

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122719AR\
 Data File : FD031908.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2019 9:32
 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

mohammad
 12/30/2019 1:57:35 PM

Integration File: autoint1.e
 Quant Time: Dec 28 00:20:36 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	2720212	21.992 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
6) S 2-Fluorobiphenyl (SURR)	8.500	1856782	21.769 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.54%
11) S ortho-Terphenyl (SURR)	11.536	2845842	21.510 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	2879075	22.782 ug/ml
2) T Naphthalene (C11.7)	5.980	3022693	22.416 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	2977989	22.128 ug/ml
5) T Acenaphthylene (C15.06)	8.304	2794855	21.441 ug/ml
7) T Acenaphthene (C15.5)	8.599	2954464	21.862 ug/ml
8) T Flouorene (C16.55)	9.378	2912858	21.656 ug/ml
9) T Phenanthrene (C19.36)	10.772	2862970	21.226 ug/ml
10) T Anthracene (C19.43)	10.845	2414200	18.099 ug/ml
12) T Fluoranthene (C21.85)	12.580	2826489	20.890 ug/ml
13) T Pyrene (C20.8)	12.876	2788138	20.802 ug/ml
14) T Benzo[a]anthracene (C...	14.743	2582909	20.274 ug/mlm
15) T Chrysene (C27.41)	14.786	2620825	20.542 ug/ml
16) T benzo[b]fluoranthene ...	16.290	2592756	21.047 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.323	2560007	21.058 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	2519977	21.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.030	2532980	22.033 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2584899	22.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2495231	22.020 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

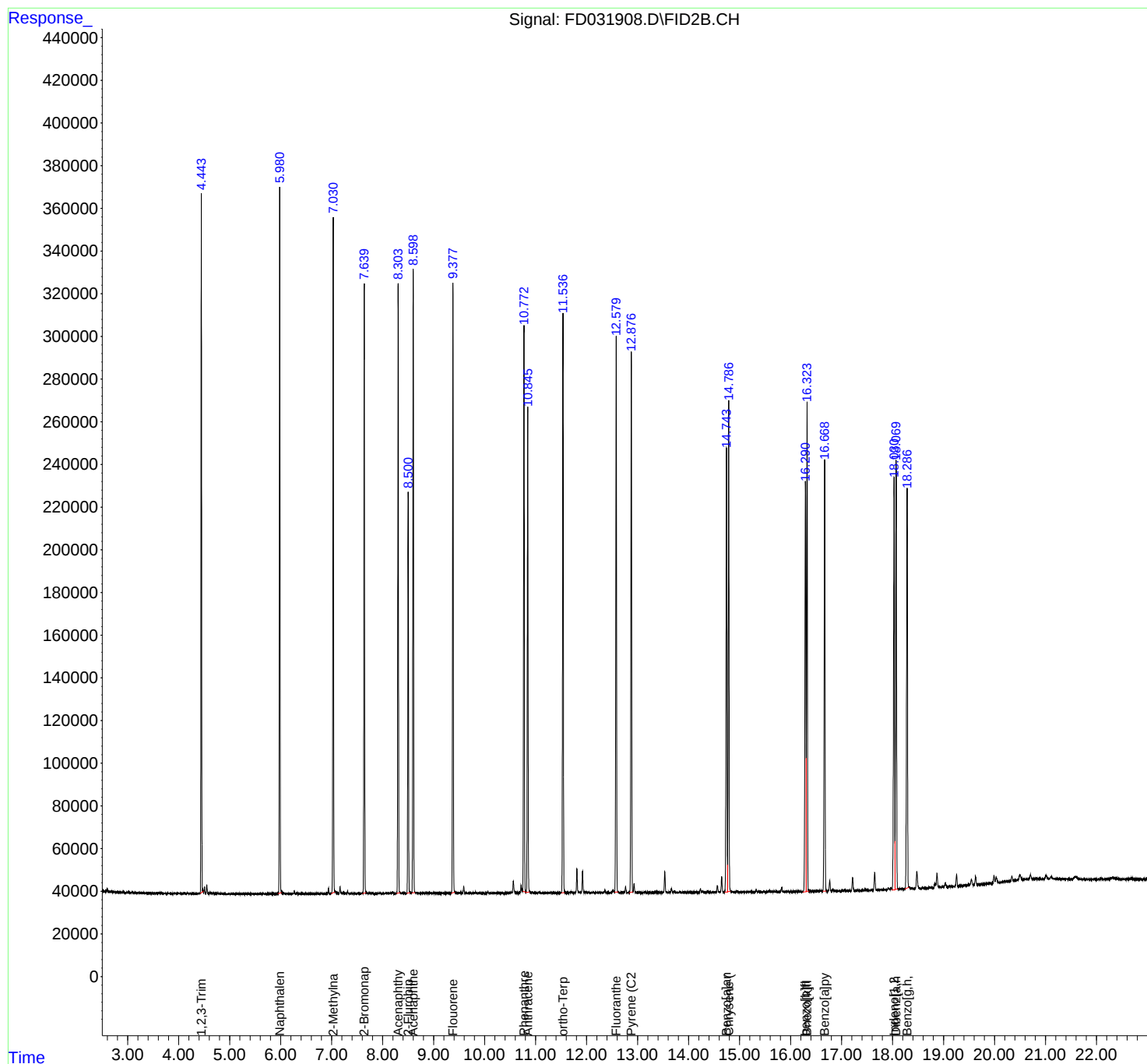
Instrument :
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20 PPM AROMATIC HC STD

