

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036835.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 3:10
 Operator : DD\AJ
 Sample : PB135630BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135630BSD

Manual Integrations
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 4/12/2021 4:16:48 PM

Integration File: autoint1.e
 Quant Time: Apr 10 04:27:36 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...	7.592	5673314	40.338 ug/ml
Spiked Amount 50.000		Recovery =	80.68%
6) S 2-Fluorobiphenyl (SURR)	8.453	3225226	34.359 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	68.72%
11) S ortho-Terphenyl (SURR)	11.494	5089970	33.327 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	3845020	26.231 ug/ml
2) T Naphthalene (C11.7)	5.928	4411263	28.068 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	4576156	29.117 ug/ml
5) T Acenaphthylene (C15.06)	8.256	4883304	32.590 ug/ml
7) T Acenaphthene (C15.5)	8.552	4856610	31.286 ug/ml
8) T Fluorene (C16.55)	9.332	4992577	33.160 ug/ml
9) T Phenanthrene (C19.36)	10.728	4921674	33.579 ug/ml
10) T Anthracene (C19.43)	10.803	4866714	33.617 ug/ml
12) T Fluoranthene (C21.85)	12.538	4690633	33.410 ug/ml
13) T Pyrene (C20.8)	12.835	4629340	33.741 ug/ml
14) T Benzo[a]anthracene (C...	14.704	4277790	36.021 ug/ml
15) T Chrysene (C27.41)	14.748	4480451	37.049 ug/ml
16) T benzo[b]fluoranthene ...	16.254	4474841	40.780 ug/ml
17) T Bnezo[k]fluoranthene ...	16.288	4322290	40.662 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.633	4445317	44.604 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.995	4158295	41.369 ug/ml
20) T Dibenz[a,h]anthracene...	18.035	4197243	41.626 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	4253805	41.983 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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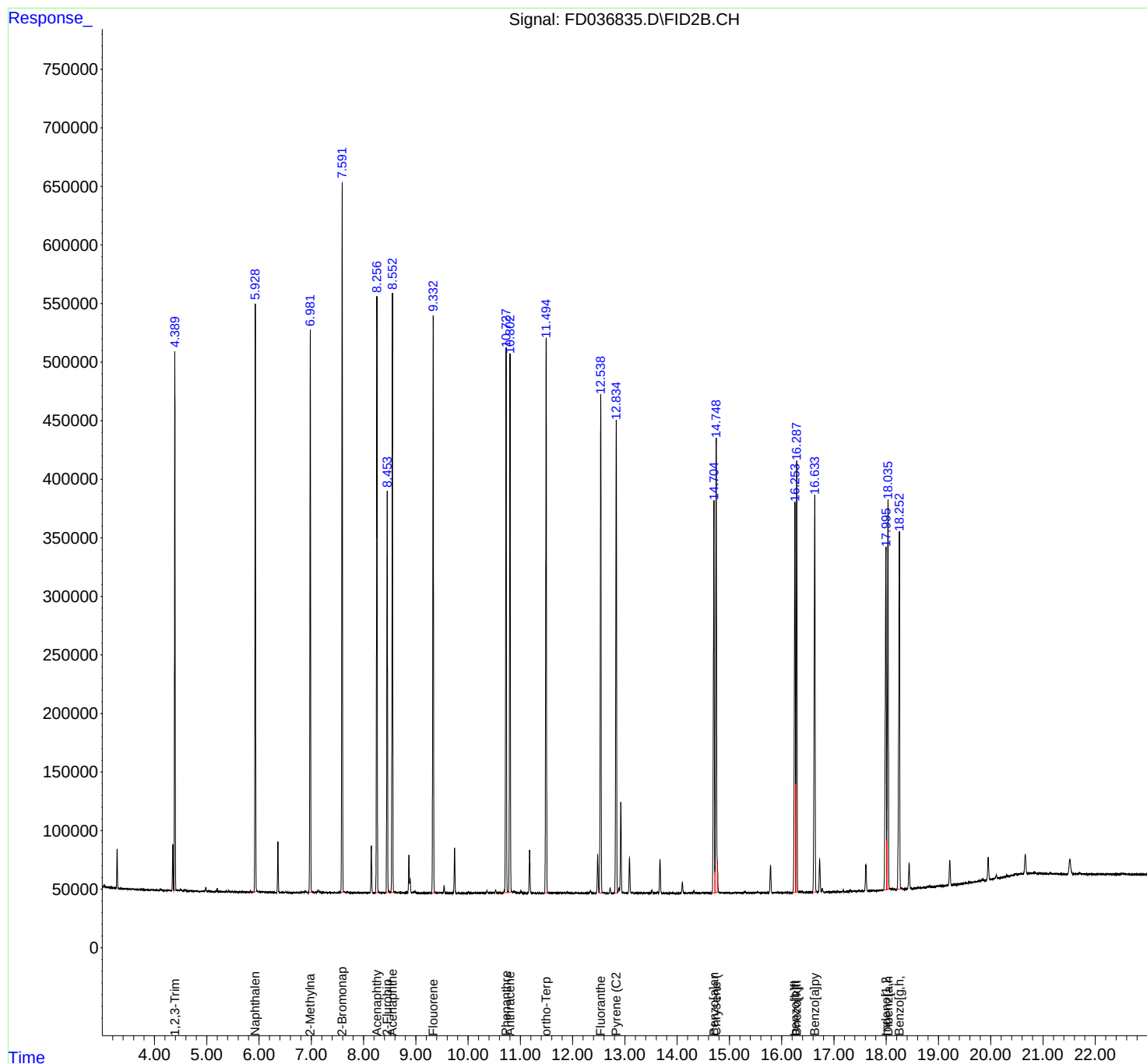
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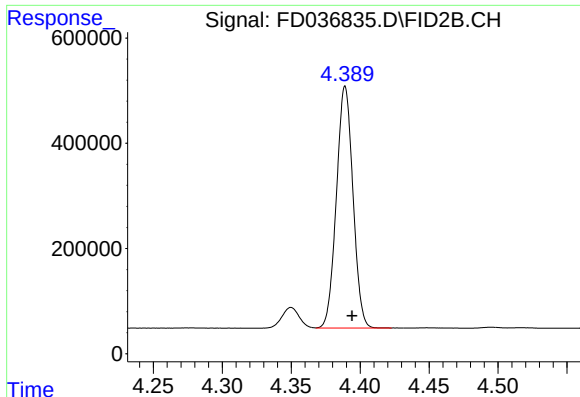
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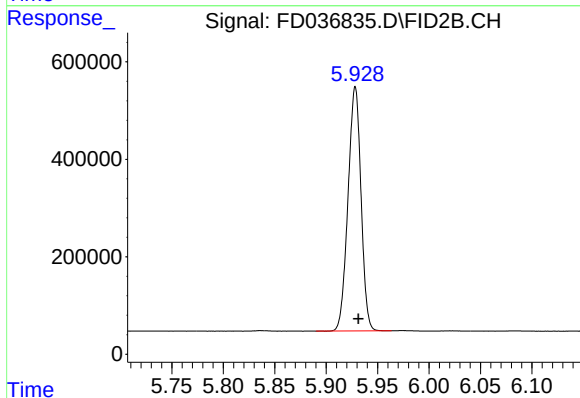
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.005 min
Response: 3845020
Conc: 26.23 ug/ml

