

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031921AR\
 Data File : FD036472.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2021 15:35
 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

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 3/22/2021 2:17:38 PM

Integration File: autoint1.e
 Quant Time: Mar 22 01:31:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.596	2566416	21.773 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
6) S 2-Fluorobiphenyl (SURR)	8.455	1802342	21.657 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.31%
11) S ortho-Terphenyl (SURR)	11.496	2970664	21.086 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.397	2762083	22.030 ug/ml
2) T Naphthalene (C11.7)	5.934	2976815	21.967 ug/ml
3) T 2-Methylnaphthalene (...)	6.985	2990531	21.900 ug/ml
5) T Acenaphthylene (C15.06)	8.260	2881460	21.417 ug/ml
7) T Acenaphthene (C15.5)	8.555	2994584	21.635 ug/ml
8) T Fluorene (C16.55)	9.334	2919930	21.396 ug/ml
9) T Phenanthrene (C19.36)	10.728	2917538	21.176 ug/ml
10) T Anthracene (C19.43)	10.802	2585101	19.255 ug/ml
12) T Fluoranthene (C21.85)	12.537	2901797	20.895 ug/ml
13) T Pyrene (C20.8)	12.833	2850906	20.795 ug/ml
14) T Benzo[a]anthracene (C...	14.701	2609095	20.628 ug/ml
15) T Chrysene (C27.41)	14.743	2746590	21.209 ug/ml
16) T benzo[b]fluoranthene ...	16.247	2595763	21.329 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.280	2515514	21.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	2337743	21.199 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2446894	22.116 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	2538202	22.936 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	2467398	22.315 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
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ALS Vial : 52 Sample Multiplier: 1

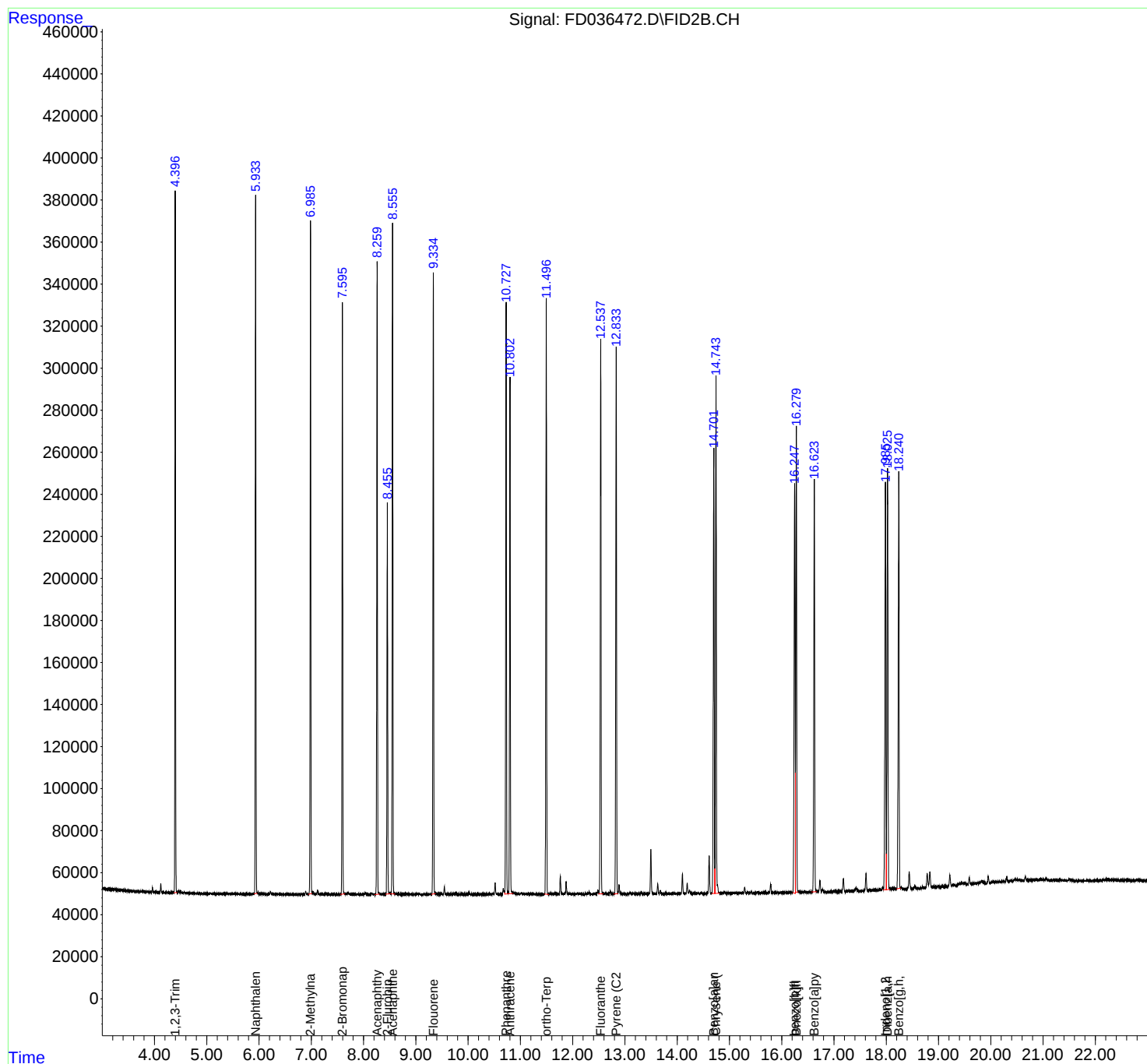
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20 PPM AROMATIC HC STD

