

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090420AR\
 Data File : FD034648.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2020 13:26
 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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 9/8/2020 2:38:26 PM

Integration File: autoint1.e
 Quant Time: Sep 05 04:38:39 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	2210299	21.550 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
6) S 2-Fluorobiphenyl (SURR)	8.551	1562453	21.716 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.43%
11) S ortho-Terphenyl (SURR)	11.593	2565201	21.412 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.479	2434234	21.501 ug/ml
2) T Naphthalene (C11.7)	6.023	2489234	21.326 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	2543697	21.537 ug/ml
5) T Acenaphthylene (C15.06)	8.354	2496221	21.359 ug/ml
7) T Acenaphthene (C15.5)	8.650	2554829	21.473 ug/ml
8) T Flouorene (C16.55)	9.432	2479443	21.504 ug/ml
9) T Phenanthrene (C19.36)	10.830	2497525	21.420 ug/ml
10) T Anthracene (C19.43)	10.904	2382755	20.916 ug/ml
12) T Fluoranthene (C21.85)	12.642	2498945	21.430 ug/ml
13) T Pyrene (C20.8)	12.939	2413325	21.265 ug/ml
14) T Benzo[a]anthracene (C...	14.810	2344258	21.241 ug/ml
15) T Chrysene (C27.41)	14.852	2365107	21.174 ug/ml
16) T benzo[b]fluoranthene ...	16.361	2303713	21.508 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.393	2261204	21.325 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	2245367	21.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.104	2203589	21.752 ug/mlm
20) T Dibenz[a,h]anthracene...	18.143	2250296	22.148 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2204356	21.831 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

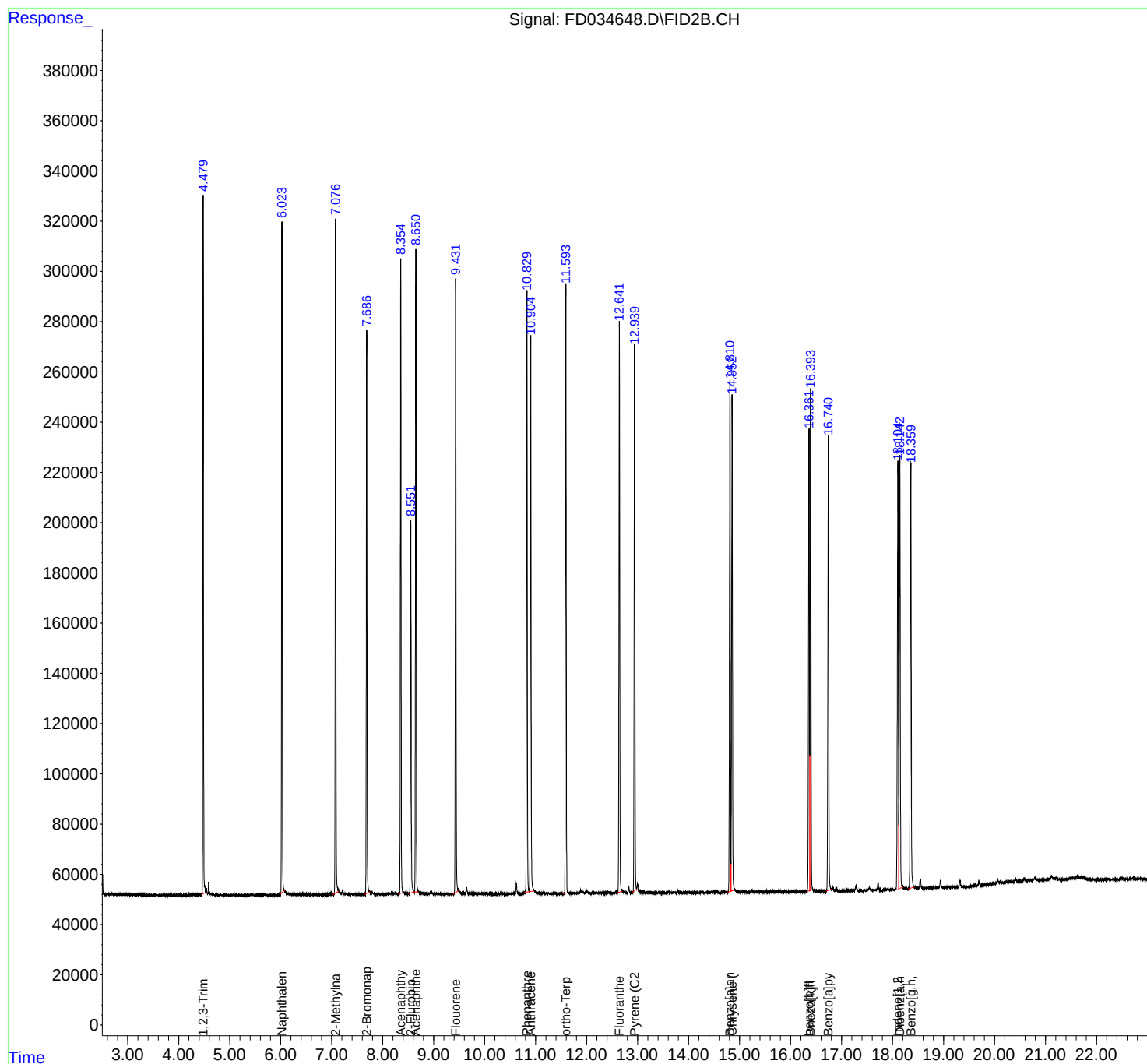
Instrument :
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20 PPM AROMATIC HC STD

