

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033021AR\
 Data File : FD036663.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2021 00:57
 Operator : DD\AJ
 Sample : PB135398BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135398BS

Manual Integrations
 APPROVED

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 4/1/2021 8:45:06 AM

Integration File: autoint1.e
 Quant Time: Mar 31 07:37:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.594	7944684	56.488 ug/ml
Spiked Amount 50.000		Recovery =	112.98%
6) S 2-Fluorobiphenyl (SURR)	8.453	3836953	40.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.75%
11) S ortho-Terphenyl (SURR)	11.494	6810768	44.593 ug/ml
Spiked Amount 50.000		Recovery =	89.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	4889996	33.360 ug/ml
2) T Naphthalene (C11.7)	5.929	5959223	37.918 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	6422857	40.867 ug/ml
5) T Acenaphthylene (C15.06)	8.257	6647036	44.361 ug/ml
7) T Acenaphthene (C15.5)	8.553	6727137	43.335 ug/ml
8) T Flouorene (C16.55)	9.334	7079299	47.020 ug/ml
9) T Phenanthrene (C19.36)	10.728	7047148	48.080 ug/ml
10) T Anthracene (C19.43)	10.804	7026286	48.535 ug/ml
12) T Fluoranthene (C21.85)	12.538	6828609	48.638 ug/ml
13) T Pyrene (C20.8)	12.835	6669343	48.610 ug/ml
14) T Benzo[a]anthracene (C...	14.701	5860099	49.345 ug/ml
15) T Chrysene (C27.41)	14.747	6241717	51.613 ug/mlm
16) T benzo[b]fluoranthene ...	16.249	5636084	51.362 ug/ml
17) T Bnezo[k]fluoranthene ...	16.285	5429636	51.079 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.629	5494582	55.132 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.990	5189827	51.631 ug/ml
20) T Dibenz[a,h]anthracene...	18.030	5314563	52.706 ug/ml
21) T Benzo[g,h,i]perylene ...	18.247	5367243	52.972 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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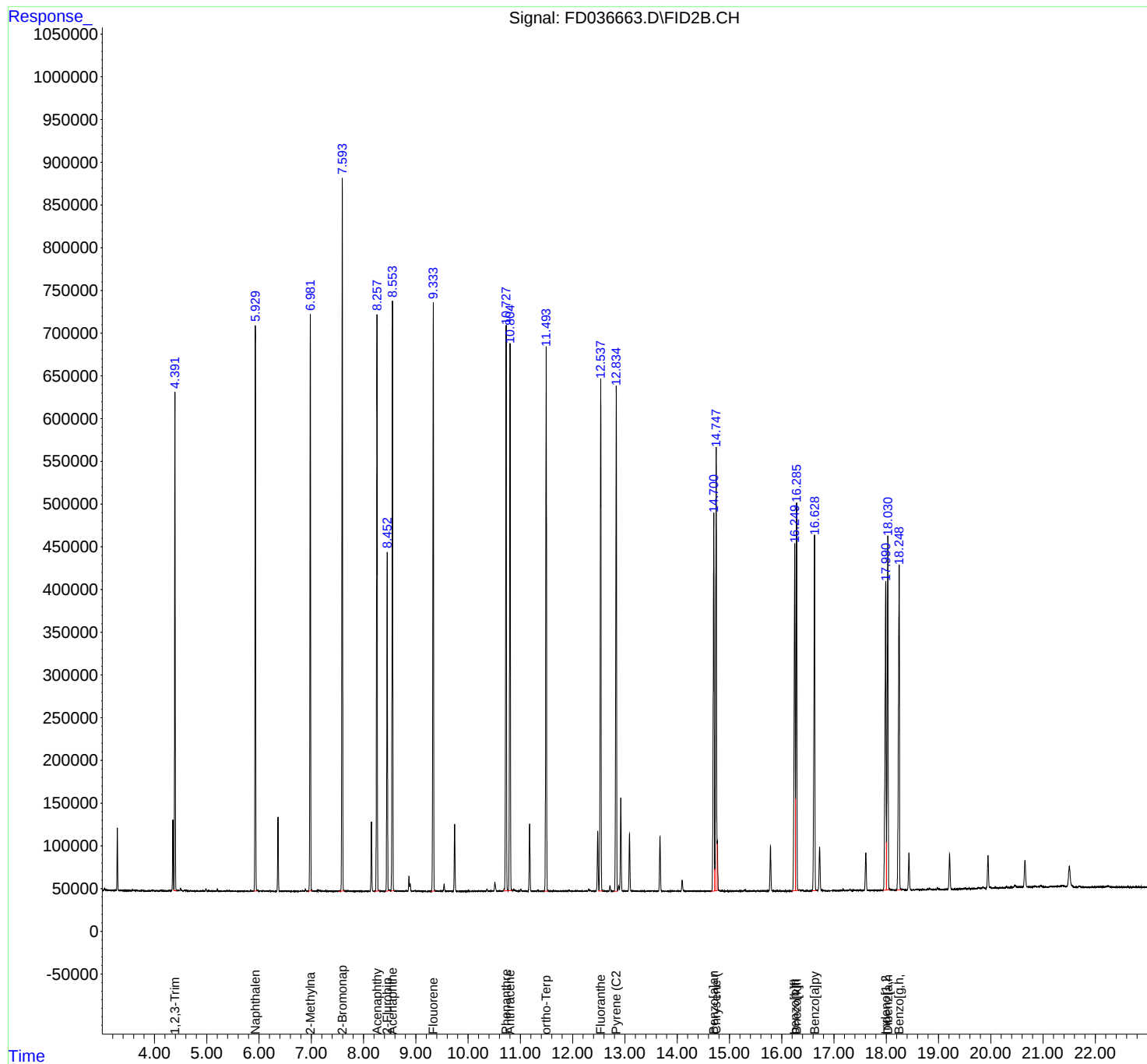
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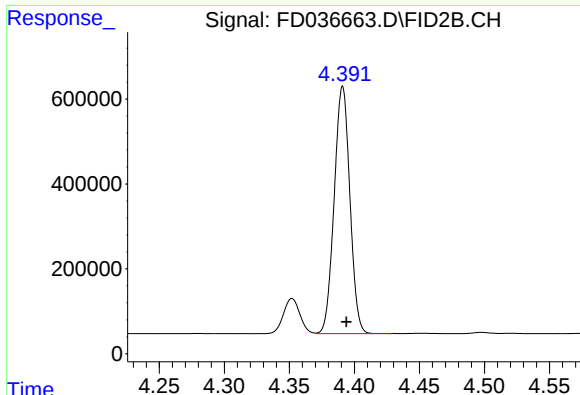
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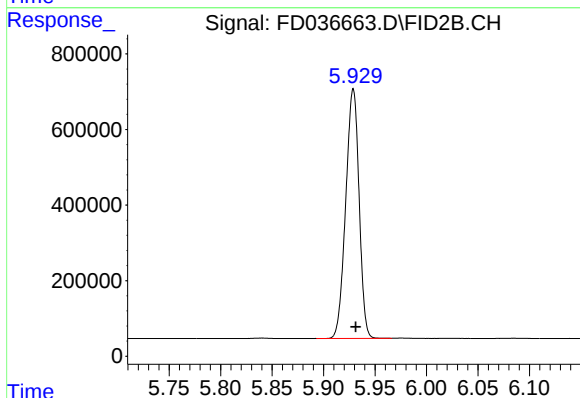
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 4889996
Conc: 33.36 ug/ml

