Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092220AR\
Data File : FD034803.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2020 9:07
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
9/23/2020 11:29:32 AM

Integration File: autoint1.e
Quant Time: Sep 23 02:57:43 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...	7.682	2079569	20.275 ug/ml
Spiked Amount	50.000		Recovery =	40.55%
6) S	2-Flurobiphenyl (SURR)	8.548	1438631	19.995 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	39.99%
11) S	ortho-Terphenyl (SURR)	11.588	2383149	19.893 ug/ml
Spiked Amount	50.000		Recovery =	39.79%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.476	2377086	20.996 ug/ml
2) T	Naphthalene (C11.7)	6.020	2389141	20.469 ug/ml
3) T	2-Methylnaphthalene (...	7.073	2399605	20.317 ug/ml
5) T	Acenaphthylene (C15.06)	8.350	2316939	19.825 ug/ml
7) T	Acenaphthene (C15.5)	8.646	2384032	20.037 ug/ml
8) T	Flouorene (C16.55)	9.427	2289636	19.858 ug/ml
9) T	Phenanthrene (C19.36)	10.826	2273581	19.499 ug/ml
10) T	Anthracene (C19.43)	10.900	1981468	17.394 ug/ml
12) T	Fluoranthene (C21.85)	12.638	2288438	19.624 ug/ml
13) T	Pyrene (C20.8)	12.936	2223205	19.590 ug/ml
14) T	Benzo[a]anthracene (C...	14.808	2142946	19.417 ug/ml
15) T	Chrysene (C27.41)	14.851	2208536	19.773 ug/ml
16) T	benzo[b]fluoranthene ...	16.360	2189048	20.437 ug/mlm
17) T	Bnezo[k]fluoranthene ...	16.392	2167402	20.441 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.740	2161925	20.530 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.104	2143579	21.160 ug/mlm
20) T	Dibenz[a,h]anthracene...	18.142	2173771	21.395 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.359	2174938	21.540 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
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Integration File: autoint1.e
Quant Time: Sep 23 02:57:43 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
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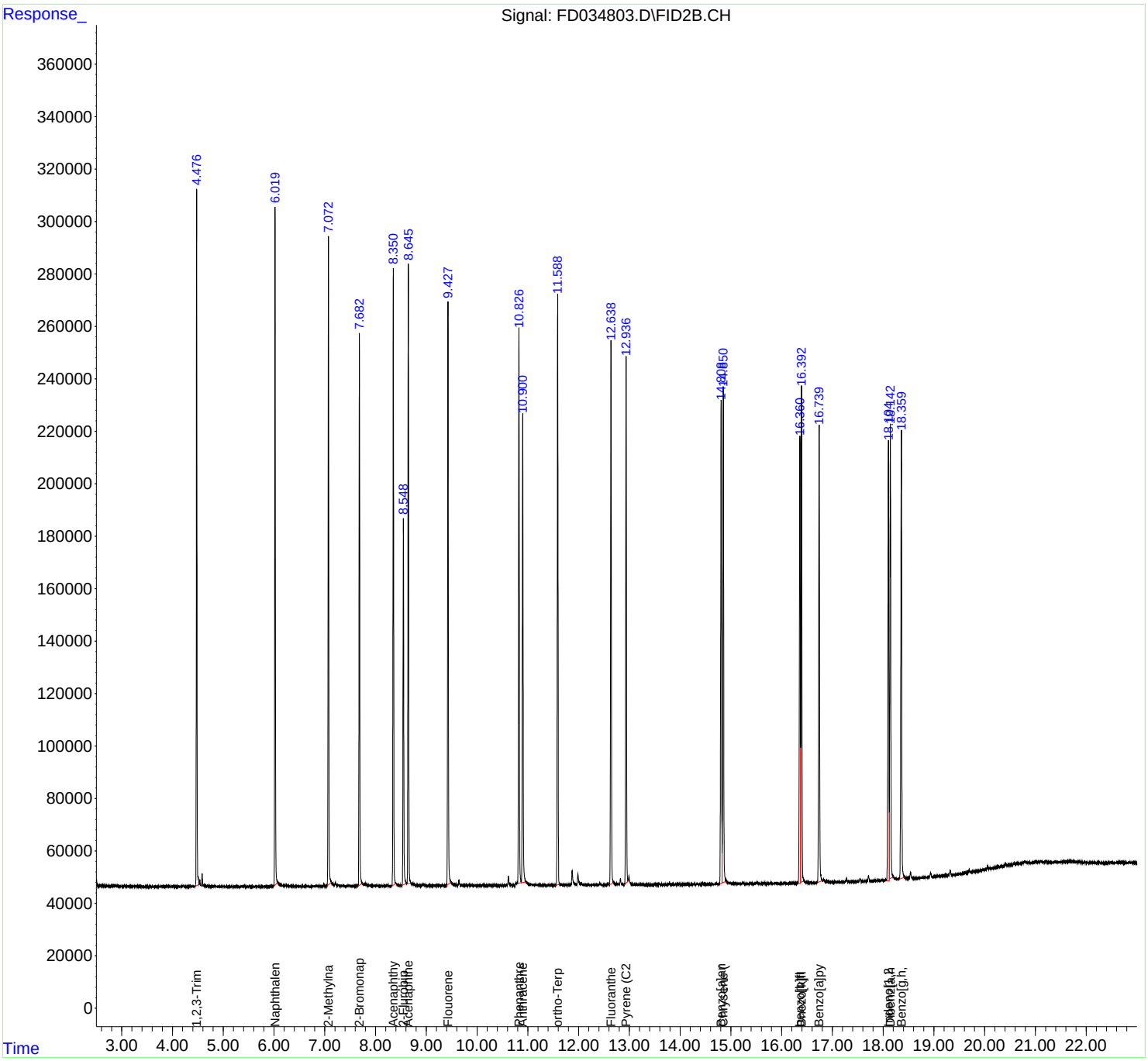
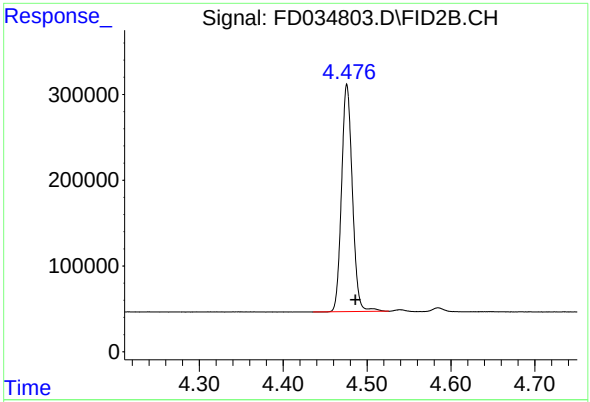
QLast Update : Tue Sep 01 02:30:57 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.476 min
Delta R.T.: -0.010 min
Response: 2377086
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