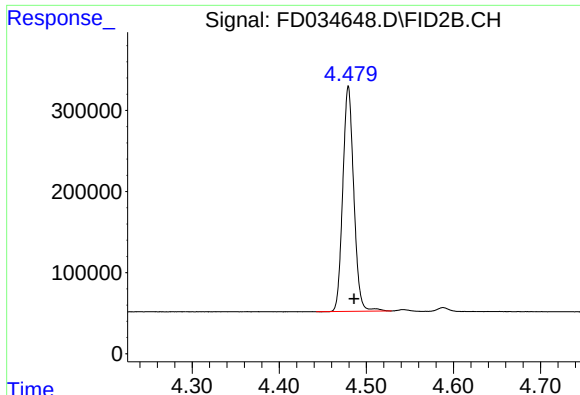
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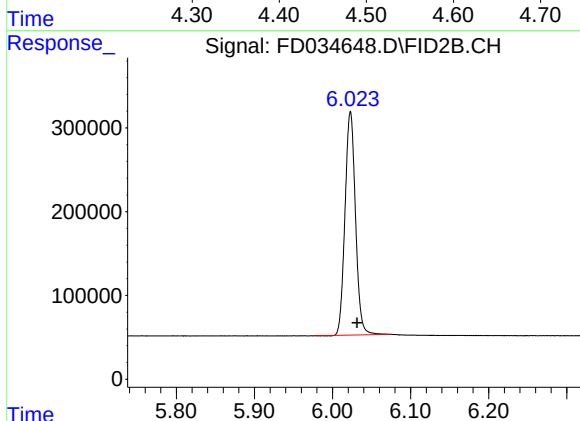
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.479 min
Delta R.T.: -0.007 min
Response: 2434234
Conc: 21.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

