

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123019AR\
 Data File : FD031936.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2019 9:49
 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
 12/31/2019 9:03:49 AM

Integration File: autoint1.e
 Quant Time: Dec 30 14:00:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.639	2740194	22.153 ug/ml
Spiked Amount 50.000		Recovery =	44.31%
6) S 2-Fluorobiphenyl (SURR)	8.501	1866902	21.887 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.77%
11) S ortho-Terphenyl (SURR)	11.537	2872823	21.714 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	2886427	22.841 ug/ml
2) T Naphthalene (C11.7)	5.980	3042855	22.565 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	2999319	22.287 ug/ml
5) T Acenaphthylene (C15.06)	8.304	2812880	21.580 ug/ml
7) T Acenaphthene (C15.5)	8.600	2976108	22.022 ug/ml
8) T Flouorene (C16.55)	9.378	2930475	21.787 ug/ml
9) T Phenanthrene (C19.36)	10.772	2878779	21.344 ug/ml
10) T Anthracene (C19.43)	10.846	2375248	17.807 ug/ml
12) T Fluoranthene (C21.85)	12.580	2852236	21.081 ug/ml
13) T Pyrene (C20.8)	12.876	2817489	21.021 ug/ml
14) T Benzo[a]anthracene (C...	14.744	2614742	20.524 ug/mlm
15) T Chrysene (C27.41)	14.786	2655648	20.815 ug/ml
16) T benzo[b]fluoranthene ...	16.291	2651054	21.520 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.324	2614237	21.504 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2553936	21.308 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2554737	22.222 ug/mlm
20) T Dibenz[a,h]anthracene...	18.071	2672025	23.671 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	2538208	22.399 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 52 Sample Multiplier: 1

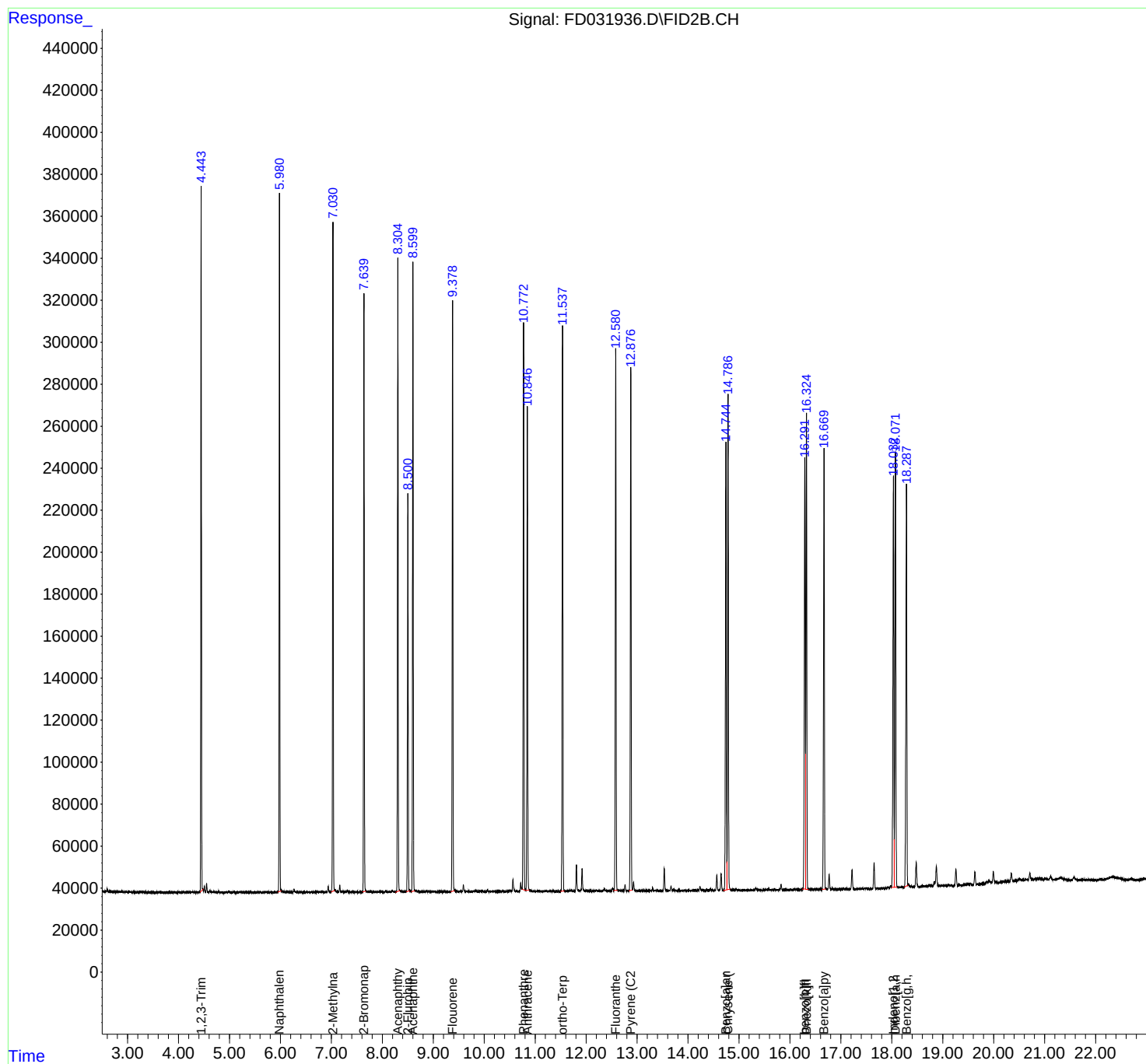
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20 PPM AROMATIC HC STD

