Quantitation Report (Qedit)

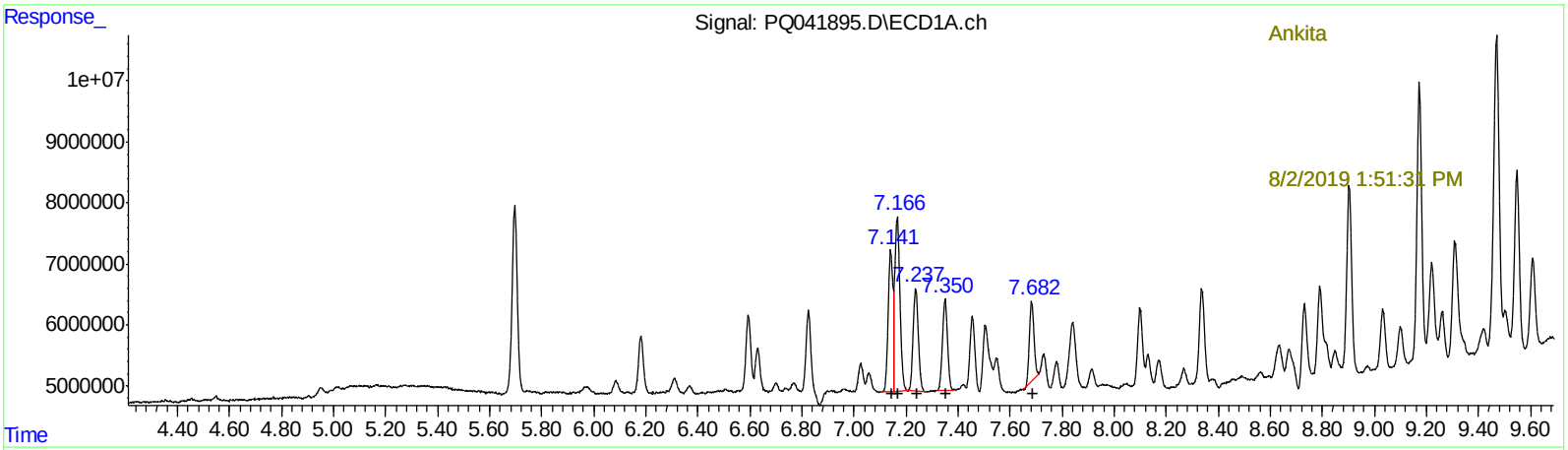
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

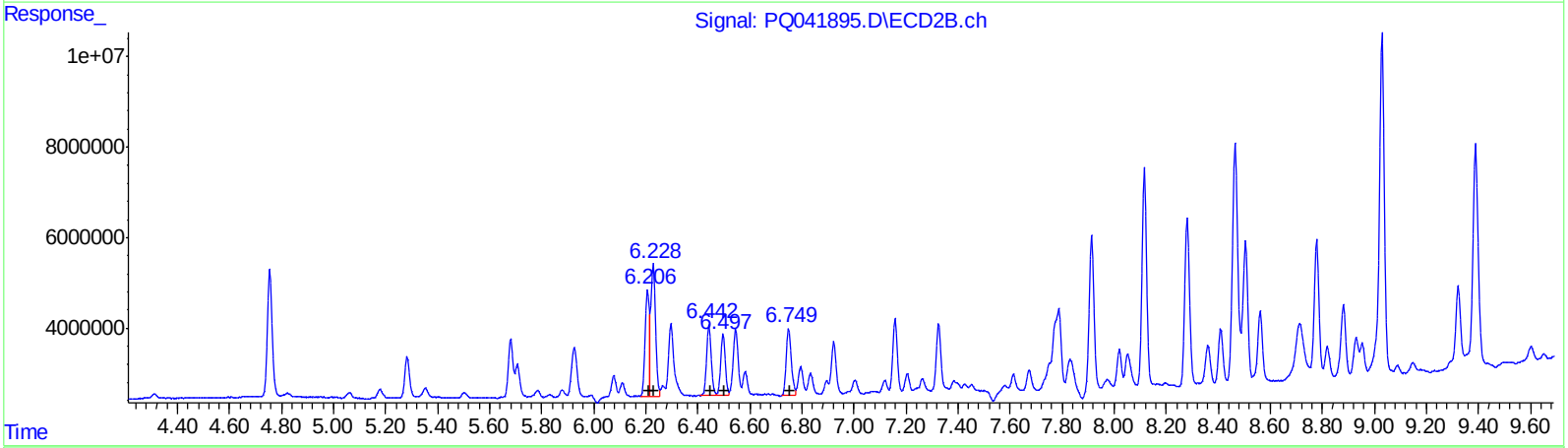
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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	28149002	260.44
7.17	40164489	256.60
7.24	23660983	244.61
7.35	20005270	256.43
7.68	15833682	201.42

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

R.T.	Response	Conc
6.21	26739926	257.69
6.23	36288839	253.29
6.44	19543812	262.08
6.50	16674282	268.90
6.75	20187168	247.99

(+) = Expected Retention Time

Quantitation Report (Qedit)

