Quantitation Report (Qedit)

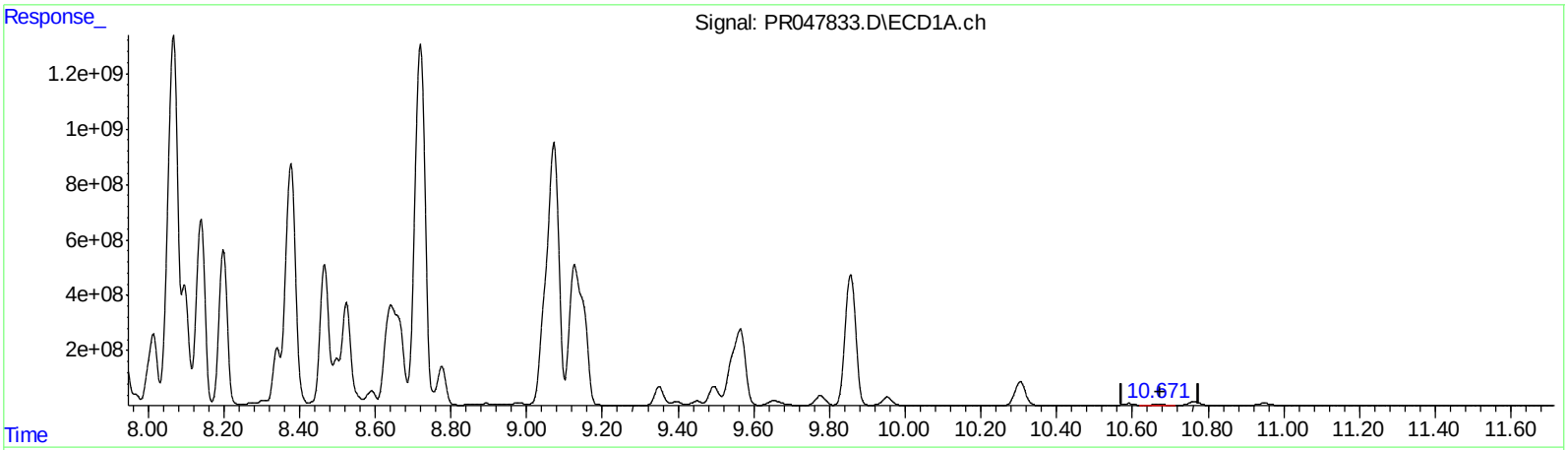
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101920\
Data File : PR047833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 04:02
Operator : AJ\MA
Sample : L4402-04MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

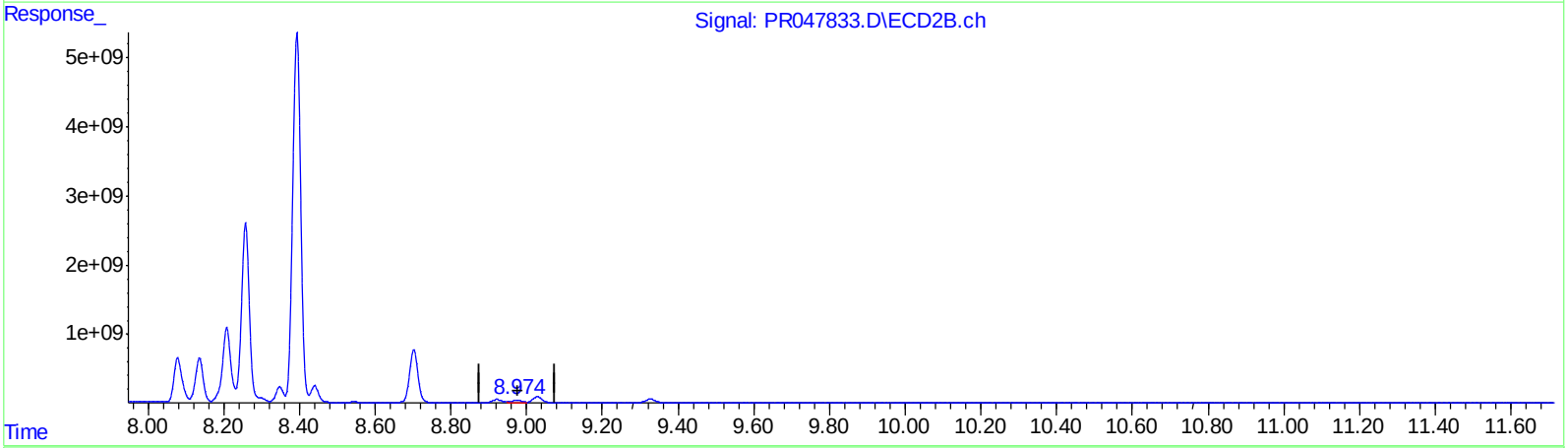
Instrument :
ECD_R
ClientSampleId :
C0AB6MS

