Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081618\
Data File : PD048962.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Aug 2018 9:20
Operator : AJ\SJ
Sample : RESC20
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC20

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 13:58:01 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081618CLP.M
Quant Title : GC Extractables
QLast Update : Thu Aug 16 13:32:25 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.370	3.968	24154860	360.0E6	19.790	20.473
27)	SA Decachlor...	8.065	8.992	56863831	653.3E6	39.492	40.358
	Target Compounds						
2)	A alpha-BHC	3.800	4.347	18362892	266.9E6	9.503	9.833
3)	MA gamma-BHC...	4.078	4.628	17772470	254.6E6	9.562	9.928
4)	MA Heptachlor	4.367	5.141	17391141	248.1E6	9.694	10.050
5)	MB Aldrin	4.608	5.445	16877242	266.7E6	10.004	10.735
6)	B beta-BHC	4.327	4.788	7595562	110.7E6	10.222	10.553
7)	B delta-BHC	4.525	5.005	18058839	220.2E6	9.885	9.693
8)	B Heptachlo...	5.048	5.825	16040616	221.1E6	10.088	10.133
9)	A Endosulfan I	5.380	6.179	15268637	223.5E6	9.814	10.433
10)	B trans-Chl...	5.270	6.058	16274861	234.7E6	10.084	10.134
11)	B cis-Chlor...	5.328	6.131	15619562	236.9E6	10.198	10.329
12)	B 4,4'-DDE	5.495	6.285	33411792	416.4E6	20.031	20.547
13)	MA Dieldrin	5.621	6.433	33676209	450.7E6	19.207	20.325
14)	MA Endrin	5.876	6.648	30871200	361.8E6	19.651	20.318
15)	B Endosulfa...	6.149	6.850	30261379	412.5E6	20.044	21.619
16)	A 4,4'-DDD	6.007	6.767	27515535	309.5E6	19.297	20.413
17)	MA 4,4'-DDT	6.244	7.066	28421932	319.8E6	19.251	19.836
18)	B Endrin al...	6.318	6.973	25283701	312.4E6	20.402	21.015
19)	B Endosulfa...	6.529	7.195	28023120	375.9E6	20.354	21.129
20)	A Methoxychlor	6.794	7.519	76500353	727.8E6	98.198	106.306
21)	B Endrin ke...	7.017	7.660	35130104	362.0E6	20.928	21.866

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

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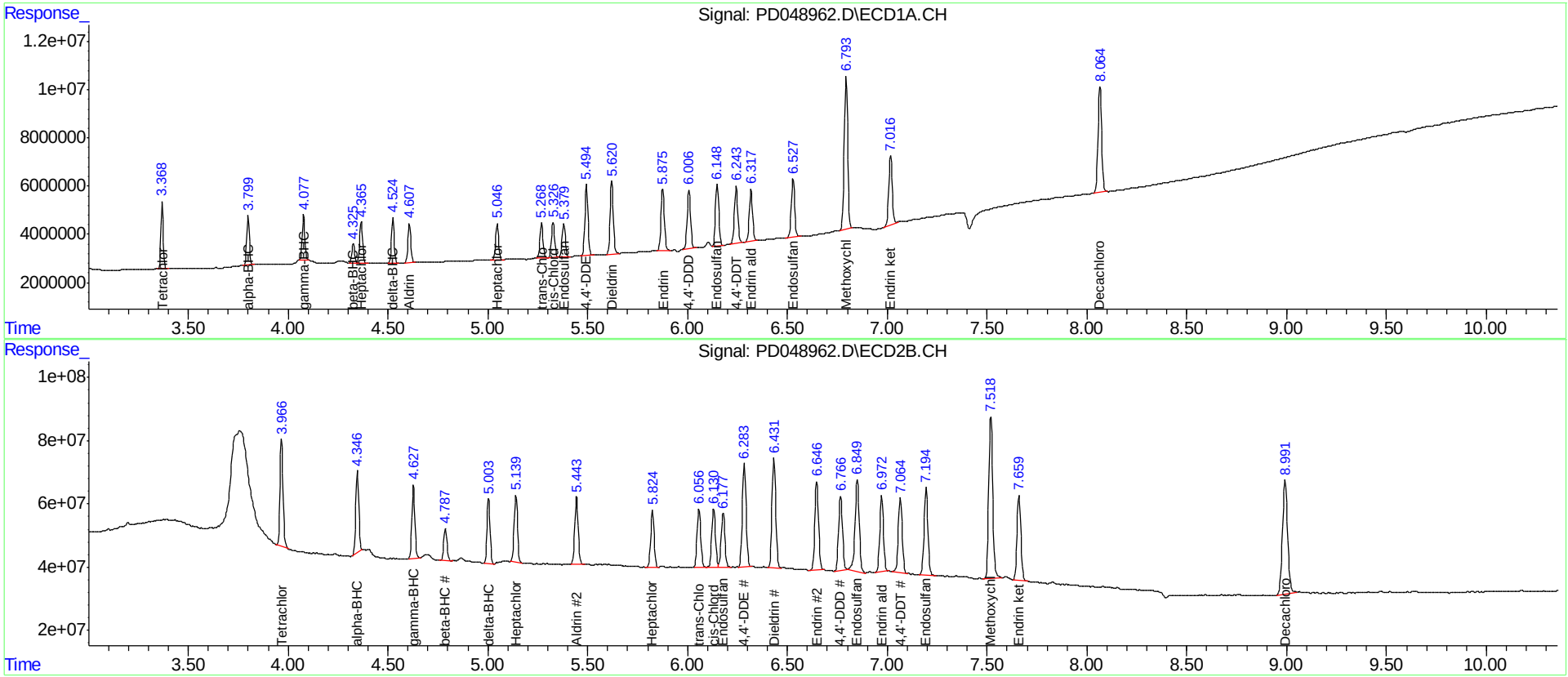
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081618\
Data File : PD048962.D
Acq On : 16 Aug 2018 9:20
Operator : AJ\SJ
Sample : RESC20
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESC20