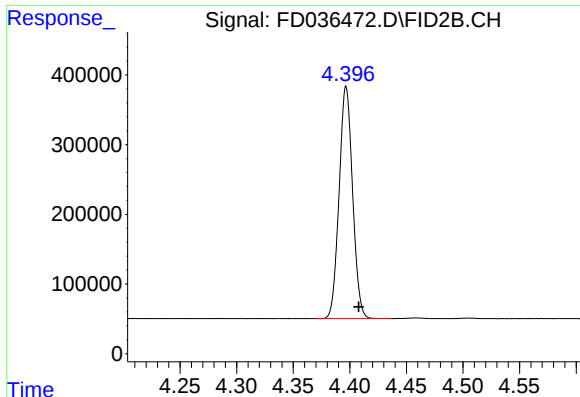
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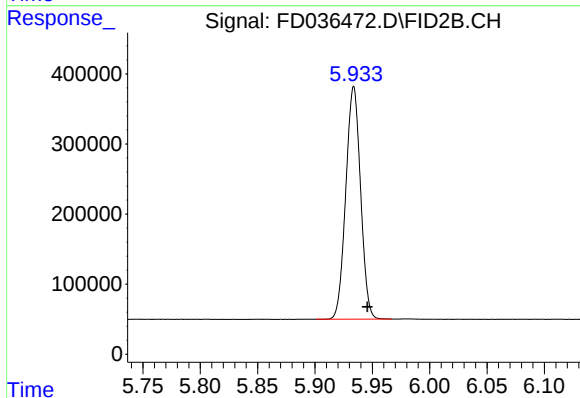
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.397 min
Delta R.T.: -0.011 min
Response: 2762083
Conc: 22.03 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