Manual Integrations APPROVED
Ankita
10/20/2020 1:11:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 08:17:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 20 05:12:21 2020
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)

10.669min 35.160 ng/ml

response 73689303

(2) Decachlorobiphenyl #2 (SA)

8.974min 40.436 ng/ml

response 525245805

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101920\
Data File : PR047833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 04:02
Operator : AJ\MA
Sample : L4402-04MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
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Manual Integrations APPROVED
Ankita
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Integration File signal 2: autoint2.e
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Integrator: ChemStation

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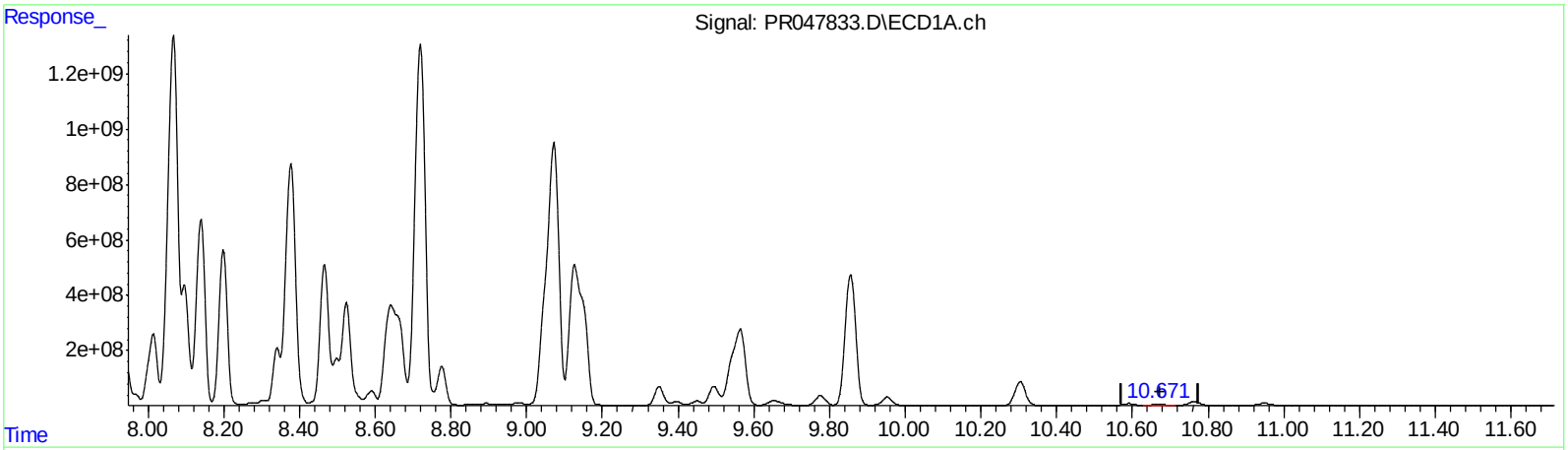
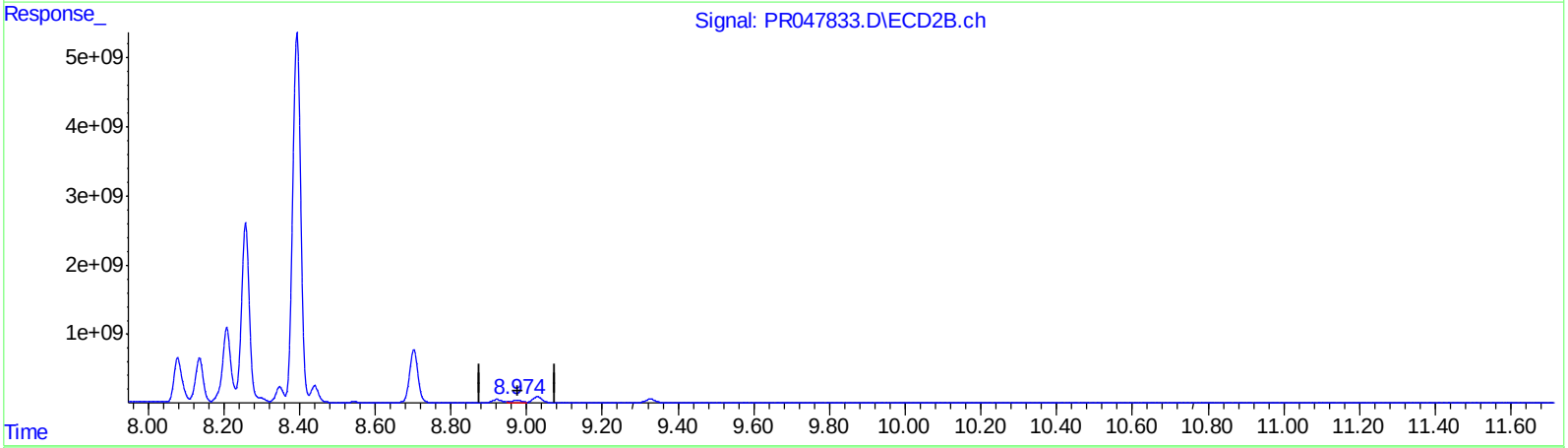




