

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091620AR\
 Data File : FD034750.D
 Signal(s) : FID2B.CH
 Acq On : 17 Sep 2020 10:35
 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

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 9/17/2020 12:21:11 PM

Integration File: autoint1.e
 Quant Time: Sep 17 11:01:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.684	2045029	19.938 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
6) S 2-Fluorobiphenyl (SURR)	8.551	1406503	19.548 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.10%
11) S ortho-Terphenyl (SURR)	11.591	2327058	19.425 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	2327589	20.559 ug/ml
2) T Naphthalene (C11.7)	6.022	2350141	20.135 ug/ml
3) T 2-Methylnaphthalene (...)	7.075	2351699	19.912 ug/ml
5) T Acenaphthylene (C15.06)	8.353	2279820	19.507 ug/ml
7) T Acenaphthene (C15.5)	8.648	2334715	19.623 ug/ml
8) T Flouorene (C16.55)	9.431	2248362	19.500 ug/ml
9) T Phenanthrene (C19.36)	10.829	2242158	19.230 ug/ml
10) T Anthracene (C19.43)	10.904	2029241	17.813 ug/ml
12) T Fluoranthene (C21.85)	12.643	2235261	19.168 ug/ml
13) T Pyrene (C20.8)	12.941	2171299	19.133 ug/ml
14) T Benzo[a]anthracene (C...	14.814	2119274	19.203 ug/ml
15) T Chrysene (C27.41)	14.856	2164827	19.381 ug/ml
16) T benzo[b]fluoranthene ...	16.365	2138484	19.965 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	2111840	19.917 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.745	2115485	20.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	2083921	20.571 ug/mlm
20) T Dibenz[a,h]anthracene...	18.148	2151380	21.175 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	2139625	21.190 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

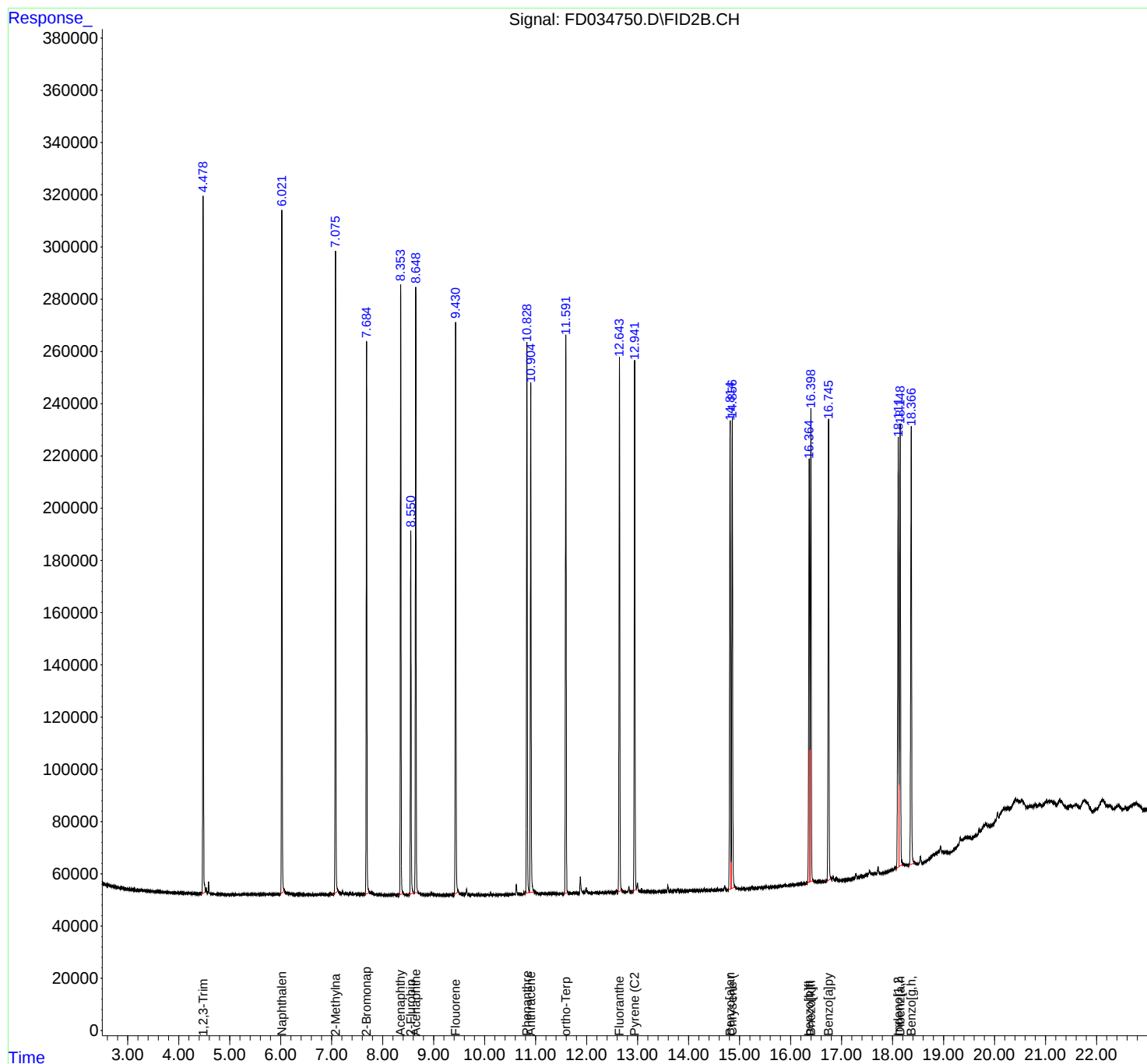
Instrument :
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20 PPM AROMATIC HC STD

