

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035271.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 14:44
 Operator : DD\AJ
 Sample : FCS CHECK SOL 3
 Misc : LOT# E2971
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 3

Manual Integrations
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 11/4/2020 3:49:57 PM

Integration File: autoint1.e
 Quant Time: Nov 04 00:44:56 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	7144696	61.601 ug/ml
Spiked Amount 50.000		Recovery =	123.20%
6) S 2-Fluorobiphenyl (SURR)	8.505	5025047	62.447 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.89%
11) S ortho-Terphenyl (SURR)	11.545	7520584	54.116 ug/ml
Spiked Amount 50.000		Recovery =	108.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	6064067	47.013 ug/mlm
2) T Naphthalene (C11.7)	5.978	6991089	51.632 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	7382934	54.163 ug/ml
5) T Acenaphthylene (C15.06)	8.307	7401554	54.903 ug/ml
7) T Acenaphthene (C15.5)	8.604	7834266	56.433 ug/ml
8) T Fluorene (C16.55)	9.385	7836699	59.101 ug/ml
9) T Phenanthrene (C19.36)	10.782	7952925	60.163 ug/ml
10) T Anthracene (C19.43)	10.858	7632773	56.455 ug/ml
12) T Fluoranthene (C21.85)	12.596	7747809	57.672 ug/ml
13) T Pyrene (C20.8)	12.894	7646731	57.499 ug/ml
14) T Benzo[a]anthracene (C...	14.766	7149528	60.080 ug/ml
15) T Chrysene (C27.41)	14.810	7804408	58.926 ug/ml
16) T benzo[b]fluoranthene ...	16.318	6928458	58.629 ug/ml
17) T Bnezo[k]fluoranthene ...	16.353	6450554	53.001 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	5951276	54.415 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	6227684	60.935 ug/ml
20) T Dibenz[a,h]anthracene...	18.100	5804307	50.747 ug/ml
21) T Benzo[g,h,i]perylene ...	18.320	5940917	55.489 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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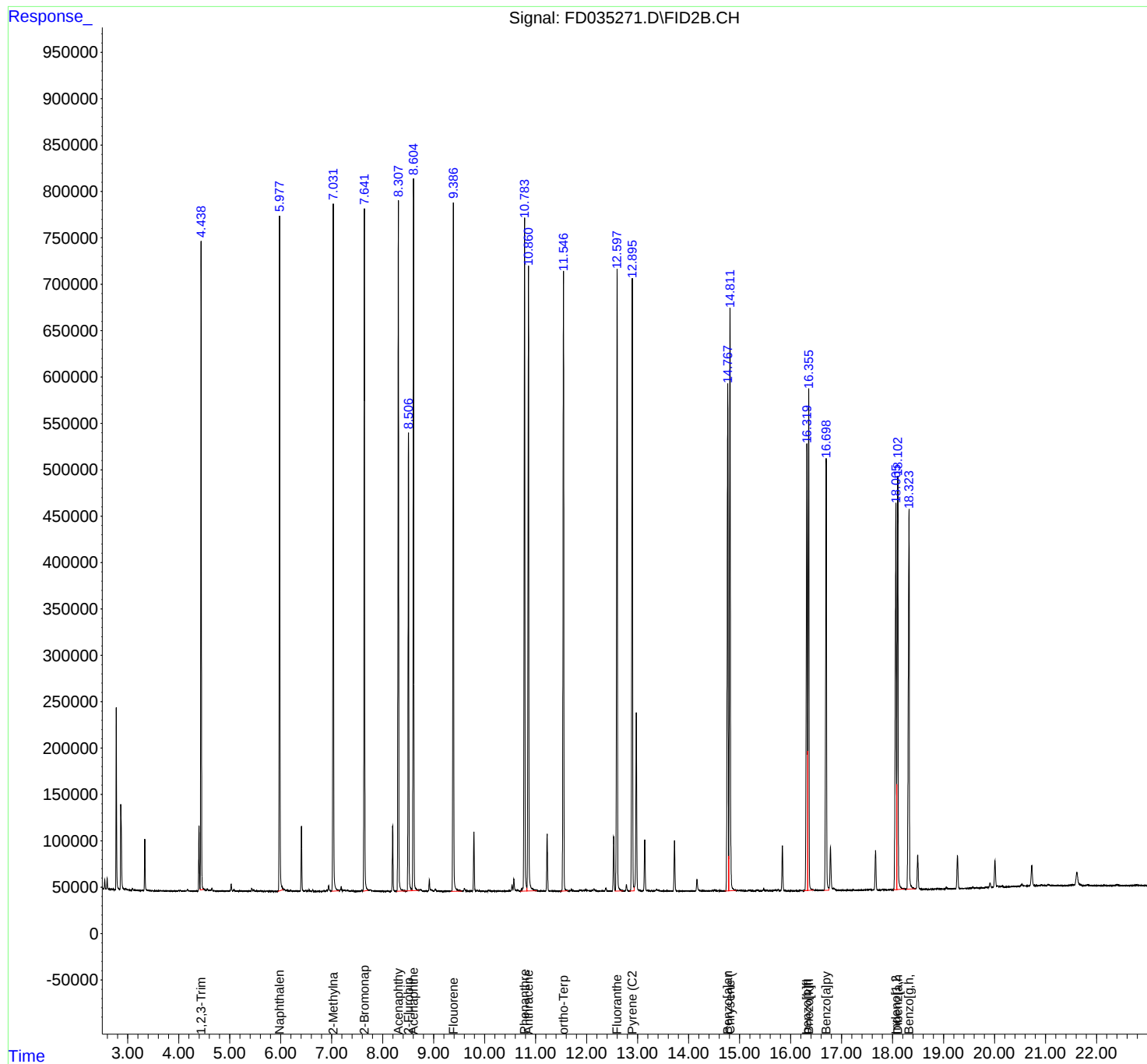
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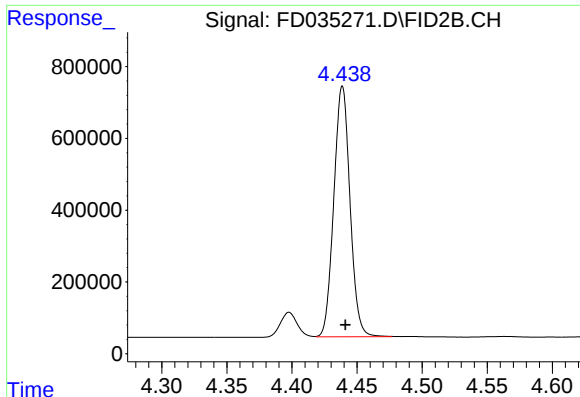
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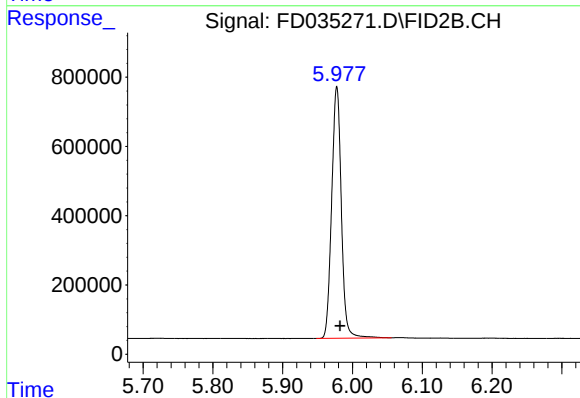
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 6064067
Conc: 47.01 ug/ml m

