Quantitation Report (Qedit)

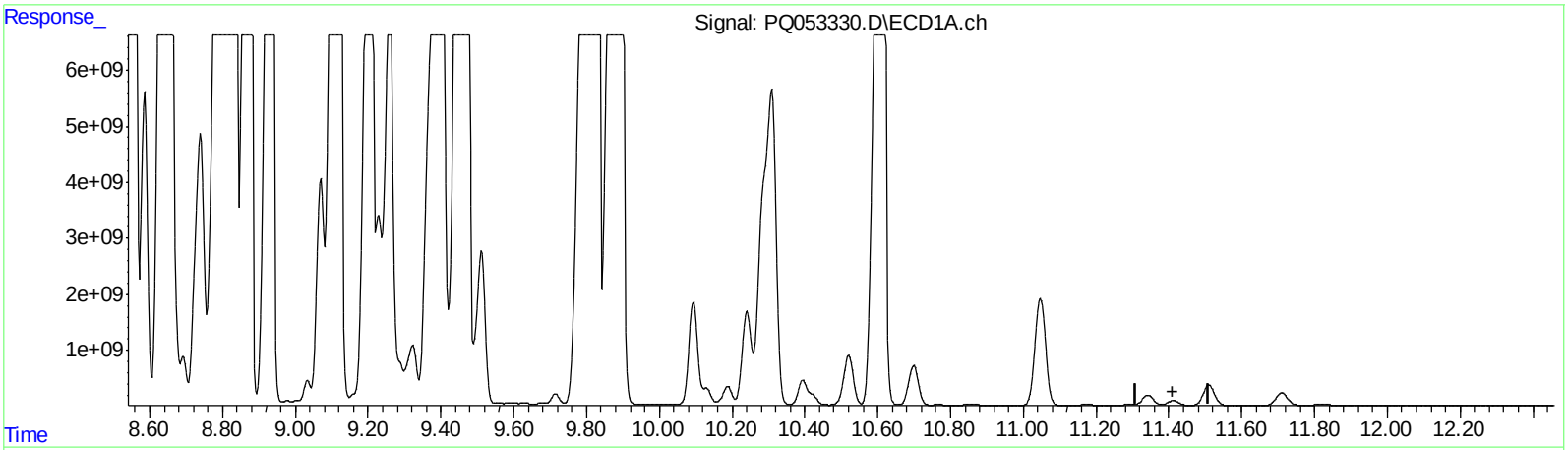
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

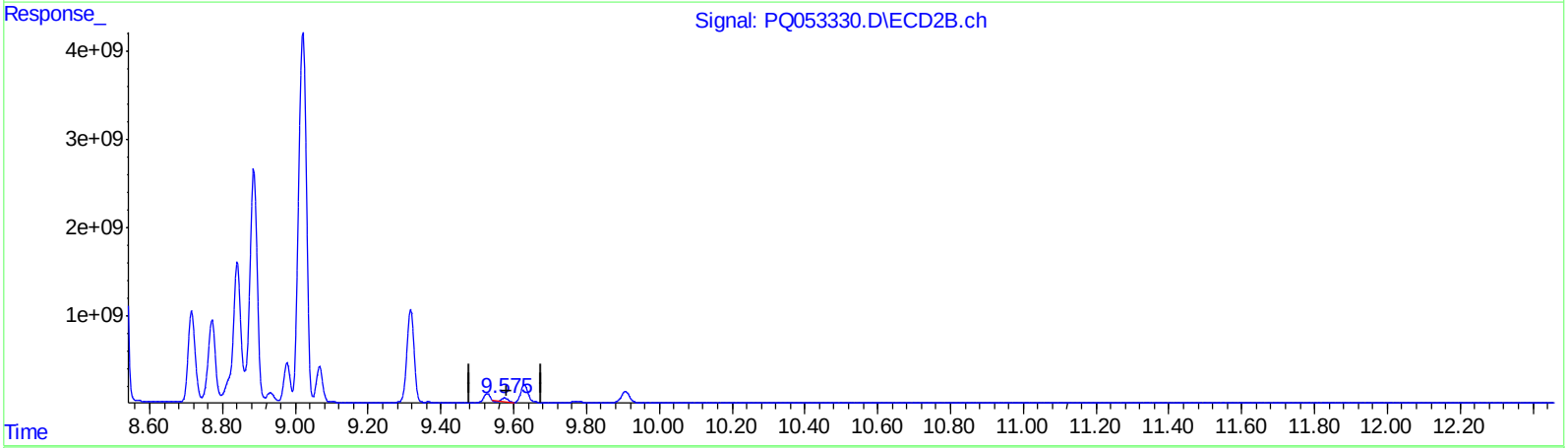
Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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)

11.412min -66.521 ng/ml

response -1881346294

(2) Decachlorobiphenyl #2 (SA)

