

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035270.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 14:07
 Operator : DD\AJ
 Sample : FCS CHECK SOL 2
 Misc : LOT# E2971
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 2

Manual Integrations
 APPROVED

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 11/4/2020 3:49:55 PM

Integration File: autoint1.e
 Quant Time: Nov 04 00:44:40 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...	7.643	9490838	81.830 ug/ml
Spiked Amount 50.000		Recovery =	163.66%
6) S 2-Fluorobiphenyl (SURR)	8.508	6720437	83.516 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	167.03%#
11) S ortho-Terphenyl (SURR)	11.548	9304502	66.953 ug/ml
Spiked Amount 50.000		Recovery =	133.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	7498250	58.132 ug/mlm
2) T Naphthalene (C11.7)	5.981	8628190	63.723 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	9195365	67.459 ug/ml
5) T Acenaphthylene (C15.06)	8.310	9170973	68.028 ug/ml
7) T Acenaphthene (C15.5)	8.607	9767938	70.362 ug/ml
8) T Fluorene (C16.55)	9.388	9706980	73.206 ug/ml
9) T Phenanthrene (C19.36)	10.786	9905948	74.938 ug/ml
10) T Anthracene (C19.43)	10.863	9509741	70.337 ug/ml
12) T Fluoranthene (C21.85)	12.600	9640888	71.764 ug/ml
13) T Pyrene (C20.8)	12.898	9514547	71.544 ug/ml
14) T Benzo[a]anthracene (C...	14.769	8828102	74.186 ug/ml
15) T Chrysene (C27.41)	14.815	9352299	70.614 ug/ml
16) T benzo[b]fluoranthene ...	16.323	8587053	72.664 ug/ml
17) T Bnezo[k]fluoranthene ...	16.358	7891827	64.843 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.701	7294019	66.692 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	7796663	76.287 ug/ml
20) T Dibenz[a,h]anthracene...	18.105	7042343	61.571 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	7267155	67.876 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : FCS CHECK SOL 2
Misc : LOT# E2971
ALS Vial : 54 Sample Multiplier: 1

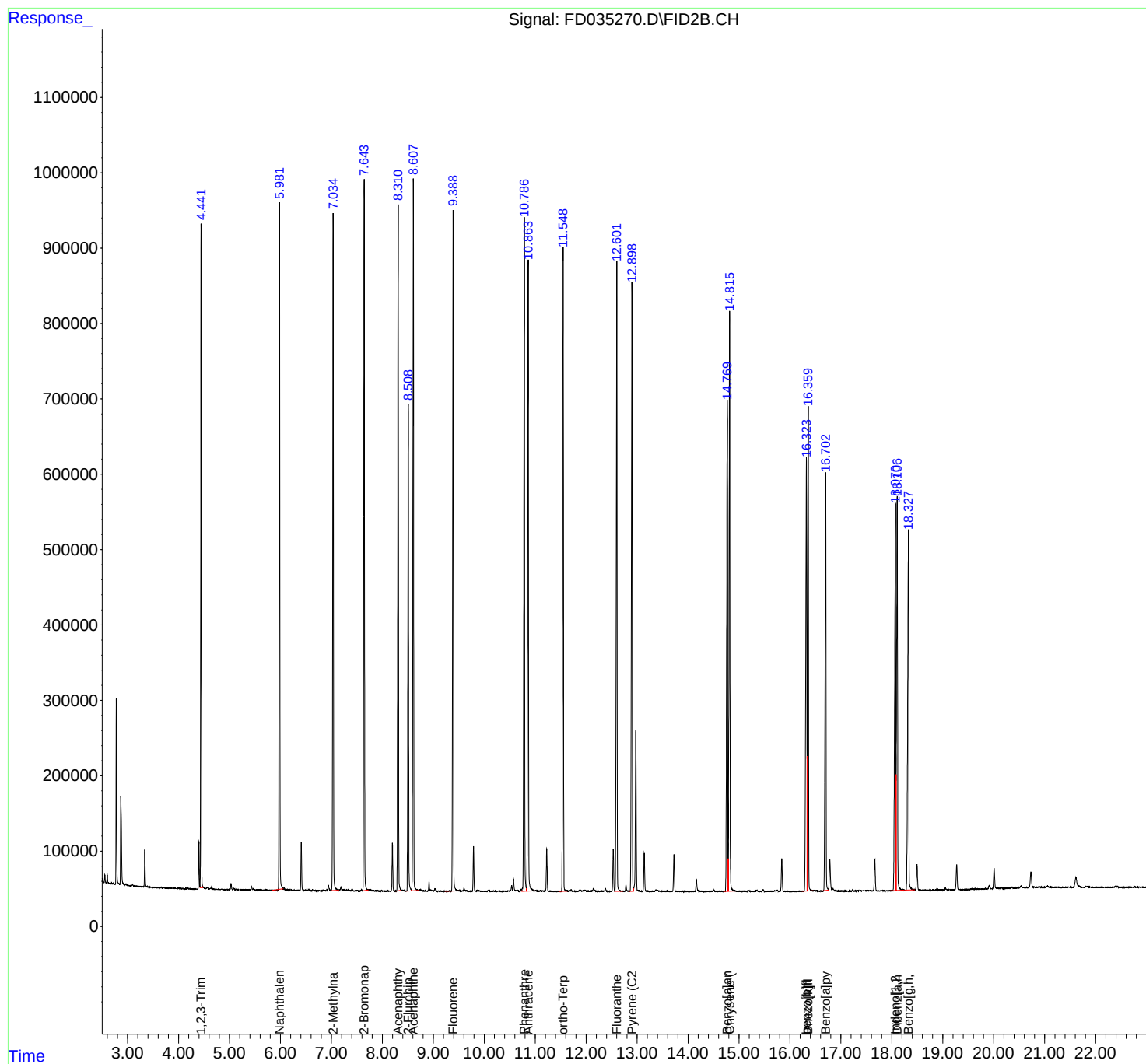
Instrument :
FID_D
ClientSampled :
FCS CHECK SOL 2

