

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091620AR\
 Data File : FD034733.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2020 13:50
 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

Ankita
 9/17/2020 12:21:01 PM

Integration File: autoint1.e
 Quant Time: Sep 17 00:44:36 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...	7.680	1975777	19.263 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
6) S 2-Fluorobiphenyl (SURR)	8.545	1376617	19.133 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.27%
11) S ortho-Terphenyl (SURR)	11.586	2253367	18.809 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	2238842	19.775 ug/ml
2) T Naphthalene (C11.7)	6.016	2262897	19.387 ug/ml
3) T 2-Methylnaphthalene (...)	7.069	2288275	19.375 ug/ml
5) T Acenaphthylene (C15.06)	8.347	2205049	18.867 ug/ml
7) T Acenaphthene (C15.5)	8.643	2261639	19.009 ug/ml
8) T Fluorene (C16.55)	9.424	2180608	18.913 ug/ml
9) T Phenanthrene (C19.36)	10.822	2194067	18.817 ug/ml
10) T Anthracene (C19.43)	10.896	1960197	17.207 ug/ml
12) T Fluoranthene (C21.85)	12.635	2136885	18.325 ug/mlm
13) T Pyrene (C20.8)	12.933	2083338	18.358 ug/ml
14) T Benzo[a]anthracene (C...	14.804	2013839	18.247 ug/mlm
15) T Chrysene (C27.41)	14.846	2075044	18.578 ug/ml
16) T benzo[b]fluoranthene ...	16.354	2007075	18.738 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.385	2012733	18.982 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.733	1991519	18.911 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.098	1967446	19.421 ug/mlm
20) T Dibenz[a,h]anthracene...	18.136	2006026	19.744 ug/ml
21) T Benzo[g,h,i]perylene ...	18.351	1996768	19.775 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

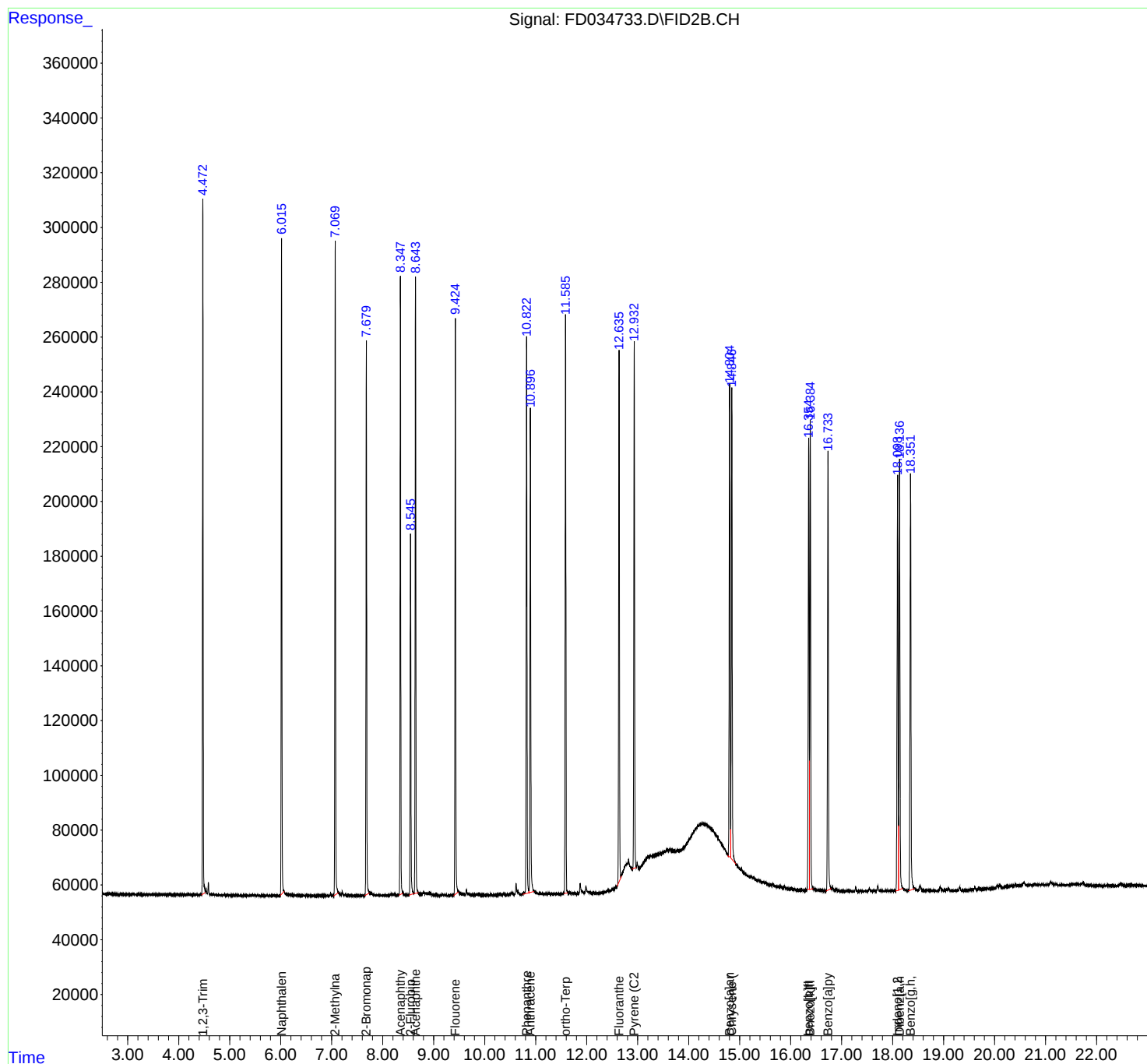
Instrument :
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20 PPM AROMATIC HC STD