Instrument :
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FCS CHECK SOL 3

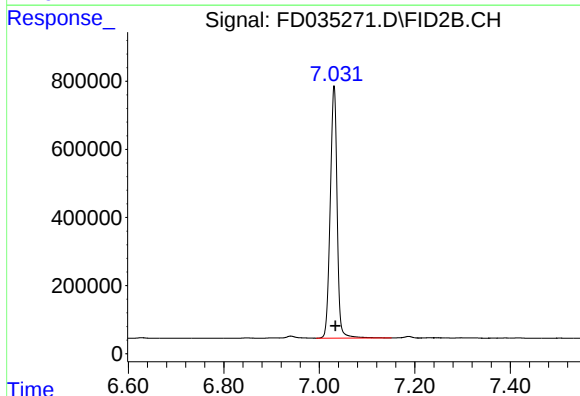
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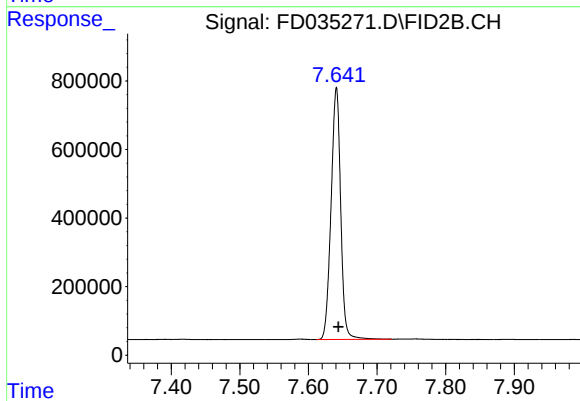
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.005 min
Response: 6991089
Conc: 51.63 ug/ml



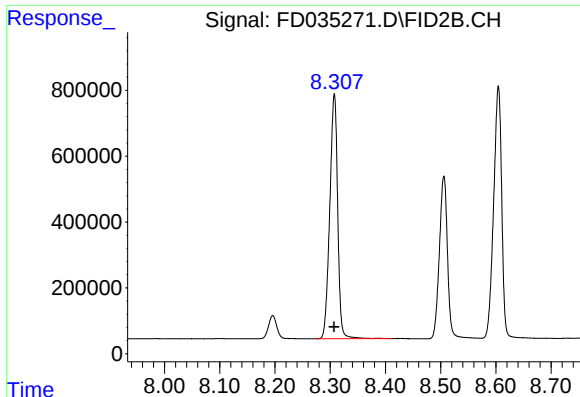
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 7382934
Conc: 54.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 7144696
Conc: 61.60 ug/ml



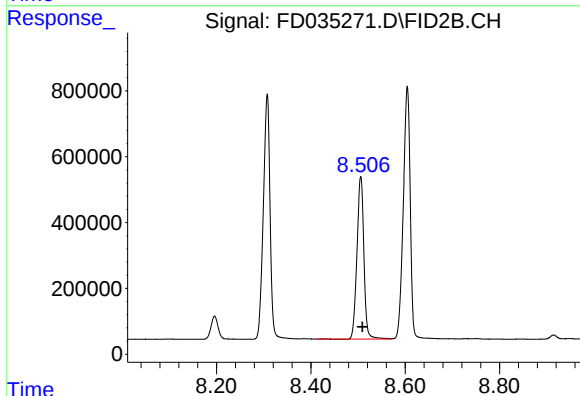
#5 Acenaphthylene (C15.06)

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 7401554
Conc: 54.90 ug/ml

Instrument :
FID_D
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FCS CHECK SOL 3

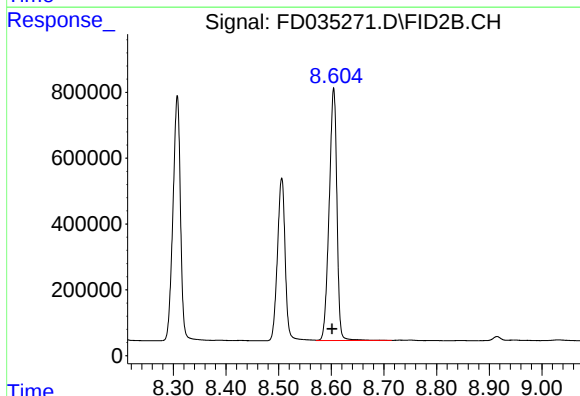
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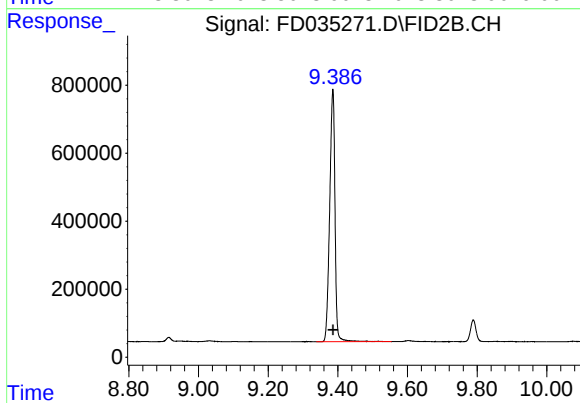
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.505 min
Delta R.T.: -0.004 min
Response: 5025047
Conc: 62.45 ug/ml