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081618CLP.M
Title : GC Extractables
Last Update : Thu Aug 16 13:32:25 2018
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

RT#1	RT#2	Resolution
3.370	3.800	100.00%
3.800	4.078	100.00%
4.078	4.327	100.00%
4.327	4.367	98.98%
4.367	4.525	100.00%
4.525	4.608	100.00%
4.608	5.048	100.00%
5.048	5.270	100.00%
5.270	5.328	100.00%
5.328	5.380	100.00%
5.380	5.495	100.00%
5.495	5.621	100.00%
5.621	5.876	100.00%
5.876	6.007	100.00%
6.007	6.149	100.00%
6.149	6.244	100.00%
6.244	6.318	100.00%
6.318	6.529	100.00%
6.529	6.794	100.00%
6.794	7.017	100.00%
7.017	8.065	100.00%
8.065	9.575	100.00%
9.575	10.151	100.00%

Signal #2

3.968	4.347	100.00%
4.347	4.628	100.00%
4.628	4.788	100.00%
4.788	5.005	100.00%
5.005	5.141	100.00%
5.141	5.445	100.00%
5.445	5.825	100.00%
5.825	6.058	100.00%
6.058	6.131	100.00%
6.131	6.179	94.29%
6.179	6.285	100.00%
6.285	6.433	100.00%
6.433	6.648	100.00%
6.648	6.767	100.00%
6.767	6.850	100.00%
6.850	6.973	100.00%
6.973	7.066	100.00%
7.066	7.195	100.00%
7.195	7.519	100.00%
7.519	7.660	100.00%
7.660	8.992	100.00%
8.992	9.931	100.00%

Instrument :
ECD_D
ClientSampleId :
RESC20

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081618\
Data File : PD048962.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 16 Aug 2018   9:20
Operator : AJ\SJ
Sample   : RESC20
Misc   :
ALS Vial : 2   Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : RESC20

