

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037060.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 2:03
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

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 4/22/2021 4:48:46 PM

Integration File: autoint1.e
 Quant Time: Apr 22 04:07:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 04:06:44 2021
 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...	7.583	11628860	100.805 ug/ml
Spiked Amount 50.000		Recovery =	201.61%
6) S 2-Fluorobiphenyl (SURR)	8.445	7770717	102.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	205.59%#
11) S ortho-Terphenyl (SURR)	11.486	11960290	99.580 ug/ml
Spiked Amount 50.000		Recovery =	199.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	12846559	99.614 ug/ml
2) T Naphthalene (C11.7)	5.920	13393188	100.189 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	13137855	100.628 ug/ml
5) T Acenaphthylene (C15.06)	8.249	12322801	100.665 ug/ml
7) T Acenaphthene (C15.5)	8.547	12659271	100.540 ug/ml
8) T Fluorene (C16.55)	9.326	12186189	101.554 ug/ml
9) T Phenanthrene (C19.36)	10.721	11804743	102.137 ug/ml
10) T Anthracene (C19.43)	10.798	11661279	103.414 ug/ml
12) T Fluoranthene (C21.85)	12.534	11485677	101.245 ug/ml
13) T Pyrene (C20.8)	12.831	11351287	101.422 ug/ml
14) T Benzo[a]anthracene (C...	14.701	10828431	100.755 ug/ml
15) T Chrysene (C27.41)	14.749	11000369	99.765 ug/ml
16) T benzo[b]fluoranthene ...	16.253	10988561	101.077 ug/ml
17) T Bnezo[k]fluoranthene ...	16.291	10606870	100.018 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.633	10161324	100.834 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	10951679	105.947 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	10009831	96.090 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.262	10697376	102.020 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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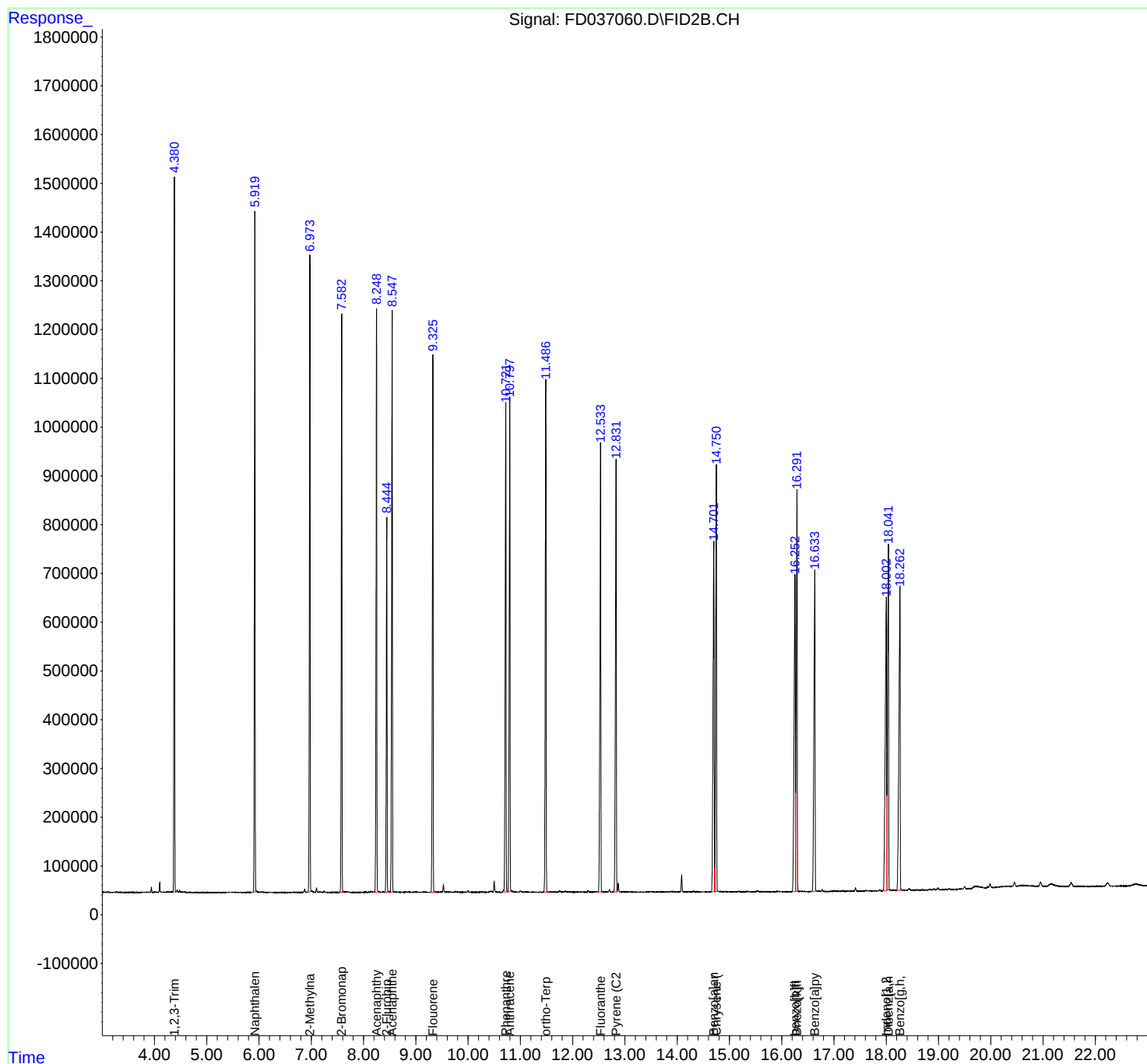
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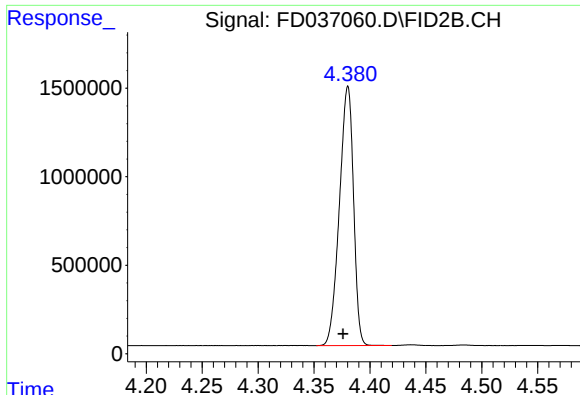
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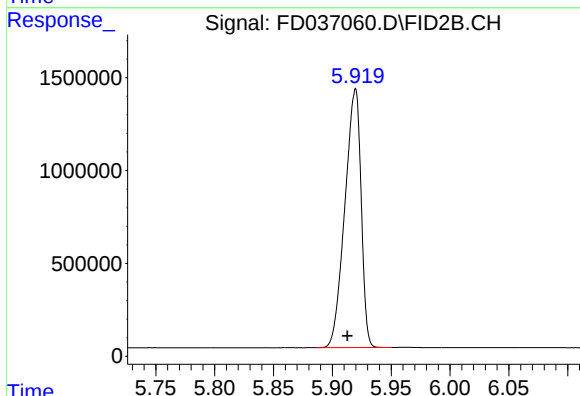
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: 0.004 min
Response: 12846559
Conc: 99.61 ug/ml

