

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040121AR\
 Data File : FD036680.D
 Signal(s) : FID2B.CH
 Acq On : 01 Apr 2021 17:26
 Operator : DD\AJ
 Sample : PB135480BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135480BS

Manual Integrations
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 4/2/2021 11:33:11 AM

Integration File: autoint1.e
 Quant Time: Apr 02 03:28:35 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...	7.593	8234444	58.549 ug/ml
Spiked Amount 50.000		Recovery =	117.10%
6) S 2-Fluorobiphenyl (SURR)	8.453	4473350	47.655 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.31%
11) S ortho-Terphenyl (SURR)	11.492	7250894	47.475 ug/ml
Spiked Amount 50.000		Recovery =	94.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	6008707	40.992 ug/ml
2) T Naphthalene (C11.7)	5.930	7025029	44.699 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	7494160	47.683 ug/ml
5) T Acenaphthylene (C15.06)	8.257	7497541	50.037 ug/ml
7) T Acenaphthene (C15.5)	8.554	7767067	50.034 ug/ml
8) T Flouorene (C16.55)	9.333	7921753	52.616 ug/ml
9) T Phenanthrene (C19.36)	10.727	7884882	53.796 ug/ml
10) T Anthracene (C19.43)	10.803	7803498	53.904 ug/ml
12) T Fluoranthene (C21.85)	12.537	7583460	54.015 ug/ml
13) T Pyrene (C20.8)	12.833	7415563	54.048 ug/ml
14) T Benzo[a]anthracene (C...	14.701	6471769	54.495 ug/ml
15) T Chrysene (C27.41)	14.747	6931973	57.321 ug/mlm
16) T benzo[b]fluoranthene ...	16.249	6250225	56.959 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	6038601	56.808 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.629	6125323	61.461 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	5843244	58.131 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	5981870	59.324 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	6115986	60.362 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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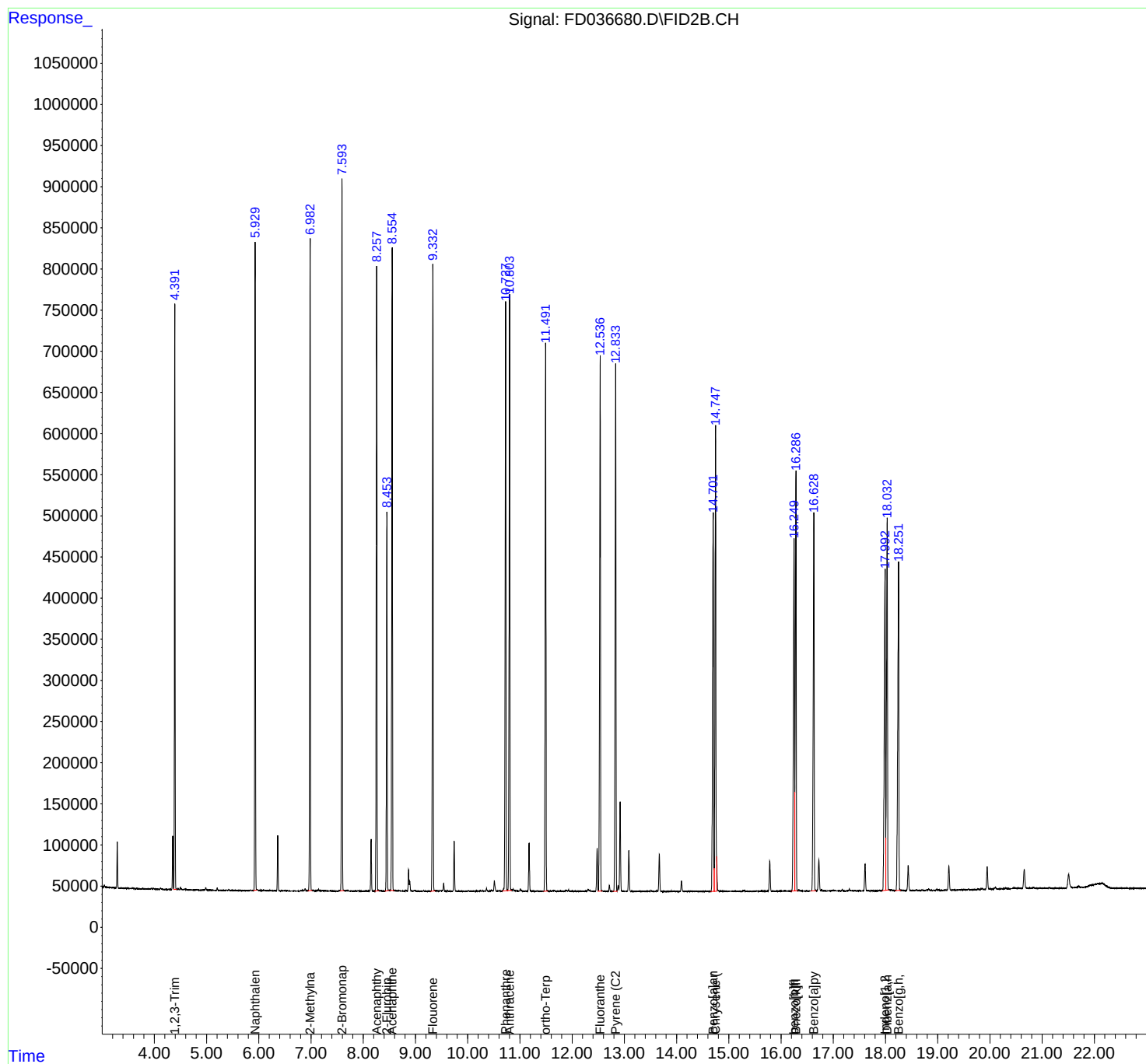
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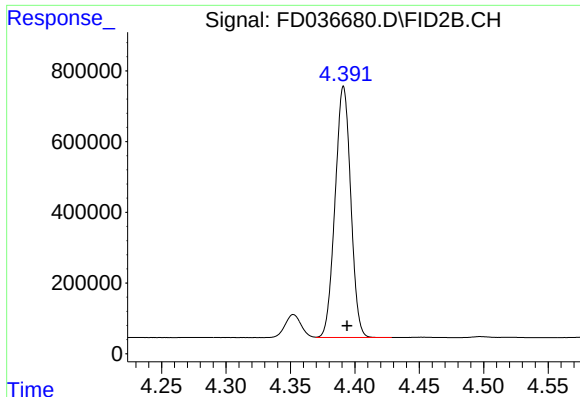
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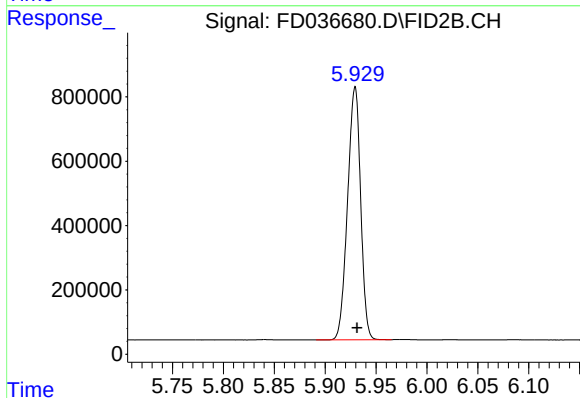
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 6008707
Conc: 40.99 ug/ml

