

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120519AR\
 Data File : FD031777.D
 Signal(s) : FID2B.CH
 Acq On : 05 Dec 2019 17:19
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

mohammad
 12/6/2019 2:39:11 PM

Integration File: autoint1.e
 Quant Time: Dec 06 02:48:38 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...	7.653	12106830	100.360 ug/ml
Spiked Amount 50.000		Recovery =	200.72%
6) S 2-Fluorobiphenyl (SURR)	8.517	8373502	100.025 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	200.05%#
11) S ortho-Terphenyl (SURR)	11.554	12897123	99.389 ug/ml
Spiked Amount 50.000		Recovery =	198.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.452	12502776	101.187 ug/ml
2) T Naphthalene (C11.7)	5.993	13320411	101.494 ug/ml
3) T 2-Methylnaphthalene (...)	7.045	13245002	100.733 ug/ml
5) T Acenaphthylene (C15.06)	8.321	12747808	99.947 ug/ml
7) T Acenaphthene (C15.5)	8.619	13260377	100.295 ug/ml
8) T Fluorene (C16.55)	9.397	13173846	99.899 ug/ml
9) T Phenanthrene (C19.36)	10.794	13171203	99.573 ug/ml
10) T Anthracene (C19.43)	10.870	13045552	99.545 ug/ml
12) T Fluoranthene (C21.85)	12.606	13210307	99.226 ug/ml
13) T Pyrene (C20.8)	12.904	13117744	99.126 ug/ml
14) T Benzo[a]anthracene (C...	14.772	12538676	99.983 ug/ml
15) T Chrysene (C27.41)	14.820	12493394	99.645 ug/ml
16) T benzo[b]fluoranthene ...	16.323	12297426	101.799 ug/ml
17) T Bnezo[k]fluoranthene ...	16.362	11996670	100.557 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.705	11970376	101.756 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	11875354	106.392 ug/ml
20) T Dibenz[a,h]anthracene...	18.109	10822989	97.678 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.332	11286507	102.028 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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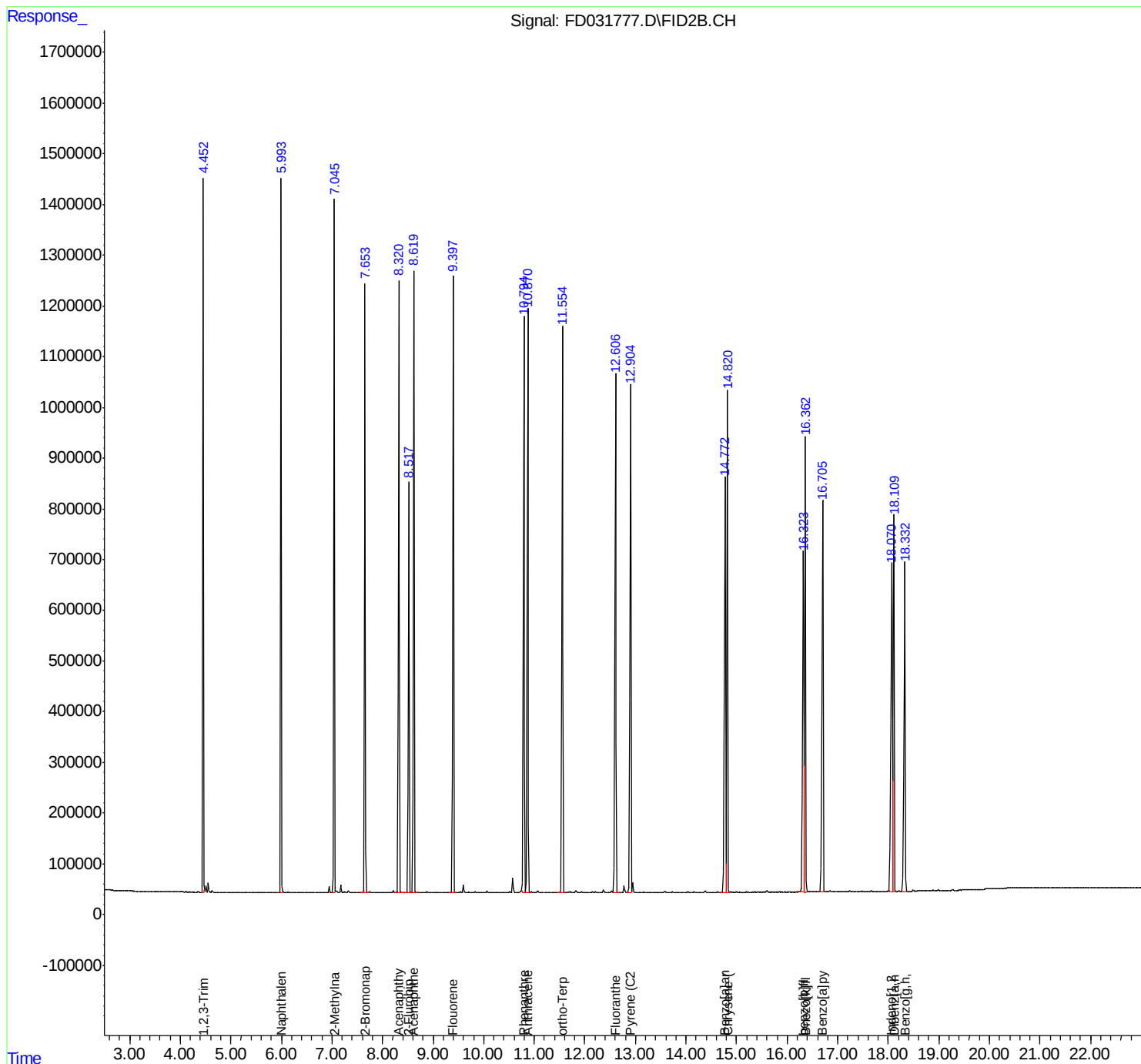
Instrument :
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100 PPM AROMATIC HC STD1

