

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034596.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2020 23:28
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Ankita
 9/1/2020 1:27:57 PM

Integration File: autoint1.e
 Quant Time: Sep 01 02:12:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:11:55 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...	7.695	10779255	101.673 ug/ml
Spiked Amount 50.000		Recovery =	203.35%
6) S 2-Fluorobiphenyl (SURR)	8.562	7629971	101.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	203.48%#
11) S ortho-Terphenyl (SURR)	11.604	12155419	98.986 ug/ml
Spiked Amount 50.000		Recovery =	197.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	11650959	98.746 ug/ml
2) T Naphthalene (C11.7)	6.031	12391351	102.761 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	12528747	102.545 ug/ml
5) T Acenaphthylene (C15.06)	8.365	12034236	100.007 ug/ml
7) T Acenaphthene (C15.5)	8.663	12284427	100.234 ug/ml
8) T Fluorene (C16.55)	9.444	12022061	101.007 ug/ml
9) T Phenanthrene (C19.36)	10.843	12062607	100.238 ug/ml
10) T Anthracene (C19.43)	10.919	11787908	100.050 ug/ml
12) T Fluoranthene (C21.85)	12.658	11957121	99.682 ug/ml
13) T Pyrene (C20.8)	12.957	11653608	100.151 ug/ml
14) T Benzo[a]anthracene (C...	14.827	11320277	99.577 ug/ml
15) T Chrysene (C27.41)	14.876	11308764	99.183 ug/ml
16) T benzo[b]fluoranthene ...	16.381	10992671	100.185 ug/ml
17) T Bnezo[k]fluoranthene ...	16.420	10526986	97.393 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.763	10780005	99.986 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.131	10936227	106.998 ug/ml
20) T Dibenz[a,h]anthracene...	18.168	9960903	96.044 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.392	10463936	102.054 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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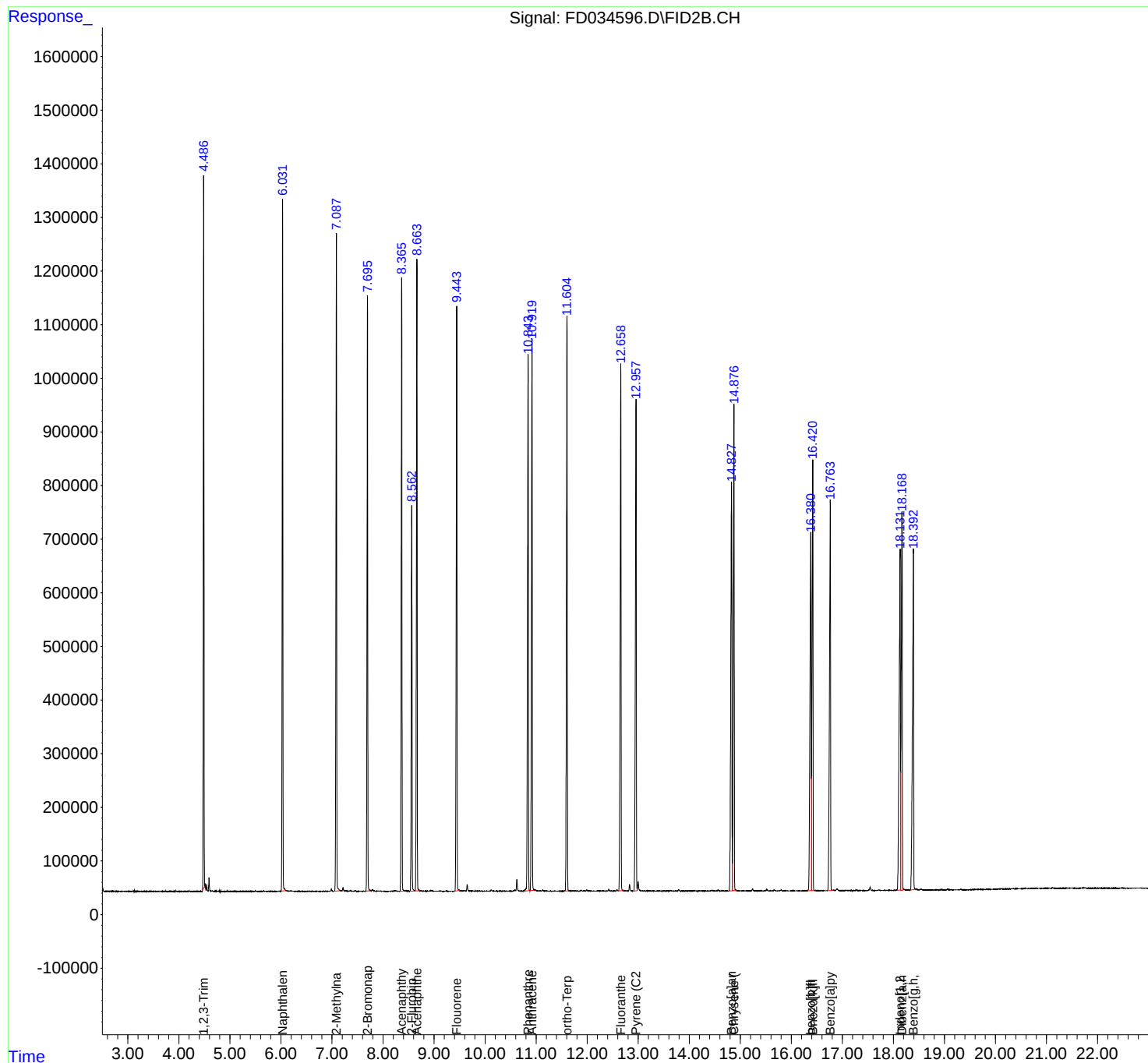
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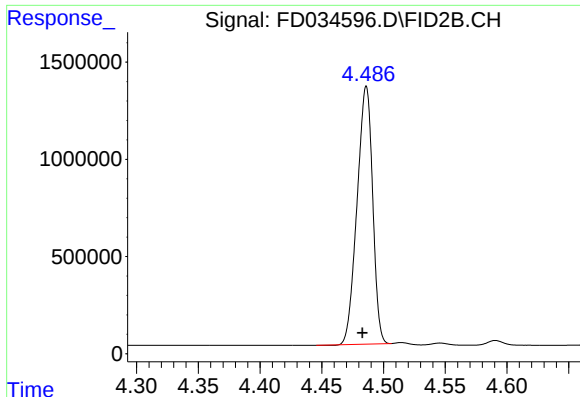
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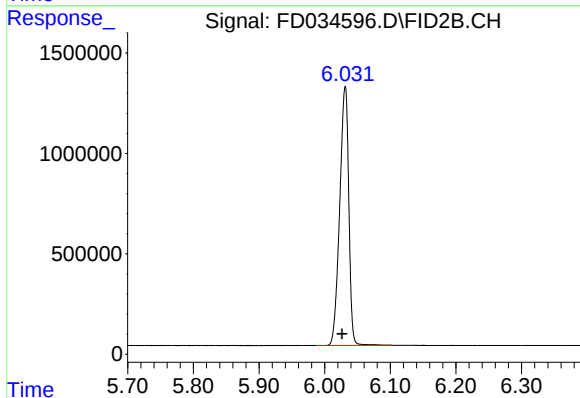
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.486 min
Delta R.T.: 0.003 min
Response: 11650959
Conc: 98.75 ug/ml

