Quantitation Report (Qedit)

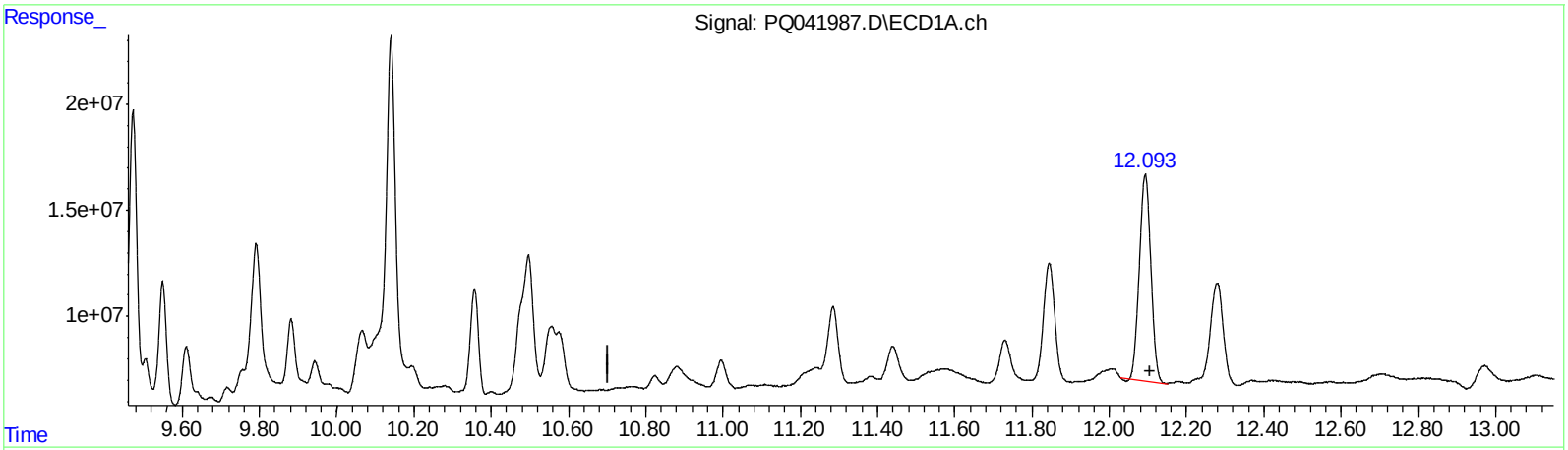
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

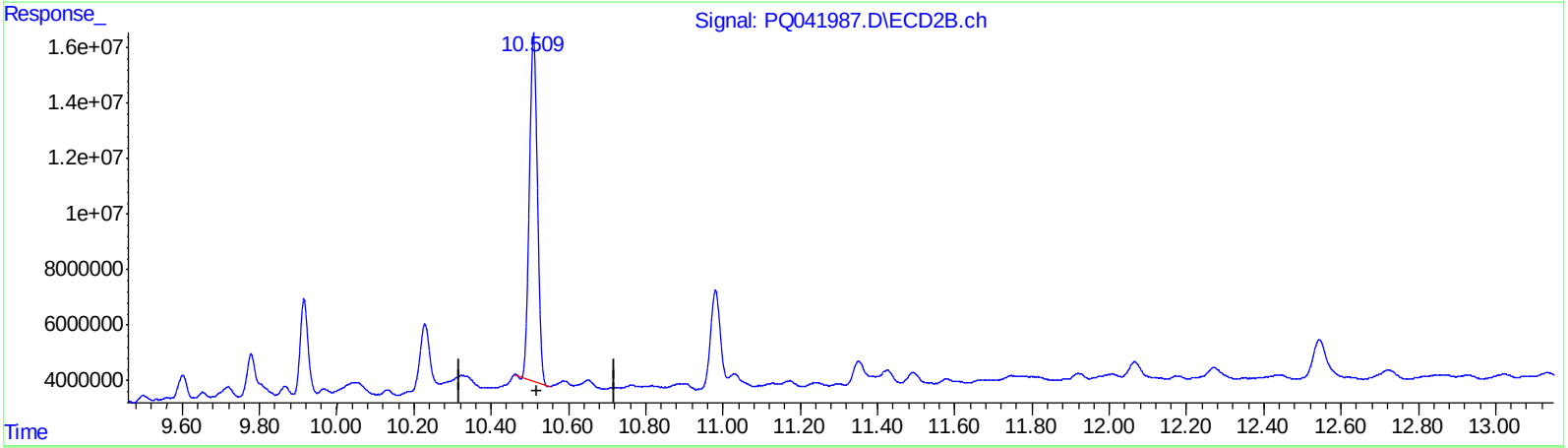
Instrument :
ECD_Q
ClientSampleId :
BENZ2MS

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:13 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)

12.094min 23.891 ng/ml

response 201429458

(2) Decachlorobiphenyl #2 (SA)

