

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120519AR\
 Data File : FD031781.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2019 19:42
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

mohammad
 12/6/2019 2:39:14 PM

Integration File: autoint1.e
 Quant Time: Dec 06 02:49:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 02:46:49 2019
 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...	7.645	625681	5.187 ug/ml
Spiked Amount 50.000		Recovery =	10.37%
6) S 2-Fluorobiphenyl (SURR)	8.507	427126	5.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.20%
11) S ortho-Terphenyl (SURR)	11.543	674501	5.198 ug/ml
Spiked Amount 50.000		Recovery =	10.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	631346	5.110 ug/ml
2) T Naphthalene (C11.7)	5.986	679007	5.174 ug/ml
3) T 2-Methylnaphthalene (...)	7.037	675035	5.134 ug/ml
5) T Acenaphthylene (C15.06)	8.311	657739	5.157 ug/ml
7) T Acenaphthene (C15.5)	8.605	679331	5.138 ug/ml
8) T Flouorene (C16.55)	9.385	679154	5.150 ug/ml
9) T Phenanthrene (C19.36)	10.778	681562	5.153 ug/ml
10) T Anthracene (C19.43)	10.852	671508	5.124 ug/ml
12) T Fluoranthene (C21.85)	12.586	685990	5.153 ug/ml
13) T Pyrene (C20.8)	12.883	672939	5.085 ug/ml
14) T Benzo[a]anthracene (C...	14.750	642598	5.124 ug/ml
15) T Chrysene (C27.41)	14.793	650295	5.187 ug/ml
16) T benzo[b]fluoranthene ...	16.297	617037	5.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	616927	5.171 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	598675	5.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	565975	5.071 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	588278	5.309 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	573569	5.185 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 5 PPM AROMATIC HC STD5
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ALS Vial : 56 Sample Multiplier: 1

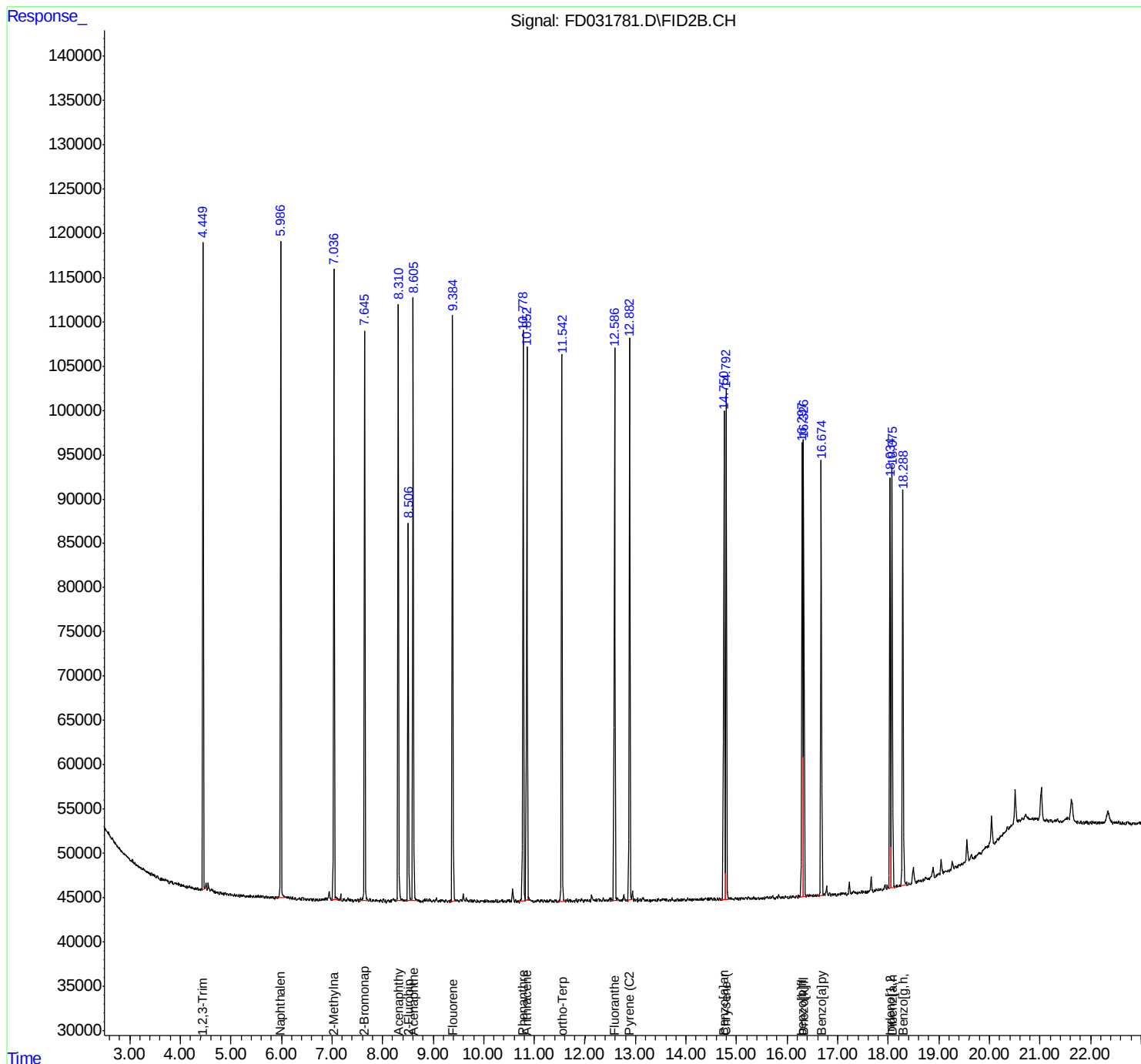
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