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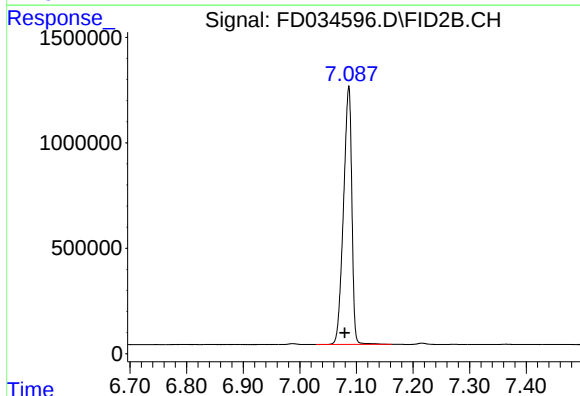
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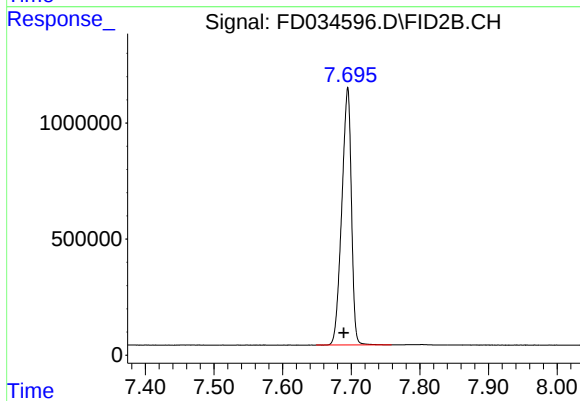
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.005 min
Response: 12391351
Conc: 102.76 ug/ml



