

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102120AR\
 Data File : FD035104.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2020 9:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Ankita
 10/22/2020 11:06:38 AM

Integration File: autoint1.e
 Quant Time: Oct 21 15:25:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.650	2126898	18.246 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
6) S 2-Fluorobiphenyl (SURR)	8.515	1420021	17.296 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.59%
11) S ortho-Terphenyl (SURR)	11.553	2369362	17.279 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	2447234	18.848 ug/ml
2) T Naphthalene (C11.7)	5.988	2540180	18.559 ug/ml
3) T 2-Methylnaphthalene (...)	7.040	2516890	18.350 ug/ml
5) T Acenaphthylene (C15.06)	8.316	2379755	17.577 ug/ml
7) T Acenaphthene (C15.5)	8.611	2479737	17.962 ug/ml
8) T Flouorene (C16.55)	9.393	2336681	17.382 ug/ml
9) T Phenanthrene (C19.36)	10.790	2217059	16.599 ug/ml
10) T Anthracene (C19.43)	10.865	2220425	16.442 ug/ml
12) T Fluoranthene (C21.85)	12.601	2099966	15.958 ug/ml
13) T Pyrene (C20.8)	12.896	2105498	16.446 ug/mlm
14) T Benzo[a]anthracene (C...	14.769	1768334	15.533 ug/mlm
15) T Chrysene (C27.41)	14.811	1947493	15.901 ug/ml
16) T benzo[b]fluoranthene ...	16.320	1882220	17.560 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.351	1878837	17.392 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.698	1766706	18.131 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	1749731	18.888 ug/mlm
20) T Dibenz[a,h]anthracene...	18.101	1936758	19.178 ug/ml
21) T Benzo[g,h,i]perylene ...	18.316	1893109	19.646 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

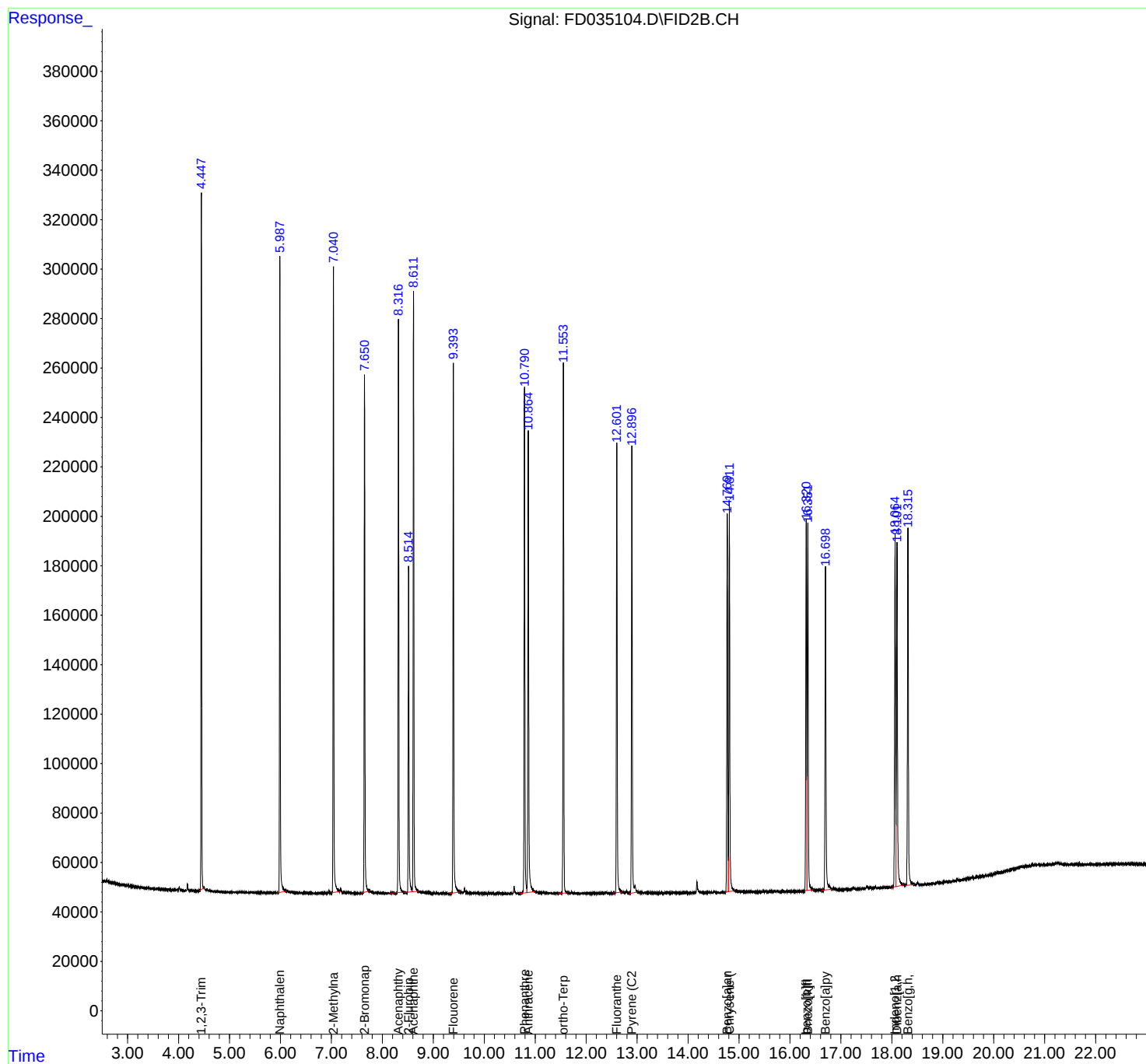
Instrument :
FID_D
ClientSampled :
20 PPM AROMATIC HC STD