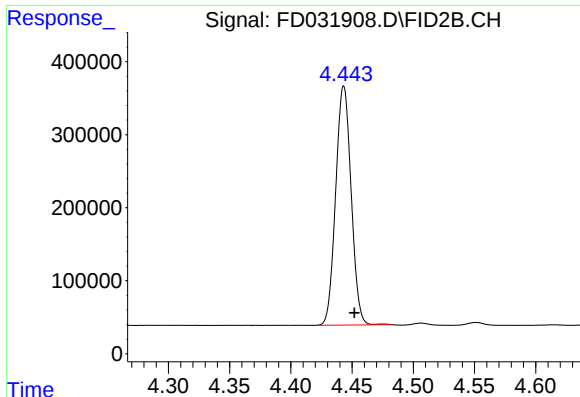
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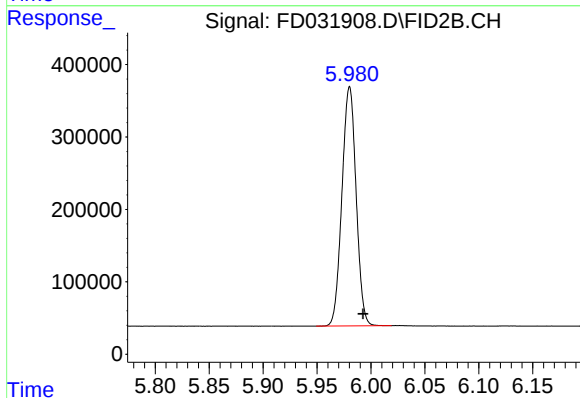
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: -0.009 min
Response: 2879075
Conc: 22.78 ug/ml

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20 PPM AROMATIC HC STD

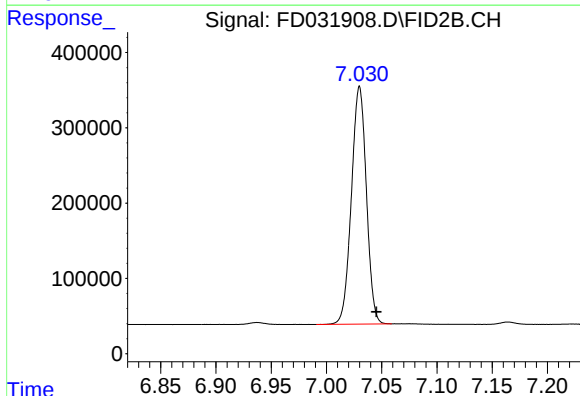
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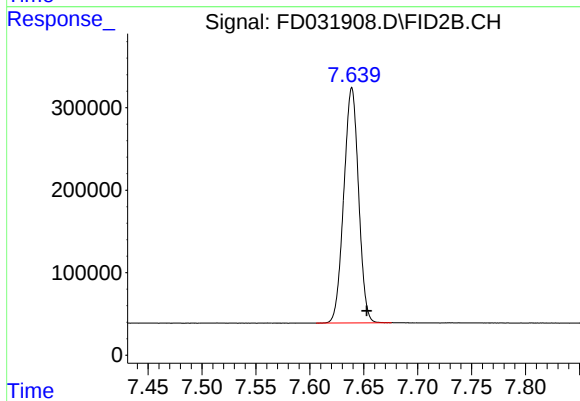
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.012 min
Response: 3022693
Conc: 22.42 ug/ml