10.509min 37.524 ng/ml

response 181515167

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
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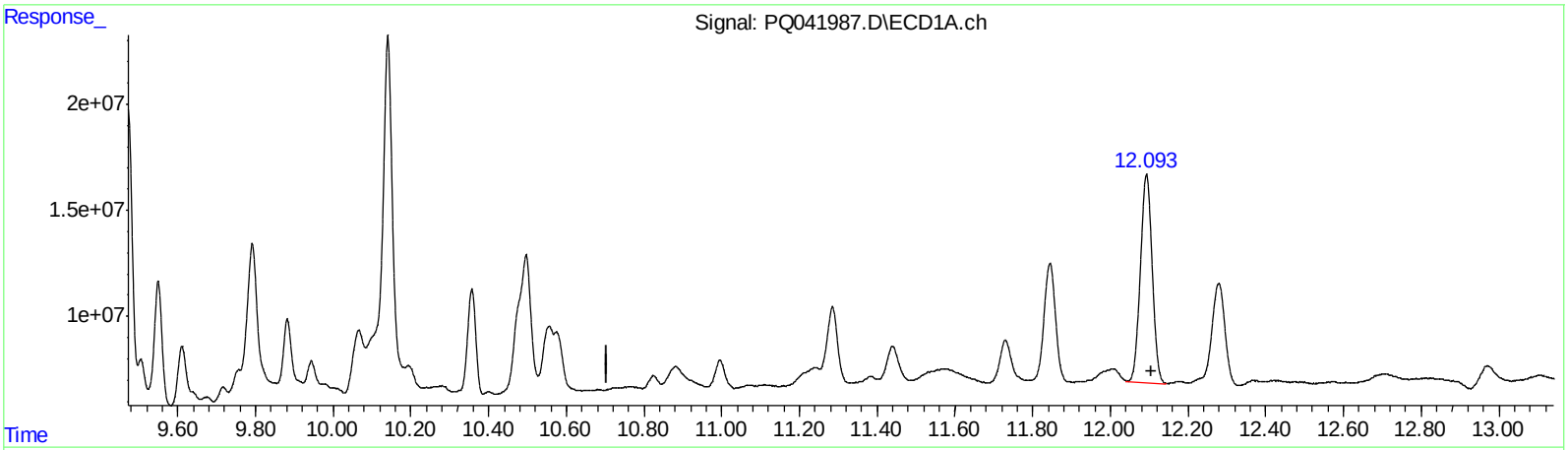
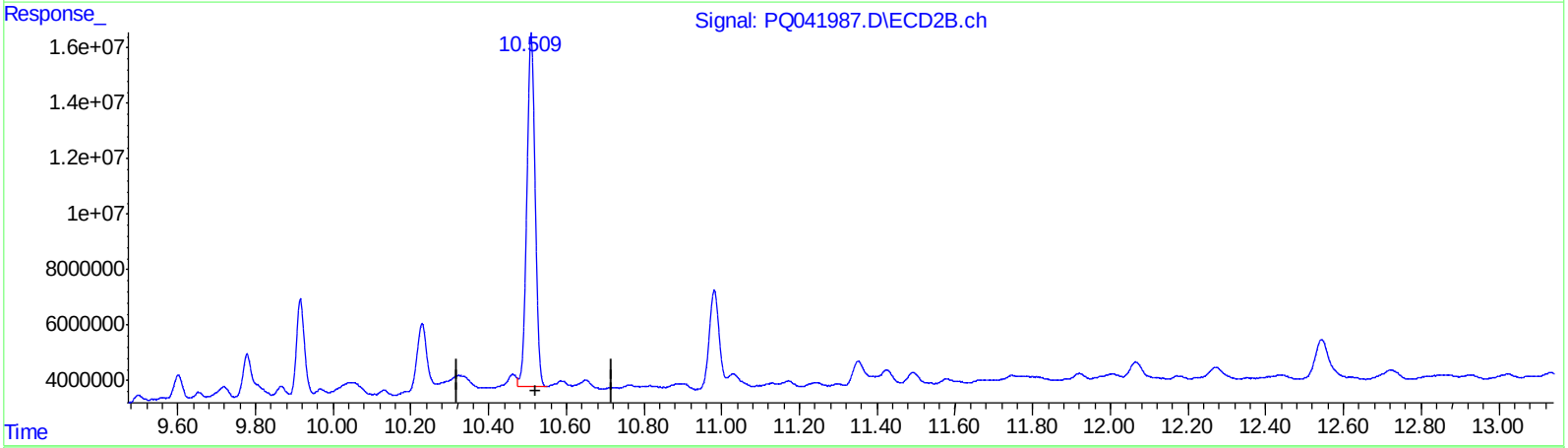




QEdit

(2) Decachlorobiphenyl (SA)

12.093min 24.582 ng/ml m

response 207258452

(2) Decachlorobiphenyl #2 (SA)

10.509min 39.212 ng/ml m

response 189684553

(+) = Expected Retention Time

Quantitation Report (Qedit)

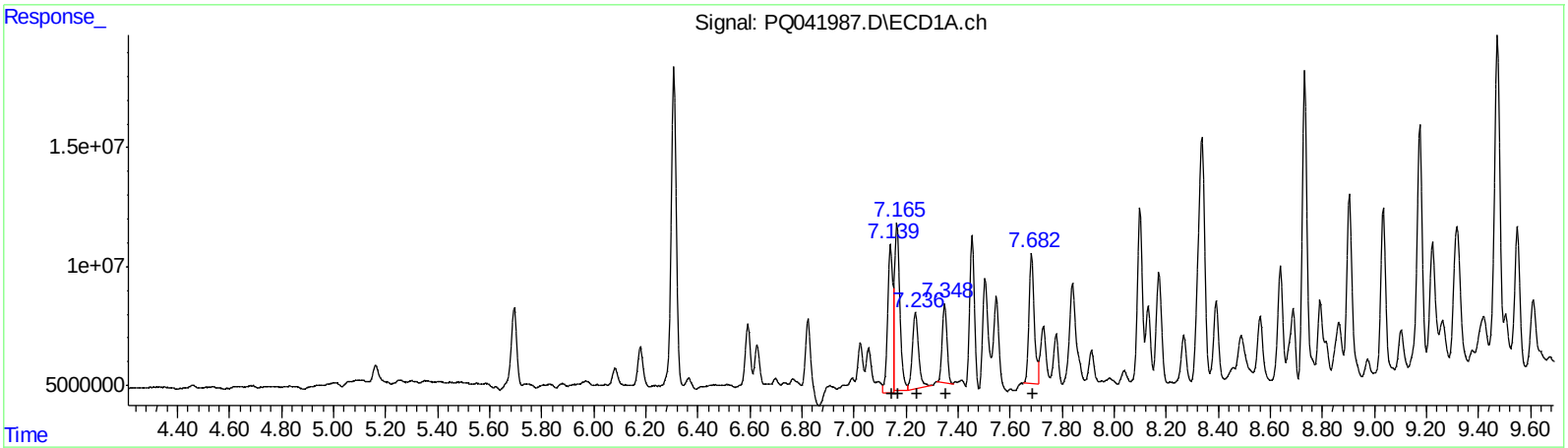
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