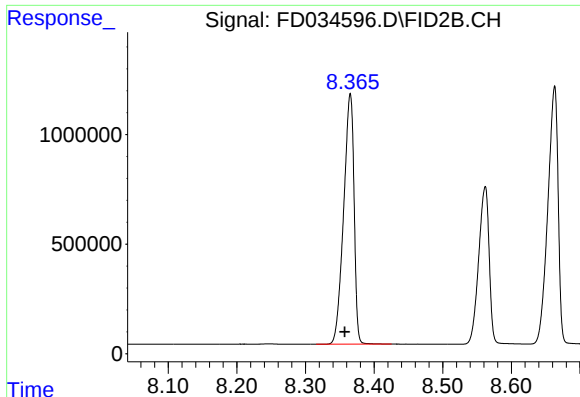
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: 0.007 min
Response: 12528747
Conc: 102.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.695 min
Delta R.T.: 0.006 min
Response: 10779255
Conc: 101.67 ug/ml



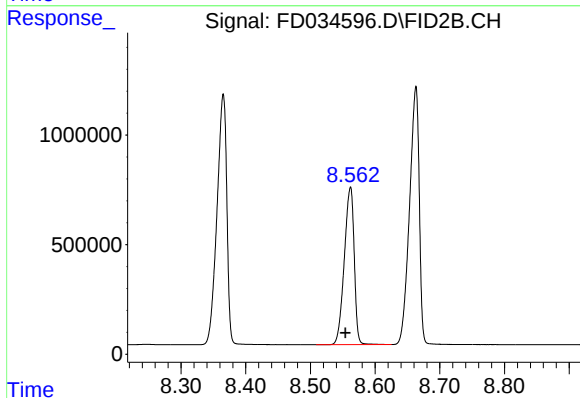
#5 Acenaphthylene (C15.06)

R.T.: 8.365 min
Delta R.T.: 0.008 min
Response: 12034236
Conc: 100.01 ug/ml

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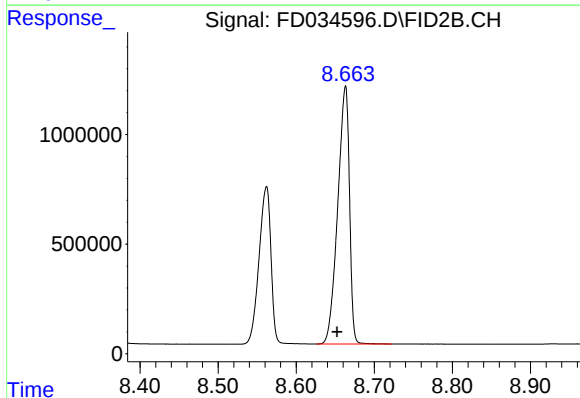
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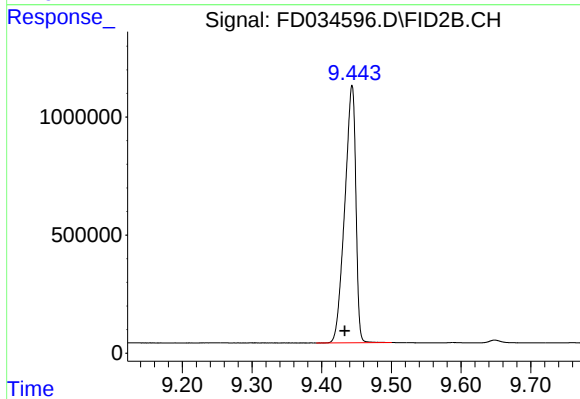
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: 0.007 min
Response: 7629971
Conc: 101.74 ug/ml