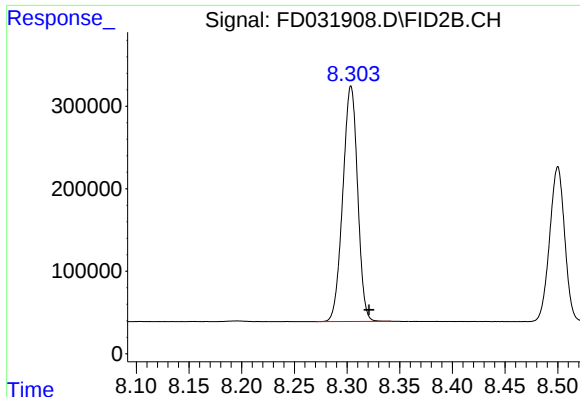
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.015 min
Response: 2977989
Conc: 22.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.639 min
Delta R.T.: -0.014 min
Response: 2720212
Conc: 21.99 ug/ml



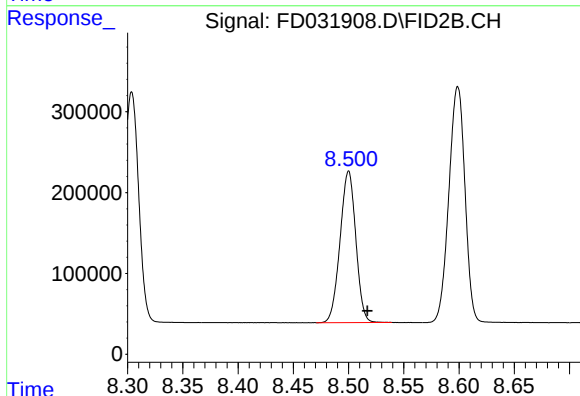
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.017 min
Response: 2794855
Conc: 21.44 ug/ml

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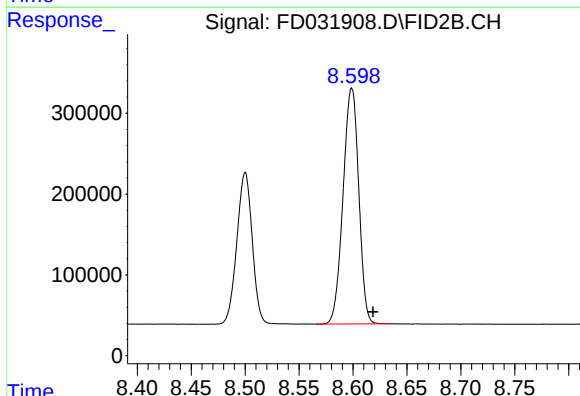
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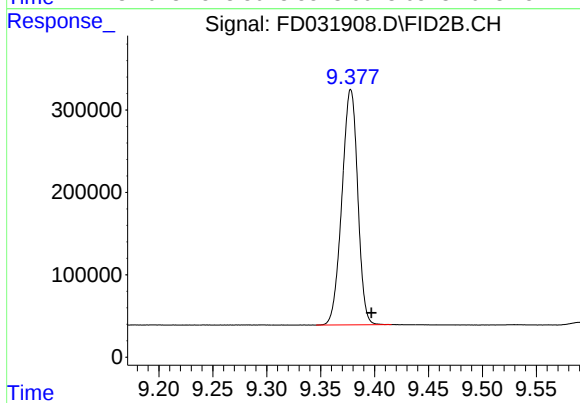
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 1856782
Conc: 21.77 ug/ml