9.575min 23.886 ng/ml

response 297289667

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
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QLast Update : Wed Apr 21 07:47:07 2021
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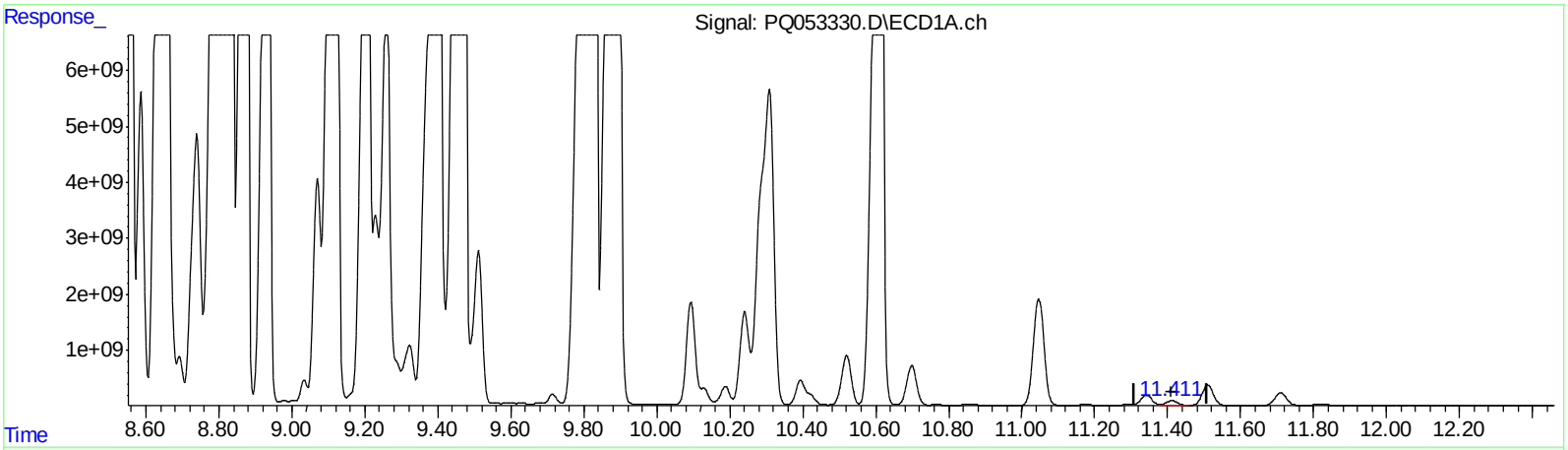
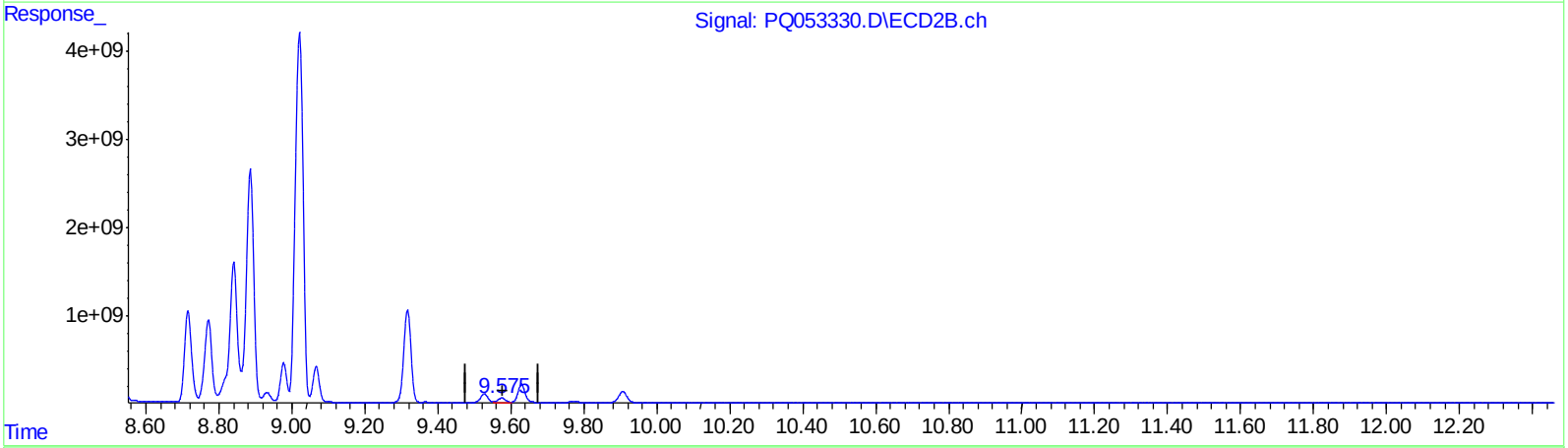
Integrator: ChemStation

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)

11.411min 62.876 ng/ml m

response 1778269105

(2) Decachlorobiphenyl #2 (SA)

9.575min 58.978 ng/ml m

response 734046878

(+) = Expected Retention Time

Quantitation Report (Qedit)