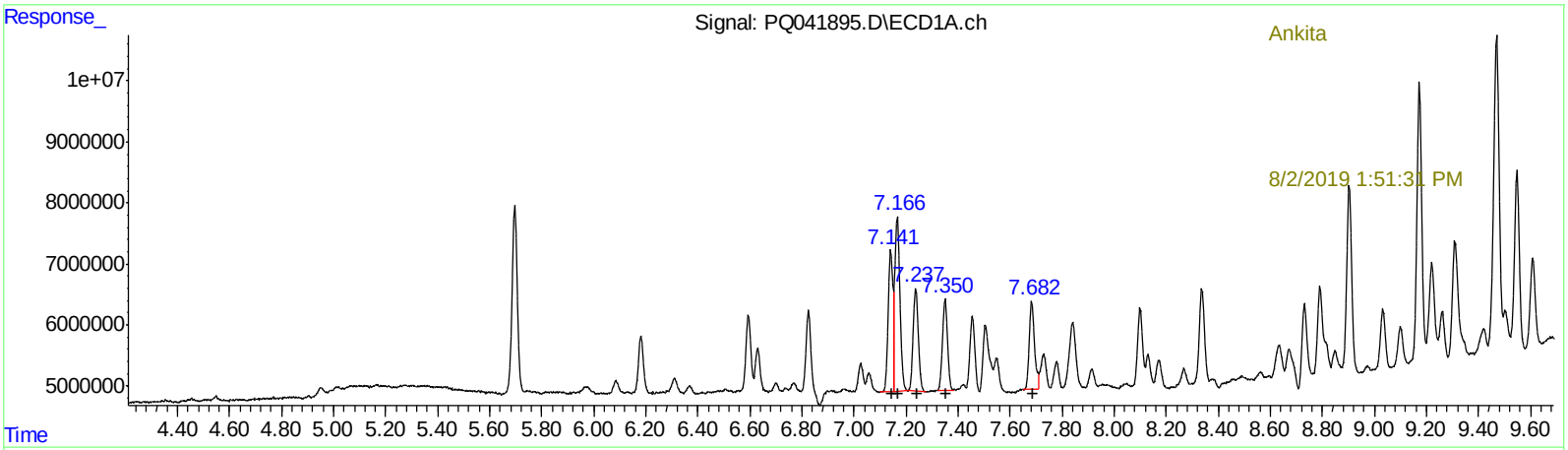
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

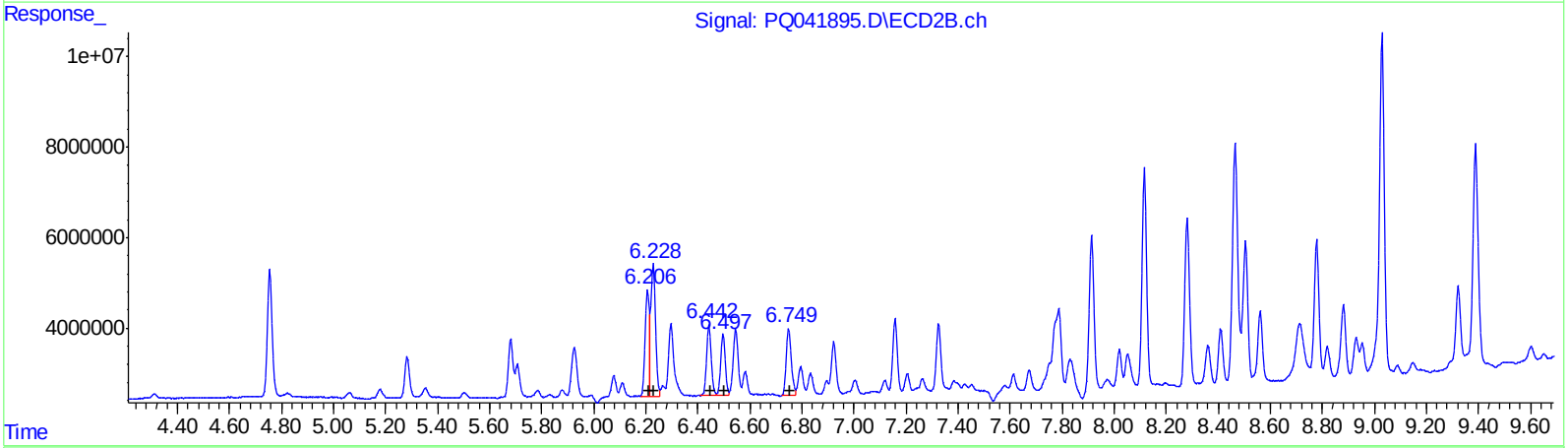
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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	28149002	260.44
7.17	40164489	256.60
7.24	23660983	244.61
7.35	20005270	256.43
7.68	20507457	260.88

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

R.T.	Response	Conc
6.21	26739926	257.69
6.23	36288839	253.29
6.44	19543812	262.08
6.50	16674282	268.90
6.75	20187168	247.99

(+) = Expected Retention Time

Quantitation Report (Qedit)