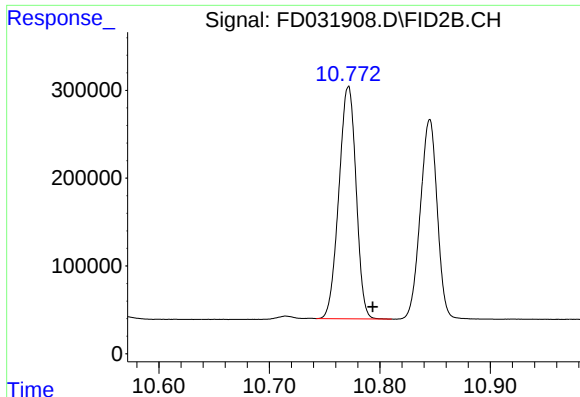
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.020 min
Response: 2954464
Conc: 21.86 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.378 min
Delta R.T.: -0.019 min
Response: 2912858
Conc: 21.66 ug/ml



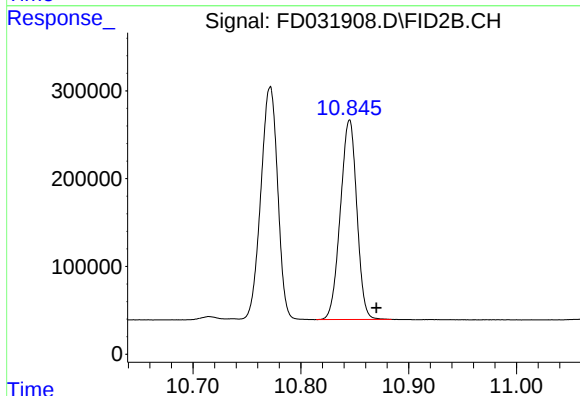
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.022 min
Response: 2862970
Conc: 21.23 ug/ml

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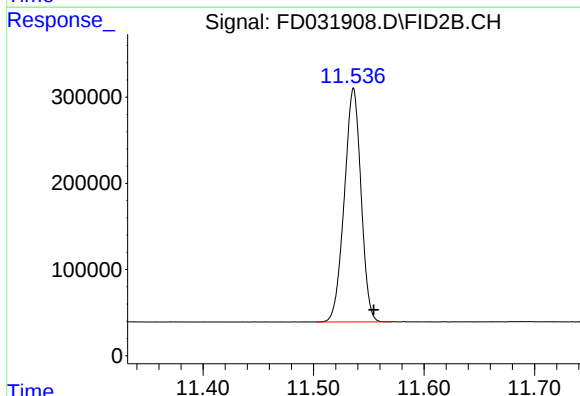
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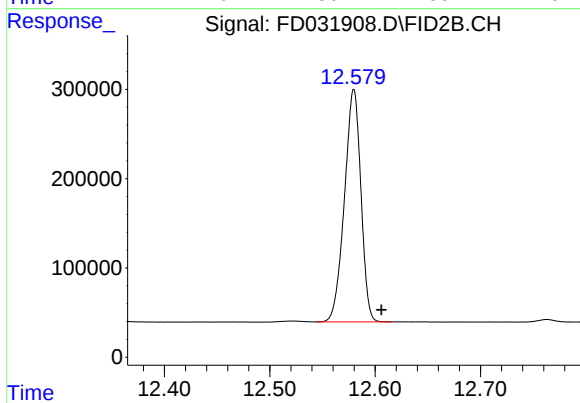
#10 Anthracene (C19.43)