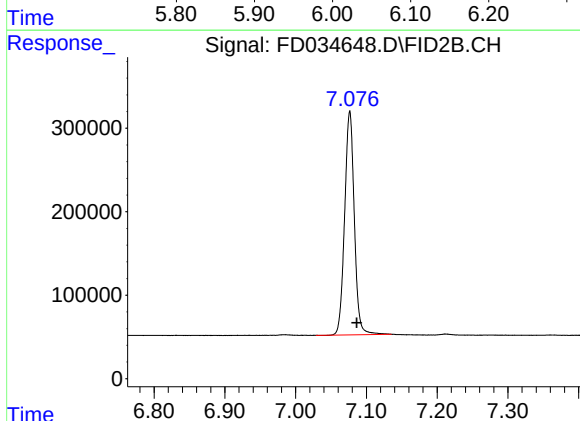
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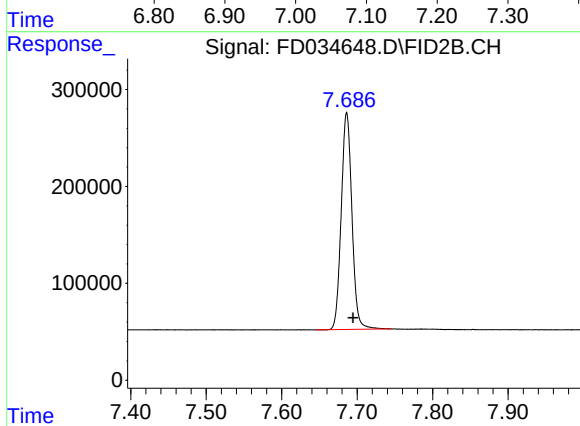
#2 Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 2489234
Conc: 21.33 ug/ml



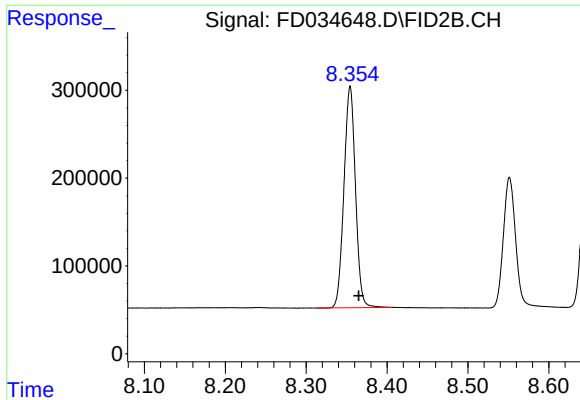
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.010 min
Response: 2543697
Conc: 21.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.009 min
Response: 2210299
Conc: 21.55 ug/ml



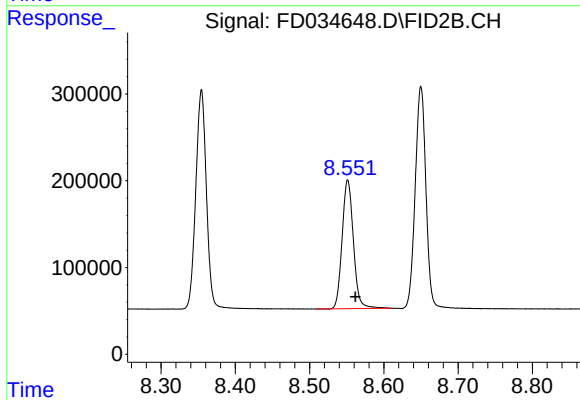
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 2496221
Conc: 21.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

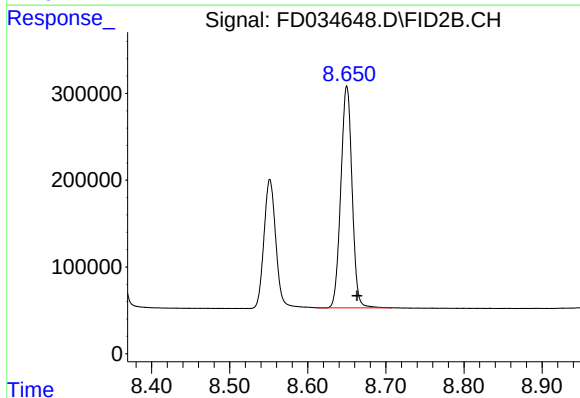
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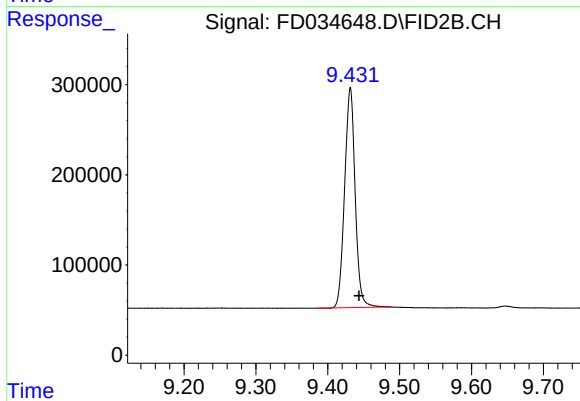
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.010 min
Response: 1562453
Conc: 21.72 ug/ml



