

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034617.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 12:10
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

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 9/1/2020 1:28:02 PM

Integration File: autoint1.e
 Quant Time: Sep 01 12:37:39 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...	7.686	2113932	20.610 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
6) S 2-Fluorobiphenyl (SURR)	8.552	1502498	20.882 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.76%
11) S ortho-Terphenyl (SURR)	11.594	2449623	20.448 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	2347077	20.731 ug/ml
2) T Naphthalene (C11.7)	6.023	2405582	20.609 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	2431196	20.585 ug/ml
5) T Acenaphthylene (C15.06)	8.354	2396426	20.505 ug/ml
7) T Acenaphthene (C15.5)	8.650	2445287	20.552 ug/ml
8) T Flouorene (C16.55)	9.431	2377167	20.617 ug/ml
9) T Phenanthrene (C19.36)	10.830	2401783	20.599 ug/ml
10) T Anthracene (C19.43)	10.903	2333704	20.486 ug/ml
12) T Fluoranthene (C21.85)	12.642	2388976	20.487 ug/ml
13) T Pyrene (C20.8)	12.941	2311031	20.364 ug/ml
14) T Benzo[a]anthracene (C...	14.811	2250739	20.394 ug/ml
15) T Chrysene (C27.41)	14.854	2257155	20.208 ug/ml
16) T benzo[b]fluoranthene ...	16.361	2154009	20.110 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.393	2136455	20.149 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.741	2131783	20.243 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.103	2041448	20.152 ug/mlm
20) T Dibenz[a,h]anthracene...	18.143	2080924	20.481 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2052241	20.325 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 70 Sample Multiplier: 1

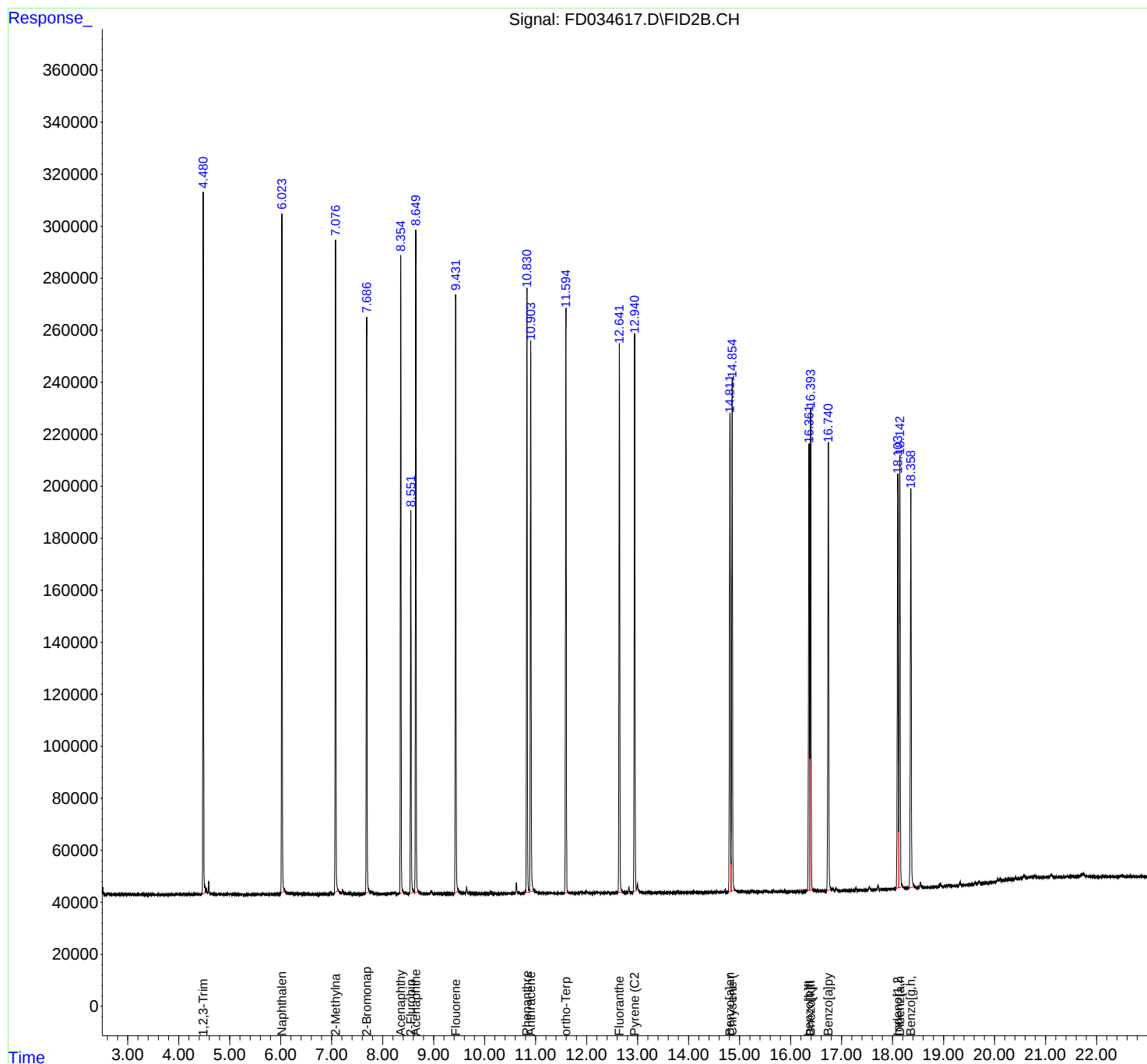
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20 PPM AROMATIC HC STD