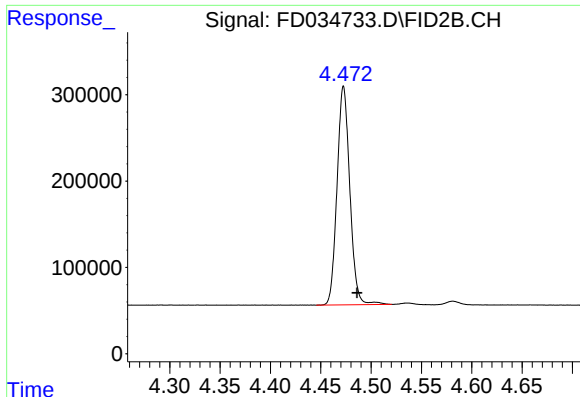
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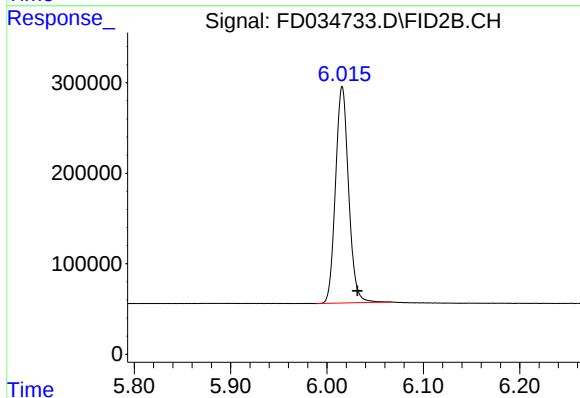
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: -0.013 min
Response: 2238842
Conc: 19.78 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

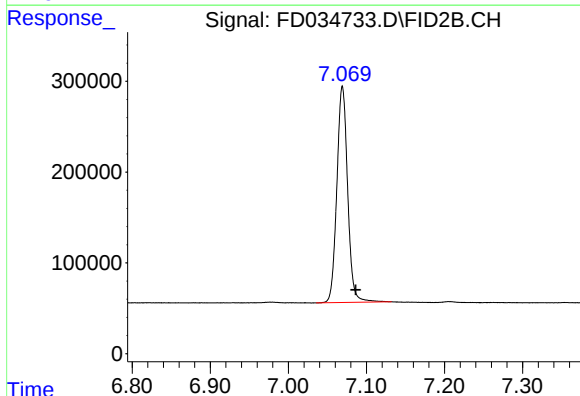
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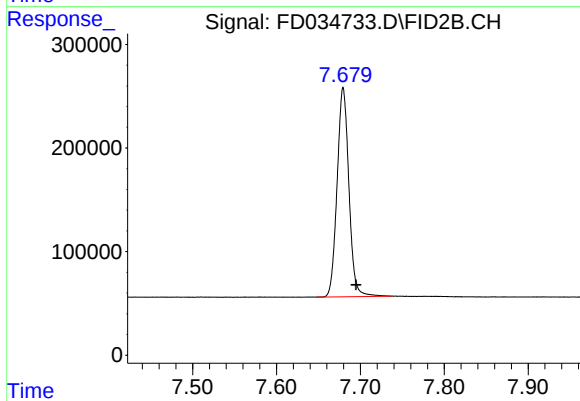
#2 Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.015 min
Response: 2262897
Conc: 19.39 ug/ml