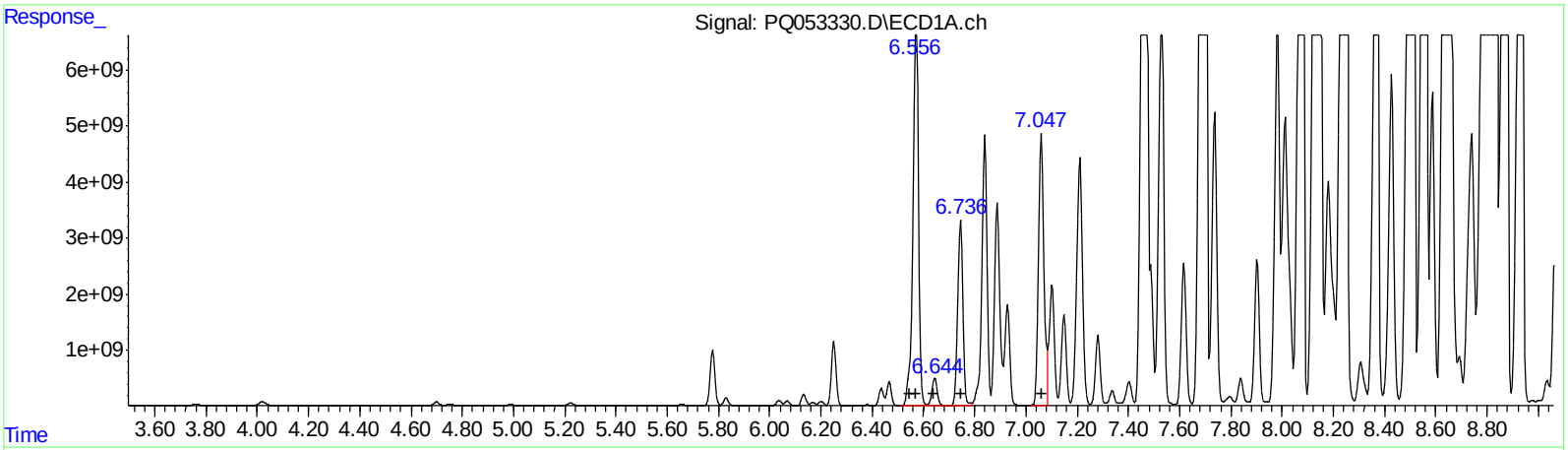
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

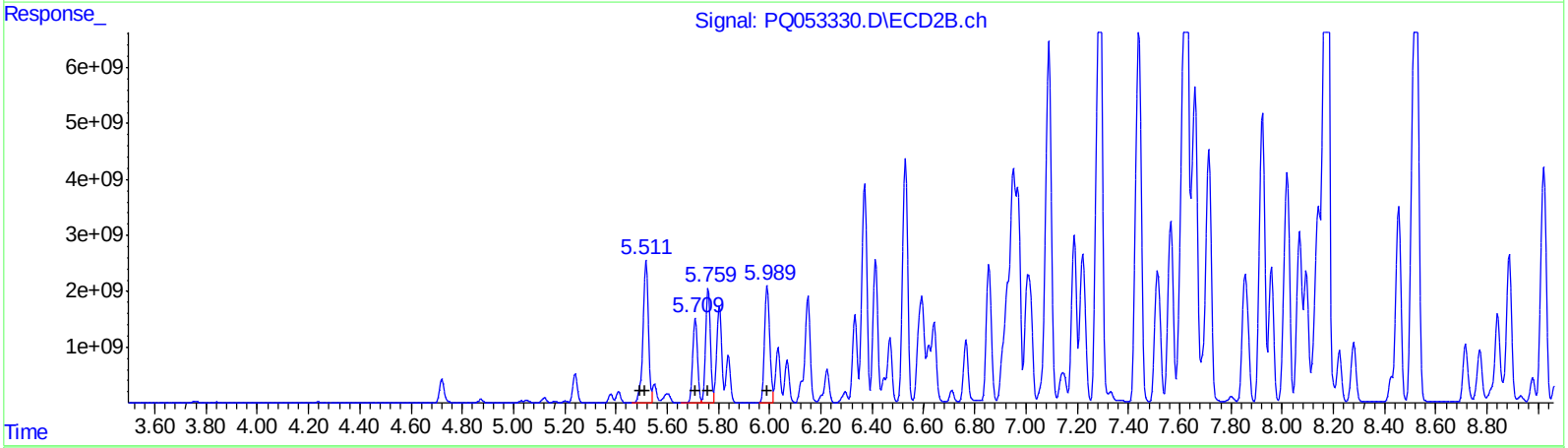
Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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	54495473742	55932.98
6.58	54495473742	37477.09
6.64	6921695138	7873.06
6.75	38785919137	53541.93
7.07	47657606505	68999.83

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

R.T.	Response	Conc
5.52	35223420574	79979.58
5.52	35223420574	55673.34
5.71	19626728318	59516.06
5.76	26310623918	100936.80
5.99	29613874031	89109.66

(+) = Expected Retention Time

Quantitation Report (Qedit)

