

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
Data File : PQ041949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 18:52
Operator : SM\AJ
Sample : K4028-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

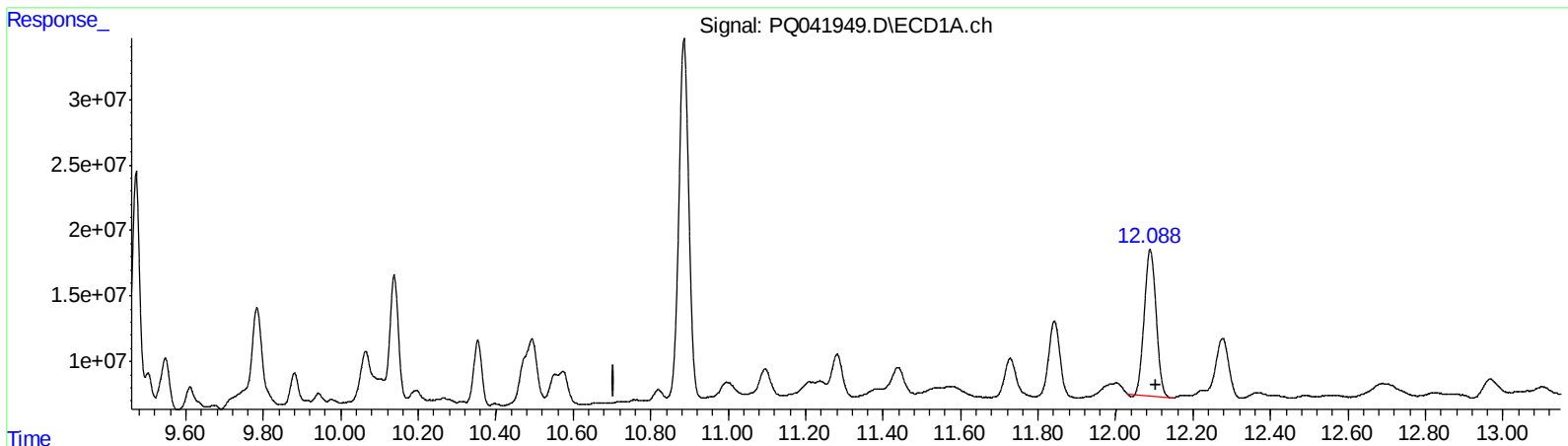
Instrument :
ECD_Q
ClientSampleId :
BENY9

Manual Integrations
APPROVED

Ankita
8/2/2019 2:02:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:36 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



(2) Decachlorobiphenyl (SA)

12.089min 28.230 ng/ml

response 238011748

(2) Decachlorobiphenyl #2 (SA)