Instrument :
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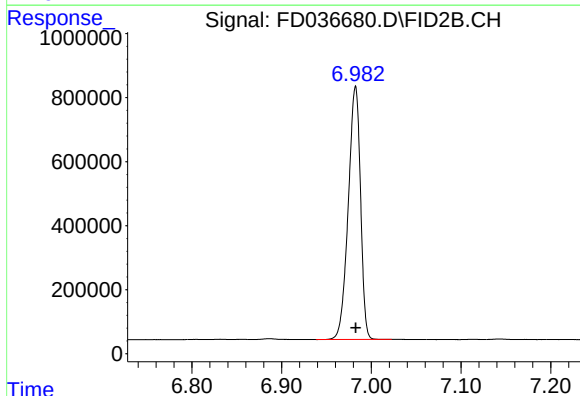
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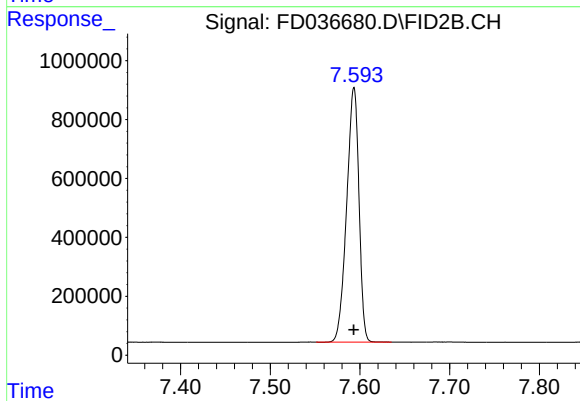
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 7025029
Conc: 44.70 ug/ml