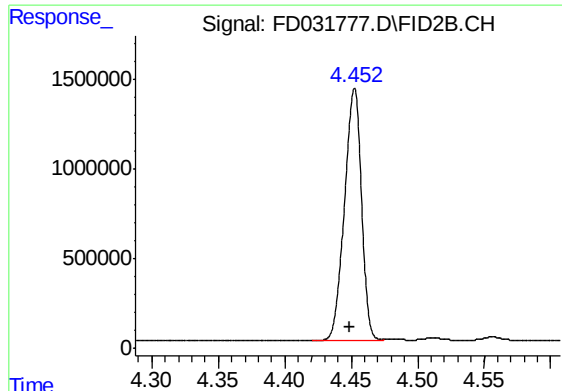
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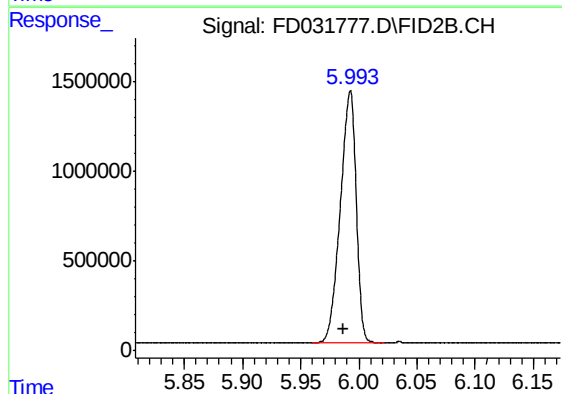
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.452 min
Delta R.T.: 0.003 min
Response: 12502776
Conc: 101.19 ug/ml