Instrument :
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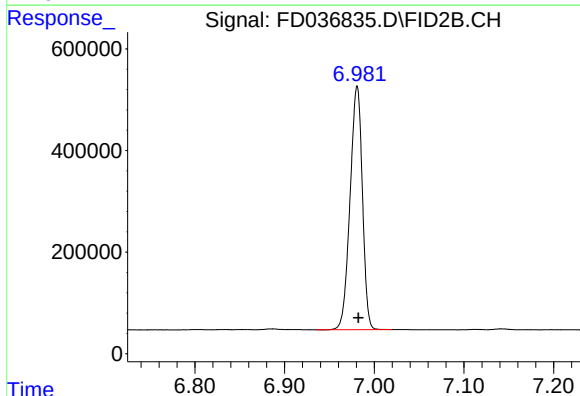
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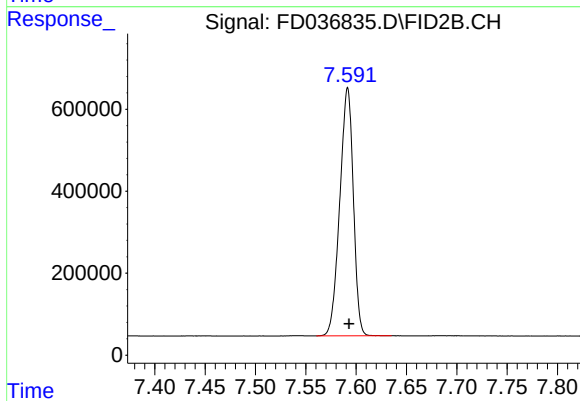
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 4411263
Conc: 28.07 ug/ml