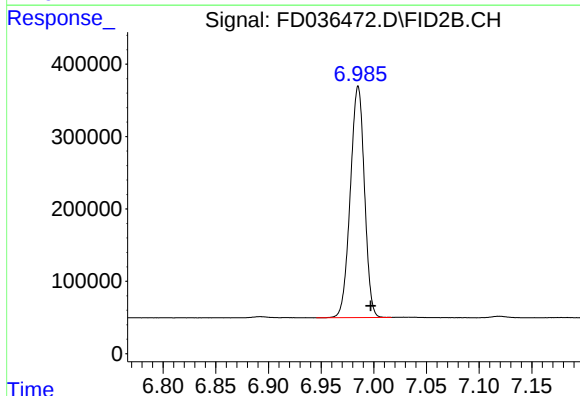
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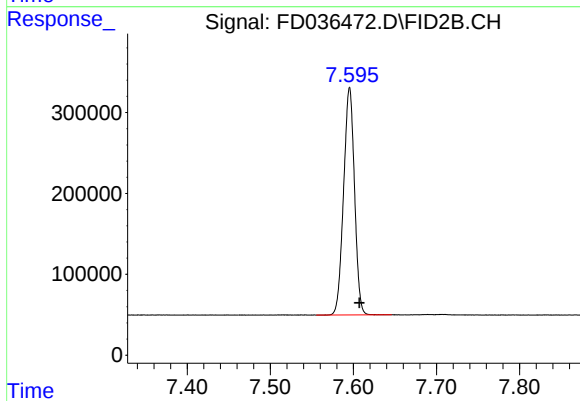
#2 Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.012 min
Response: 2976815
Conc: 21.97 ug/ml



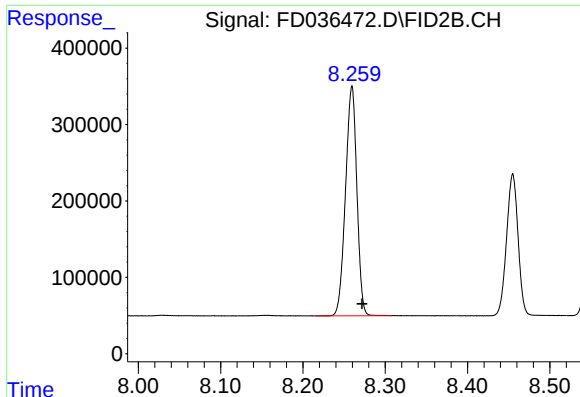
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.012 min
Response: 2990531
Conc: 21.90 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min
Delta R.T.: -0.012 min
Response: 2566416
Conc: 21.77 ug/ml



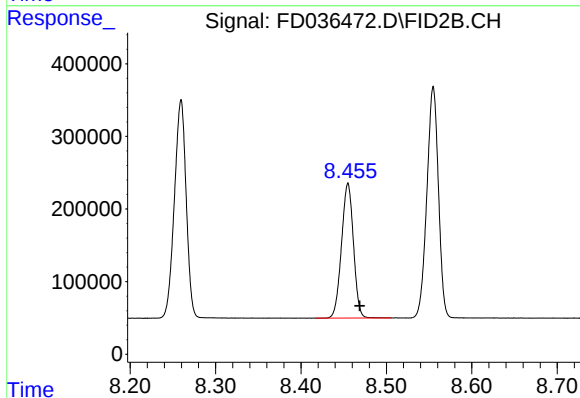
#5 Acenaphthylene (C15.06)

R.T.: 8.260 min
Delta R.T.: -0.012 min
Response: 2881460
Conc: 21.42 ug/ml

Instrument :
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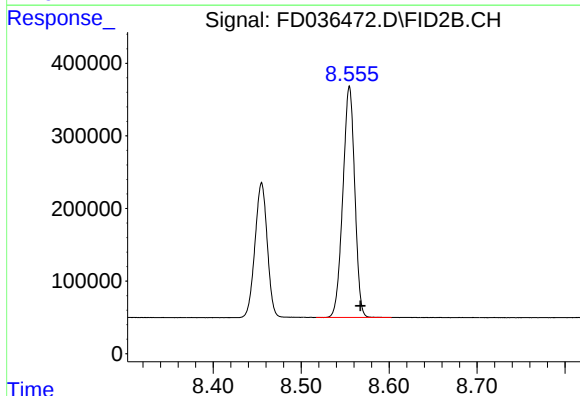
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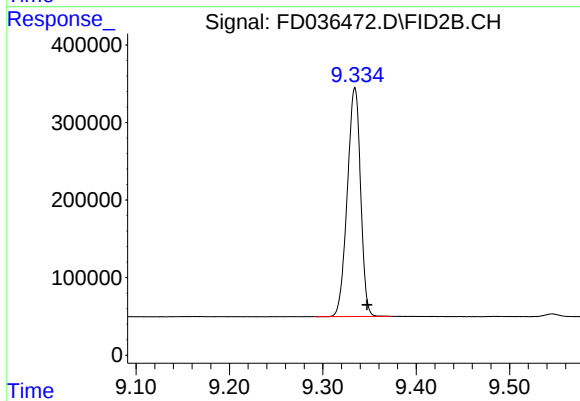
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.014 min
Response: 1802342
Conc: 21.66 ug/ml



