Quantitation Report (Qedit)

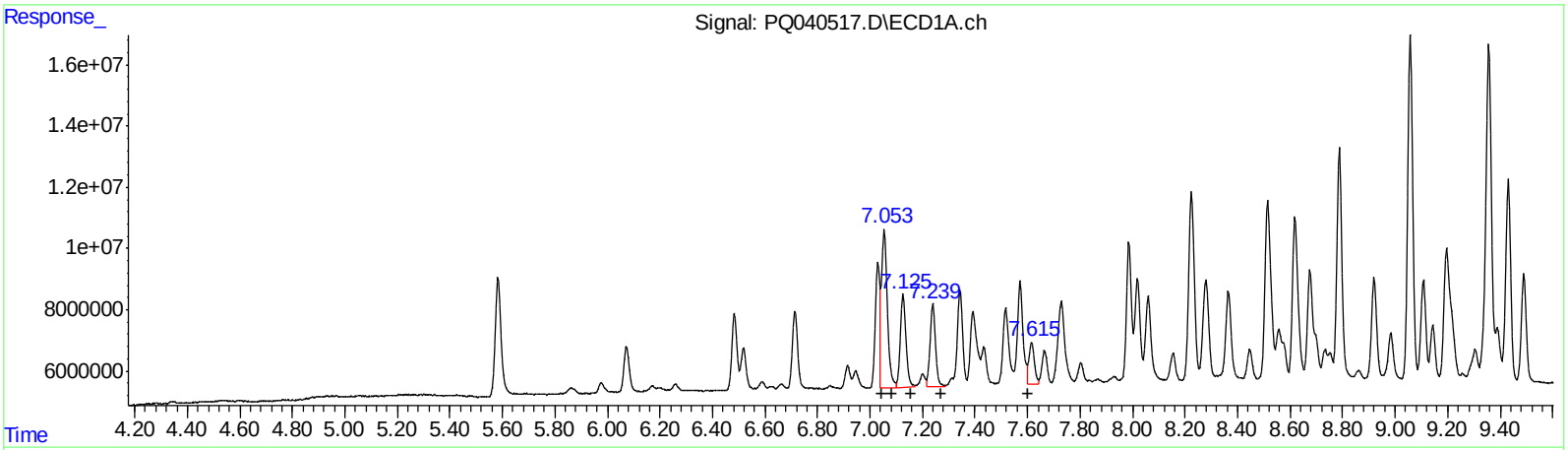
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

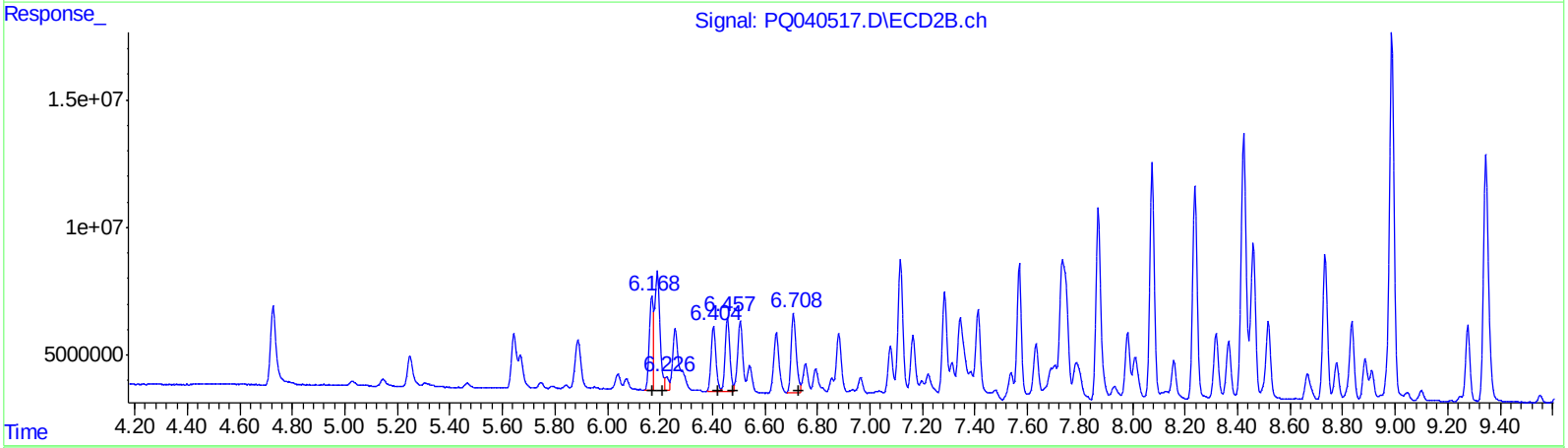
Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 02:12:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 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
7.05	79036115	472.44
7.05	79036115	300.63
7.13	45364446	265.79
7.24	38745438	280.31
7.62	19805920	142.77

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

R.T.	Response	Conc
6.17	40636706	316.79
6.23	5437029	28.17
6.40	31857817	295.39
6.46	36109840	424.08
6.71	42014016	364.89