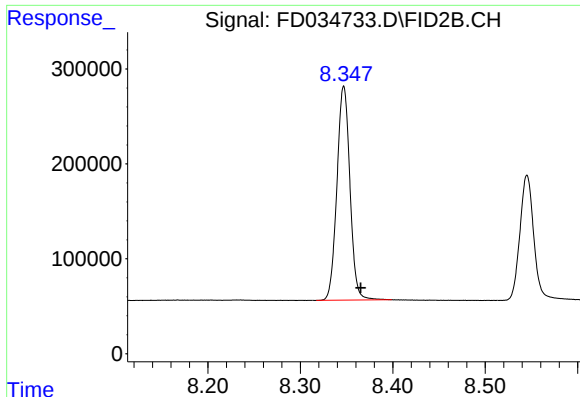
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.017 min
Response: 2288275
Conc: 19.37 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.015 min
Response: 1975777
Conc: 19.26 ug/ml



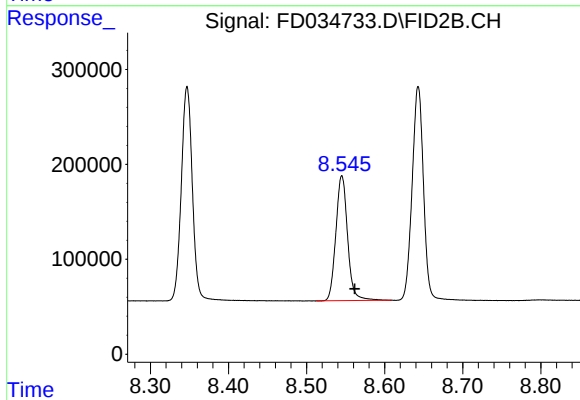
#5 Acenaphthylene (C15.06)

R.T.: 8.347 min
Delta R.T.: -0.018 min
Response: 2205049
Conc: 18.87 ug/ml

Instrument :
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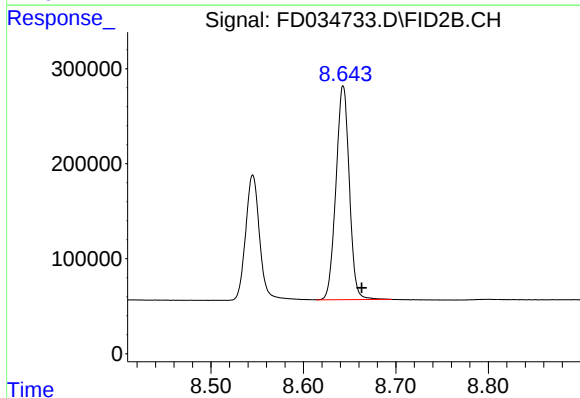
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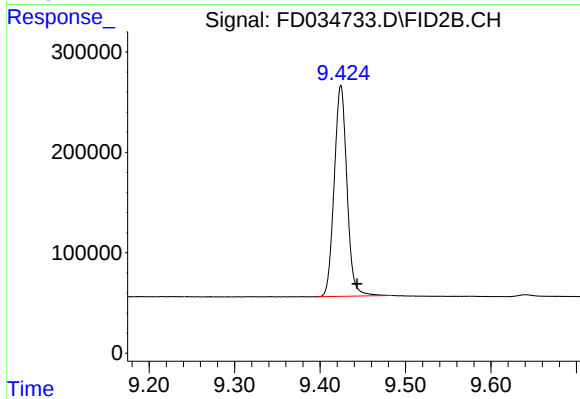
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: -0.017 min
Response: 1376617
Conc: 19.13 ug/ml