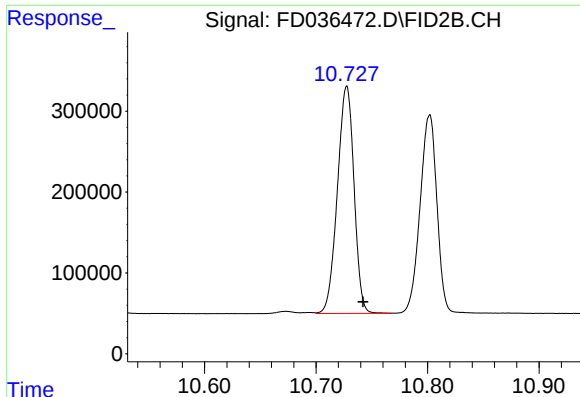
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: -0.012 min
Response: 2994584
Conc: 21.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.013 min
Response: 2919930
Conc: 21.40 ug/ml



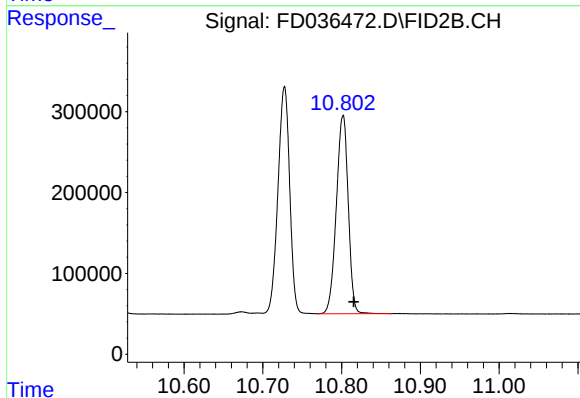
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.015 min
Response: 2917538
Conc: 21.18 ug/ml

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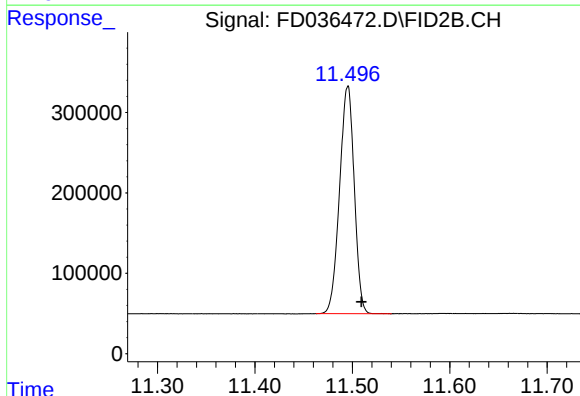
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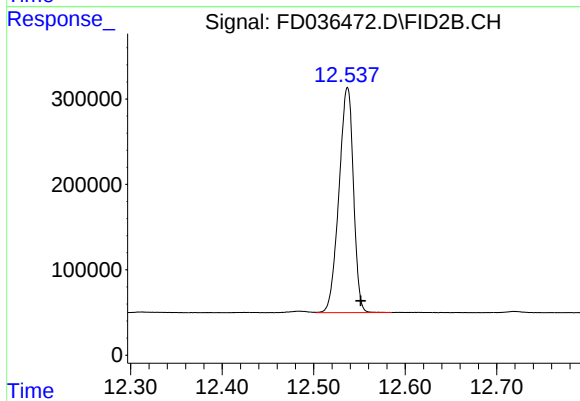
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.013 min
Response: 2585101
Conc: 19.25 ug/ml



