

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:04
Operator : SM\AJ
Sample : K4029-20
Misc :
ALS Vial : 52 Sample Multiplier: 1

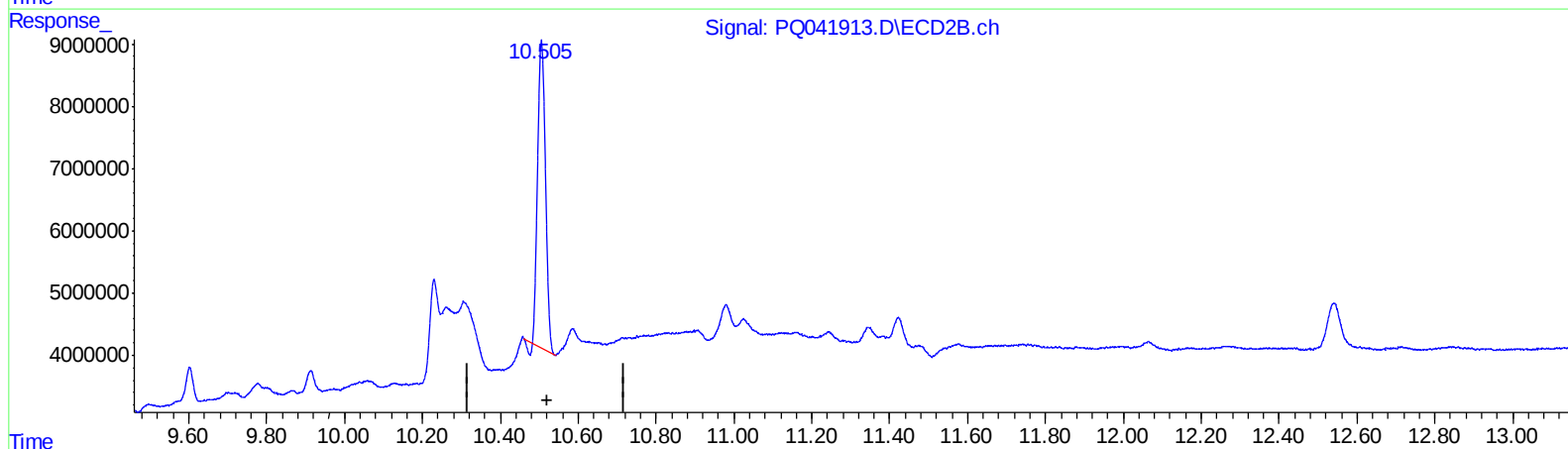
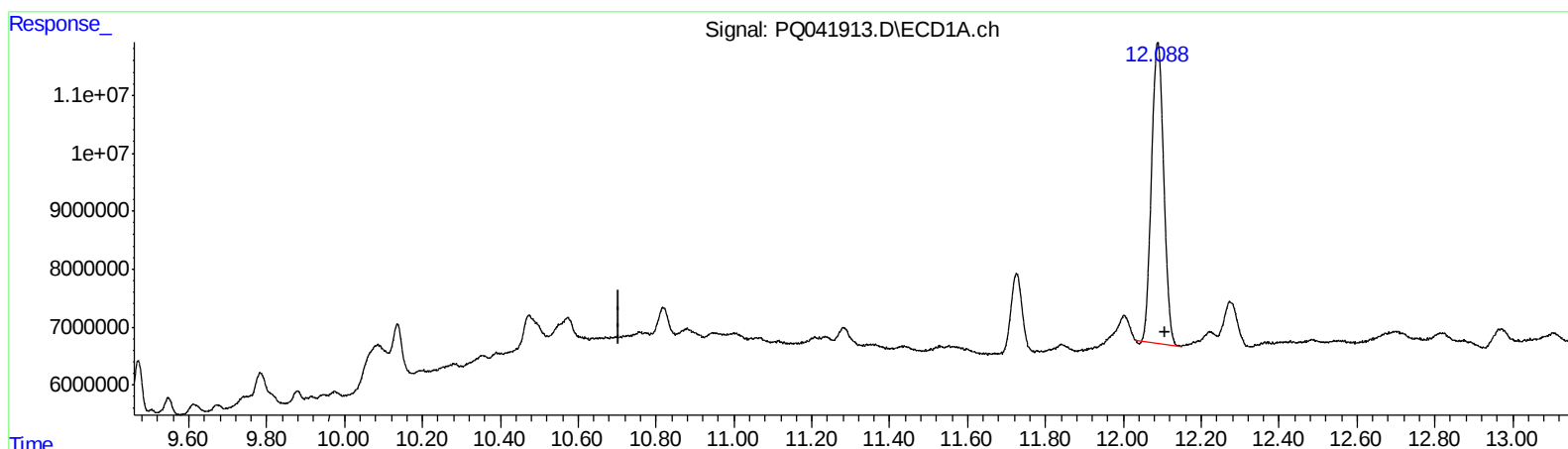
Instrument :
ECD_Q
ClientSampleId :
BENT9

Manual Integrations
APPROVED

Ankita
8/2/2019 1:52:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 07:15:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)

12.088min 13.413 ng/ml

response 113087835

(2) Decachlorobiphenyl #2 (SA)