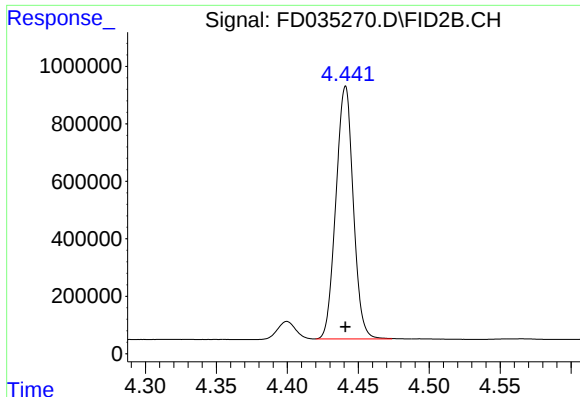
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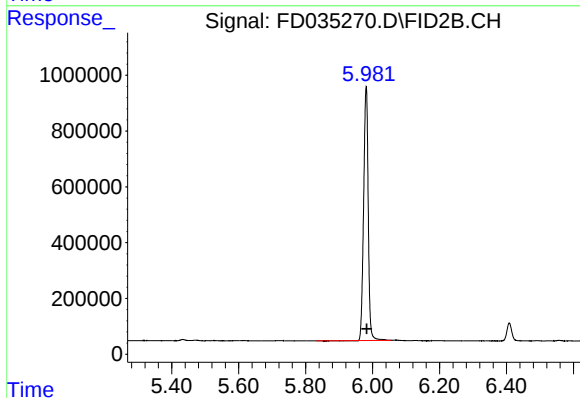
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 7498250
Conc: 58.13 ug/ml m