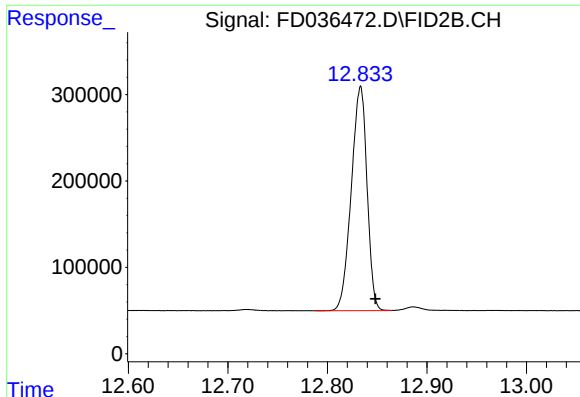
#11 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.014 min
Response: 2970664
Conc: 21.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.014 min
Response: 2901797
Conc: 20.90 ug/ml



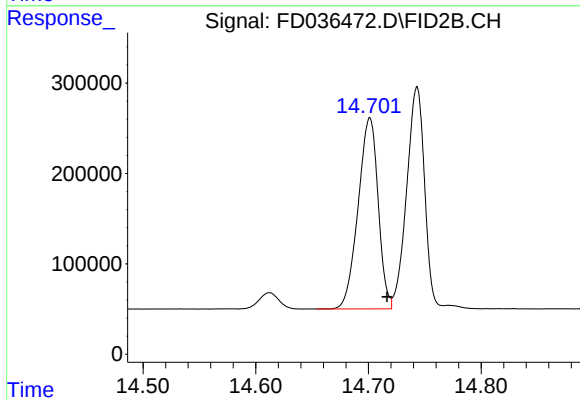
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 2850906
Conc: 20.79 ug/ml

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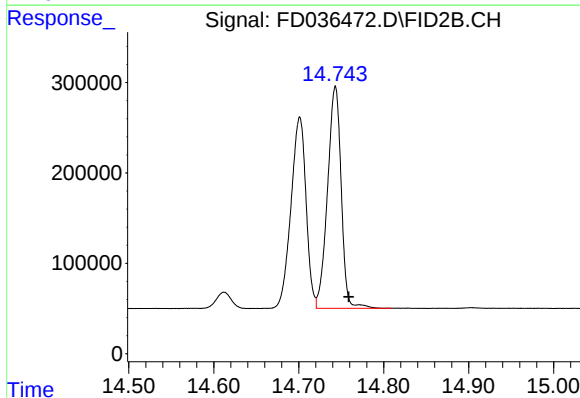
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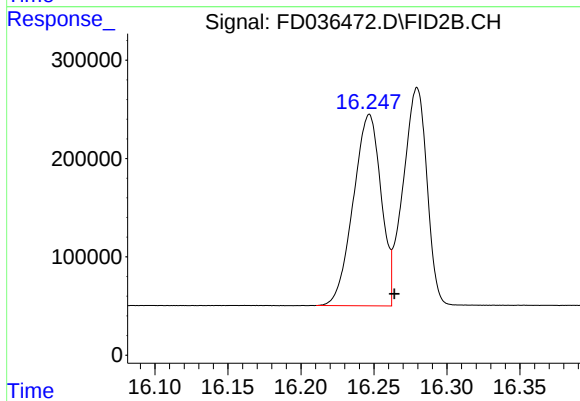
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: -0.015 min
Response: 2609095
Conc: 20.63 ug/ml



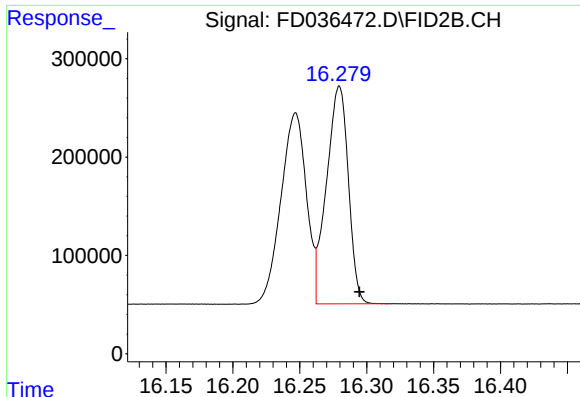
#15 Chrysene (C27.41)