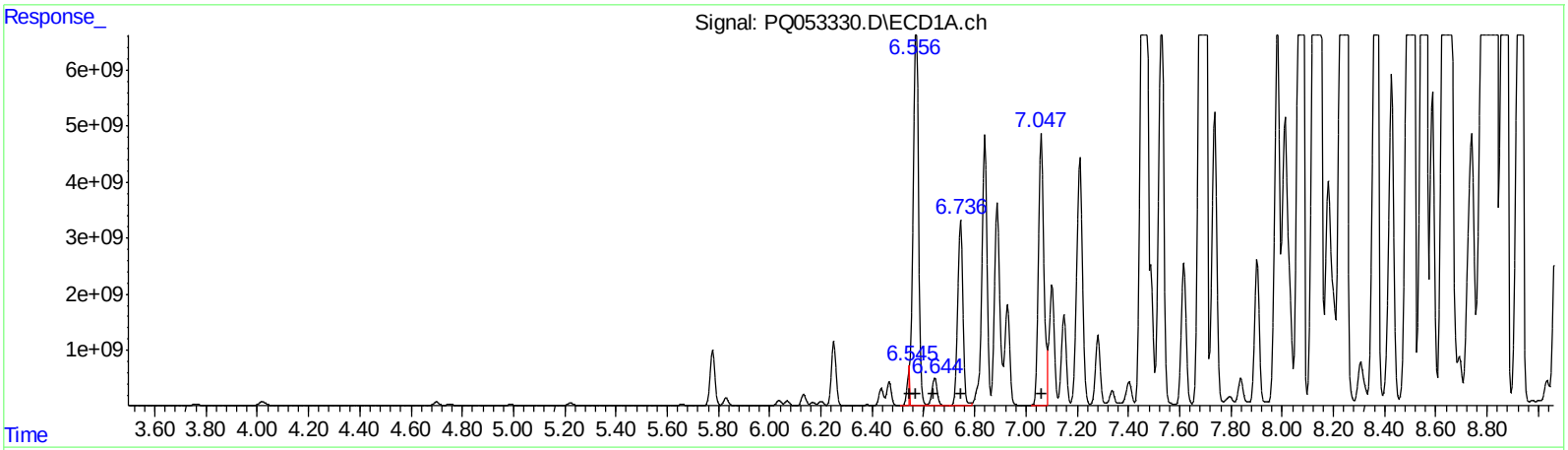
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

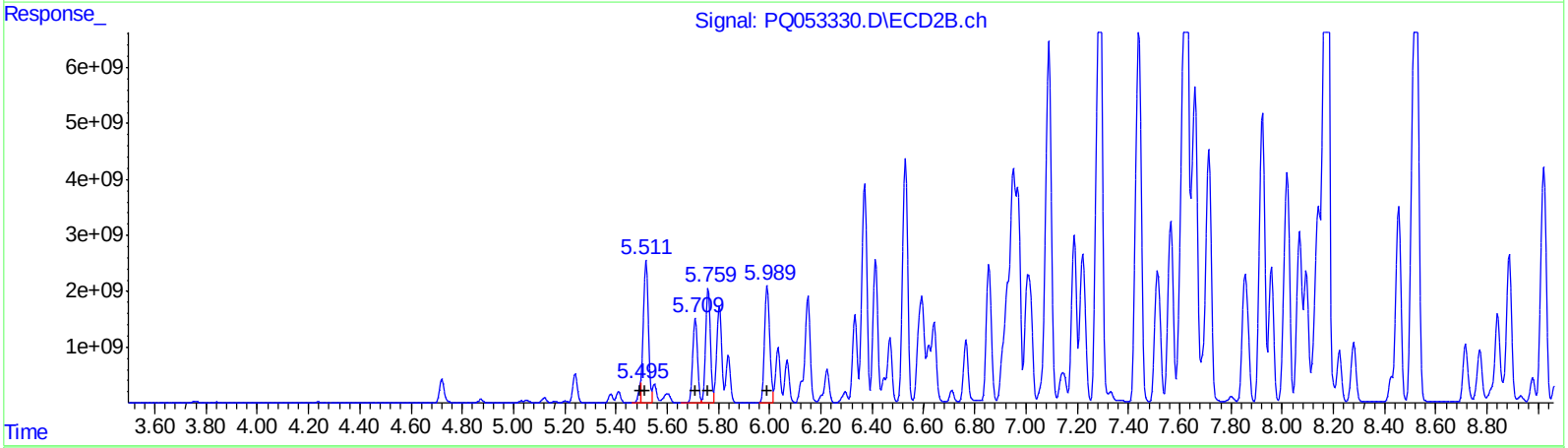
Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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	4224845334	4336.29
6.56	50102864652	34456.24
6.64	6921695138	7873.06
6.75	38785919137	53541.93
7.07	47657606505	68999.83

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

R.T.	Response	Conc
5.49	1807810771	4104.88
5.51	33330302093	52681.12
5.71	19626728318	59516.06
5.76	26310623918	100936.80
5.99	29613874031	89109.66

(+) = Expected Retention Time

Quantitation Report (Qedit)

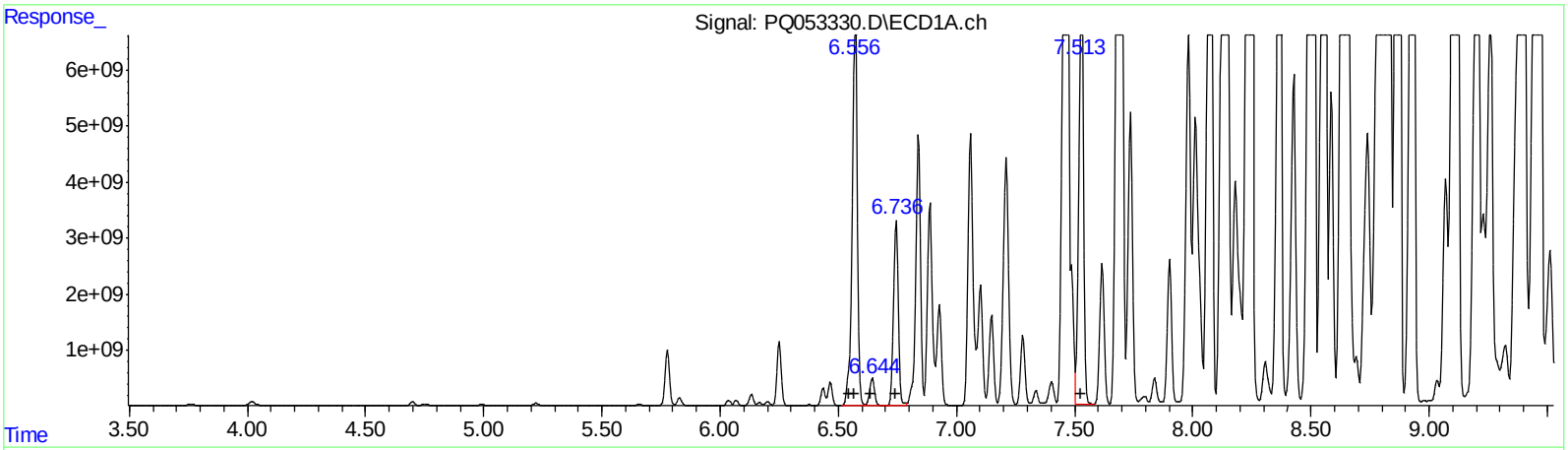
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 30 Apr 2021 19:08
Operator : DD\AJ
Sample   : M2240-02MS
Misc   :
ALS Vial : 25   Sample Multiplier: 1