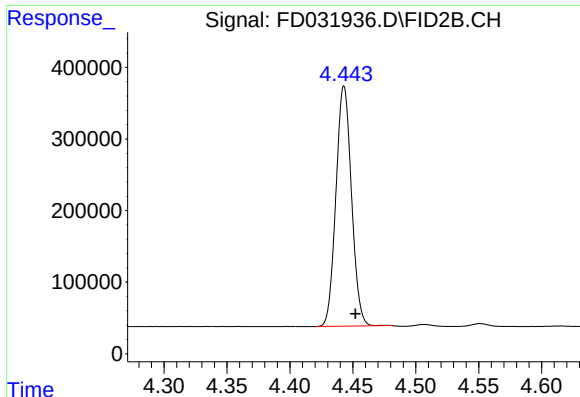
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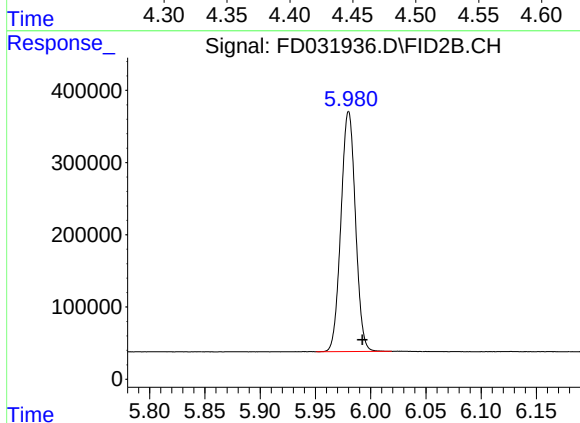
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: -0.009 min
Response: 2886427
Conc: 22.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