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
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Quant Time: Jun 04 02:12:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
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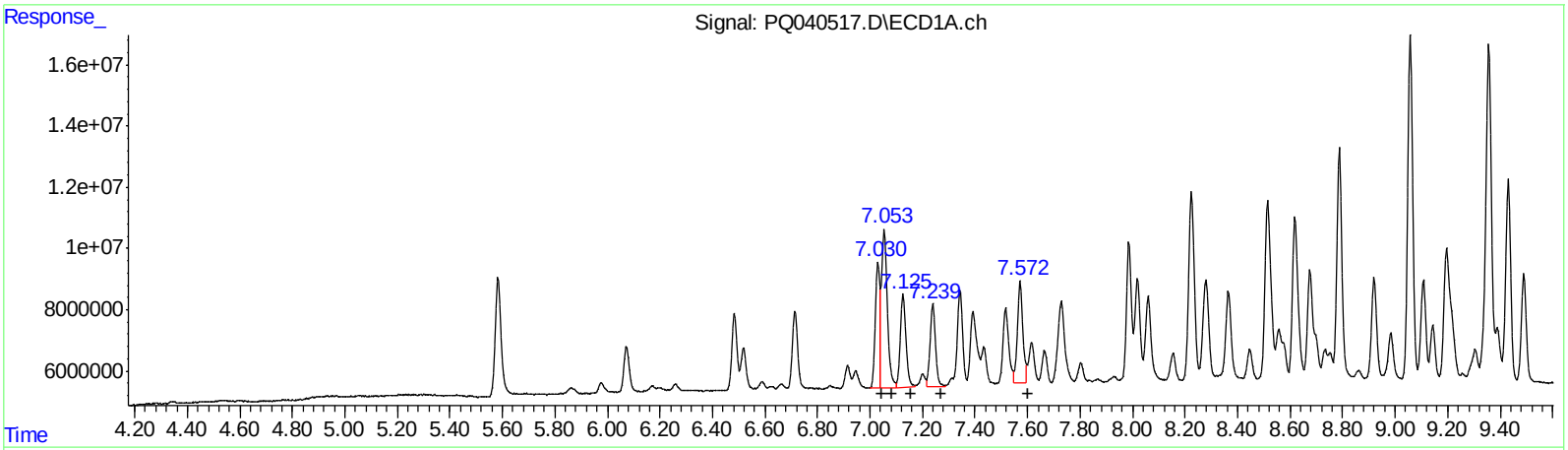
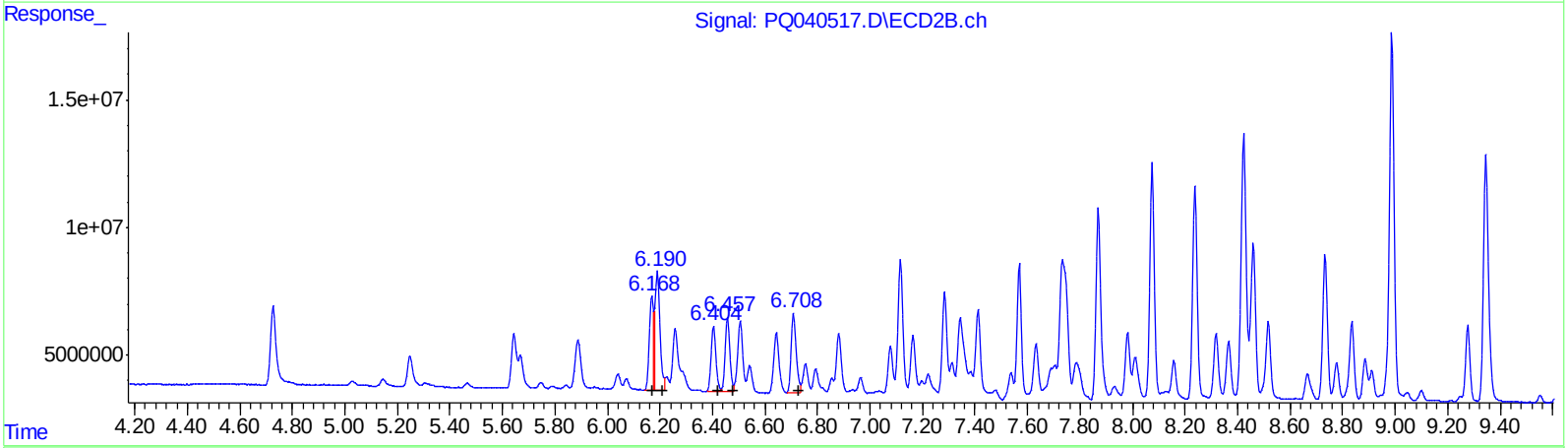
Response via : Initial Calibration
Integrator: ChemStation

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 #2 (L1)

R.T.	Response	Conc
7.03	47953045	286.64
7.05	79036115	300.63
7.13	45364446	265.79
7.24	38745438	280.31
7.57	48218382	347.58

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

R.T.	Response	Conc
6.17	40636706	316.79
6.19	58812169	304.71
6.40	31857817	295.39
6.46	36109840	424.08
6.71	42014016	364.89

(+) = Expected Retention Time

Quantitation Report (Qedit)

