

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035269.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 13:28
 Operator : DD\AJ
 Sample : FCS CHECK SOL 1
 Misc : LOT# E2971
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 1

Manual Integrations
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 11/4/2020 3:49:53 PM

Integration File: autoint1.e
 Quant Time: Nov 04 00:44:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 2020
 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...	7.641	6133046	52.879 ug/ml
Spiked Amount 50.000		Recovery =	105.76%
6) S 2-Fluorobiphenyl (SURR)	8.506	4207494	52.287 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.57%
11) S ortho-Terphenyl (SURR)	11.546	6270359	45.120 ug/ml
Spiked Amount 50.000		Recovery =	90.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	5064957	39.267 ug/mlm
2) T Naphthalene (C11.7)	5.979	5898988	43.566 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	6160221	45.192 ug/ml
5) T Acenaphthylene (C15.06)	8.308	6164721	45.728 ug/ml
7) T Acenaphthene (C15.5)	8.604	6535451	47.077 ug/ml
8) T Fluorene (C16.55)	9.385	6498840	49.011 ug/ml
9) T Phenanthrene (C19.36)	10.783	6576999	49.755 ug/ml
10) T Anthracene (C19.43)	10.858	6333500	46.845 ug/ml
12) T Fluoranthene (C21.85)	12.597	6419541	47.785 ug/ml
13) T Pyrene (C20.8)	12.892	6354289	47.780 ug/ml
14) T Benzo[a]anthracene (C...	14.764	5919339	49.742 ug/ml
15) T Chrysene (C27.41)	14.808	6352260	47.962 ug/ml
16) T benzo[b]fluoranthene ...	16.315	5783212	48.938 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	5394029	44.320 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.693	4967647	45.421 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.059	5114037	50.039 ug/ml
20) T Dibenz[a,h]anthracene...	18.095	4908555	42.915 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	4870894	45.495 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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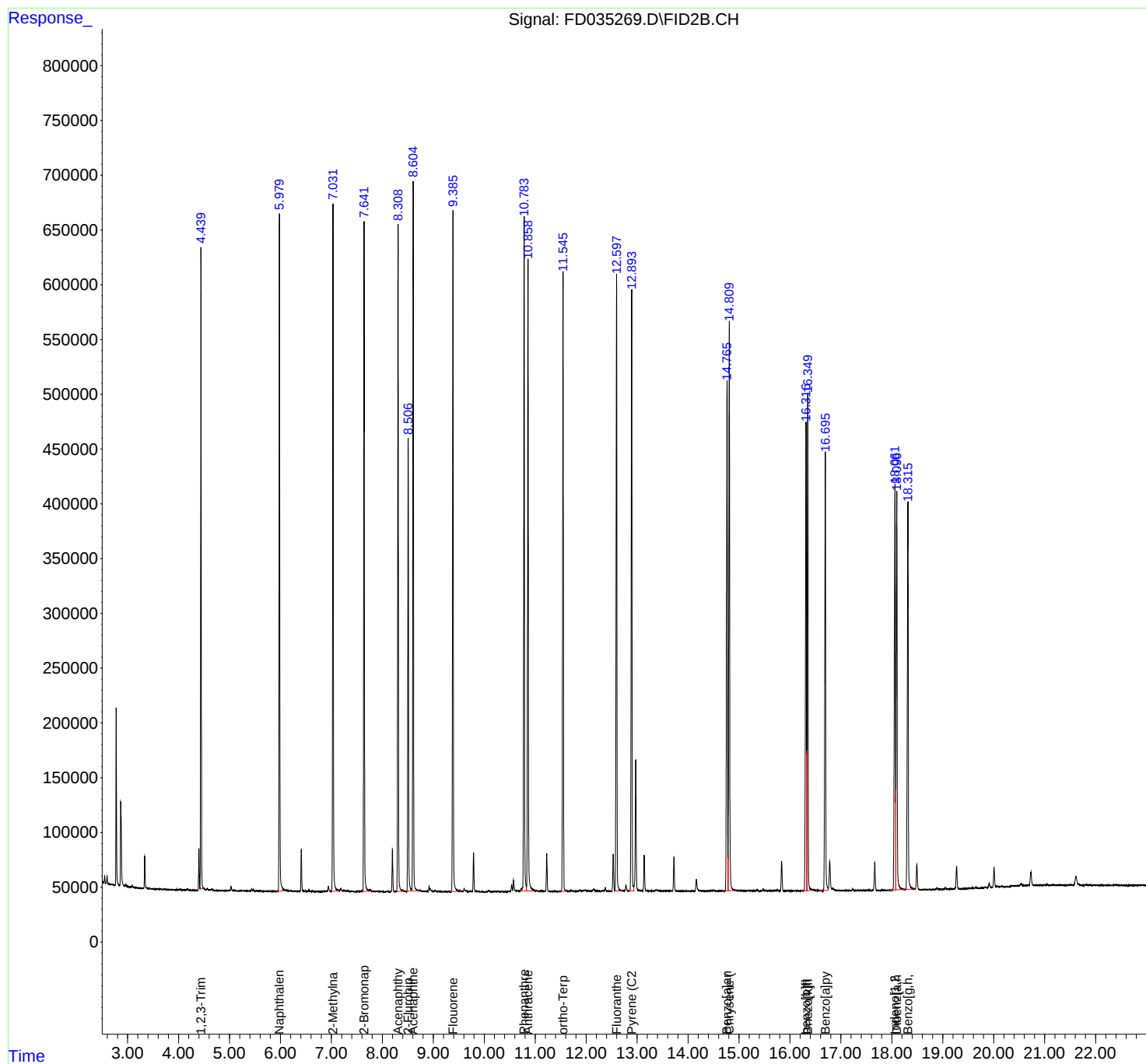
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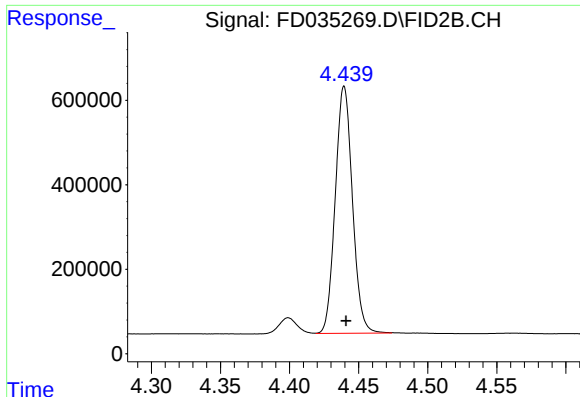
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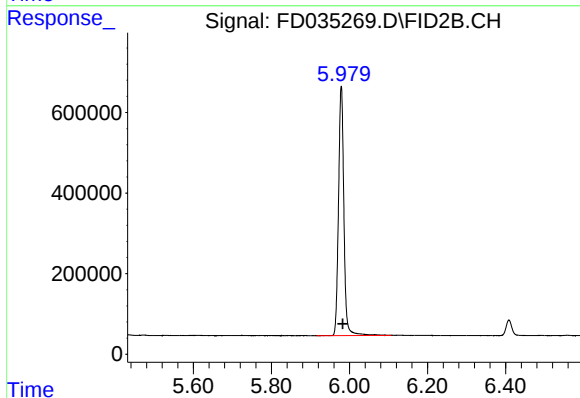
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 5064957
Conc: 39.27 ug/ml m

