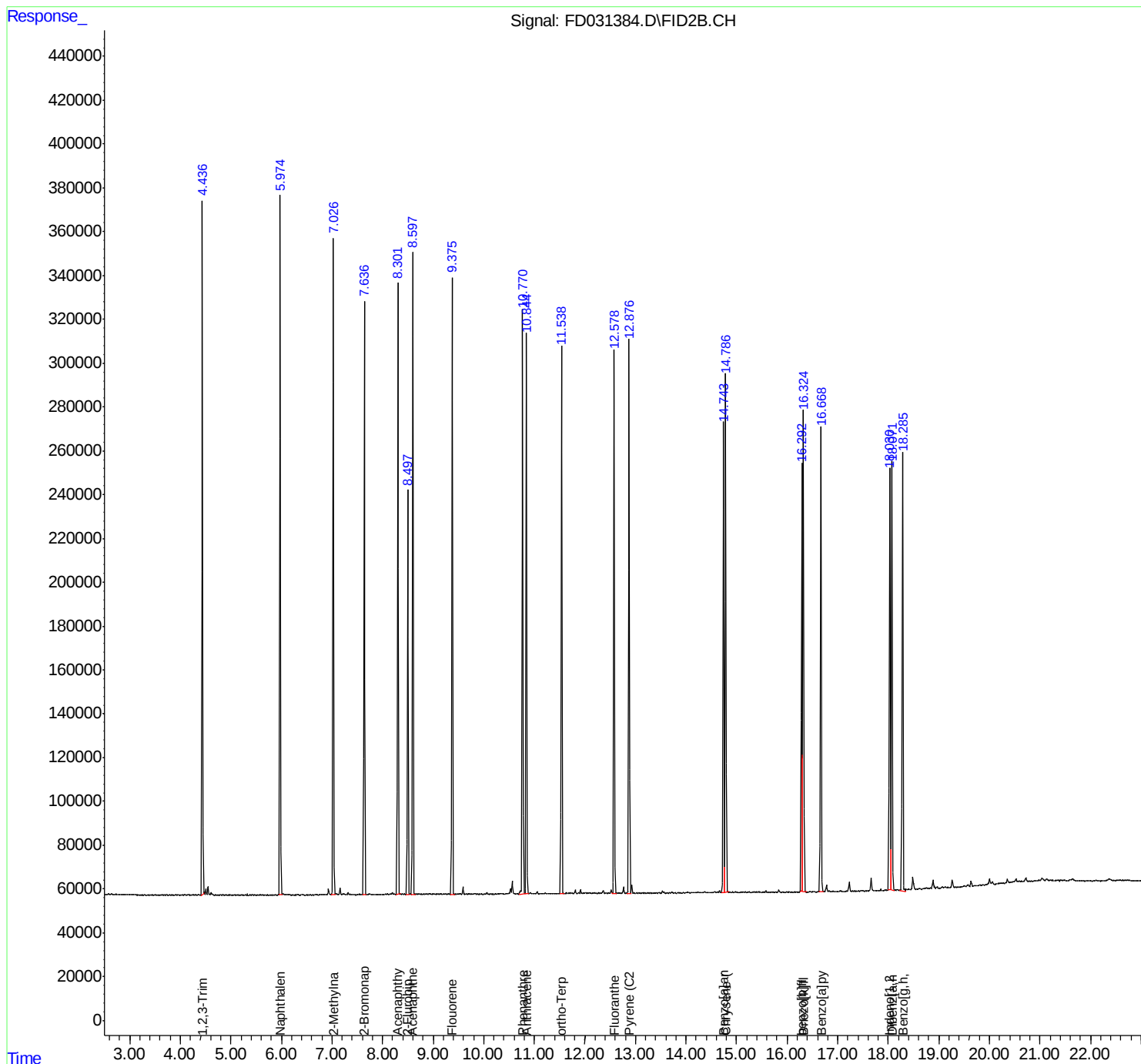
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20 PPM AROMATIC HC STD