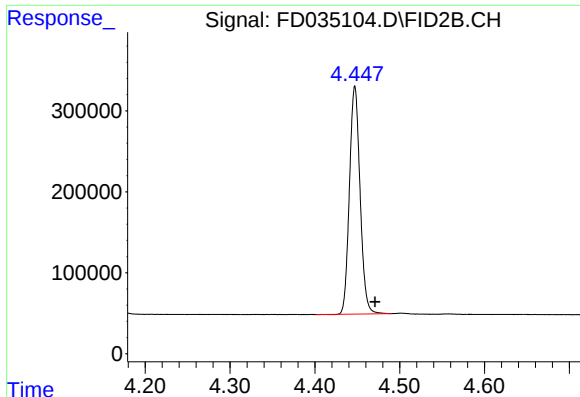
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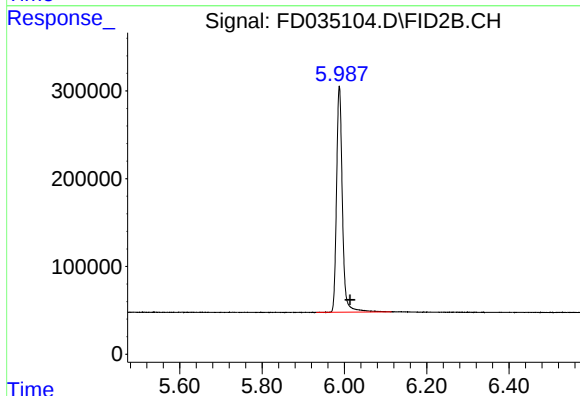
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.447 min
Delta R.T.: -0.024 min
Response: 2447234
Conc: 18.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

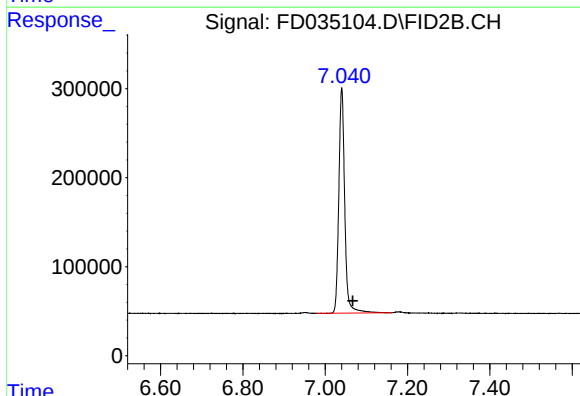
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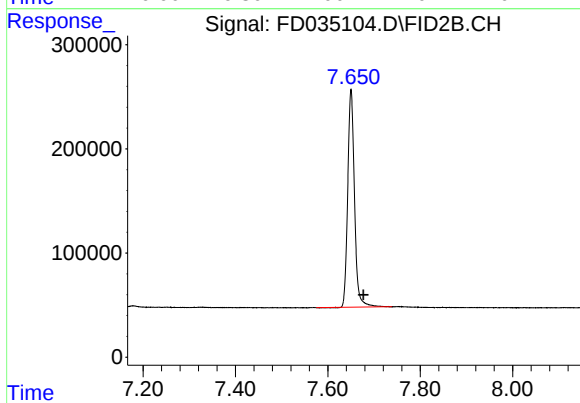
#2 Naphthalene (C11.7)