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FCS CHECK SOL 1

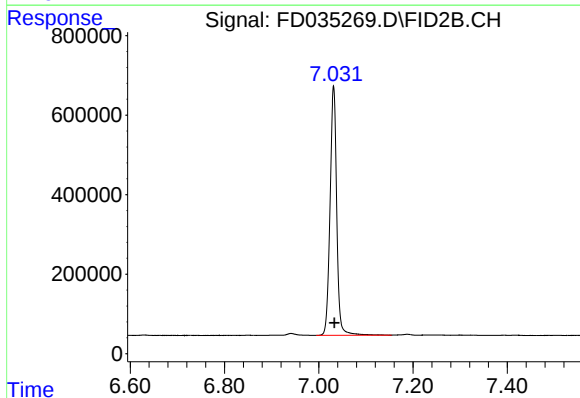
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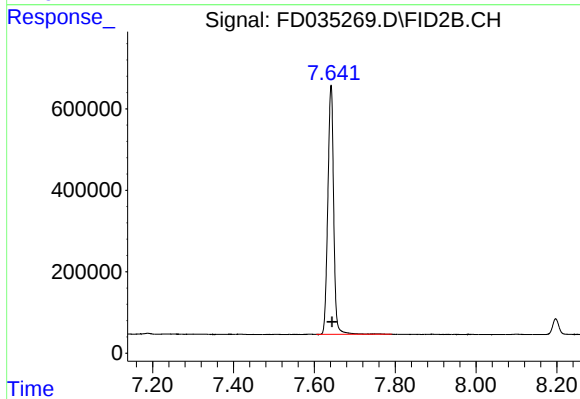
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 5898988
Conc: 43.57 ug/ml



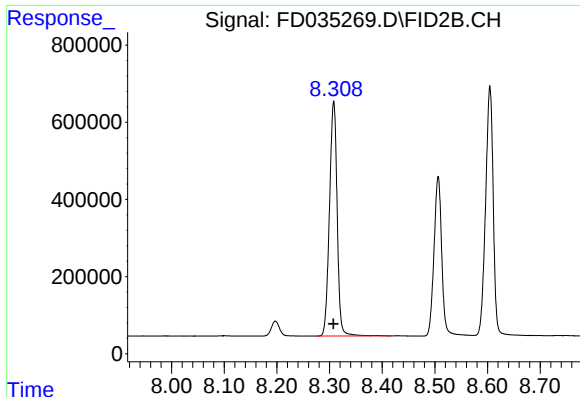
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 6160221
Conc: 45.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 6133046
Conc: 52.88 ug/ml



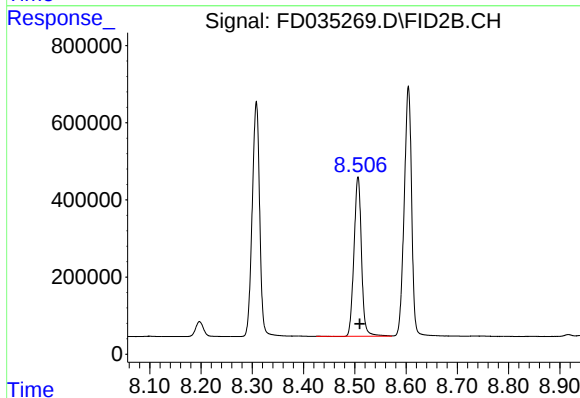
#5 Acenaphthylene (C15.06)

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 6164721
Conc: 45.73 ug/ml

Instrument :
FID_D
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FCS CHECK SOL 1

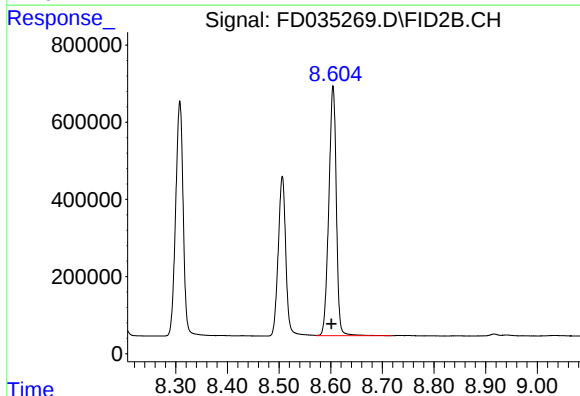
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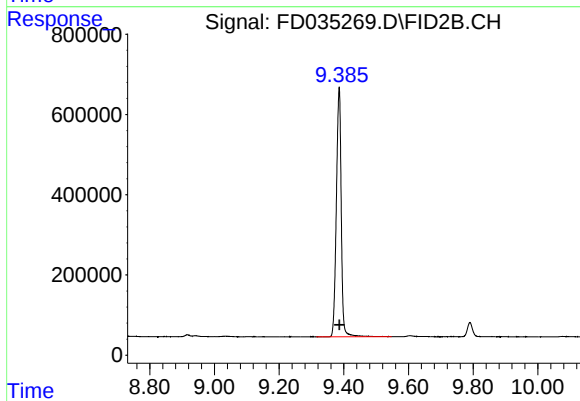
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.506 min
Delta R.T.: -0.003 min
Response: 4207494
Conc: 52.29 ug/ml