10.506min 14.207 ng/ml

response 68723951

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Misc :
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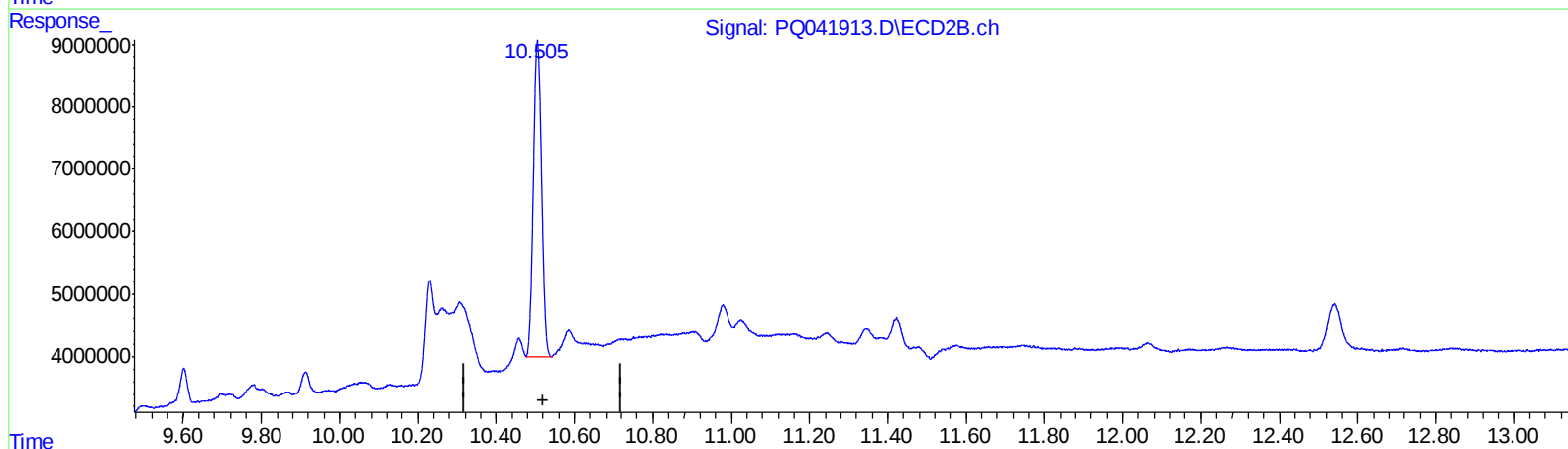
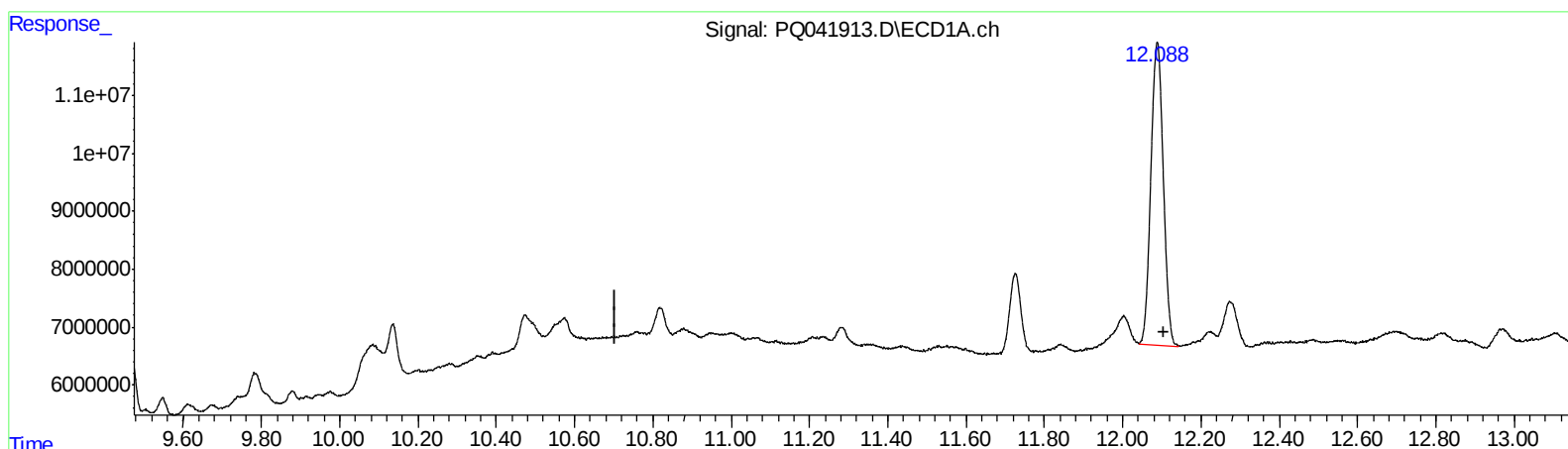
Instrument :
ECD_Q
ClientSampleId :
BENT9

Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(2) Decachlorobiphenyl (SA)

12.088min 13.698 ng/ml m

response 115493387

(2) Decachlorobiphenyl #2 (SA)

10.505min 15.271 ng/ml m

response 73870270

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
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Operator : SM\AJ
Sample : K4029-20
Misc :
ALS Vial : 52 Sample Multiplier: 1