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 2

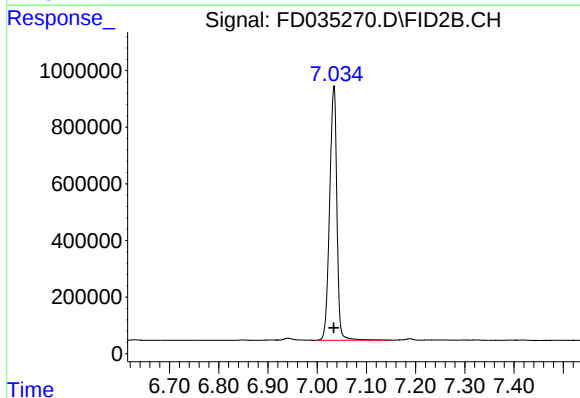
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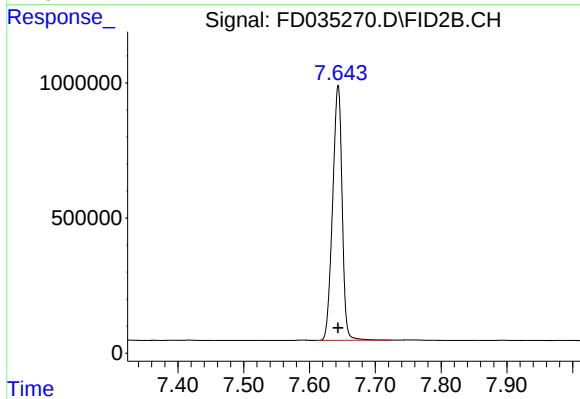
#2 Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 8628190
Conc: 63.72 ug/ml



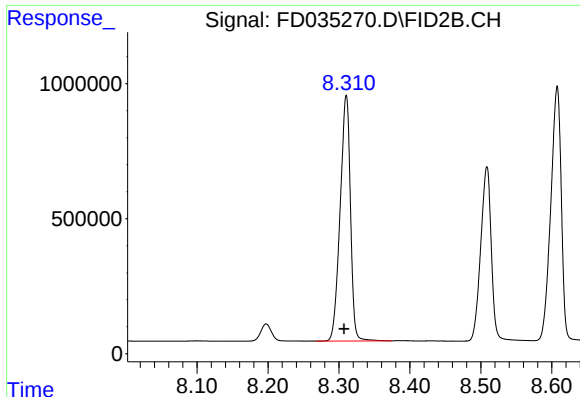
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 9195365
Conc: 67.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 9490838
Conc: 81.83 ug/ml



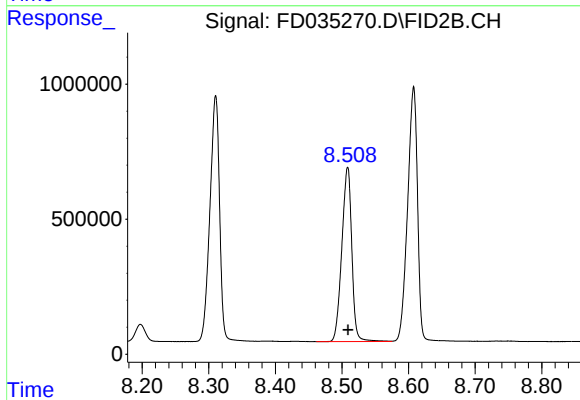
#5 Acenaphthylene (C15.06)

R.T.: 8.310 min
Delta R.T.: 0.003 min
Response: 9170973
Conc: 68.03 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 2

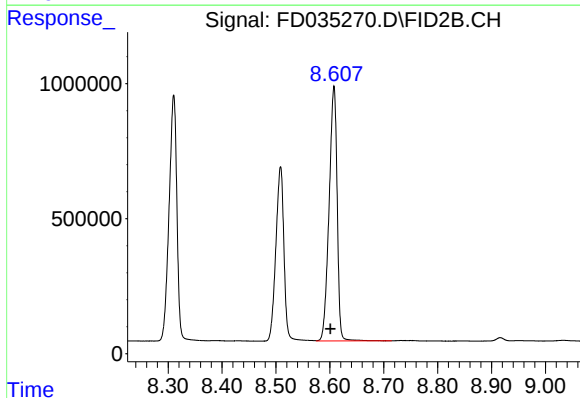
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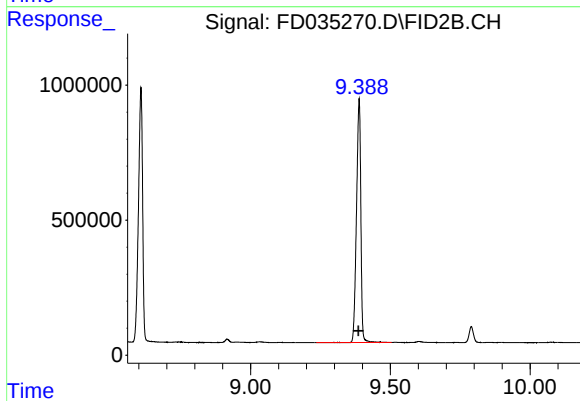
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.508 min
Delta R.T.: -0.001 min
Response: 6720437
Conc: 83.52 ug/ml