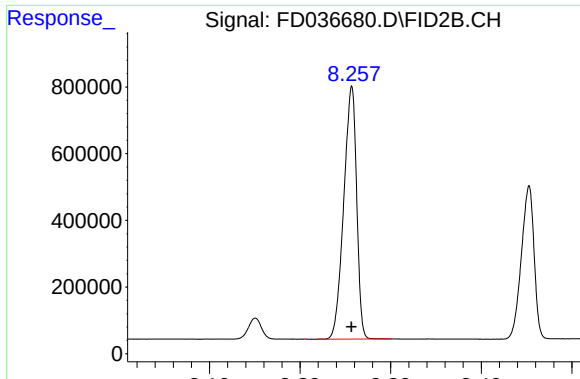
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 7494160
Conc: 47.68 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 8234444
Conc: 58.55 ug/ml



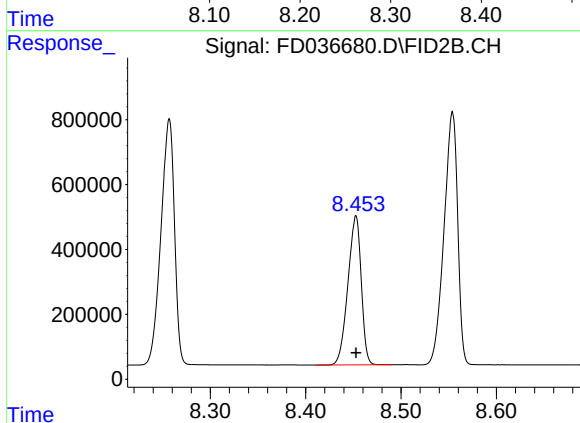
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 7497541
Conc: 50.04 ug/ml

Instrument :
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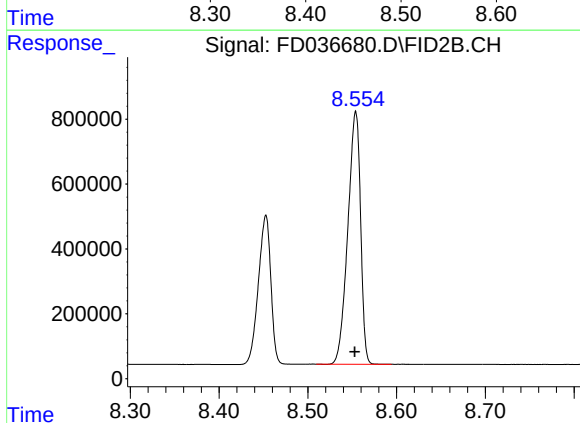
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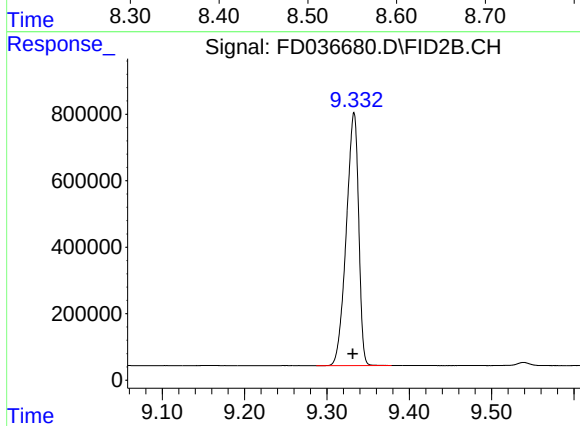
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 4473350
Conc: 47.66 ug/ml