R.T.: 5.988 min
Delta R.T.: -0.026 min
Response: 2540180
Conc: 18.56 ug/ml



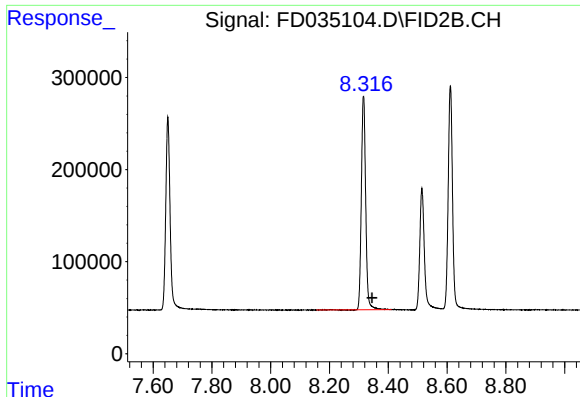
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.027 min
Response: 2516890
Conc: 18.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.650 min
Delta R.T.: -0.027 min
Response: 2126898
Conc: 18.25 ug/ml



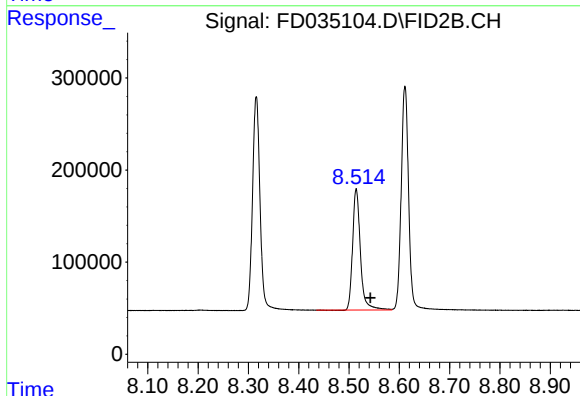
#5 Acenaphthylene (C15.06)

R.T.: 8.316 min
Delta R.T.: -0.029 min
Response: 2379755
Conc: 17.58 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

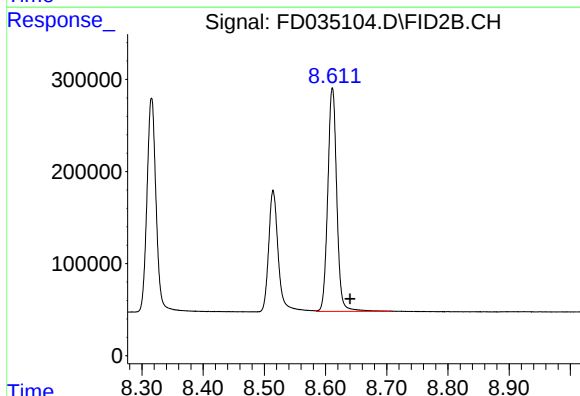
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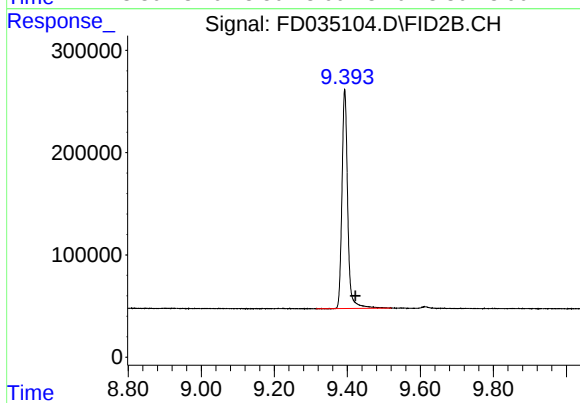
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: -0.028 min
Response: 1420021
Conc: 17.30 ug/ml