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100 PPM AROMATIC HC STD1

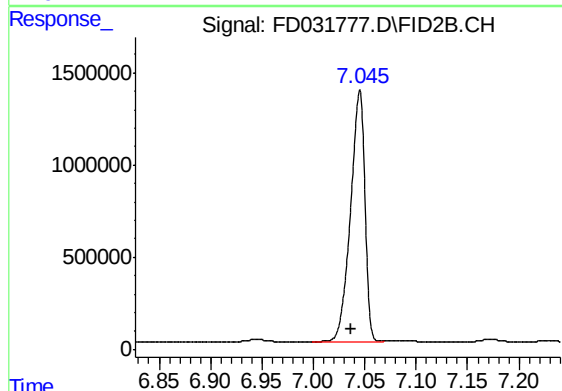
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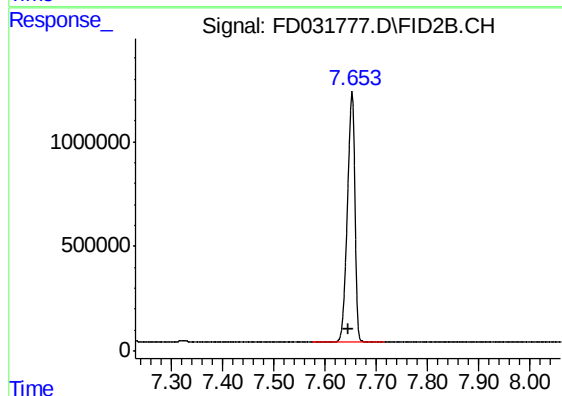
#2 Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: 0.006 min
Response: 13320411
Conc: 101.49 ug/ml



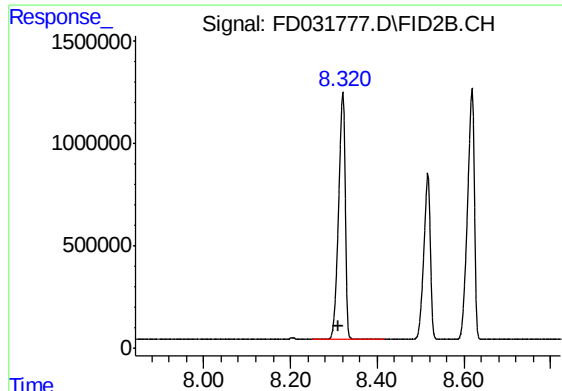
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 13245002
Conc: 100.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.653 min
Delta R.T.: 0.007 min
Response: 12106830
Conc: 100.36 ug/ml



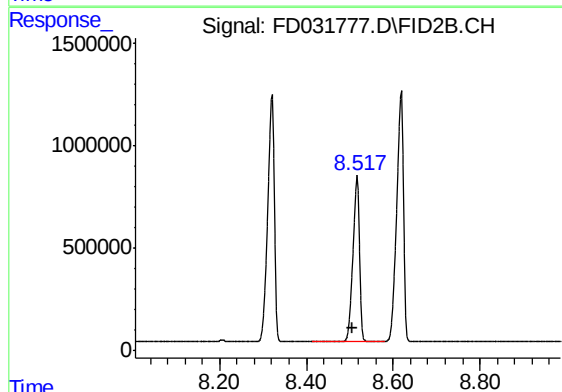
#5 Acenaphthylene (C15.06)

R.T.: 8.321 min
Delta R.T.: 0.009 min
Response: 12747808
Conc: 99.95 ug/ml

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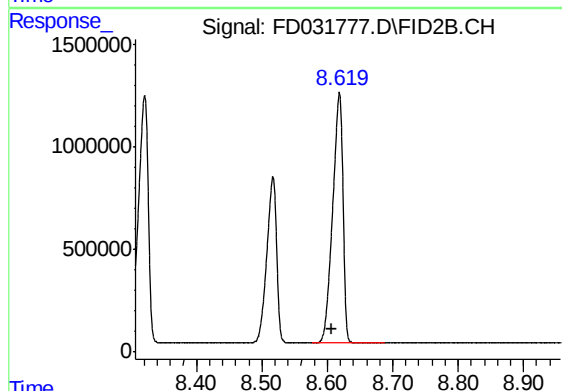
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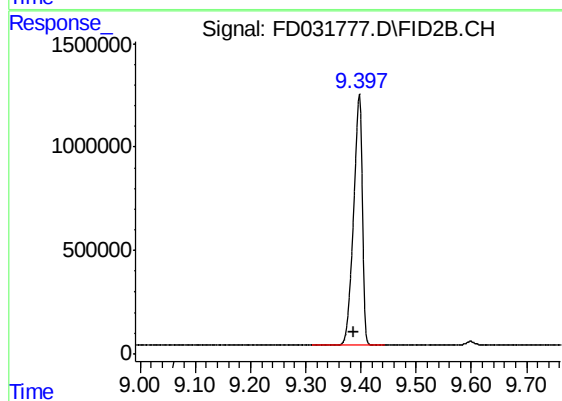
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: 0.010 min
Response: 8373502
Conc: 100.03 ug/ml