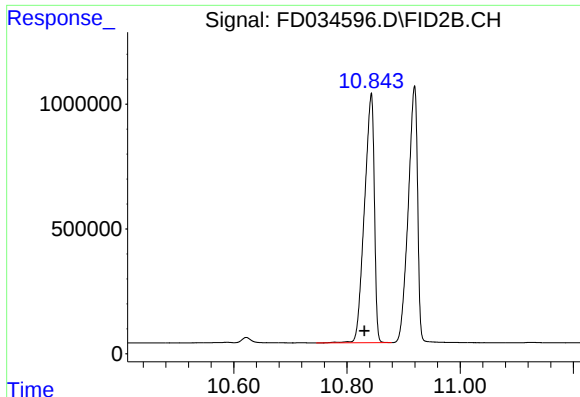
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.011 min
Response: 12284427
Conc: 100.23 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.444 min
Delta R.T.: 0.010 min
Response: 12022061
Conc: 101.01 ug/ml



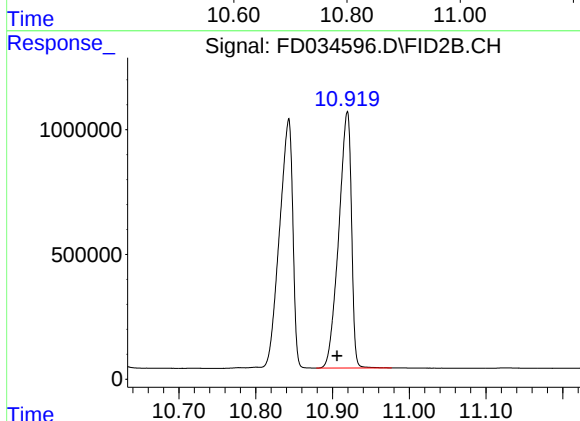
#9 Phenanthrene (C19.36)

R.T.: 10.843 min
Delta R.T.: 0.012 min
Response: 12062607
Conc: 100.24 ug/ml

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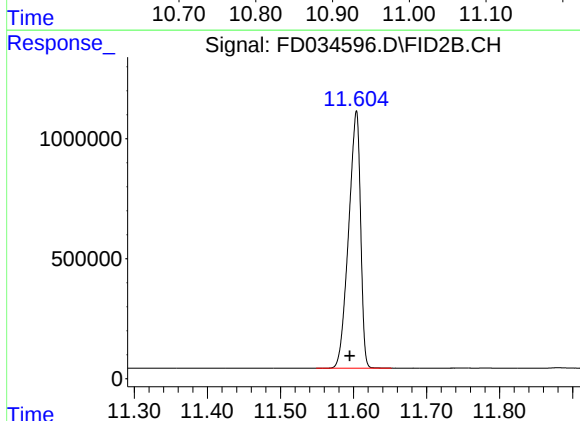
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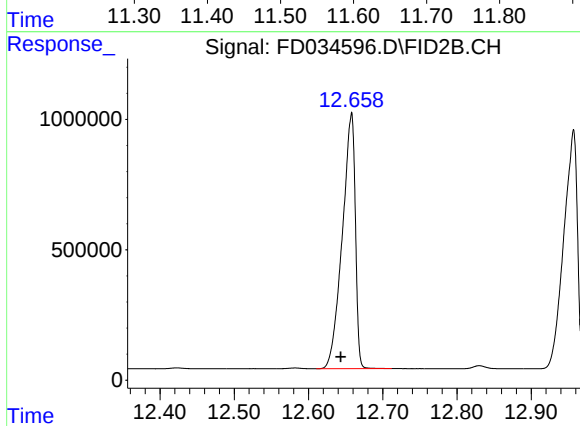
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.013 min
Response: 11787908
Conc: 100.05 ug/ml