R.T.: 10.845 min
Delta R.T.: -0.025 min
Response: 2414200
Conc: 18.10 ug/ml



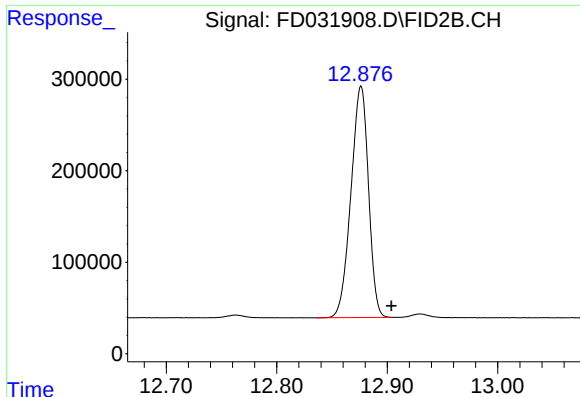
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.018 min
Response: 2845842
Conc: 21.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.026 min
Response: 2826489
Conc: 20.89 ug/ml



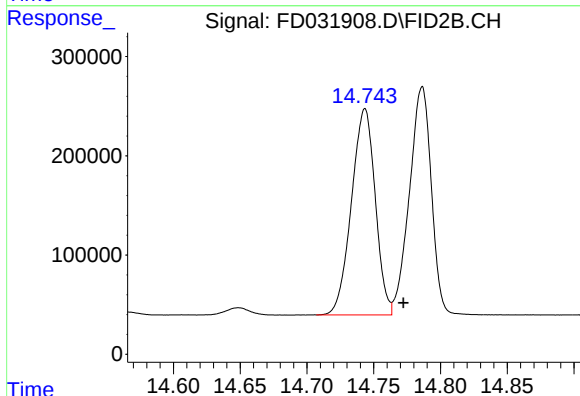
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.028 min
Response: 2788138
Conc: 20.80 ug/ml

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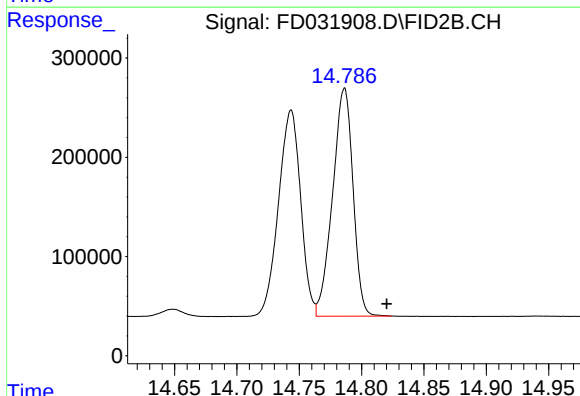
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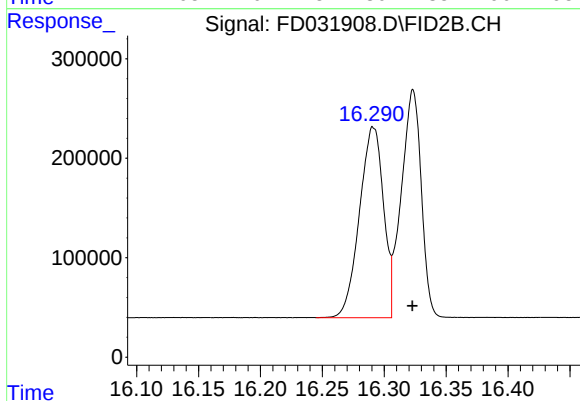
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: -0.029 min
Response: 2582909
Conc: 20.27 ug/ml m



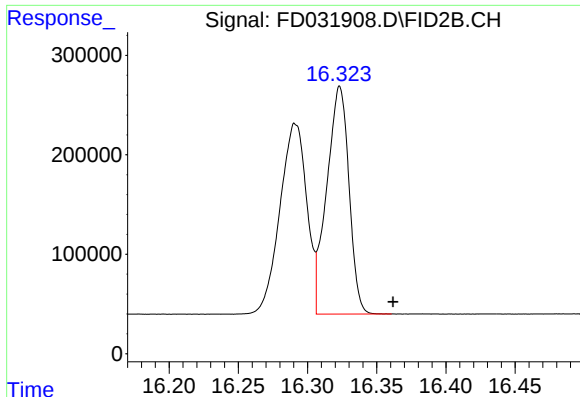
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.034 min
Response: 2620825
Conc: 20.54 ug/ml