R.T.: 14.743 min
Delta R.T.: -0.016 min
Response: 2746590
Conc: 21.21 ug/ml



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

R.T.: 16.247 min
Delta R.T.: -0.017 min
Response: 2595763
Conc: 21.33 ug/ml m



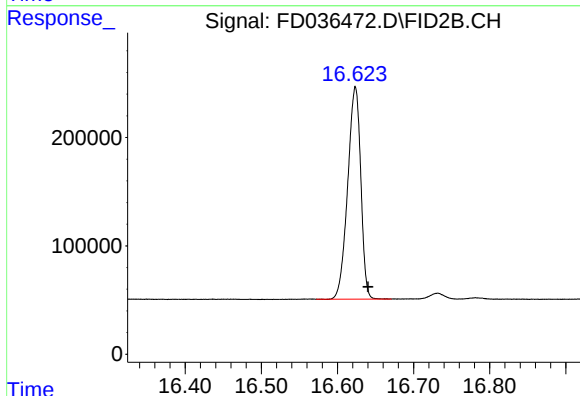
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.280 min
Delta R.T.: -0.015 min
Response: 2515514
Conc: 21.36 ug/ml

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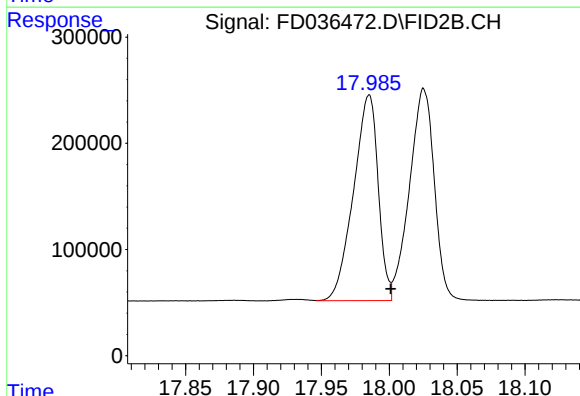
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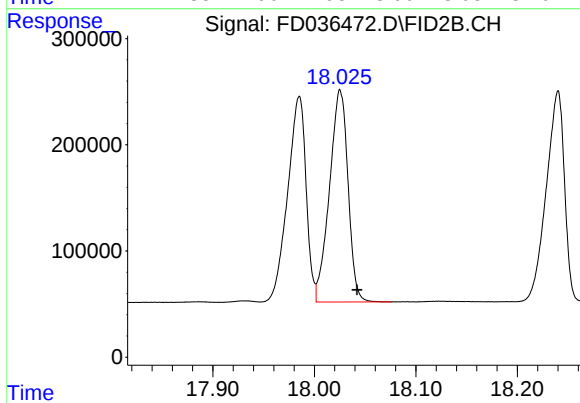
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: -0.017 min
Response: 2337743
Conc: 21.20 ug/ml



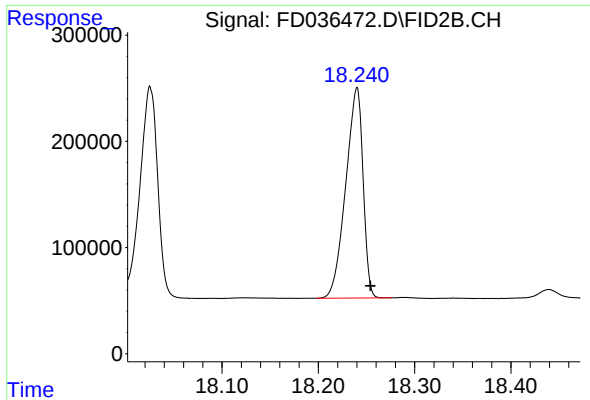
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: -0.016 min
Response: 2446894
Conc: 22.12 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.017 min
Response: 2538202
Conc: 22.94 ug/ml



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

R.T.: 18.240 min
Delta R.T.: -0.014 min
Response: 2467398
Conc: 22.31 ug/ml

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