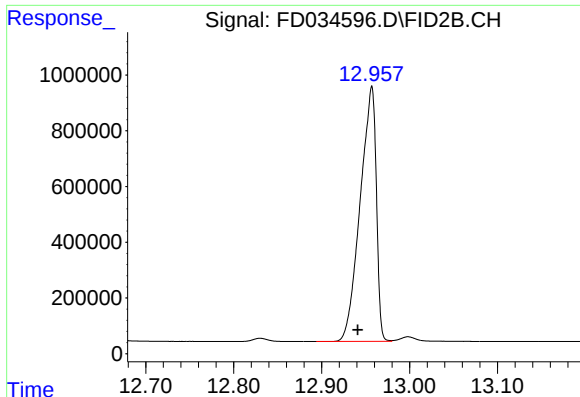
#11 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: 0.009 min
Response: 12155419
Conc: 98.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.658 min
Delta R.T.: 0.014 min
Response: 11957121
Conc: 99.68 ug/ml



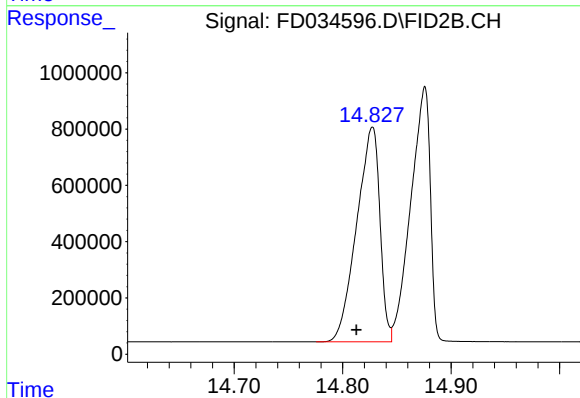
#13 Pyrene (C20.8)

R.T.: 12.957 min
Delta R.T.: 0.016 min
Response: 11653608
Conc: 100.15 ug/ml

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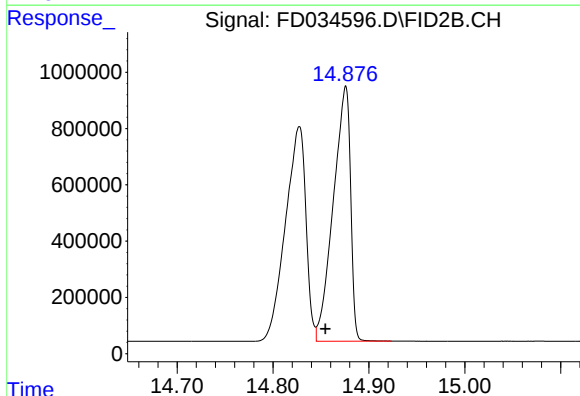
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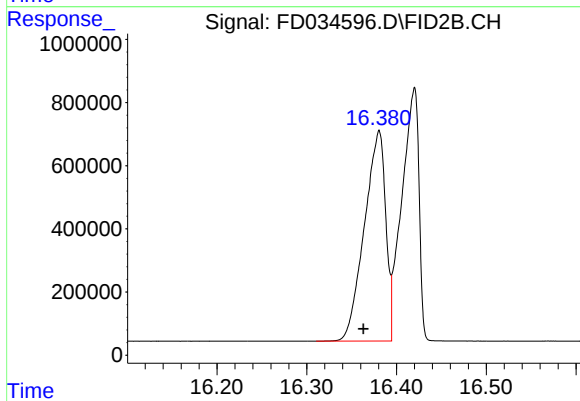
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: 0.015 min
Response: 11320277
Conc: 99.58 ug/ml



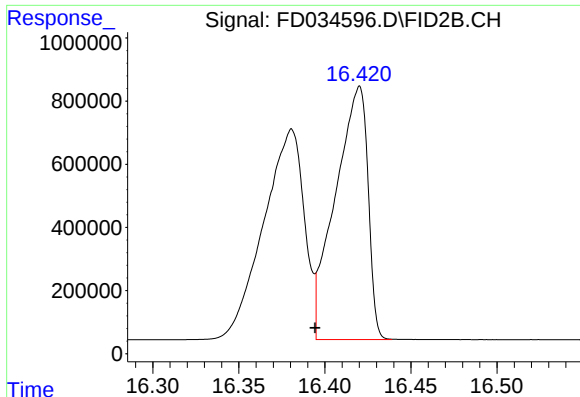
#15 Chrysene (C27.41)