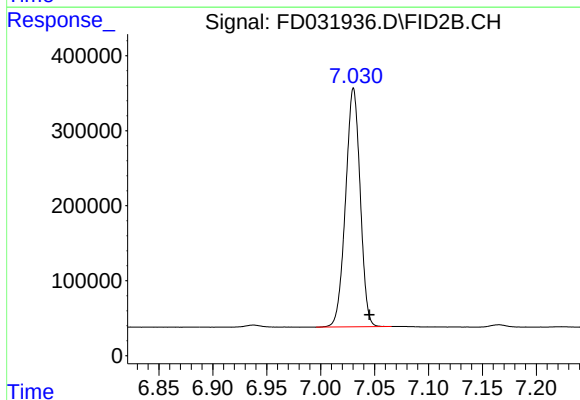
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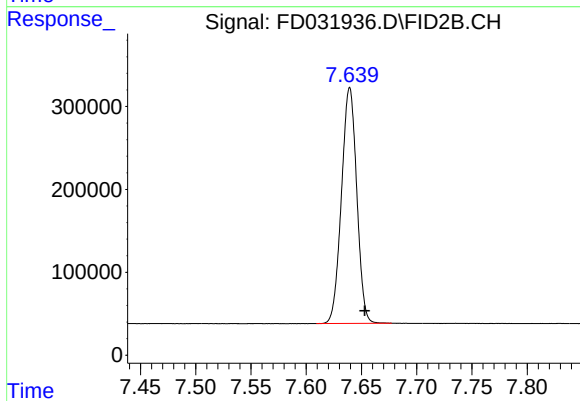
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.012 min
Response: 3042855
Conc: 22.57 ug/ml



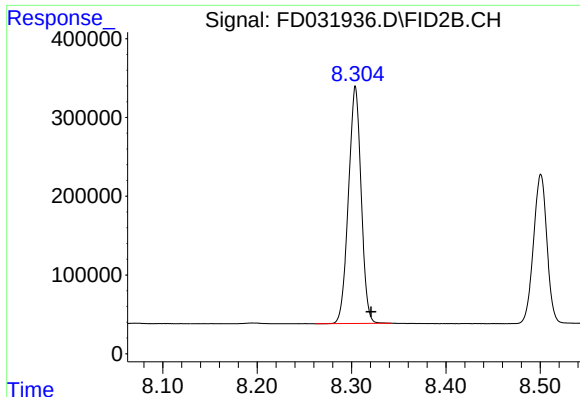
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.015 min
Response: 2999319
Conc: 22.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.639 min
Delta R.T.: -0.014 min
Response: 2740194
Conc: 22.15 ug/ml



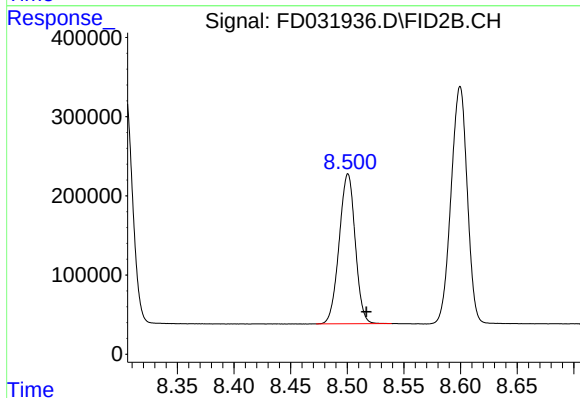
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.017 min
Response: 2812880
Conc: 21.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

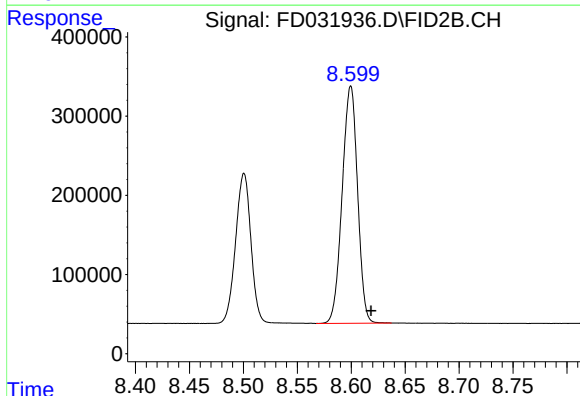
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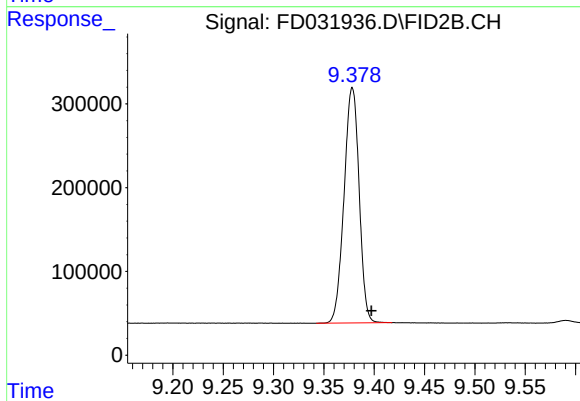
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.501 min
Delta R.T.: -0.016 min
Response: 1866902
Conc: 21.89 ug/ml