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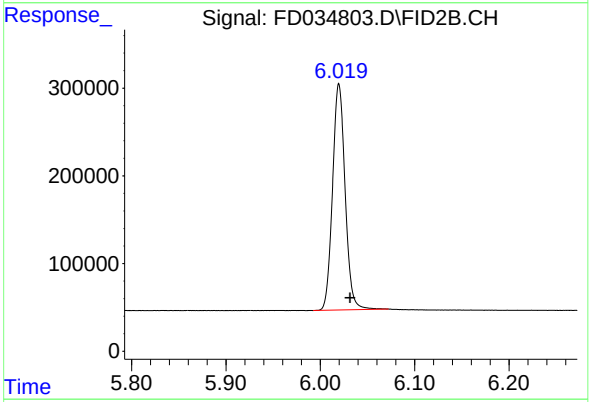
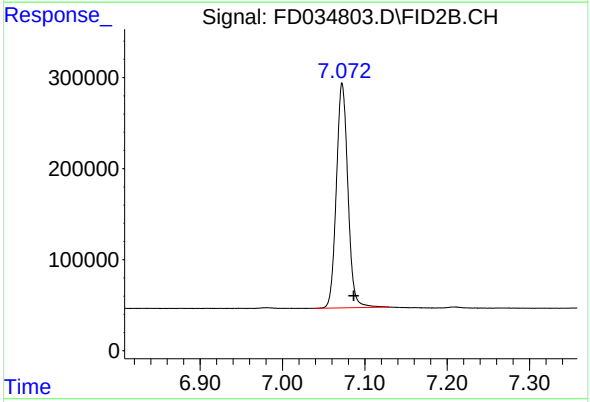