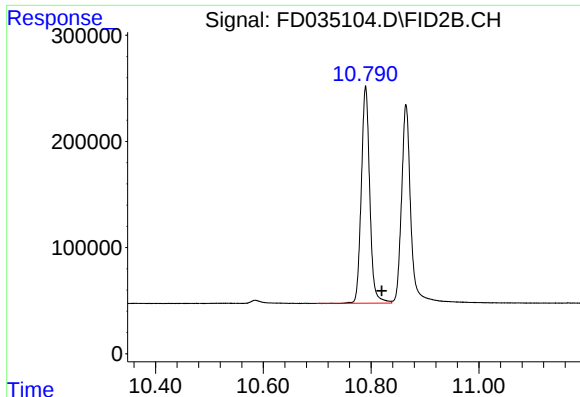
#7 Acenaphthene (C15.5)

R.T.: 8.611 min
Delta R.T.: -0.029 min
Response: 2479737
Conc: 17.96 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.393 min
Delta R.T.: -0.029 min
Response: 2336681
Conc: 17.38 ug/ml



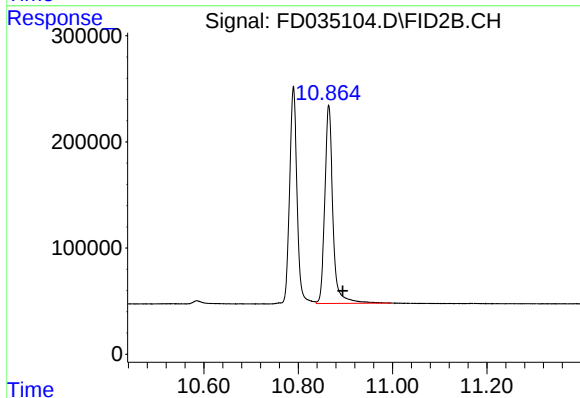
#9 Phenanthrene (C19.36)

R.T.: 10.790 min
Delta R.T.: -0.030 min
Response: 2217059
Conc: 16.60 ug/ml

Instrument :
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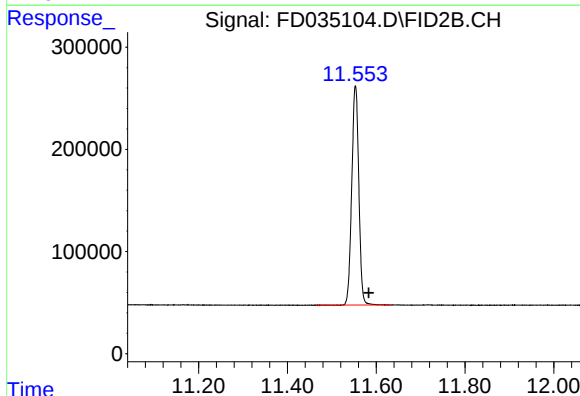
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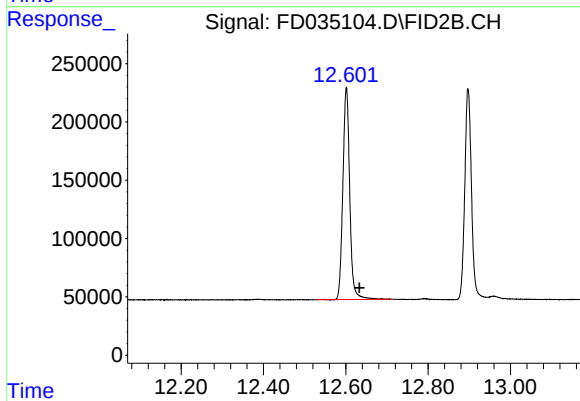
#10 Anthracene (C19.43)