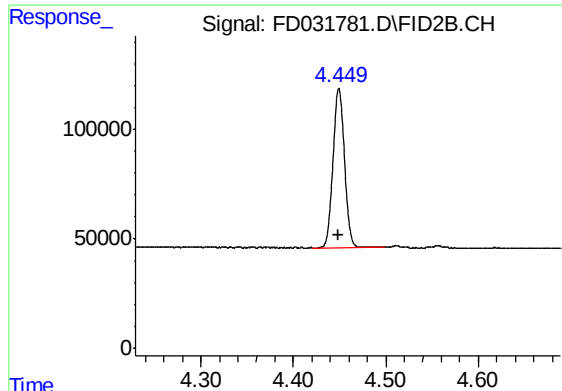
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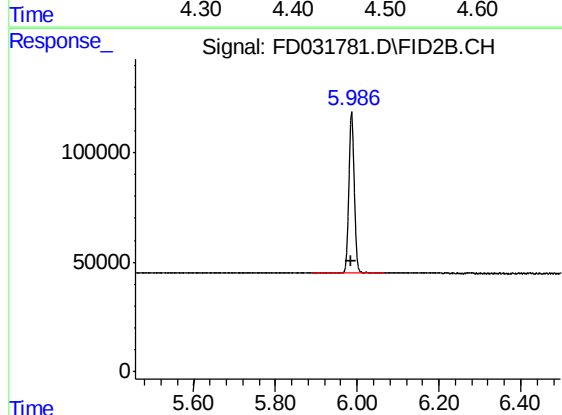
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 631346
Conc: 5.11 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