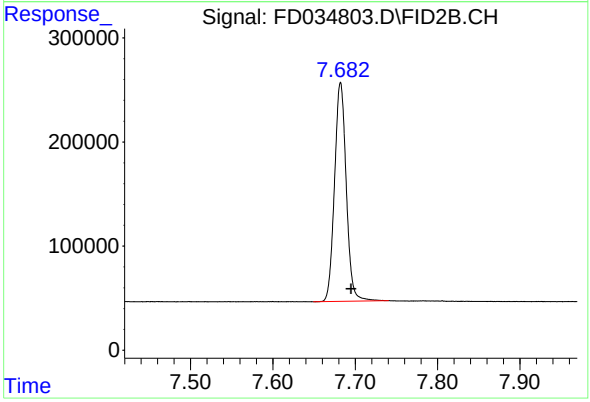
#2 Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: -0.012 min
Response: 2389141
Conc: 20.47 ug/ml



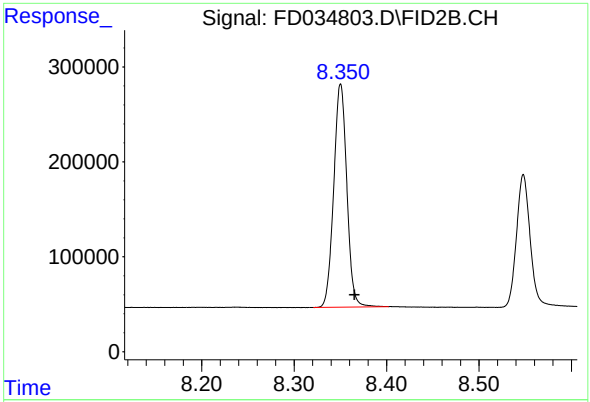
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.014 min
Response: 2399605
Conc: 20.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.682 min
Delta R.T.: -0.013 min
Response: 2079569
Conc: 20.28 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: -0.015 min
Response: 2316939
Conc: 19.82 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations APPROVED
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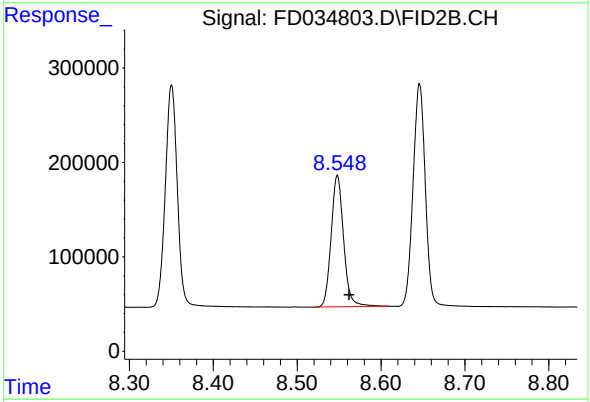
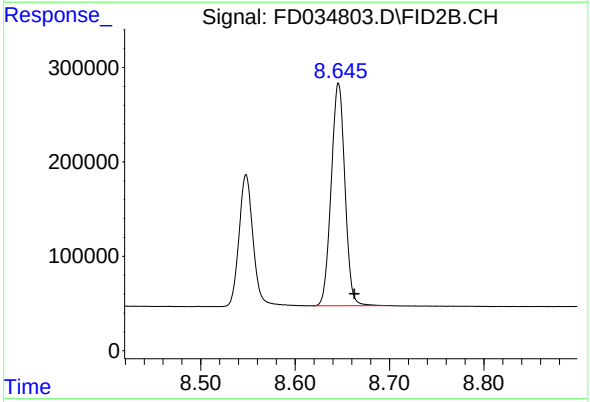


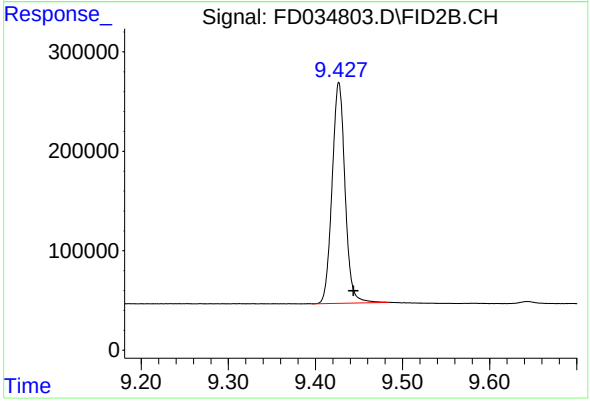
#6 2-Flurobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.014 min
Response: 1438631
Conc: 19.99 ug/ml