Instrument :
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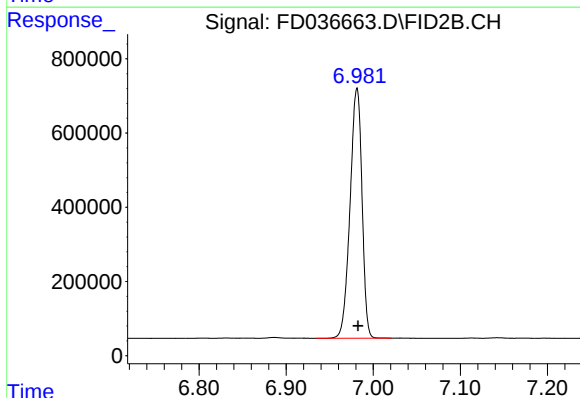
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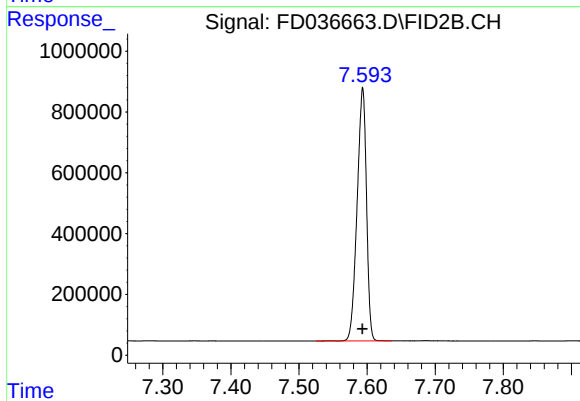
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 5959223
Conc: 37.92 ug/ml