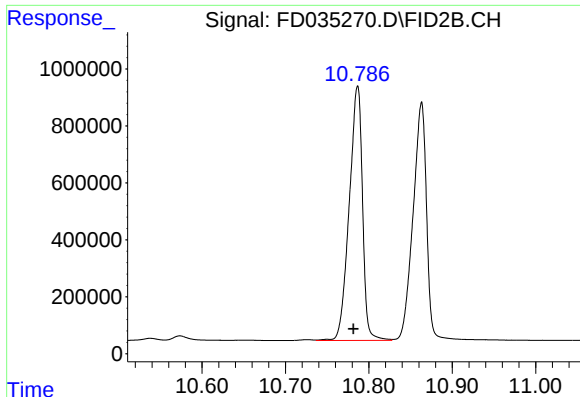
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: 0.006 min
Response: 9767938
Conc: 70.36 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.388 min
Delta R.T.: 0.001 min
Response: 9706980
Conc: 73.21 ug/ml



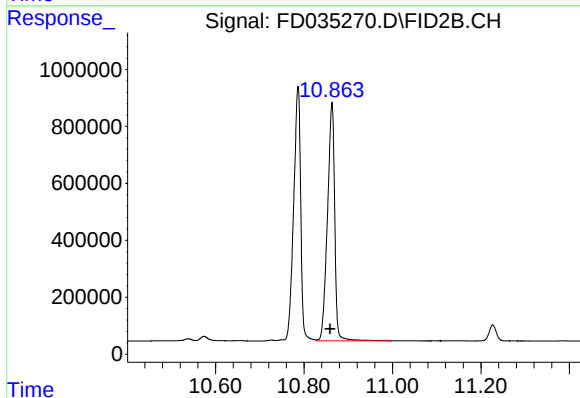
#9 Phenanthrene (C19.36)

R.T.: 10.786 min
Delta R.T.: 0.004 min
Response: 9905948
Conc: 74.94 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 2

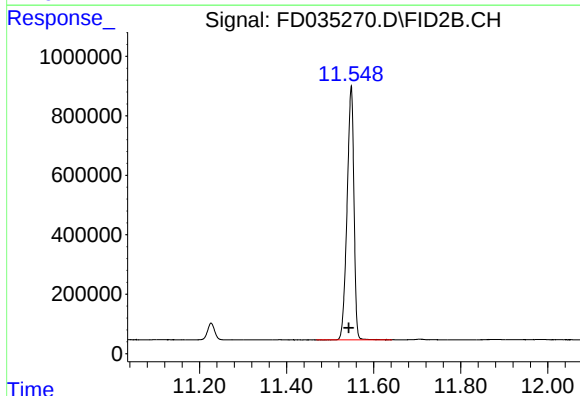
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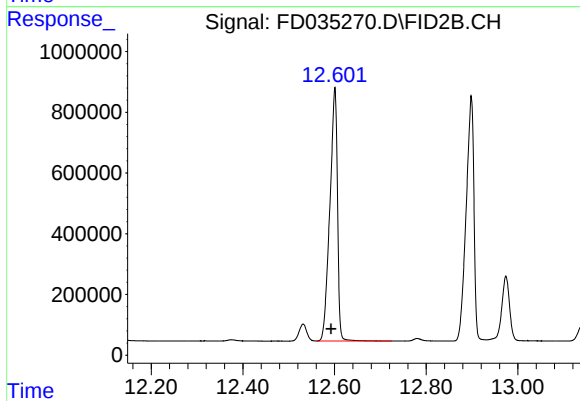
#10 Anthracene (C19.43)

