Quantitation Report (Qedit)

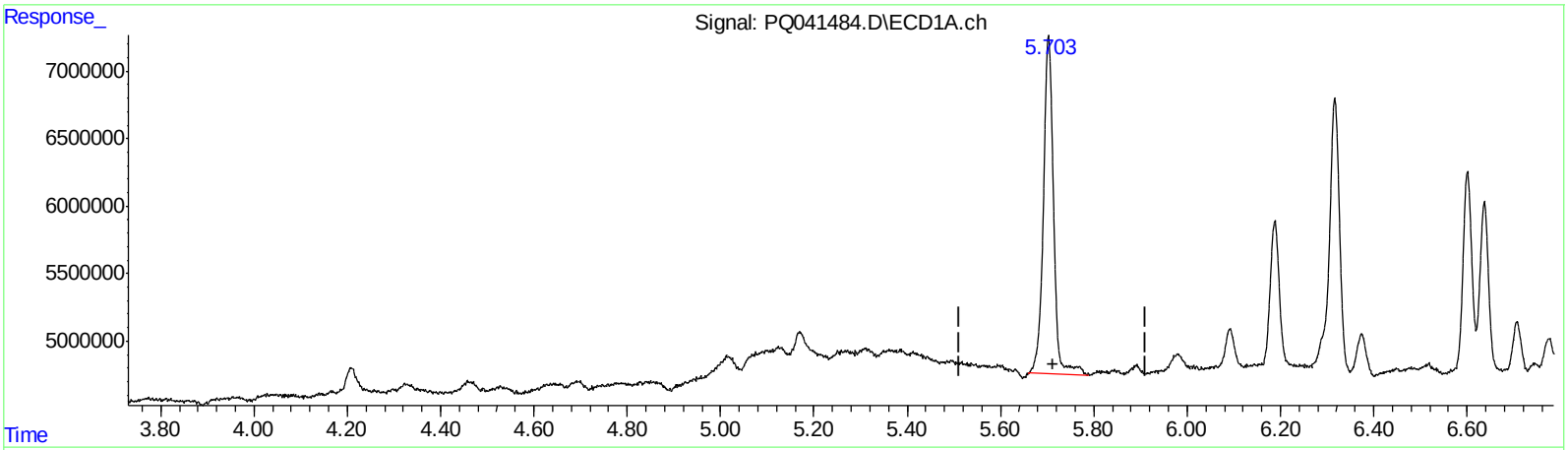
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
Operator : SM\AJ
Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

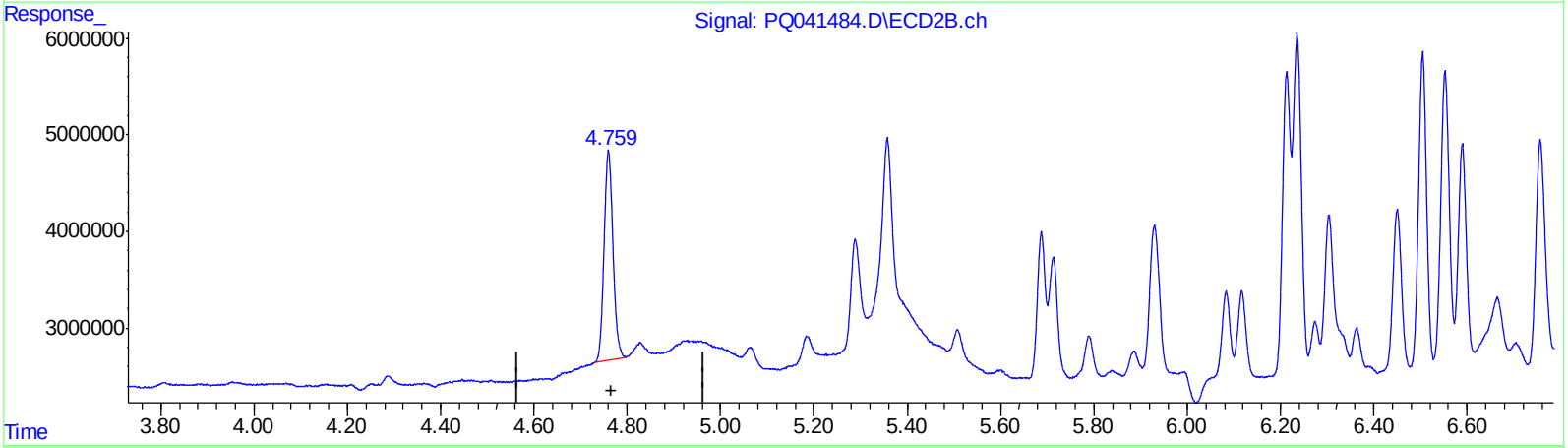
Instrument :
ECD_Q
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:45:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

(1) Tetrachloro-m-xylene (SA)

5.703min 9.850 ng/ml

response 37707545

(1) Tetrachloro-m-xylene #2 (SA)

4.760min 9.559 ng/ml

response 28735597

(+) = Expected Retention Time

Quantitation Report (Qedit)