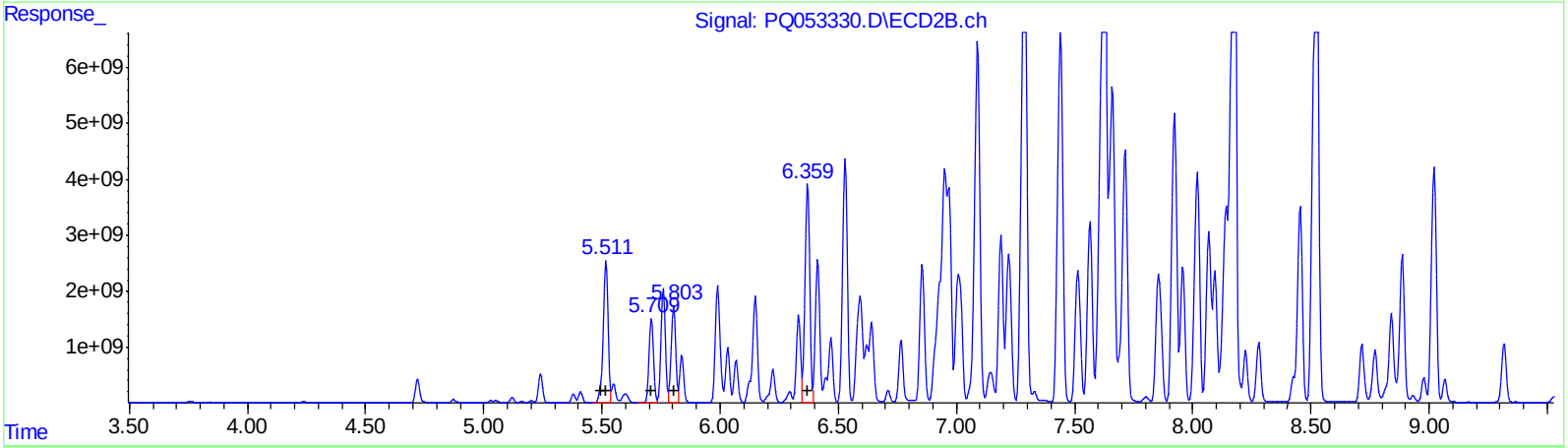
Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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	54495473742	60098.15
6.58	54495473742	40125.34
6.64	6921695138	8387.44
6.75	38785919137	56612.94
7.53	47594124806	65240.93

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

R.T.	Response	Conc
5.52	35223420574	87875.68
5.52	35223420574	60388.65
5.71	19626728318	64787.41
5.80	23225609444	81651.12
6.38	39970843665	100892.57

(+) = Expected Retention Time

Quantitation Report (Qedit)

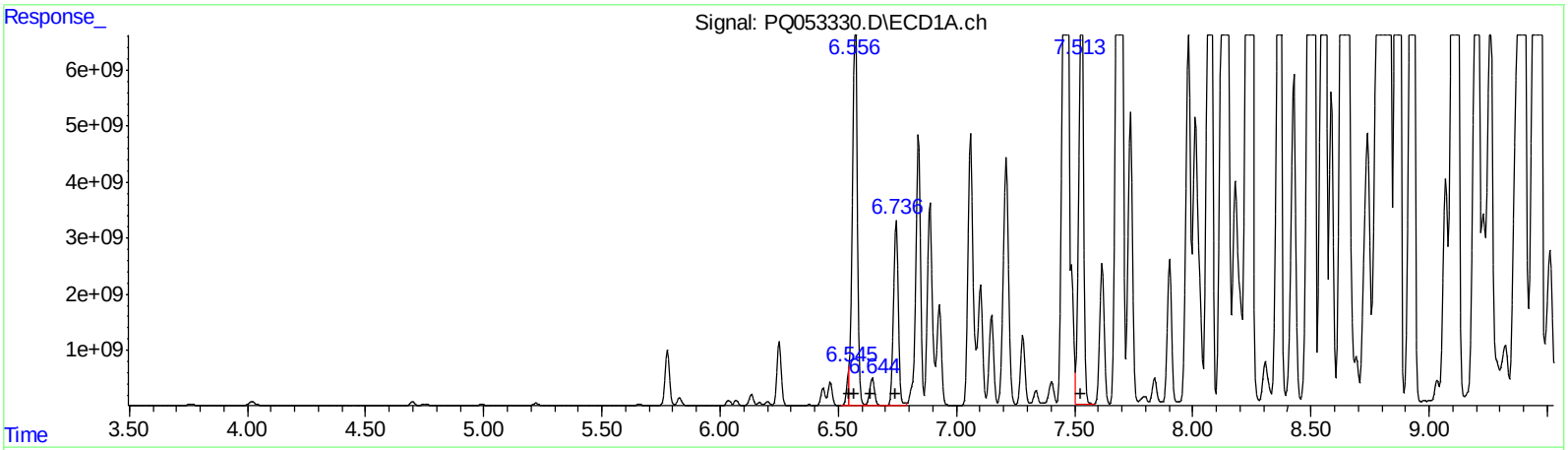
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