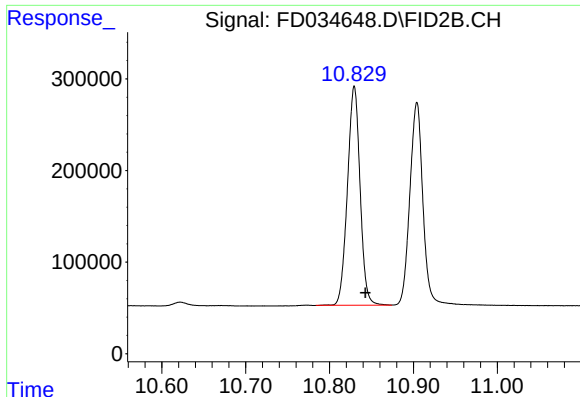
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.013 min
Response: 2554829
Conc: 21.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.432 min
Delta R.T.: -0.012 min
Response: 2479443
Conc: 21.50 ug/ml



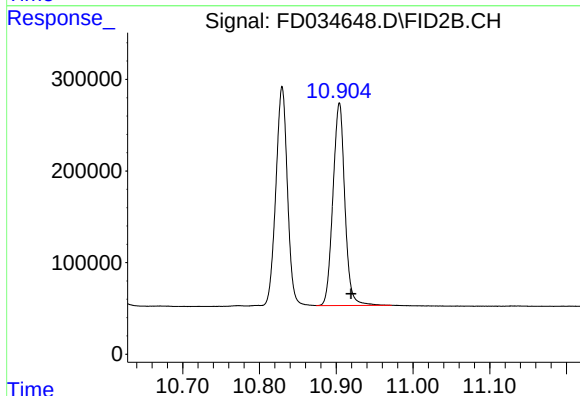
#9 Phenanthrene (C19.36)

R.T.: 10.830 min
Delta R.T.: -0.013 min
Response: 2497525
Conc: 21.42 ug/ml

Instrument :
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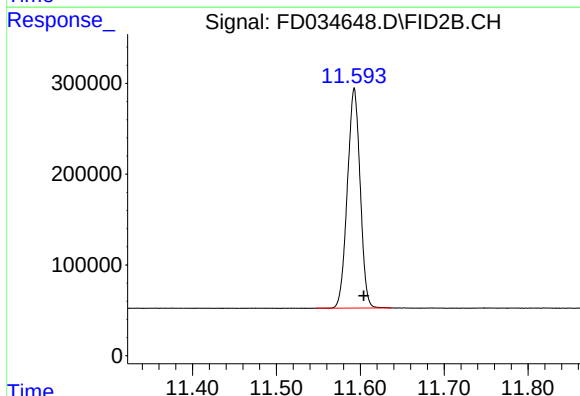
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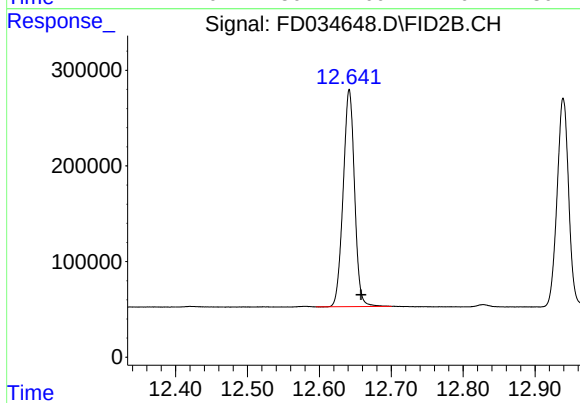
#10 Anthracene (C19.43)