QEdit

(2) Decachlorobiphenyl (SA)

10.671min 47.045 ng/ml m

response 98598422

(2) Decachlorobiphenyl #2 (SA)

8.974min 40.436 ng/ml

response 525245805

(+) = Expected Retention Time

Quantitation Report (Qedit)

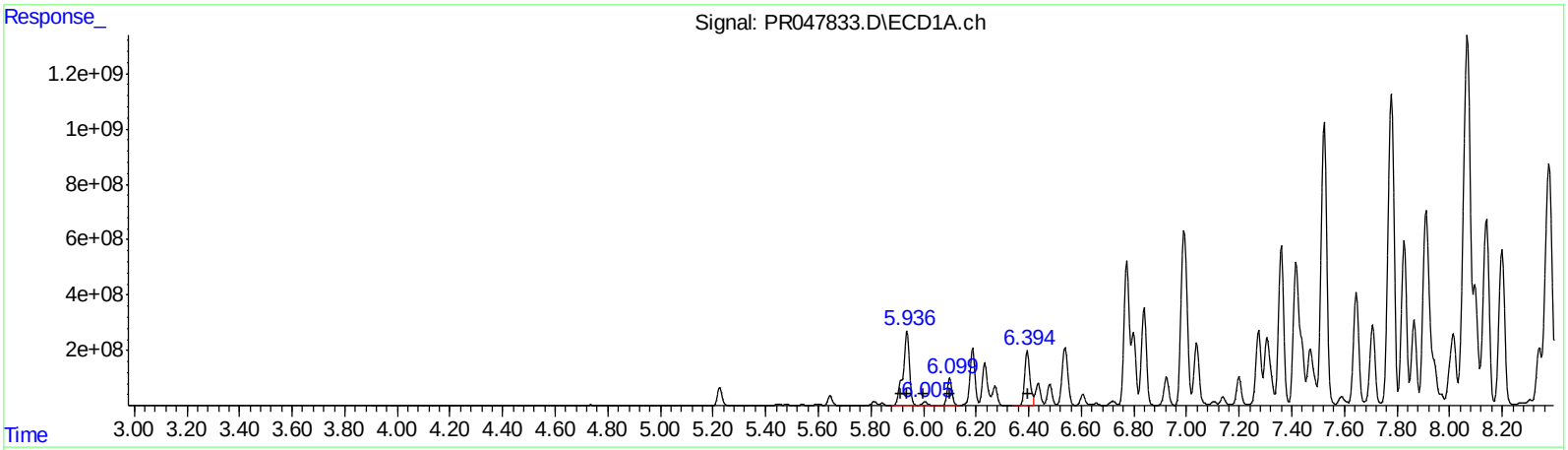
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101920\
Data File : PR047833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 04:02
Operator : AJ\MA
Sample : L4402-04MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