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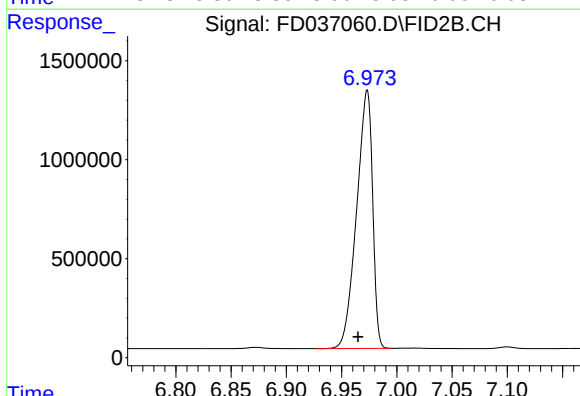
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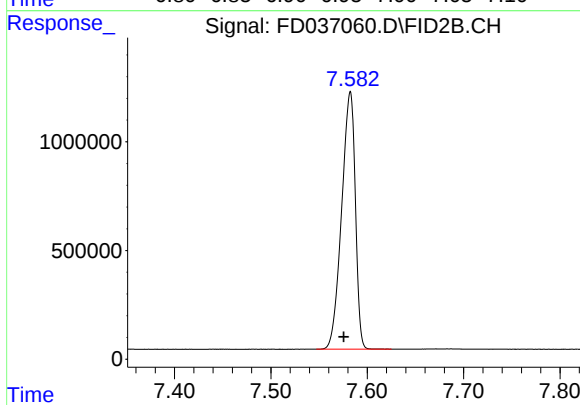
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: 0.007 min
Response: 13393188
Conc: 100.19 ug/ml