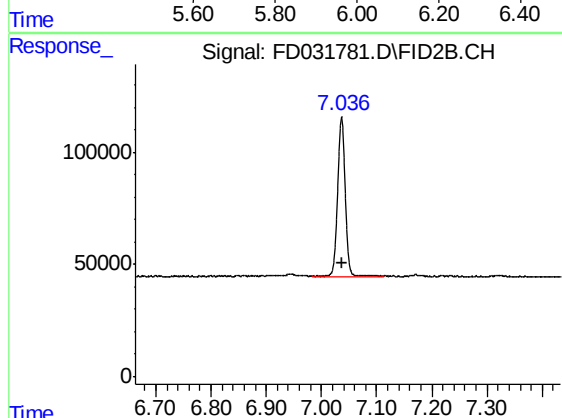
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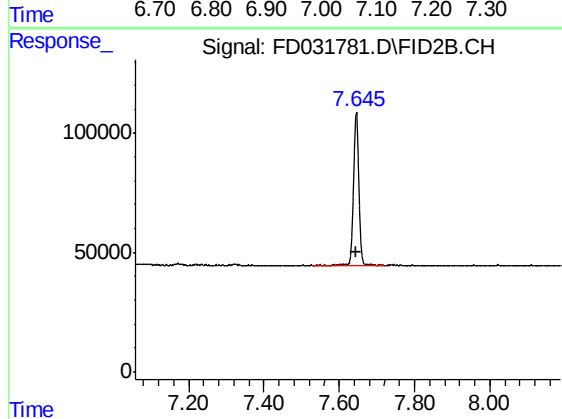
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 679007
Conc: 5.17 ug/ml



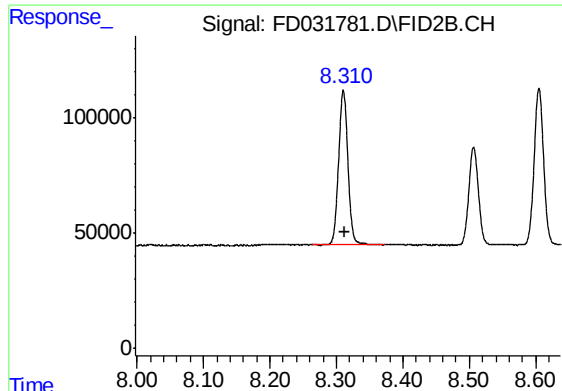
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 675035
Conc: 5.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 625681
Conc: 5.19 ug/ml



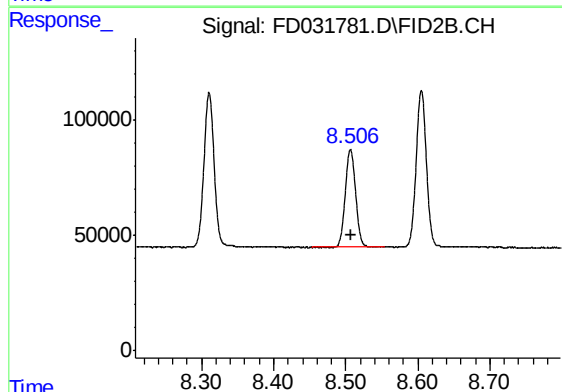
#5 Acenaphthylene (C15.06)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 657739
Conc: 5.16 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5

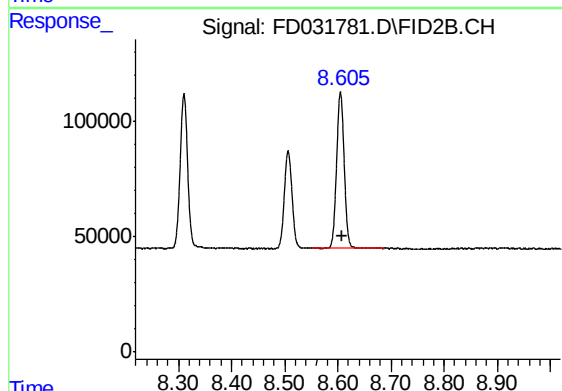
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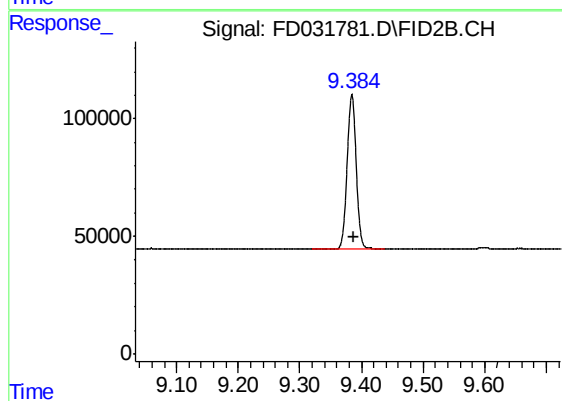
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 427126
Conc: 5.10 ug/ml