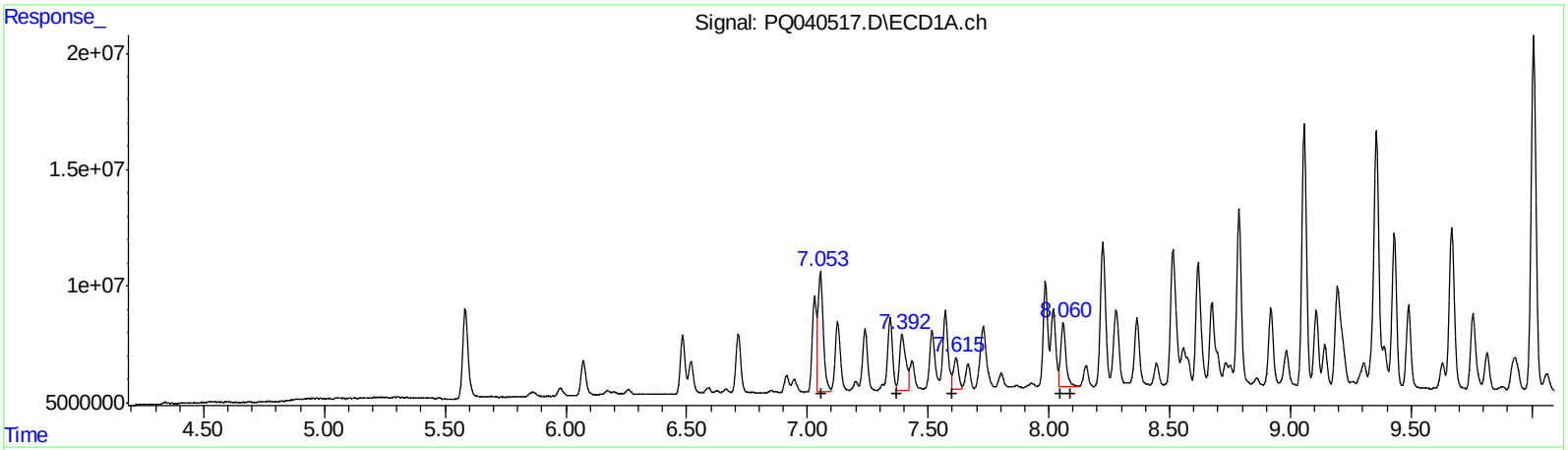
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

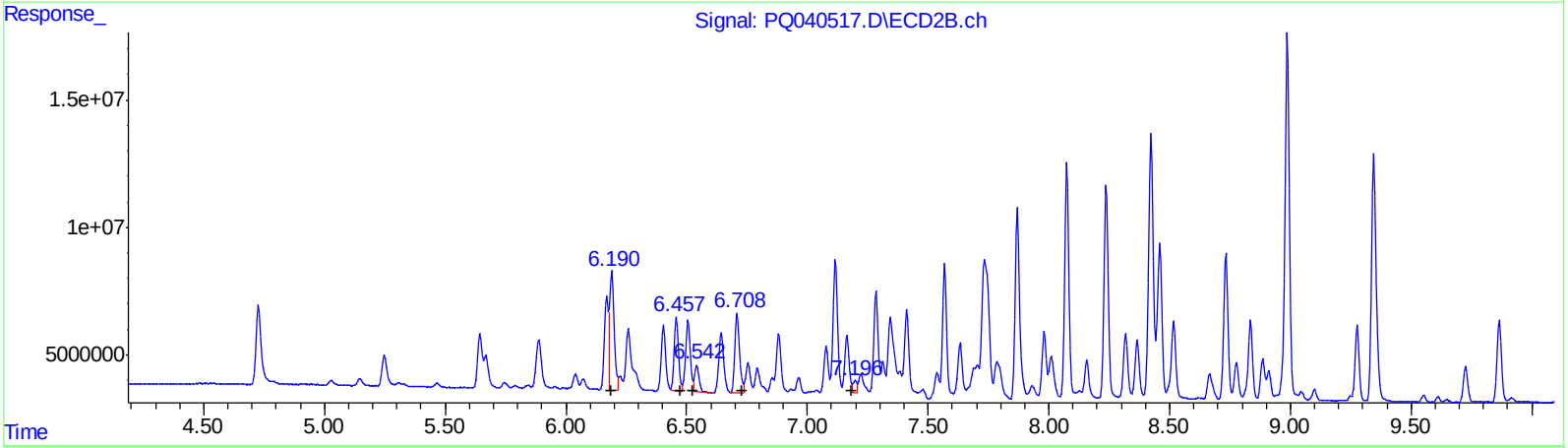
Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 02:12:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 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
7.05	79036115	1021.11
7.39	42557136	377.84
7.62	19805920	143.49
8.06	42548773	281.84
8.06	42548773	282.61

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

R.T.	Response	Conc
6.19	62575224	1085.94
6.46	36109840	410.71
6.54	13849136	153.06
6.71	42014016	380.46
7.20	5430609	47.83

(+) = Expected Retention Time

Quantitation Report (Qedit)