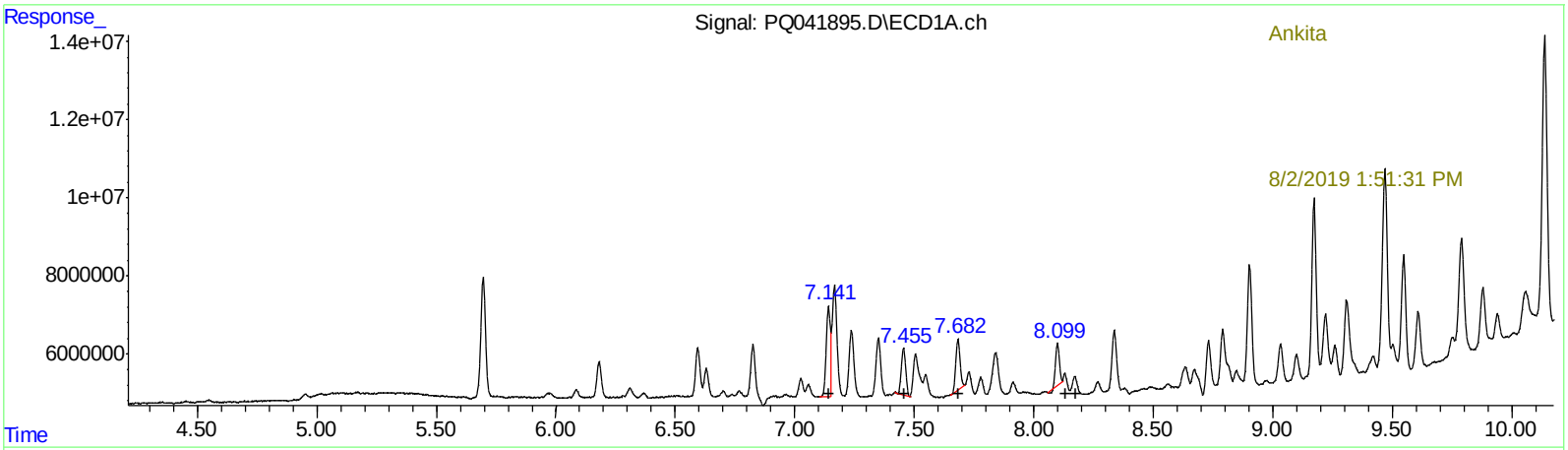
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

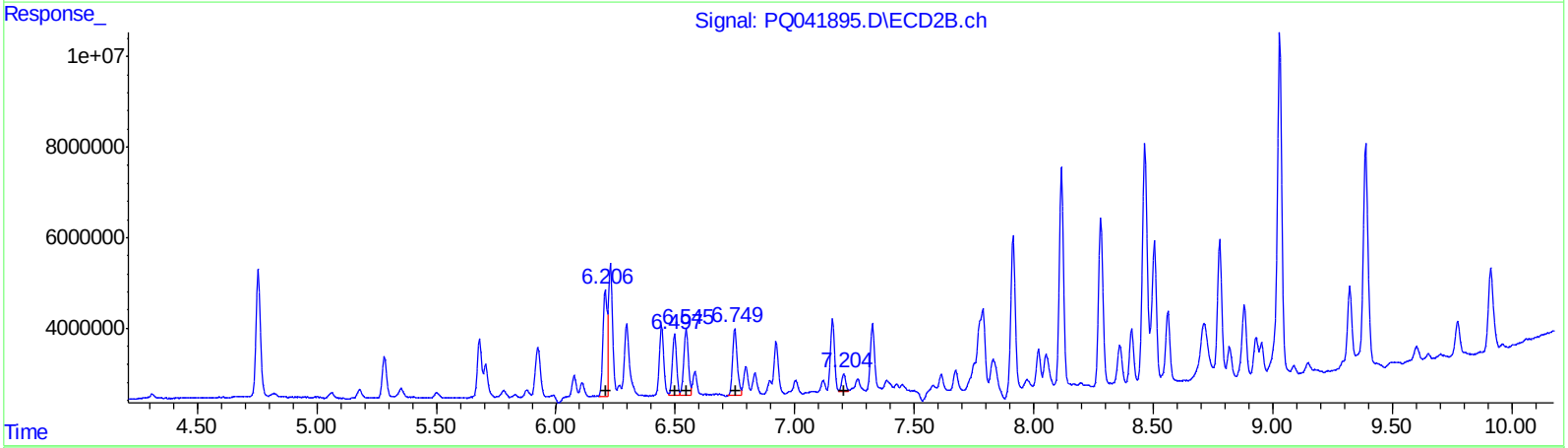
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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

(21) AR-1248-1 (L5)

R.T.	Response	Conc
7.14	28149002	379.69
7.46	15275415	165.56
7.68	15833682	141.32
8.10	11277561	72.13
0.00	0	0.00

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

R.T.	Response	Conc
6.21	26739926	403.29
6.50	16674282	191.25
6.55	19312796	216.38
6.75	20187168	183.28
7.20	4645468	36.24

(+) = Expected Retention Time

Quantitation Report (Qedit)