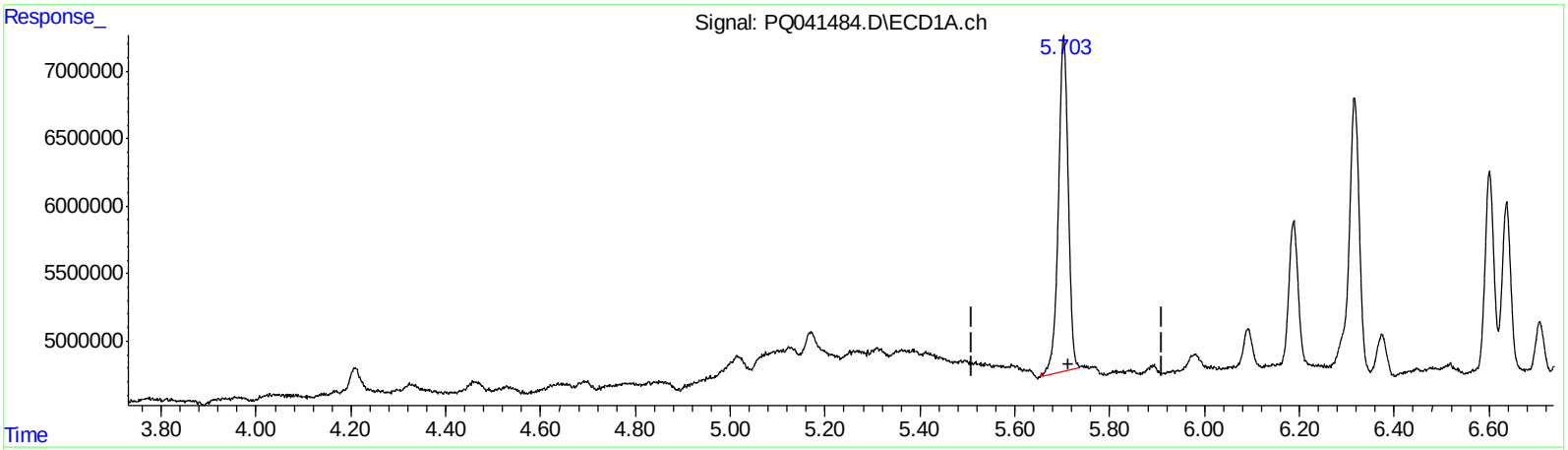
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
Operator : SM\AJ
Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

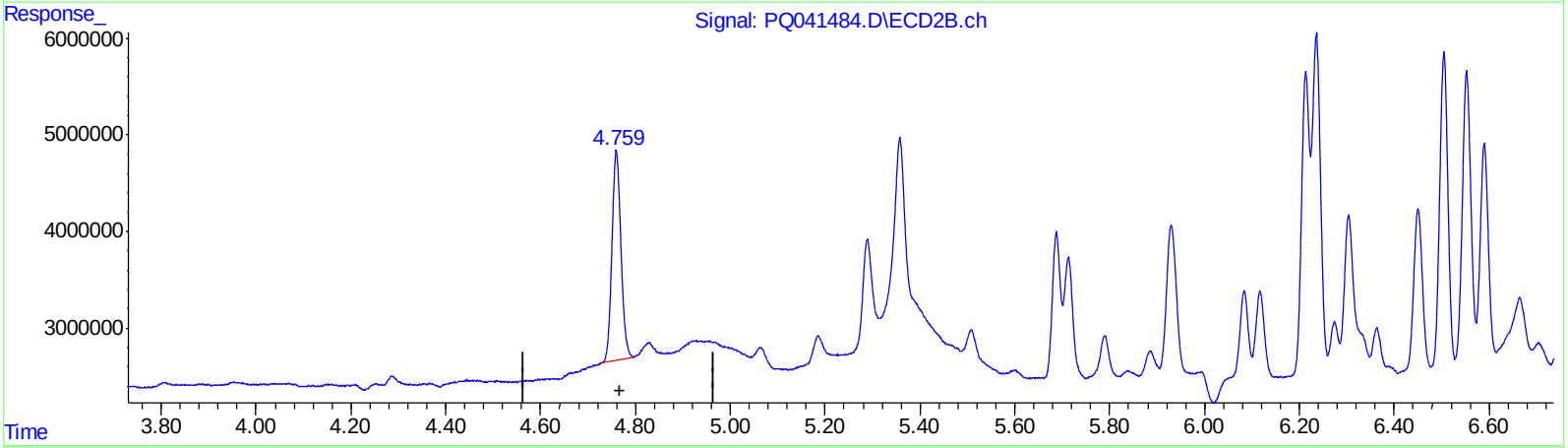
Instrument :
ECD_Q
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:45:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

(1) Tetrachloro-m-xylene (SA)

5.703min 9.351 ng/ml m

response 35795576

(1) Tetrachloro-m-xylene #2 (SA)

4.760min 9.559 ng/ml

response 28735597

(+) = Expected Retention Time

Quantitation Report (Qedit)