R.T.: 10.863 min
Delta R.T.: 0.004 min
Response: 9509741
Conc: 70.34 ug/ml



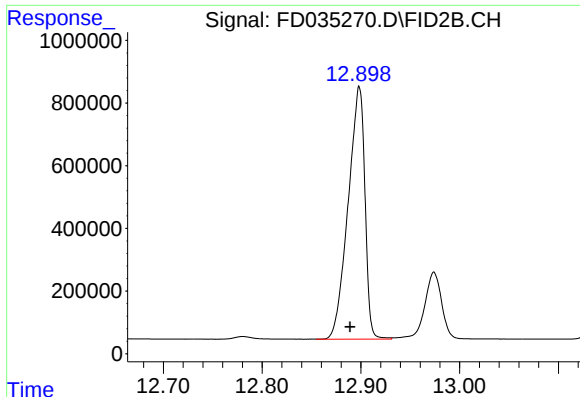
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.005 min
Response: 9304502
Conc: 66.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: 0.008 min
Response: 9640888
Conc: 71.76 ug/ml



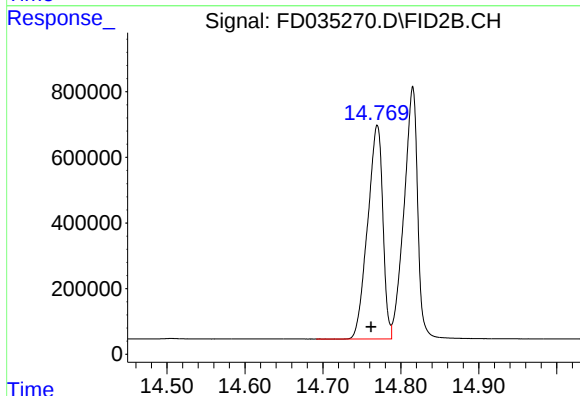
#13 Pyrene (C20.8)

R.T.: 12.898 min
Delta R.T.: 0.009 min
Response: 9514547
Conc: 71.54 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 2

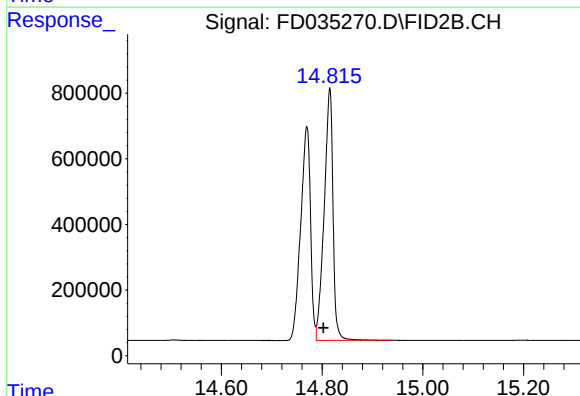
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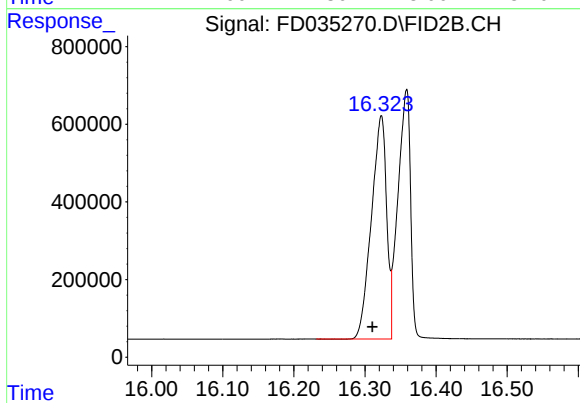
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: 0.007 min
Response: 8828102
Conc: 74.19 ug/ml



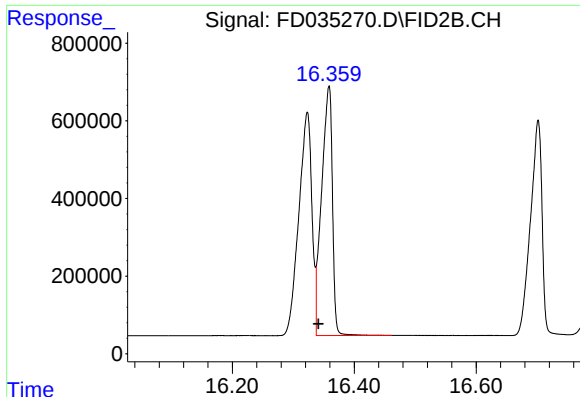
#15 Chrysene (C27.41)