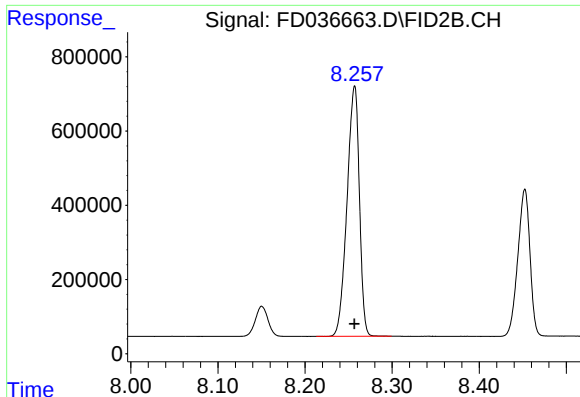
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 6422857
Conc: 40.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 7944684
Conc: 56.49 ug/ml



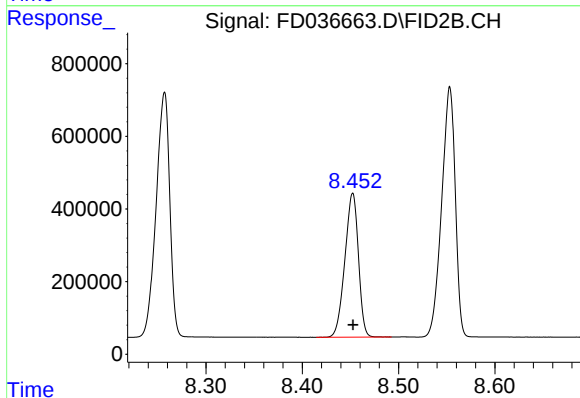
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 6647036
Conc: 44.36 ug/ml

Instrument :
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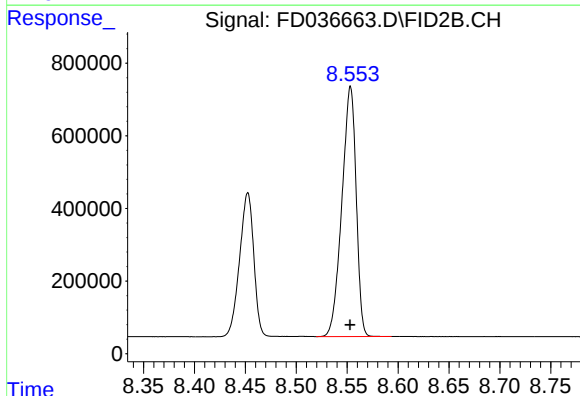
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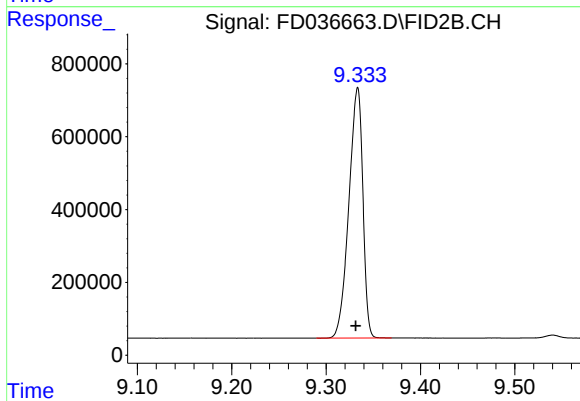
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 3836953
Conc: 40.88 ug/ml



