Quantitation Report (Qedit)

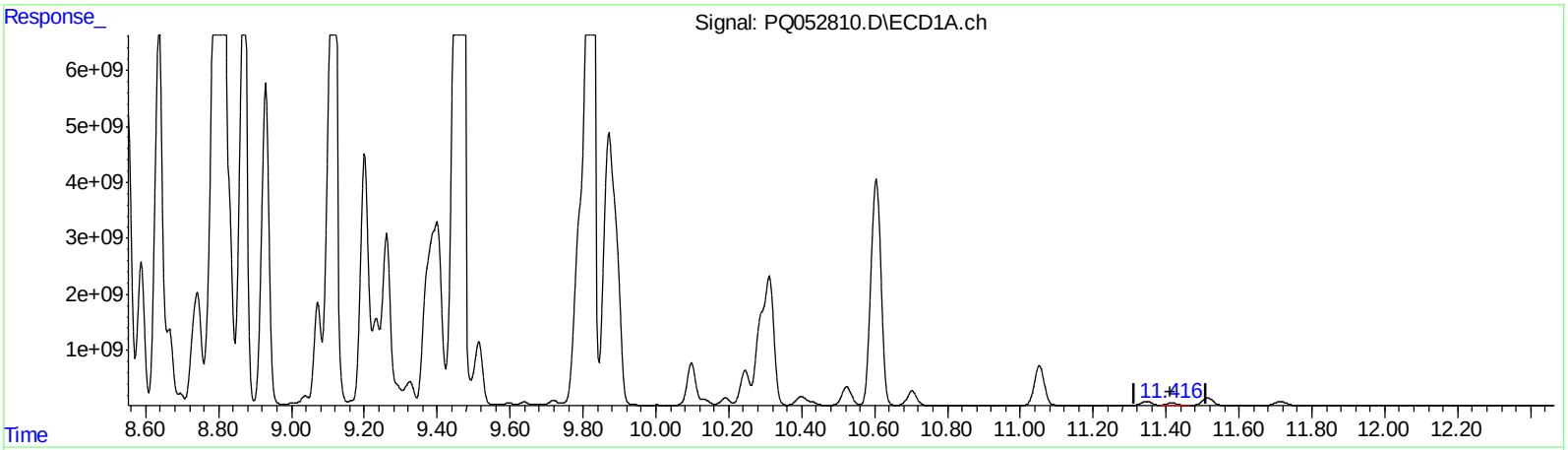
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

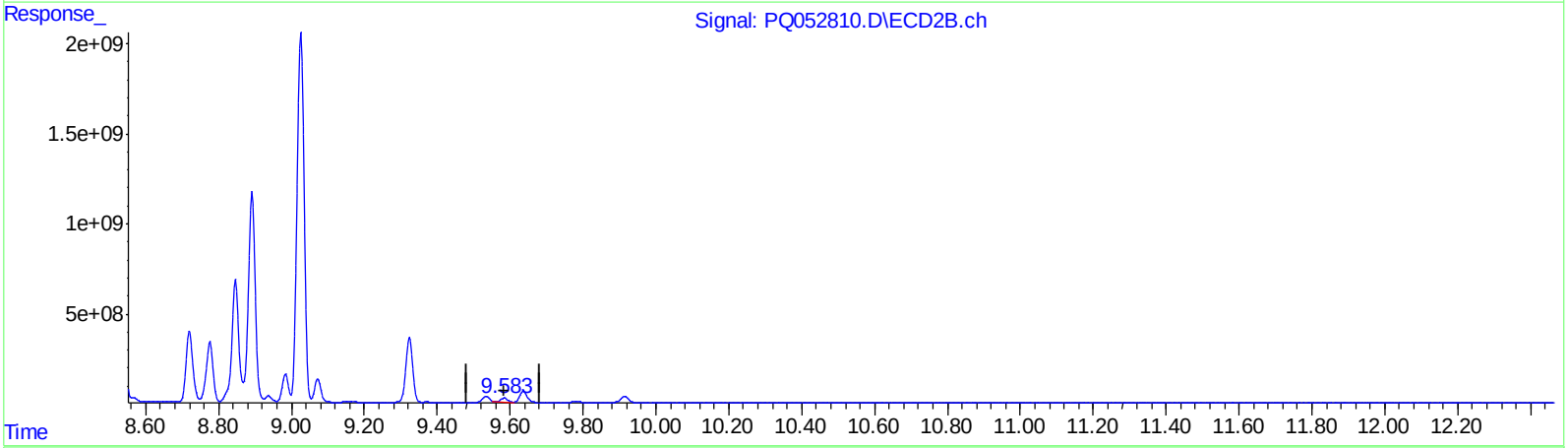
Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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)

11.416min 36.790 ng/ml

response 909764196

(2) Decachlorobiphenyl #2 (SA)

9.583min 24.008 ng/ml

response 237587113

(+) = Expected Retention Time

Quantitation Report (Qedit)

