Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
Data File : FD036399.D
Signal(s) : FID2B.CH
Acq On : 17 Mar 2021 14:51
Operator : DD\AJ
Sample : M1458-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
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Integration File: autoint1.e
Quant Time: Mar 18 02:13:32 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
Quant Title : GC Extractables
QLast Update : Thu Mar 04 08:08:08 2021
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...	7.602	7834800	66.469 ug/ml
Spiked Amount	50.000		Recovery =	132.94%
6) S	2-Flurobiphenyl (SURR)	8.462	5328665	64.030 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	128.06%
11) S	ortho-Terphenyl (SURR)	11.505	7792863	55.314 ug/ml
Spiked Amount	50.000		Recovery =	110.63%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.399	616616	4.918 ug/ml
2) T	Naphthalene (C11.7)	5.936	715008	5.276 ug/ml
3) T	2-Methylnaphthalene (...	6.986	757283	5.546 ug/ml
5) T	Acenaphthylene (C15.06)	8.261	713941	5.307 ug/ml
7) T	Acenaphthene (C15.5)	8.555	744686	5.380 ug/ml
8) T	Flouorene (C16.55)	9.334	750294	5.498 ug/ml
9) T	Phenanthrene (C19.36)	10.729	762909	5.537 ug/ml
10) T	Anthracene (C19.43)	10.803	733366	5.462 ug/ml
12) T	Fluoranthene (C21.85)	12.537	772934	5.566 ug/ml
13) T	Pyrene (C20.8)	12.834	766131	5.588 ug/ml
14) T	Benzo[a]anthracene (C...	14.702	706804	5.588 ug/ml
15) T	Chrysene (C27.41)	14.743	732519	5.656 ug/ml
16) T	benzo[b]fluoranthene ...	16.247	707072	5.810 ug/mlm
17) T	Bnezo[k]fluoranthene ...	16.278	680868	5.782 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.624	680843	6.174 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.984	627560	5.672 ug/ml
20) T	Dibenz[a,h]anthracene...	18.026	676533	6.113 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.236	667563	6.037 ug/ml

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

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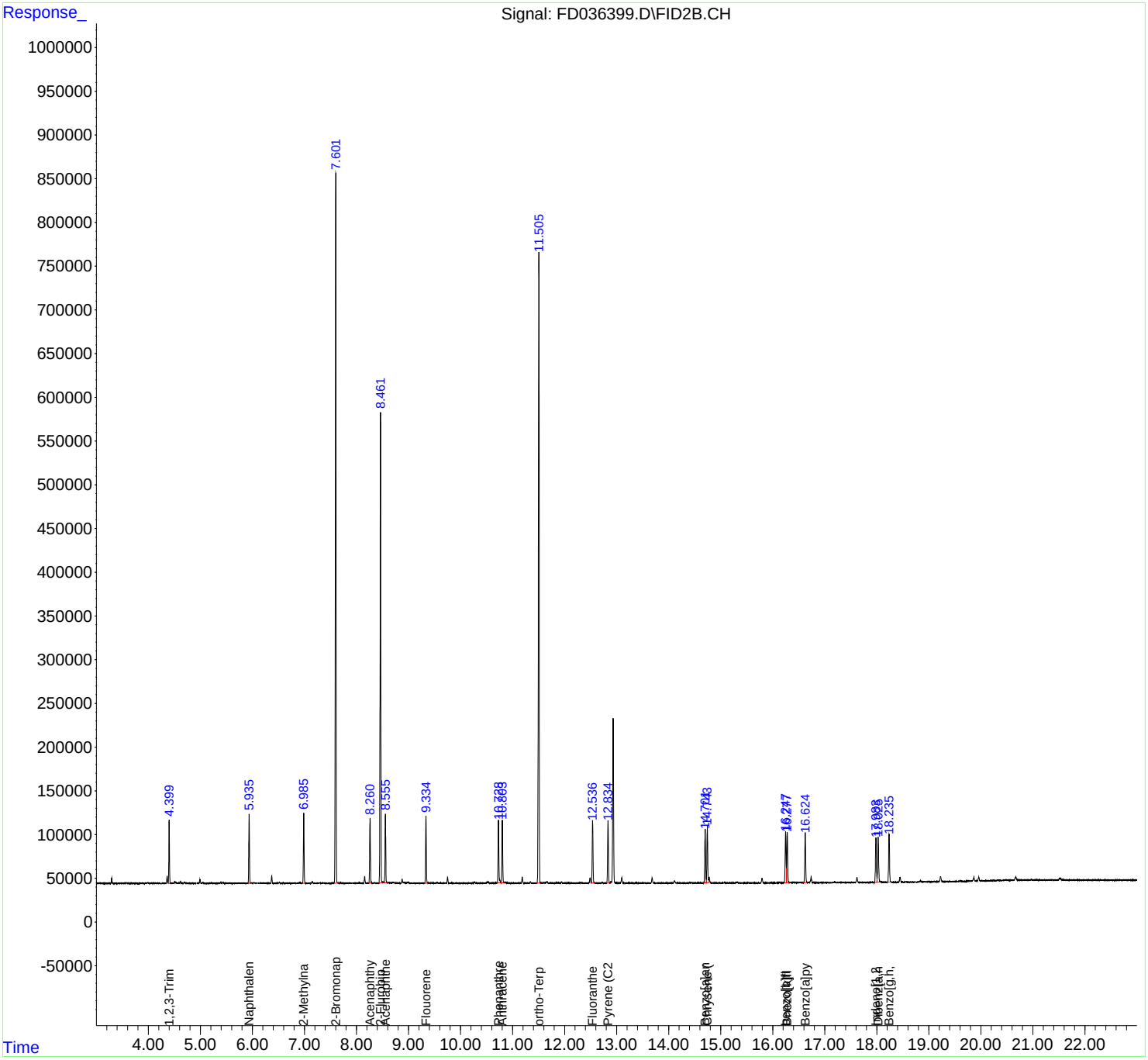

