

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102220AR\
 Data File : FD035127.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 2:11
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Ankita
 10/23/2020 4:48:14 PM

Integration File: autoint1.e
 Quant Time: Oct 23 05:02:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 05:01:54 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...	7.654	12197203	101.885 ug/ml
Spiked Amount 50.000		Recovery =	203.77%
6) S 2-Fluorobiphenyl (SURR)	8.521	8510671	102.397 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	204.79%#
11) S ortho-Terphenyl (SURR)	11.561	13429680	99.037 ug/ml
Spiked Amount 50.000		Recovery =	198.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	13504624	100.320 ug/ml
2) T Naphthalene (C11.7)	5.992	14357474	101.875 ug/ml
3) T 2-Methylnaphthalene (...)	7.046	14358218	101.600 ug/ml
5) T Acenaphthylene (C15.06)	8.324	13653457	99.274 ug/ml
7) T Acenaphthene (C15.5)	8.621	14037281	99.867 ug/ml
8) T Fluorene (C16.55)	9.402	13602356	101.034 ug/ml
9) T Phenanthrene (C19.36)	10.800	13340689	101.284 ug/ml
10) T Anthracene (C19.43)	10.877	13127708	98.789 ug/ml
12) T Fluoranthene (C21.85)	12.614	12861833	99.303 ug/ml
13) T Pyrene (C20.8)	12.913	12610215	101.643 ug/ml
14) T Benzo[a]anthracene (C...	14.782	11392509	103.109 ug/ml
15) T Chrysene (C27.41)	14.830	11659321	97.369 ug/ml
16) T benzo[b]fluoranthene ...	16.336	10899851	103.100 ug/ml
17) T Bnezo[k]fluoranthene ...	16.374	10304559	95.839 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.716	9780576	99.877 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.085	10382907	114.216 ug/ml
20) T Dibenz[a,h]anthracene...	18.123	9339167	88.944 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.343	9950568	101.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 69 Sample Multiplier: 1

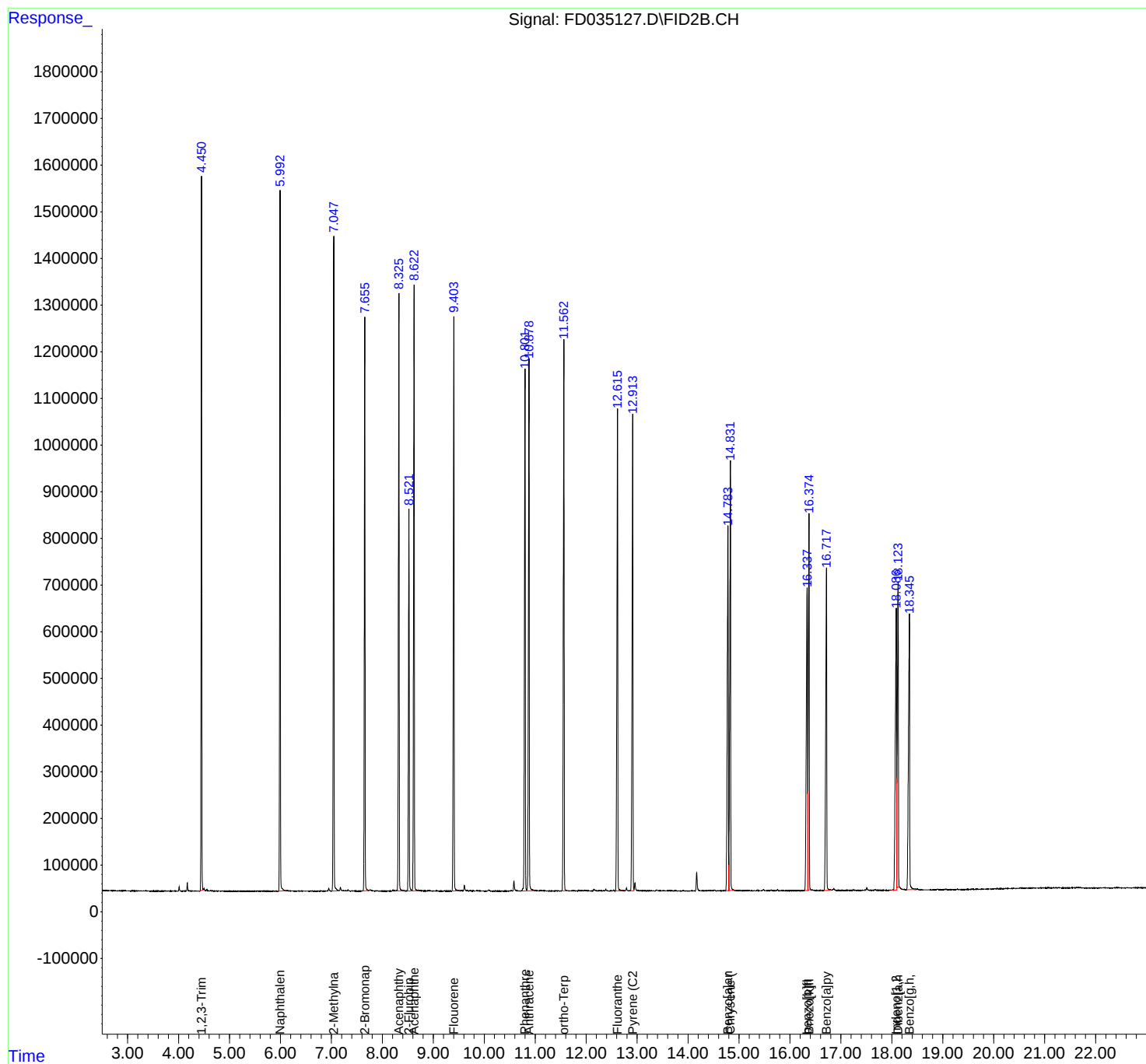
Instrument :
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100 PPM AROMATIC HC STD1