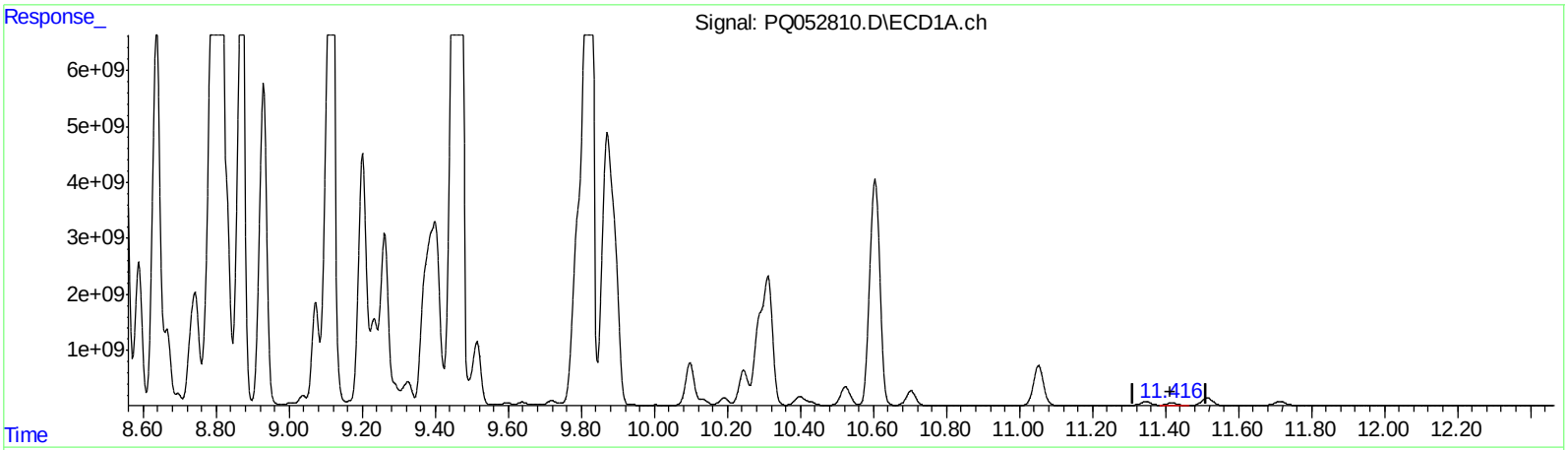
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

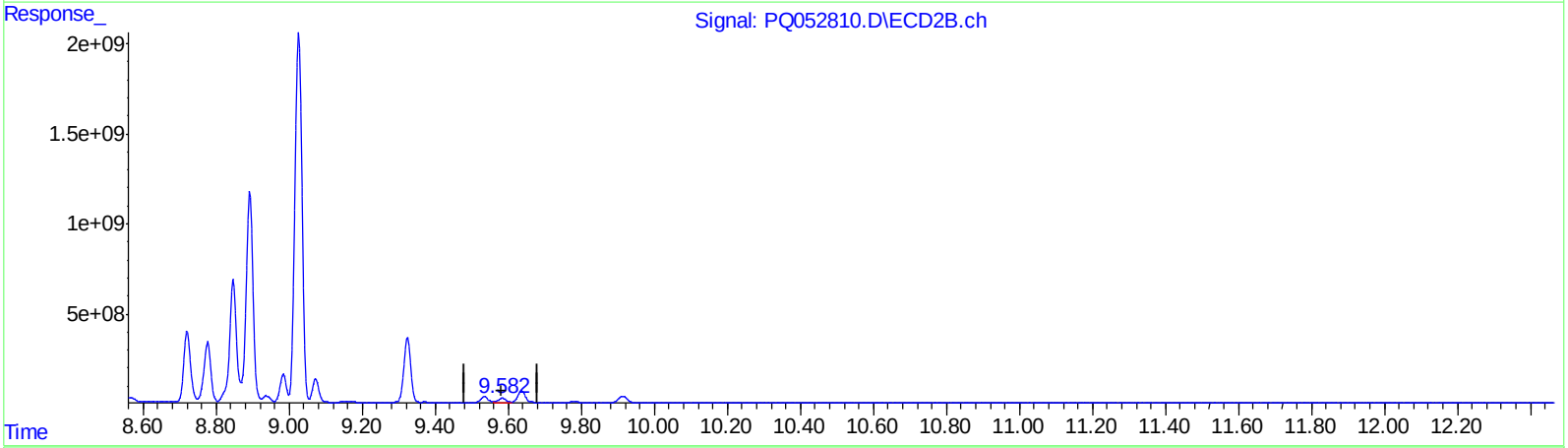
Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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)

11.416min 36.790 ng/ml

response 909764196

(2) Decachlorobiphenyl #2 (SA)

9.582min 32.255 ng/ml m

response 319201238

(+) = Expected Retention Time

Quantitation Report (Qedit)