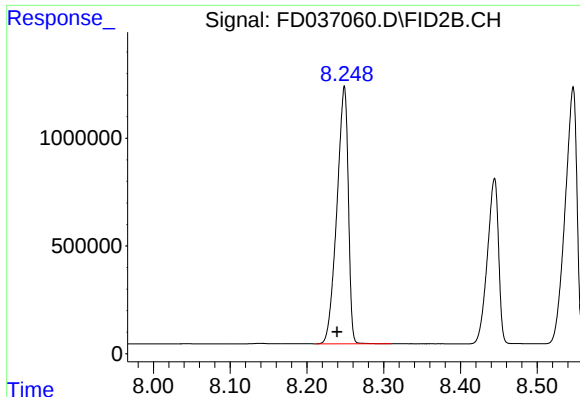
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: 0.008 min
Response: 13137855
Conc: 100.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.583 min
Delta R.T.: 0.007 min
Response: 11628860
Conc: 100.81 ug/ml



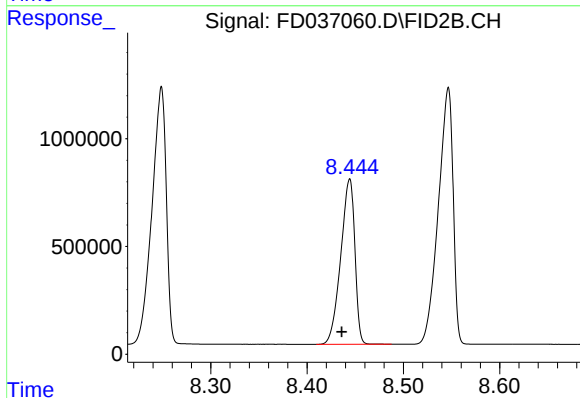
#5 Acenaphthylene (C15.06)

R.T.: 8.249 min
Delta R.T.: 0.010 min
Response: 12322801
Conc: 100.67 ug/ml

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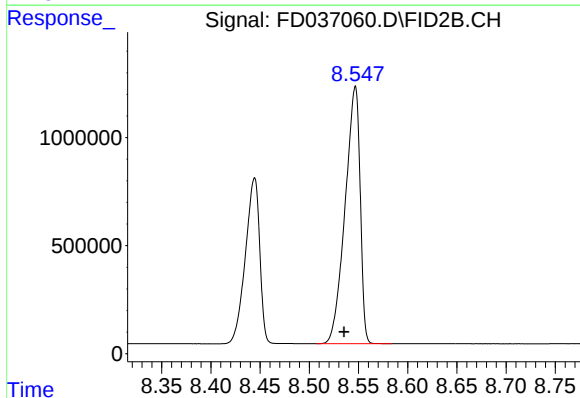
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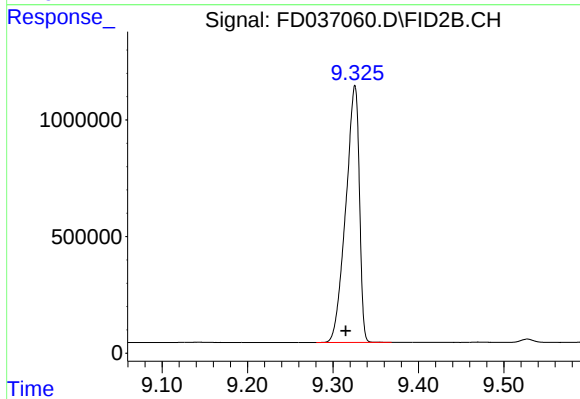
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.445 min
Delta R.T.: 0.008 min
Response: 7770717
Conc: 102.80 ug/ml