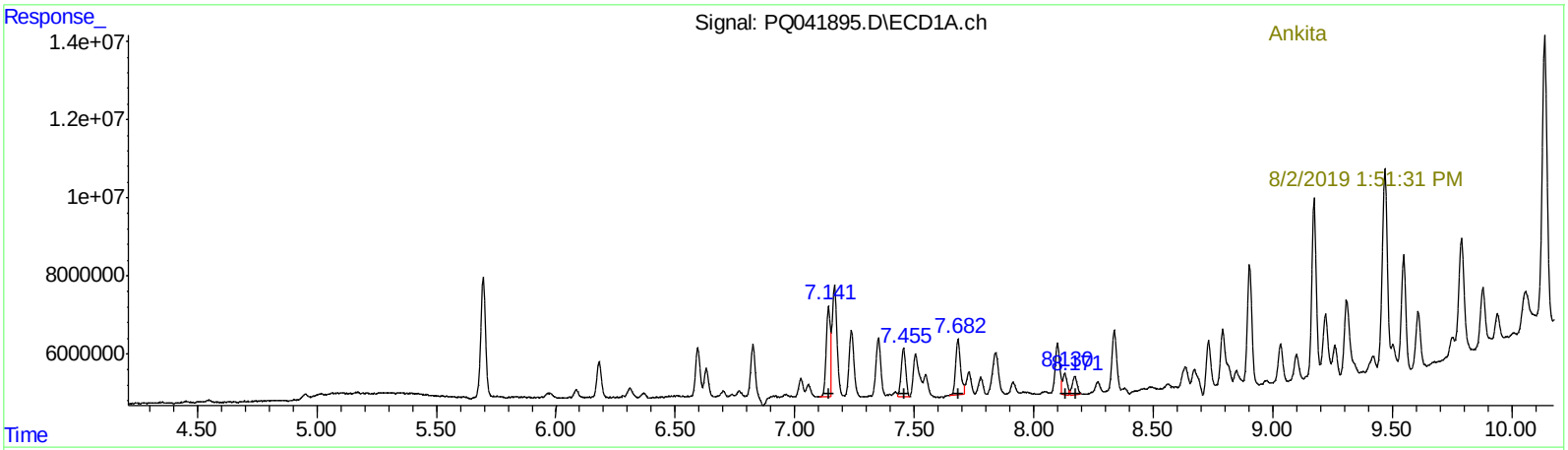
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

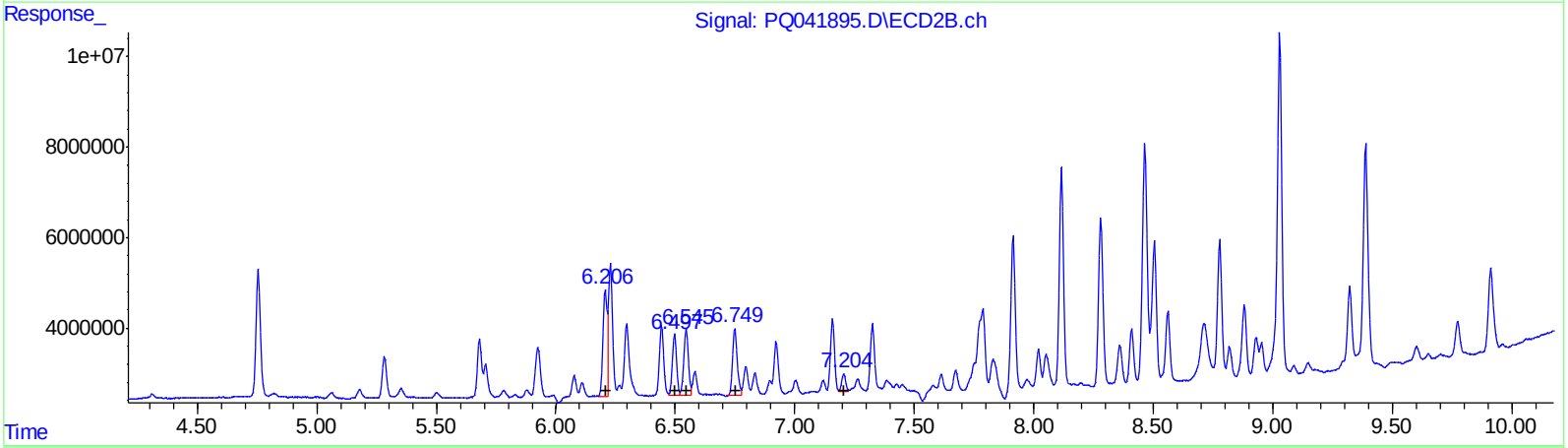
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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

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

R.T.	Response	Conc
7.14	28149002	379.69
7.46	16555896	179.44
7.68	20220413	180.47
8.13	6971799	44.59
8.17	6910081	45.66

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

R.T.	Response	Conc
6.21	26739926	403.29
6.50	16674282	191.25
6.55	19312796	216.38
6.75	20187168	183.28
7.20	4645468	36.24

(+) = Expected Retention Time

Quantitation Report (Qedit)