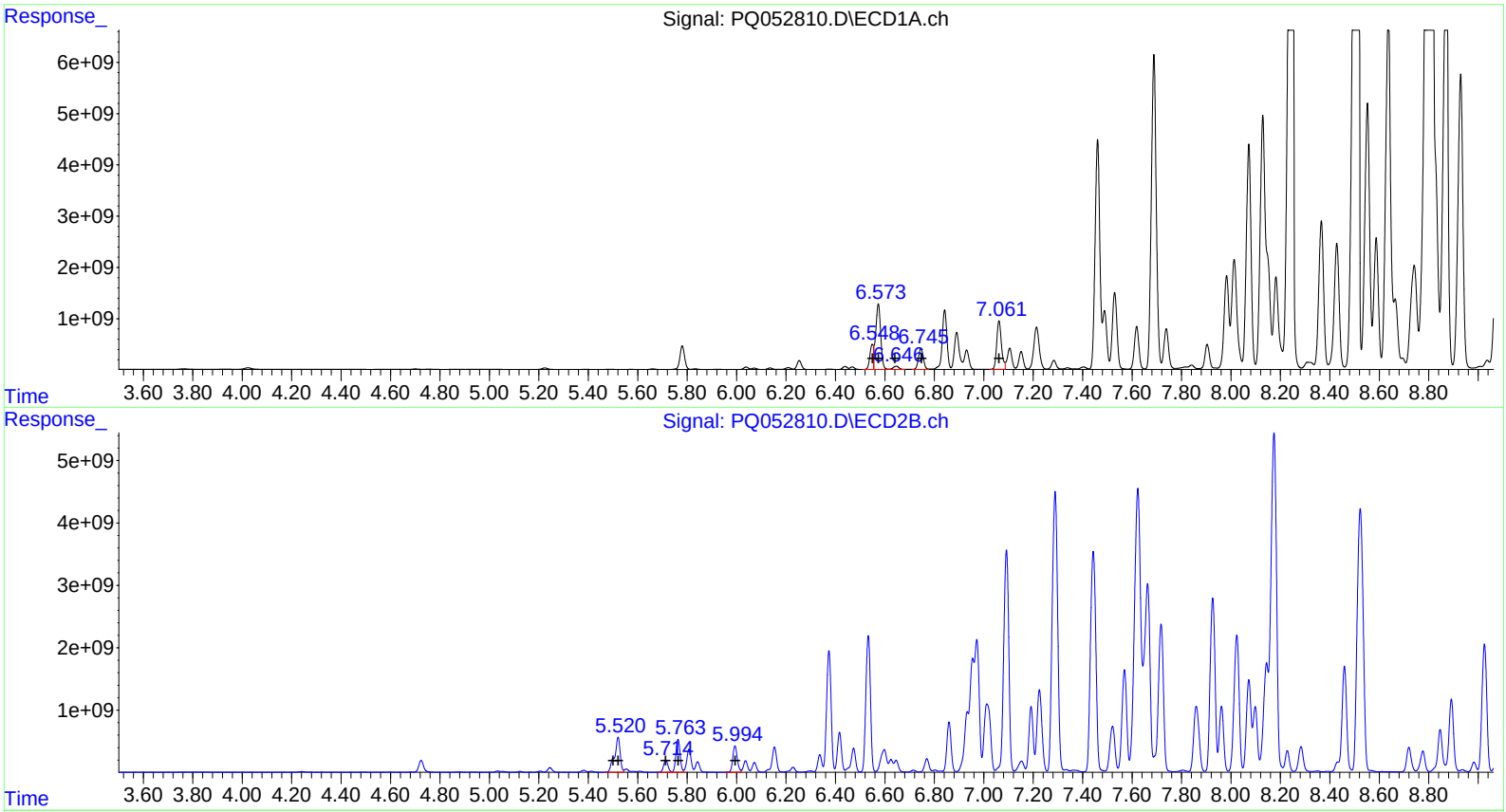
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 02:08:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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
6.55	4808612125	5604.26
6.57	18103223410	14184.54
6.65	987193413	1302.48
6.75	5603627546	8805.68
7.06	12609302481	20689.79

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

R.T.	Response	Conc
5.52	9012424470	23253.84
5.52	9012424470	16243.91
5.71	2406407369	8462.96
5.76	6244588578	27823.52
5.99	5335620454	18600.65

(+) = Expected Retention Time

Quantitation Report (Qedit)

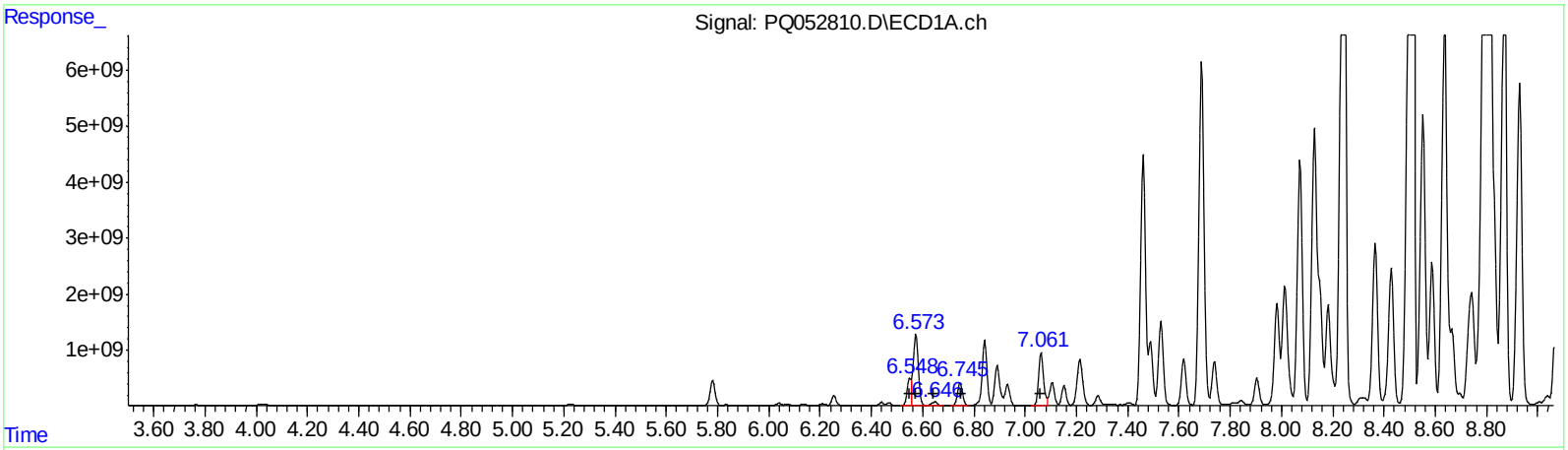
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