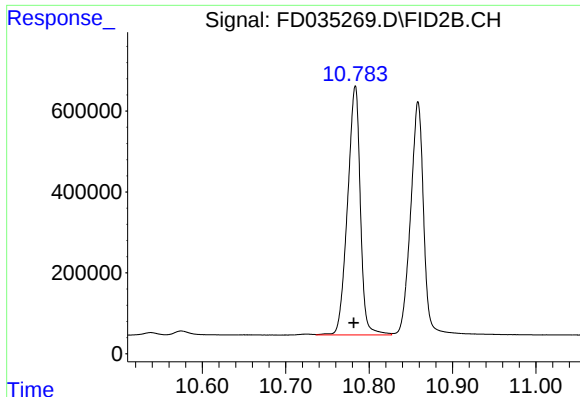
#7 Acenaphthene (C15.5)

R.T.: 8.604 min
Delta R.T.: 0.003 min
Response: 6535451
Conc: 47.08 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.385 min
Delta R.T.: -0.001 min
Response: 6498840
Conc: 49.01 ug/ml



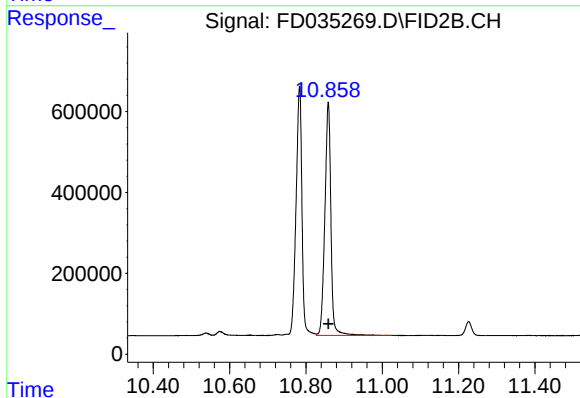
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.001 min
Response: 6576999
Conc: 49.75 ug/ml

Instrument :
FID_D
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FCS CHECK SOL 1

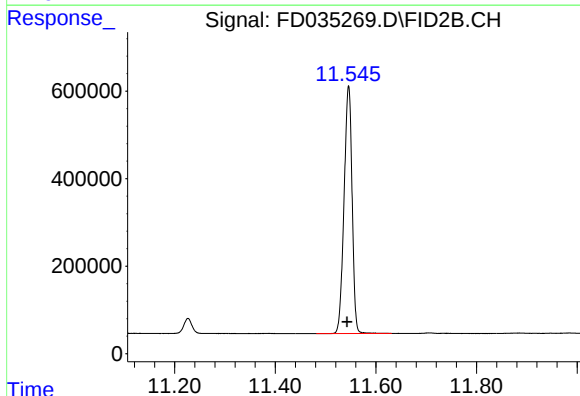
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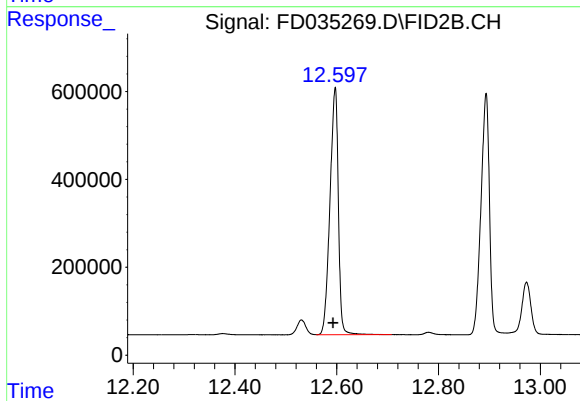
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 6333500
Conc: 46.84 ug/ml