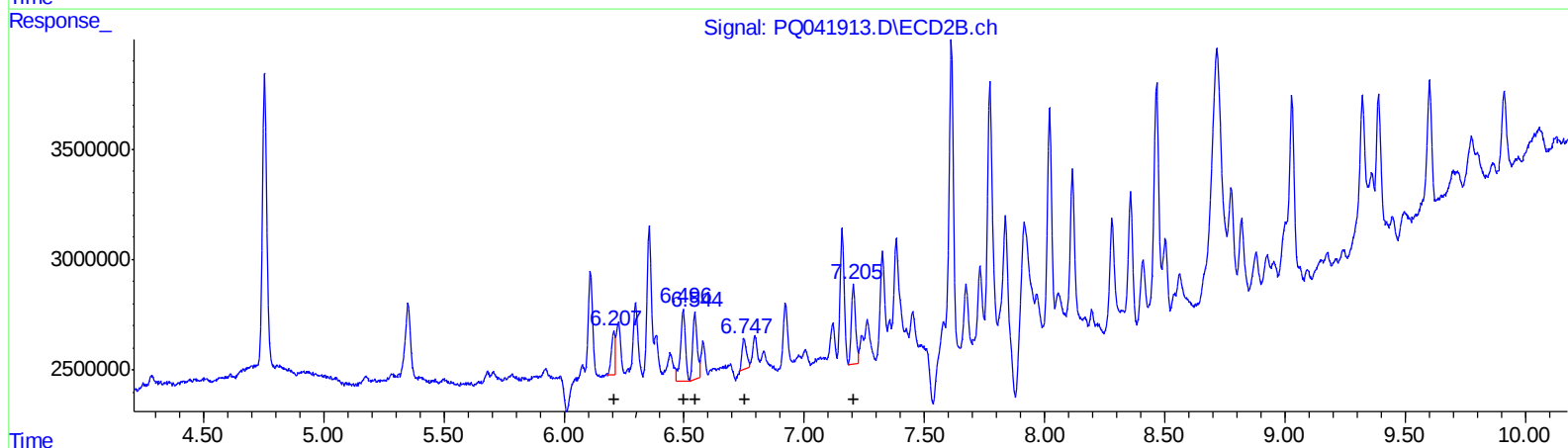
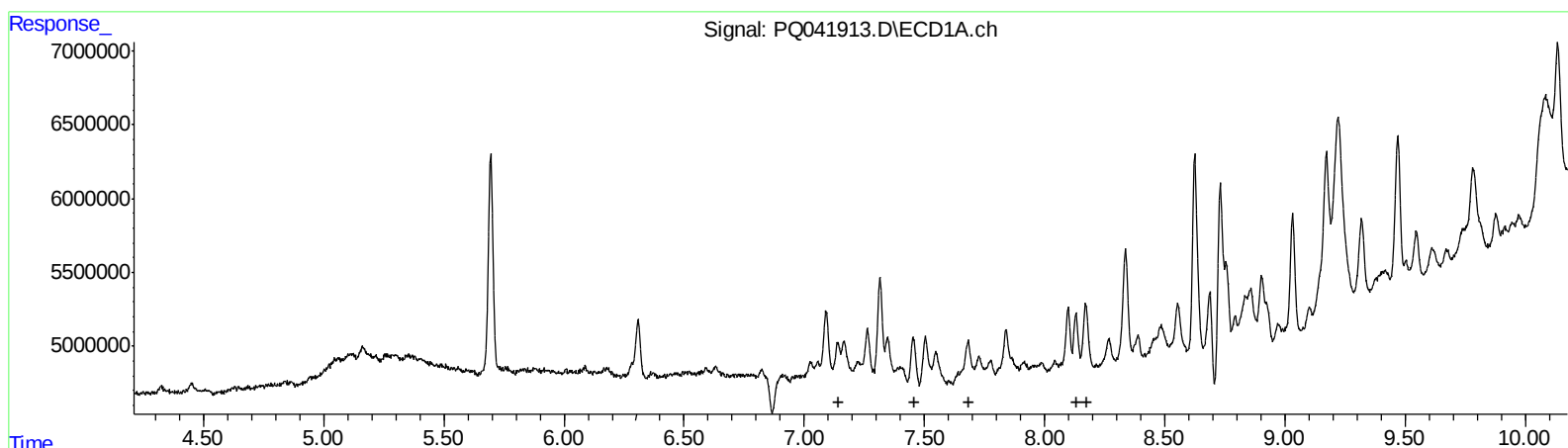
Instrument :
ECD_Q
ClientSampled :
BENT9

Manual Integrations
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
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QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
0.00	0	0.00
0.00	0	0.00
0.00	0	0.00
0.00	0	0.00
0.00	0	0.00

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
6.21	2198172	33.15
6.50	4260597	48.87
6.54	3853101	43.17
6.75	1758606	15.97
7.20	4349962	33.94

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:04
Operator : SM\AJ
Sample : K4029-20
Misc :
ALS Vial : 52 Sample Multiplier: 1