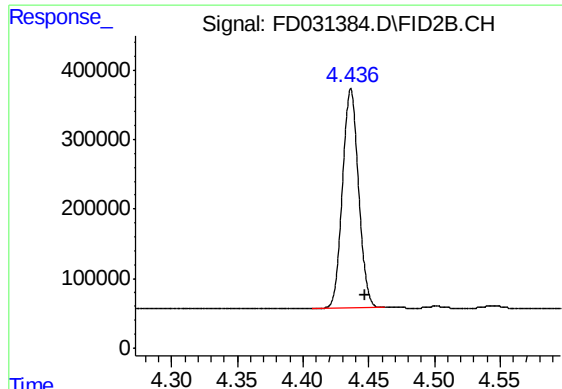
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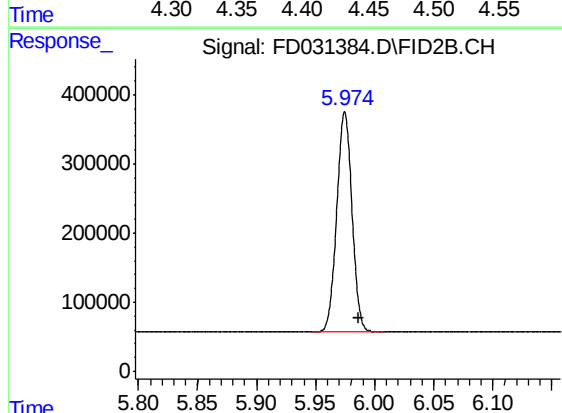
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.011 min
Response: 2681646
Conc: 22.34 ug/ml

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20 PPM AROMATIC HC STD

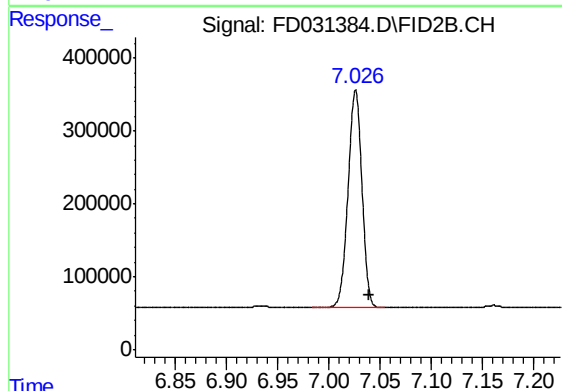
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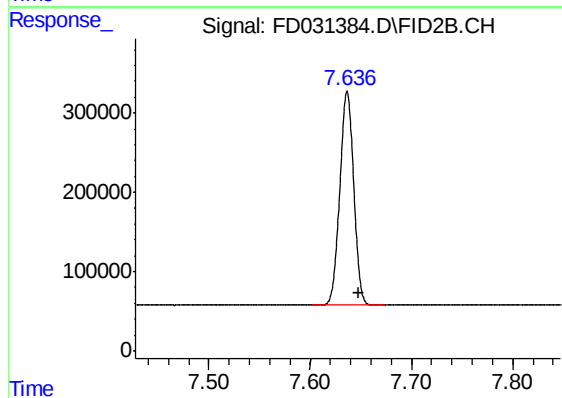
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.012 min
Response: 2852480
Conc: 22.15 ug/ml



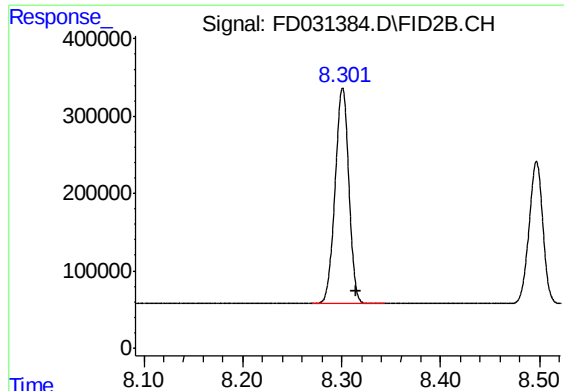
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.013 min
Response: 2824547
Conc: 21.99 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.637 min
Delta R.T.: -0.011 min
Response: 2578087
Conc: 21.66 ug/ml



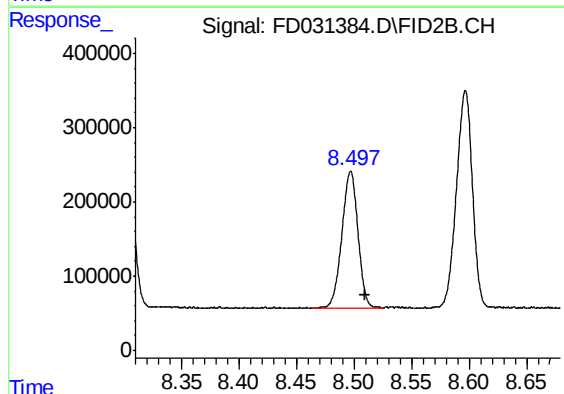
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: -0.013 min
Response: 2696958
Conc: 21.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