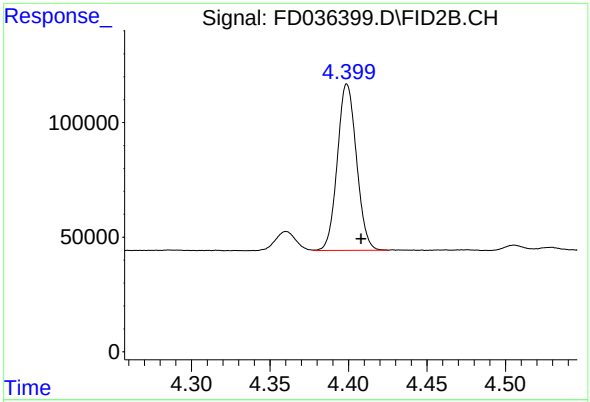

#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.399 min
Delta R.T.: -0.009 min
Response: 616616
Conc: 4.92 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

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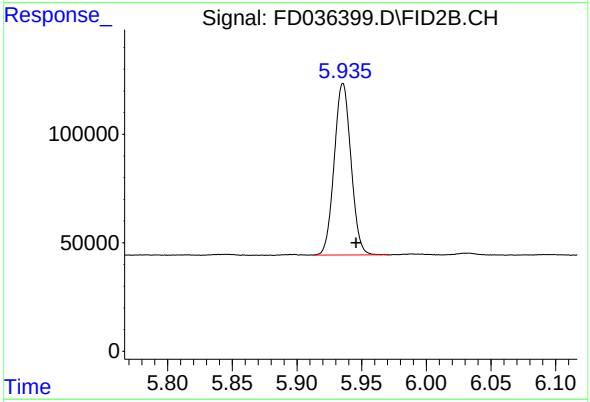
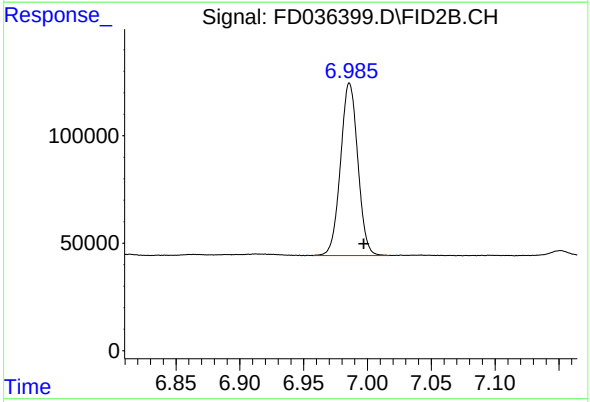