R.T.: 14.876 min
Delta R.T.: 0.021 min
Response: 11308764
Conc: 99.18 ug/ml



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

R.T.: 16.381 min
Delta R.T.: 0.018 min
Response: 10992671
Conc: 100.18 ug/ml



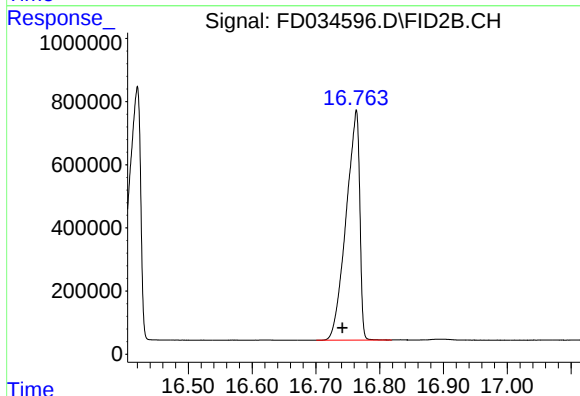
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.420 min
Delta R.T.: 0.026 min
Response: 10526986
Conc: 97.39 ug/ml m

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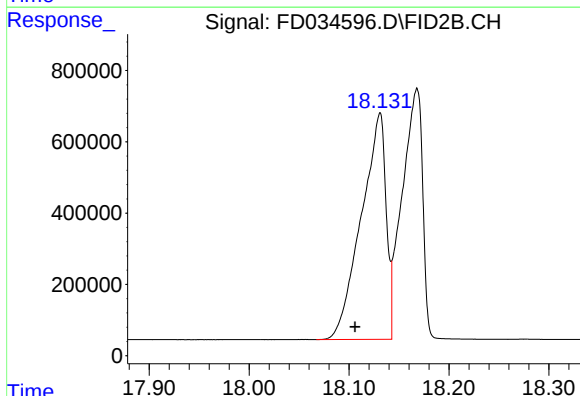
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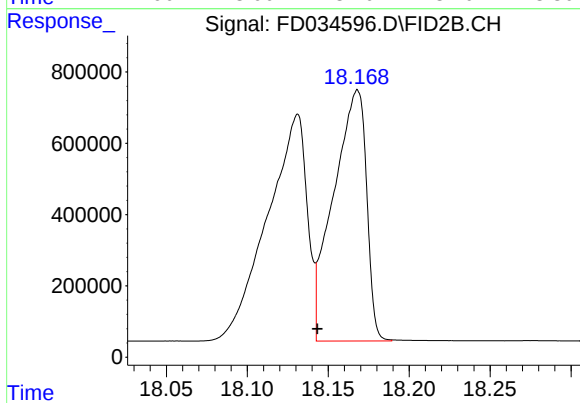
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.763 min
Delta R.T.: 0.021 min
Response: 10780005
Conc: 99.99 ug/ml



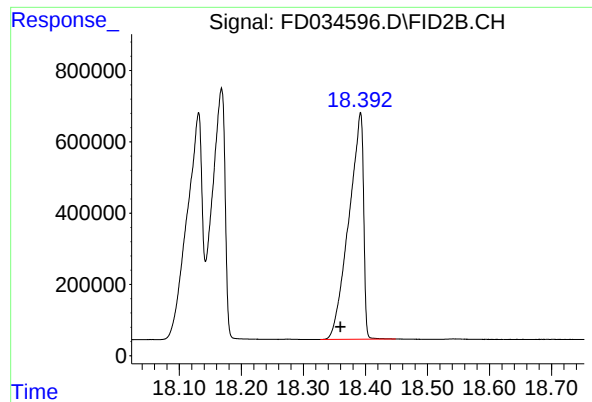
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.131 min
Delta R.T.: 0.025 min
Response: 10936227
Conc: 107.00 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.024 min
Response: 9960903
Conc: 96.04 ug/ml m



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

R.T.: 18.392 min
Delta R.T.: 0.032 min
Response: 10463936
Conc: 102.05 ug/ml

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