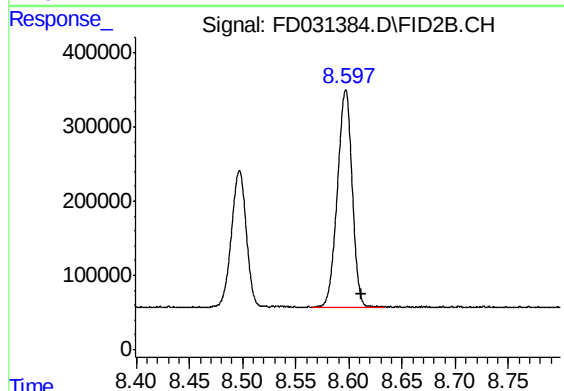
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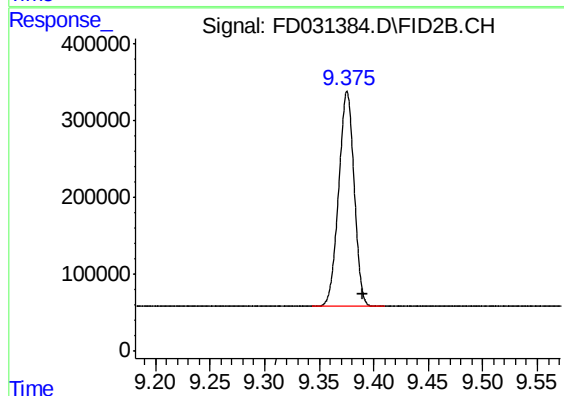
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.013 min
Response: 1773568
Conc: 21.53 ug/ml



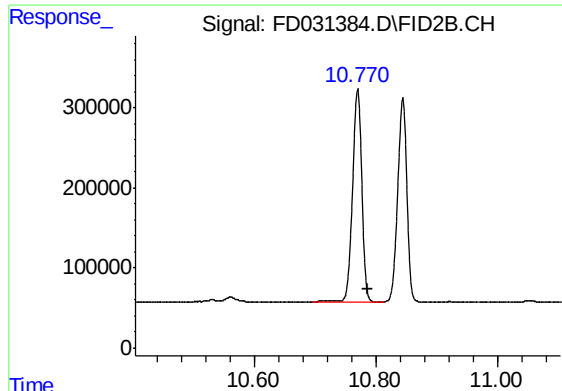
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: -0.015 min
Response: 2813824
Conc: 21.49 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.376 min
Delta R.T.: -0.015 min
Response: 2786496
Conc: 21.31 ug/ml



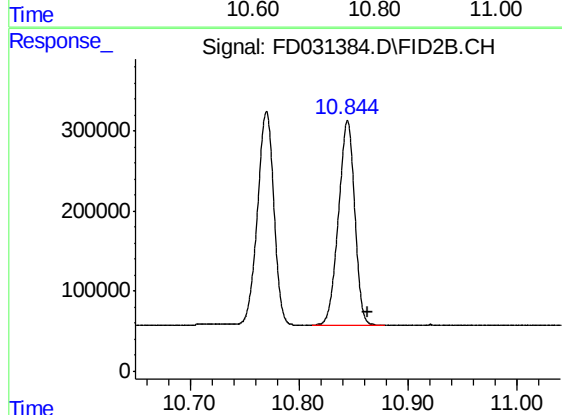
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.016 min
Response: 2806348
Conc: 21.30 ug/ml

Instrument :
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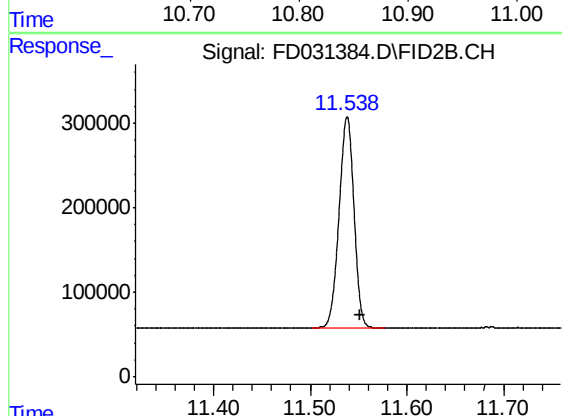
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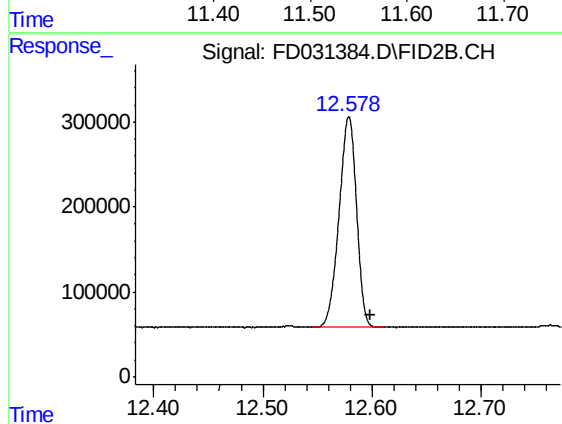
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: -0.018 min
Response: 2638503
Conc: 20.46 ug/ml