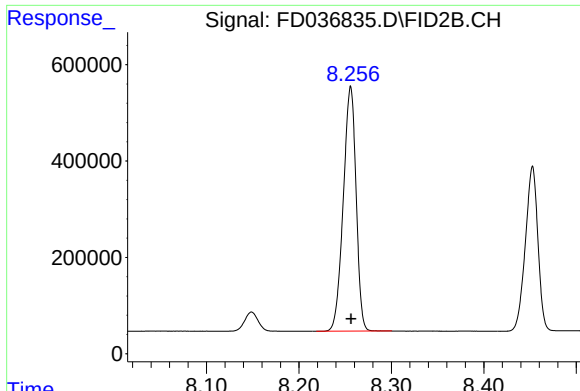
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 4576156
Conc: 29.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 5673314
Conc: 40.34 ug/ml



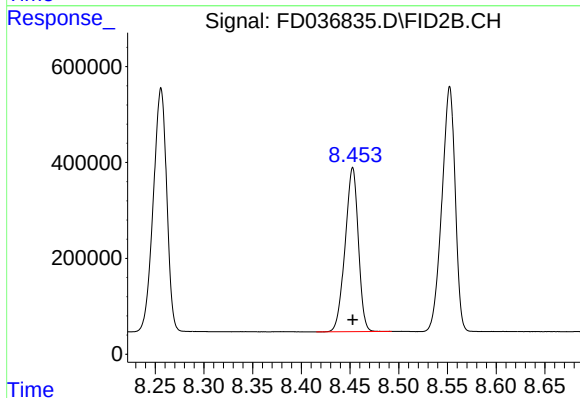
#5 Acenaphthylene (C15.06)

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 4883304
Conc: 32.59 ug/ml

Instrument :
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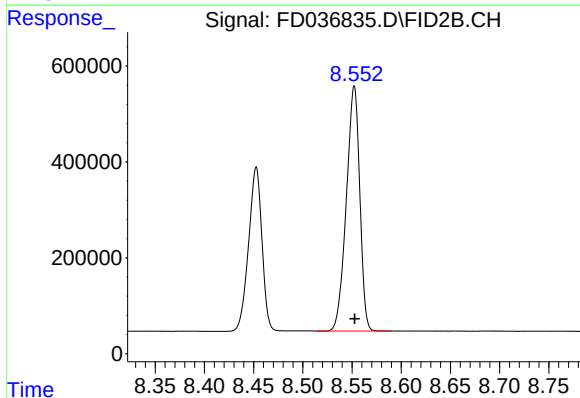
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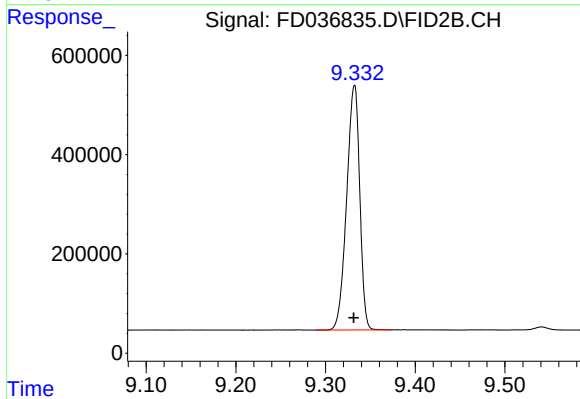
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 3225226
Conc: 34.36 ug/ml