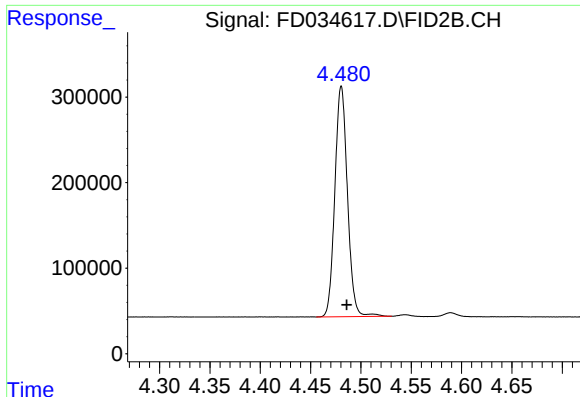
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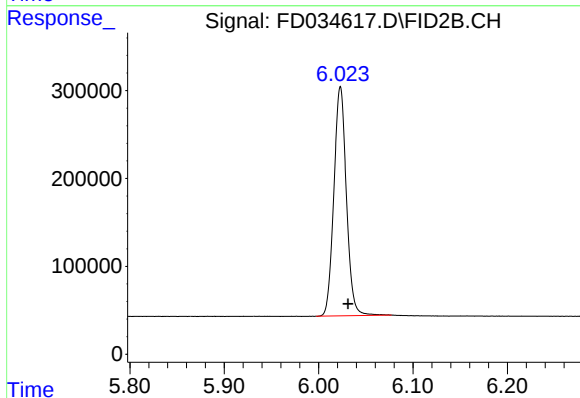
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 2347077
Conc: 20.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

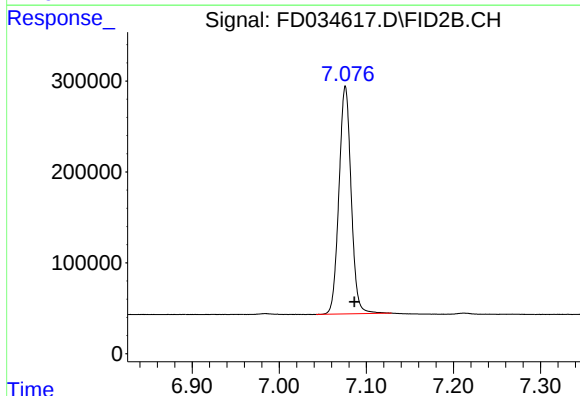
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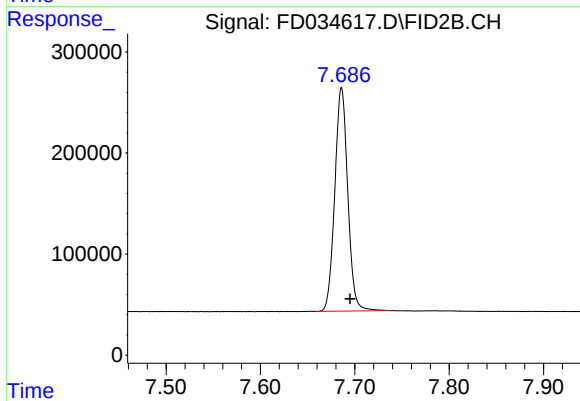
#2 Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 2405582
Conc: 20.61 ug/ml