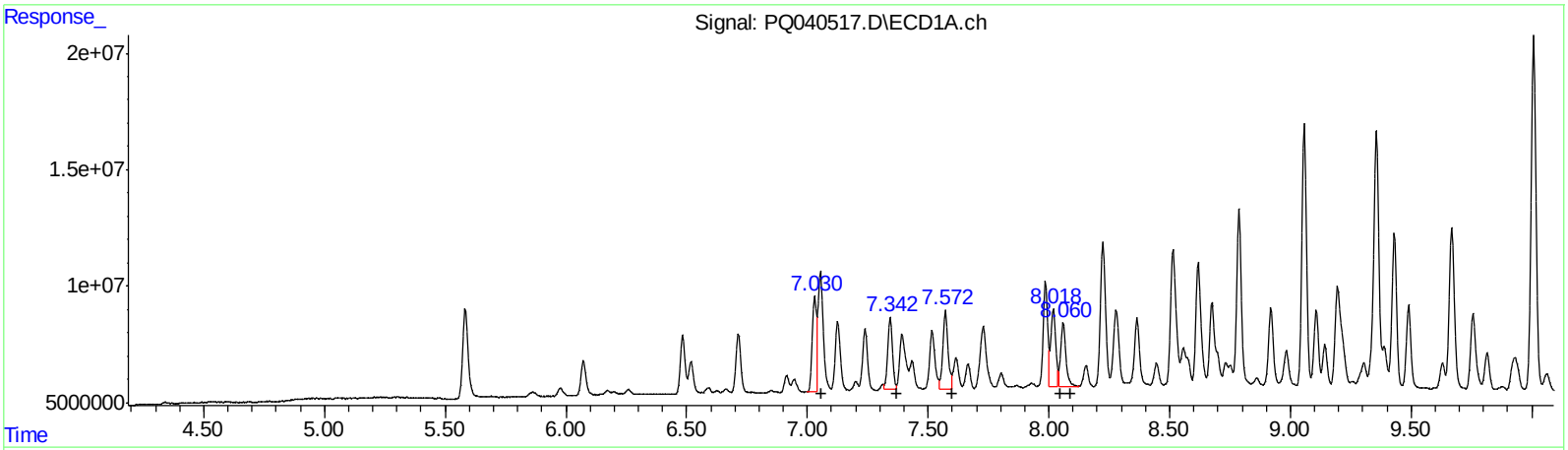
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

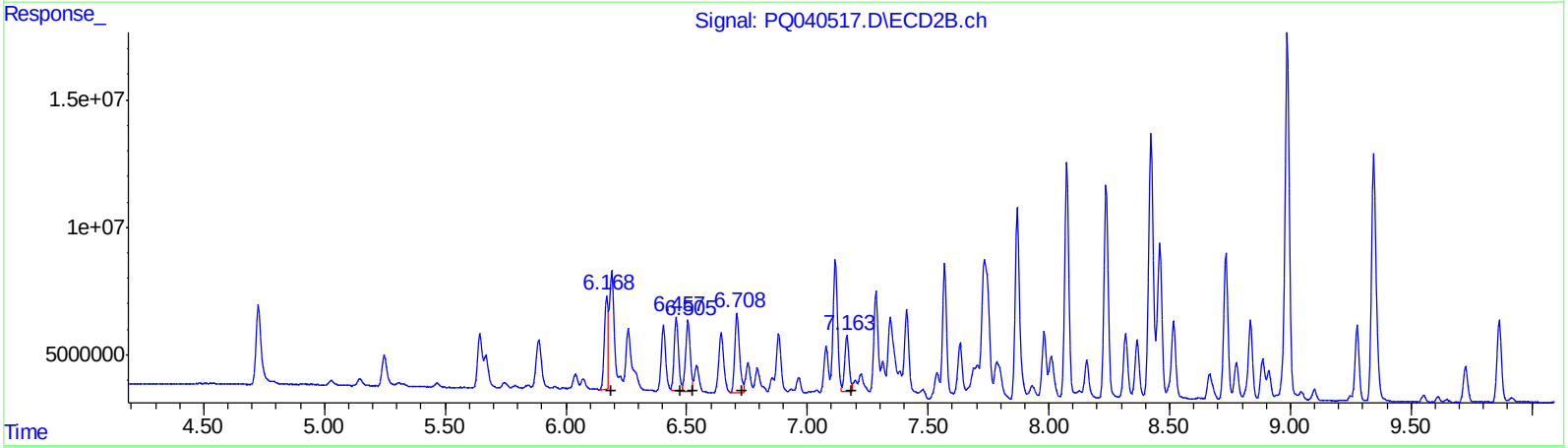
Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 02:12:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 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
7.03	51707559	668.04
7.34	42962552	381.44
7.57	50326861	364.62
8.02	47898875	317.27
8.06	42548773	282.61

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

R.T.	Response	Conc
6.17	40914521	710.03
6.46	36109840	410.71
6.51	36965923	408.54
6.71	42014016	380.46
7.16	27866582	245.44