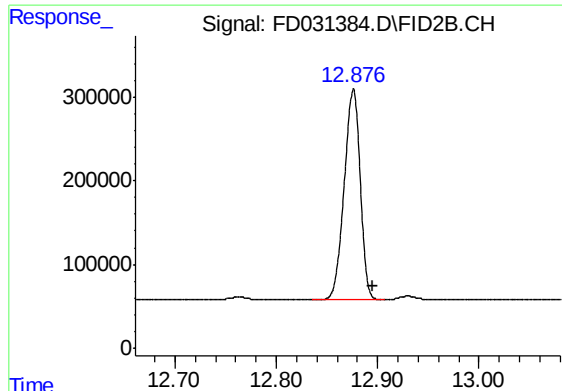
#11 ortho-Terphenyl (SURRE)

R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 2693106
Conc: 21.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: -0.019 min
Response: 2779955
Conc: 20.98 ug/ml



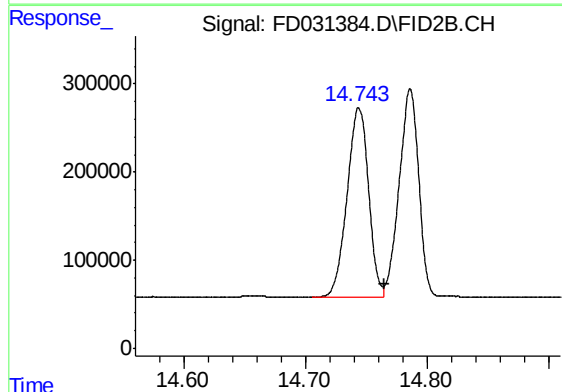
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.020 min
Response: 2763067
Conc: 20.98 ug/ml

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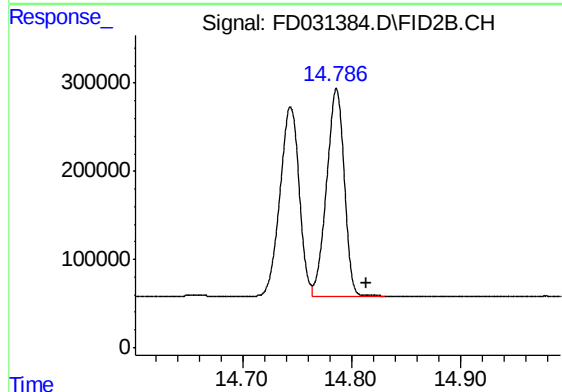
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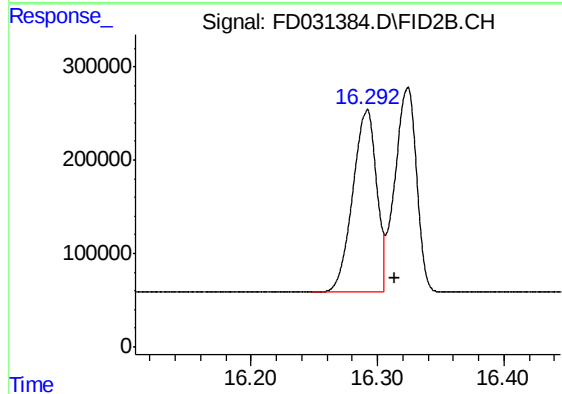
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.021 min
Response: 2626742
Conc: 20.75 ug/ml