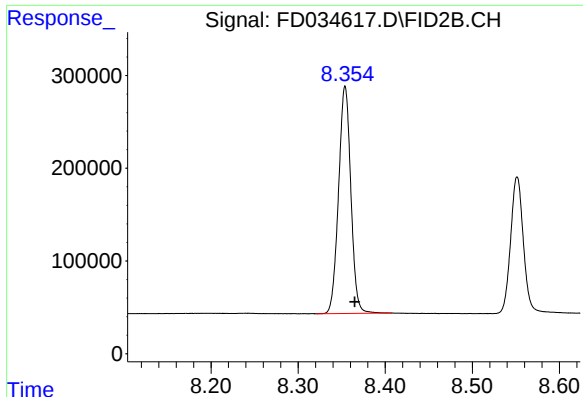
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: -0.010 min
Response: 2431196
Conc: 20.58 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.009 min
Response: 2113932
Conc: 20.61 ug/ml



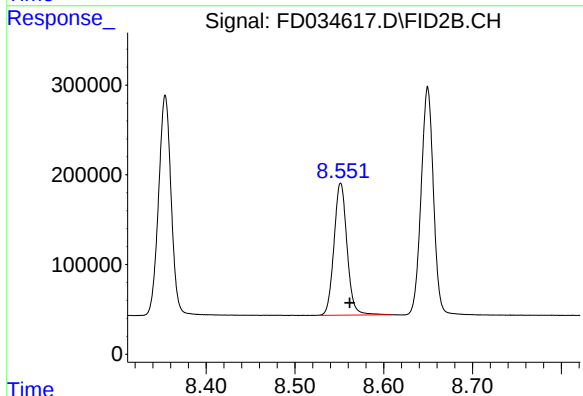
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 2396426
Conc: 20.50 ug/ml

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20 PPM AROMATIC HC STD

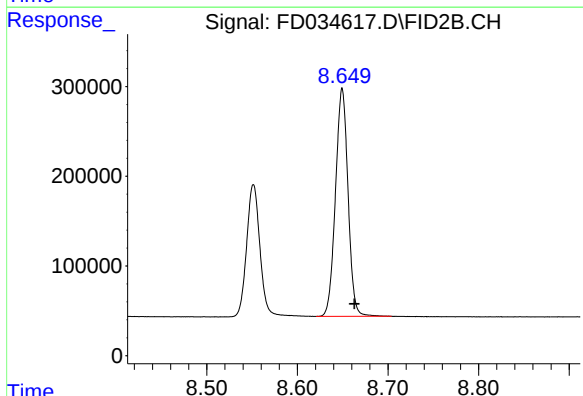
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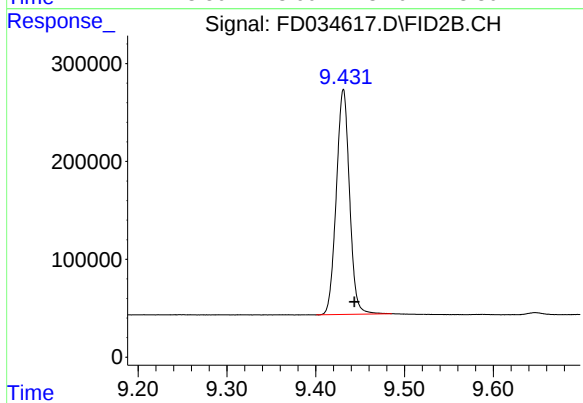
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 1502498
Conc: 20.88 ug/ml



