Quantitation Report (Qedit)

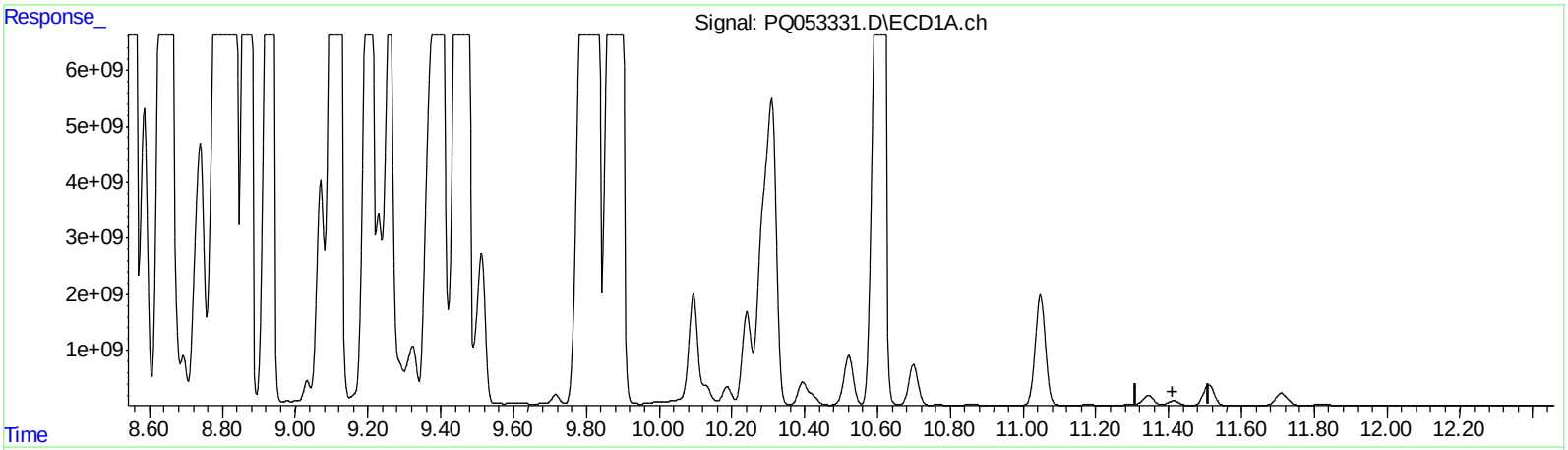
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

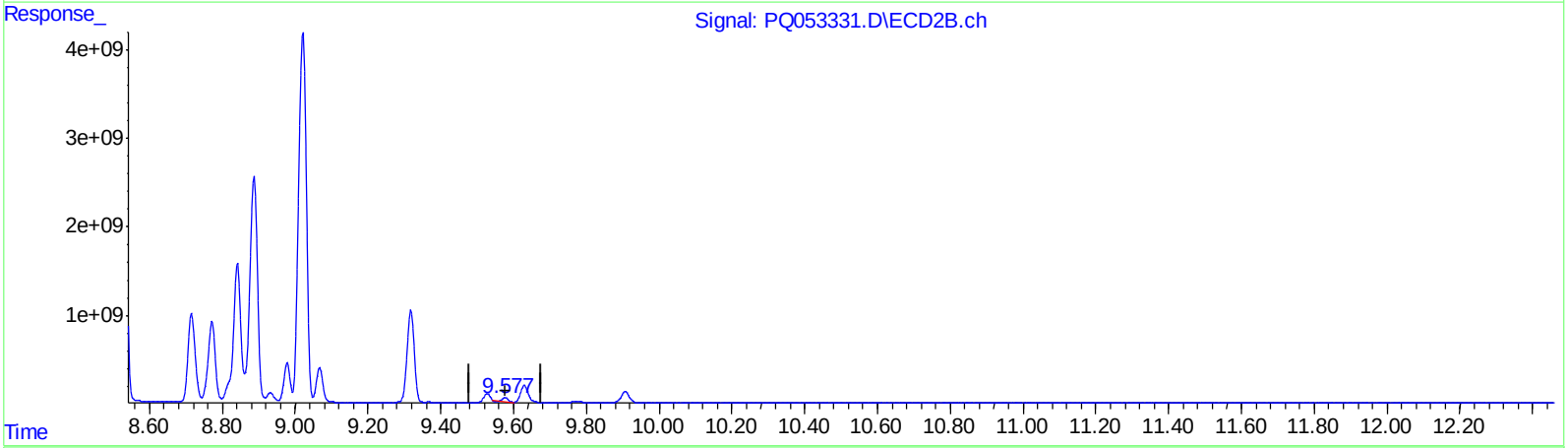
Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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)

11.413min -38.593 ng/ml

response -1091504259

(2) Decachlorobiphenyl #2 (SA)