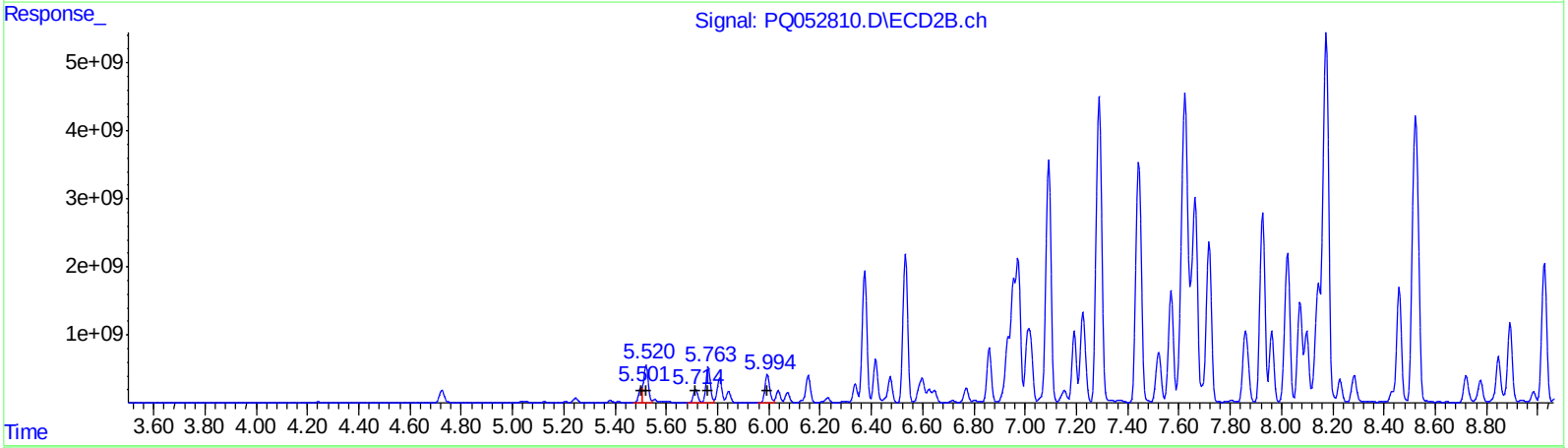
Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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	4808612125	5604.26
6.57	18103223410	14184.54
6.65	987193413	1302.48
6.75	5603627546	8805.68
7.06	12608236897	20688.04

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

R.T.	Response	Conc
5.50	1887404489	4869.88
5.52	7062240847	12728.91
5.71	2406407369	8462.96
5.76	6244588578	27823.52
5.99	5335620454	18600.65

(+) = Expected Retention Time

Quantitation Report (Qedit)

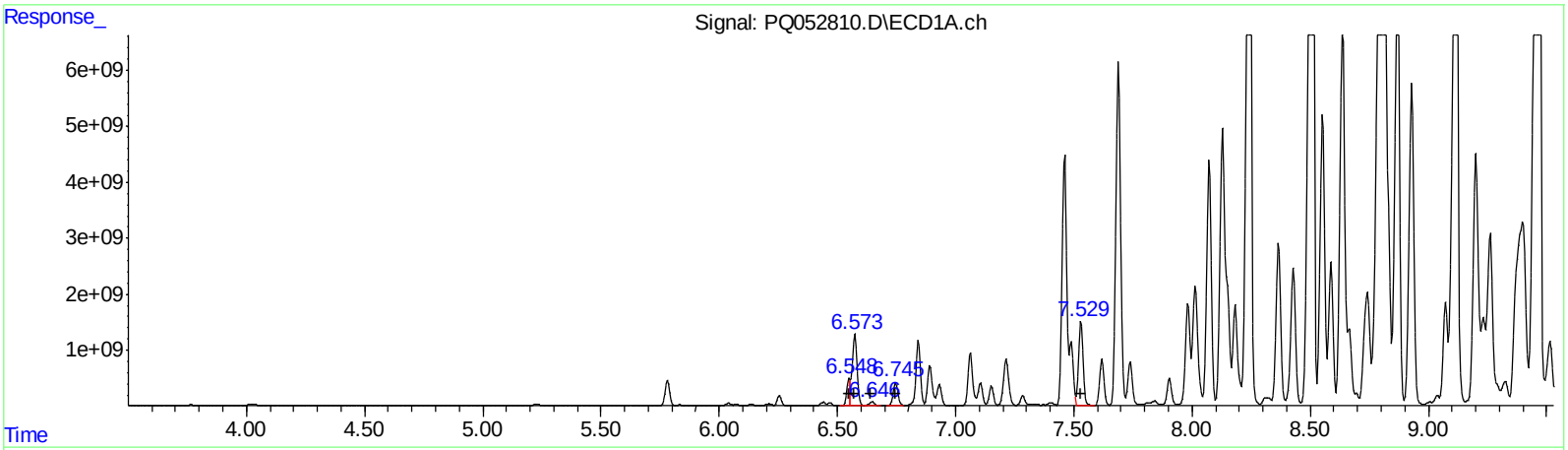
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