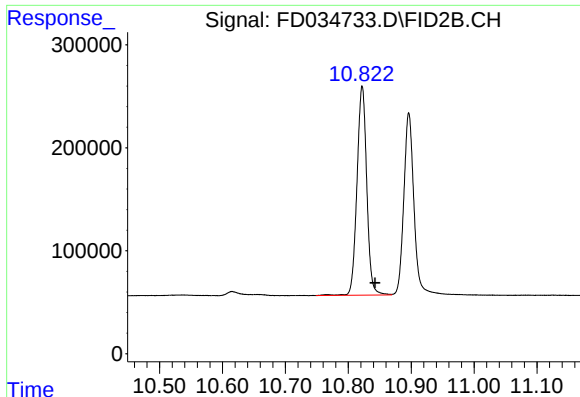
#7 Acenaphthene (C15.5)

R.T.: 8.643 min
Delta R.T.: -0.020 min
Response: 2261639
Conc: 19.01 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.424 min
Delta R.T.: -0.019 min
Response: 2180608
Conc: 18.91 ug/ml



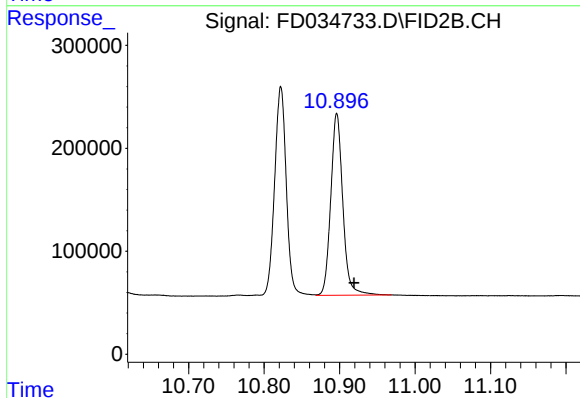
#9 Phenanthrene (C19.36)

R.T.: 10.822 min
Delta R.T.: -0.021 min
Response: 2194067
Conc: 18.82 ug/ml

Instrument :
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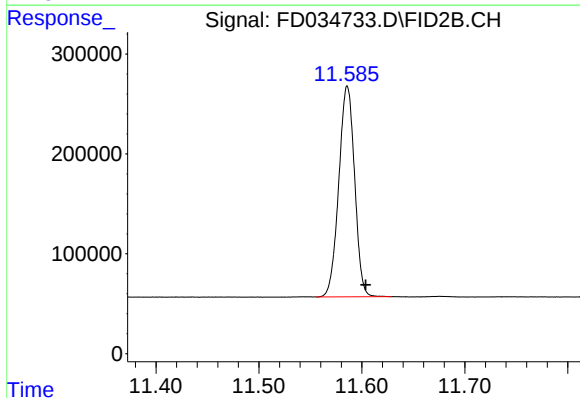
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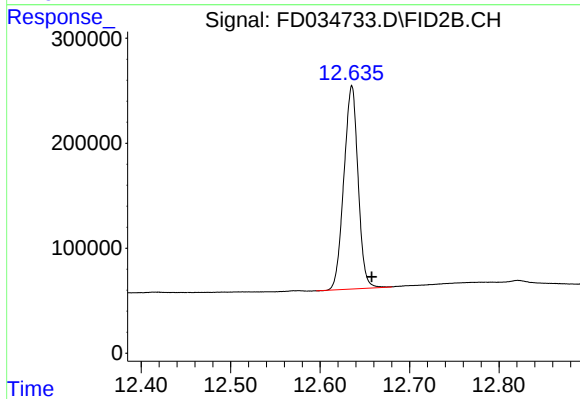
#10 Anthracene (C19.43)