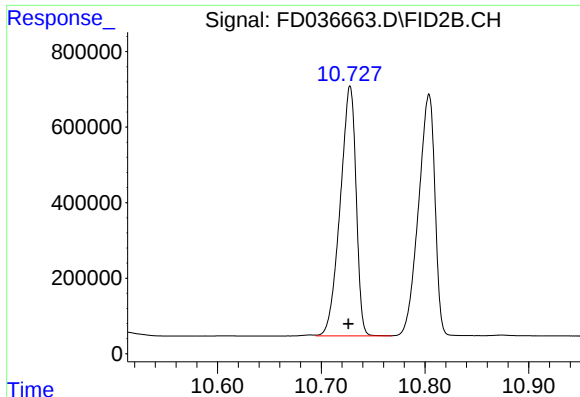
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 6727137
Conc: 43.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: 0.002 min
Response: 7079299
Conc: 47.02 ug/ml



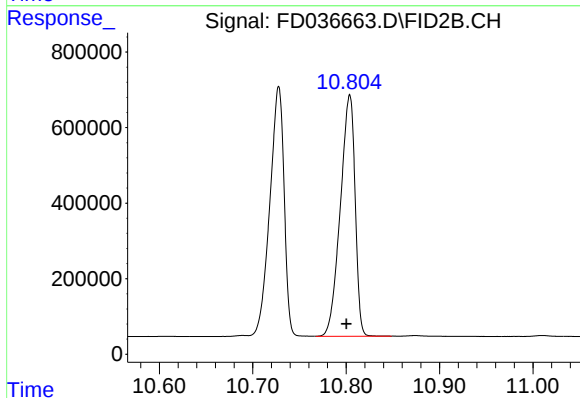
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 7047148
Conc: 48.08 ug/ml

Instrument :
FID_D
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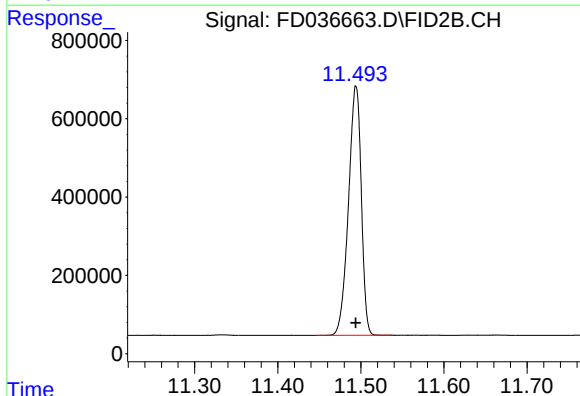
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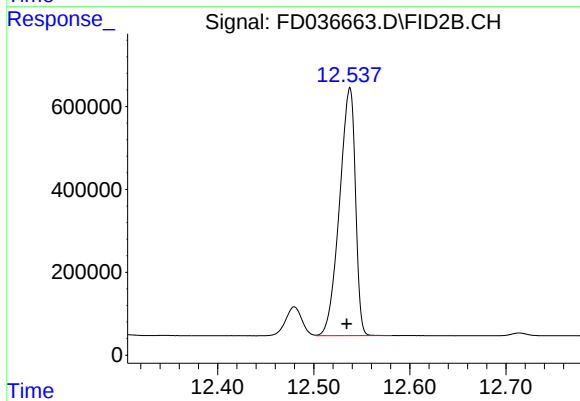
#10 Anthracene (C19.43)