10.507min 42.161 ng/ml

response 203949840

(+) = Expected Retention Time

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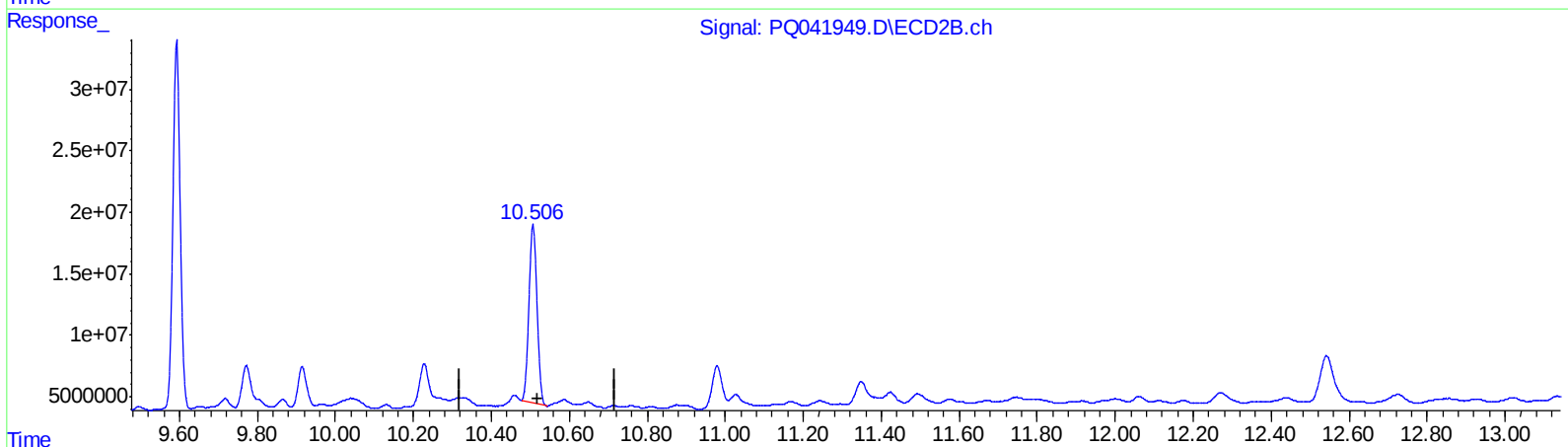
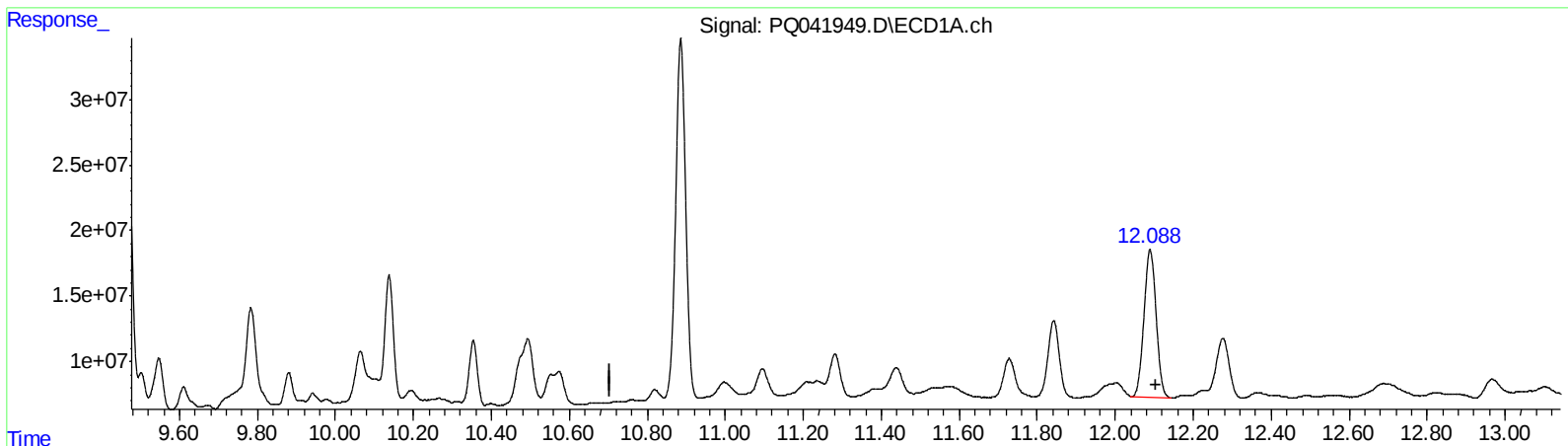
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QEdit

(2) Decachlorobiphenyl (SA)

12.088min 29.009 ng/ml m

response 244580840

(2) Decachlorobiphenyl #2 (SA)