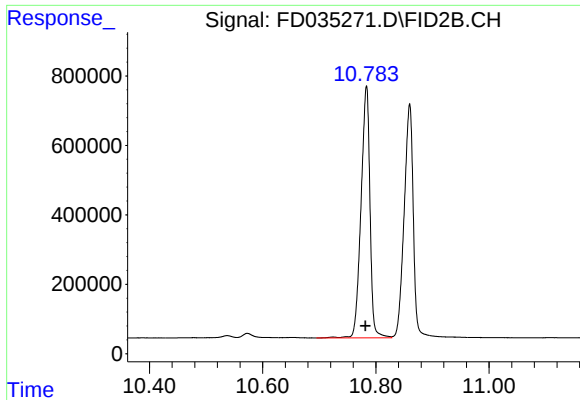
#7 Acenaphthene (C15.5)

R.T.: 8.604 min
Delta R.T.: 0.002 min
Response: 7834266
Conc: 56.43 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.385 min
Delta R.T.: -0.002 min
Response: 7836699
Conc: 59.10 ug/ml



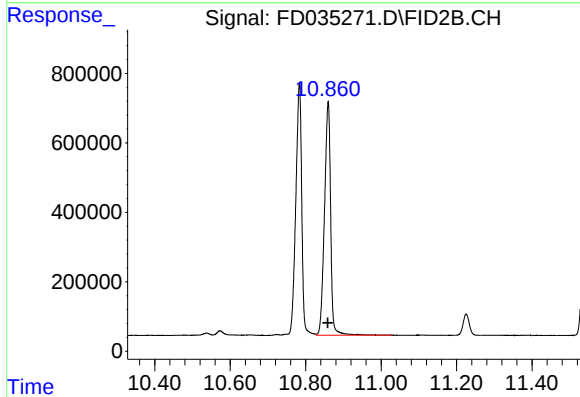
#9 Phenanthrene (C19.36)

R.T.: 10.782 min
Delta R.T.: 0.000 min
Response: 7952925
Conc: 60.16 ug/ml

Instrument :
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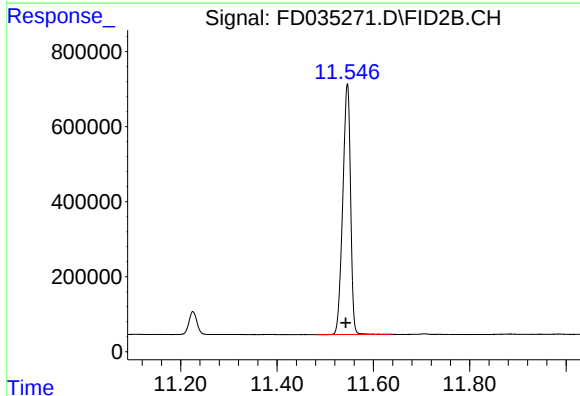
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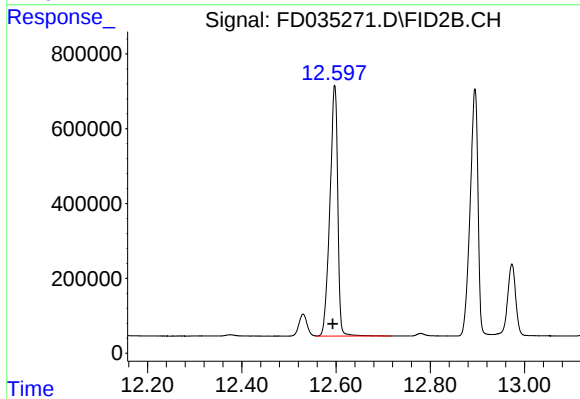
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 7632773
Conc: 56.45 ug/ml