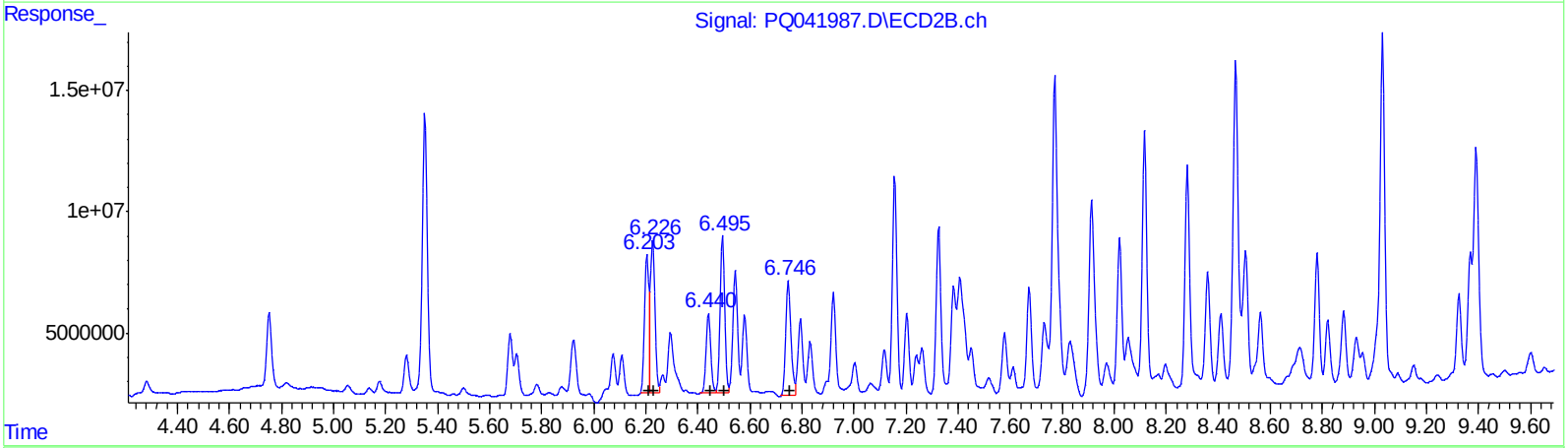
Instrument :
ECD_Q
ClientSampleId :
BENZ2MS

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:13 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

(3) AR-1016-1 (L1)

R.T.	Response	Conc
7.14	82528054	763.55
7.17	104156755	665.42
7.24	52927410	547.18
7.35	43035892	551.64
7.68	75769458	963.86

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
6.20	65292300	629.21
6.23	77748187	542.67
6.44	41232419	552.92
6.49	79019560	1274.30
6.75	66055747	811.46

(+) = Expected Retention Time

Quantitation Report (Qedit)

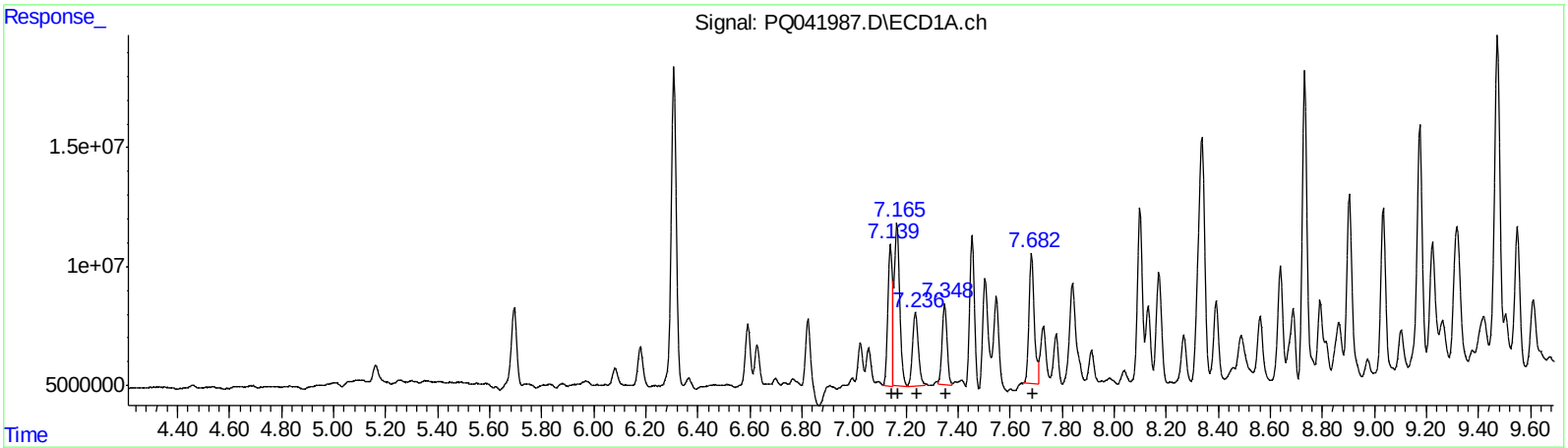
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

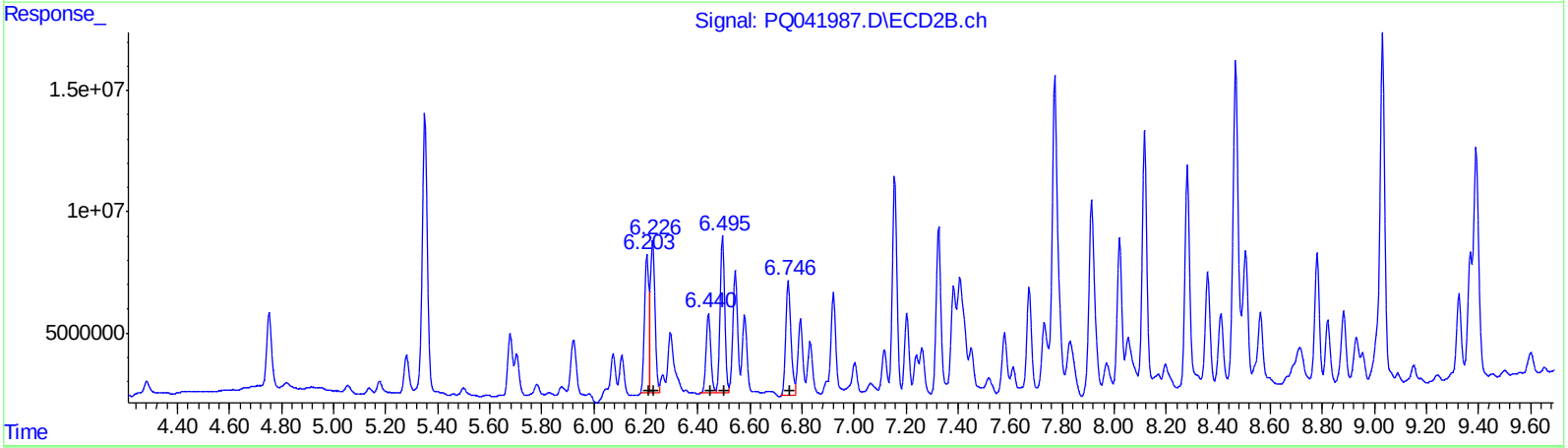
Instrument :
ECD_Q
ClientSampleId :
BENZ2MS

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:13 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

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
7.14	66561054	615.83
7.17	99296733	634.37
7.24	47449622	490.55
7.35	44761335	573.76
7.68	75769458	963.86