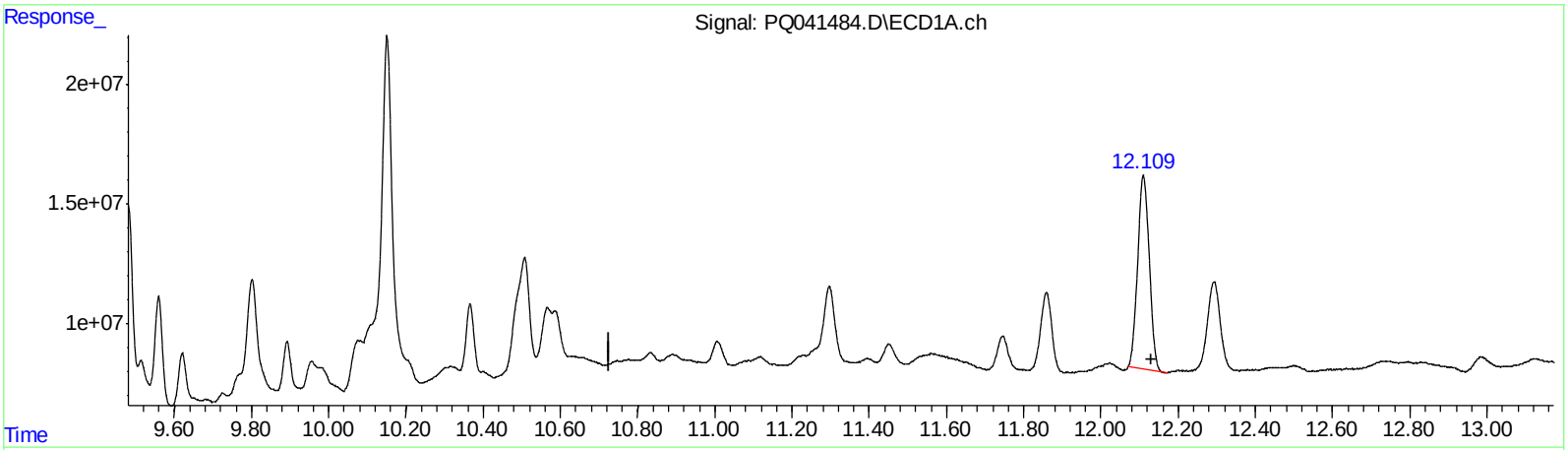
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
Operator : SM\AJ
Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

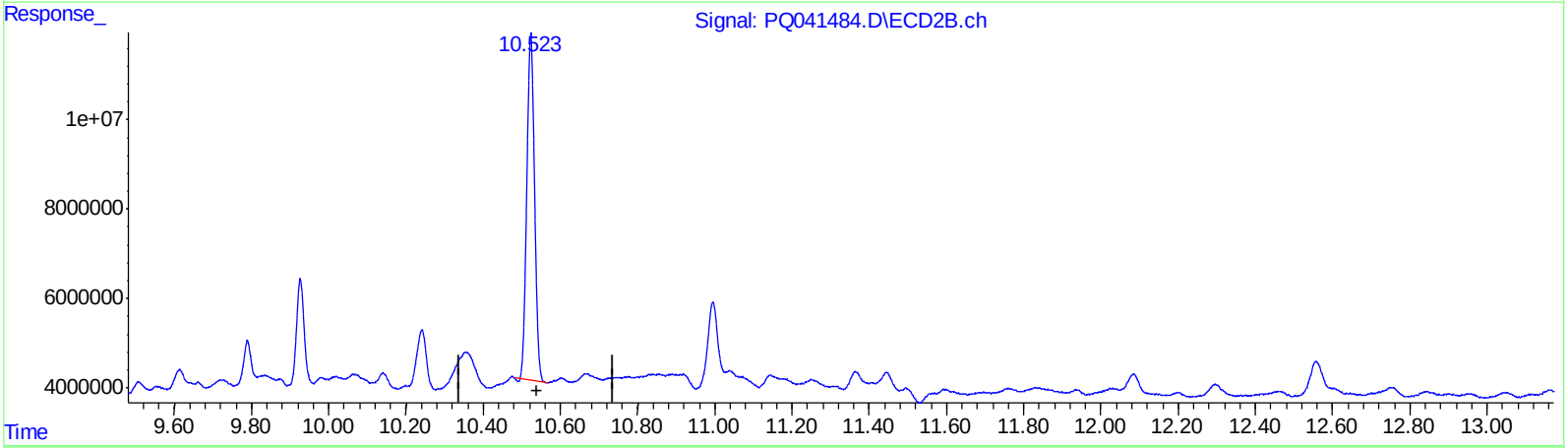
Instrument :
ECD_Q
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:45:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

(2) Decachlorobiphenyl (SA)

12.110min 16.383 ng/ml

response 169458650

(2) Decachlorobiphenyl #2 (SA)

10.523min 23.623 ng/ml

response 107643800

(+) = Expected Retention Time

Quantitation Report (Qedit)