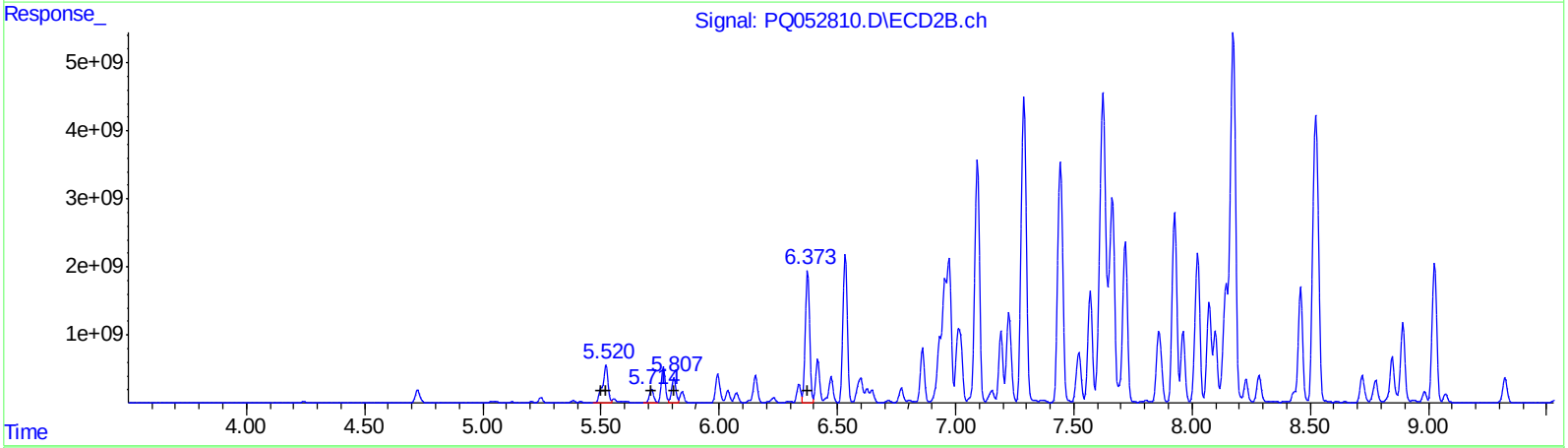
Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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
6.55	4808612125	6032.73
6.57	18103223410	15383.68
6.65	987193413	1397.29
6.75	5603627546	9537.25
7.53	19784833810	29530.19

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

R.T.	Response	Conc
5.52	9012424470	25516.92
5.52	9012424470	17986.99
5.71	2406407369	9258.58
5.81	4537381529	18480.48
6.37	24734413781	71192.61

(+) = Expected Retention Time

Quantitation Report (Qedit)

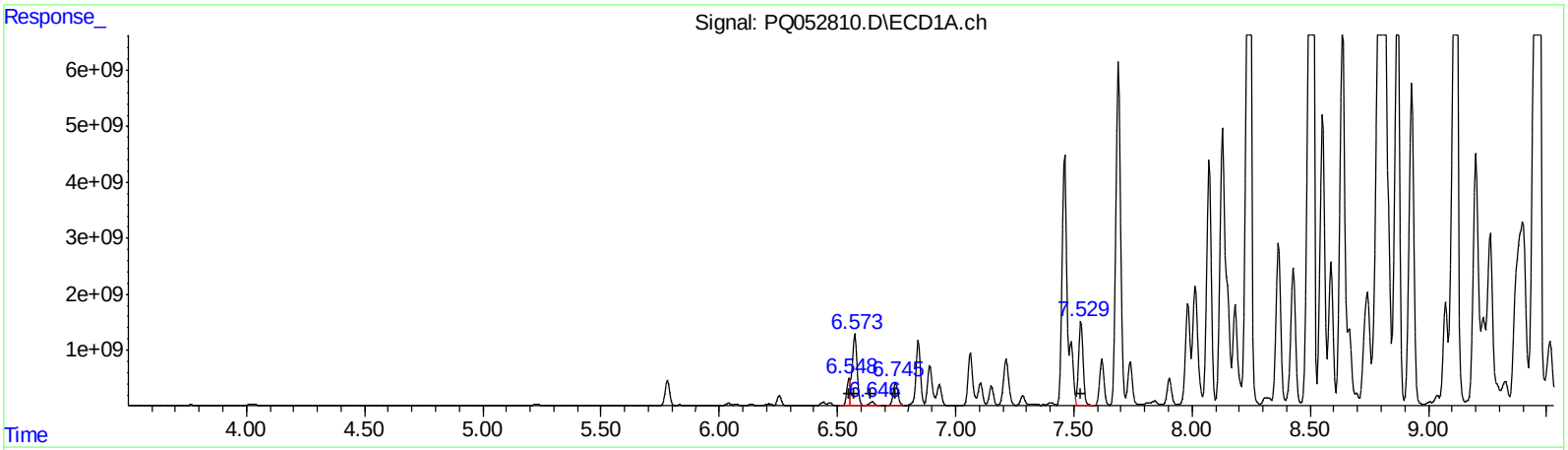
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