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

R.T.: 16.290 min
Delta R.T.: -0.033 min
Response: 2592756
Conc: 21.05 ug/ml m



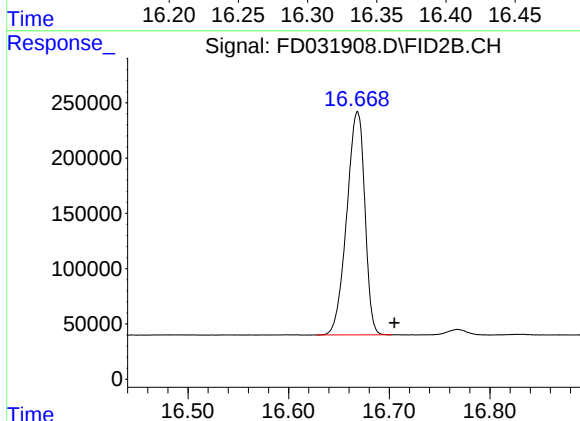
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.323 min
Delta R.T.: -0.039 min
Response: 2560007
Conc: 21.06 ug/ml

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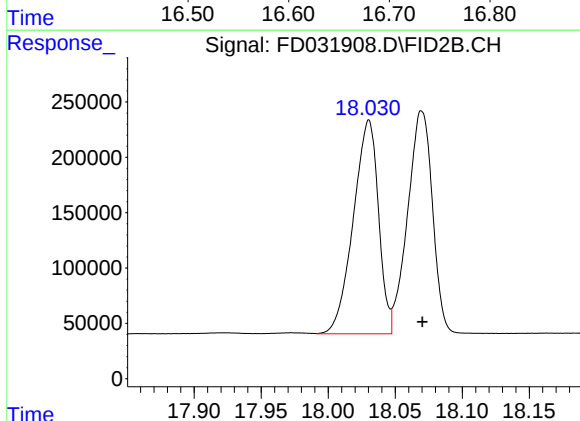
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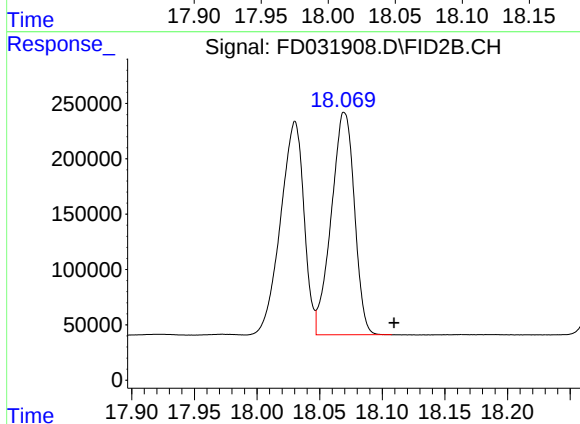
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.037 min
Response: 2519977
Conc: 21.02 ug/ml



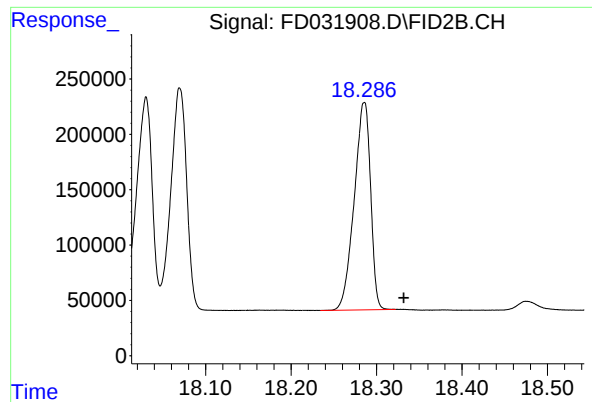
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.030 min
Delta R.T.: -0.041 min
Response: 2532980
Conc: 22.03 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.040 min
Response: 2584899
Conc: 22.90 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.046 min
Response: 2495231
Conc: 22.02 ug/ml

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