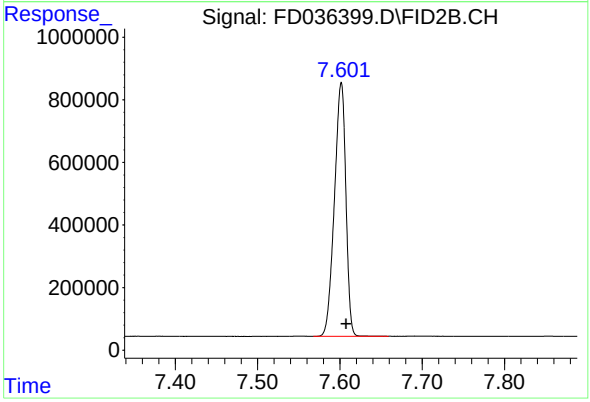
#2 Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.010 min
Response: 715008
Conc: 5.28 ug/ml



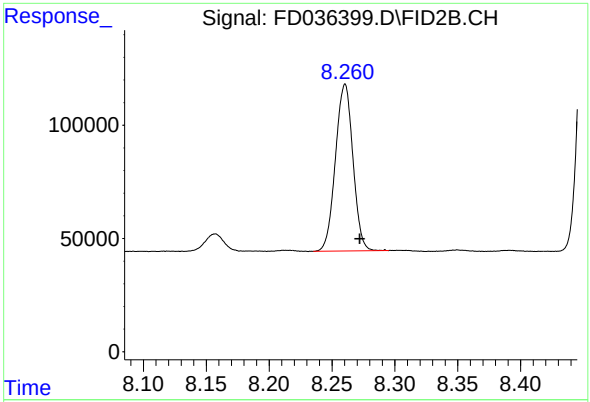
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.011 min
Response: 757283
Conc: 5.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.602 min
Delta R.T.: -0.006 min
Response: 7834800
Conc: 66.47 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.261 min
Delta R.T.: -0.012 min
Response: 713941
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

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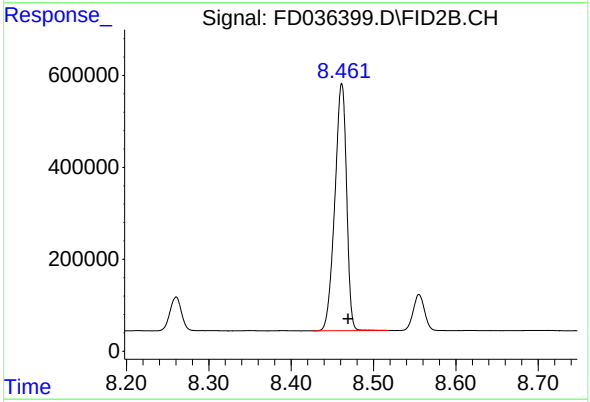
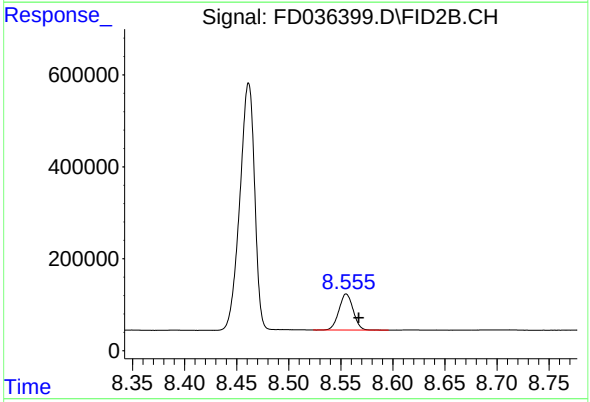


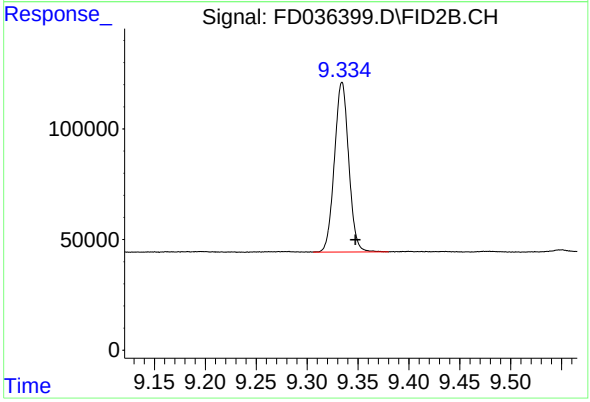
#6 2-Flurobiphenyl (SURR)