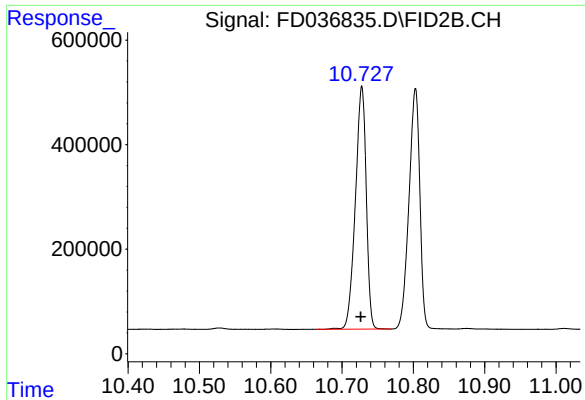
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 4856610
Conc: 31.29 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.332 min
Delta R.T.: 0.001 min
Response: 4992577
Conc: 33.16 ug/ml



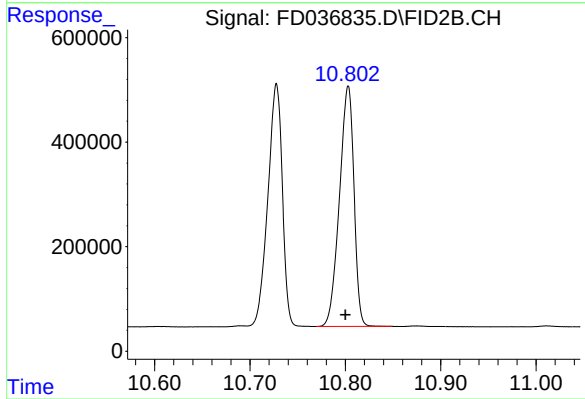
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 4921674
Conc: 33.58 ug/ml

Instrument :
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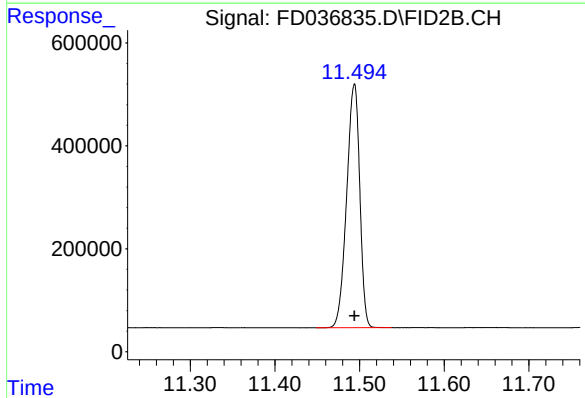
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#10 Anthracene (C19.43)

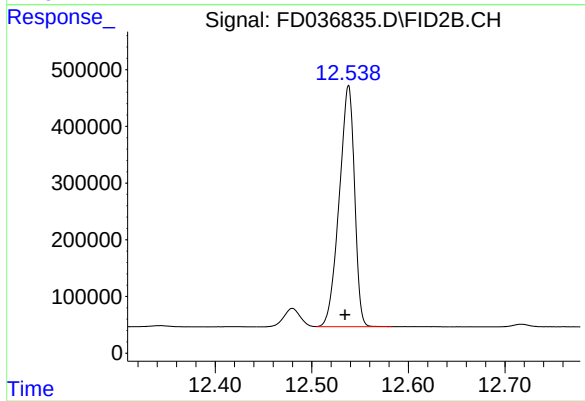
R.T.: 10.803 min
Delta R.T.: 0.003 min
Response: 4866714
Conc: 33.62 ug/ml