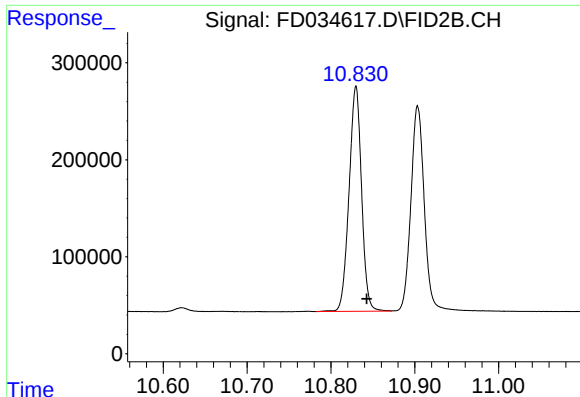
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.014 min
Response: 2445287
Conc: 20.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.431 min
Delta R.T.: -0.012 min
Response: 2377167
Conc: 20.62 ug/ml



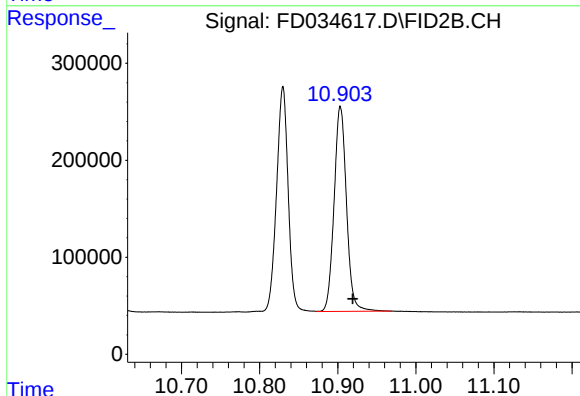
#9 Phenanthrene (C19.36)

R.T.: 10.830 min
Delta R.T.: -0.013 min
Response: 2401783
Conc: 20.60 ug/ml

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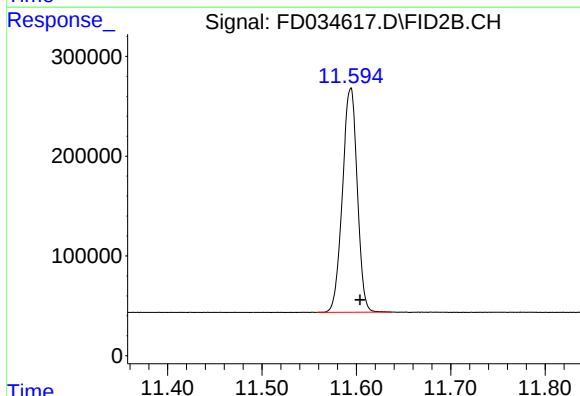
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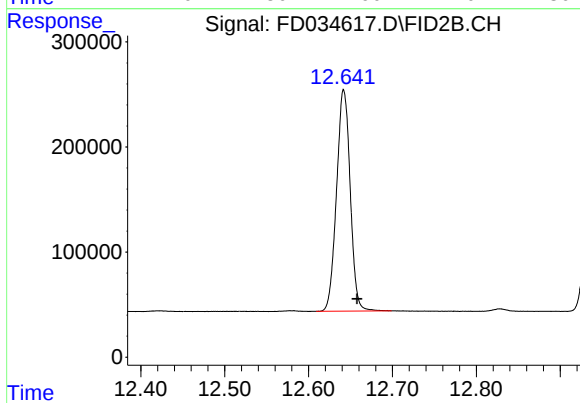
#10 Anthracene (C19.43)