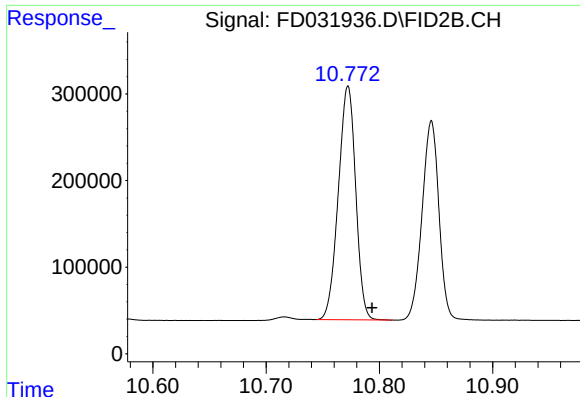
#7 Acenaphthene (C15.5)

R.T.: 8.600 min
Delta R.T.: -0.019 min
Response: 2976108
Conc: 22.02 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.378 min
Delta R.T.: -0.019 min
Response: 2930475
Conc: 21.79 ug/ml



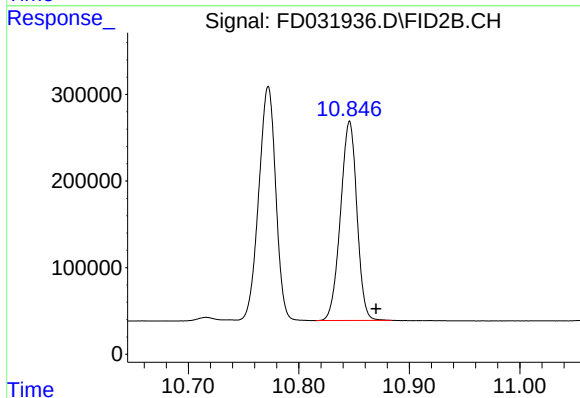
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.021 min
Response: 2878779
Conc: 21.34 ug/ml

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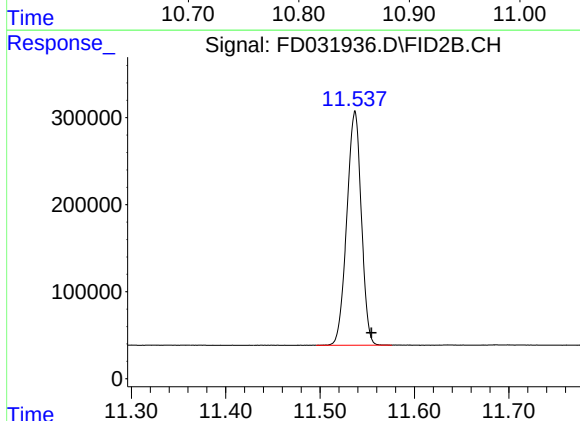
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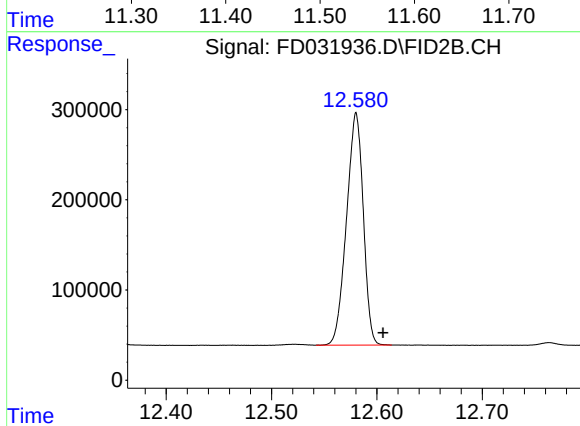
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.024 min
Response: 2375248
Conc: 17.81 ug/ml