R.T.: 14.815 min
Delta R.T.: 0.012 min
Response: 9352299
Conc: 70.61 ug/ml



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

R.T.: 16.323 min
Delta R.T.: 0.012 min
Response: 8587053
Conc: 72.66 ug/ml



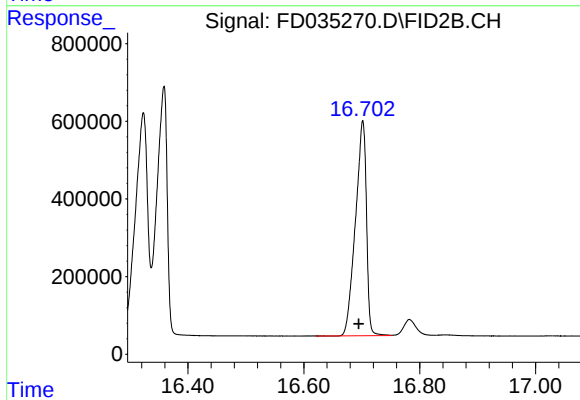
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.358 min
Delta R.T.: 0.016 min
Response: 7891827
Conc: 64.84 ug/ml

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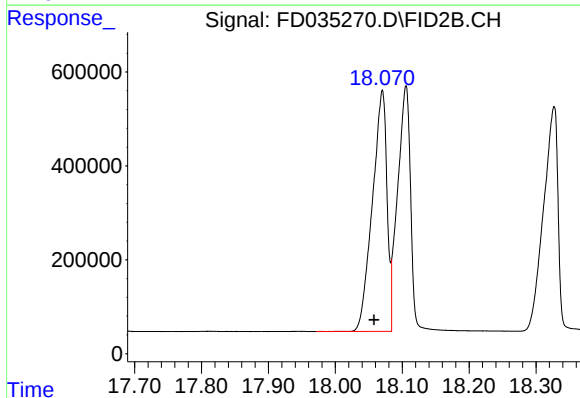
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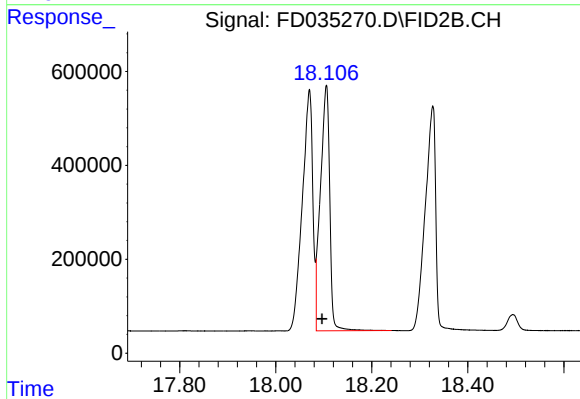
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.701 min
Delta R.T.: 0.006 min
Response: 7294019
Conc: 66.69 ug/ml



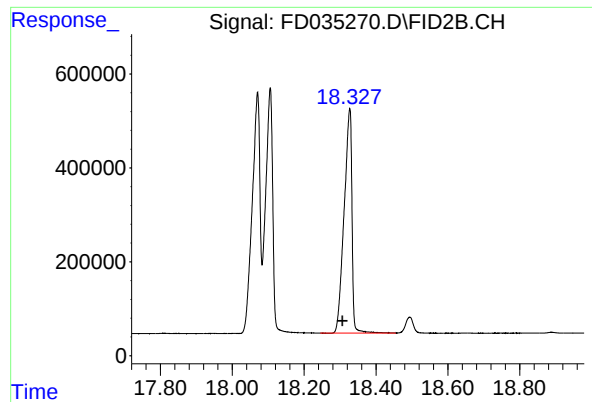
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.012 min
Response: 7796663
Conc: 76.29 ug/ml



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

R.T.: 18.105 min
Delta R.T.: 0.008 min
Response: 7042343
Conc: 61.57 ug/ml



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

R.T.: 18.326 min
Delta R.T.: 0.019 min
Response: 7267155
Conc: 67.88 ug/ml

Instrument :
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ClientSampleId :
FCS CHECK SOL 2

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