R.T.: 10.804 min
Delta R.T.: 0.004 min
Response: 7026286
Conc: 48.53 ug/ml



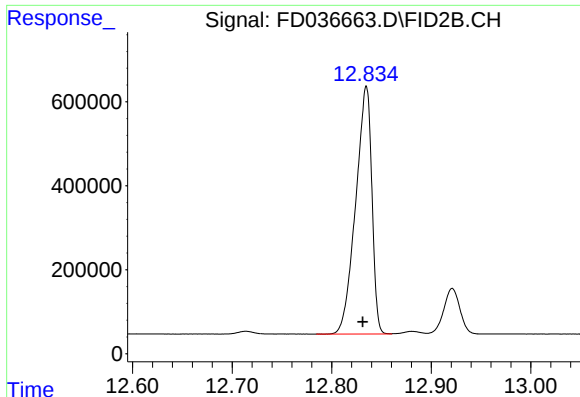
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 6810768
Conc: 44.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: 0.003 min
Response: 6828609
Conc: 48.64 ug/ml



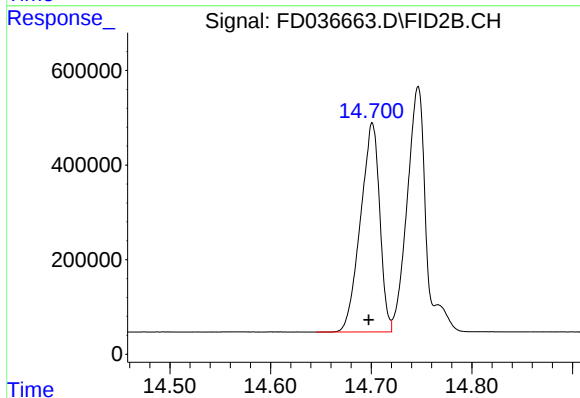
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: 0.004 min
Response: 6669343
Conc: 48.61 ug/ml

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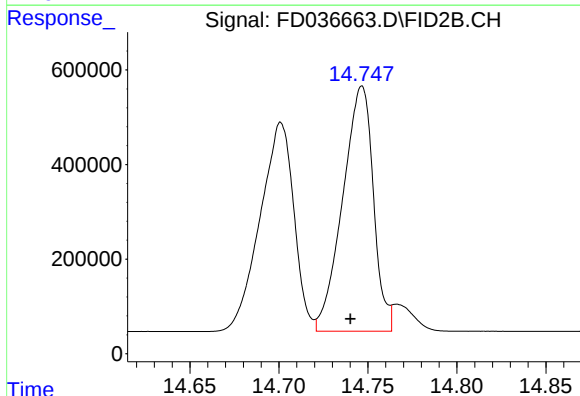
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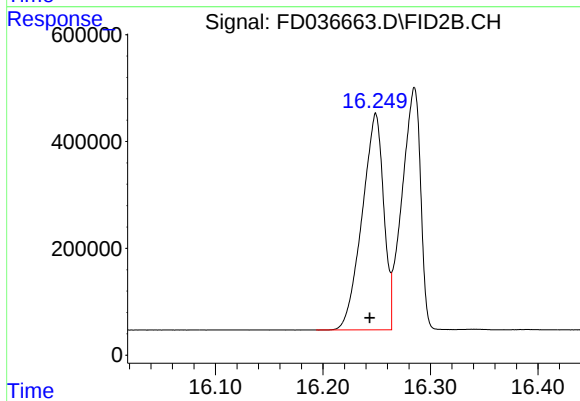
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: 0.003 min
Response: 5860099
Conc: 49.34 ug/ml



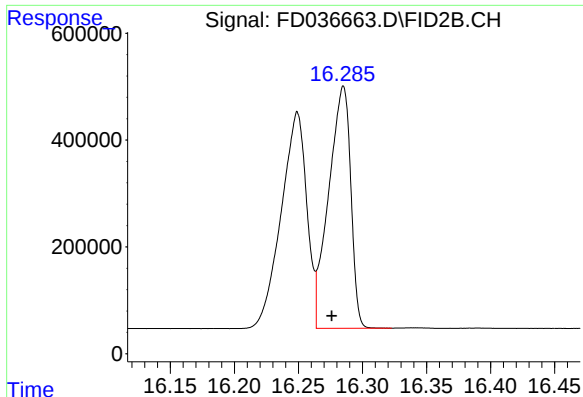
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.006 min
Response: 6241717
Conc: 51.61 ug/ml m