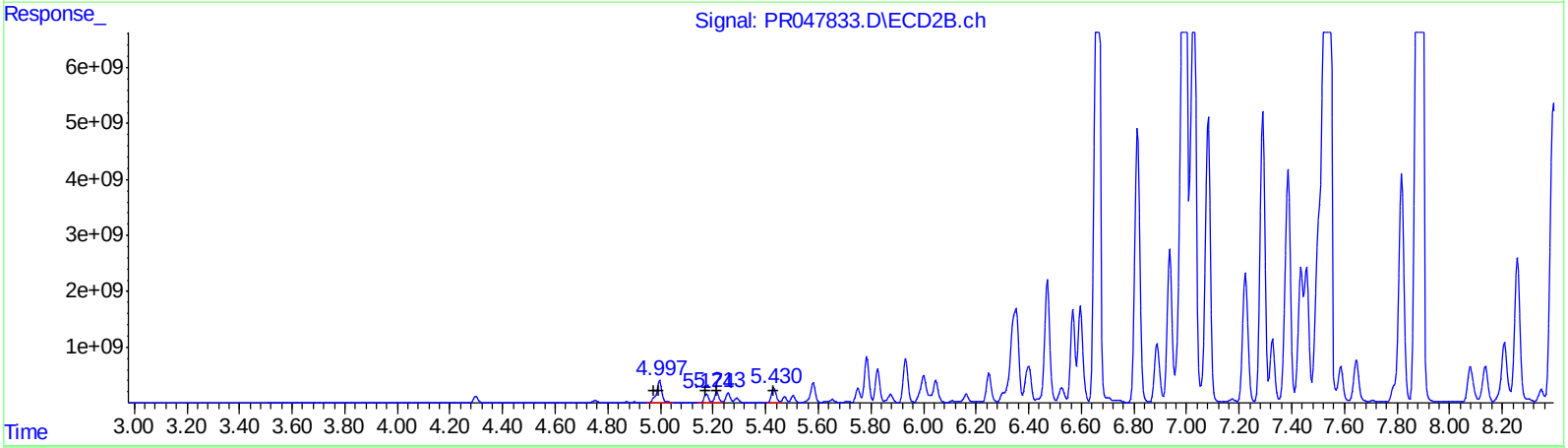
Instrument :
ECD_R
ClientSampleId :
C0AB6MS

Manual Integrations APPROVED
Ankita
10/20/2020 1:11:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 08:17:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 20 05:12:21 2020
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
5.94	4584880895	68650.16
5.94	4584880895	48645.05
6.01	189077887	3260.56
6.10	1235655495	25953.99
6.39	2756855107	57147.57

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

R.T.	Response	Conc
5.00	5752197709	78103.00
5.00	5752197709	39656.40
5.17	1894585320	24144.34
5.21	2197228509	54200.34
5.43	3326054865	47441.32

(+) = Expected Retention Time

Quantitation Report (Qedit)

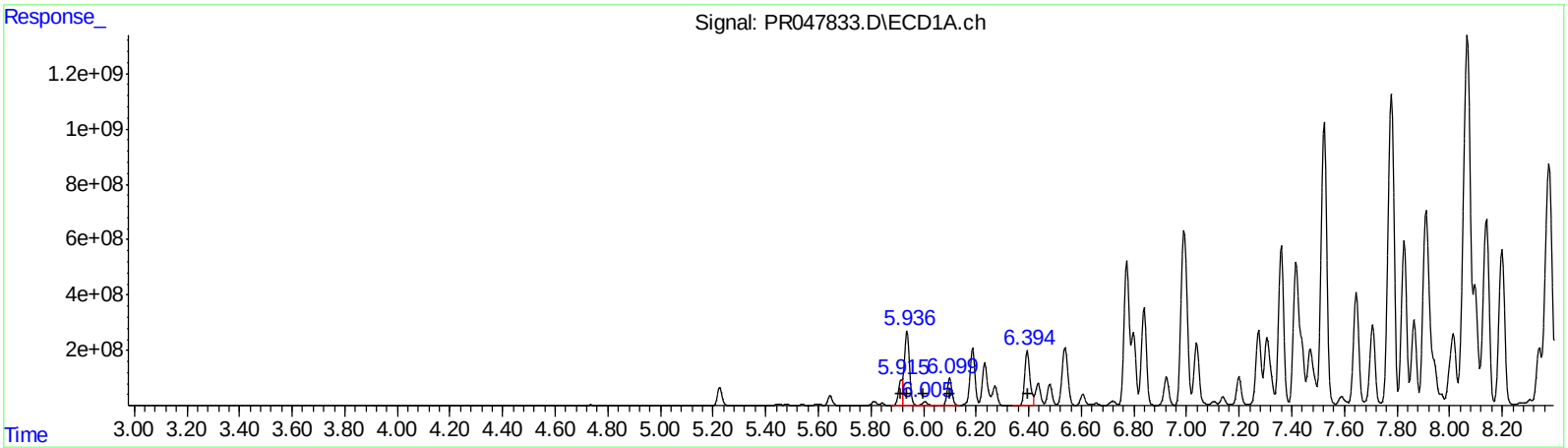
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101920\
Data File : PR047833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 04:02
Operator : AJ\MA
Sample : L4402-04MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