10.506min 43.219 ng/ml m

response 209065461

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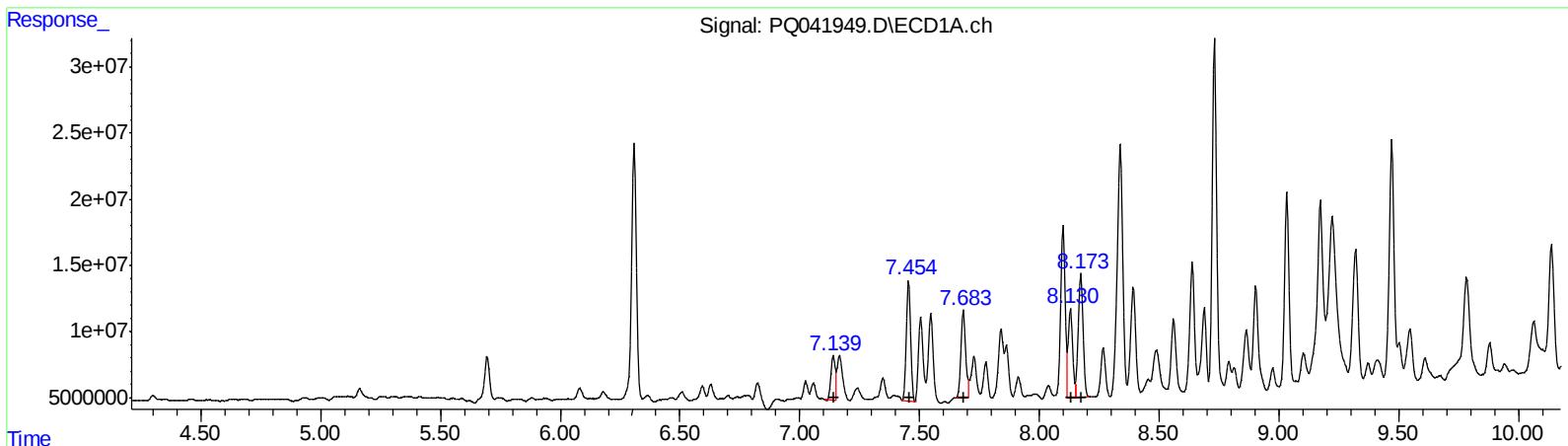
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(21) AR-1248-1 (L5)
R.T. Response Conc
7.14 42152629 568.58
7.45 114837825 1244.68
7.68 91694146 818.40
8.13 84567289 540.86
8.17 132427932 875.13

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
6.21 37010034 558.19
6.50 113752648 1304.69
6.54 80512138 902.04
6.75 69177455 628.08
7.20 80465500 627.78

(+) = Expected Retention Time

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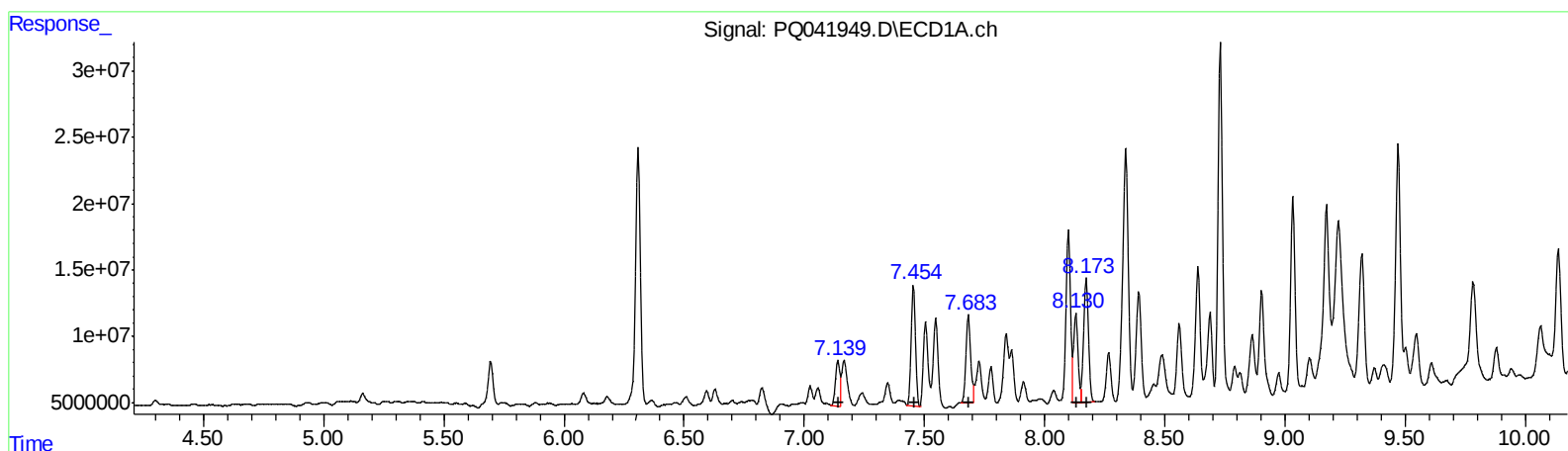
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(21) AR-1248-1 #2 (L5)
R.T. Response Conc
7.14 43356158 584.82
7.45 114837825 1244.68
7.68 91694146 818.40
8.13 84567289 540.86
8.17 132427932 875.13