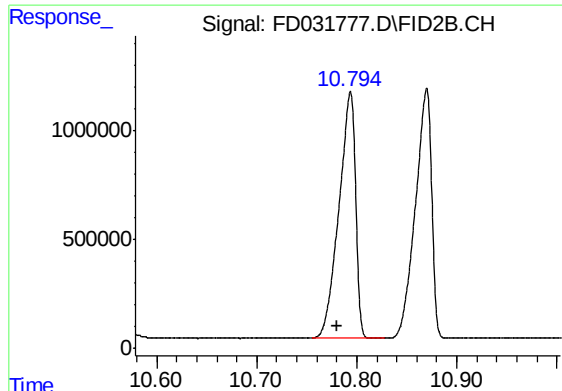
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.011 min
Response: 13260377
Conc: 100.30 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.397 min
Delta R.T.: 0.011 min
Response: 13173846
Conc: 99.90 ug/ml



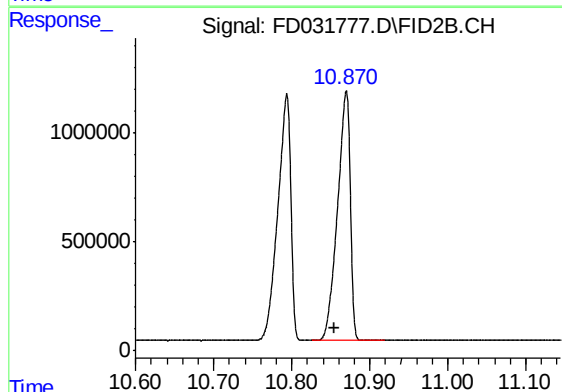
#9 Phenanthrene (C19.36)

R.T.: 10.794 min
Delta R.T.: 0.013 min
Response: 13171203
Conc: 99.57 ug/ml

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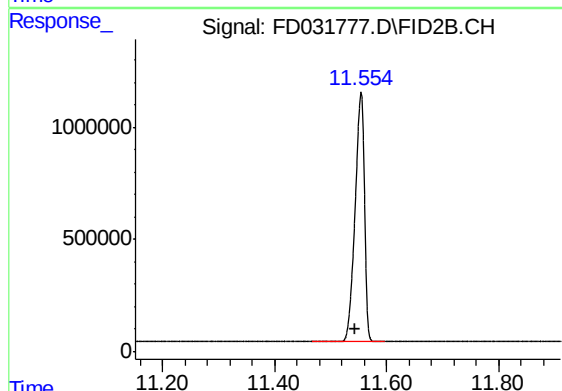
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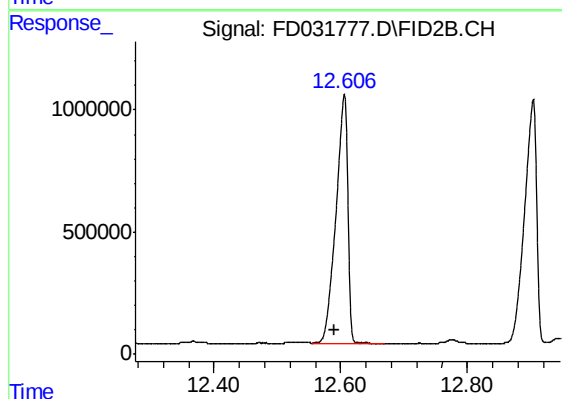
#10 Anthracene (C19.43)