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
6.20	65292300	629.21
6.23	77748187	542.67
6.44	41232419	552.92
6.49	79019560	1274.30
6.75	66055747	811.46

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BENZ2MS

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:13 2019
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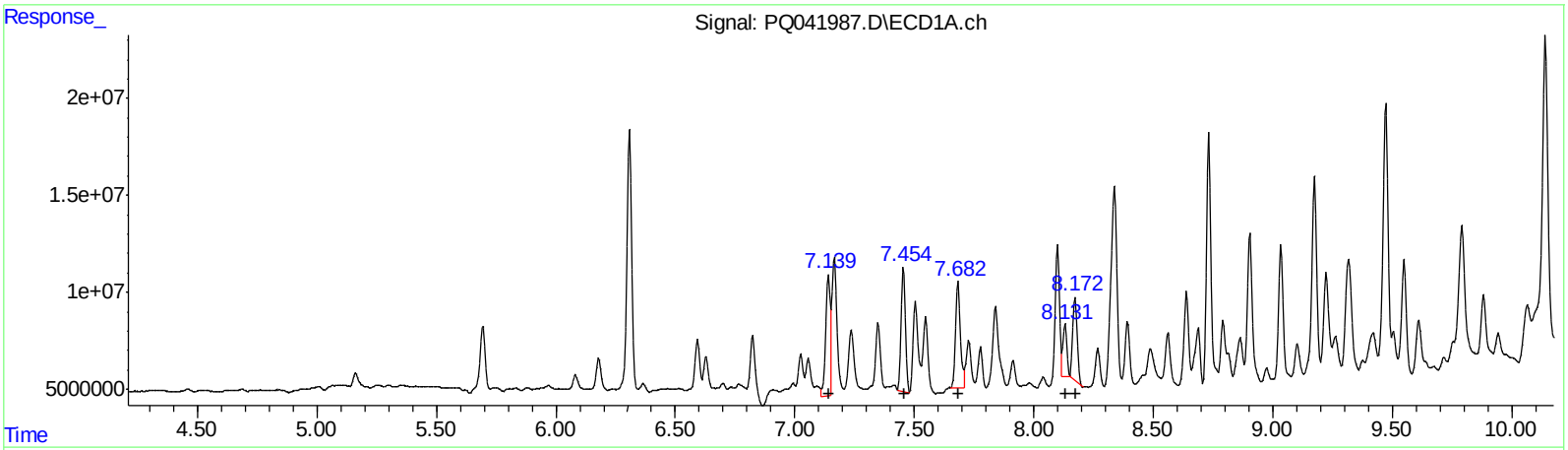
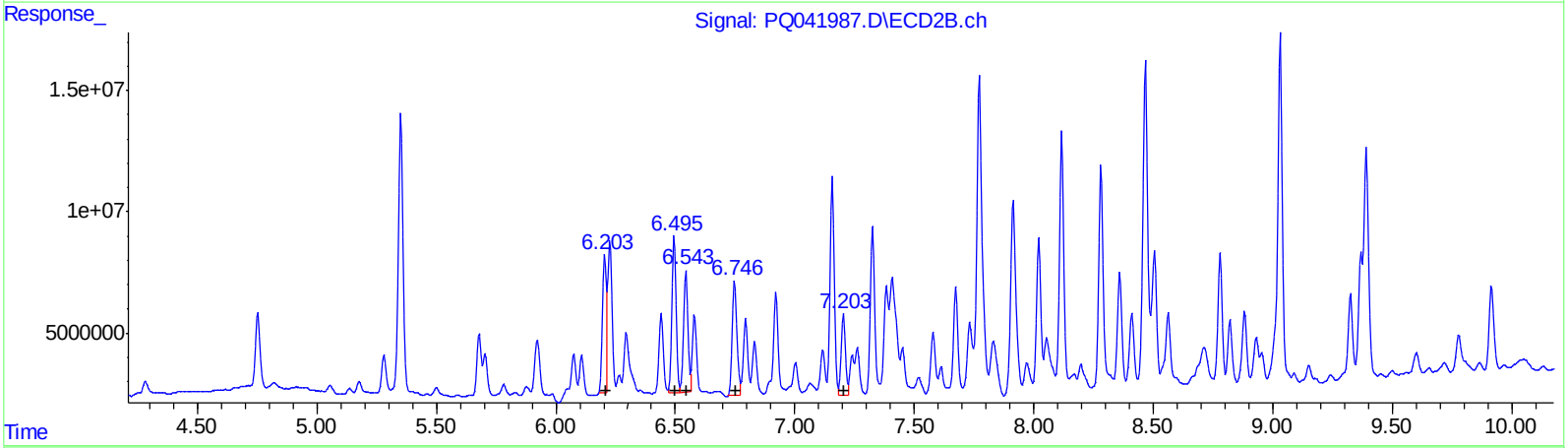
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

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 (L5)

R.T.	Response	Conc
7.14	82528054	1113.20
7.45	80779872	875.54
7.68	75769458	676.26
8.13	23507762	150.35
8.17	57022615	376.83

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

R.T.	Response	Conc
6.20	65292300	984.74
6.49	79019560	906.32
6.54	63411831	710.45
6.75	66055747	599.74
7.20	42271824	329.80