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 13:58:01 2018
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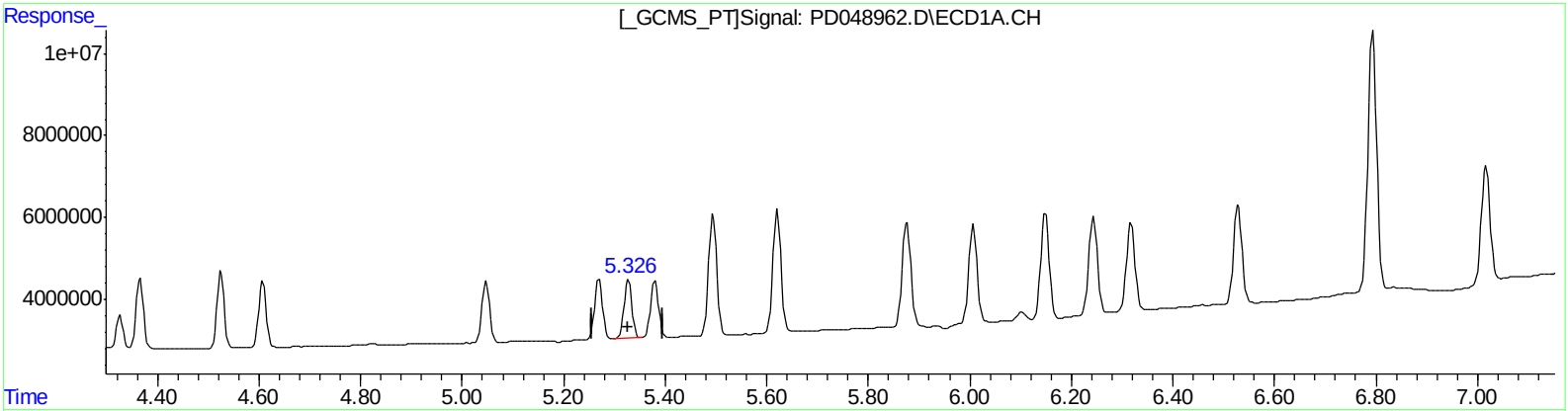
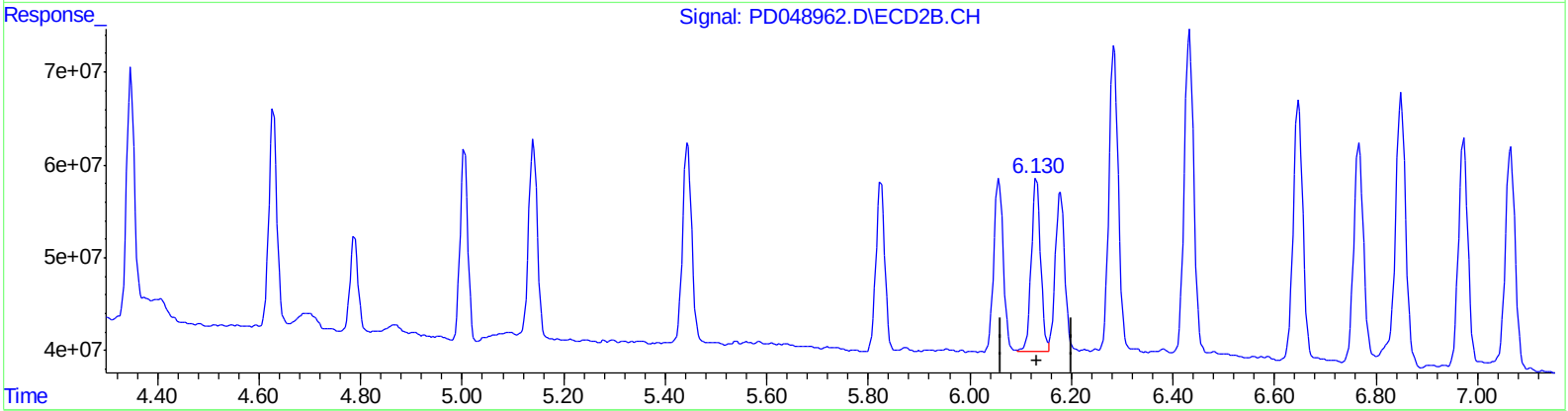
Quant Title : GC Extractables
QLast Update : Thu Aug 16 13:32:25 2018
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

Volume Inj.   : 1 µl
Signal #1 Phase : ZB-MR2   Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(11) cis-Chlordane (B)

5.328min 10.198 ng/ml

response 15619562

(11) cis-Chlordane #2 (B)

6.131min 10.329 ng/ml

response 236913030

(+) = Expected Retention Time

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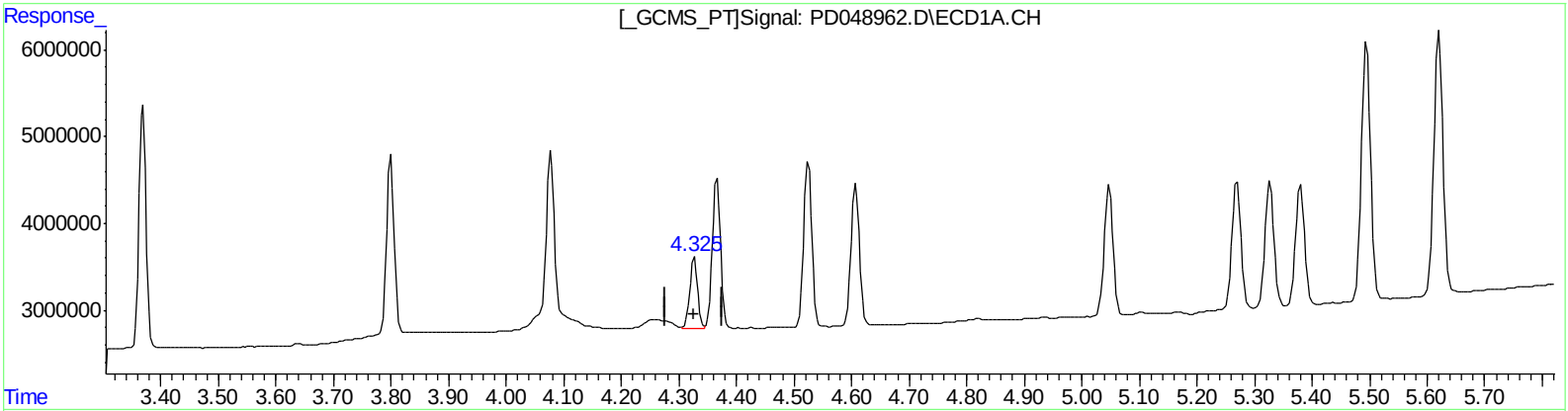

QEdit

(6) beta-BHC (B)
4.327min 10.222 ng/ml
response 7595562

(6) beta-BHC #2 (B)
4.788min 10.553 ng/ml
response 110684402

(+) = Expected Retention Time