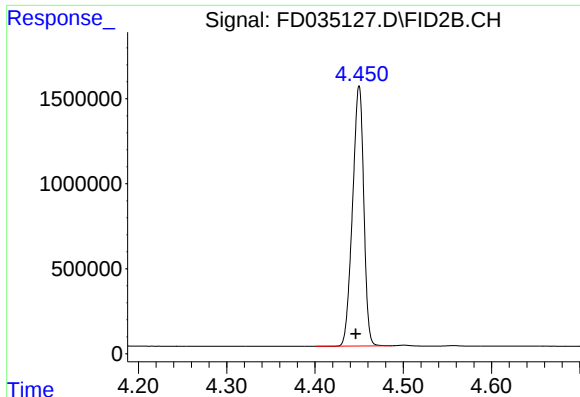
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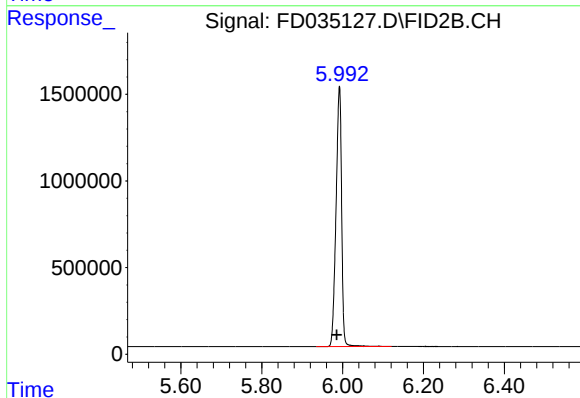
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.450 min
Delta R.T.: 0.004 min
Response: 13504624
Conc: 100.32 ug/ml