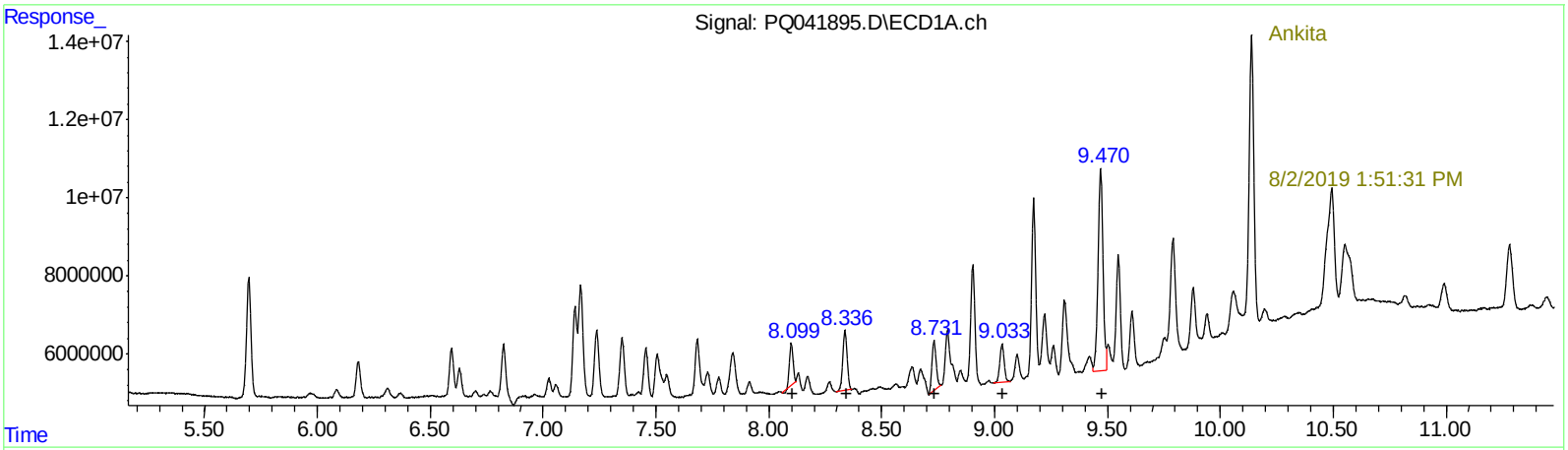
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

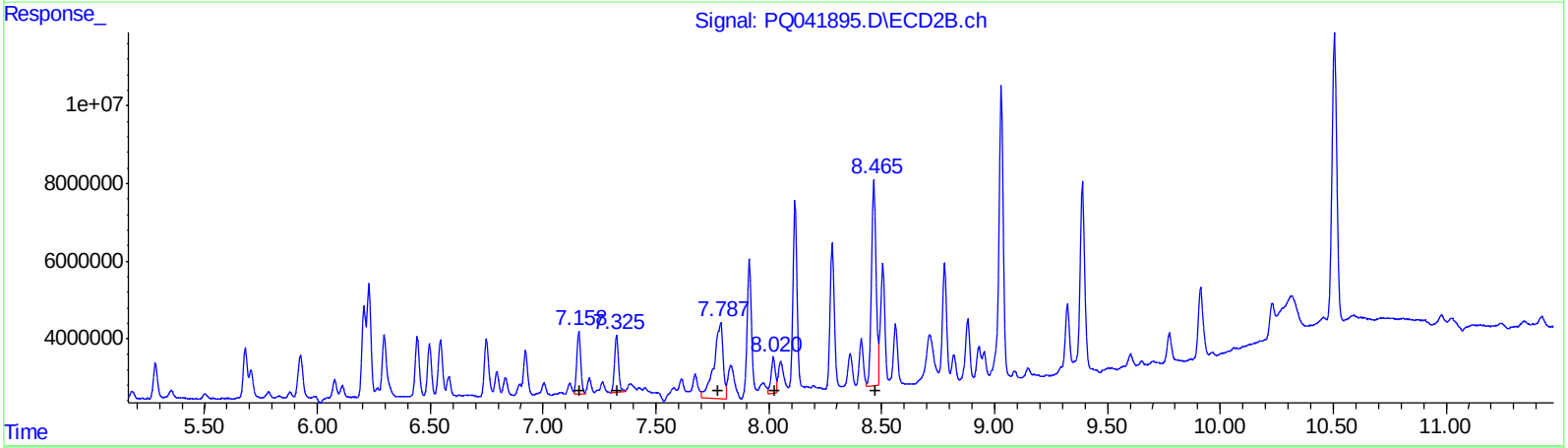
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	11277561	81.07
8.34	20796640	90.86
8.73	16561925	60.57
9.03	12997870	52.80
9.47	78140480	288.51

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

R.T.	Response	Conc
7.16	19342256	105.76
7.33	17968918	111.01
7.79	55073825	190.96
8.02	12203442	56.22
8.47	75439863	250.82

(+) = Expected Retention Time

Quantitation Report (Qedit)

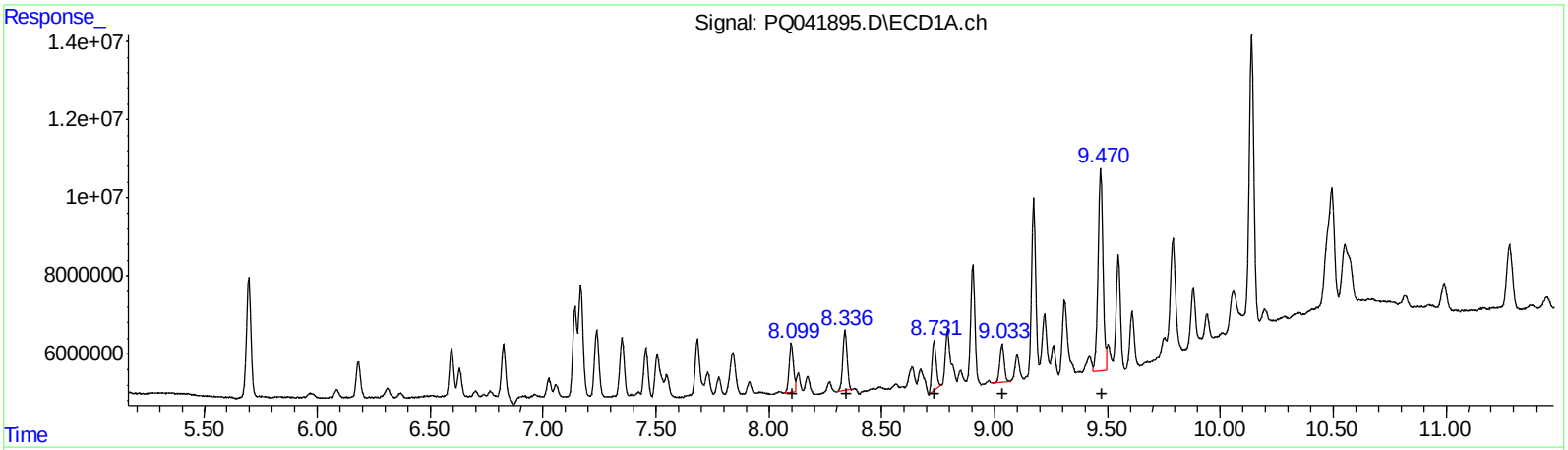
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