9.576min 21.141 ng/ml

response 263129518

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
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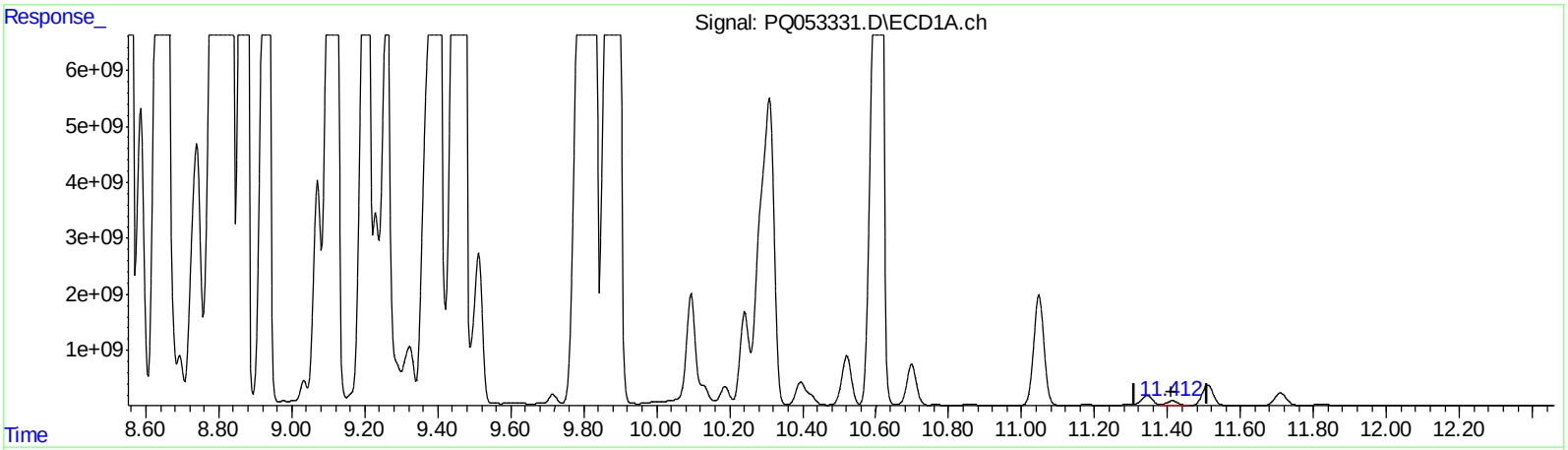
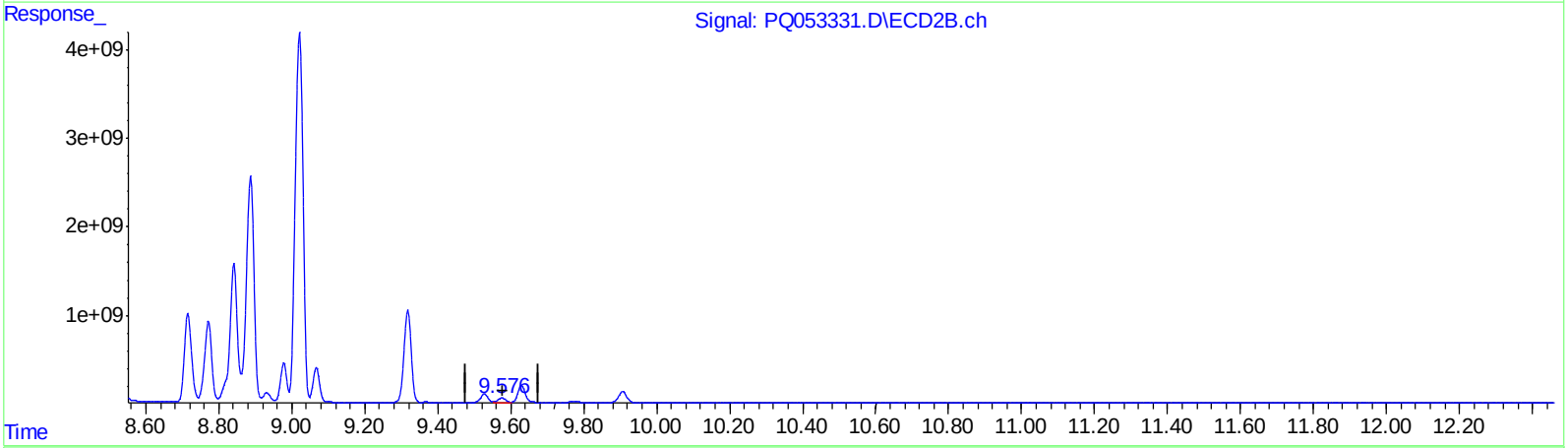




QEdit

(2) Decachlorobiphenyl (SA)

11.412min 61.454 ng/ml m

response 1738056796

(2) Decachlorobiphenyl #2 (SA)

9.576min 55.901 ng/ml m

response 695752453

(+) = Expected Retention Time

Quantitation Report (Qedit)