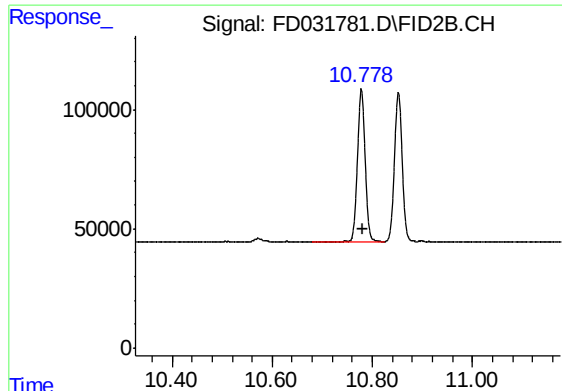
#7 Acenaphthene (C15.5)

R.T.: 8.605 min
Delta R.T.: -0.002 min
Response: 679331
Conc: 5.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.385 min
Delta R.T.: -0.002 min
Response: 679154
Conc: 5.15 ug/ml



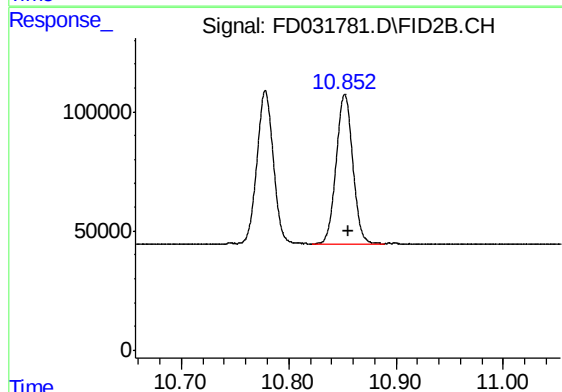
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: -0.002 min
Response: 681562
Conc: 5.15 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

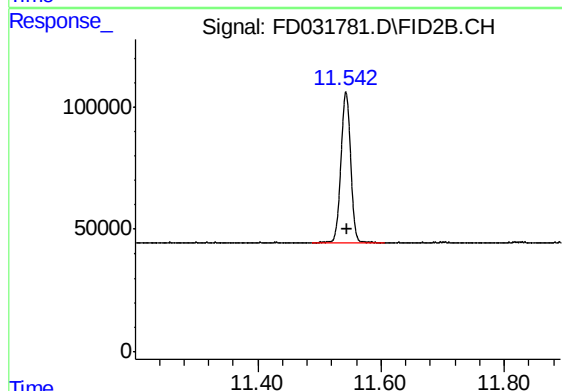
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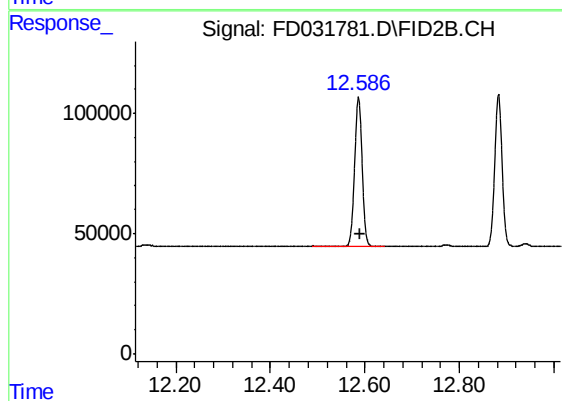
#10 Anthracene (C19.43)