R.T.: 8.462 min
Delta R.T.: -0.007 min
Response: 5328665
Conc: 64.03 ug/ml



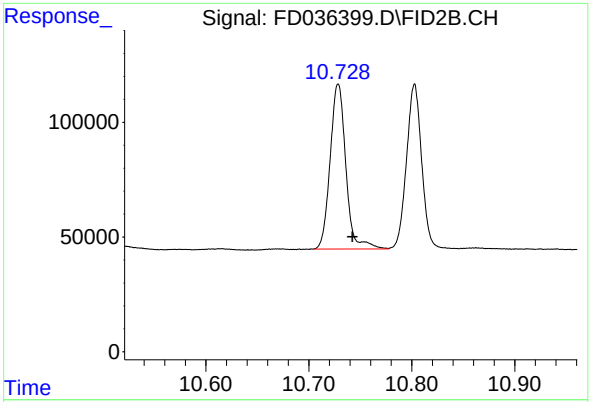
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: -0.012 min
Response: 744686
Conc: 5.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.013 min
Response: 750294
Conc: 5.50 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.014 min
Response: 762909
Conc: 5.54 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

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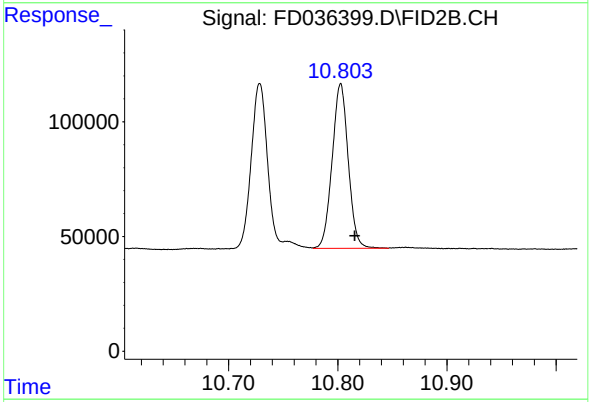
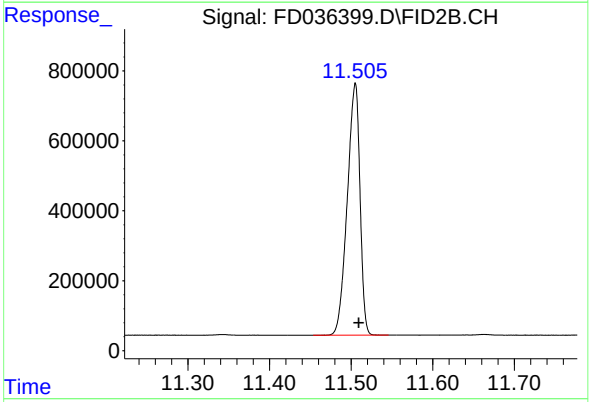


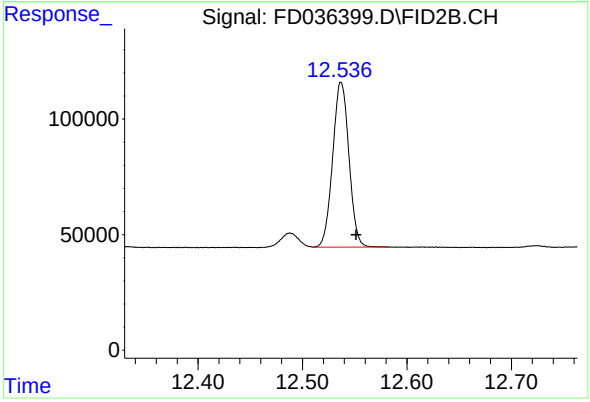
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.013 min
Response: 733366
Conc: 5.46 ug/ml