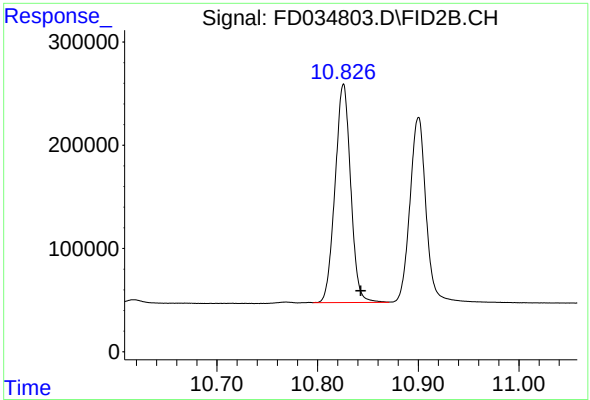
#7 Acenaphthene (C15.5)

R.T.: 8.646 min
Delta R.T.: -0.017 min
Response: 2384032
Conc: 20.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.427 min
Delta R.T.: -0.017 min
Response: 2289636
Conc: 19.86 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.826 min
Delta R.T.: -0.017 min
Response: 2273581
Conc: 19.50 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

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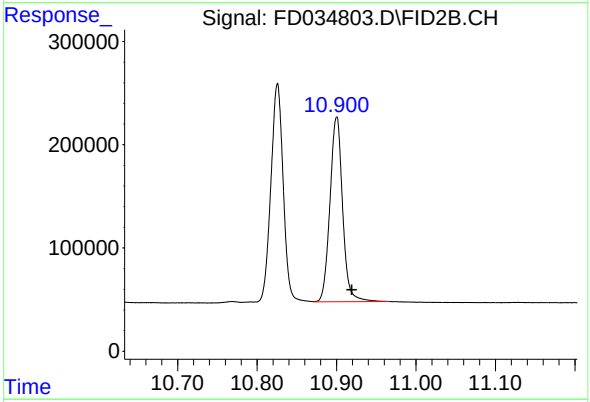
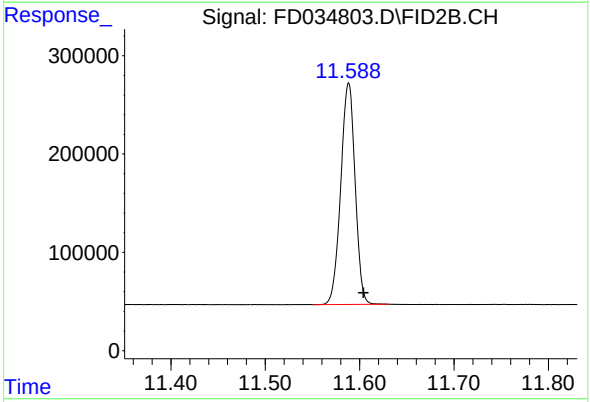


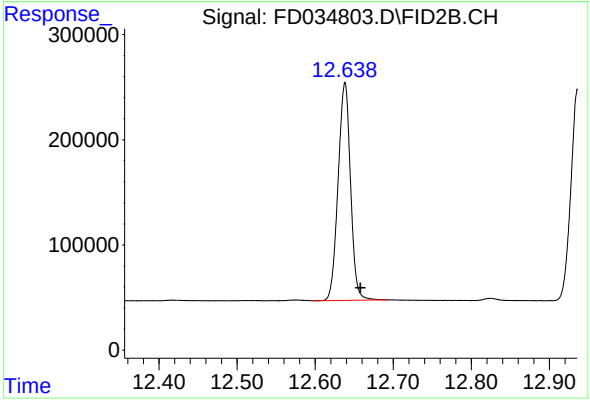
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: -0.019 min
Response: 1981468
Conc: 17.39 ug/ml