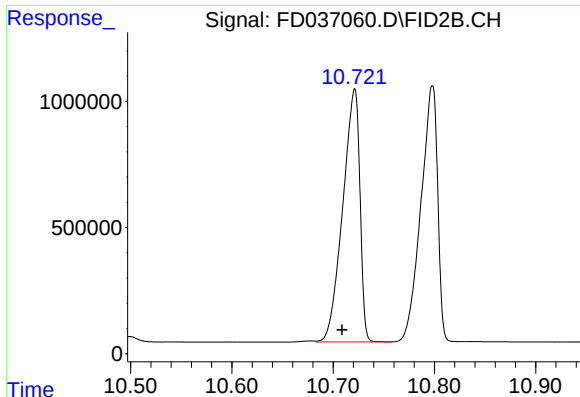
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: 0.012 min
Response: 12659271
Conc: 100.54 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.326 min
Delta R.T.: 0.011 min
Response: 12186189
Conc: 101.55 ug/ml



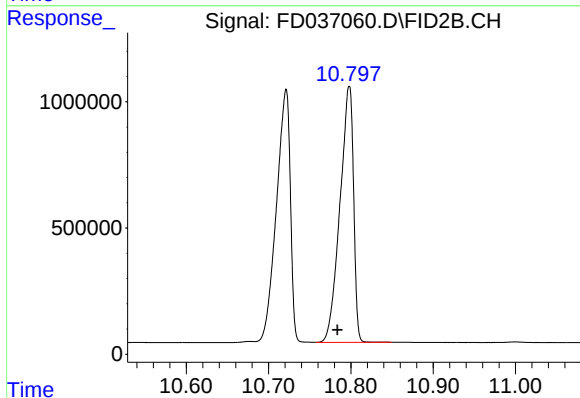
#9 Phenanthrene (C19.36)

R.T.: 10.721 min
Delta R.T.: 0.013 min
Response: 11804743
Conc: 102.14 ug/ml

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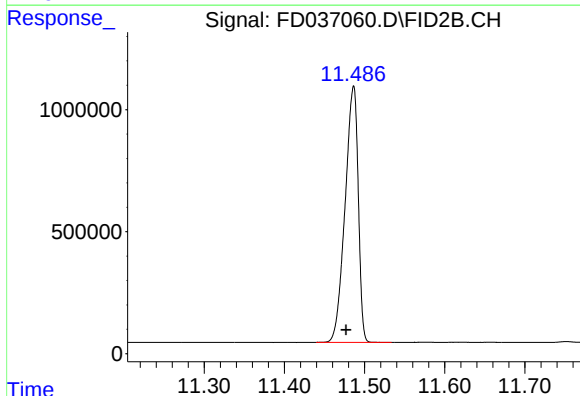
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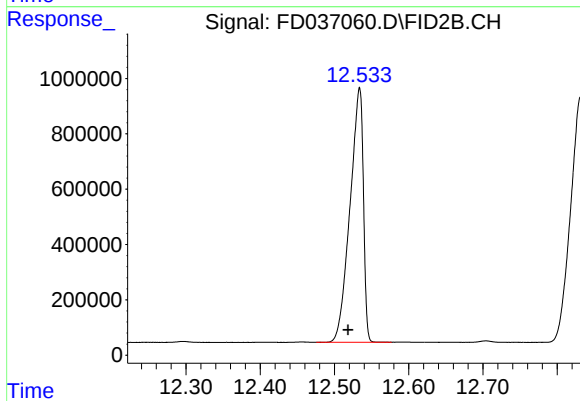
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: 0.015 min
Response: 11661279
Conc: 103.41 ug/ml