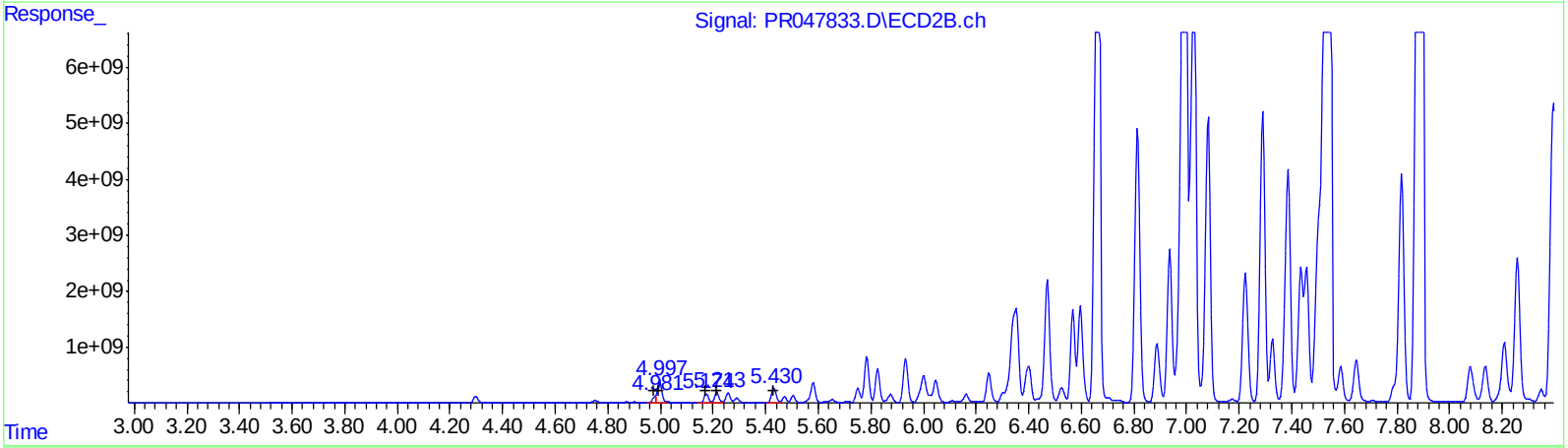
Instrument :
ECD_R
ClientSampleId :
C0AB6MS

Manual Integrations APPROVED
Ankita
10/20/2020 1:11:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 08:17:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 20 05:12:21 2020
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
5.91	905505051	13558.27
5.94	3669099650	38928.72
6.01	189077887	3260.56
6.10	1235655495	25953.99
6.39	2756855107	57147.57

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

R.T.	Response	Conc
4.98	881568384	11969.88
5.00	4713424325	32494.96
5.17	1894585320	24144.34
5.21	2197228509	54200.34
5.43	3326054865	47441.32

(+) = Expected Retention Time

Quantitation Report (Qedit)