R.T.: 10.903 min
Delta R.T.: -0.016 min
Response: 2333704
Conc: 20.49 ug/ml



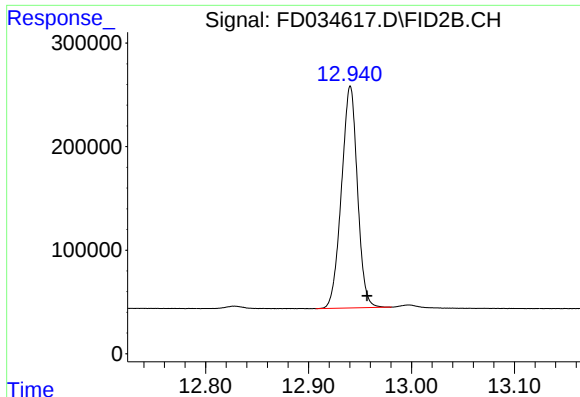
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.010 min
Response: 2449623
Conc: 20.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.642 min
Delta R.T.: -0.016 min
Response: 2388976
Conc: 20.49 ug/ml



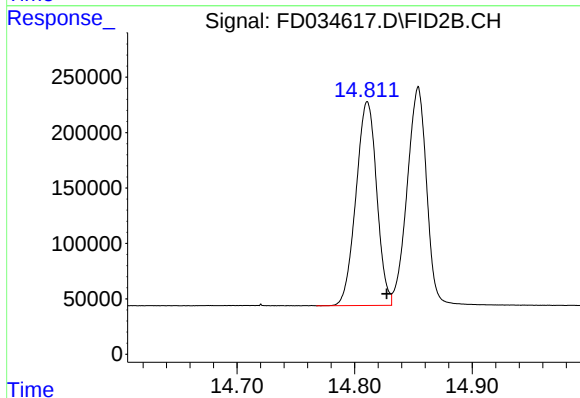
#13 Pyrene (C20.8)

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 2311031
Conc: 20.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

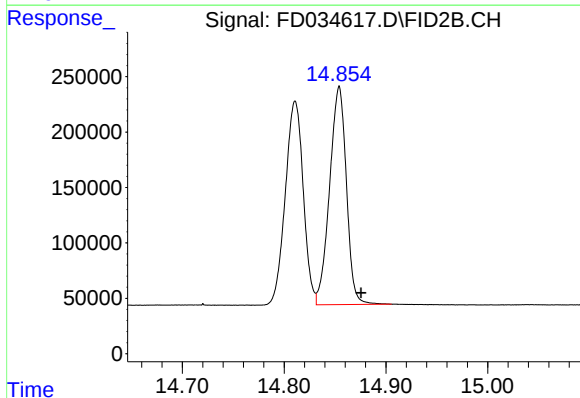
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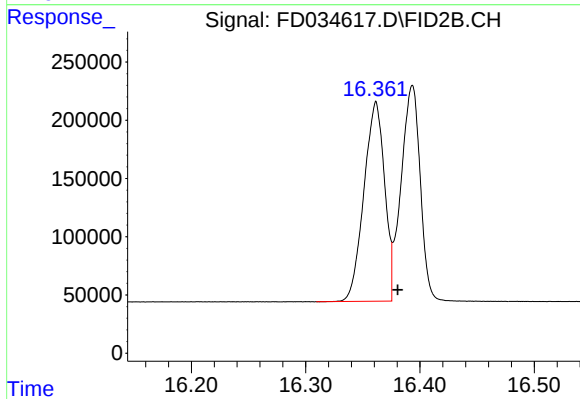
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.811 min
Delta R.T.: -0.017 min
Response: 2250739
Conc: 20.39 ug/ml



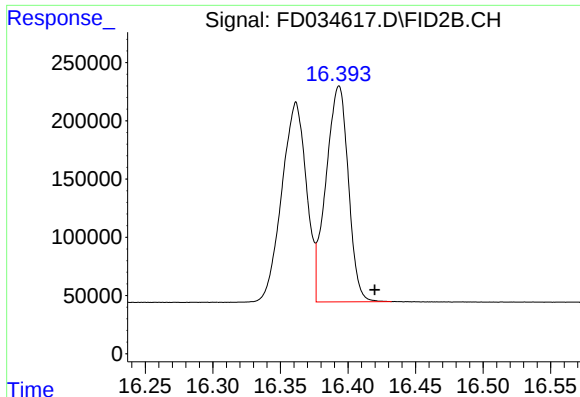
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: -0.022 min
Response: 2257155
Conc: 20.21 ug/ml