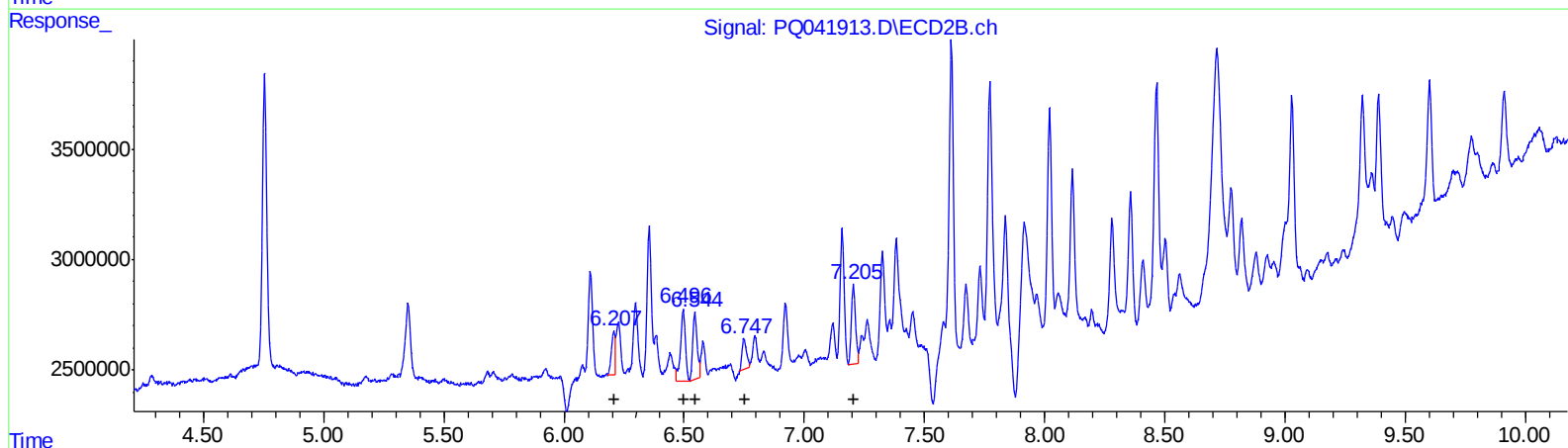
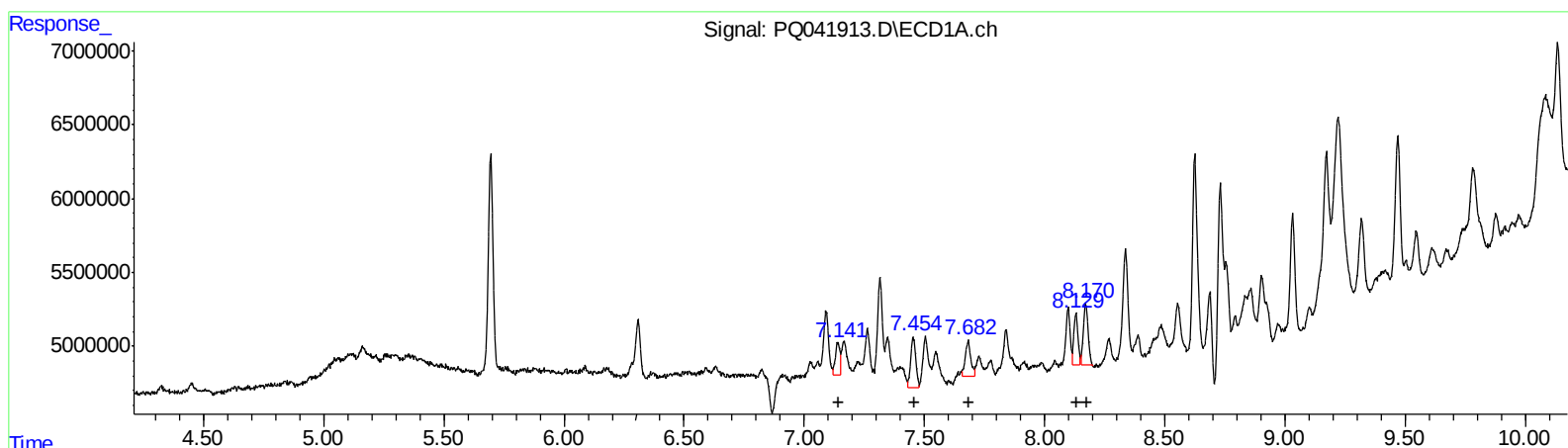
Instrument :
ECD_Q
ClientSampleId :
BENT9

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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Quant Time: Aug 02 07:15:36 2019
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Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
7.14	3078303	41.52
7.45	5015861	54.36
7.68	3934808	35.12
8.13	4200293	26.86
8.17	5648769	37.33

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
6.21	2198172	33.15
6.50	4260597	48.87
6.54	3853101	43.17
6.75	1758606	15.97
7.20	4349962	33.94

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 06:04
 Operator : SM\AJ
 Sample : K4029-20
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