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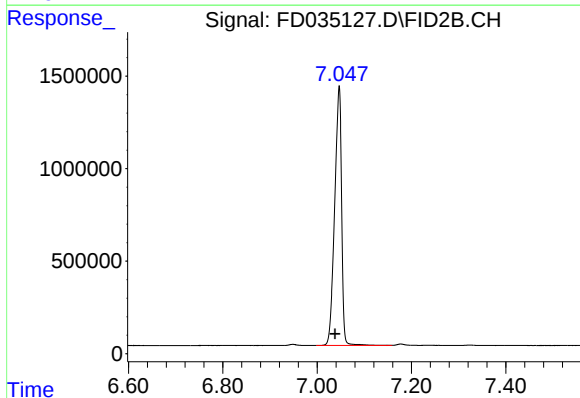
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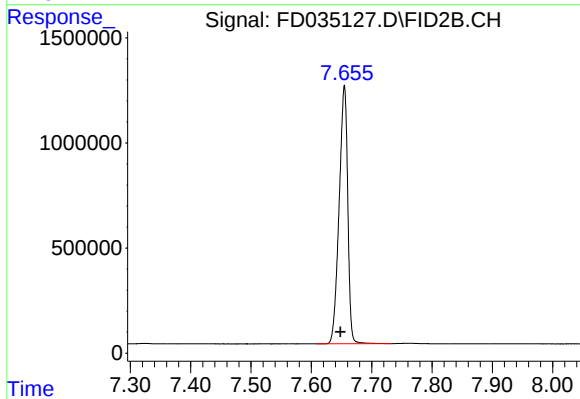
#2 Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: 0.006 min
Response: 14357474
Conc: 101.87 ug/ml



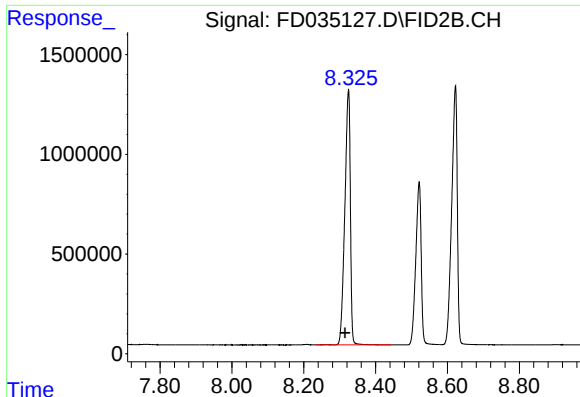
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.046 min
Delta R.T.: 0.008 min
Response: 14358218
Conc: 101.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.654 min
Delta R.T.: 0.006 min
Response: 12197203
Conc: 101.88 ug/ml



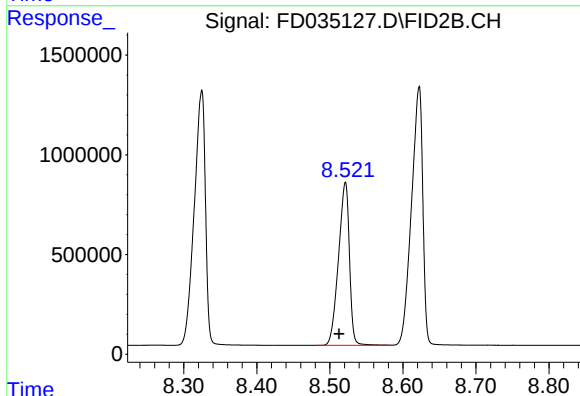
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: 0.009 min
Response: 13653457
Conc: 99.27 ug/ml

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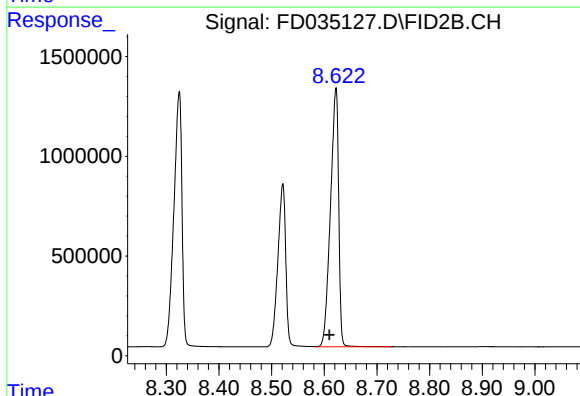
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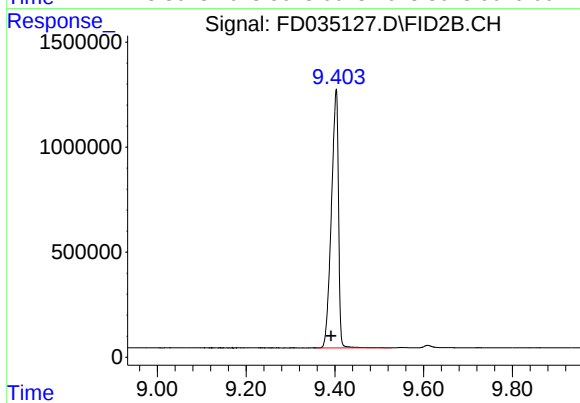
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.008 min
Response: 8510671
Conc: 102.40 ug/ml