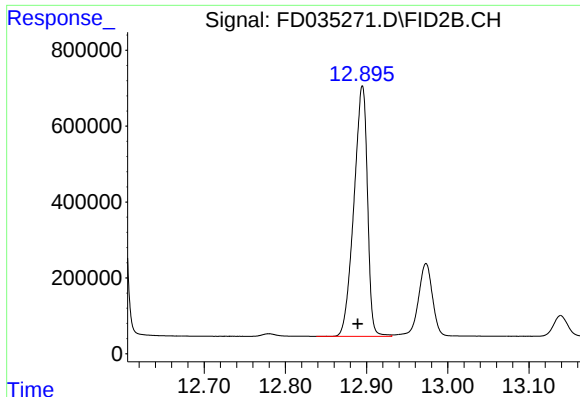
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: 0.002 min
Response: 7520584
Conc: 54.12 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.596 min
Delta R.T.: 0.003 min
Response: 7747809
Conc: 57.67 ug/ml



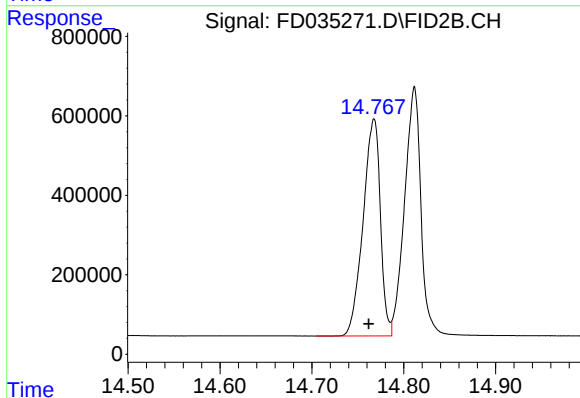
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: 0.004 min
Response: 7646731
Conc: 57.50 ug/ml

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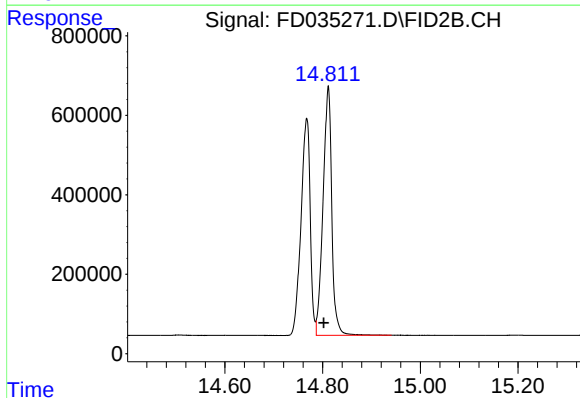
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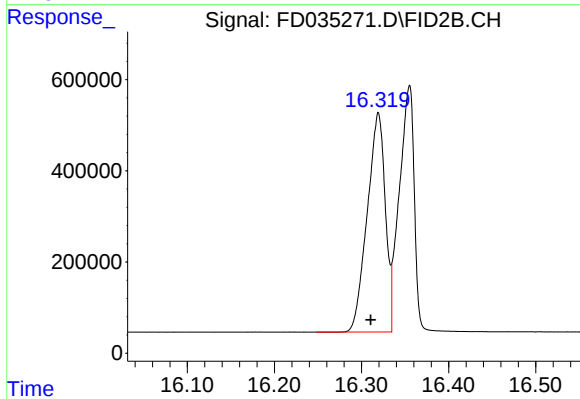
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.766 min
Delta R.T.: 0.004 min
Response: 7149528
Conc: 60.08 ug/ml



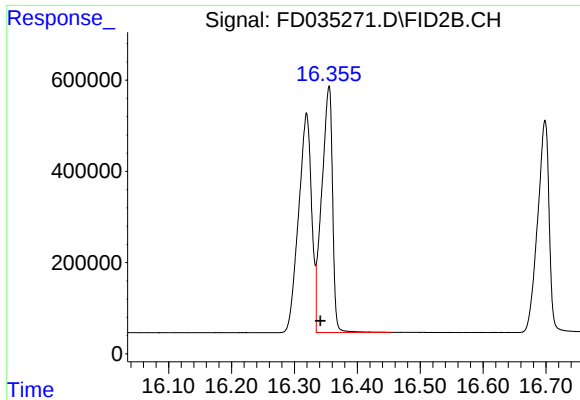
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.008 min
Response: 7804408
Conc: 58.93 ug/ml