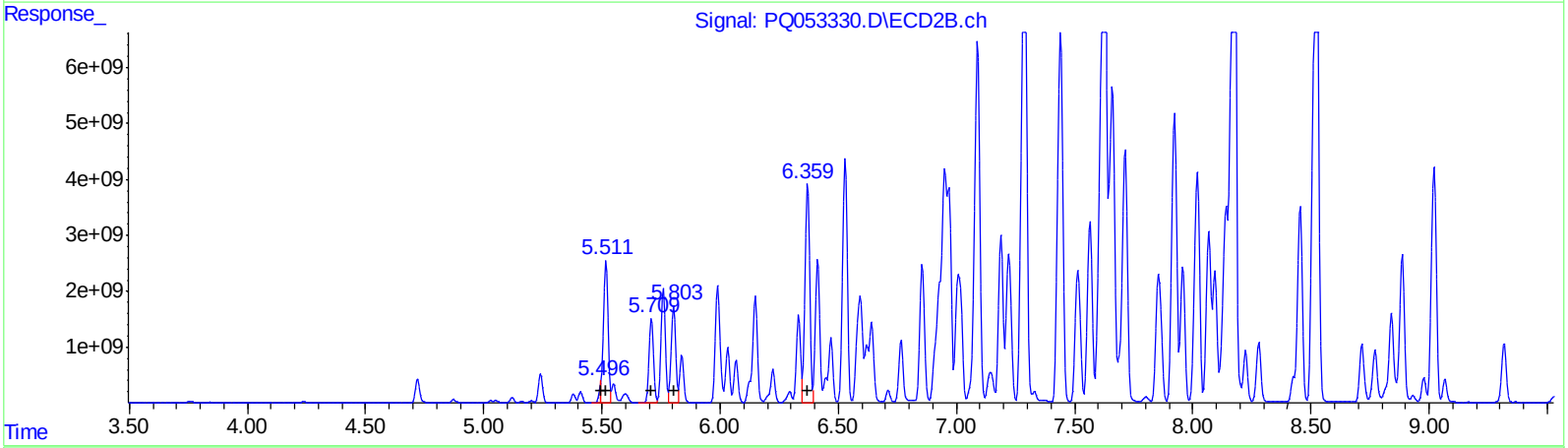
Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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
6.54	4174372253	4603.54
6.56	50363683057	37083.08
6.64	6921695138	8387.44
6.75	38785919137	56612.94
7.53	47594124806	65240.93

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

R.T.	Response	Conc
5.50	2126163937	5304.37
5.51	33055806768	56672.39
5.71	19626728318	64787.41
5.80	23225609444	81651.12
6.38	39970843665	100892.57

(+) = Expected Retention Time

Quantitation Report (Qedit)

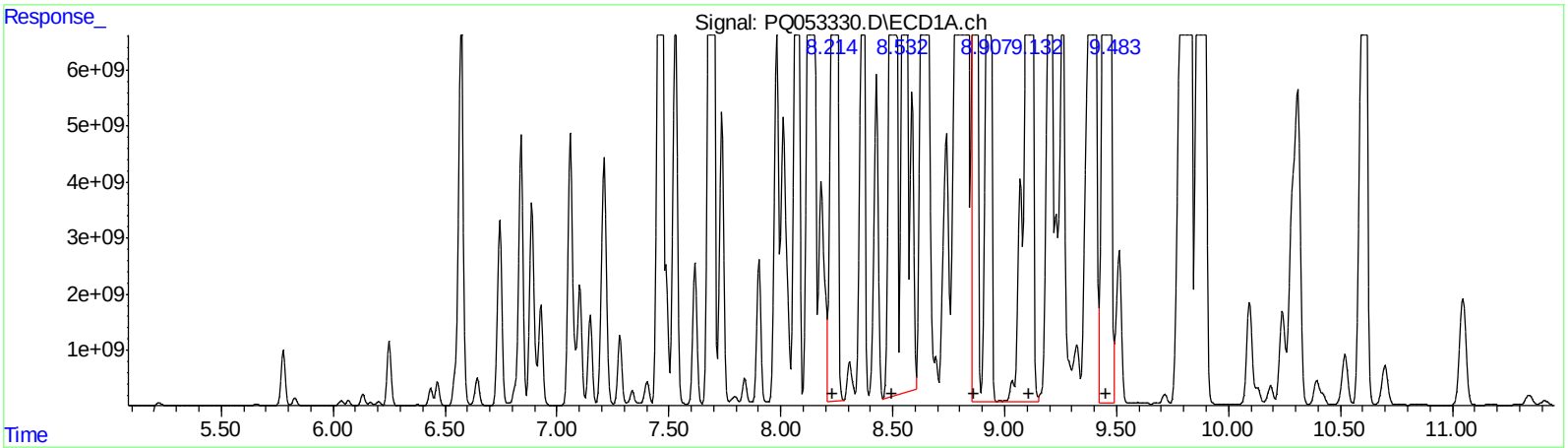
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