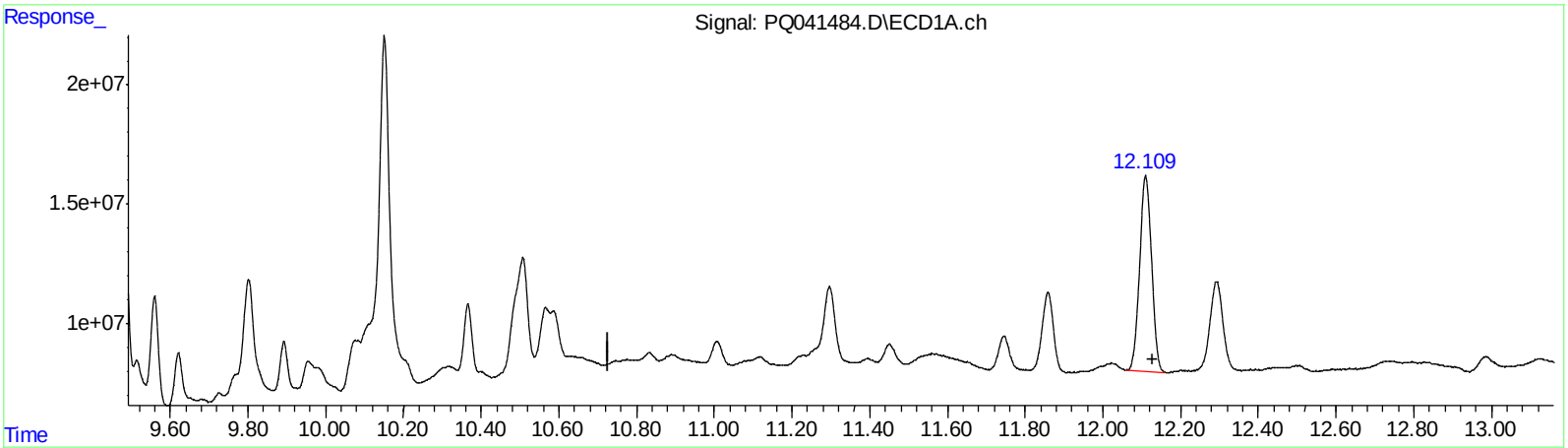
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
Operator : SM\AJ
Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

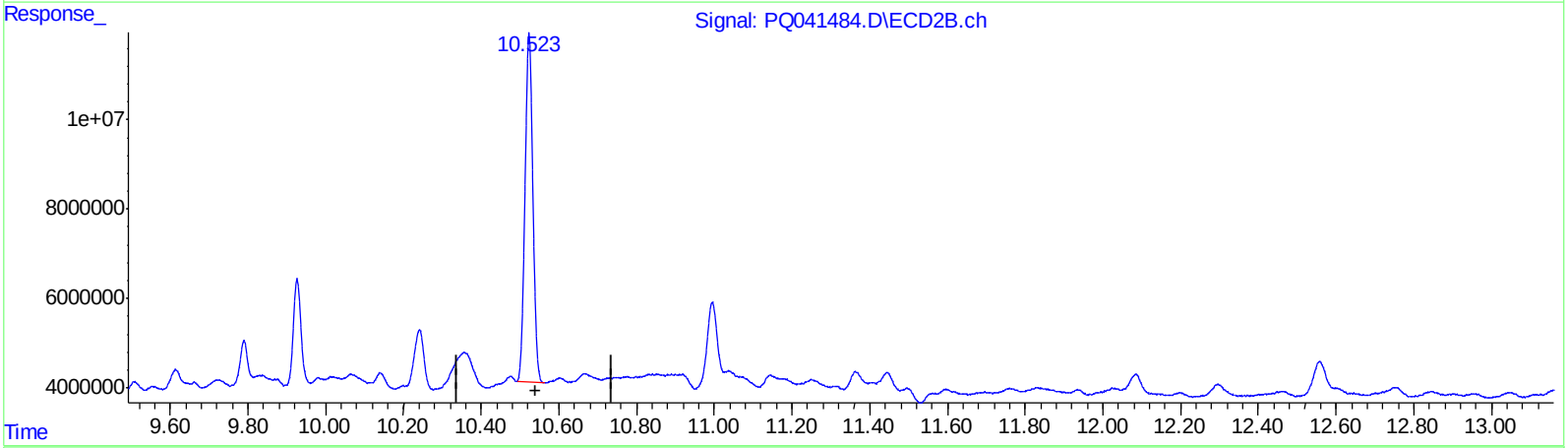
Instrument :
ECD_Q
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:45:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

(2) Decachlorobiphenyl (SA)

12.109min 16.916 ng/ml m

response 174972543

(2) Decachlorobiphenyl #2 (SA)

10.523min 24.095 ng/ml m

response 109795124

(+) = Expected Retention Time

Quantitation Report (Qedit)

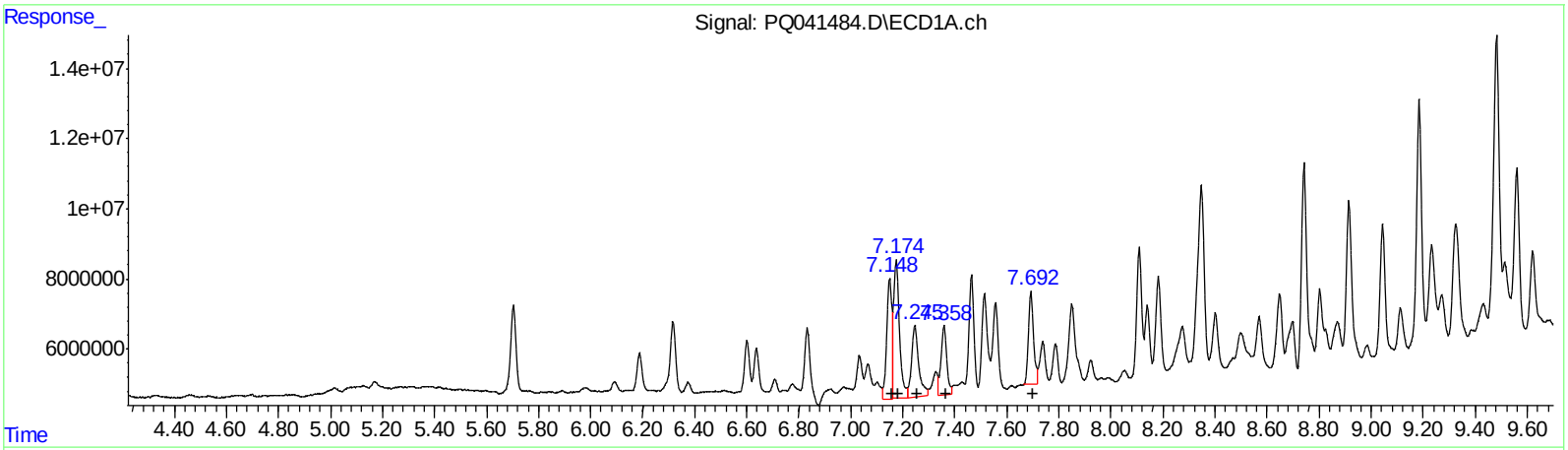
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
Operator : SM\AJ
Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