R.T.: 10.865 min
Delta R.T.: -0.030 min
Response: 2220425
Conc: 16.44 ug/ml



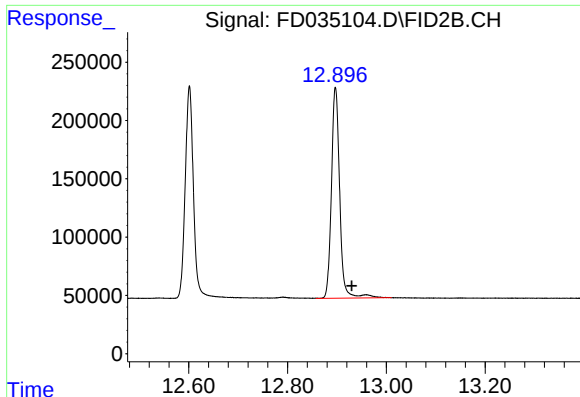
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: -0.030 min
Response: 2369362
Conc: 17.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.601 min
Delta R.T.: -0.032 min
Response: 2099966
Conc: 15.96 ug/ml



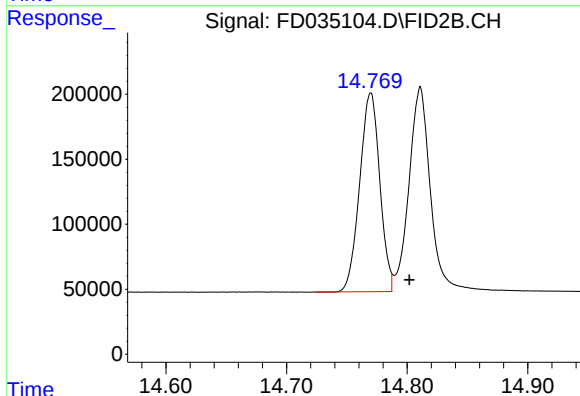
#13 Pyrene (C20.8)

R.T.: 12.896 min
Delta R.T.: -0.034 min
Response: 2105498
Conc: 16.45 ug/ml m

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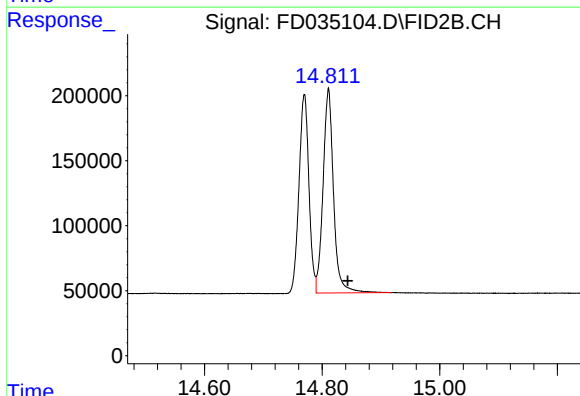
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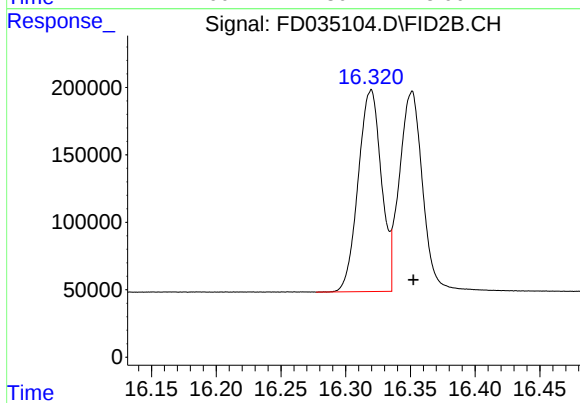
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: -0.033 min
Response: 1768334
Conc: 15.53 ug/ml m



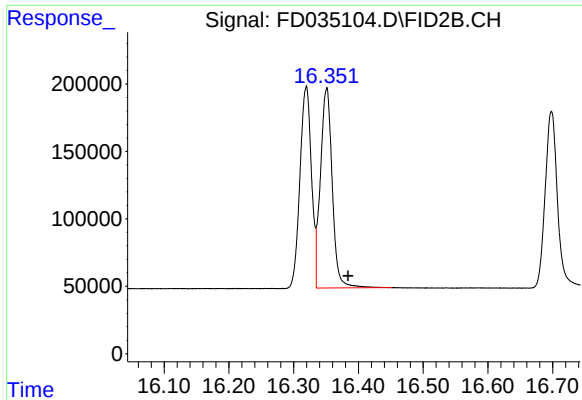
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: -0.033 min
Response: 1947493
Conc: 15.90 ug/ml