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BENZ2MS

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
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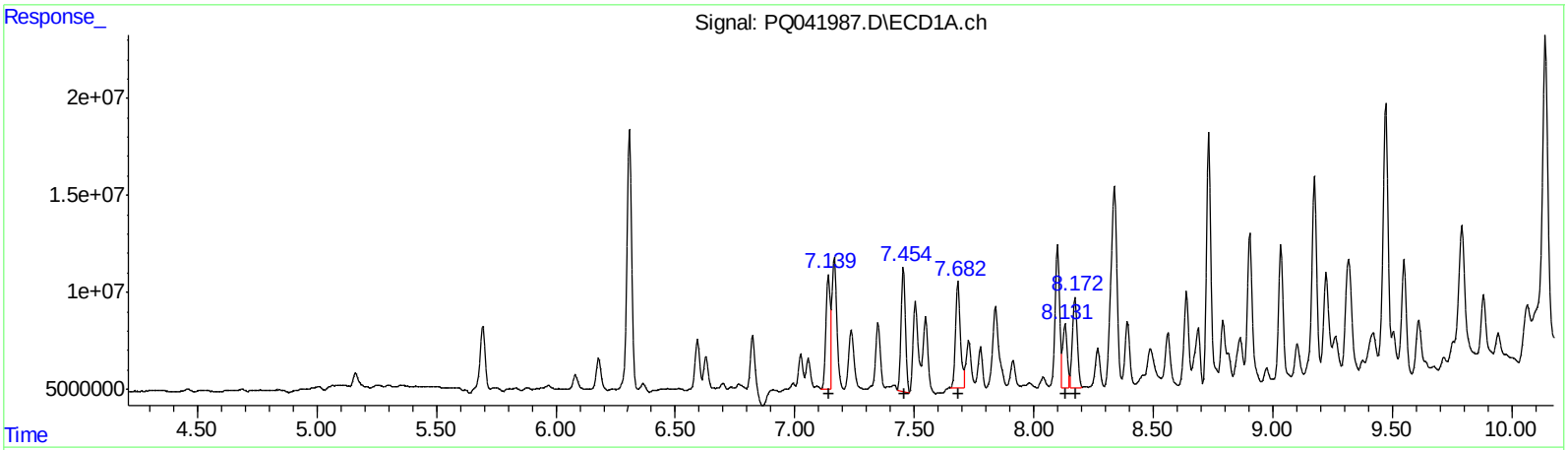
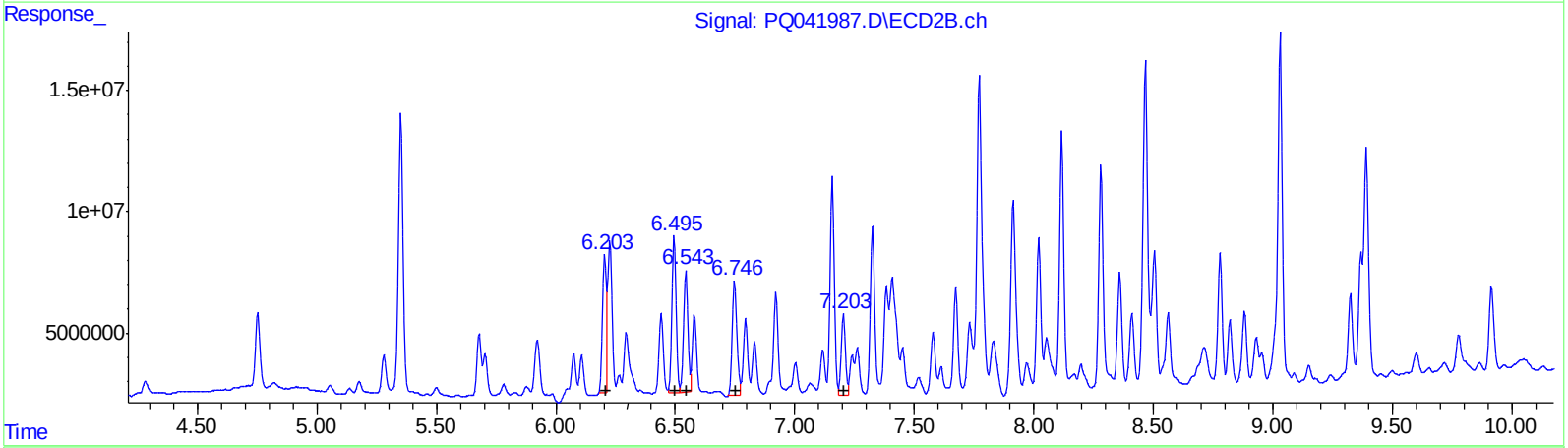
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

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	76640966	1033.79
7.45	80779872	875.54
7.68	75769458	676.26
8.13	42033828	268.83
8.17	67560596	446.47

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

R.T.	Response	Conc
6.20	65292300	984.74
6.49	79019560	906.32
6.54	63411831	710.45
6.75	66055747	599.74
7.20	42271824	329.80

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
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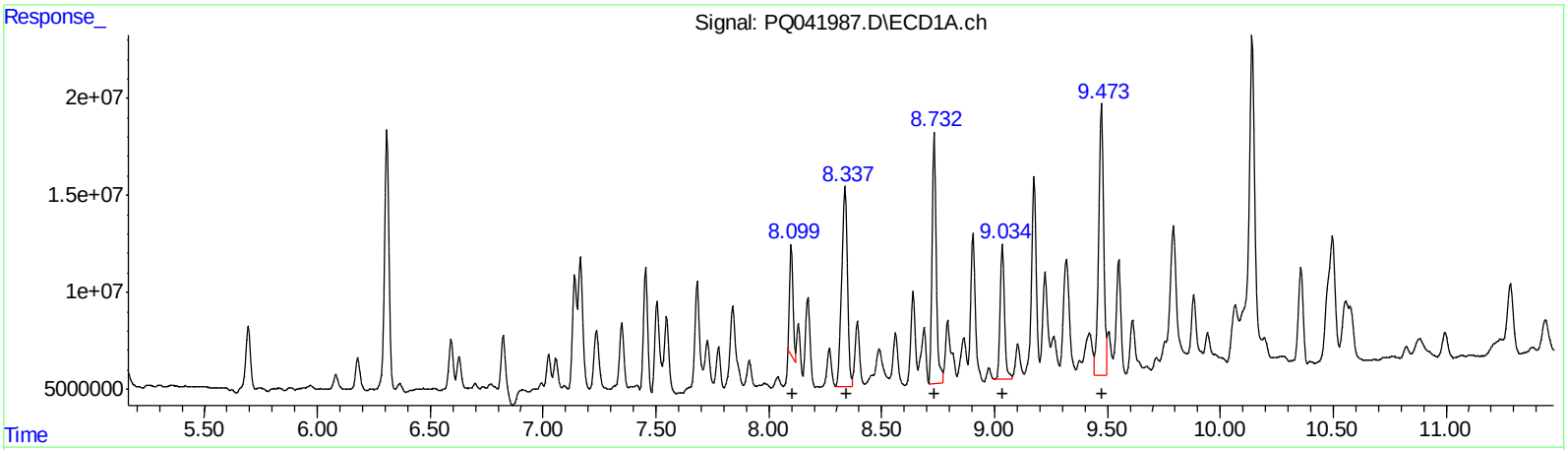