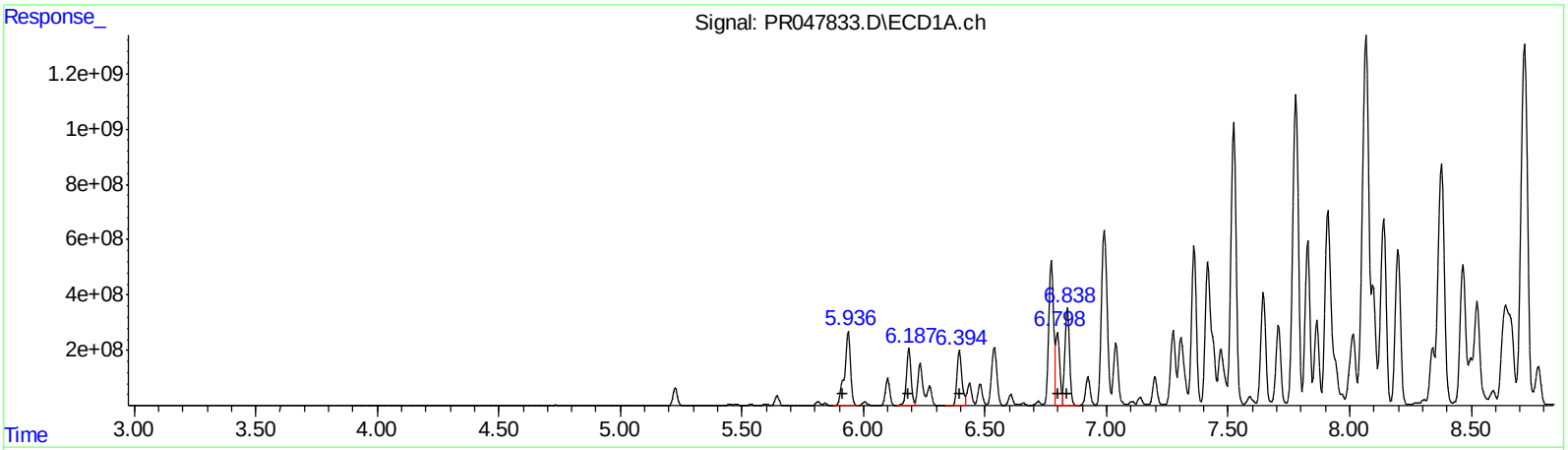
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101920\
Data File : PR047833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 04:02
Operator : AJ\MA
Sample : L4402-04MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

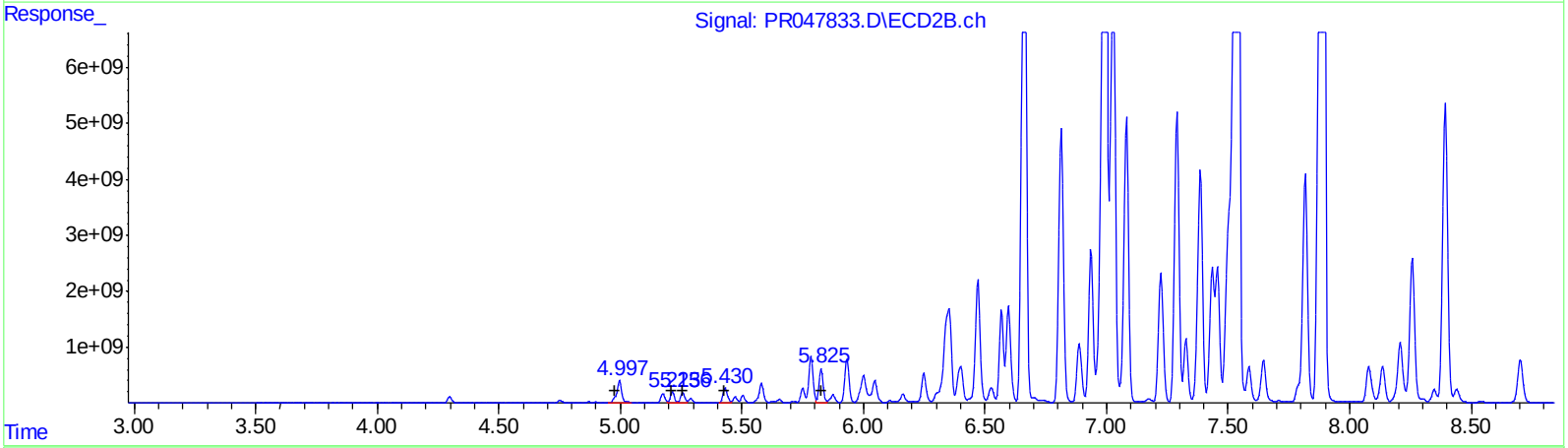
Instrument :
ECD_R
ClientSampleId :
C0AB6MS