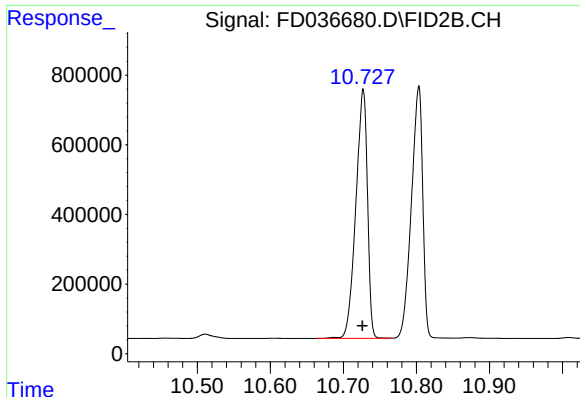
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 7767067
Conc: 50.03 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.333 min
Delta R.T.: 0.002 min
Response: 7921753
Conc: 52.62 ug/ml



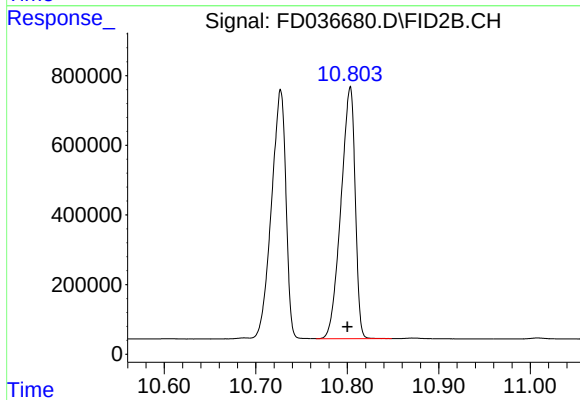
#9 Phenanthrene (C19.36)

R.T.: 10.727 min
Delta R.T.: 0.001 min
Response: 7884882
Conc: 53.80 ug/ml

Instrument :
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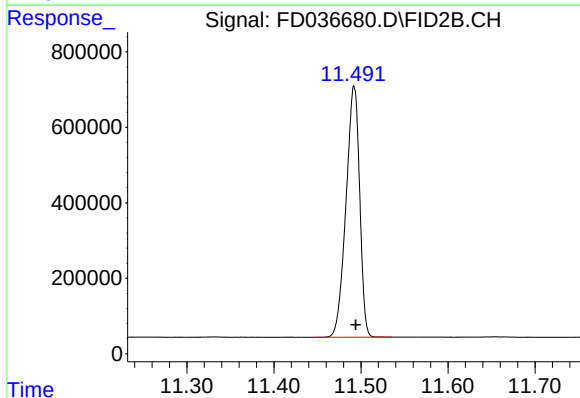
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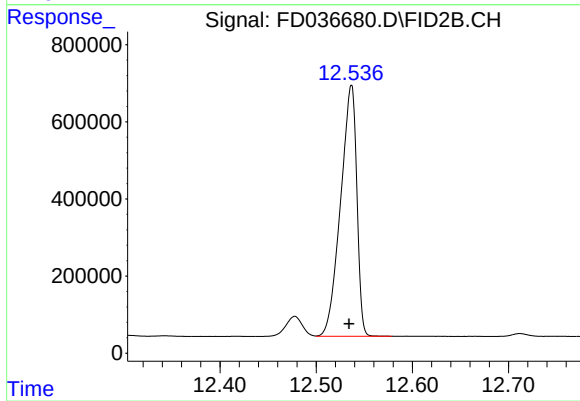
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: 0.003 min
Response: 7803498
Conc: 53.90 ug/ml