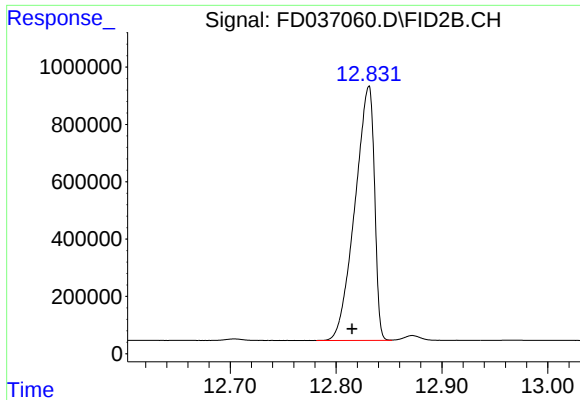
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: 0.009 min
Response: 11960290
Conc: 99.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.534 min
Delta R.T.: 0.015 min
Response: 11485677
Conc: 101.24 ug/ml



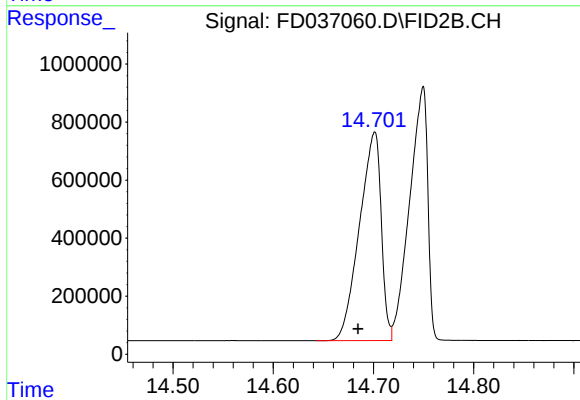
#13 Pyrene (C20.8)

R.T.: 12.831 min
Delta R.T.: 0.016 min
Response: 11351287
Conc: 101.42 ug/ml

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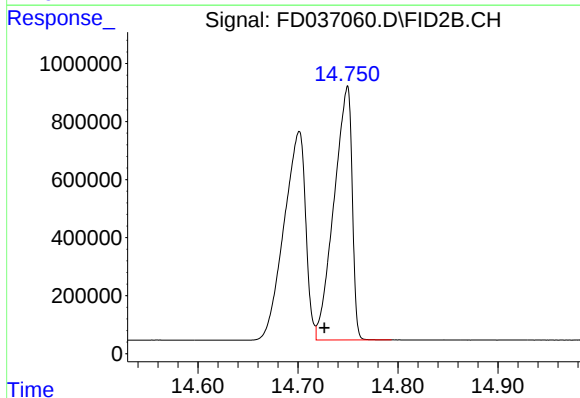
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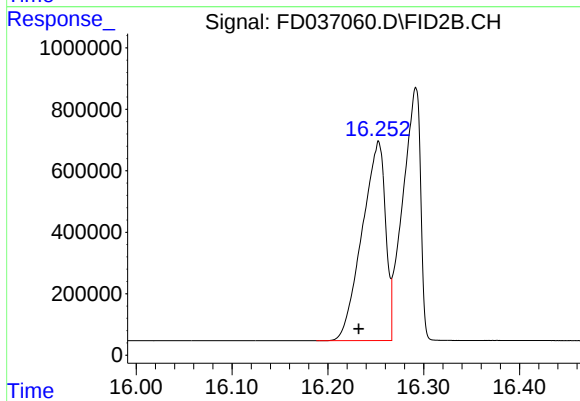
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: 0.016 min
Response: 10828431
Conc: 100.76 ug/ml



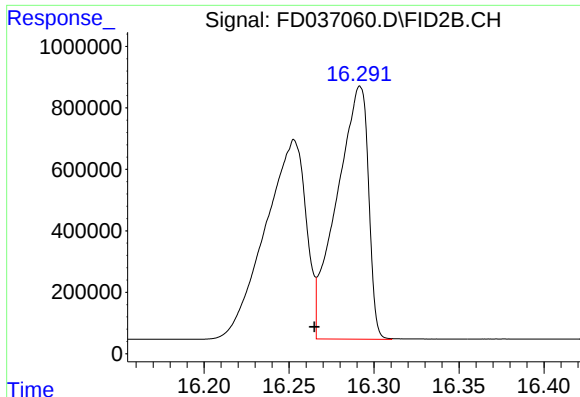
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: 0.023 min
Response: 11000369
Conc: 99.77 ug/ml