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
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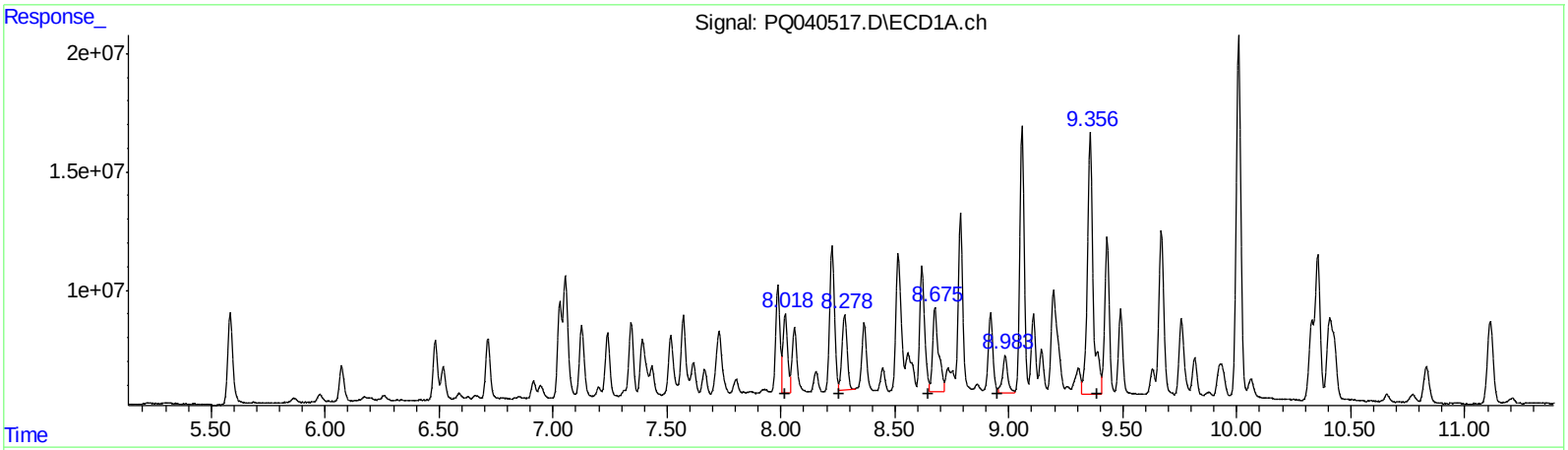
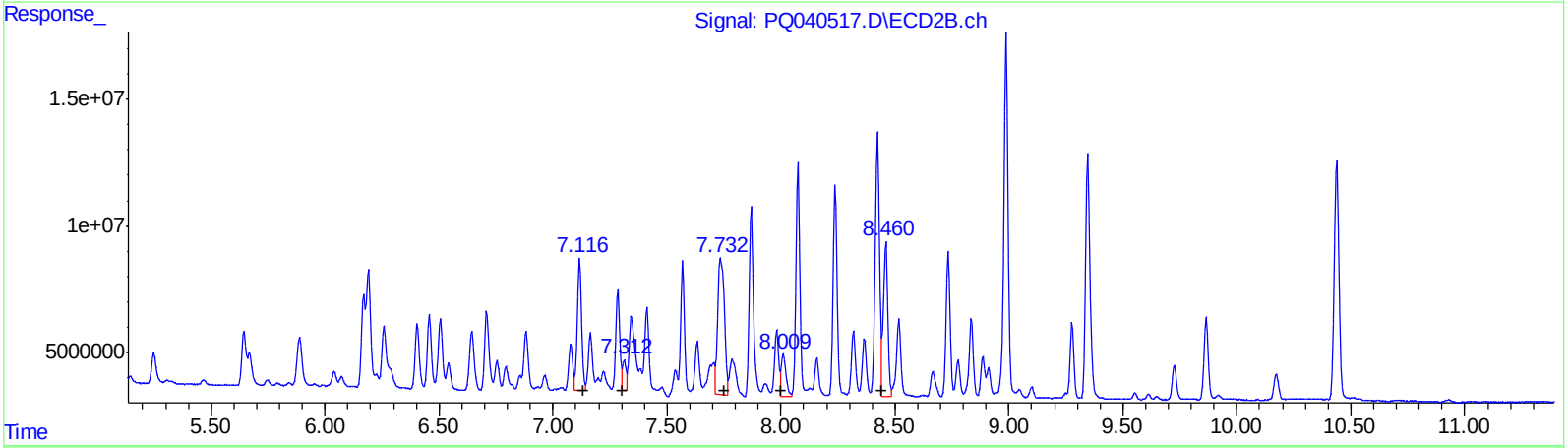
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
Response via : Initial Calibration
Integrator: ChemStation

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
8.02	47224684	270.79
8.28	49663469	179.58
8.68	64096664	215.97
8.98	25204923	121.28
9.36	192748868	669.28

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

R.T.	Response	Conc
7.12	68402821	357.13
7.31	13114904	75.49
7.73	110567089	382.61
8.01	24679116	138.22
8.46	80557337	312.69

(+) = Expected Retention Time

Quantitation Report (Qedit)

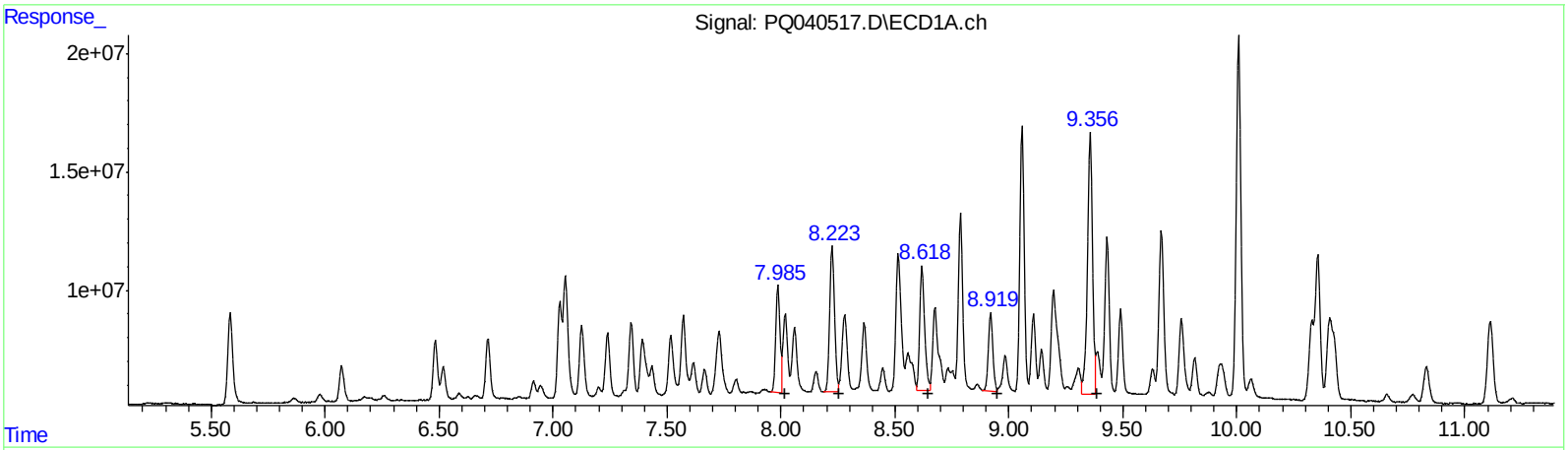
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