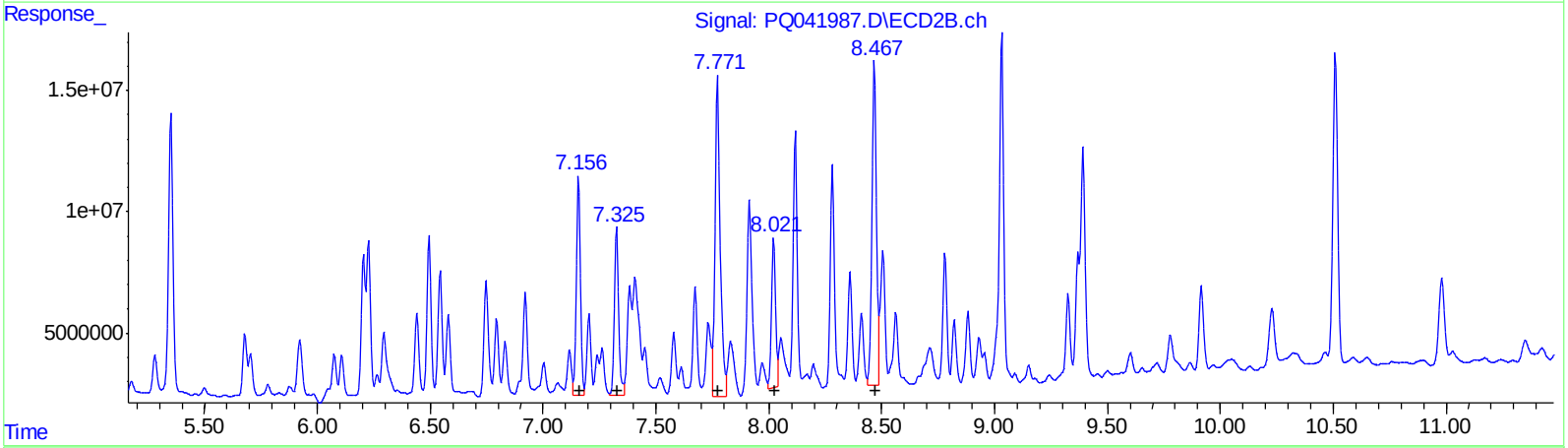

QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	59709749	429.21
8.34	183045084	799.73
8.73	165695188	605.99
9.03	92510104	375.79
9.47	214094598	790.47

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
7.16	112673938	616.09
7.33	91548891	565.57
7.77	206897058	717.38
8.02	77745822	358.16
8.47	184264001	612.64

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
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ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations APPROVED
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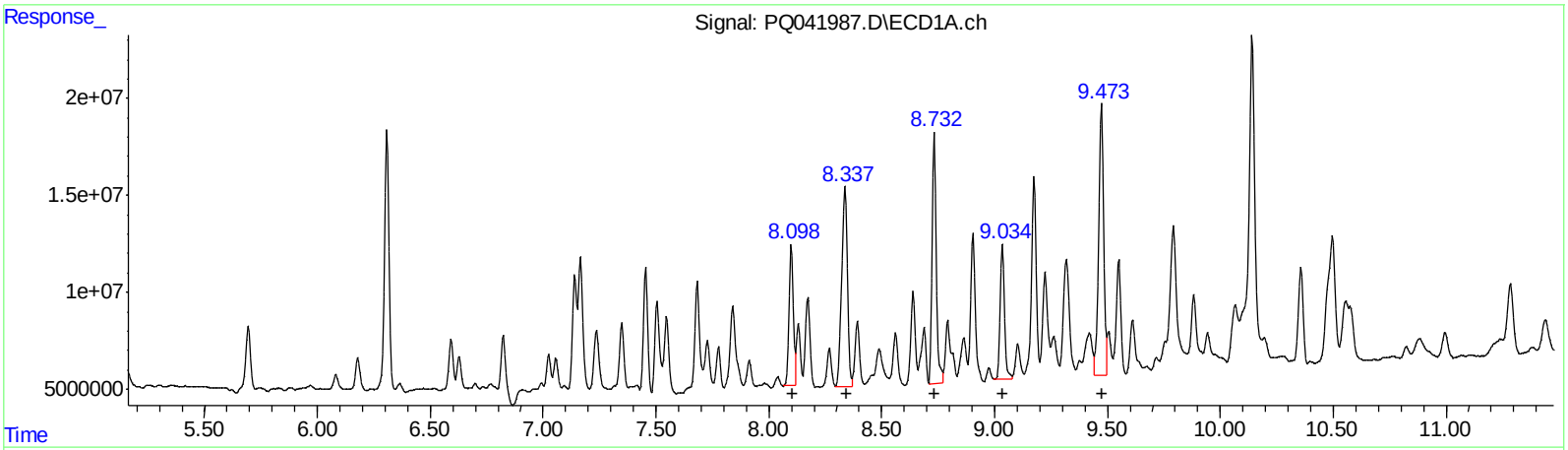
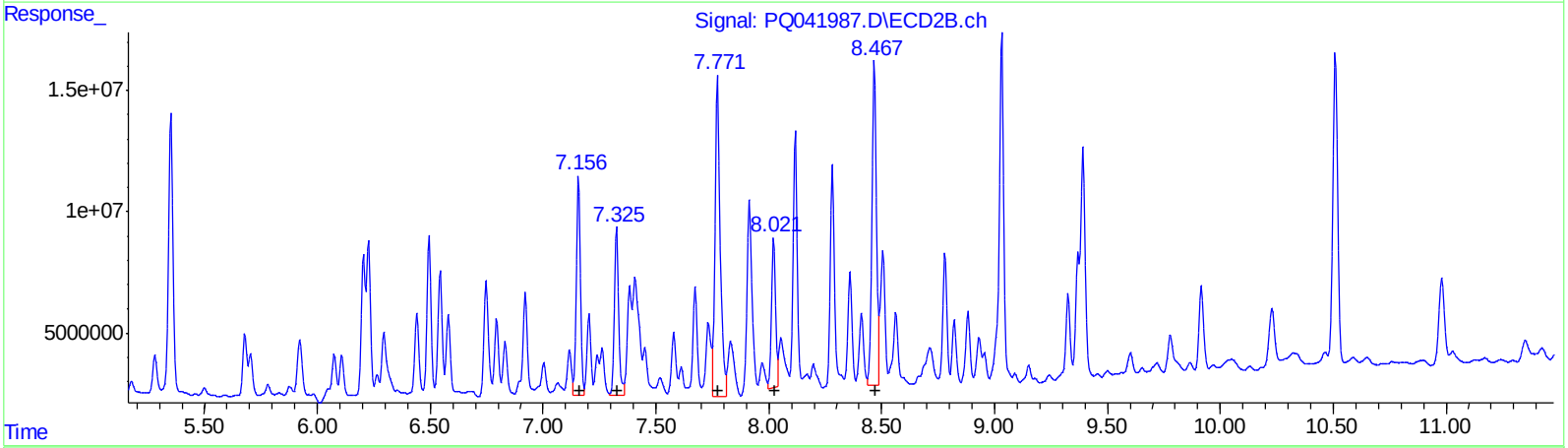
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
8.10	94914153	682.27
8.34	183045084	799.73
8.73	165695188	605.99
9.03	92510104	375.79
9.47	214094598	790.47