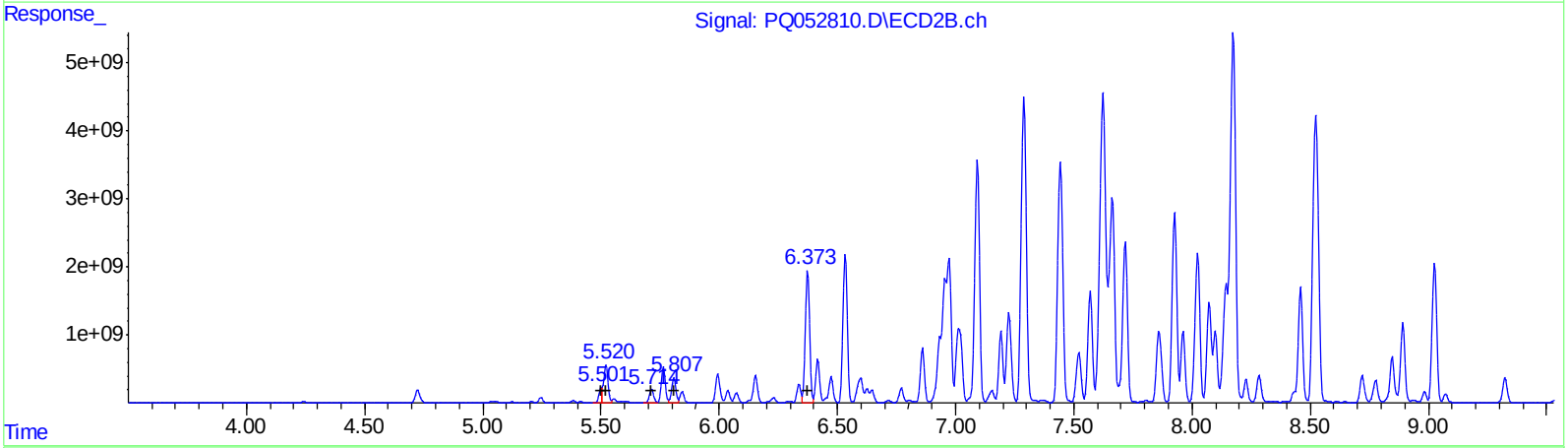
Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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	4808612125	6032.73
6.57	18103223410	15383.68
6.65	987193413	1397.29
6.75	5603627546	9537.25
7.53	19784833810	29530.19

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

R.T.	Response	Conc
5.50	1979760063	5605.30
5.52	6985425962	13941.51
5.71	2406407369	9258.58
5.81	4537381529	18480.48
6.37	24734413781	71192.61

(+) = Expected Retention Time

Quantitation Report (Qedit)

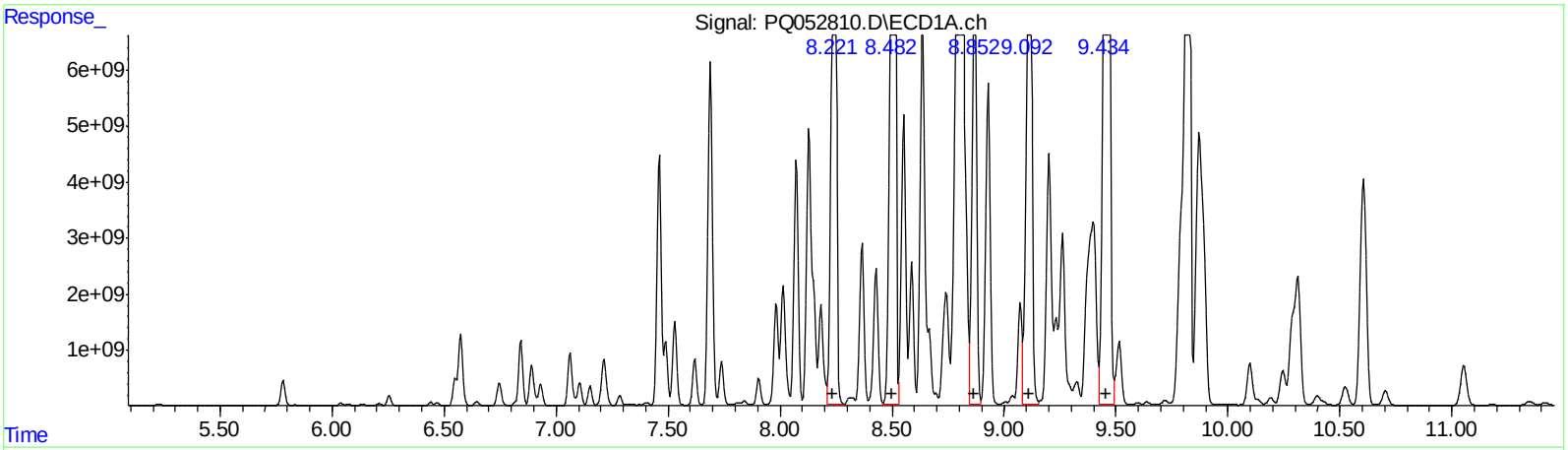
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