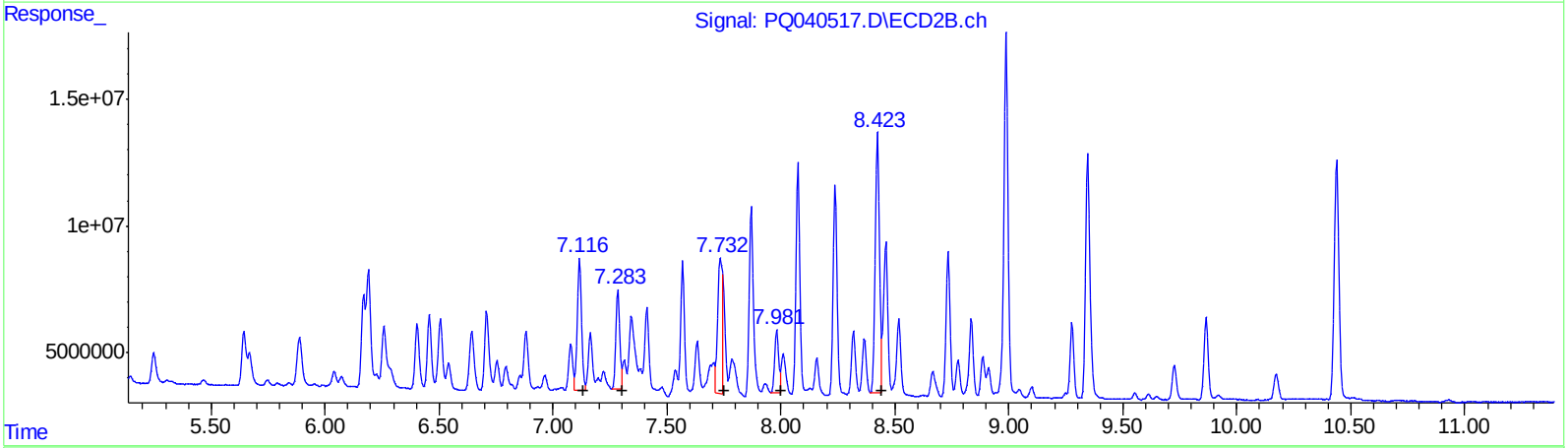
Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 02:12:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 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 #2 (L6)

R.T.	Response	Conc
7.99	58665786	336.40
8.22	92349197	333.93
8.62	78488238	264.46
8.92	45402731	218.46
9.36	172648296	599.49

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

R.T.	Response	Conc
7.12	68402821	357.13
7.28	47445168	273.10
7.73	78794289	272.66
7.98	29746135	166.60
8.42	135442437	525.72