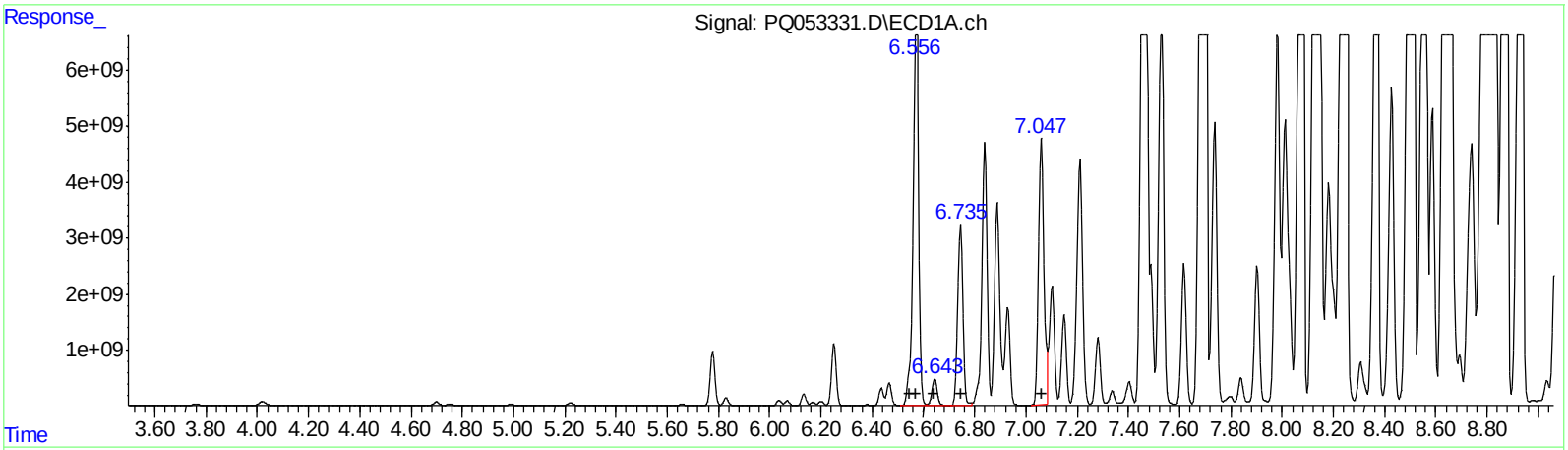
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

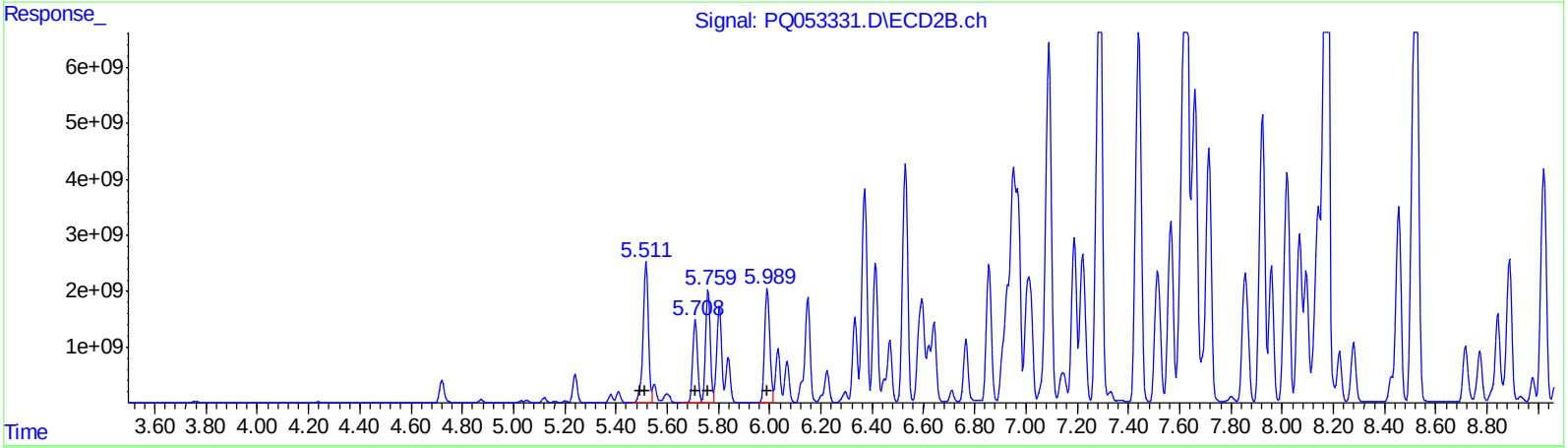
Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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
6.58	54786875385	56232.06
6.58	54786875385	37677.49
6.64	6844910765	7785.73
6.75	38831324158	53604.61
7.07	47626140528	68954.28

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

R.T.	Response	Conc
5.52	34553803615	78459.12
5.52	34553803615	54614.95
5.71	19207154146	58243.74
5.76	25666388827	98465.28
5.99	28976527922	87191.85

(+) = Expected Retention Time

Quantitation Report (Qedit)