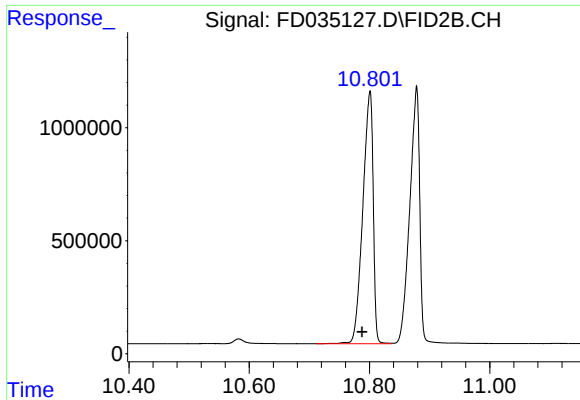
#7 Acenaphthene (C15.5)

R.T.: 8.621 min
Delta R.T.: 0.011 min
Response: 14037281
Conc: 99.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.402 min
Delta R.T.: 0.011 min
Response: 13602356
Conc: 101.03 ug/ml



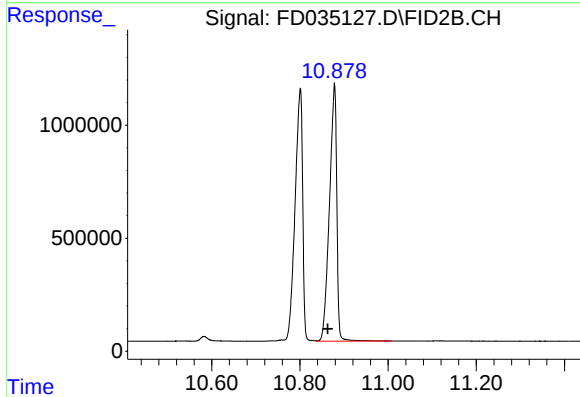
#9 Phenanthrene (C19.36)

R.T.: 10.800 min
Delta R.T.: 0.012 min
Response: 13340689
Conc: 101.28 ug/ml

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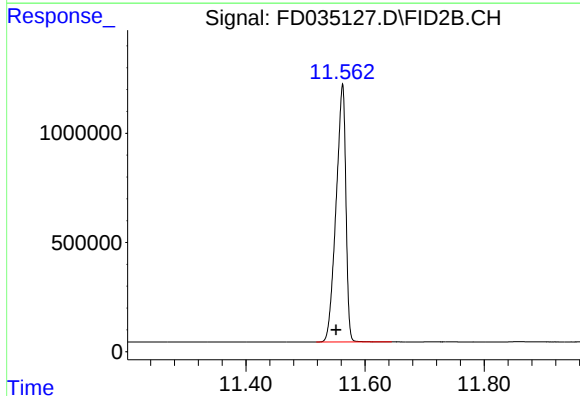
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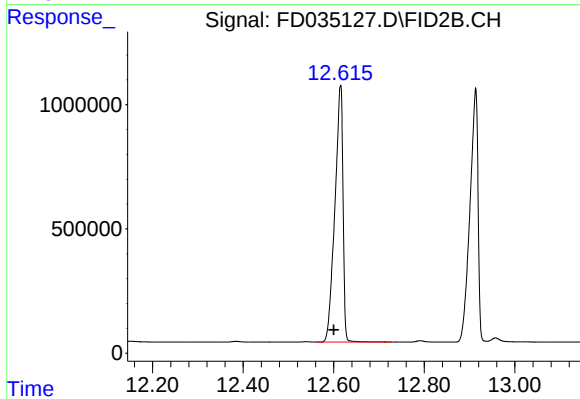
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: 0.014 min
Response: 13127708
Conc: 98.79 ug/ml