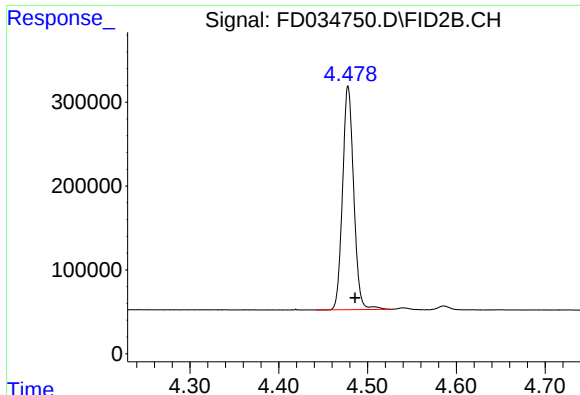
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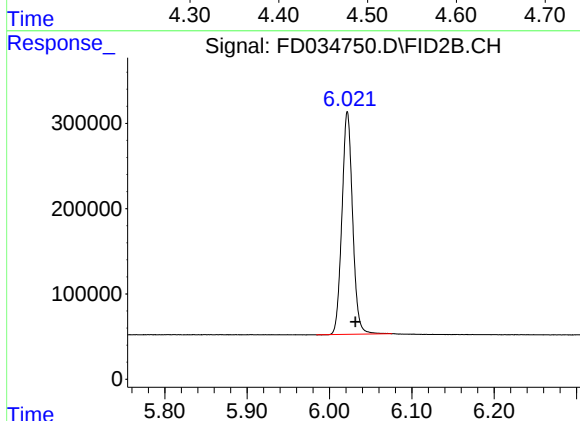
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.478 min
Delta R.T.: -0.008 min
Response: 2327589
Conc: 20.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

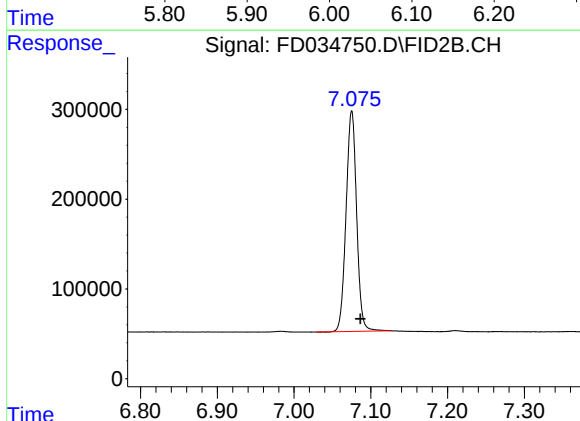
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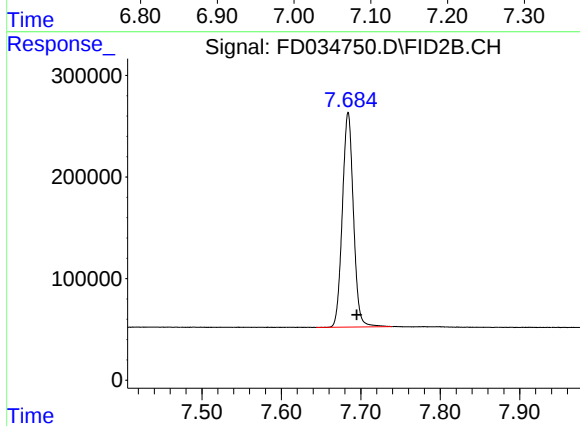
#2 Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: -0.009 min
Response: 2350141
Conc: 20.13 ug/ml