R.T.: 10.852 min
Delta R.T.: -0.003 min
Response: 671508
Conc: 5.12 ug/ml



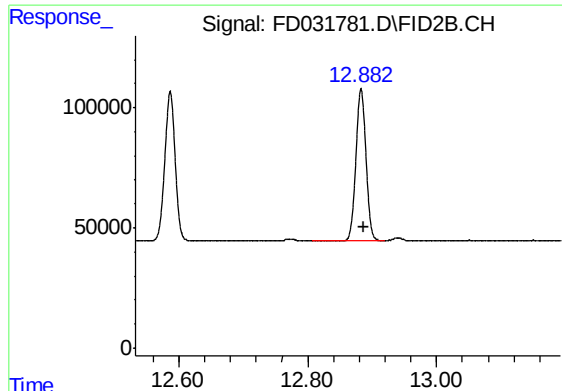
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.001 min
Response: 674501
Conc: 5.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.586 min
Delta R.T.: -0.004 min
Response: 685990
Conc: 5.15 ug/ml



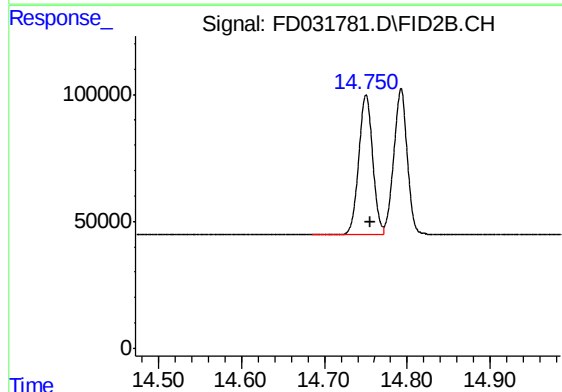
#13 Pyrene (C20.8)

R.T.: 12.883 min
Delta R.T.: -0.004 min
Response: 672939
Conc: 5.09 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5

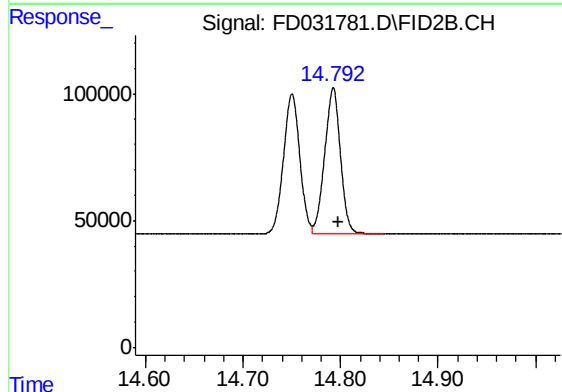
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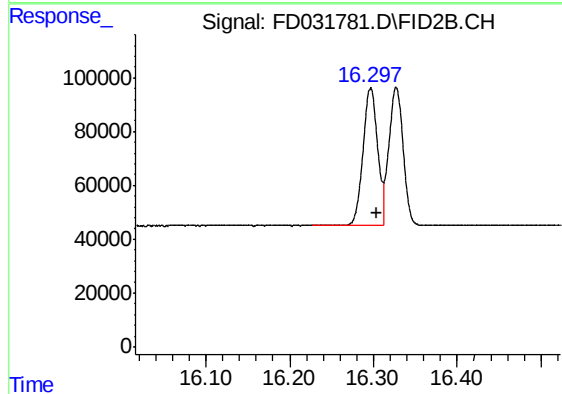
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: -0.005 min
Response: 642598
Conc: 5.12 ug/ml



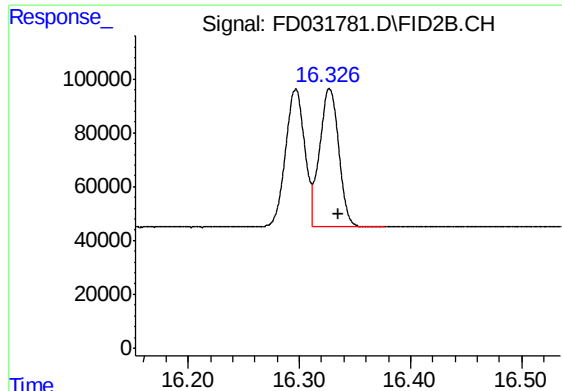
#15 Chrysene (C27.41)