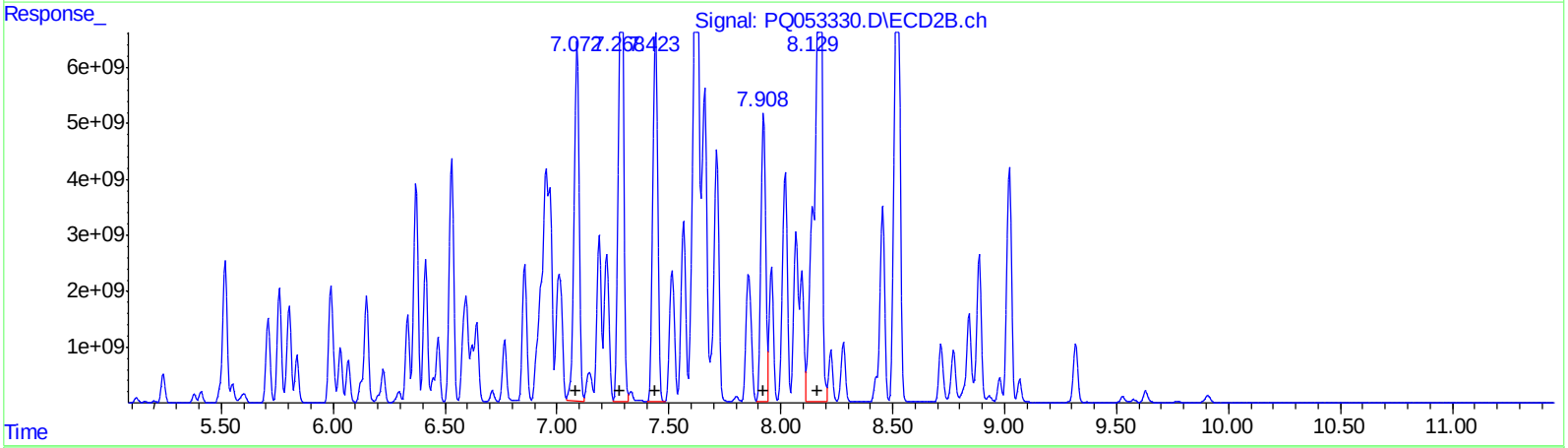
Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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	65173106013	56608.65
8.52	1.45817e+011	104657.18
8.93	13552930703	12658.05
9.12	1.08123e+011	89291.68
9.47	82930077323	32410.66

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

R.T.	Response	Conc
7.09	53739113596	82926.55
7.29	56059928052	60477.39
7.45	51948485538	66762.58
7.93	46231717784	68097.00
8.18	93881389555	50744.51

(+) = Expected Retention Time

Quantitation Report (Qedit)

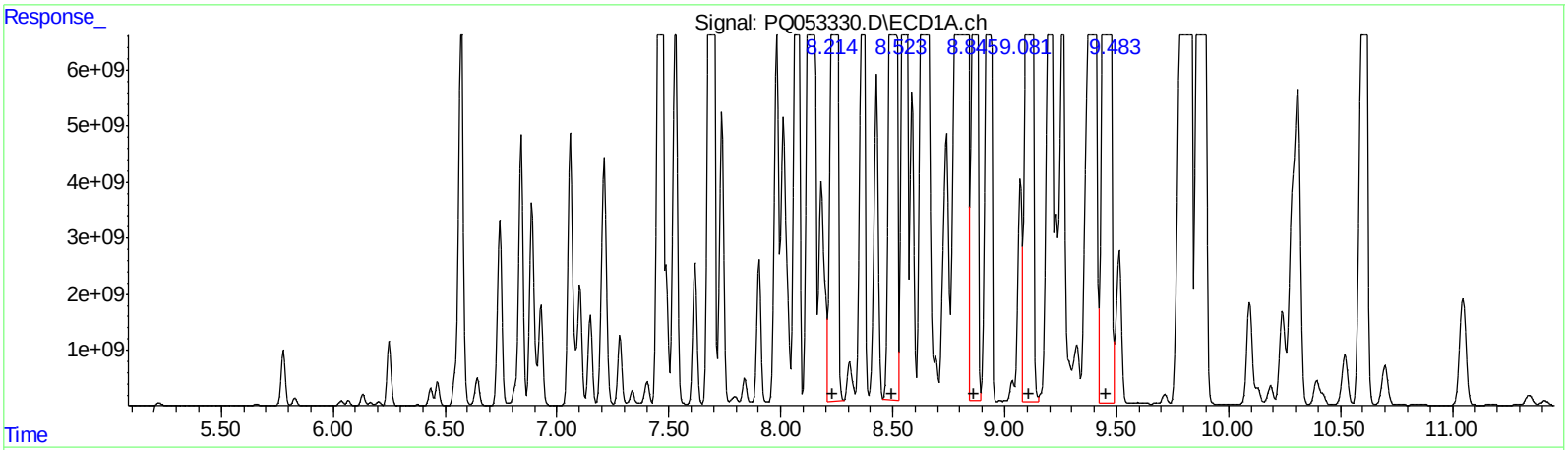
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