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
7.16	112673938	616.09
7.33	91548891	565.57
7.77	206897058	717.38
8.02	77745822	358.16
8.47	184264001	612.64

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
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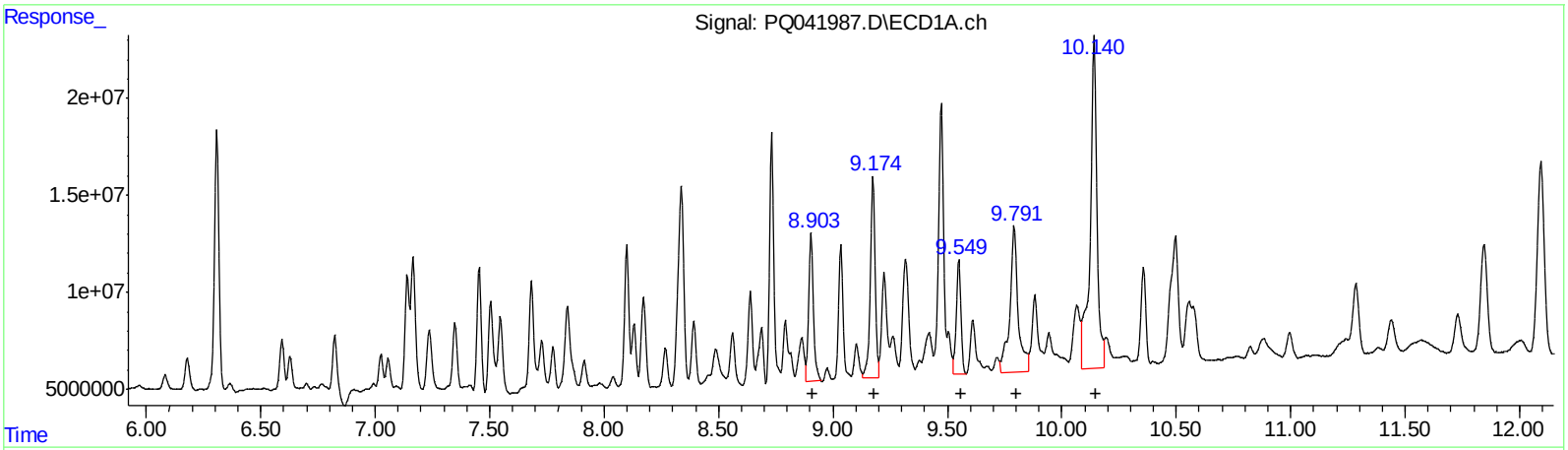
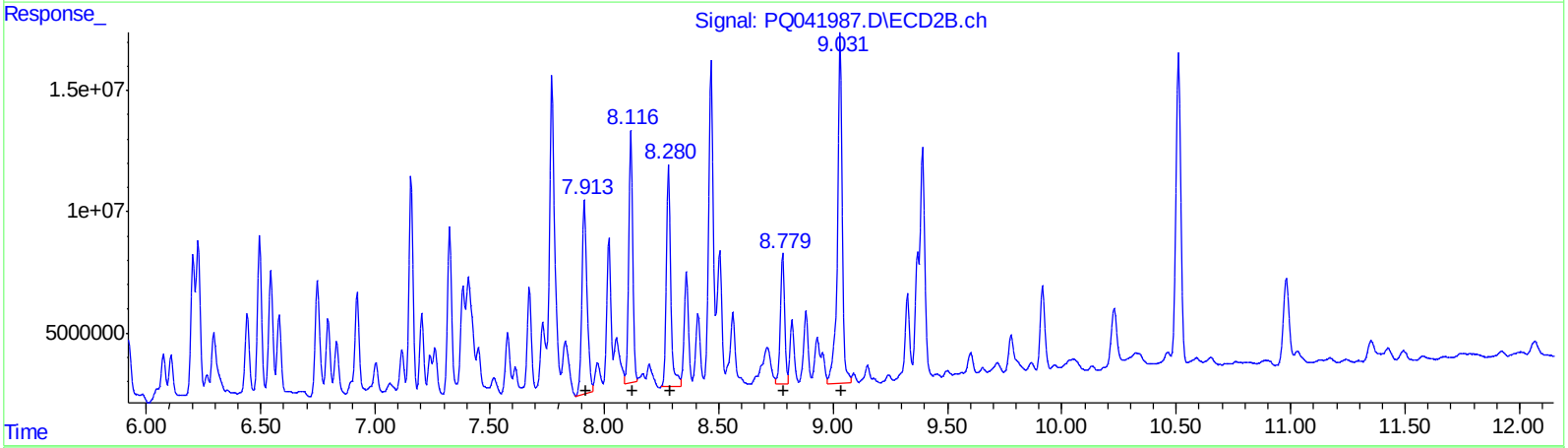
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.90	106919557	601.06
9.17	152609089	604.93
9.55	83516532	364.49
9.79	188706937	739.04
10.14	358821505	532.70

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
7.91	124113631	684.09
8.12	125272536	510.62
8.28	121176095	569.50
8.78	69403862	343.09
9.03	206337108	349.61

(+) = Expected Retention Time

Quantitation Report (Qedit)