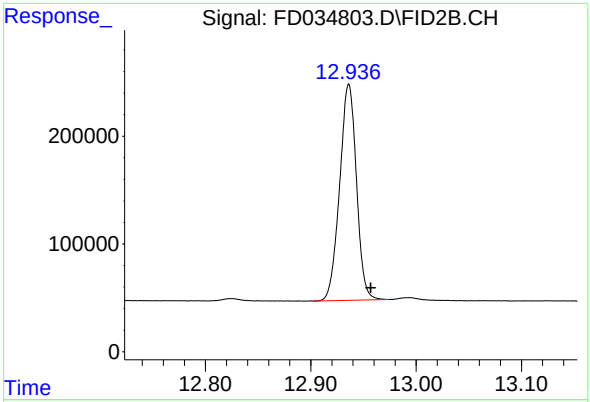
#11 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.016 min
Response: 2383149
Conc: 19.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.638 min
Delta R.T.: -0.020 min
Response: 2288438
Conc: 19.62 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: -0.021 min
Response: 2223205
Conc: 19.59 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

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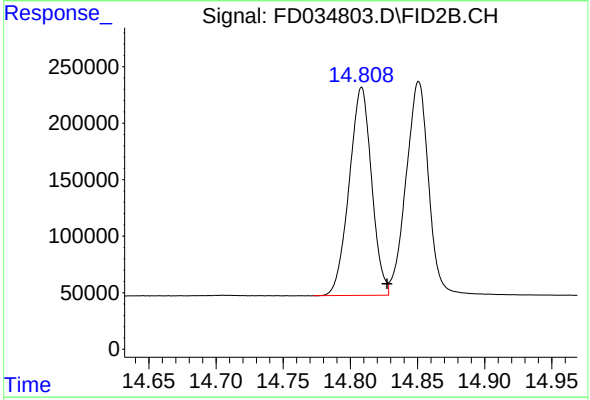
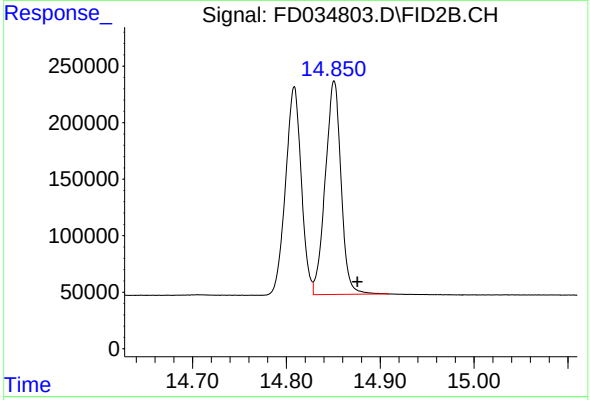


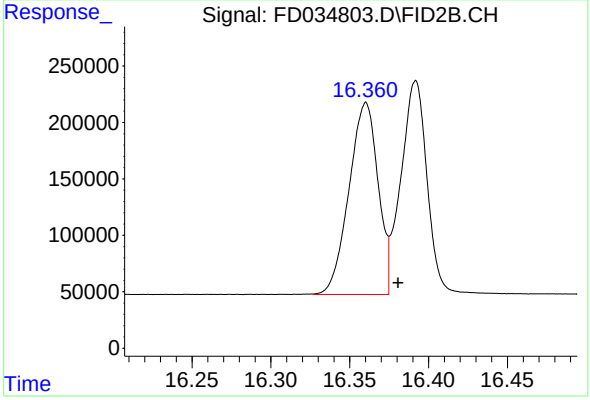
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: -0.019 min
Response: 2142946
Conc: 19.42 ug/ml



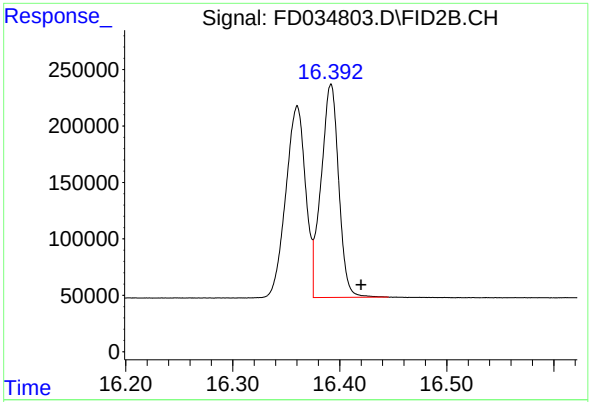
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: -0.025 min
Response: 2208536
Conc: 19.77 ug/ml