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

R.T.: 16.318 min
Delta R.T.: 0.008 min
Response: 6928458
Conc: 58.63 ug/ml



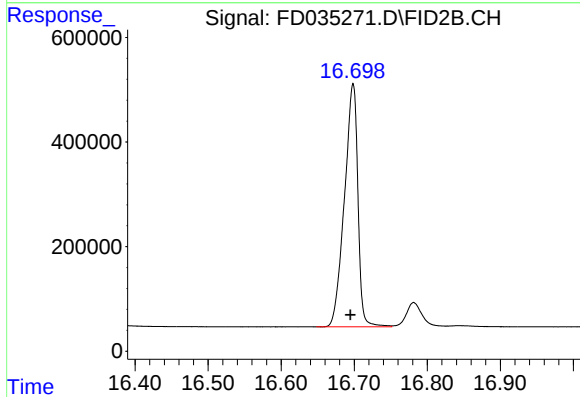
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.353 min
Delta R.T.: 0.012 min
Response: 6450554
Conc: 53.00 ug/ml

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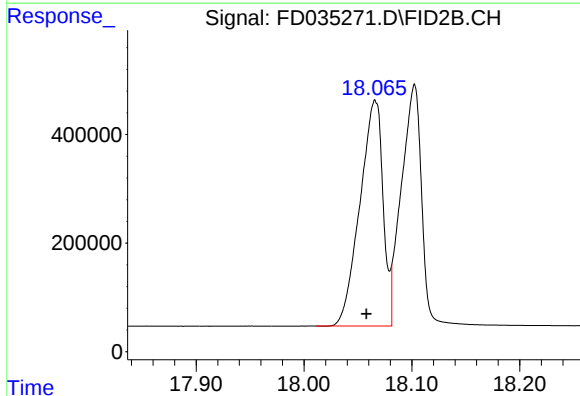
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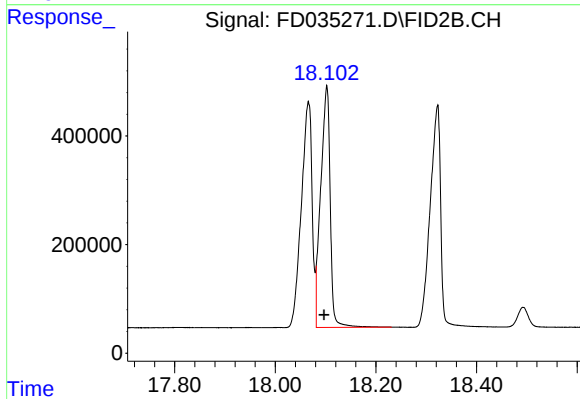
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: 0.002 min
Response: 5951276
Conc: 54.41 ug/ml



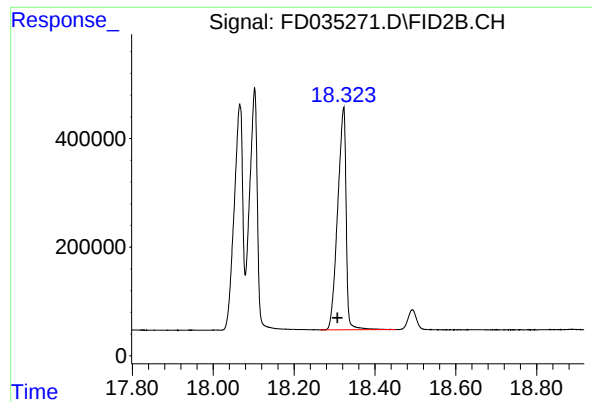
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: 0.006 min
Response: 6227684
Conc: 60.94 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.004 min
Response: 5804307
Conc: 50.75 ug/ml



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

R.T.: 18.320 min
Delta R.T.: 0.013 min
Response: 5940917
Conc: 55.49 ug/ml

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