(21) AR-1248-1 #2 (L5)
R.T. Response Conc
6.21 37010034 558.19
6.50 113752648 1304.69
6.54 80512138 902.04
6.75 78110600 709.18
7.20 80465500 627.78

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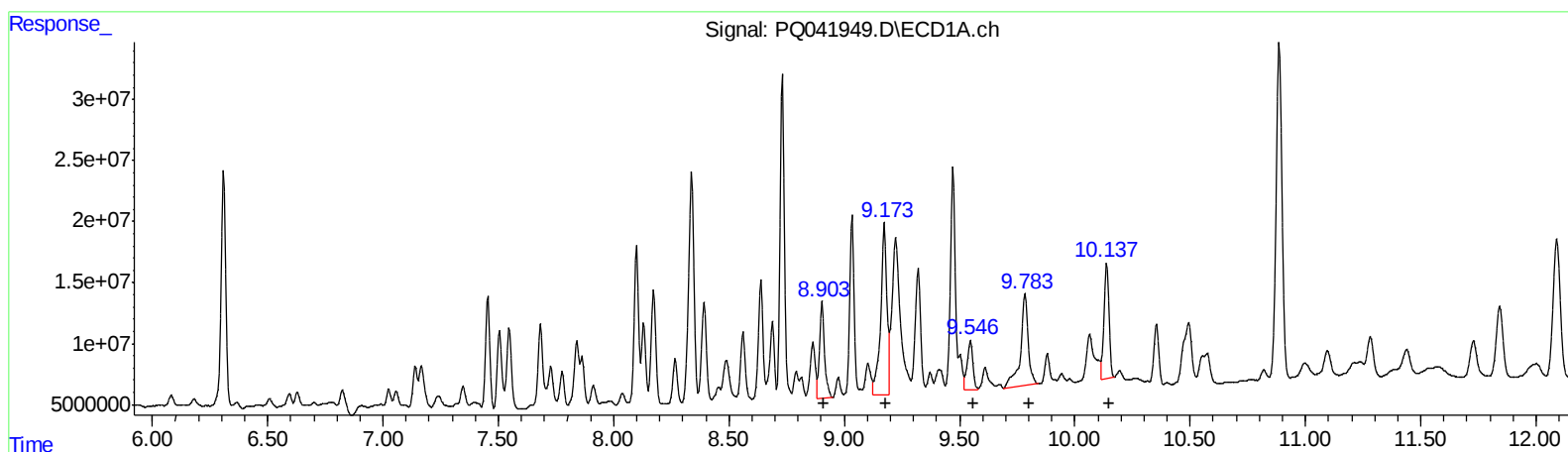
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(31) AR-1260-1 (L7)
R.T. Response Conc
8.90 116275025 653.65
9.17 264217988 1047.34
9.55 68408999 298.55
9.78 174541260 683.56
10.14 145234093 215.61
(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 155480319 856.97
8.12 126806624 516.87
8.28 133191480 625.97
8.78 50078655 247.56
9.03 171158666 290.00