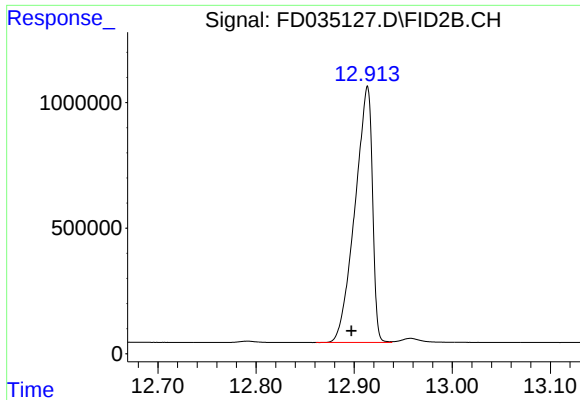
#11 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: 0.010 min
Response: 13429680
Conc: 99.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.614 min
Delta R.T.: 0.014 min
Response: 12861833
Conc: 99.30 ug/ml



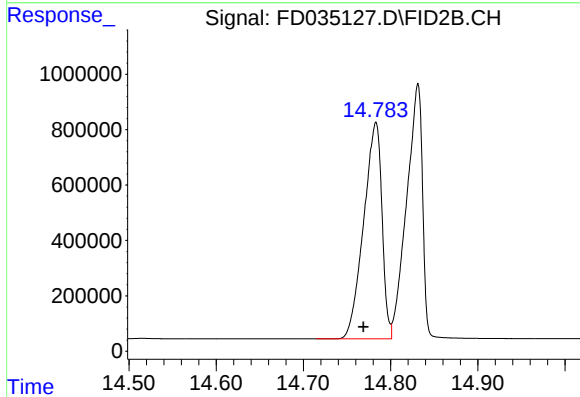
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: 0.015 min
Response: 12610215
Conc: 101.64 ug/ml

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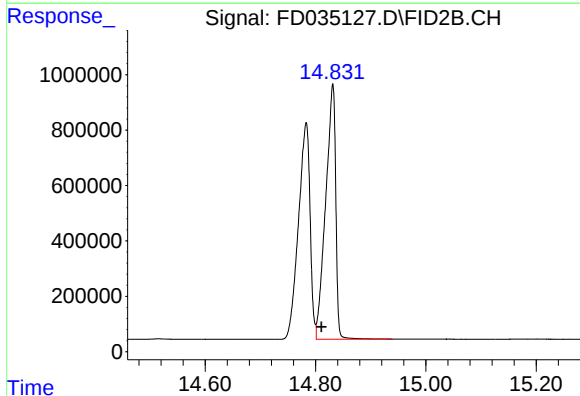
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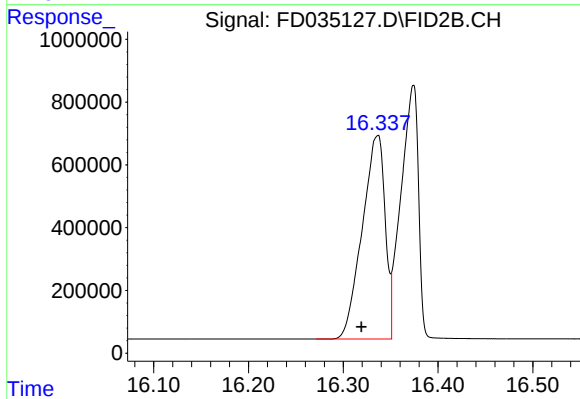
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.782 min
Delta R.T.: 0.014 min
Response: 11392509
Conc: 103.11 ug/ml



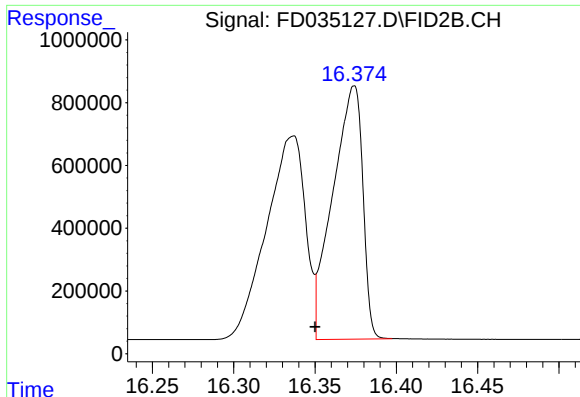
#15 Chrysene (C27.41)