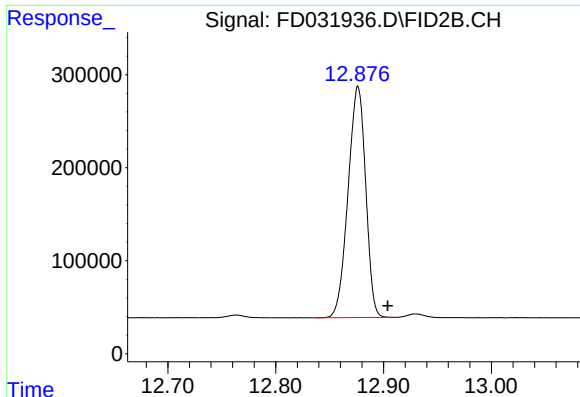
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.017 min
Response: 2872823
Conc: 21.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.026 min
Response: 2852236
Conc: 21.08 ug/ml



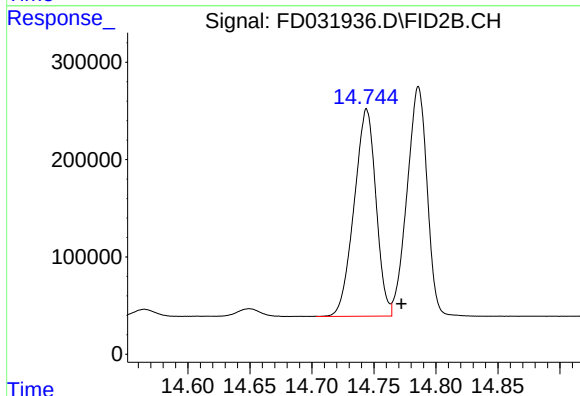
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.027 min
Response: 2817489
Conc: 21.02 ug/ml

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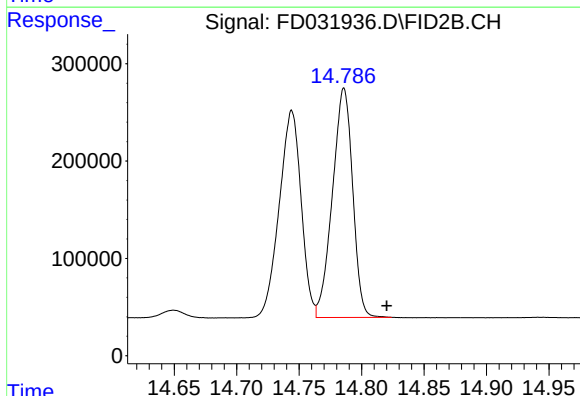
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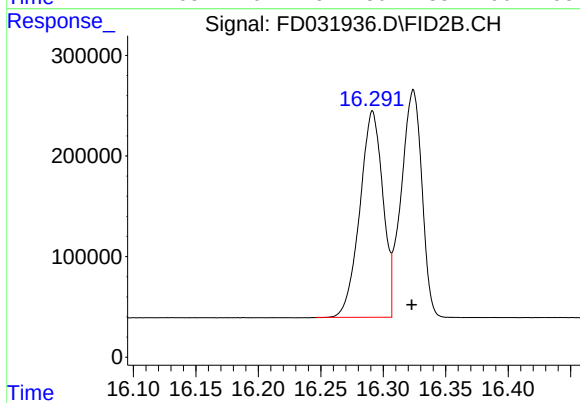
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.029 min
Response: 2614742
Conc: 20.52 ug/ml m



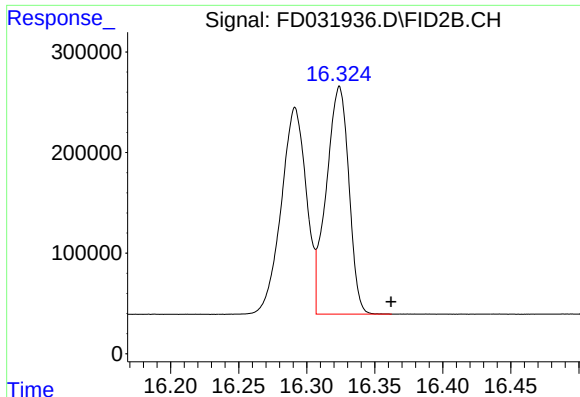
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.034 min
Response: 2655648
Conc: 20.81 ug/ml