R.T.: 10.896 min
Delta R.T.: -0.023 min
Response: 1960197
Conc: 17.21 ug/ml



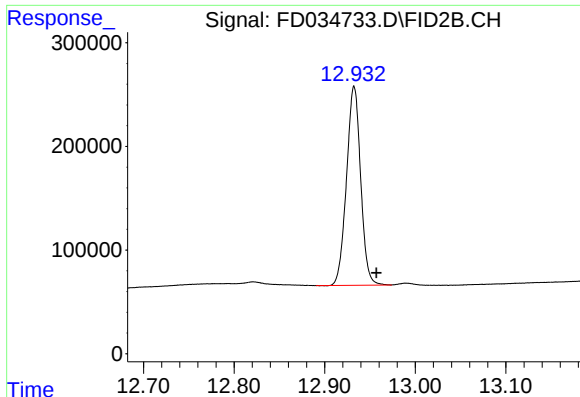
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.018 min
Response: 2253367
Conc: 18.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.023 min
Response: 2136885
Conc: 18.32 ug/ml m



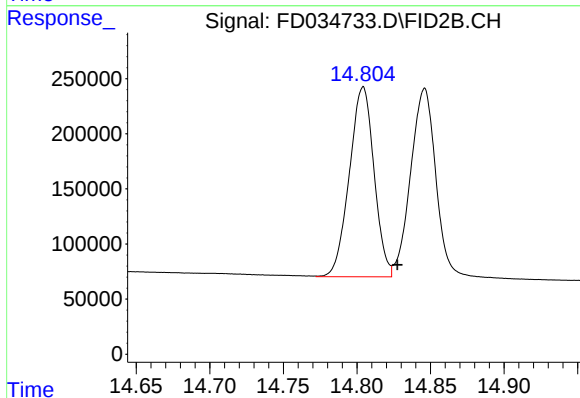
#13 Pyrene (C20.8)

R.T.: 12.933 min
Delta R.T.: -0.024 min
Response: 2083338
Conc: 18.36 ug/ml

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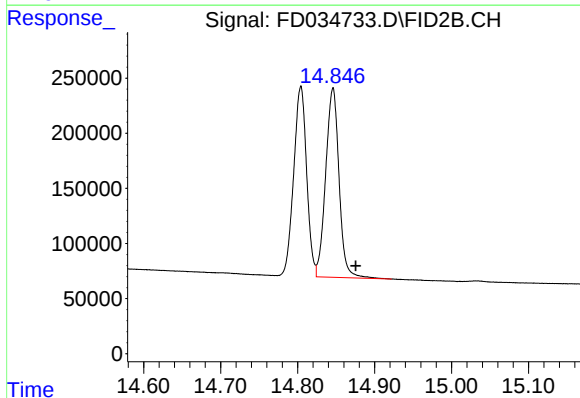
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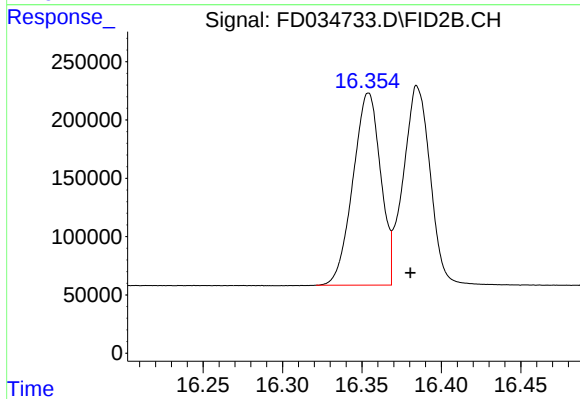
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.804 min
Delta R.T.: -0.023 min
Response: 2013839
Conc: 18.25 ug/ml m



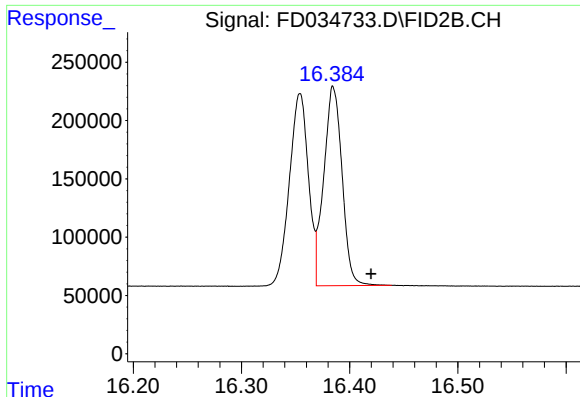
#15 Chrysene (C27.41)