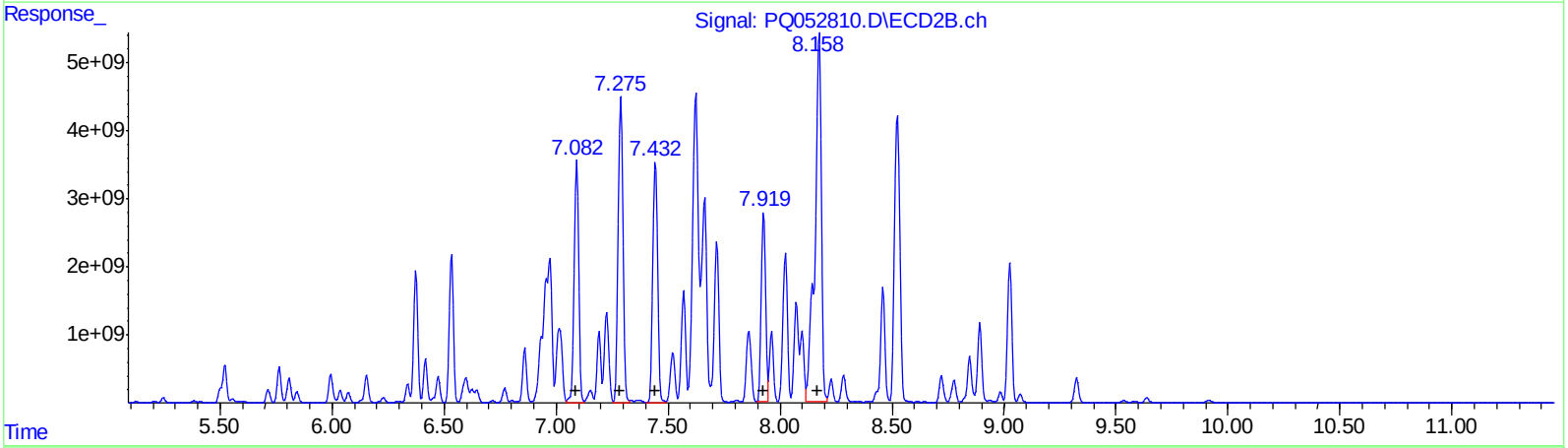
Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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	54760304475	50822.33
8.51	60342856907	45921.75
8.87	49261785508	49068.12
9.12	60809277548	53211.52
9.47	71483486972	30048.71

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

R.T.	Response	Conc
7.10	39964978298	69131.68
7.30	46024781771	57703.21
7.45	42252138914	64104.87
7.93	34648820826	61443.64
8.18	72877478059	47622.05

(+) = Expected Retention Time

Quantitation Report (Qedit)

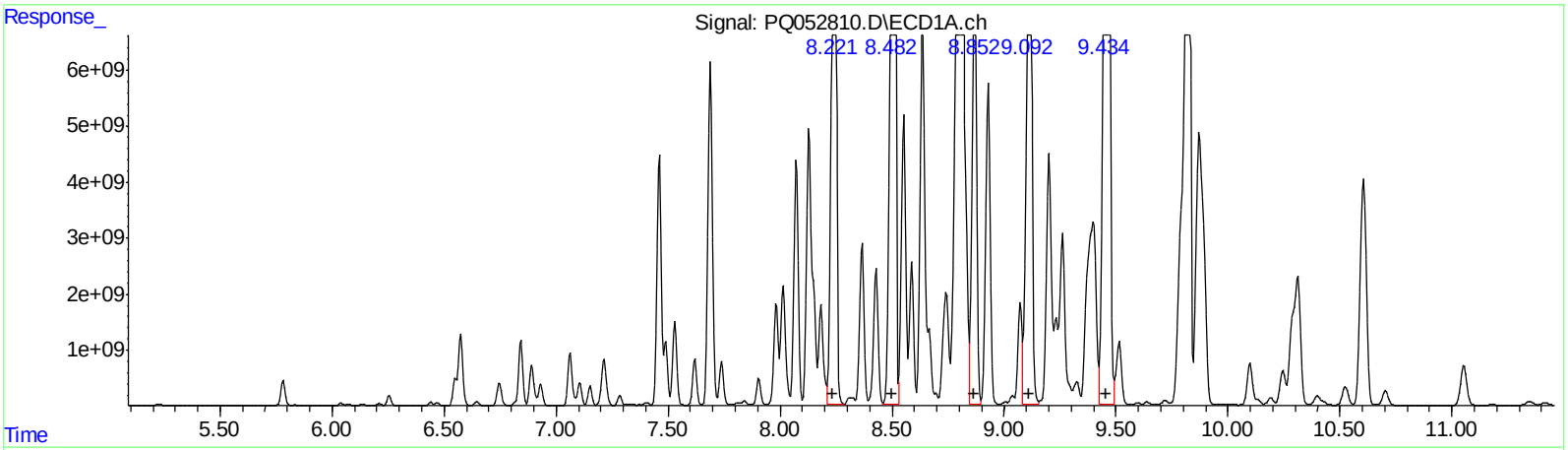
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