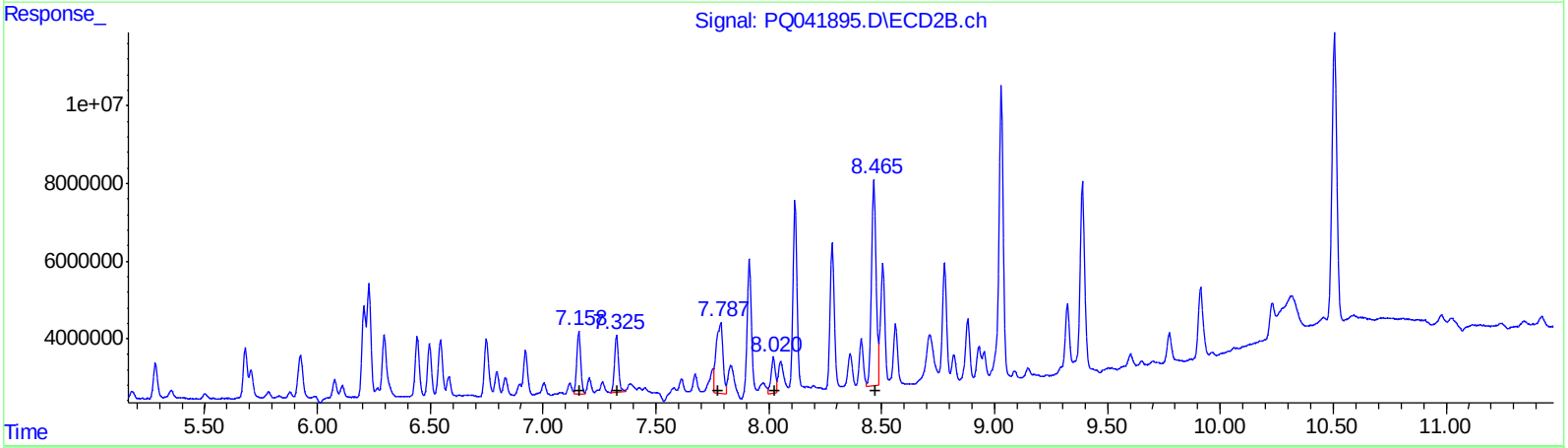
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:31 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	16604041	119.36
8.34	20796640	90.86
8.73	16561925	60.57
9.03	12997870	52.80
9.47	78140480	288.51

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

R.T.	Response	Conc
7.16	19342256	105.76
7.33	17968918	111.01
7.79	37297953	129.32
8.02	12203442	56.22
8.47	75439863	250.82

(+) = Expected Retention Time

Quantitation Report (Qedit)

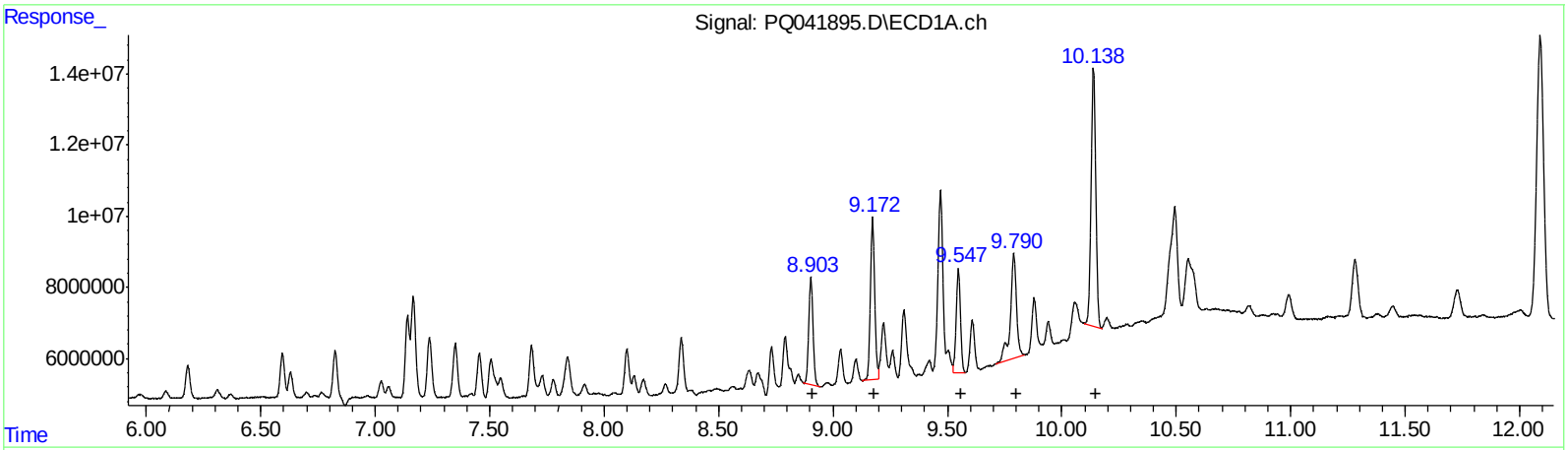
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