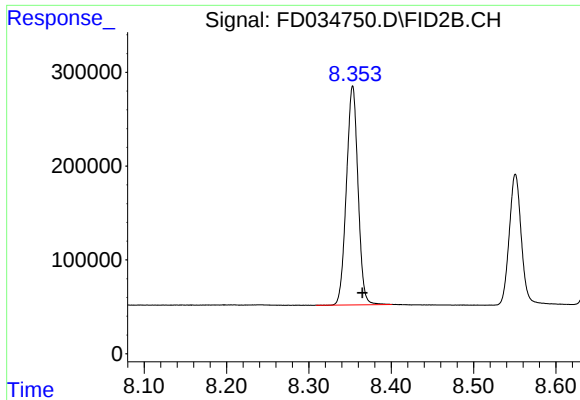
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: -0.011 min
Response: 2351699
Conc: 19.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.684 min
Delta R.T.: -0.011 min
Response: 2045029
Conc: 19.94 ug/ml



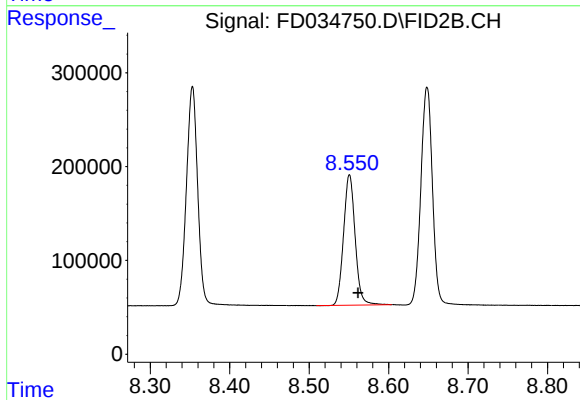
#5 Acenaphthylene (C15.06)

R.T.: 8.353 min
Delta R.T.: -0.012 min
Response: 2279820
Conc: 19.51 ug/ml

Instrument :
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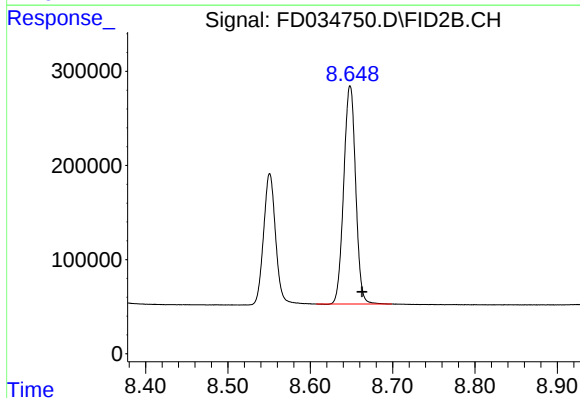
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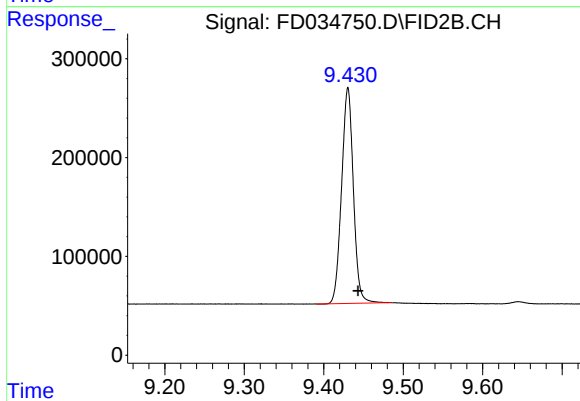
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 1406503
Conc: 19.55 ug/ml