R.T.: 14.846 min
Delta R.T.: -0.030 min
Response: 2075044
Conc: 18.58 ug/ml



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

R.T.: 16.354 min
Delta R.T.: -0.027 min
Response: 2007075
Conc: 18.74 ug/ml m



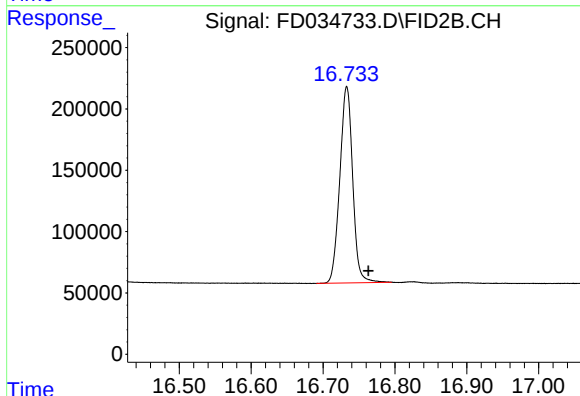
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.385 min
Delta R.T.: -0.035 min
Response: 2012733
Conc: 18.98 ug/ml

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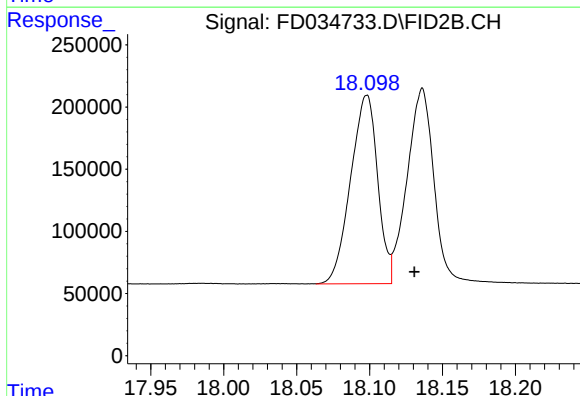
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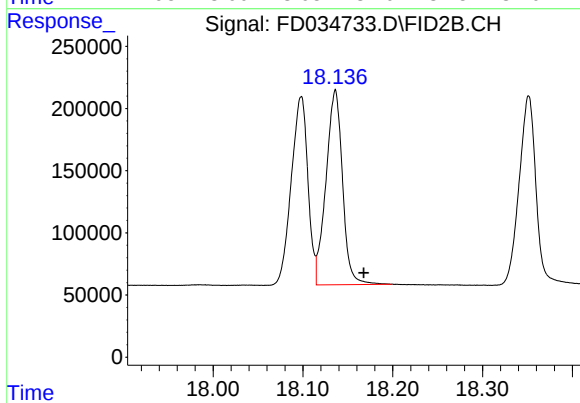
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.733 min
Delta R.T.: -0.030 min
Response: 1991519
Conc: 18.91 ug/ml



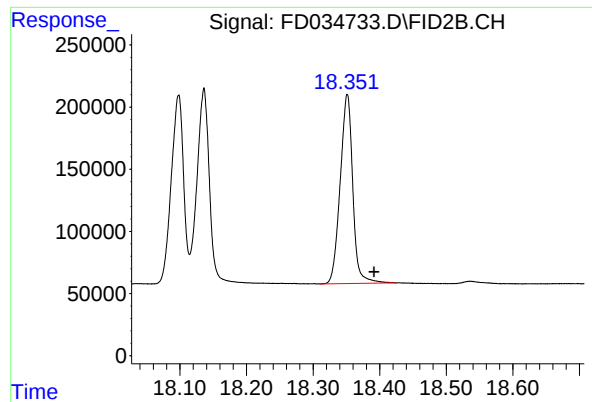
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.098 min
Delta R.T.: -0.032 min
Response: 1967446
Conc: 19.42 ug/ml m



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

R.T.: 18.136 min
Delta R.T.: -0.032 min
Response: 2006026
Conc: 19.74 ug/ml



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

R.T.: 18.351 min
Delta R.T.: -0.040 min
Response: 1996768
Conc: 19.78 ug/ml

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