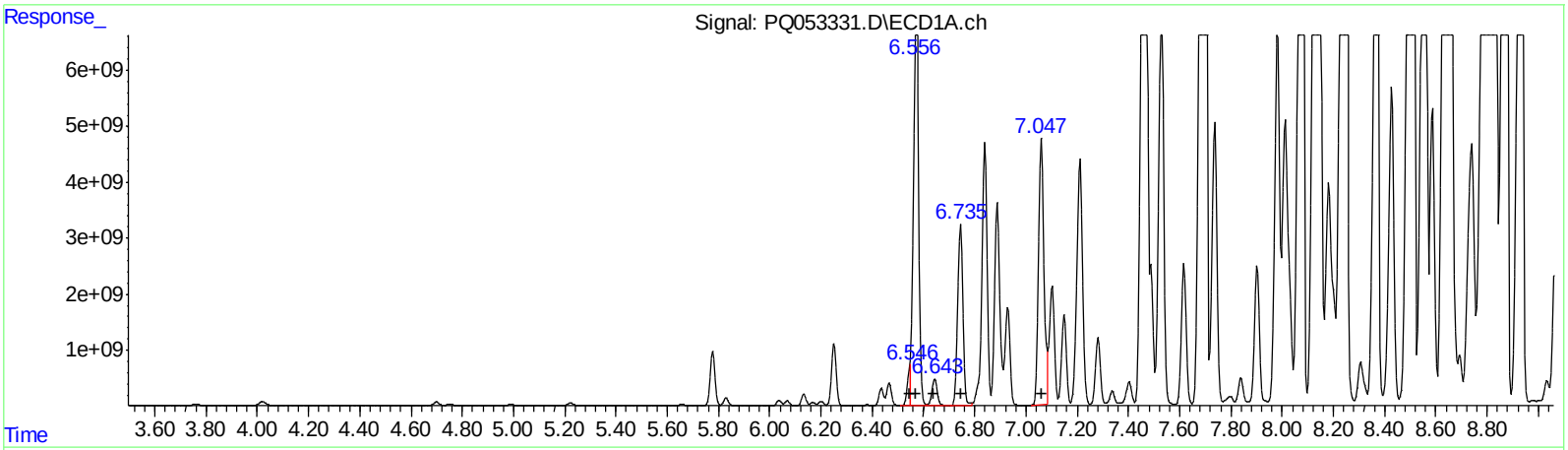
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

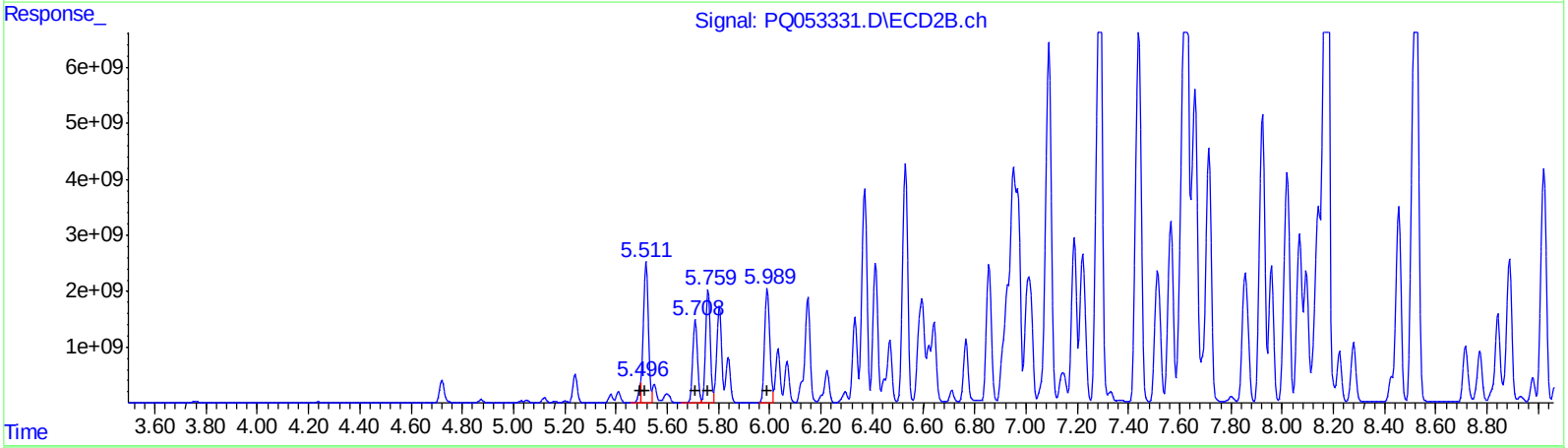
Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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
6.55	4617859979	4739.67
6.56	50021188012	34400.07
6.64	6844910765	7785.73
6.75	38831324158	53604.61
7.07	47626140528	68954.28

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

R.T.	Response	Conc
5.50	1971123869	4475.71
5.51	32584777631	51502.76
5.71	19207154146	58243.74
5.76	25666388827	98465.28
5.99	28976527922	87191.85

(+) = Expected Retention Time

Quantitation Report (Qedit)

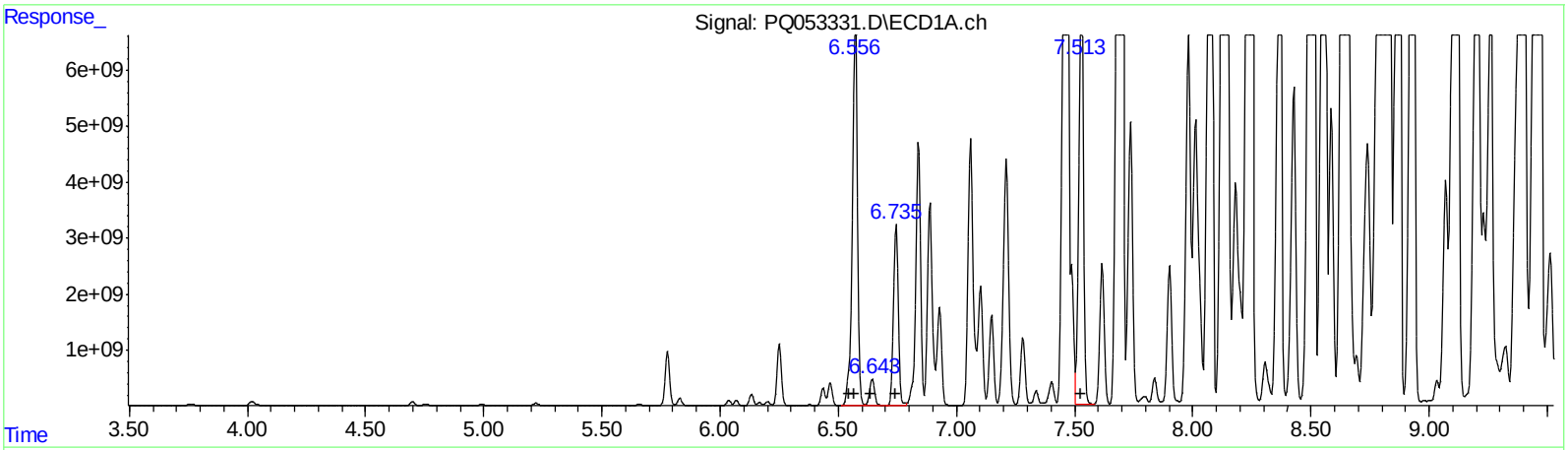
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