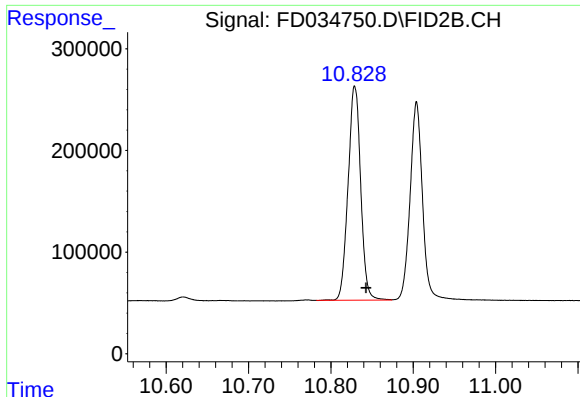
#7 Acenaphthene (C15.5)

R.T.: 8.648 min
Delta R.T.: -0.015 min
Response: 2334715
Conc: 19.62 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.431 min
Delta R.T.: -0.013 min
Response: 2248362
Conc: 19.50 ug/ml



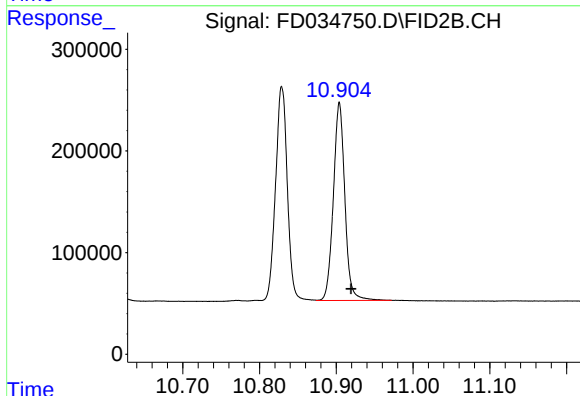
#9 Phenanthrene (C19.36)

R.T.: 10.829 min
Delta R.T.: -0.014 min
Response: 2242158
Conc: 19.23 ug/ml

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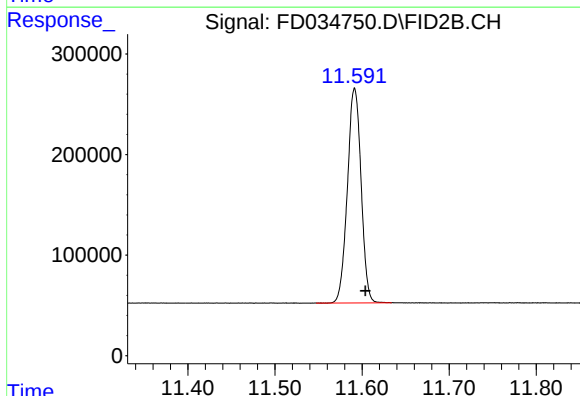
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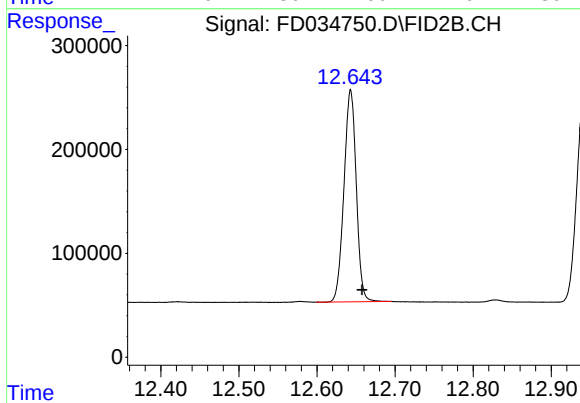
#10 Anthracene (C19.43)