R.T.: 10.870 min
Delta R.T.: 0.015 min
Response: 13045552
Conc: 99.55 ug/ml



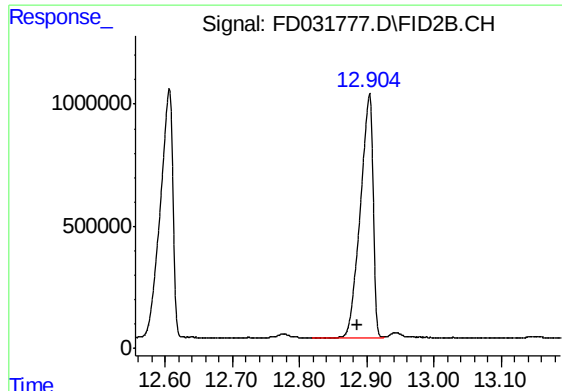
#11 ortho-Terphenyl (SURRE)

R.T.: 11.554 min
Delta R.T.: 0.010 min
Response: 12897123
Conc: 99.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.606 min
Delta R.T.: 0.015 min
Response: 13210307
Conc: 99.23 ug/ml



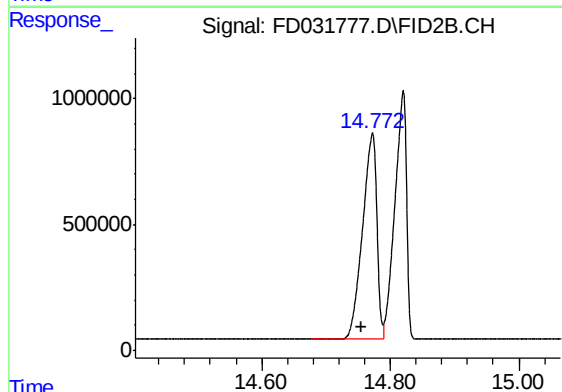
#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: 0.017 min
Response: 13117744
Conc: 99.13 ug/ml

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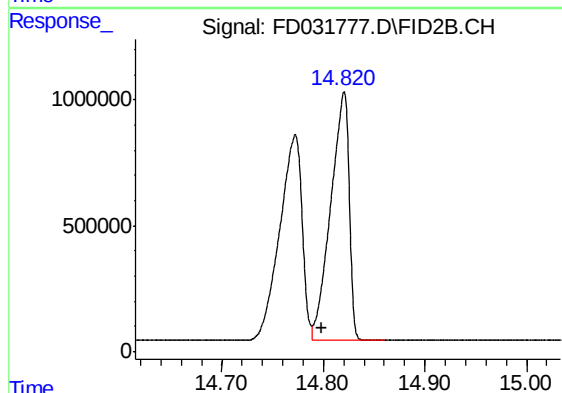
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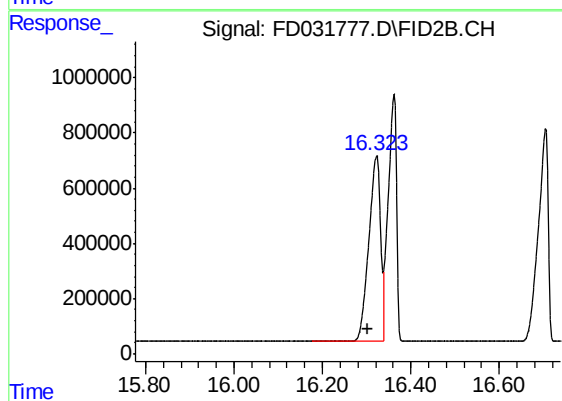
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min
Delta R.T.: 0.017 min
Response: 12538676
Conc: 99.98 ug/ml



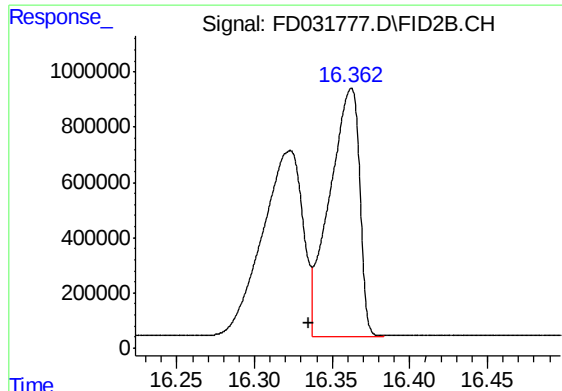
#15 Chrysene (C27.41)