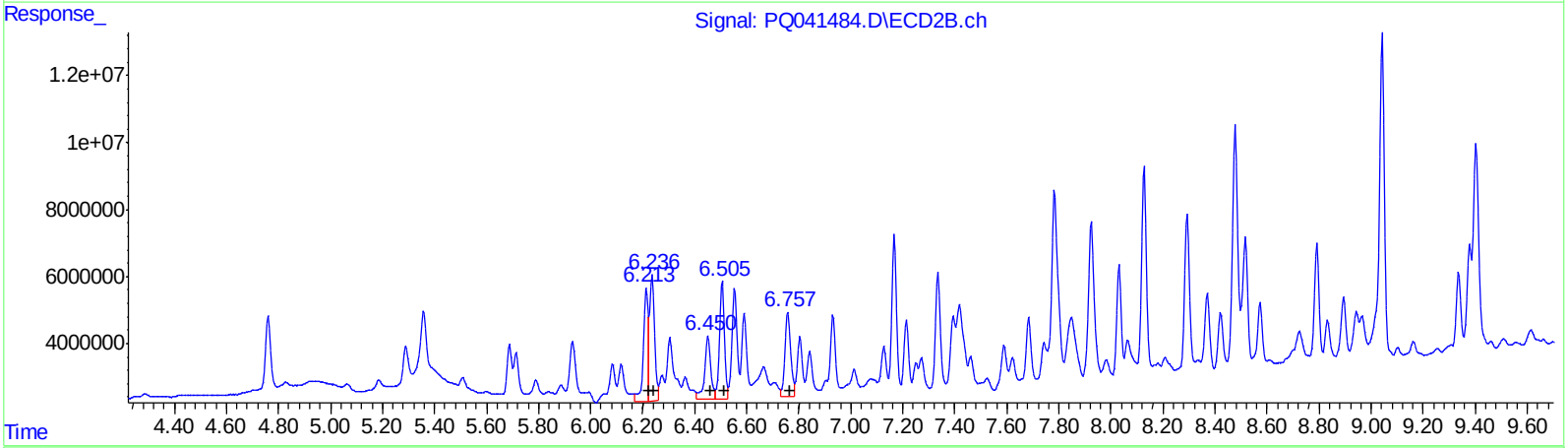
Instrument :
ECD_Q
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:45:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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
7.15	46635326	267.20
7.17	62432756	236.74
7.25	39140498	241.95
7.36	29804900	221.16
7.69	35984253	270.42

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

R.T.	Response	Conc
6.21	43705769	298.71
6.24	48980217	235.32
6.45	31014226	274.69
6.51	46415302	509.13
6.76	39312403	327.11