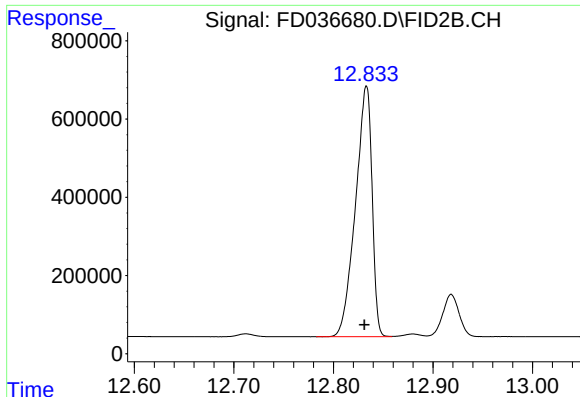
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 7250894
Conc: 47.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: 0.002 min
Response: 7583460
Conc: 54.01 ug/ml



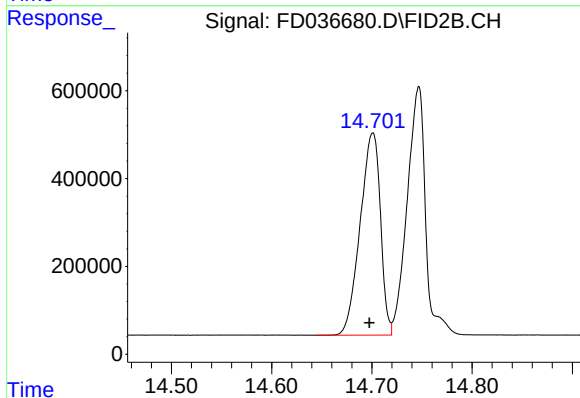
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: 0.002 min
Response: 7415563
Conc: 54.05 ug/ml

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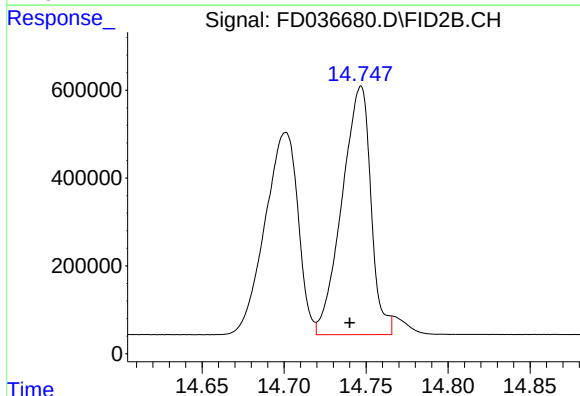
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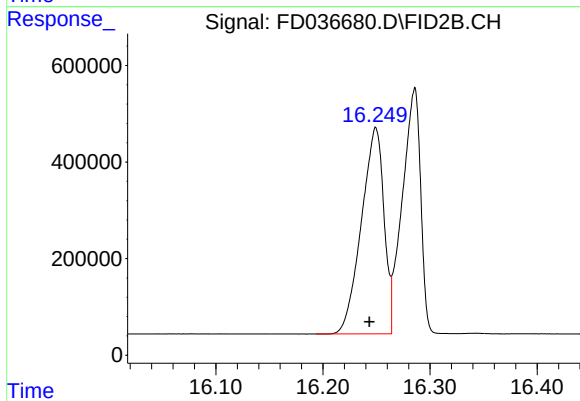
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: 0.003 min
Response: 6471769
Conc: 54.50 ug/ml



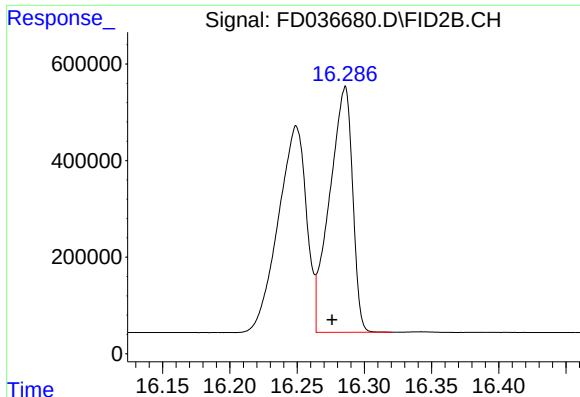
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.006 min
Response: 6931973
Conc: 57.32 ug/ml m