Manual Integrations APPROVED
Ankita
10/20/2020 1:11:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 08:17:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 20 05:12:21 2020
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
5.94	4584880895	103142.84
6.19	2714787315	41900.27
6.39	2756855107	38324.62
6.80	3066484850	35164.49
6.84	4683405339	55966.51

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

R.T.	Response	Conc
5.00	5752197709	123838.05
5.21	2197228509	37737.15
5.26	2158715010	30034.19
5.43	3326054865	34374.27
5.83	7109449019	45512.83

(+) = Expected Retention Time

Quantitation Report (Qedit)

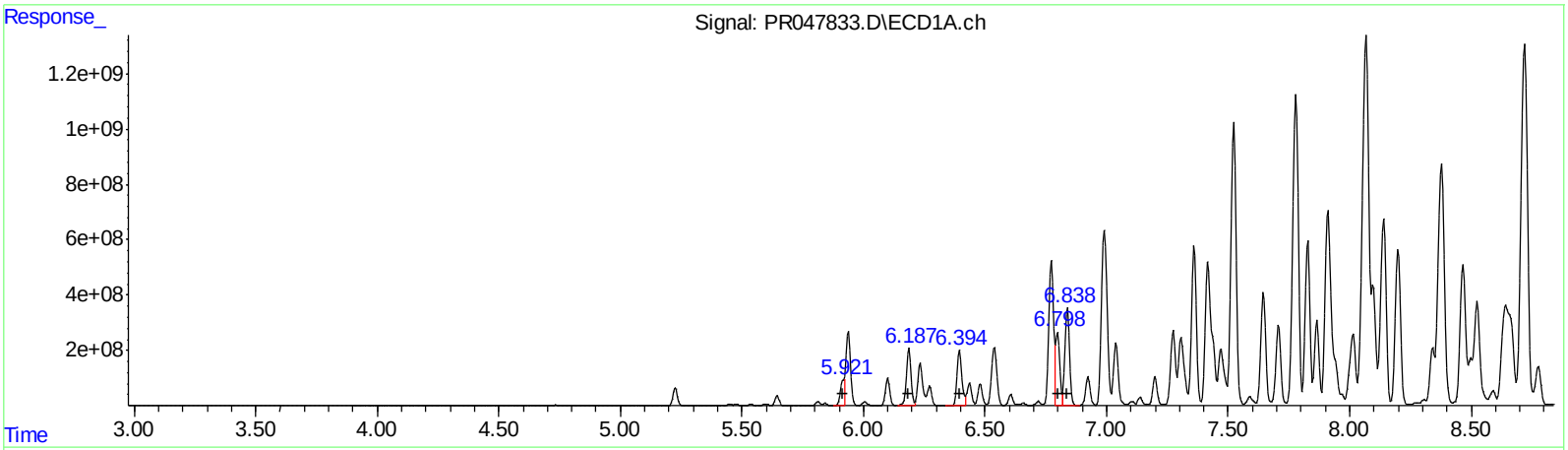
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101920\
Data File : PR047833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 04:02
Operator : AJ\MA
Sample : L4402-04MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