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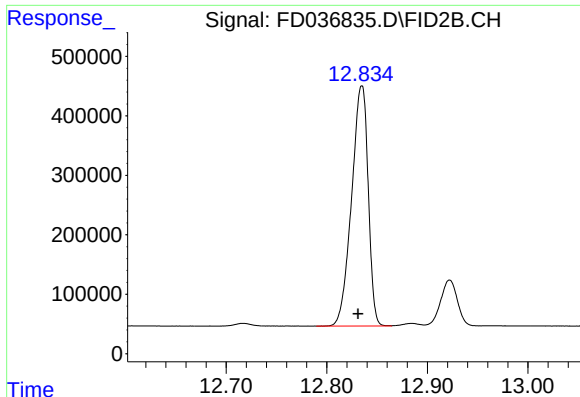
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5089970
Conc: 33.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: 0.004 min
Response: 4690633
Conc: 33.41 ug/ml



#13 Pyrene (C20.8)

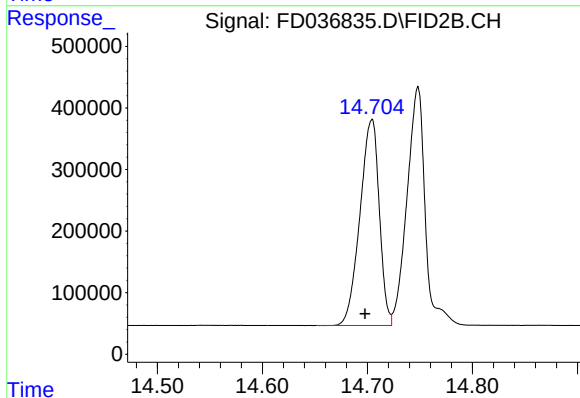
R.T.: 12.835 min
Delta R.T.: 0.004 min
Response: 4629340
Conc: 33.74 ug/ml

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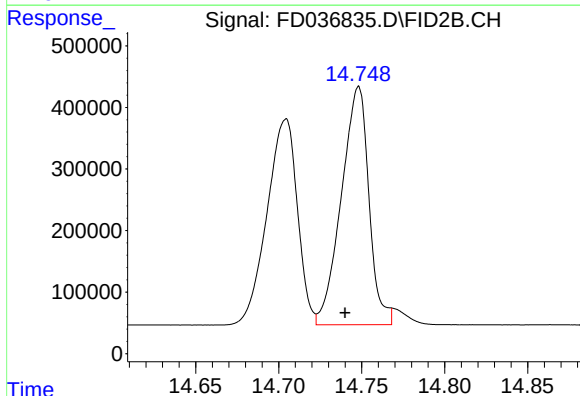
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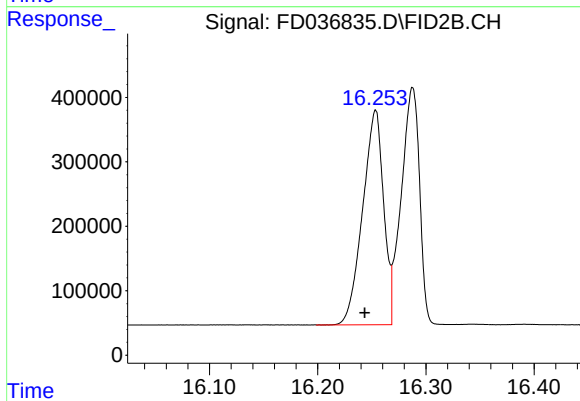
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.704 min
Delta R.T.: 0.007 min
Response: 4277790
Conc: 36.02 ug/ml



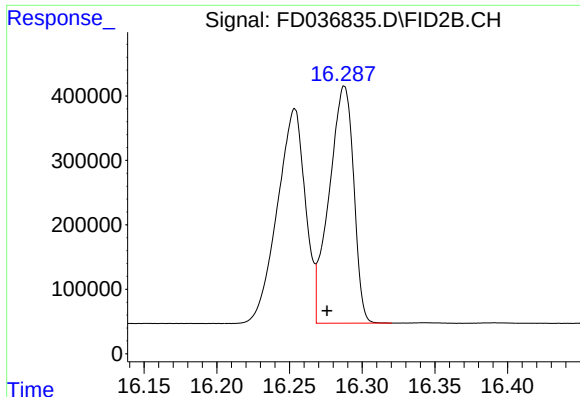
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 4480451
Conc: 37.05 ug/ml m