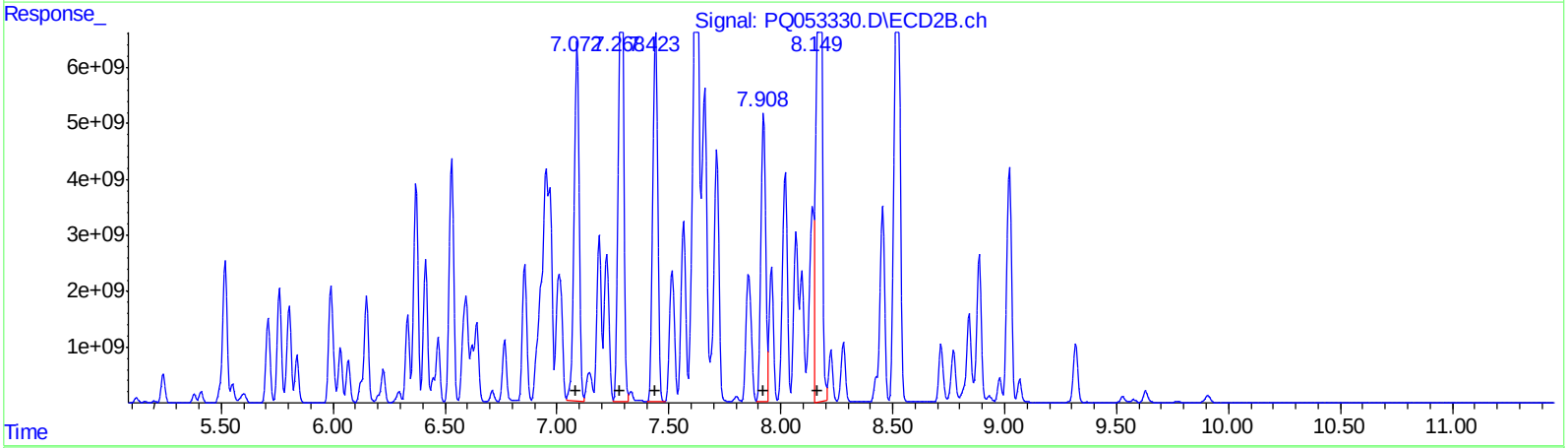
Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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
8.25	65173106013	56608.65
8.52	66343680764	47616.70
8.84	51997792287	48564.45
9.08	68136621823	56269.71
9.47	82930077323	32410.66

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

R.T.	Response	Conc
7.09	53739113596	82926.55
7.29	56059928052	60477.39
7.45	51948485538	66762.58
7.93	46231717784	68097.00
8.15	56943018818	30778.68

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
Data File : PQ053330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2021 19:08
Operator : DD\AJ
Sample : M2240-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:38:02 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

Instrument :
ECD_Q
ClientSampleId :
C0B64MS

Manual Integrations APPROVED
Ankita
5/3/2021 3:27:49 PM

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.221	4.237	691.3E6	208.3E6	24.639	17.913 #
2)	SA Decachlor...	11.411	9.575	1778.3E6	734.0E6	62.876m	58.978m
	Target Compounds						
3)	L1 AR-1016-1	6.545	5.495	4224.8E6	1807.8E6	4336.290m	4104.881m
4)	L1 AR-1016-2	6.556	5.511	50102.9E6	33330.3E6	34456.244m	52681.116m#
5)	L1 AR-1016-3	6.644	5.709	6921.7E6	19626.7E6	7873.063	59516.056 #
6)	L1 AR-1016-4	6.749	5.759	38785.9E6	26310.6E6	53541.931	100936.796 #
7)	L1 AR-1016-5	7.066	5.989	47657.6E6	29613.9E6	68999.835	89109.658 #
16)	L4 AR-1242-1	6.545	5.496	4174.4E6	2126.2E6	4603.539m	5304.371m
17)	L4 AR-1242-2	6.556	5.511	50363.7E6	33055.8E6	37083.081m	56672.393m#
18)	L4 AR-1242-3	6.644	5.709	6921.7E6	19626.7E6	8387.442	64787.408 #
19)	L4 AR-1242-4	6.749	5.803	38785.9E6	23225.6E6	56612.945	81651.124 #
20)	L4 AR-1242-5	7.535	6.376	47594.1E6	39970.8E6	65240.933	100892.574 #
31)	L7 AR-1260-1	8.250	7.095	65173.1E6	53739.1E6	56608.646	82926.548 #
32)	L7 AR-1260-2	8.523	7.295	66343.7E6	56059.9E6	47616.699m	60477.388 #
33)	L7 AR-1260-3	8.845	7.446	51997.8E6	51948.5E6	48564.446m	66762.584 #
34)	L7 AR-1260-4	9.081	7.926	68136.6E6	46231.7E6	56269.709m	68096.997
35)	L7 AR-1260-5	9.470	8.149	82930.1E6	56943.0E6	32410.659	30778.684m

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