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

R.T.: 16.291 min
Delta R.T.: -0.032 min
Response: 2651054
Conc: 21.52 ug/ml m



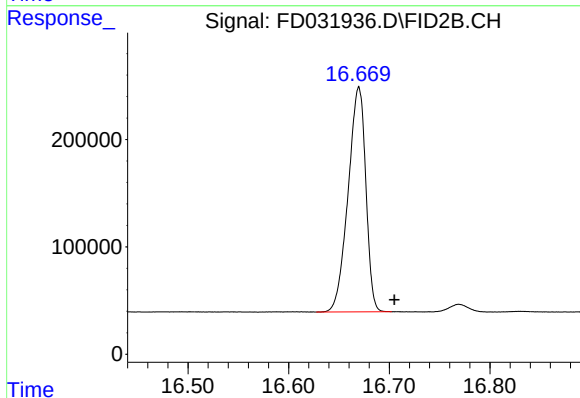
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.038 min
Response: 2614237
Conc: 21.50 ug/ml

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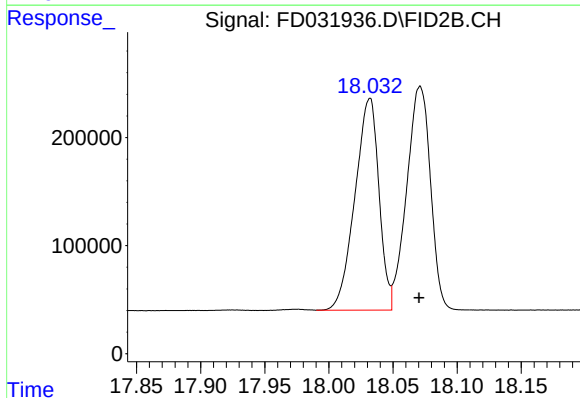
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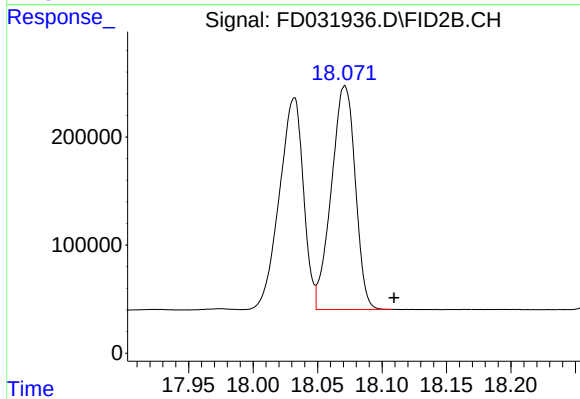
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: -0.035 min
Response: 2553936
Conc: 21.31 ug/ml



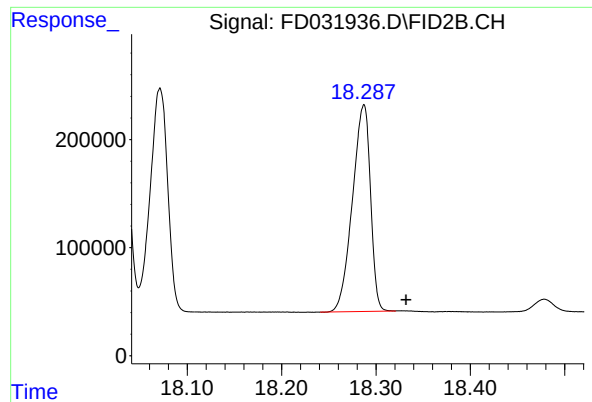
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.038 min
Response: 2554737
Conc: 22.22 ug/ml m



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

R.T.: 18.071 min
Delta R.T.: -0.038 min
Response: 2672025
Conc: 23.67 ug/ml



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

R.T.: 18.287 min
Delta R.T.: -0.045 min
Response: 2538208
Conc: 22.40 ug/ml

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