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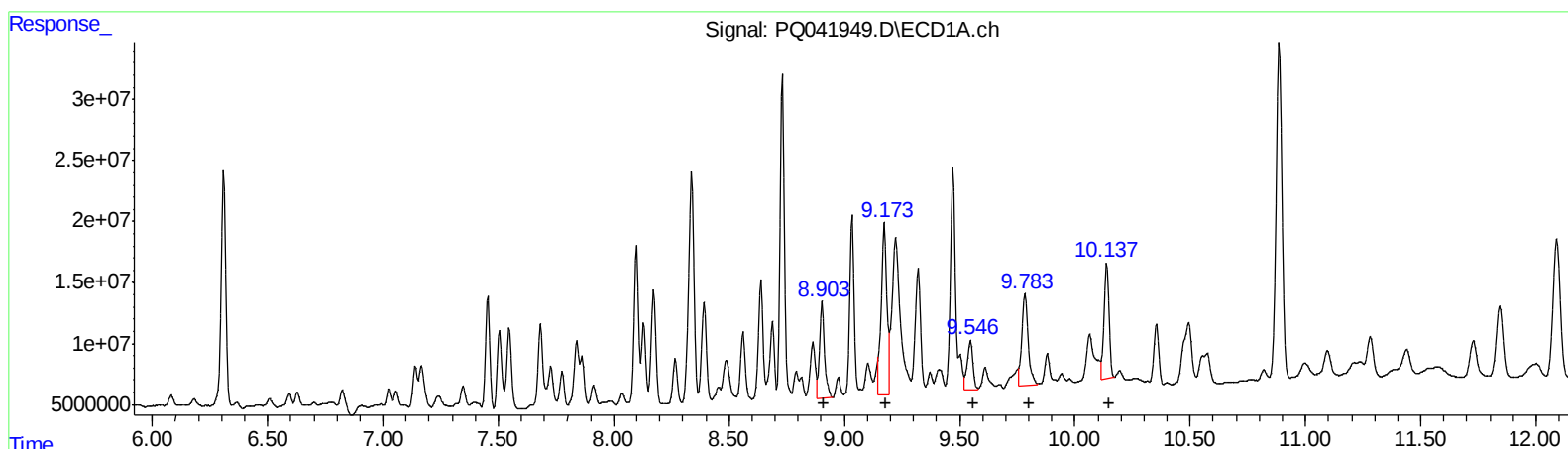
Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 #2 (L7)
R.T. Response Conc
8.90 116275025 653.65
9.17 238778441 946.50
9.55 68408999 298.55
9.78 145085092 568.20
10.14 145234093 215.61

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.91 130908212 721.54
8.12 133657401 544.79
8.28 129241166 607.40
8.78 50078655 247.56
9.03 129432301 219.30

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	5.695	4.754	43866911	41216045	19.128	21.386
2) SA Decachlor...	12.088	10.506	244.6E6	209.1E6	29.009m	43.219m#
Target Compounds						
21) L5 AR-1248-1	7.139	6.205	43356158	37010034	584.819m	558.188
22) L5 AR-1248-2	7.454	6.495	114.8E6	113.8E6	1244.677	1304.687
23) L5 AR-1248-3	7.682	6.544	91694146	80512138	818.396	902.039
24) L5 AR-1248-4	8.130	6.747	84567289	78110600	540.856	709.185m#
25) L5 AR-1248-5	8.173	7.204	132.4E6	80465500	875.133	627.780 #
26) L6 AR-1254-1	8.099	7.157	173.2E6	209.8E6	1245.289	1147.091
27) L6 AR-1254-2	8.338	7.325	306.8E6	157.2E6	1340.615	971.399 #
28) L6 AR-1254-3	8.731	7.772	346.2E6	377.2E6	1266.126	1307.704
29) L6 AR-1254-4	9.033	8.020	200.3E6	168.2E6	813.733	774.959
30) L6 AR-1254-5	9.472	8.467	263.2E6	241.9E6	971.681	804.115
31) L7 AR-1260-1	8.904	7.914	116.3E6	130.9E6	653.652	721.537m
32) L7 AR-1260-2	9.173	8.116	238.8E6	133.7E6	946.500m	544.794m#
33) L7 AR-1260-3	9.547	8.280	68408999	129.2E6	298.554	607.400m#
34) L7 AR-1260-4	9.783	8.778	145.1E6	50078655	568.198m	247.560 #
35) L7 AR-1260-5	10.138	9.030	145.2E6	129.4E6	215.612	219.302m

15
 08/05/19

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