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

R.T.: 16.361 min
Delta R.T.: -0.019 min
Response: 2154009
Conc: 20.11 ug/ml m



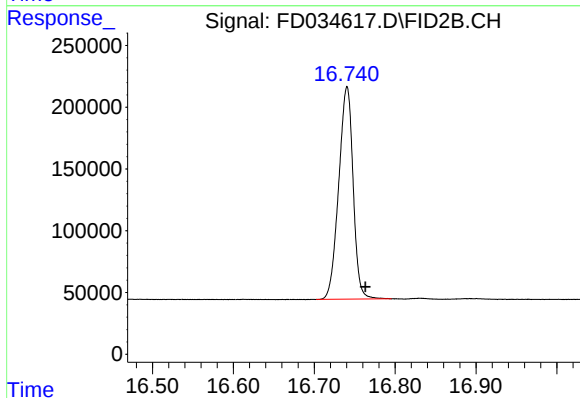
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.393 min
Delta R.T.: -0.027 min
Response: 2136455
Conc: 20.15 ug/ml

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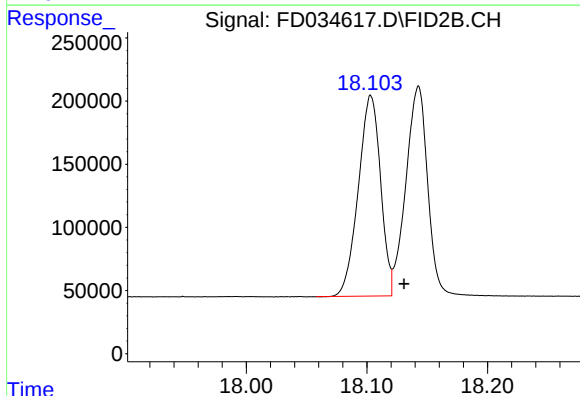
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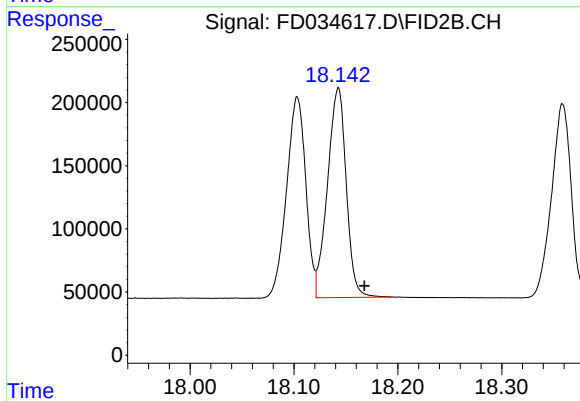
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.741 min
Delta R.T.: -0.023 min
Response: 2131783
Conc: 20.24 ug/ml



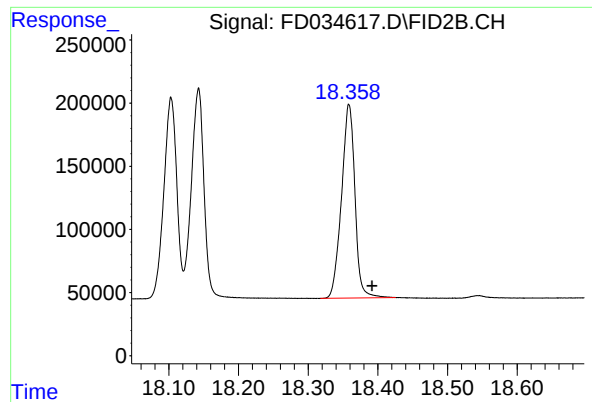
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.103 min
Delta R.T.: -0.028 min
Response: 2041448
Conc: 20.15 ug/ml m



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 2080924
Conc: 20.48 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2052241
Conc: 20.32 ug/ml

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