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

R.T.: 16.249 min
Delta R.T.: 0.006 min
Response: 5636084
Conc: 51.36 ug/ml



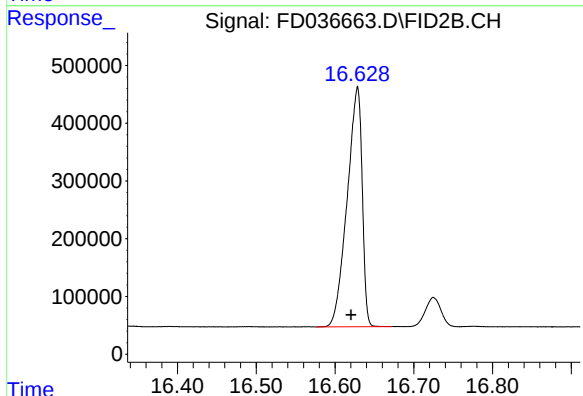
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.285 min
Delta R.T.: 0.009 min
Response: 5429636
Conc: 51.08 ug/ml

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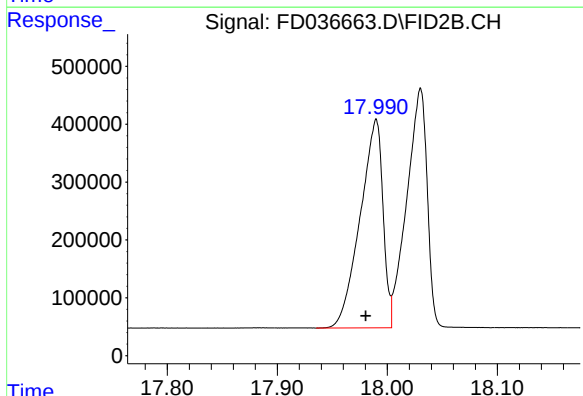
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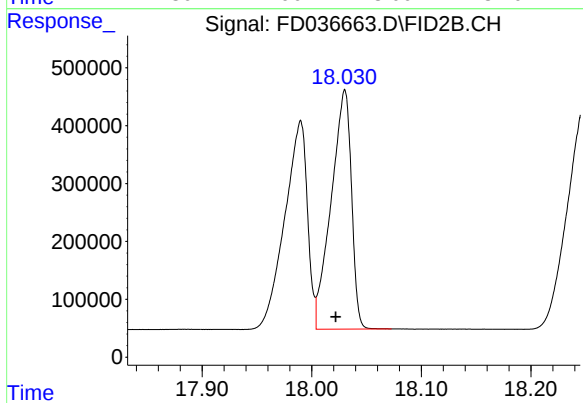
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.629 min
Delta R.T.: 0.008 min
Response: 5494582
Conc: 55.13 ug/ml



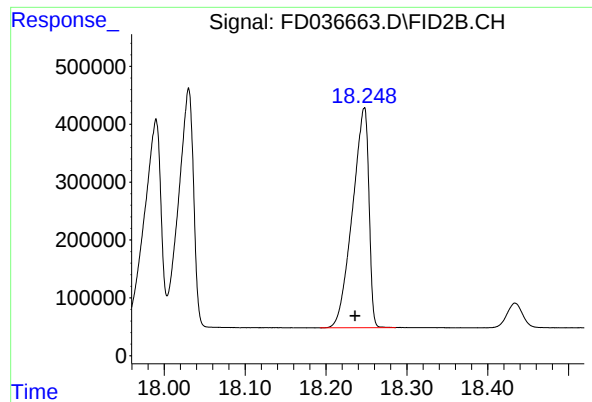
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.990 min
Delta R.T.: 0.009 min
Response: 5189827
Conc: 51.63 ug/ml



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

R.T.: 18.030 min
Delta R.T.: 0.008 min
Response: 5314563
Conc: 52.71 ug/ml



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

R.T.: 18.247 min
Delta R.T.: 0.011 min
Response: 5367243
Conc: 52.97 ug/ml

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