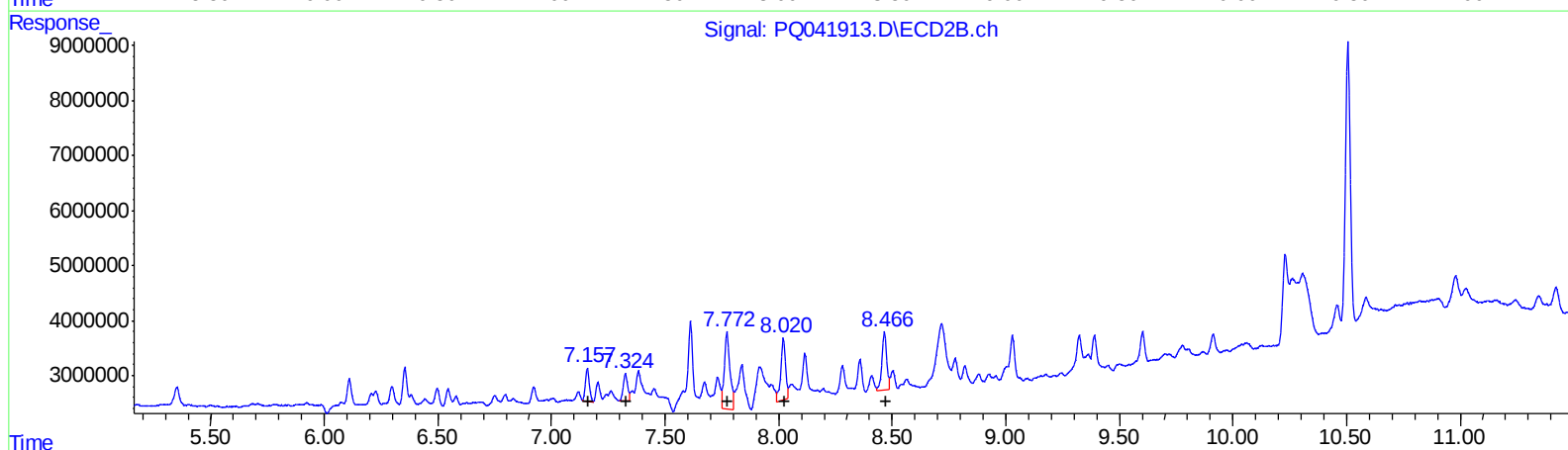
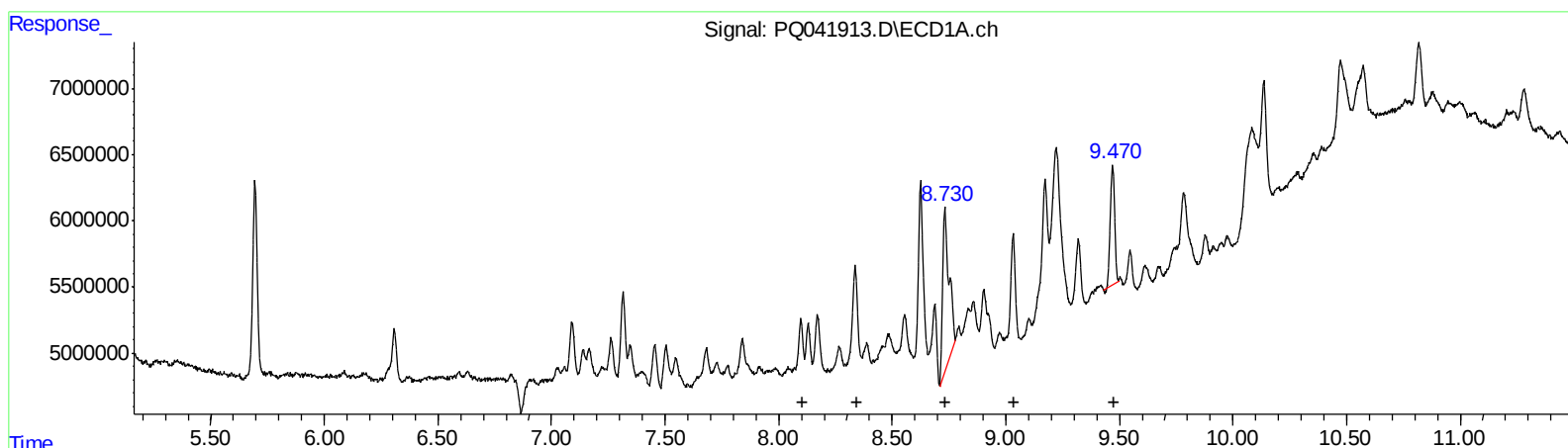
Instrument :
 ECD_Q
 ClientSampleId :
 BENT9

Manual Integrations
 APPROVED

Ankita
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 07:15:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(26) AR-1254-1 (L6)
 R.T. Response Conc
 0.00 0 0.00
 0.00 0 0.00
 8.73 23274628 85.12
 0.00 0 0.00
 9.47 12207139 45.07
 (26) AR-1254-1 #2 (L6)
 R.T. Response Conc
 7.16 7211178 39.43
 7.33 6595657 40.75
 7.77 24206870 83.93
 8.02 16665989 76.78
 8.47 15710100 52.23

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:04
Operator : SM\AJ
Sample : K4029-20
Misc :
ALS Vial : 52 Sample Multiplier: 1