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
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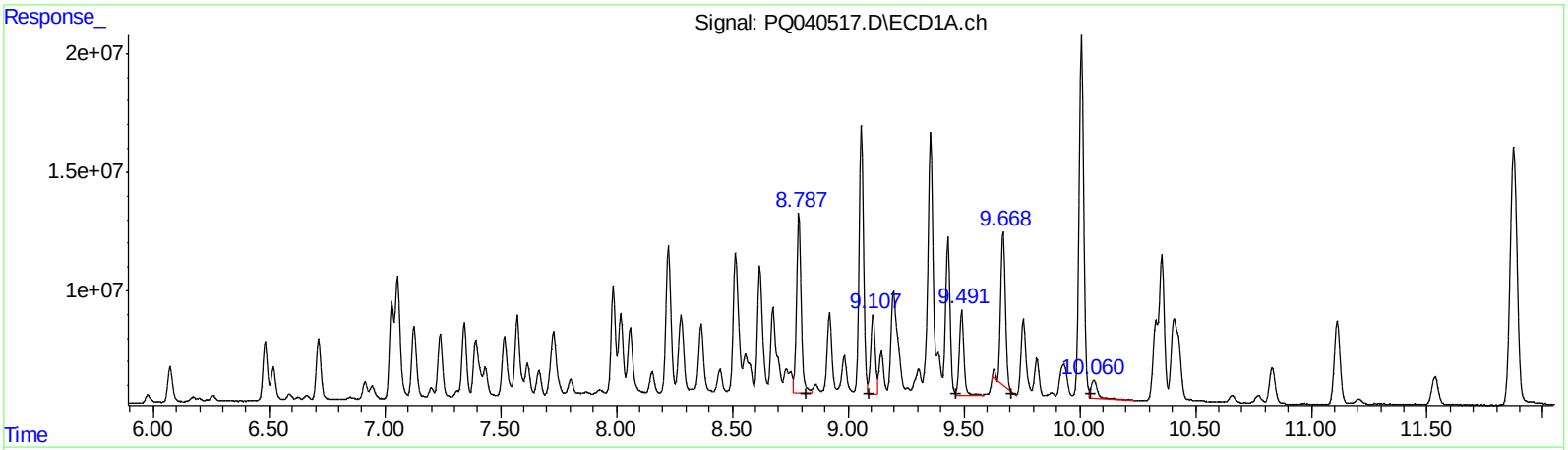
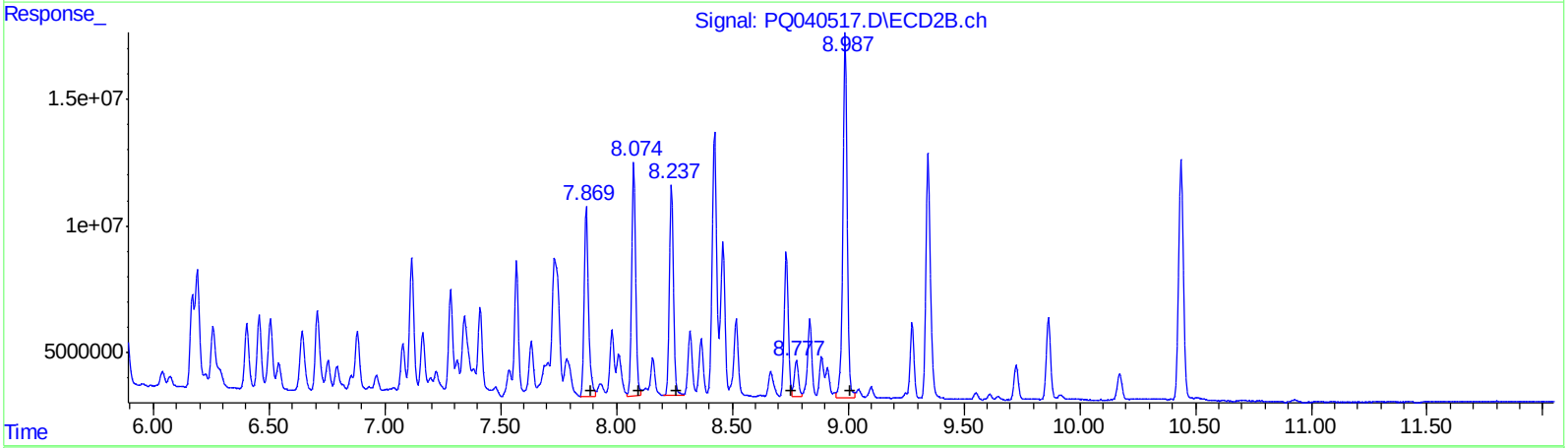
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
Response via : Initial Calibration
Integrator: ChemStation

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
8.79	104475517	314.30
9.11	45188714	111.86
9.49	48911557	148.27
9.67	91342095	247.85
10.06	16024513	20.81

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

R.T.	Response	Conc
7.87	97376687	355.21
8.07	109889946	317.68
8.24	102069367	318.27
8.78	18413991	67.77
8.99	184601287	274.63