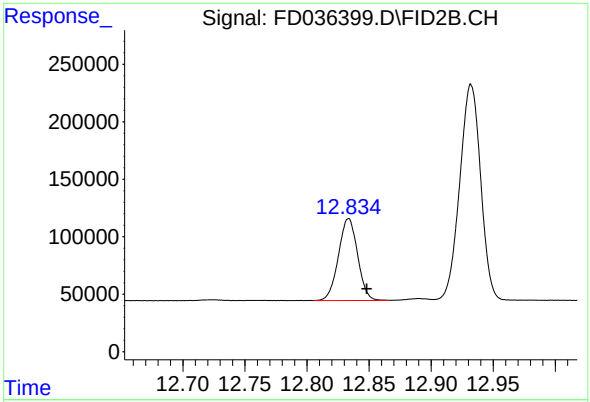
#11 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 7792863
Conc: 55.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.015 min
Response: 772934
Conc: 5.57 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: -0.015 min
Response: 766131
Conc: 5.59 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

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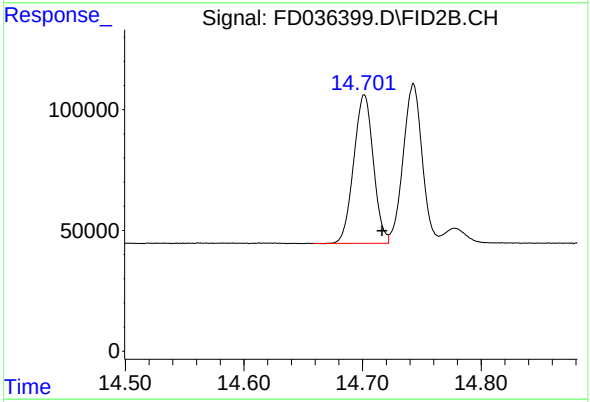
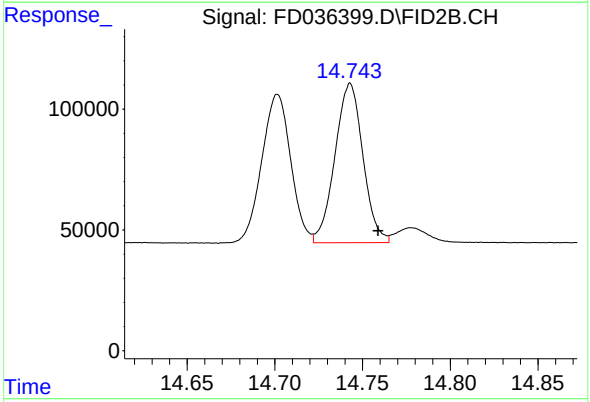


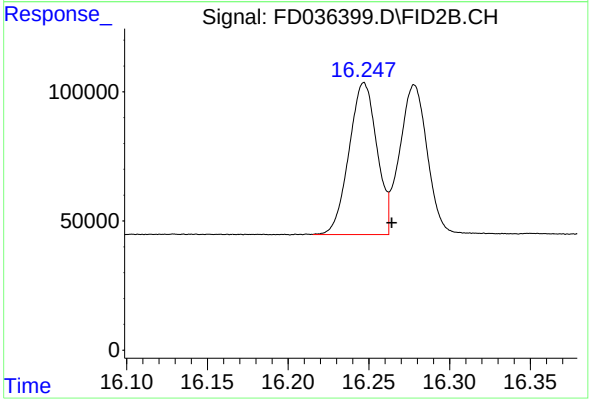
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: -0.015 min
Response: 706804
Conc: 5.59 ug/ml



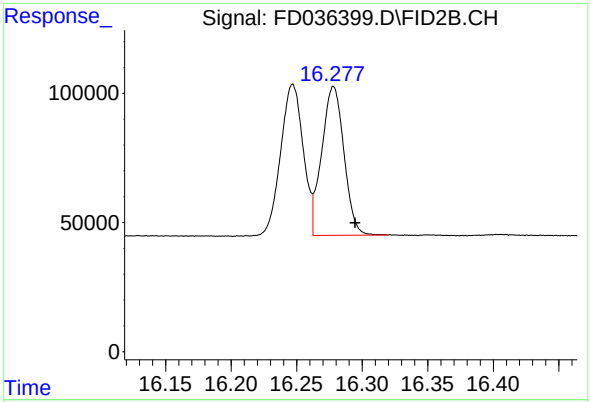
#15 Chrysene (C27.41)