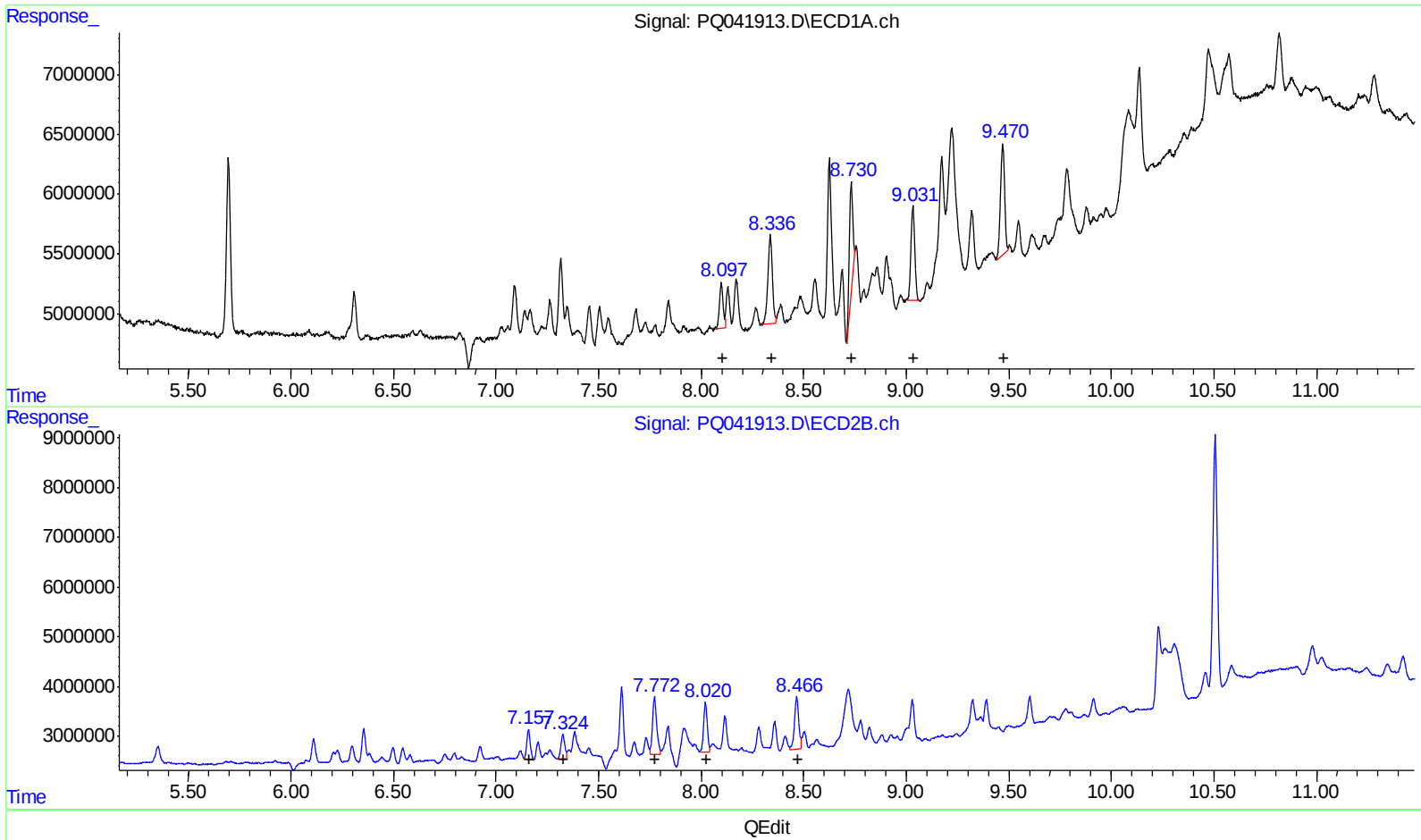
Instrument :
ECD_Q
ClientSampleId :
BENT9

Manual Integrations
APPROVED

Ankita
8/2/2019 1:52:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 07:15:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(26) AR-1254-1 #2 (L6)
R.T. Response Conc
8.10 4735069 34.04
8.34 11324137 49.48
8.73 11011252 40.27
9.03 10277500 41.75
9.47 13124498 48.46

(26) AR-1254-1 #2 (L6)
R.T. Response Conc
7.16 7211178 39.43
7.33 6595657 40.75
7.77 16410454 56.90
8.02 12244130 56.41
8.47 15710100 52.23

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 06:04
 Operator : SM\AJ
 Sample : K4029-20
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