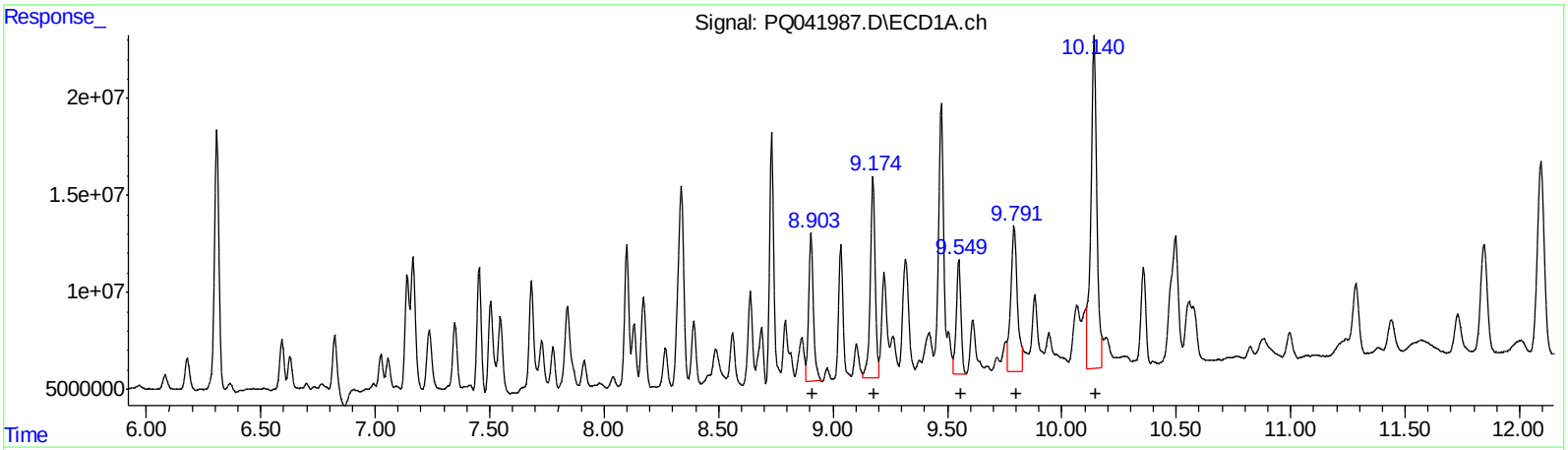
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

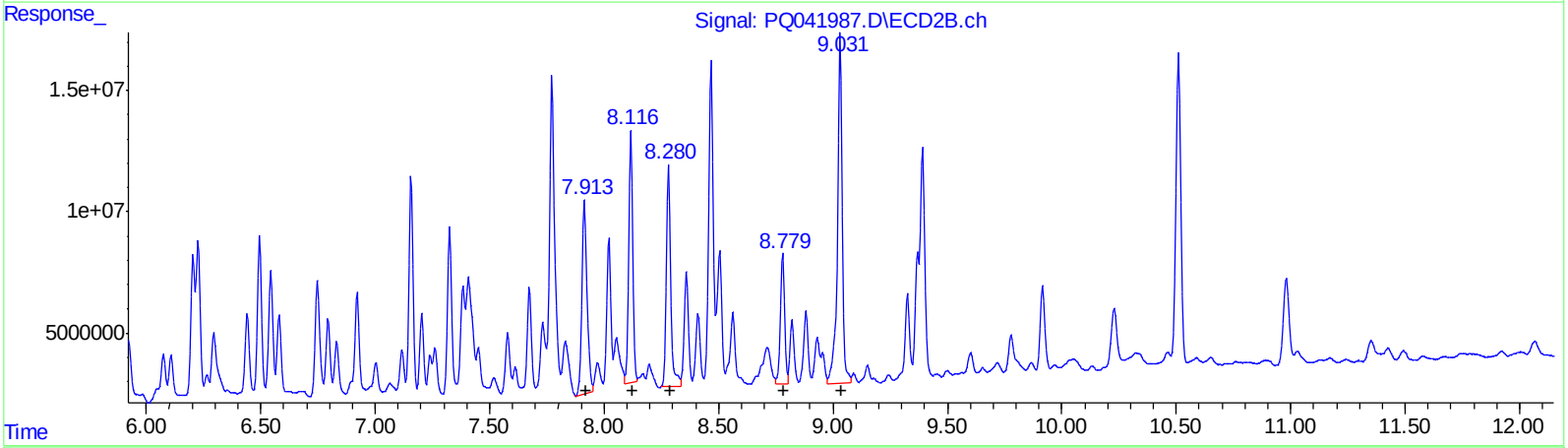
Instrument :
ECD_Q
ClientSampleId :
BENZ2MS

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:13 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	106919557	601.06
9.17	152609089	604.93
9.55	83516532	364.49
9.79	152297589	596.44
10.14	312875367	464.49

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
7.91	124113631	684.09
8.12	125272536	510.62
8.28	121176095	569.50
8.78	69403862	343.09
9.03	206337108	349.61

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 15:51
Operator : SM\AJ
Sample : K4028-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:13 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

Instrument :
ECD_Q
ClientSampleId :
BENZ2MS

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:32 PM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.694	4.752	45498230	39841195	19.839	20.673
2)	SA Decachlor...	12.093	10.509	207.3E6	189.7E6	24.582m	39.212m#
	Target Compounds						
3)	L1 AR-1016-1	7.139	6.204	66561054	65292300	615.827m	629.206
4)	L1 AR-1016-2	7.165	6.226	99296733	77748187	634.372m	542.672
5)	L1 AR-1016-3	7.236	6.441	47449622	41232419	490.547m	552.921
6)	L1 AR-1016-4	7.348	6.495	44761335	79019560	573.759m	1274.297 #
7)	L1 AR-1016-5	7.683	6.747	75769458	66055747	963.863	811.462
21)	L5 AR-1248-1	7.139	6.204	76640966	65292300	1033.788m	984.743
22)	L5 AR-1248-2	7.454	6.495	80779872	79019560	875.537	906.316
23)	L5 AR-1248-3	7.683	6.544	75769458	63411831	676.264	710.451
24)	L5 AR-1248-4	8.131	6.747	42033828	66055747	268.830m	599.736 #
25)	L5 AR-1248-5	8.172	7.203	67560596	42271824	446.465m	329.799 #
26)	L6 AR-1254-1	8.098	7.156	94914153	112.7E6	682.273m	616.093
27)	L6 AR-1254-2	8.337	7.325	183.0E6	91548891	799.733	565.566 #
28)	L6 AR-1254-3	8.732	7.772	165.7E6	206.9E6	605.995	717.379
29)	L6 AR-1254-4	9.034	8.021	92510104	77745822	375.790	358.156
30)	L6 AR-1254-5	9.473	8.467	214.1E6	184.3E6	790.468	612.645
31)	L7 AR-1260-1	8.904	7.913	106.9E6	124.1E6	601.059	684.087
32)	L7 AR-1260-2	9.175	8.117	152.6E6	125.3E6	604.931	510.617
33)	L7 AR-1260-3	9.549	8.281	83516532	121.2E6	364.488	569.497 #
34)	L7 AR-1260-4	9.791	8.780	152.3E6	69403862	596.445m	343.092 #
35)	L7 AR-1260-5	10.140	9.031	312.9E6	206.3E6	464.488m	349.605

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

AJ
08/12/19