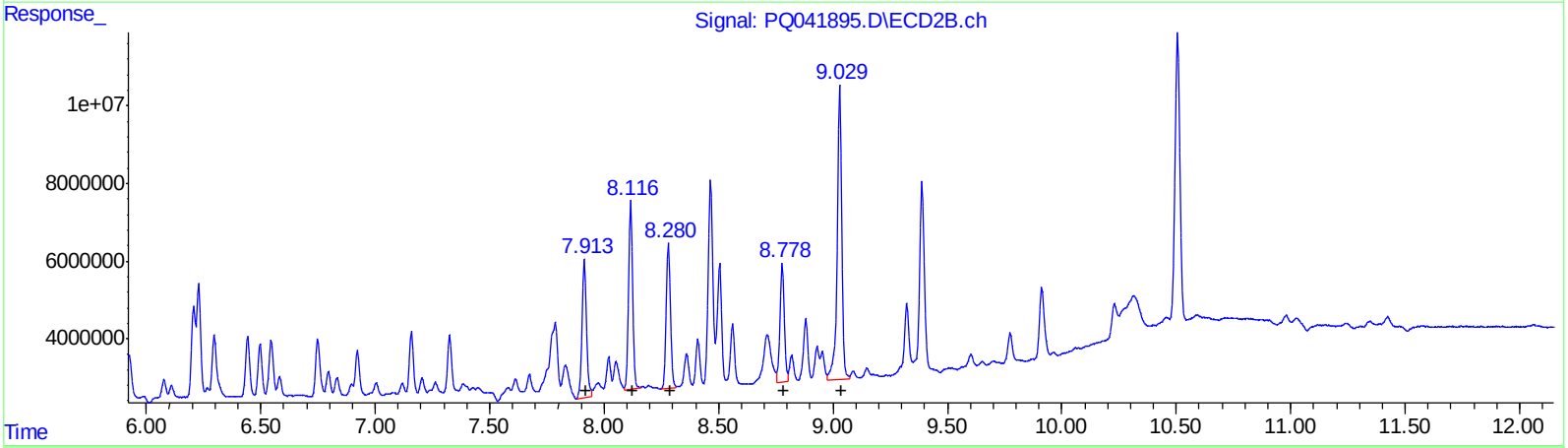
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:31 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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 (L7)

R.T.	Response	Conc
8.90	39200445	220.37
9.17	59288809	235.02
9.55	38357549	167.40
9.79	54284942	212.60
10.14	102811976	152.63

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

R.T.	Response	Conc
7.91	48623634	268.00
8.12	59560515	242.77
8.28	48849840	229.58
8.78	40177726	198.62
9.03	104405398	176.90

(+) = Expected Retention Time

Quantitation Report (Qedit)

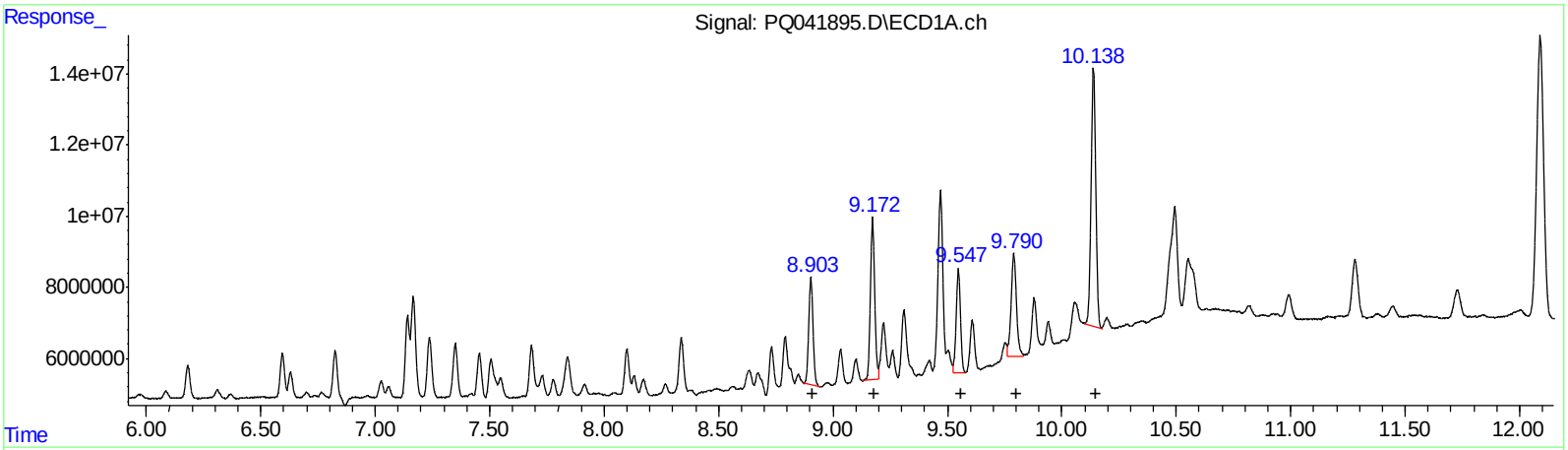
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