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
Operator : SM\AJ
Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:45:32 2019
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Quant Title : GC EXTRACTABLES
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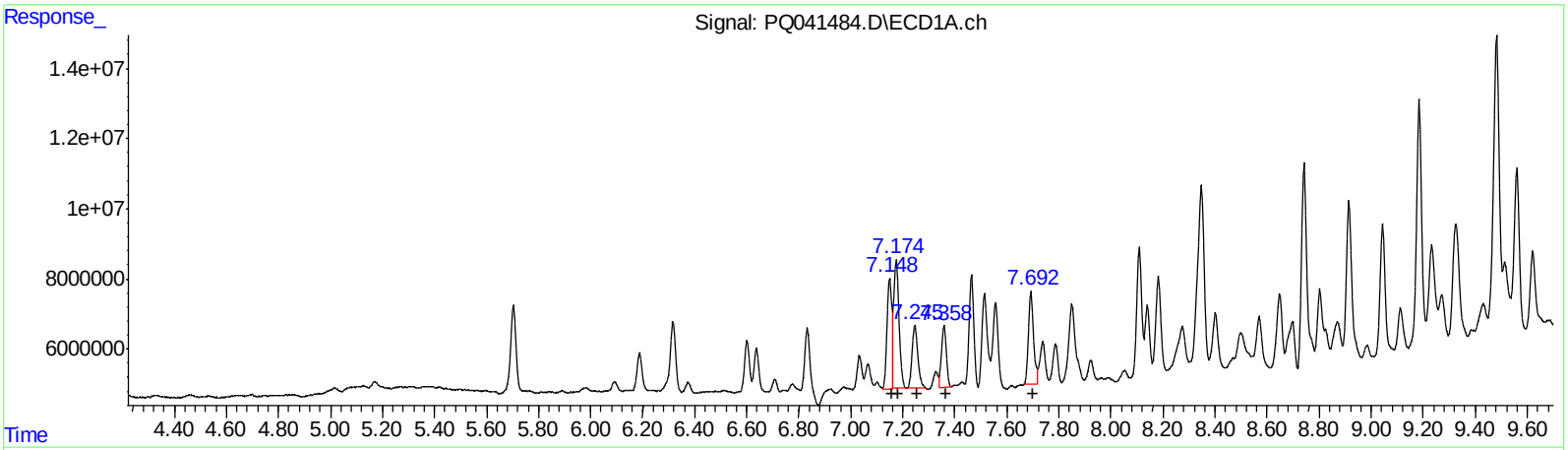
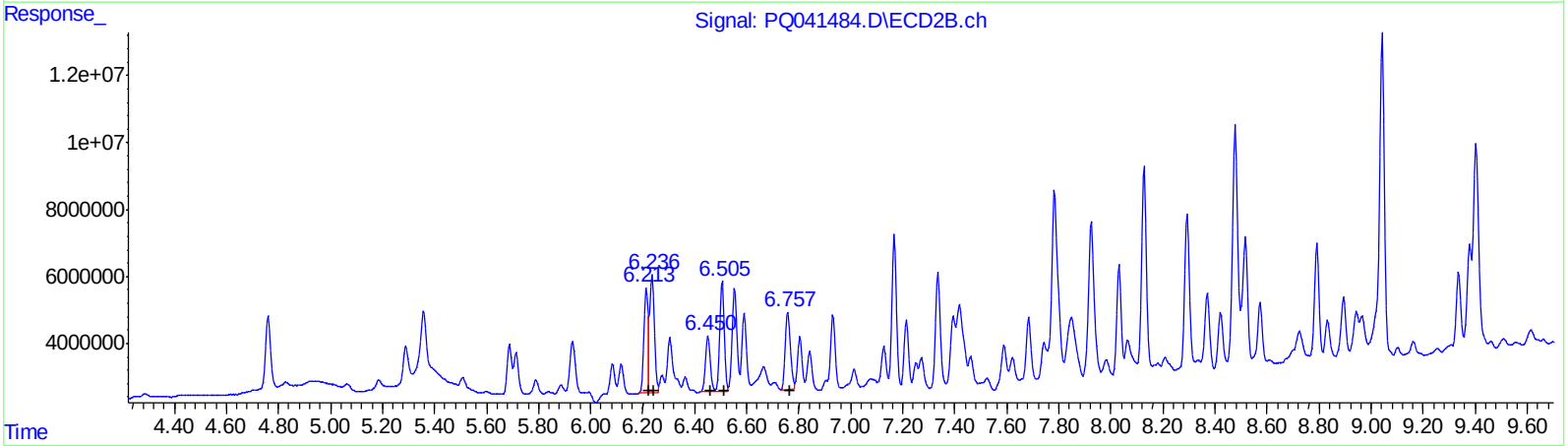
Response via : Initial Calibration
Integrator: ChemStation

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





QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
7.15	38542883	220.84
7.17	52826955	200.31
7.25	27667095	171.02
7.36	23679515	175.70
7.69	35984253	270.42

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

R.T.	Response	Conc
6.21	35216216	240.69
6.24	43052357	206.84
6.45	21383040	189.39
6.50	39943357	438.14
6.76	32536415	270.73

(+) = Expected Retention Time

Quantitation Report (Qedit)

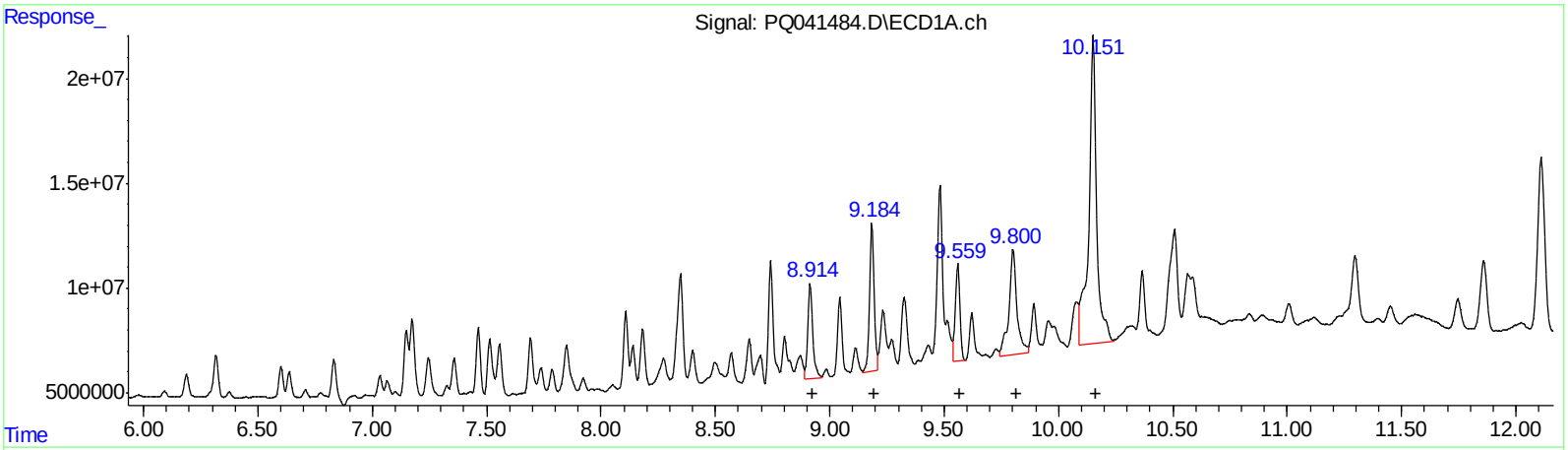
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
Operator : SM\AJ
Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