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
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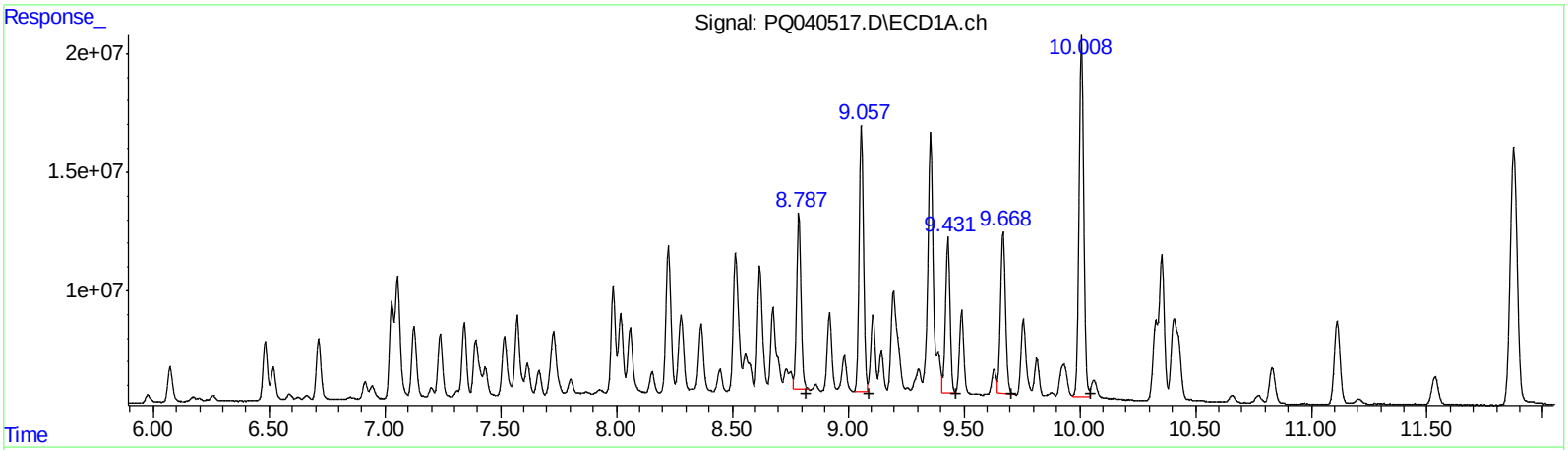
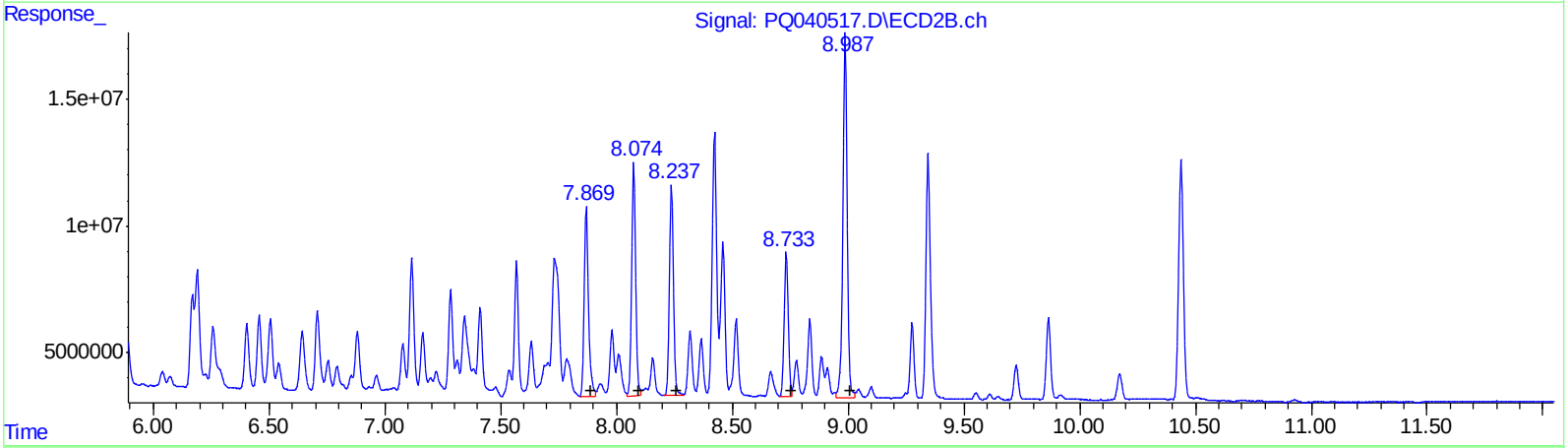
Integrator: ChemStation

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

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.79	96860261	291.39
9.06	149487588	370.05
9.43	89025303	269.87
9.67	103639927	281.22
10.01	213628626	277.42

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

R.T.	Response	Conc
7.87	97376687	355.21
8.07	109889946	317.68
8.24	102069367	318.27
8.73	70351758	258.91
8.99	184601287	274.63

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
Data File : PQ040517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2019 11:57
Operator : SM\AJ
Sample : K3132-02MS
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : ETN16MS

Manual Integrations APPROVED
Ankita
6/4/2019 10:14:30 AM

Integration File signal 1: autoint1.e
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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...	5.583	4.726	60333072	45797082	18.417	21.323
2)	SA Decachlor...	11.874	10.438	236.4E6	137.9E6	33.092	33.160
	Target Compounds						
3)	L1 AR-1016-1	7.029	6.169	47953045	40636706	286.642m	316.787
4)	L1 AR-1016-2	7.054	6.190	79036115	58812169	300.630	304.706m
5)	L1 AR-1016-3	7.126	6.404	45364446	31857817	265.789	295.392
6)	L1 AR-1016-4	7.239	6.457	38745438	36109840	280.309	424.078 #
7)	L1 AR-1016-5	7.572	6.708	48218382	42014016	347.584m	364.894
21)	L5 AR-1248-1	7.029	6.168	51707559	40914521	668.035m	710.034m
22)	L5 AR-1248-2	7.342	6.457	42962552	36109840	381.442m	410.715
23)	L5 AR-1248-3	7.572	6.505	50326861	36965923	364.616m	408.538m
24)	L5 AR-1248-4	8.018	6.708	47898875	42014016	317.275m	380.460
25)	L5 AR-1248-5	8.060	7.163	42548773	27866582	282.606	245.444m
26)	L6 AR-1254-1	7.985	7.116	58665786	68402821	336.397m	357.128
27)	L6 AR-1254-2	8.223	7.283	92349197	47445168	333.929m	273.097m
28)	L6 AR-1254-3	8.618	7.732	78488238	78794289	264.462m	272.661m
29)	L6 AR-1254-4	8.919	7.981	45402731	29746135	218.462m	166.600m
30)	L6 AR-1254-5	9.356	8.423	172.6E6	135.4E6	599.486m	525.724m
31)	L7 AR-1260-1	8.787	7.869	96860261	97376687	291.389m	355.211
32)	L7 AR-1260-2	9.057	8.074	149.5E6	109.9E6	370.049m	317.678
33)	L7 AR-1260-3	9.431	8.237	89025303	102.1E6	269.865m	318.266
34)	L7 AR-1260-4	9.668	8.733	103.6E6	70351758	281.223m	258.913m
35)	L7 AR-1260-5	10.008	8.987	213.6E6	184.6E6	277.417m	274.631

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

AJ
06/05/19