R.T.: 14.793 min
Delta R.T.: -0.005 min
Response: 650295
Conc: 5.19 ug/ml



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

R.T.: 16.297 min
Delta R.T.: -0.007 min
Response: 617037
Conc: 5.11 ug/ml



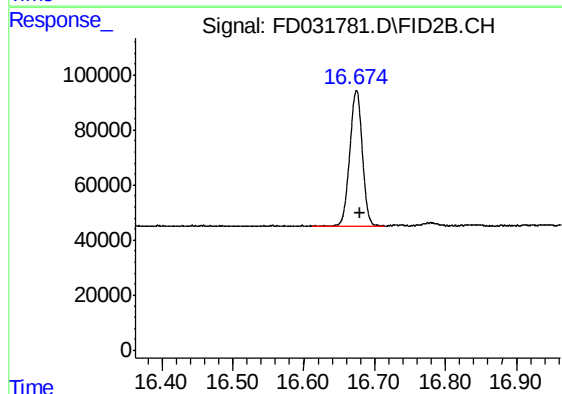
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: -0.008 min
Response: 616927
Conc: 5.17 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

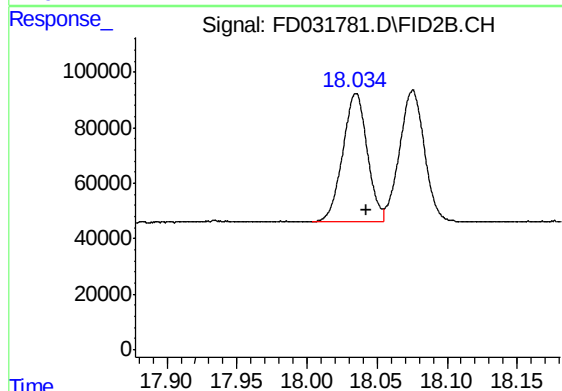
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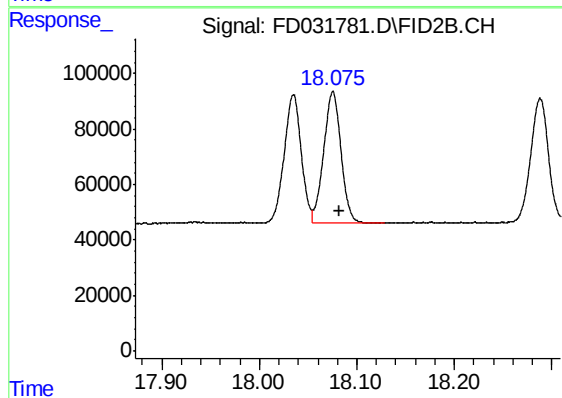
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.006 min
Response: 598675
Conc: 5.09 ug/ml



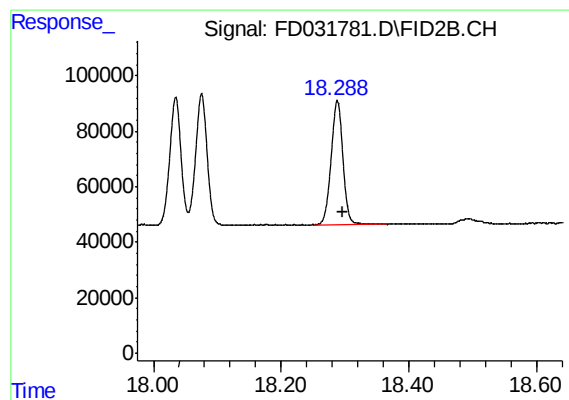
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: -0.008 min
Response: 565975
Conc: 5.07 ug/ml



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

R.T.: 18.075 min
Delta R.T.: -0.007 min
Response: 588278
Conc: 5.31 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.009 min
Response: 573569
Conc: 5.18 ug/ml m

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