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

R.T.: 16.360 min
Delta R.T.: -0.021 min
Response: 2189048
Conc: 20.44 ug/ml m



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

R.T.: 16.392 min
Delta R.T.: -0.028 min
Response: 2167402
Conc: 20.44 ug/ml

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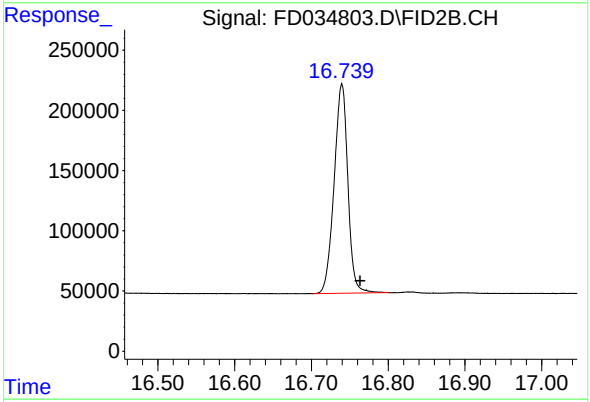
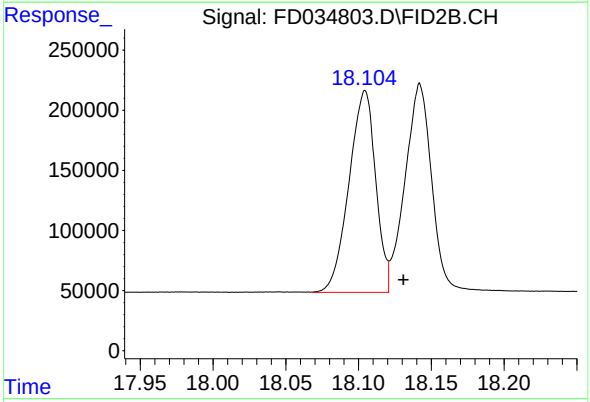


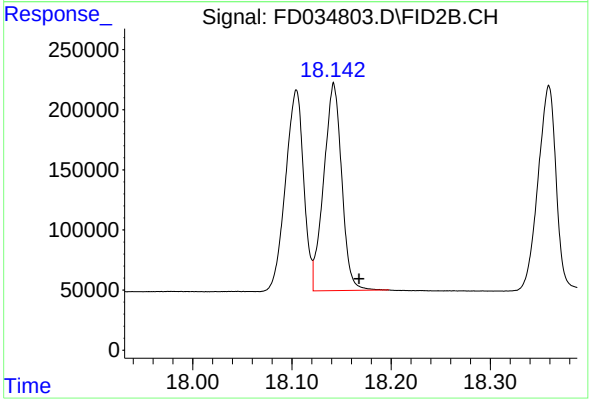
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.024 min
Response: 2161925
Conc: 20.53 ug/ml



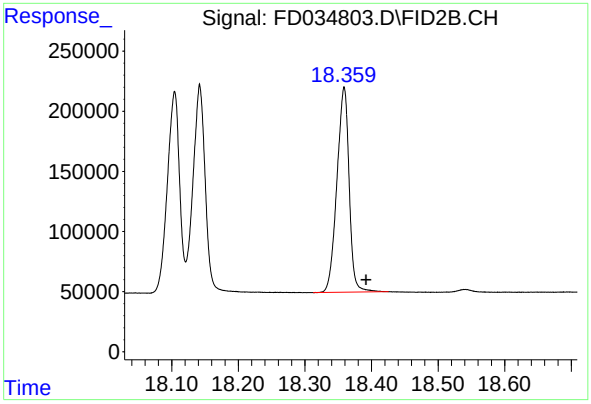
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: -0.027 min
Response: 2143579
Conc: 21.16 ug/ml m



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

R.T.: 18.142 min
Delta R.T.: -0.026 min
Response: 2173771
Conc: 21.39 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2174938
Conc: 21.54 ug/ml

Instrument :
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