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

R.T.: 16.253 min
Delta R.T.: 0.021 min
Response: 10988561
Conc: 101.08 ug/ml



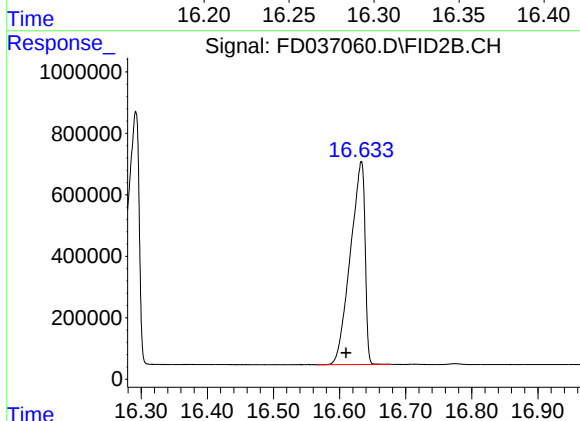
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.291 min
Delta R.T.: 0.026 min
Response: 10606870
Conc: 100.02 ug/ml m

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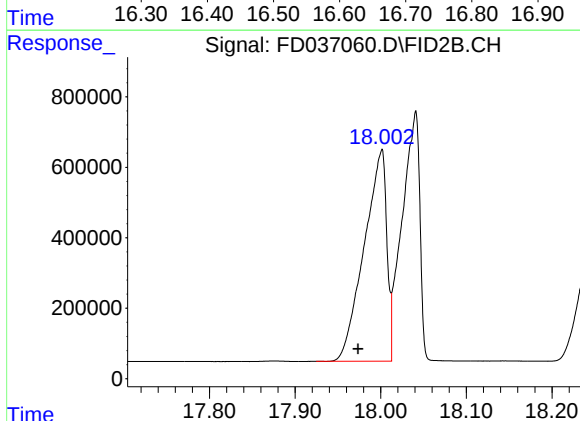
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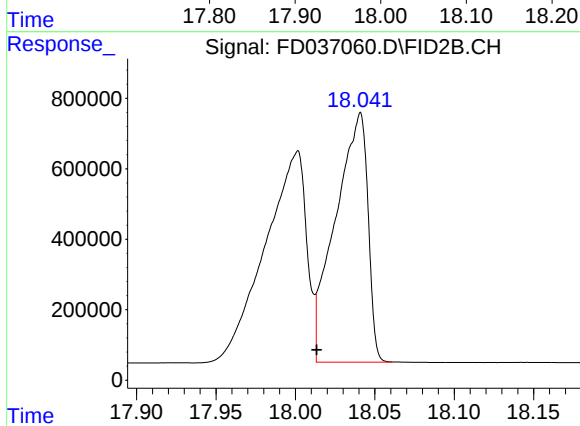
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.633 min
Delta R.T.: 0.023 min
Response: 10161324
Conc: 100.83 ug/ml



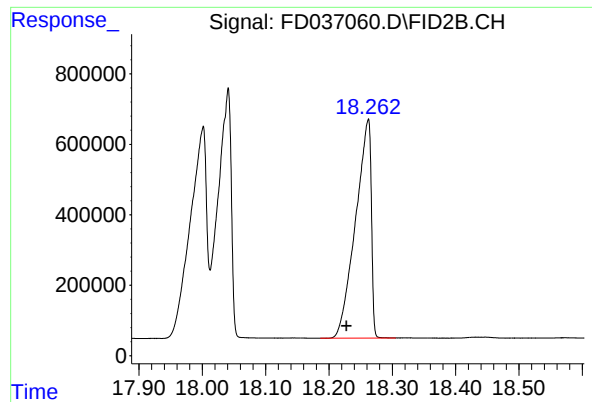
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: 0.028 min
Response: 10951679
Conc: 105.95 ug/ml



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

R.T.: 18.041 min
Delta R.T.: 0.027 min
Response: 10009831
Conc: 96.09 ug/ml m



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

R.T.: 18.262 min
Delta R.T.: 0.034 min
Response: 10697376
Conc: 102.02 ug/ml

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