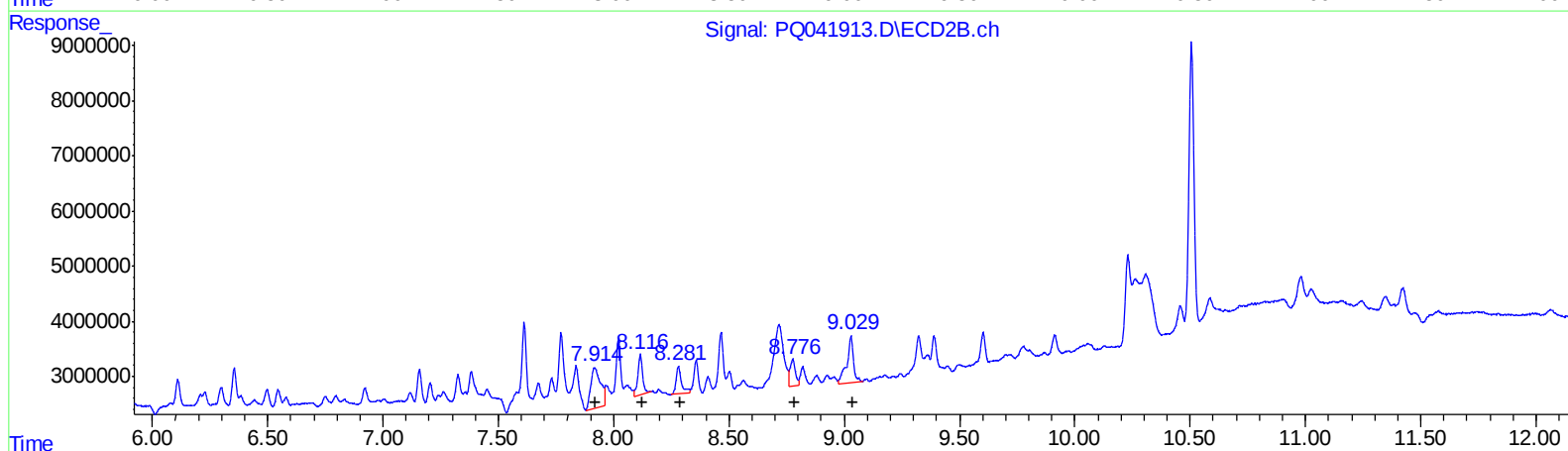
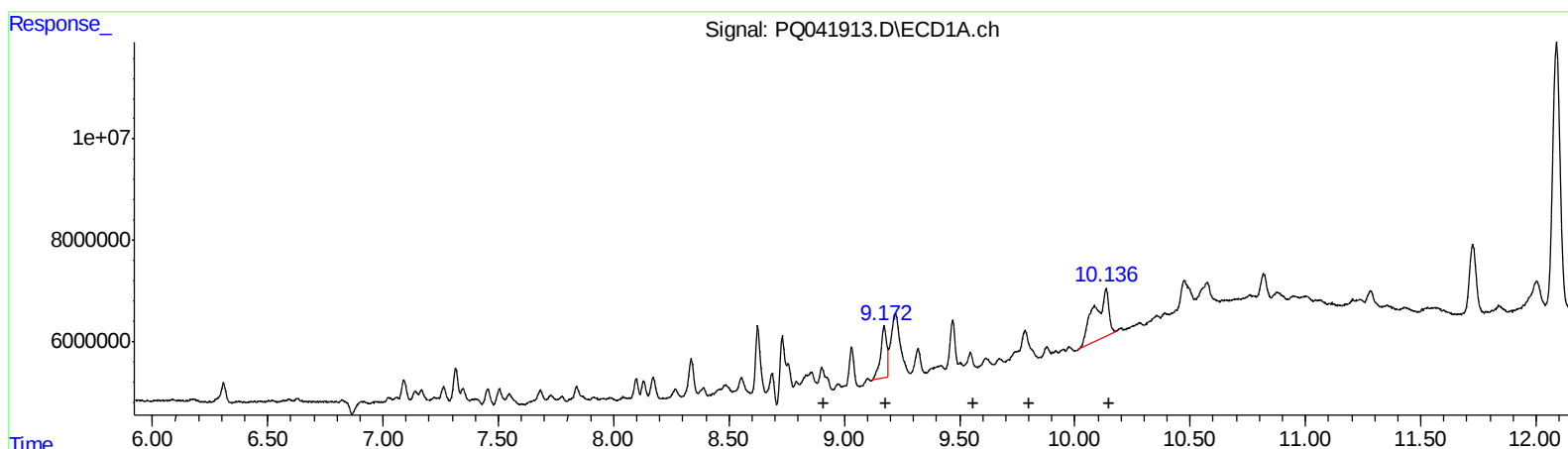
Instrument :
 ECD_Q
 ClientSampleId :
 BENT9

Manual Integrations
 APPROVED

Ankita
 8/2/2019 1:52:30 PM

Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(31) AR-1260-1 (L7)
 R.T. Response Conc
 0.00 0 0.00
 9.17 19309668 76.54
 0.00 0 0.00
 0.00 0 0.00
 10.14 42046948 62.42
 (31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 7.92 21204226 116.87
 8.12 10424278 42.49
 8.28 8392657 39.44
 8.78 7729768 38.21
 9.03 17110066 28.99

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:04
Operator : SM\AJ
Sample : K4029-20
Misc :
ALS Vial : 52 Sample Multiplier: 1