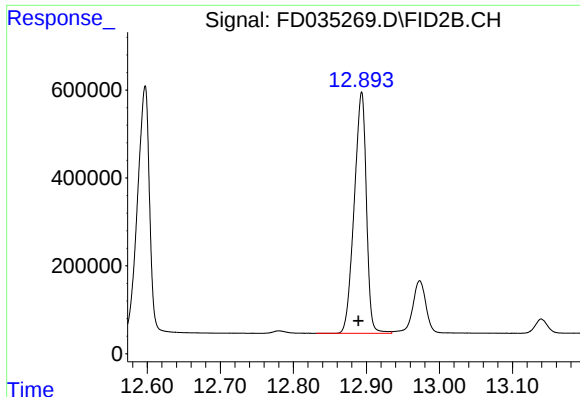
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: 0.003 min
Response: 6270359
Conc: 45.12 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.597 min
Delta R.T.: 0.004 min
Response: 6419541
Conc: 47.79 ug/ml



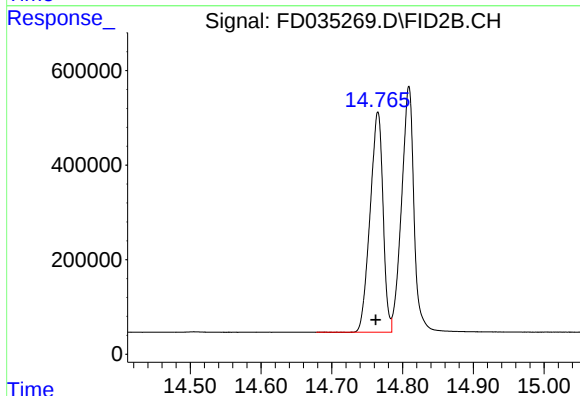
#13 Pyrene (C20.8)

R.T.: 12.892 min
Delta R.T.: 0.003 min
Response: 6354289
Conc: 47.78 ug/ml

Instrument :
FID_D
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FCS CHECK SOL 1

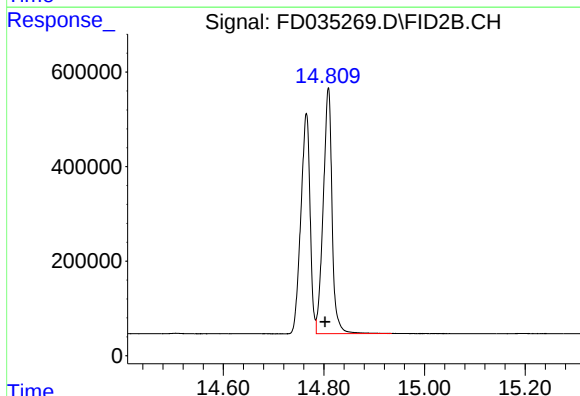
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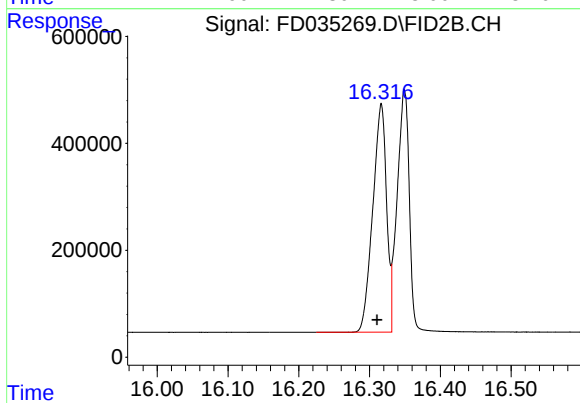
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: 0.002 min
Response: 5919339
Conc: 49.74 ug/ml



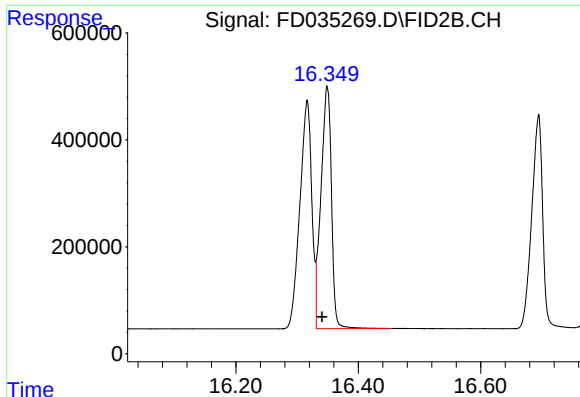
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: 0.005 min
Response: 6352260
Conc: 47.96 ug/ml