R.T.: 14.820 min
Delta R.T.: 0.022 min
Response: 12493394
Conc: 99.64 ug/ml



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

R.T.: 16.323 min
Delta R.T.: 0.019 min
Response: 12297426
Conc: 101.80 ug/ml



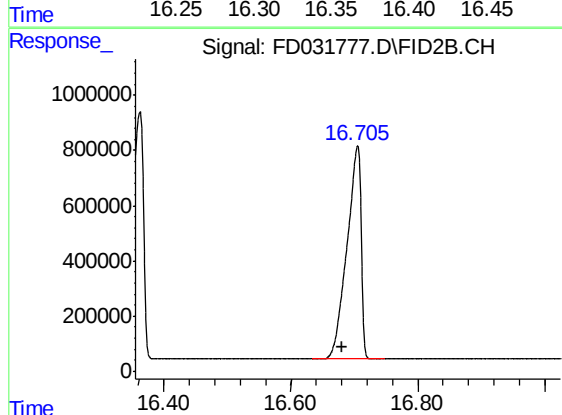
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.362 min
Delta R.T.: 0.027 min
Response: 11996670
Conc: 100.56 ug/ml m

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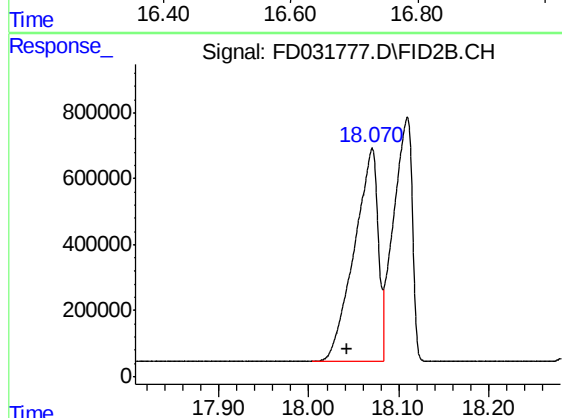
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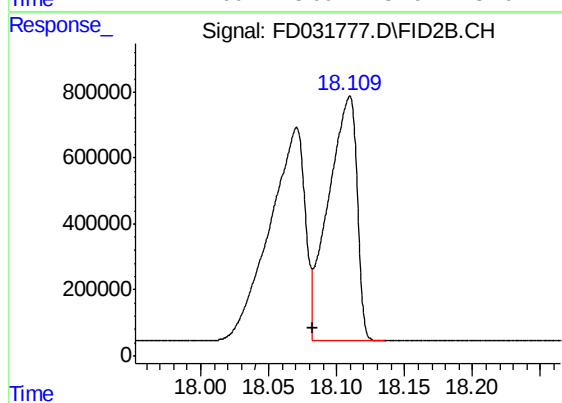
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.705 min
Delta R.T.: 0.025 min
Response: 11970376
Conc: 101.76 ug/ml



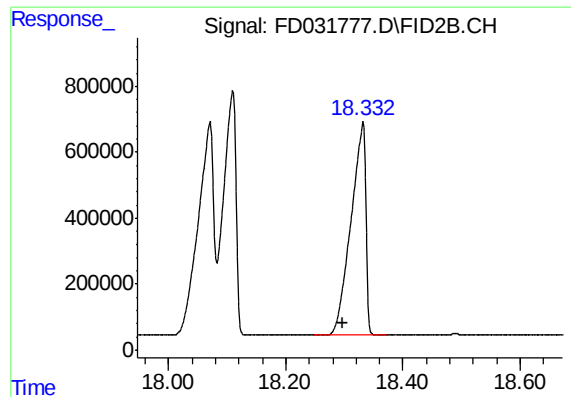
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.028 min
Response: 11875354
Conc: 106.39 ug/ml



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

R.T.: 18.109 min
Delta R.T.: 0.027 min
Response: 10822989
Conc: 97.68 ug/ml m



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

R.T.: 18.332 min
Delta R.T.: 0.035 min
Response: 11286507
Conc: 102.03 ug/ml

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