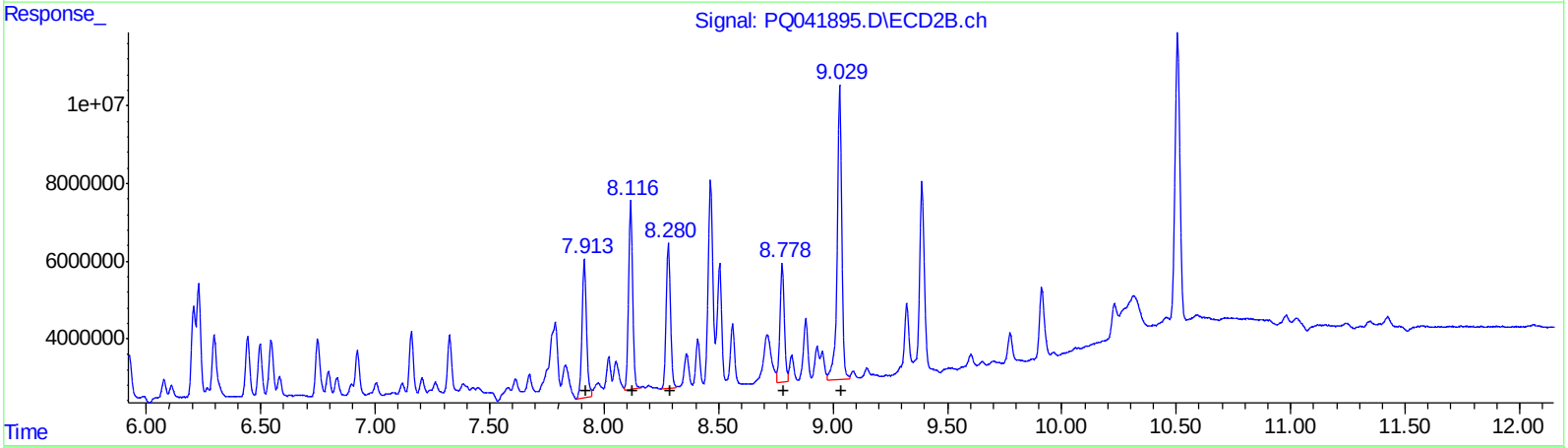
Instrument :
ECD_Q
ClientSampleId :
BENQ8MS

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:31 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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	39200445	220.37
9.17	59288809	235.02
9.55	38357549	167.40
9.79	46138337	180.69
10.14	102811976	152.63

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

R.T.	Response	Conc
7.91	48623634	268.00
8.12	59560515	242.77
8.28	48849840	229.58
8.78	40177726	198.62
9.03	104405398	176.90

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 00:51
Operator : SM\AJ
Sample : K4029-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 04:37:53 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 :
BENQ8MS

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:31 PM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.696	4.754	42220878	35399530	18.410	18.368
2)	SA Decachlor...	12.090	10.505	168.1E6	107.3E6	19.939	22.178
	Target Compounds						
3)	L1 AR-1016-1	7.141	6.206	28149002	26739926	260.436	257.686
4)	L1 AR-1016-2	7.167	6.228	40164489	36288839	256.597	253.291
5)	L1 AR-1016-3	7.238	6.443	23660983	19543812	244.614	262.080
6)	L1 AR-1016-4	7.350	6.497	20005270	16674282	256.431	268.895
7)	L1 AR-1016-5	7.682	6.749	20507457	20187168	260.875m	247.989
21)	L5 AR-1248-1	7.141	6.206	28149002	26739926	379.694	403.293
22)	L5 AR-1248-2	7.455	6.497	16555896	16674282	179.442m	191.246
23)	L5 AR-1248-3	7.682	6.545	20220413	19312796	180.473m	216.376
24)	L5 AR-1248-4	8.130	6.749	6971799	20187168	44.589m	183.284 #
25)	L5 AR-1248-5	8.171	7.205	6910081	4645468	45.664m	36.243
26)	L6 AR-1254-1	8.099	7.158	16604041	19342256	119.355m	105.762
27)	L6 AR-1254-2	8.337	7.325	20796640	17968918	90.861	111.007
28)	L6 AR-1254-3	8.731	7.787	16561925	37297953	60.572	129.324m#
29)	L6 AR-1254-4	9.033	8.020	12997870	12203442	52.799	56.218
30)	L6 AR-1254-5	9.470	8.465	78140480	75439863	288.506	250.824
31)	L7 AR-1260-1	8.903	7.914	39200445	48623634	220.369	268.003
32)	L7 AR-1260-2	9.173	8.116	59288809	59560515	235.016	242.771
33)	L7 AR-1260-3	9.548	8.281	38357549	48849840	167.402	229.582 #
34)	L7 AR-1260-4	9.790	8.778	46138337	40177726	180.692m	198.615
35)	L7 AR-1260-5	10.139	9.030	102.8E6	104.4E6	152.633	176.898

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

AJ
08/12/19