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

R.T.: 16.315 min
Delta R.T.: 0.005 min
Response: 5783212
Conc: 48.94 ug/ml



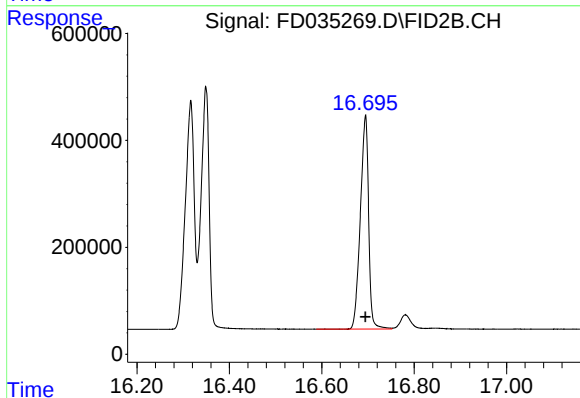
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min
Delta R.T.: 0.007 min
Response: 5394029
Conc: 44.32 ug/ml

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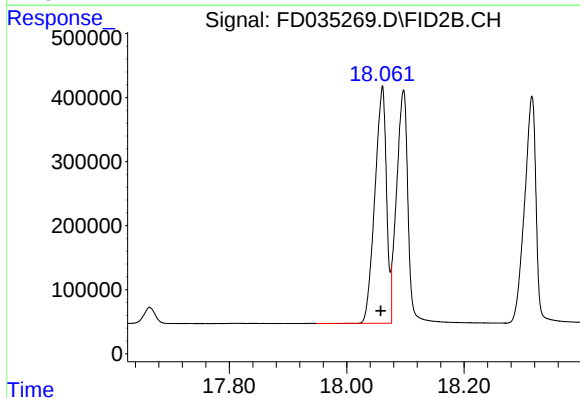
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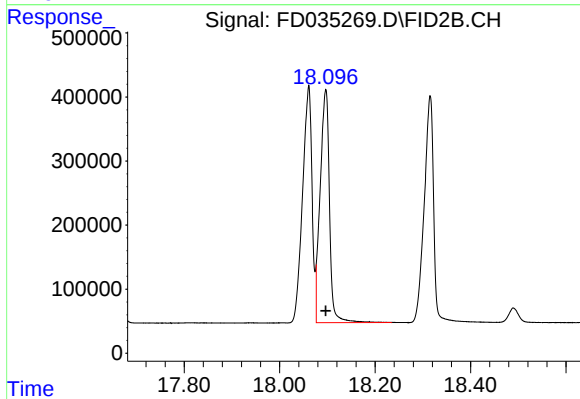
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.693 min
Delta R.T.: -0.002 min
Response: 4967647
Conc: 45.42 ug/ml



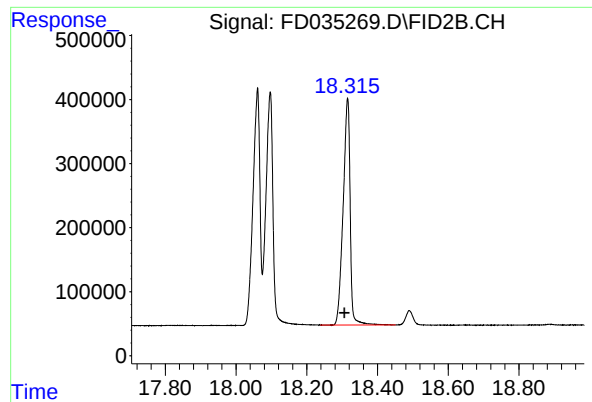
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.059 min
Delta R.T.: 0.001 min
Response: 5114037
Conc: 50.04 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.002 min
Response: 4908555
Conc: 42.92 ug/ml



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

R.T.: 18.314 min
Delta R.T.: 0.007 min
Response: 4870894
Conc: 45.50 ug/ml

Instrument :
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