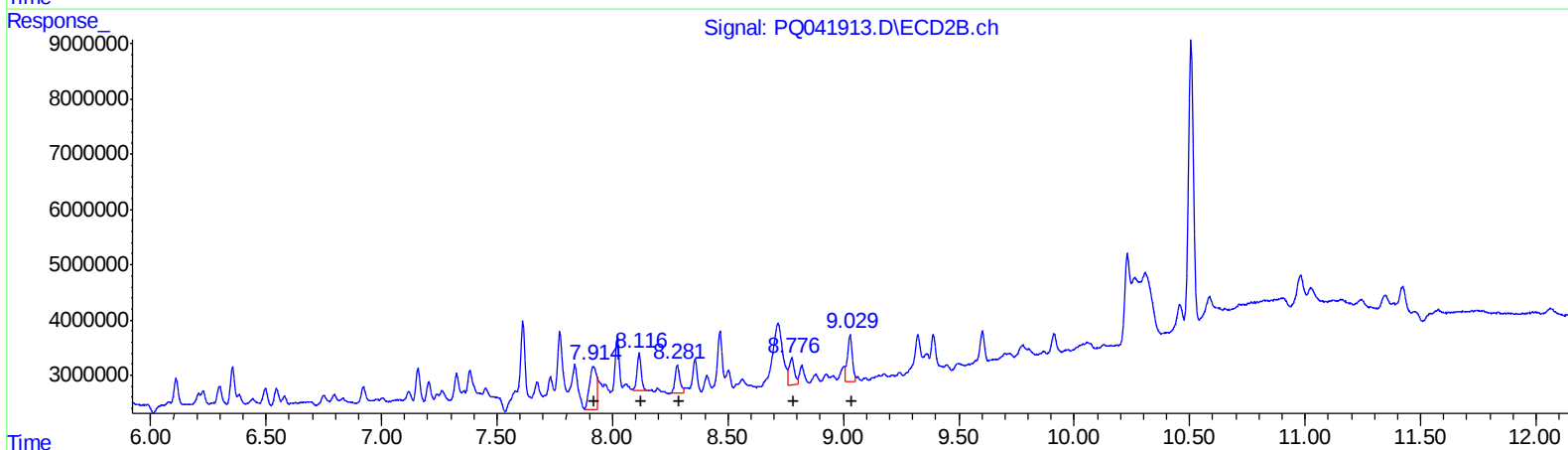
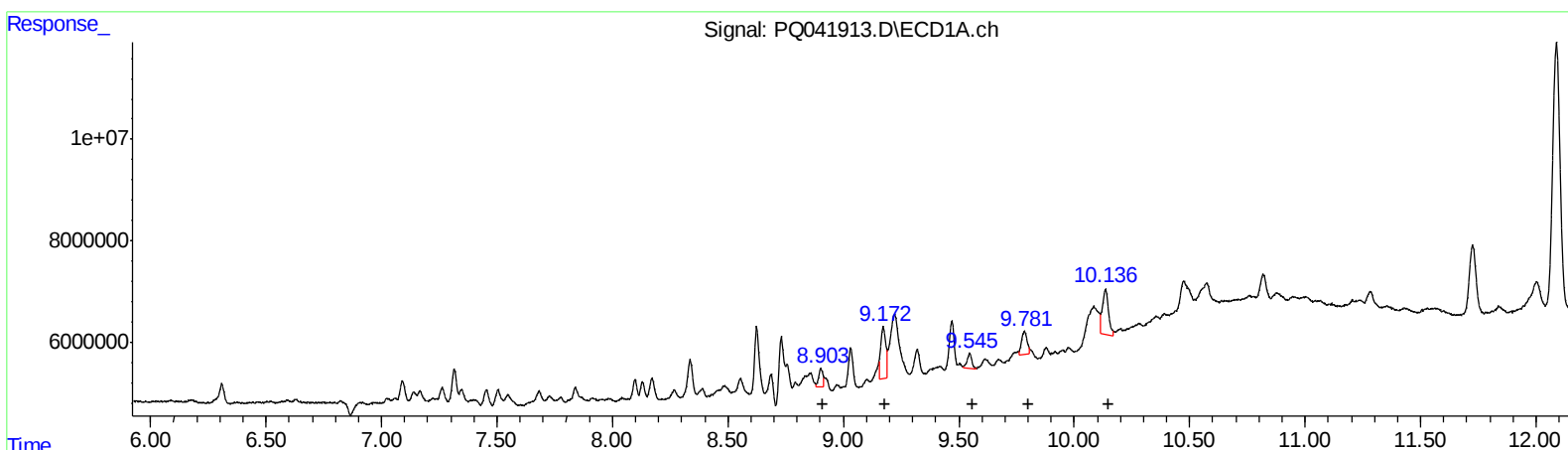
Instrument :
ECD_Q
ClientSampleId :
BENT9

Manual Integrations
APPROVED

Ankita
8/2/2019 1:52:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 07:15:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
8.90 4511705 25.36
9.17 16596198 65.79
9.55 4264939 18.61
9.78 7517650 29.44
10.14 16166811 24.00

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 16070464 88.58
8.12 8181415 33.35
8.28 7373393 34.65
8.78 7729768 38.21
9.03 12128630 20.55

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
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 Acq On : 01 Aug 2019 06:04
 Operator : SM\AJ
 Sample : K4029-20
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENT9

Manual Integrations
 APPROVED

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	5.695	4.754	19892822	16873149	8.674	8.755
2) SA Decachlor...	12.088	10.505	115.5E6	73870270	13.698m	15.271m

Target Compounds

21) L5 AR-1248-1	7.141	6.207	3078303	2198172	41.522m	33.153
22) L5 AR-1248-2	7.454	6.496	5015861	4260597	54.365m	48.867
23) L5 AR-1248-3	7.682	6.544	3934808	3853101	35.119m	43.169
24) L5 AR-1248-4	8.129	6.748	4200293	1758606	26.863m	15.967 #
25) L5 AR-1248-5	8.170	7.204	5648769	4349962	37.329m	33.938
26) L6 AR-1254-1	8.097	7.157	4735069	7211178	34.037m	39.430
27) L6 AR-1254-2	8.336	7.325	11324137	6595657	49.476m	40.746
28) L6 AR-1254-3	8.730	7.772	11011252	16410454	40.271m	56.900m#
29) L6 AR-1254-4	9.031	8.020	10277500	12244130	41.749m	56.406m#
30) L6 AR-1254-5	9.470	8.466	13124498	15710100	48.458m	52.233
31) L7 AR-1260-1	8.903	7.914	4511705	16070464	25.363m	88.577m#
32) L7 AR-1260-2	9.172	8.116	16596198	8181415	65.786m	33.348m#
33) L7 AR-1260-3	9.545	8.281	4264939	7373393	18.613m	34.653m#
34) L7 AR-1260-4	9.781	8.777	7517650	7729768	29.441m	38.211 #
35) L7 AR-1260-5	10.136	9.029	16166811	12128630	24.001m	20.550m

17
 08/12/19

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.