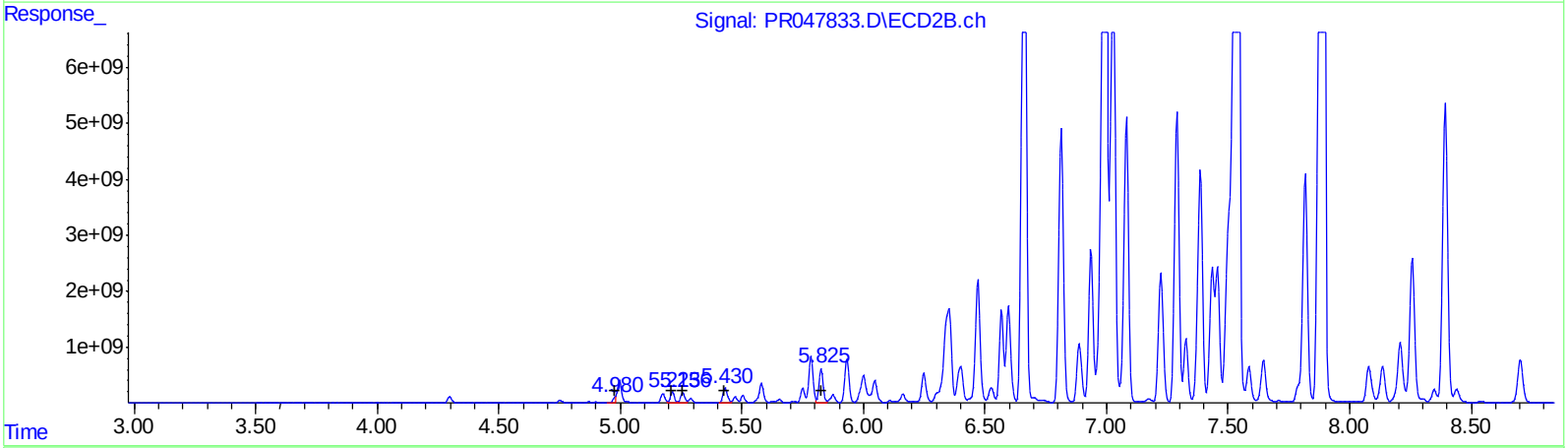
Instrument :
ECD_R
ClientSampleId :
C0AB6MS

Manual Integrations APPROVED
Ankita
10/20/2020 1:11:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 08:17:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101920CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 20 05:12:21 2020
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
5.92	971655814	21858.66
6.19	2714787315	41900.27
6.39	2756855107	38324.62
6.80	3066484850	35164.49
6.84	4683405339	55966.51

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

R.T.	Response	Conc
4.98	828115017	17828.34
5.21	2197228509	37737.15
5.26	2158715010	30034.19
5.43	3326054865	34374.27
5.83	7109449019	45512.83

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101920\
Data File : PR047833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 04:02
Operator : AJ\MA
Sample : L4402-04MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : ECD_R
ClientSampleId : C0AB6MS

Manual Integrations APPROVED
Ankita
10/20/2020 1:11:30 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 08:17:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101920CLP.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.735	3.886	33736334	43350938	21.261	15.361 #
2)	SA Decachlor...	10.671	8.974	98598422	525.2E6	47.045m	40.436
	Target Compounds						
3)	L1 AR-1016-1	5.915	4.981	905.5E6	881.6E6	13558.273m	11969.883m
4)	L1 AR-1016-2	5.936	4.997	3669.1E6	4713.4E6	38928.716m	32494.964m
5)	L1 AR-1016-3	6.005	5.174	189.1E6	1894.6E6	3260.556	24144.339 #
6)	L1 AR-1016-4	6.100	5.214	1235.7E6	2197.2E6	25953.994	54200.341 #
7)	L1 AR-1016-5	6.394	5.430	2756.9E6	3326.1E6	57147.573	47441.324
21)	L5 AR-1248-1	5.921	4.980	971.7E6	828.1E6	21858.656m	17828.343m
22)	L5 AR-1248-2	6.187	5.214	2714.8E6	2197.2E6	41900.267	37737.153
23)	L5 AR-1248-3	6.394	5.257	2756.9E6	2158.7E6	38324.621	30034.194
24)	L5 AR-1248-4	6.798	5.430	3066.5E6	3326.1E6	35164.488	34374.272
25)	L5 AR-1248-5	6.838	5.826	4683.4E6	7109.4E6	55966.511	45512.825
31)	L7 AR-1260-1	7.523	6.471	15314.2E6	30140.1E6	161219.444	182170.379
32)	L7 AR-1260-2	7.779	6.672	18165.7E6	50076.2E6	152518.562	93902.966 #
33)	L7 AR-1260-3	8.140	6.820	10760.9E6	42479.1E6	113705.898	128531.373
34)	L7 AR-1260-4	8.378	7.293	16149.2E6	41623.0E6	148425.668	101773.375 #
35)	L7 AR-1260-5	8.719	7.546	24765.4E6	92974.2E6	108691.499	48272.439 #

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

AJ 10/24/20