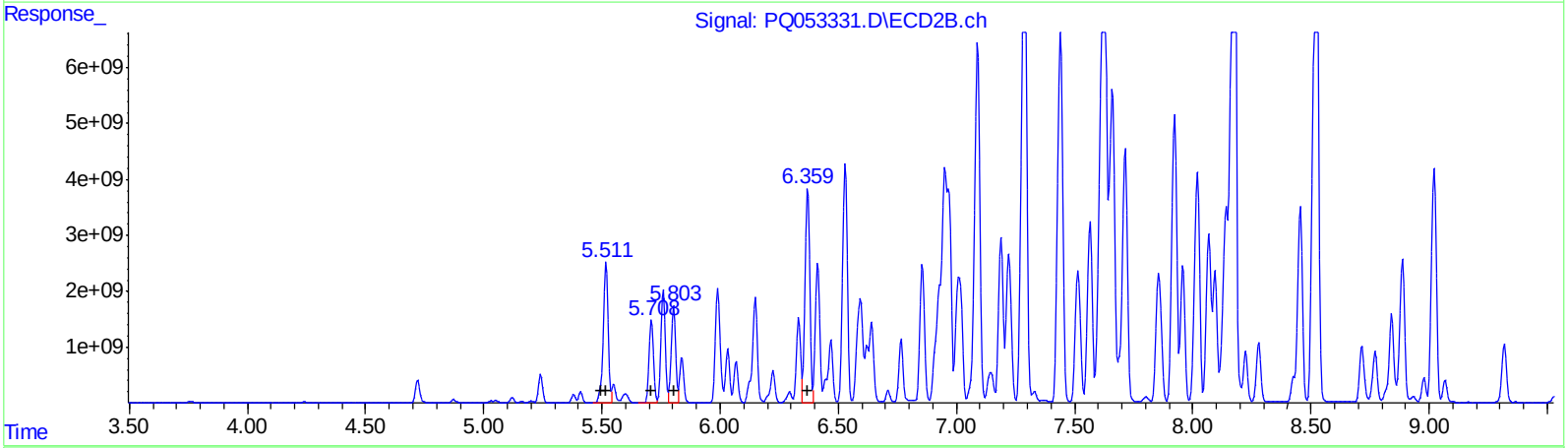
Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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

(16) AR-1242-1 (L4)

R.T.	Response	Conc
6.58	54786875385	60419.51
6.58	54786875385	40339.90
6.64	6844910765	8294.40
6.75	38831324158	56679.22
7.53	47104294642	64569.49

(16) AR-1242-1 #2 (L4)

R.T.	Response	Conc
5.52	34553803615	86205.11
5.52	34553803615	59240.63
5.71	19207154146	63402.40
5.80	22633741450	79570.37
6.38	39791119586	100438.92

(+) = Expected Retention Time

Quantitation Report (Qedit)

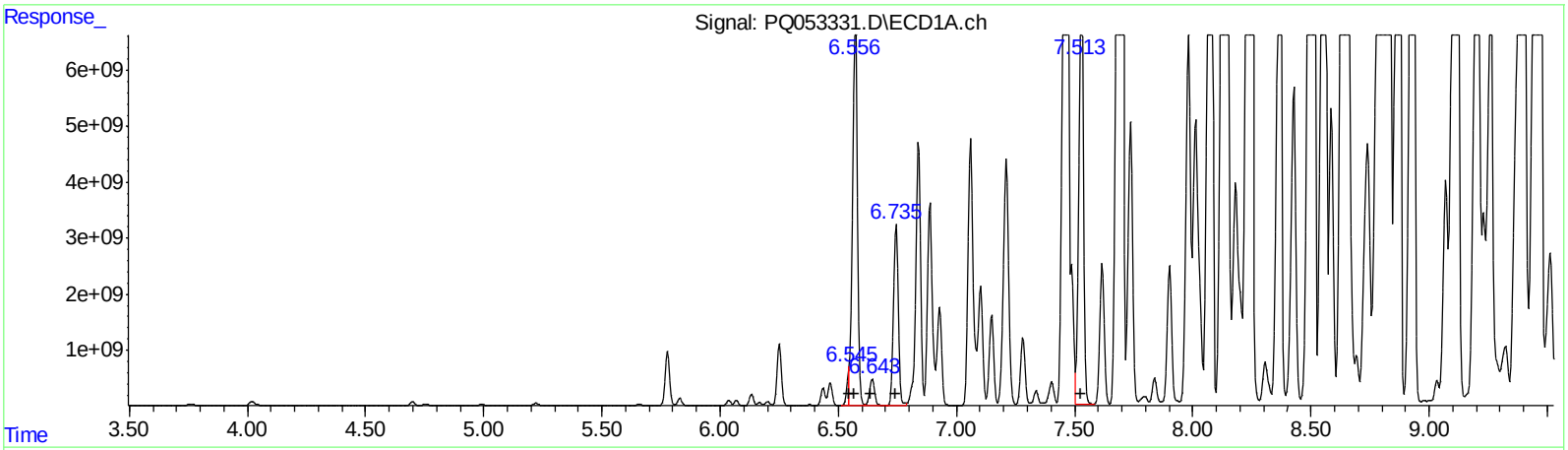
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