R.T.: 10.904 min
Delta R.T.: -0.015 min
Response: 2029241
Conc: 17.81 ug/ml



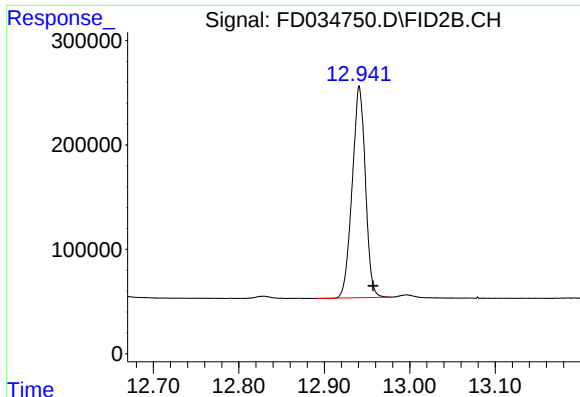
#11 ortho-Terphenyl (SURR)

R.T.: 11.591 min
Delta R.T.: -0.012 min
Response: 2327058
Conc: 19.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.643 min
Delta R.T.: -0.015 min
Response: 2235261
Conc: 19.17 ug/ml



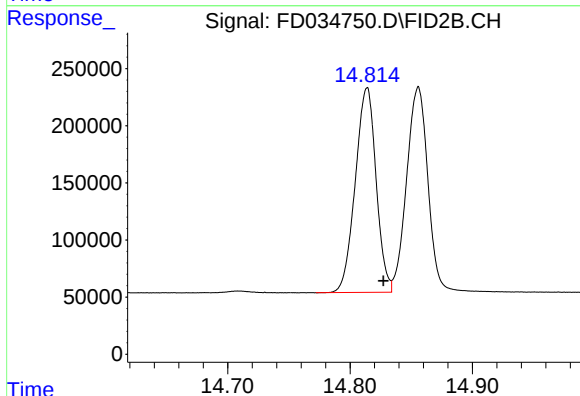
#13 Pyrene (C20.8)

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 2171299
Conc: 19.13 ug/ml

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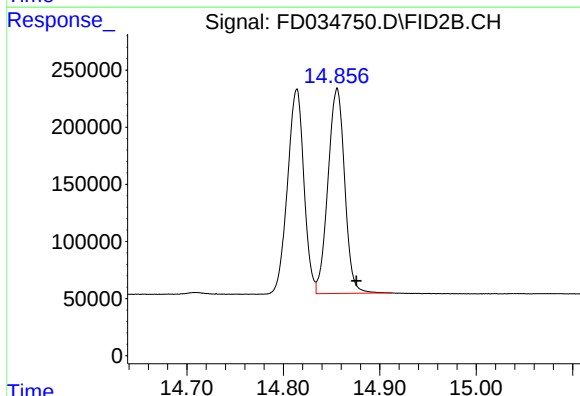
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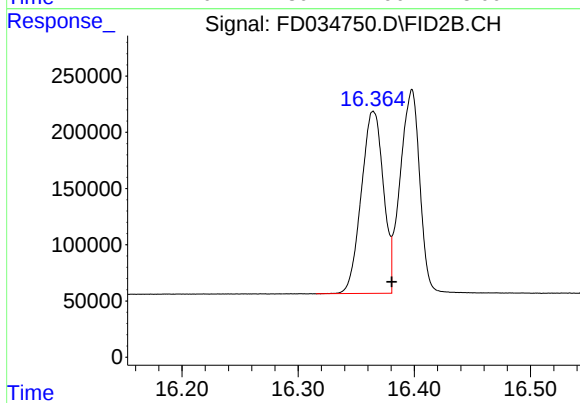
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.814 min
Delta R.T.: -0.013 min
Response: 2119274
Conc: 19.20 ug/ml



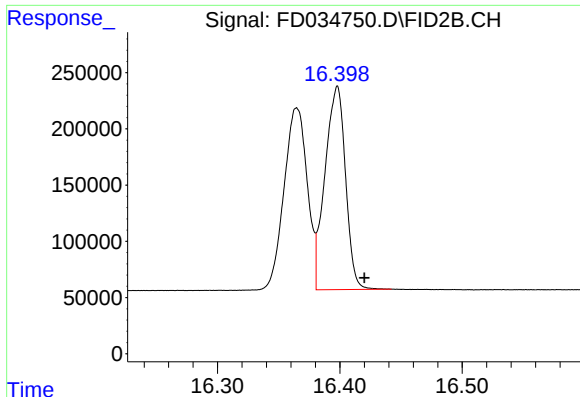
#15 Chrysene (C27.41)