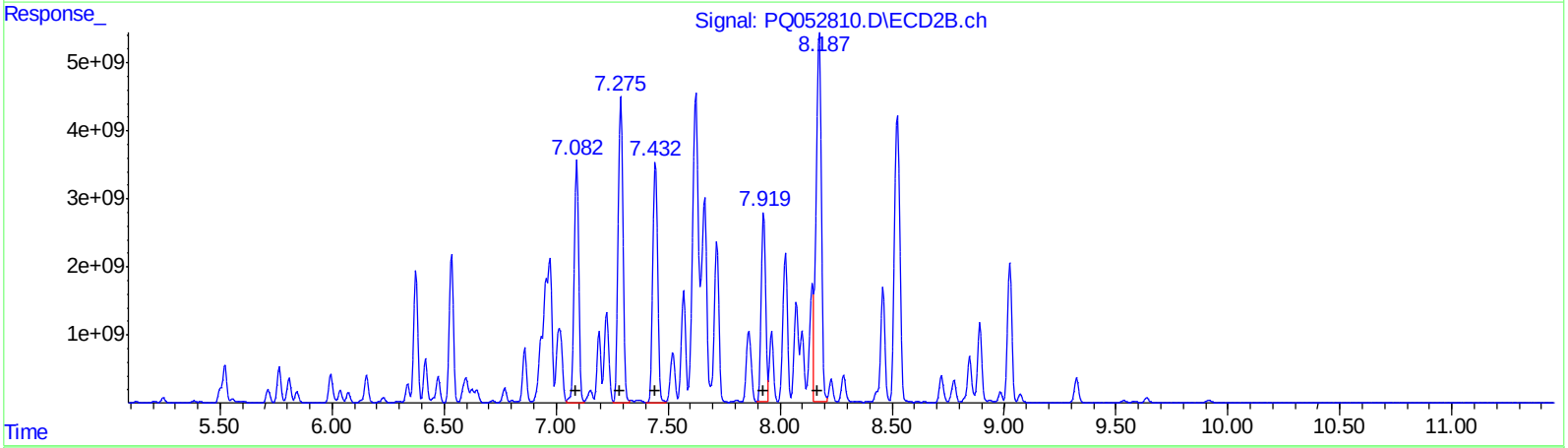
Instrument :
ECD_Q
ClientSampleId :
C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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	54760304475	50822.33
8.51	60342856907	45921.75
8.87	49261785508	49068.12
9.12	60809277548	53211.52
9.47	71483486972	30048.71

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

R.T.	Response	Conc
7.10	39964978298	69131.68
7.30	46024781771	57703.21
7.45	42252138914	64104.87
7.93	34648820826	61443.64
8.19	50827285246	33213.27

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040121\
Data File : PQ052810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 15:14
Operator : DD\AJ
Sample : M1871-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 08:35:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 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 : C0B08MSD

Manual Integrations APPROVED
Ankita
4/2/2021 11:27:29 AM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.225	4.241	454.3E6	174.1E6	19.712	18.206
2)	SA Decachlor...	11.416	9.582	909.8E6	319.2E6	36.790	32.255m
	Target Compounds						
3)	L1 AR-1016-1	6.549	5.501	4808.6E6	1887.4E6	5604.263	4869.877m
4)	L1 AR-1016-2	6.573	5.520	18103.2E6	7062.2E6	14184.543	12728.913m
5)	L1 AR-1016-3	6.646	5.714	987.2E6	2406.4E6	1302.478	8462.958 #
6)	L1 AR-1016-4	6.746	5.763	5603.6E6	6244.6E6	8805.681	27823.520 #
7)	L1 AR-1016-5	7.062	5.994	12608.2E6	5335.6E6	20688.041	18600.648
16)	L4 AR-1242-1	6.549	5.501	4808.6E6	1979.8E6	6032.730	5605.305m
17)	L4 AR-1242-2	6.573	5.520	18103.2E6	6985.4E6	15383.679	13941.507m
18)	L4 AR-1242-3	6.646	5.714	987.2E6	2406.4E6	1397.294	9258.584 #
19)	L4 AR-1242-4	6.746	5.808	5603.6E6	4537.4E6	9537.250	18480.483 #
20)	L4 AR-1242-5	7.530	6.374	19784.8E6	24734.4E6	29530.187	71192.612 #
31)	L7 AR-1260-1	8.250	7.096	54760.3E6	39965.0E6	50822.330	69131.677 #
32)	L7 AR-1260-2	8.515	7.296	60342.9E6	46024.8E6	45921.754	57703.213 #
33)	L7 AR-1260-3	8.875	7.450	49261.8E6	42252.1E6	49068.119	64104.873 #
34)	L7 AR-1260-4	9.121	7.926	60809.3E6	34648.8E6	53211.524	61443.639
35)	L7 AR-1260-5	9.471	8.187	71483.5E6	50827.3E6	30048.705	33213.273m

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