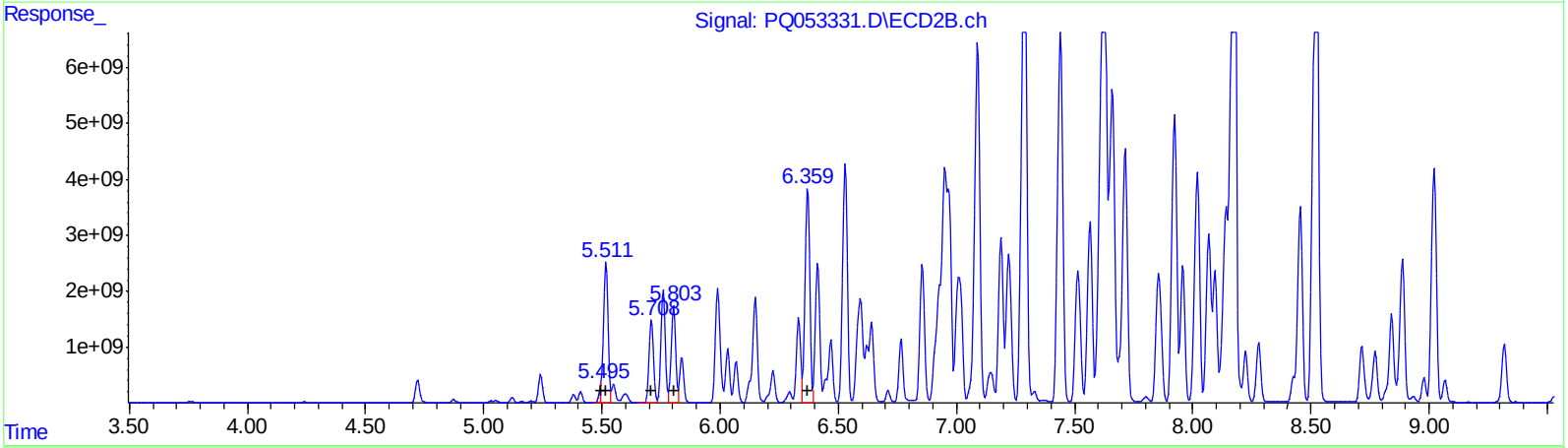
Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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

(16) AR-1242-1 #2 (L4)

R.T.	Response	Conc
6.55	4167716483	4596.20
6.56	50639250890	37285.98
6.64	6844910765	8294.40
6.75	38831324158	56679.22
7.53	47104294642	64569.49

(16) AR-1242-1 #2 (L4)

R.T.	Response	Conc
5.50	1818897740	4537.80
5.51	32705820187	56072.36
5.71	19207154146	63402.40
5.80	22633741450	79570.37
6.38	39791119586	100438.92

(+) = Expected Retention Time

Quantitation Report (Qedit)

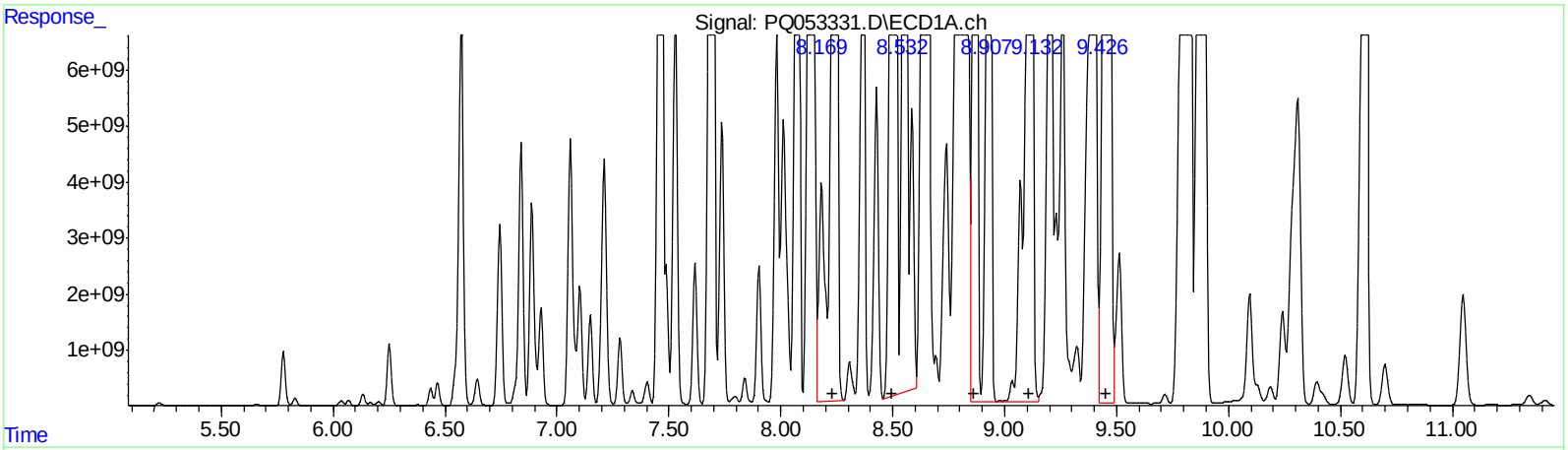
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