R.T.: 14.830 min
Delta R.T.: 0.020 min
Response: 11659321
Conc: 97.37 ug/ml



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

R.T.: 16.336 min
Delta R.T.: 0.017 min
Response: 10899851
Conc: 103.10 ug/ml



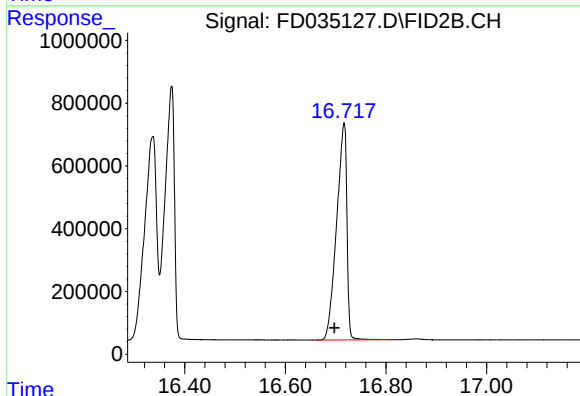
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.374 min
Delta R.T.: 0.024 min
Response: 10304559
Conc: 95.84 ug/ml m

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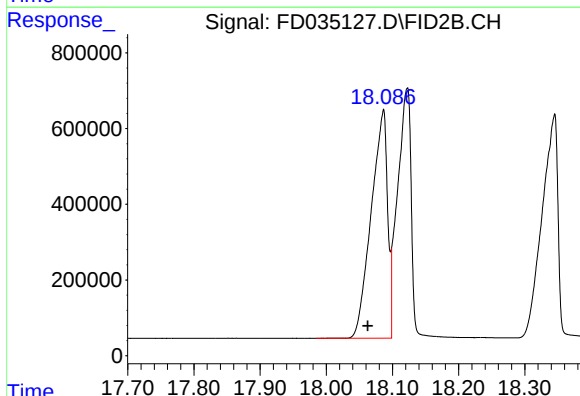
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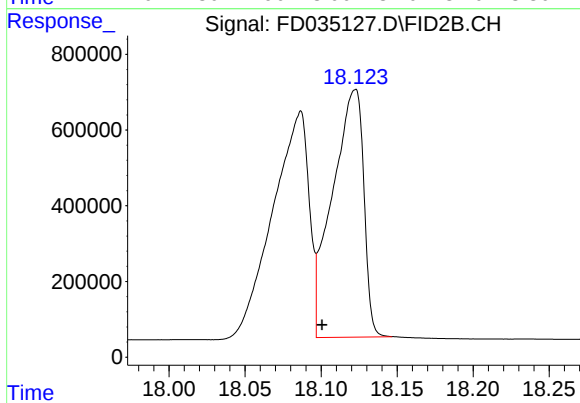
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: 0.018 min
Response: 9780576
Conc: 99.88 ug/ml



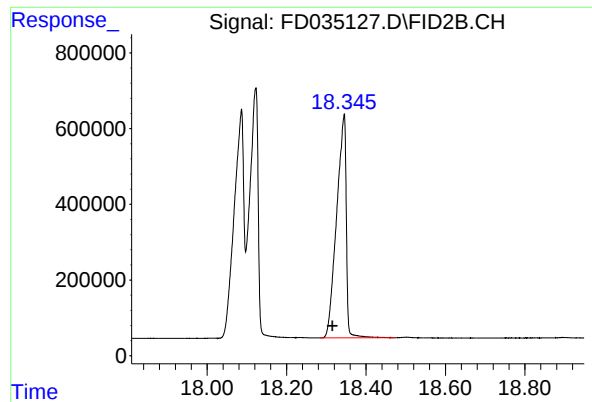
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.085 min
Delta R.T.: 0.022 min
Response: 10382907
Conc: 114.22 ug/ml



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

R.T.: 18.123 min
Delta R.T.: 0.022 min
Response: 9339167
Conc: 88.94 ug/ml m



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

R.T.: 18.343 min
Delta R.T.: 0.028 min
Response: 9950568
Conc: 101.31 ug/ml

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