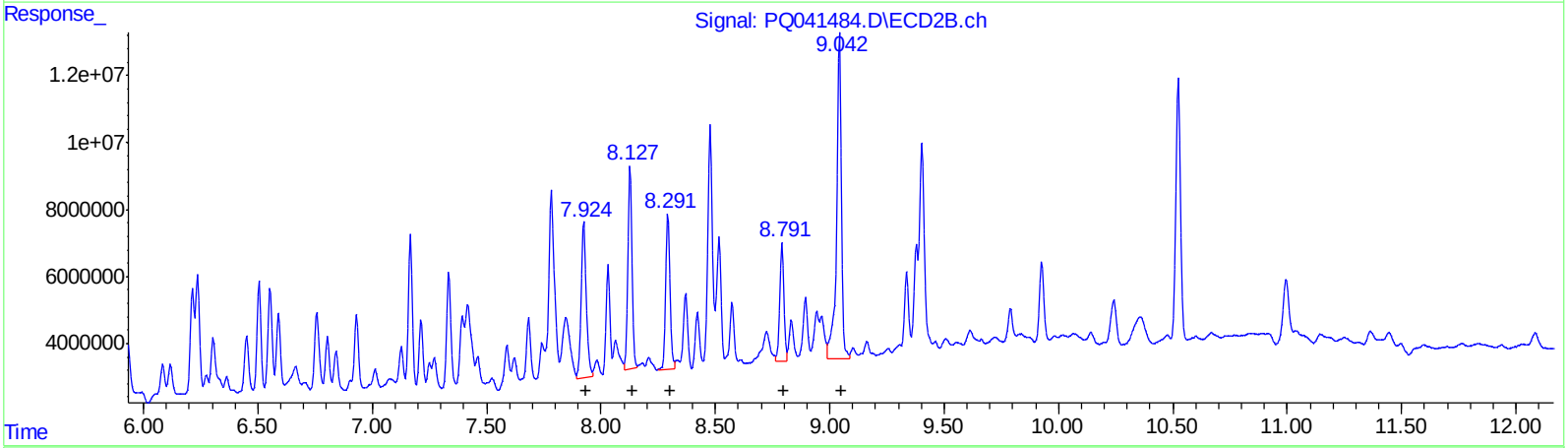
Instrument :
ECD_Q
ClientSampleId :
BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:45:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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
8.91	68244483	225.89
9.18	99062839	216.12
9.56	66021373	155.49
9.80	121334918	288.24
10.15	354325744	331.58

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

R.T.	Response	Conc
7.92	71776369	269.88
8.13	75710566	208.66
8.29	61576051	196.09
8.79	45059718	158.28
9.04	142366052	191.46

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 19:21
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Manual Integrations APPROVED
Ankita
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Integration File signal 1: autoint1.e
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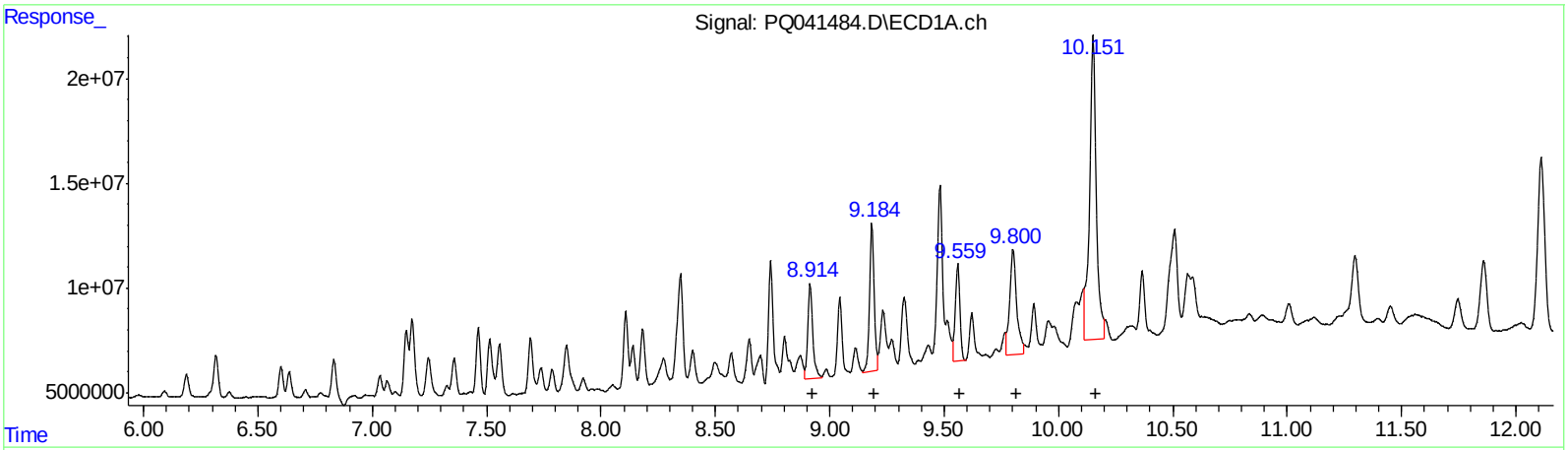