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

R.T.: 16.254 min
Delta R.T.: 0.010 min
Response: 4474841
Conc: 40.78 ug/ml



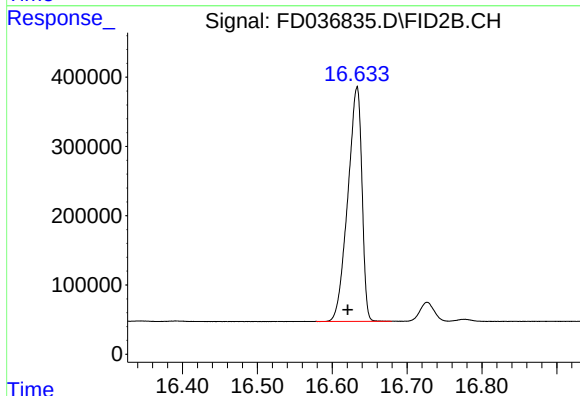
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.288 min
Delta R.T.: 0.012 min
Response: 4322290
Conc: 40.66 ug/ml

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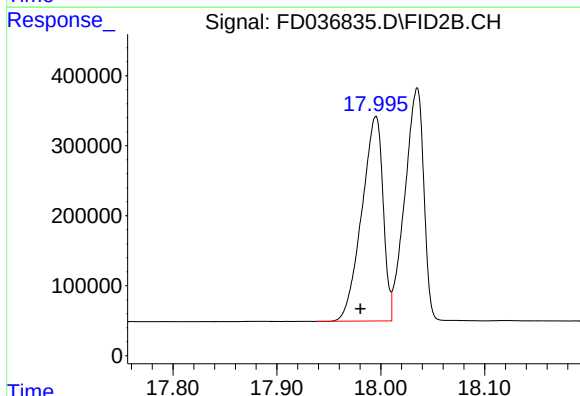
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#18 Benzo[a]pyrene (C31.34)

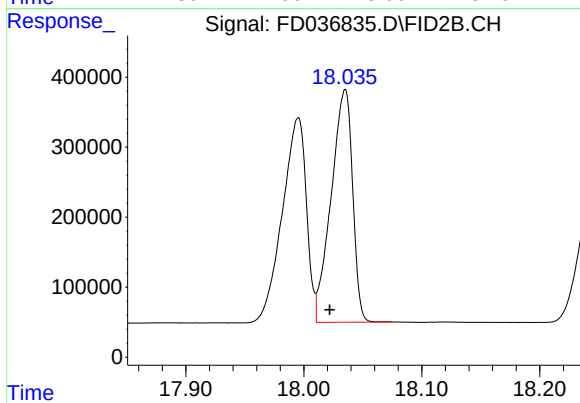
R.T.: 16.633 min
Delta R.T.: 0.013 min
Response: 4445317
Conc: 44.60 ug/ml

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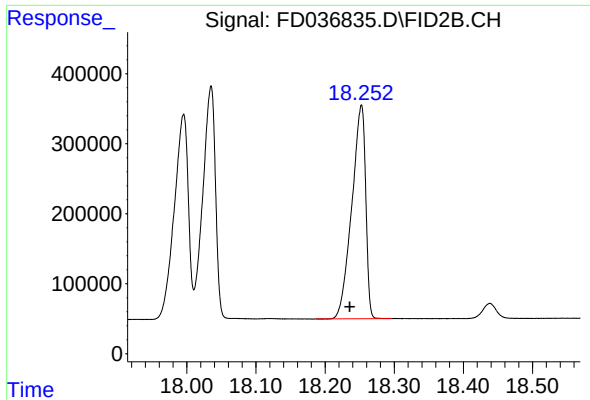
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.995 min
Delta R.T.: 0.015 min
Response: 4158295
Conc: 41.37 ug/ml



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

R.T.: 18.035 min
Delta R.T.: 0.013 min
Response: 4197243
Conc: 41.63 ug/ml



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

R.T.: 18.252 min
Delta R.T.: 0.017 min
Response: 4253805
Conc: 41.98 ug/ml

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