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

R.T.: 16.249 min
Delta R.T.: 0.006 min
Response: 6250225
Conc: 56.96 ug/ml



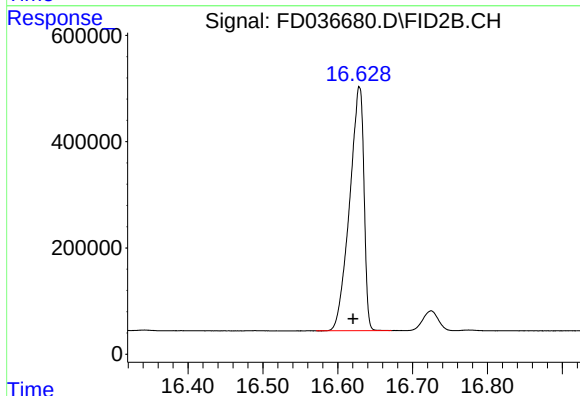
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.286 min
Delta R.T.: 0.010 min
Response: 6038601
Conc: 56.81 ug/ml

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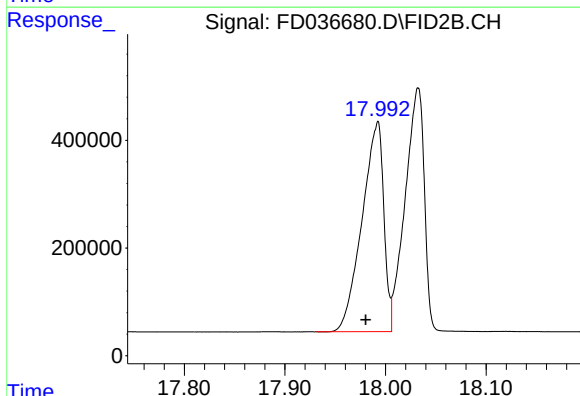
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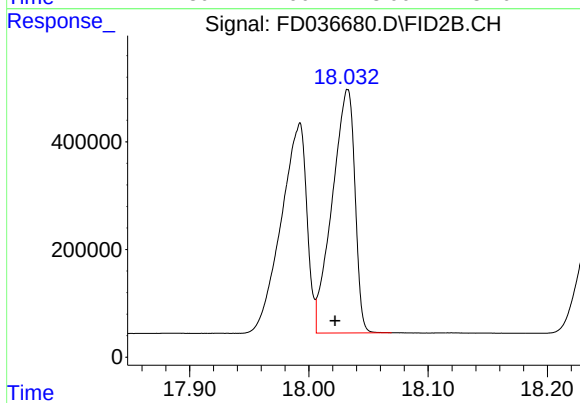
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.629 min
Delta R.T.: 0.008 min
Response: 6125323
Conc: 61.46 ug/ml



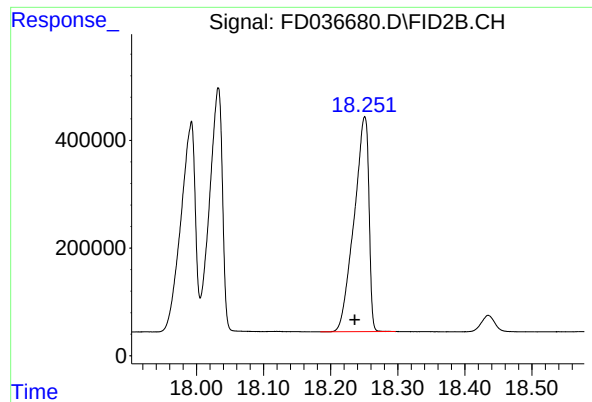
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: 0.012 min
Response: 5843244
Conc: 58.13 ug/ml



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

R.T.: 18.032 min
Delta R.T.: 0.011 min
Response: 5981870
Conc: 59.32 ug/ml



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

R.T.: 18.251 min
Delta R.T.: 0.015 min
Response: 6115986
Conc: 60.36 ug/ml

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