R.T.: 10.904 min
Delta R.T.: -0.015 min
Response: 2382755
Conc: 20.92 ug/ml



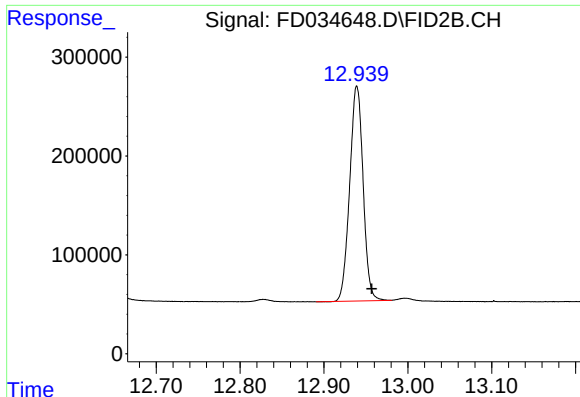
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.011 min
Response: 2565201
Conc: 21.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.642 min
Delta R.T.: -0.016 min
Response: 2498945
Conc: 21.43 ug/ml



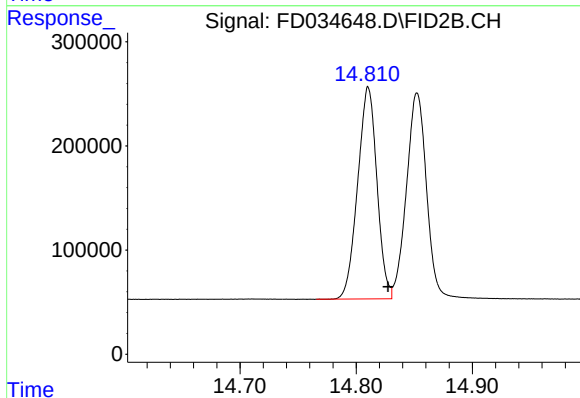
#13 Pyrene (C20.8)

R.T.: 12.939 min
Delta R.T.: -0.018 min
Response: 2413325
Conc: 21.27 ug/ml

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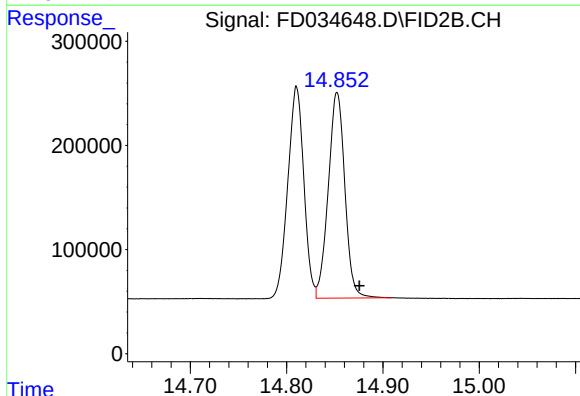
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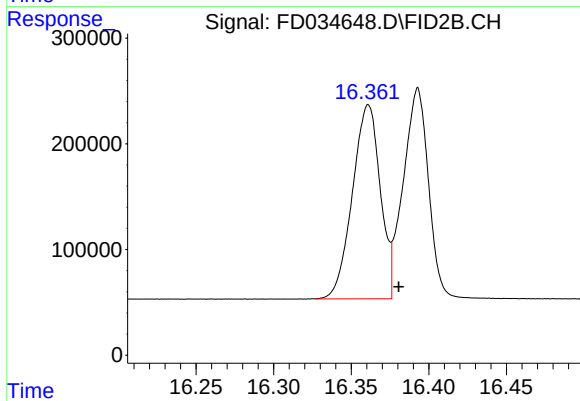
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.810 min
Delta R.T.: -0.017 min
Response: 2344258
Conc: 21.24 ug/ml



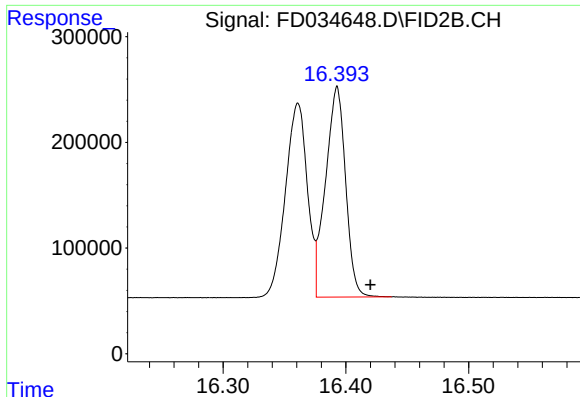
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: -0.023 min
Response: 2365107
Conc: 21.17 ug/ml