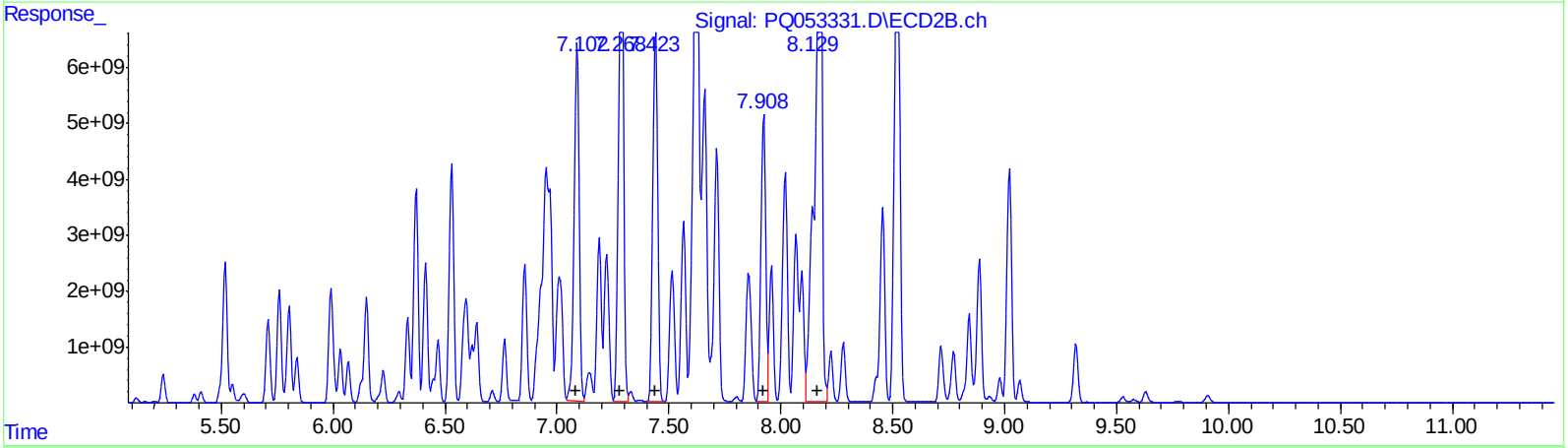
Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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
8.25	1.16694e+011	101359.29
8.52	1.44501e+011	103712.62
8.93	17443798200	16292.01
9.12	1.07758e+011	88990.52
9.47	83119145913	32484.55

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

R.T.	Response	Conc
7.09	53218553100	82123.25
7.29	55223346416	59574.89
7.45	51698938421	66441.87
7.93	46062710580	67848.06
8.18	93442577519	50507.33

(+) = Expected Retention Time

Quantitation Report (Qedit)

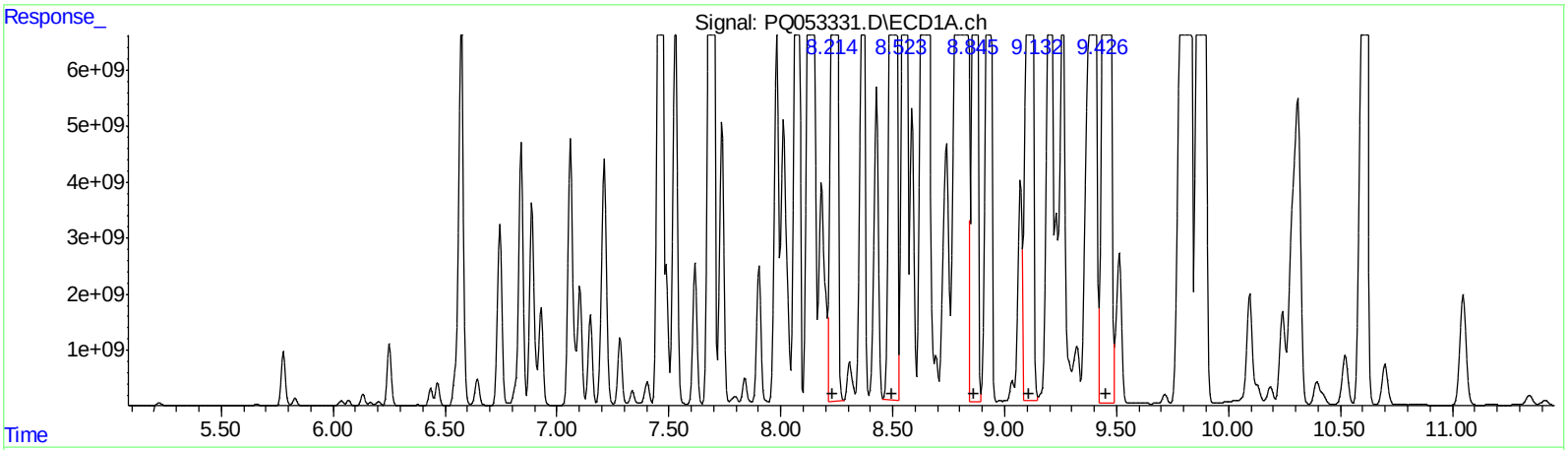
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