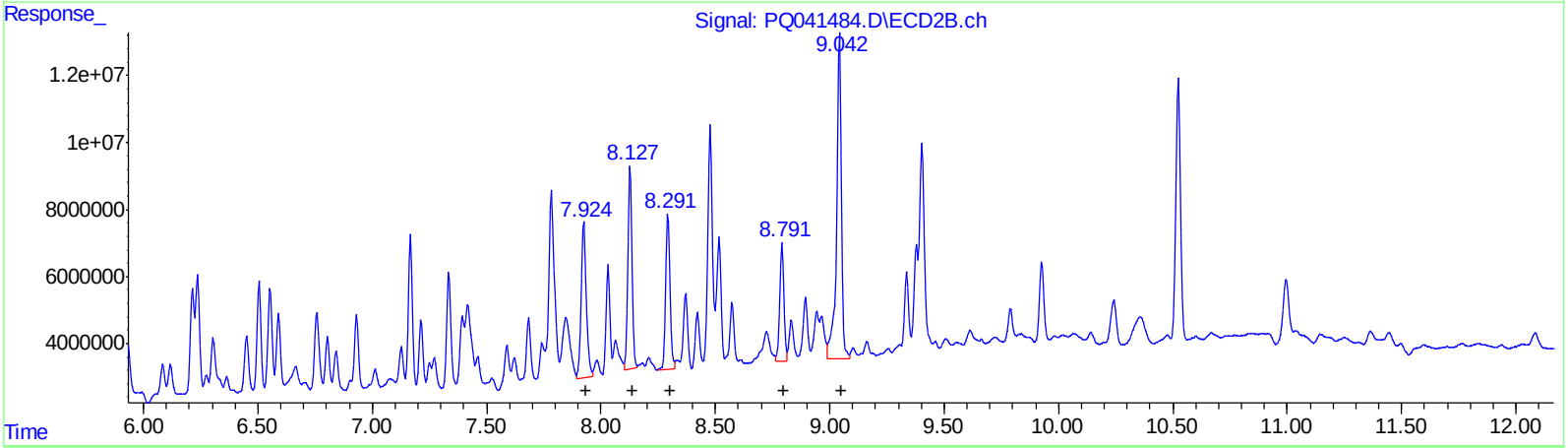

QEdit

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

R.T.	Response	Conc
8.91	68244483	225.89
9.18	99062839	216.12
9.56	66021373	155.49
9.80	107949406	256.44
10.15	299034890	279.84

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

R.T.	Response	Conc
7.92	71776369	269.88
8.13	75710566	208.66
8.29	61576051	196.09
8.79	45059718	158.28
9.04	142366052	191.46

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
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Sample : K3893-07MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : BEP11MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:24:51 AM

Integration File signal 1: autoint1.e
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Integrator: ChemStation

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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...	5.703	4.760	35795576	28735597	9.351m	9.559
2)	SA Decachlor...	12.109	10.523	175.0E6	109.8E6	16.916m	24.095m#
	Target Compounds						
3)	L1 AR-1016-1	7.148	6.213	38542883	35216216	220.835m	240.691m
4)	L1 AR-1016-2	7.174	6.236	52826955	43052357	200.313m	206.841m
5)	L1 AR-1016-3	7.245	6.450	27667095	21383040	171.024m	189.388m
6)	L1 AR-1016-4	7.358	6.505	23679515	39943357	175.705m	438.142m#
7)	L1 AR-1016-5	7.692	6.757	35984253	32536415	270.416	270.729m
21)	L5 AR-1248-1	7.149	6.214	46635326	43705769	502.761	544.158
22)	L5 AR-1248-2	7.464	6.505	44546151	46415302	361.993	414.367
23)	L5 AR-1248-3	7.692	6.553	35984253	45465045	229.147	393.884 #
24)	L5 AR-1248-4	8.140	6.757	27724205	39312403	128.347	271.577 #
25)	L5 AR-1248-5	8.182	7.213	43964956	28363937	206.448	168.550
26)	L6 AR-1254-1	8.109	7.167	52059612	60137251	256.829	236.477
27)	L6 AR-1254-2	8.348	7.334	104.0E6	48921144	301.053	213.828 #
28)	L6 AR-1254-3	8.742	7.782	85208976	101.9E6	205.627	250.986
29)	L6 AR-1254-4	9.044	8.031	51231526	37989626	141.552	139.059
30)	L6 AR-1254-5	9.482	8.477	137.9E6	99760913	343.384	249.856 #
31)	L7 AR-1260-1	8.914	7.924	68244483	71776369	225.890	269.882
32)	L7 AR-1260-2	9.184	8.127	99062839	75710566	216.120	208.655
33)	L7 AR-1260-3	9.560	8.292	66021373	61576051	155.495	196.089 #
34)	L7 AR-1260-4	9.800	8.791	107.9E6	45059718	256.444m	158.282 #
35)	L7 AR-1260-5	10.151	9.042	299.0E6	142.4E6	279.842m	191.459 #

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

AJ 07/31/19