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

R.T.: 16.361 min
Delta R.T.: -0.020 min
Response: 2303713
Conc: 21.51 ug/ml m



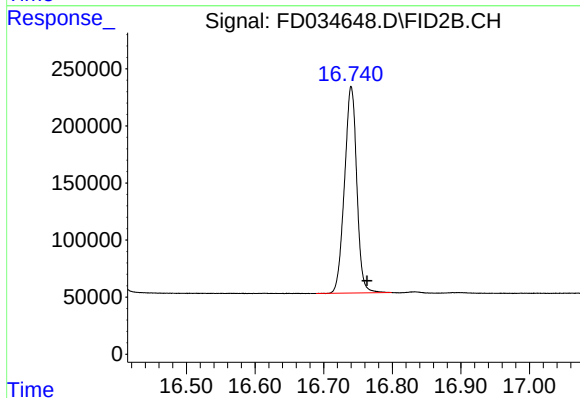
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.393 min
Delta R.T.: -0.027 min
Response: 2261204
Conc: 21.33 ug/ml

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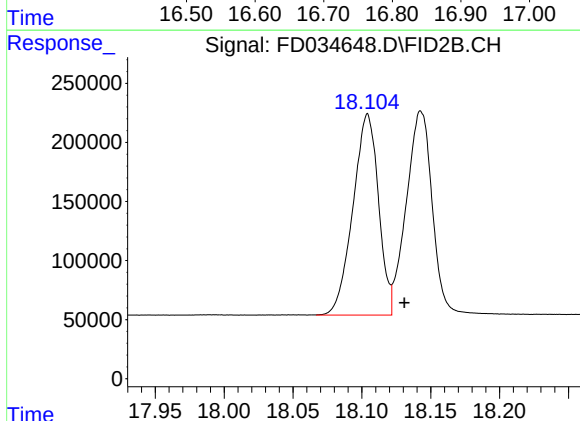
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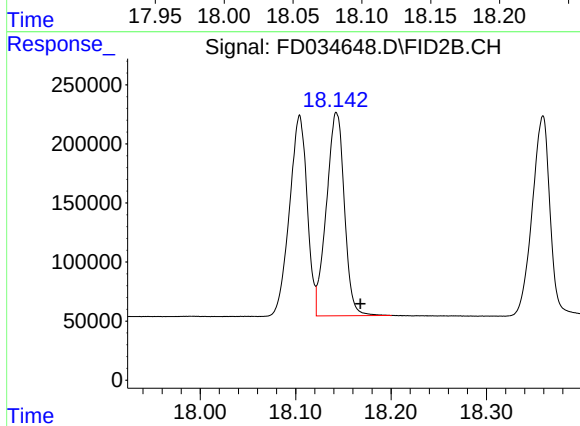
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.023 min
Response: 2245367
Conc: 21.32 ug/ml



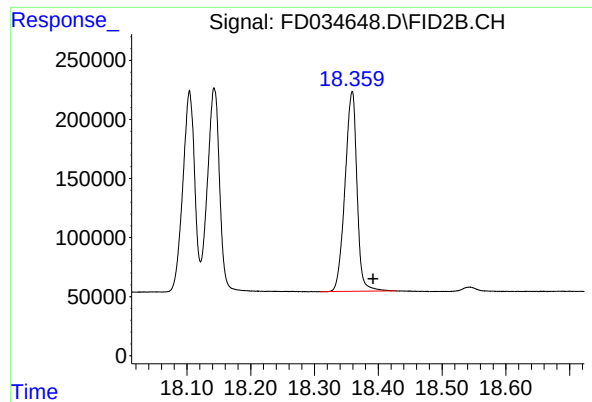
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: -0.027 min
Response: 2203589
Conc: 21.75 ug/ml m



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 2250296
Conc: 22.15 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2204356
Conc: 21.83 ug/ml

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