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

R.T.: 16.320 min
Delta R.T.: -0.033 min
Response: 1882220
Conc: 17.56 ug/ml m



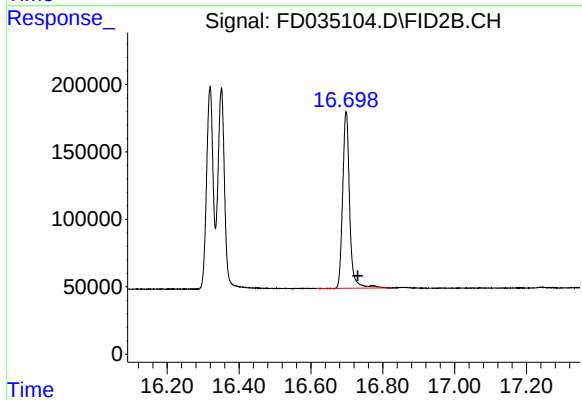
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.351 min
Delta R.T.: -0.033 min
Response: 1878837
Conc: 17.39 ug/ml

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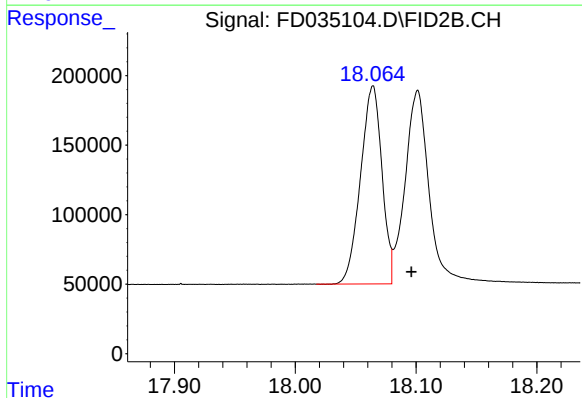
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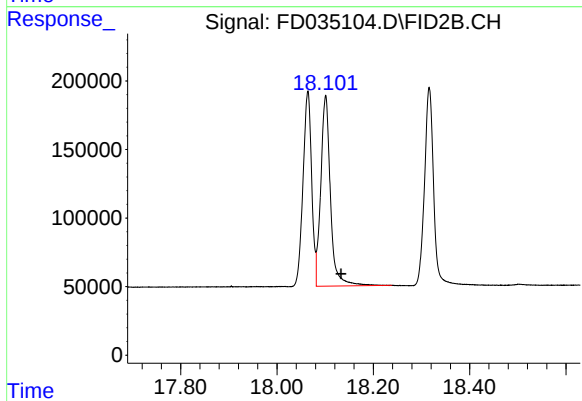
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.698 min
Delta R.T.: -0.033 min
Response: 1766706
Conc: 18.13 ug/ml



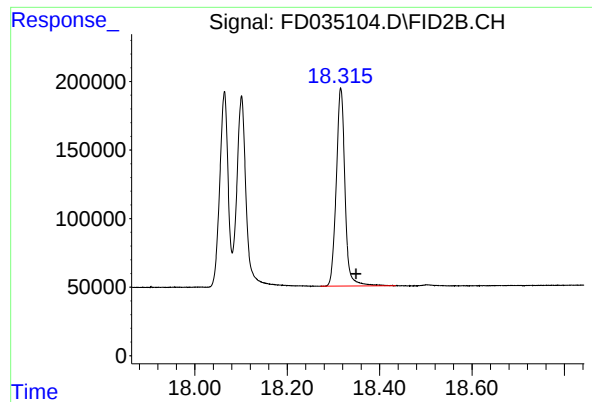
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: -0.032 min
Response: 1749731
Conc: 18.89 ug/ml m



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

R.T.: 18.101 min
Delta R.T.: -0.032 min
Response: 1936758
Conc: 19.18 ug/ml



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

R.T.: 18.316 min
Delta R.T.: -0.033 min
Response: 1893109
Conc: 19.65 ug/ml

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