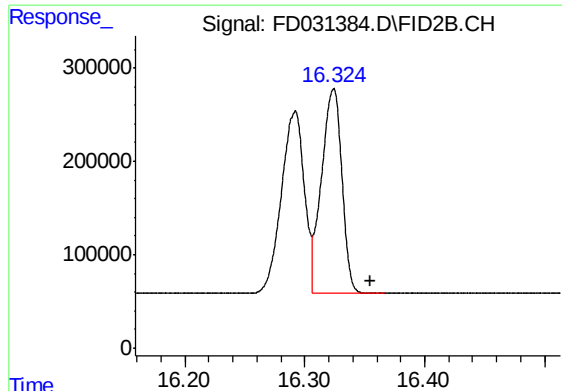
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.027 min
Response: 2635303
Conc: 20.78 ug/ml



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

R.T.: 16.292 min
Delta R.T.: -0.022 min
Response: 2556295
Conc: 20.36 ug/ml m



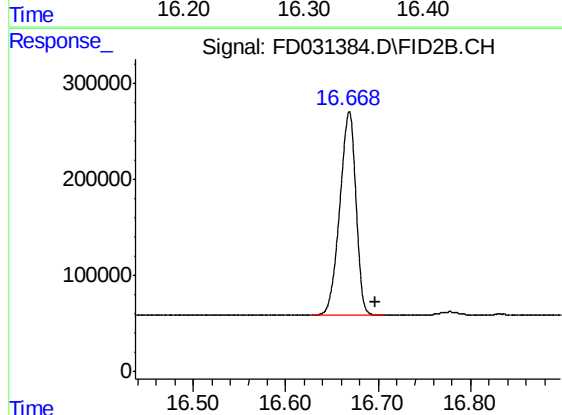
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.031 min
Response: 2595097
Conc: 20.62 ug/ml

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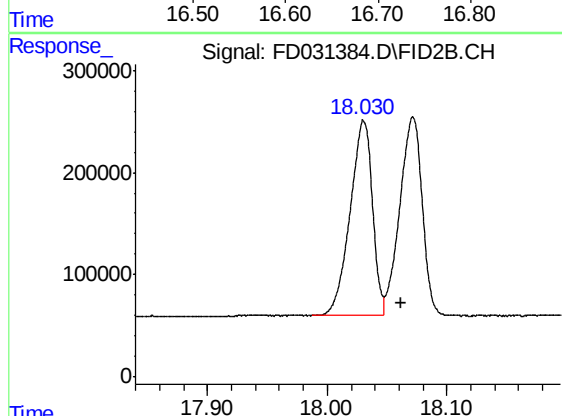
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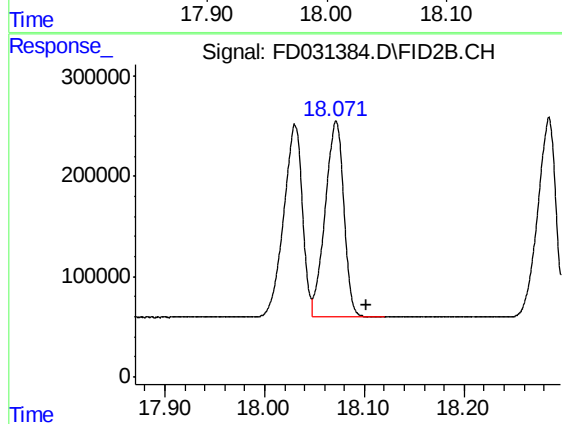
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.028 min
Response: 2566348
Conc: 20.68 ug/ml



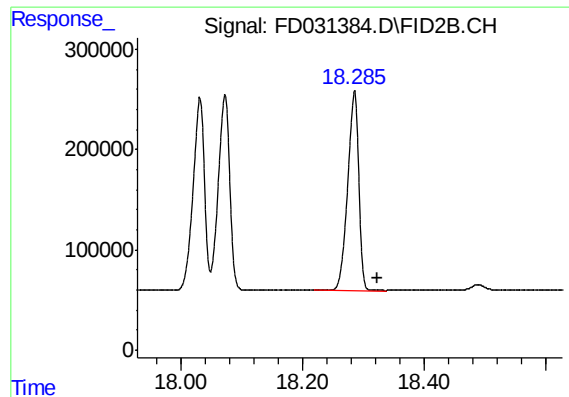
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.030 min
Delta R.T.: -0.032 min
Response: 2489818
Conc: 20.47 ug/ml m



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

R.T.: 18.072 min
Delta R.T.: -0.030 min
Response: 2548899
Conc: 20.59 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.037 min
Response: 2523180
Conc: 20.92 ug/ml

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