R.T.: 14.743 min
Delta R.T.: -0.016 min
Response: 732519
Conc: 5.66 ug/ml



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

R.T.: 16.247 min
Delta R.T.: -0.017 min
Response: 707072
Conc: 5.81 ug/ml m



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

R.T.: 16.278 min
Delta R.T.: -0.016 min
Response: 680868
Conc: 5.78 ug/ml

Instrument :
FID_D
ClientSampleId :
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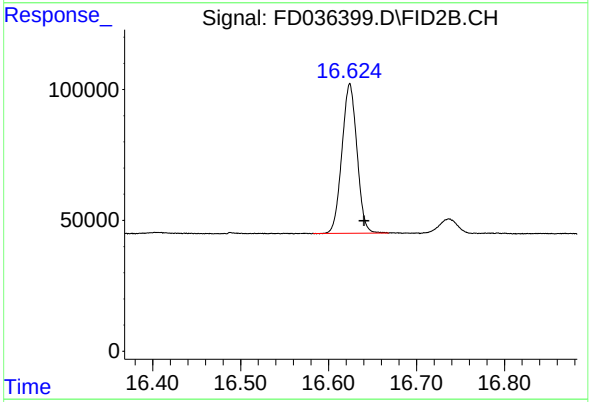
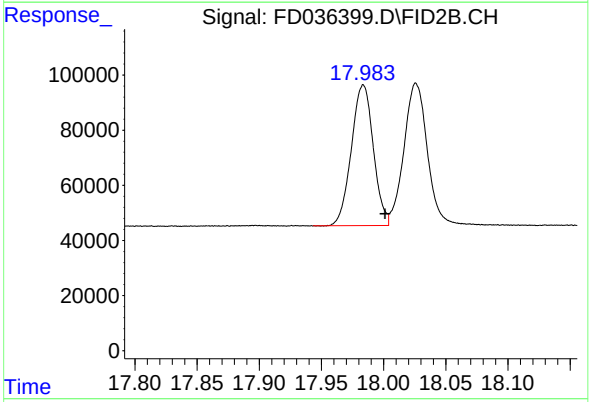


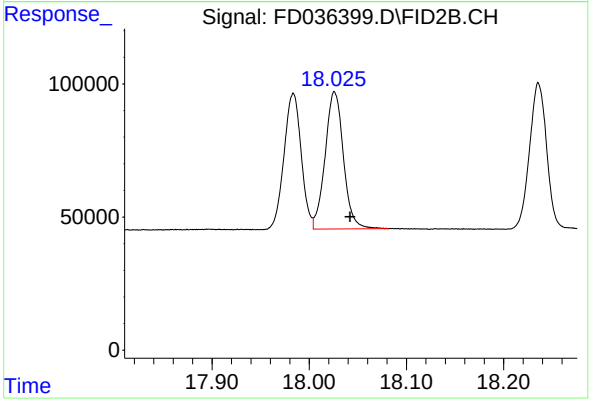
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: -0.016 min
Response: 680843
Conc: 6.17 ug/ml



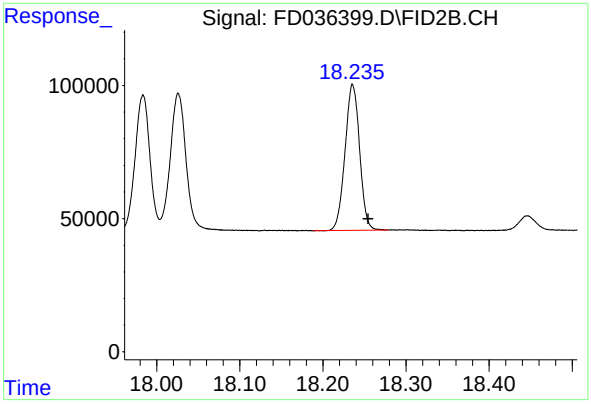
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: -0.017 min
Response: 627560
Conc: 5.67 ug/ml



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

R.T.: 18.026 min
Delta R.T.: -0.016 min
Response: 676533
Conc: 6.11 ug/ml



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

R.T.:	18.236 min
Delta R.T.:	-0.018 min
Response:	667563
Conc:	6.04 ug/ml

Instrument :
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ClientSampleId :
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