R.T.: 14.856 min
Delta R.T.: -0.020 min
Response: 2164827
Conc: 19.38 ug/ml



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

R.T.: 16.365 min
Delta R.T.: -0.016 min
Response: 2138484
Conc: 19.97 ug/ml



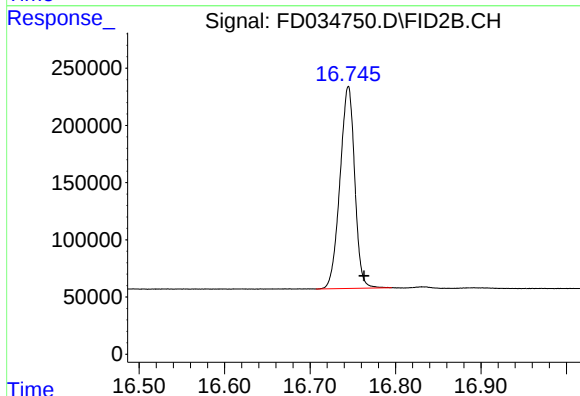
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.398 min
Delta R.T.: -0.022 min
Response: 2111840
Conc: 19.92 ug/ml

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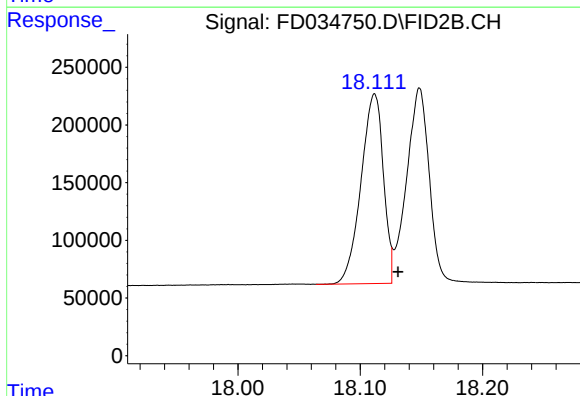
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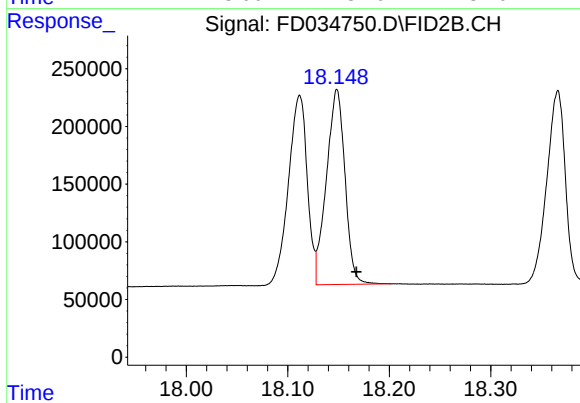
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.745 min
Delta R.T.: -0.018 min
Response: 2115485
Conc: 20.09 ug/ml



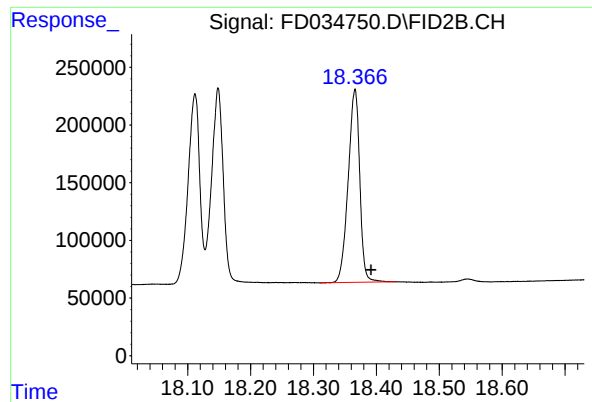
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.019 min
Response: 2083921
Conc: 20.57 ug/ml m



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

R.T.: 18.148 min
Delta R.T.: -0.019 min
Response: 2151380
Conc: 21.17 ug/ml



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

R.T.: 18.366 min
Delta R.T.: -0.026 min
Response: 2139625
Conc: 21.19 ug/ml

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