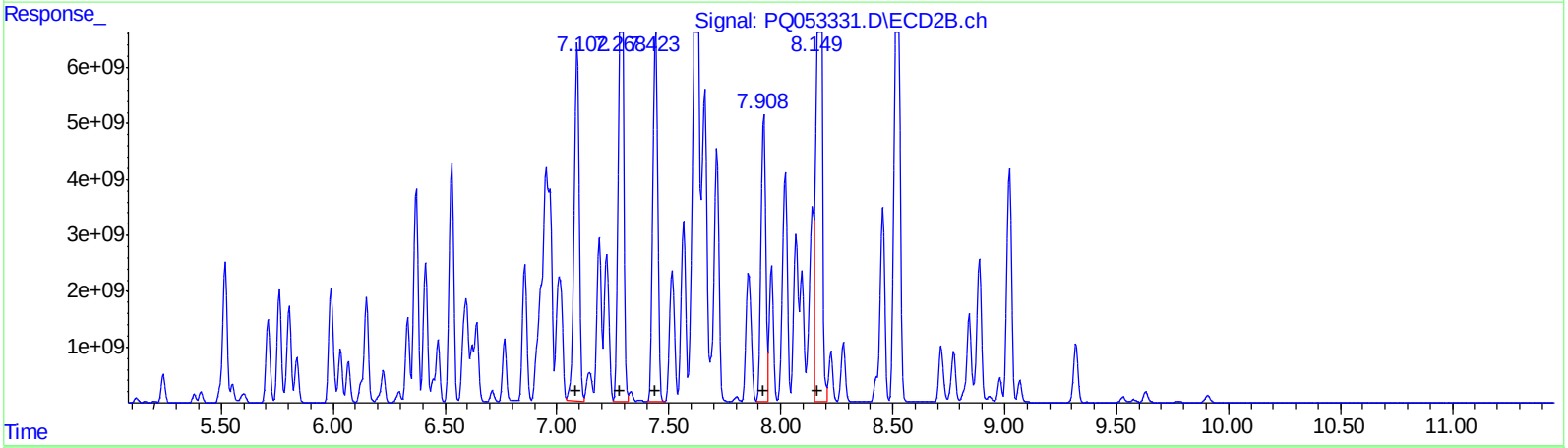
Instrument :
ECD_Q
ClientSampleId :
C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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
8.21	62972646697	54697.35
8.52	65754957670	47194.16
8.84	52113664443	48672.67
9.13	65892050837	54416.06
9.47	83119145913	32484.55

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

R.T.	Response	Conc
7.09	53218553100	82123.25
7.29	55223346416	59574.89
7.45	51698938421	66441.87
7.93	46062710580	67848.06
8.15	57038263383	30830.17

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:25
Operator : DD\AJ
Sample : M2240-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:37 2021
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Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
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 : C0B64MSD

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:52 PM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.221	4.238	679.4E6	206.5E6	24.213	17.756 #
2)	SA Decachlor...	11.412	9.576	1738.1E6	695.8E6	61.454m	55.901m
	Target Compounds						
3)	L1 AR-1016-1	6.546	5.496	4617.9E6	1971.1E6	4739.672m	4475.705m
4)	L1 AR-1016-2	6.556	5.511	50021.2E6	32584.8E6	34400.074m	51502.757m#
5)	L1 AR-1016-3	6.644	5.709	6844.9E6	19207.2E6	7785.725	58243.740 #
6)	L1 AR-1016-4	6.748	5.759	38831.3E6	25666.4E6	53604.611	98465.284 #
7)	L1 AR-1016-5	7.067	5.990	47626.1E6	28976.5E6	68954.278	87191.851 #
16)	L4 AR-1242-1	6.545	5.495	4167.7E6	1818.9E6	4596.199m	4537.801m
17)	L4 AR-1242-2	6.556	5.511	50639.3E6	32705.8E6	37285.983m	56072.360m#
18)	L4 AR-1242-3	6.644	5.709	6844.9E6	19207.2E6	8294.398	63402.403 #
19)	L4 AR-1242-4	6.748	5.803	38831.3E6	22633.7E6	56679.219	79570.374 #
20)	L4 AR-1242-5	7.533	6.377	47104.3E6	39791.1E6	64569.485	100438.923 #
31)	L7 AR-1260-1	8.214	7.095	62972.6E6	53218.6E6	54697.351m	82123.254 #
32)	L7 AR-1260-2	8.523	7.295	65755.0E6	55223.3E6	47194.156m	59574.885 #
33)	L7 AR-1260-3	8.845	7.447	52113.7E6	51698.9E6	48672.667m	66441.874 #
34)	L7 AR-1260-4	9.132	7.927	65892.1E6	46062.7E6	54416.060m	67848.058
35)	L7 AR-1260-5	9.470	8.149	83119.1E6	57038.3E6	32484.551	30830.166m

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