

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040721\
Data File : PQ052968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2021 19:32
Operator : DD\AJ
Sample : M1959-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

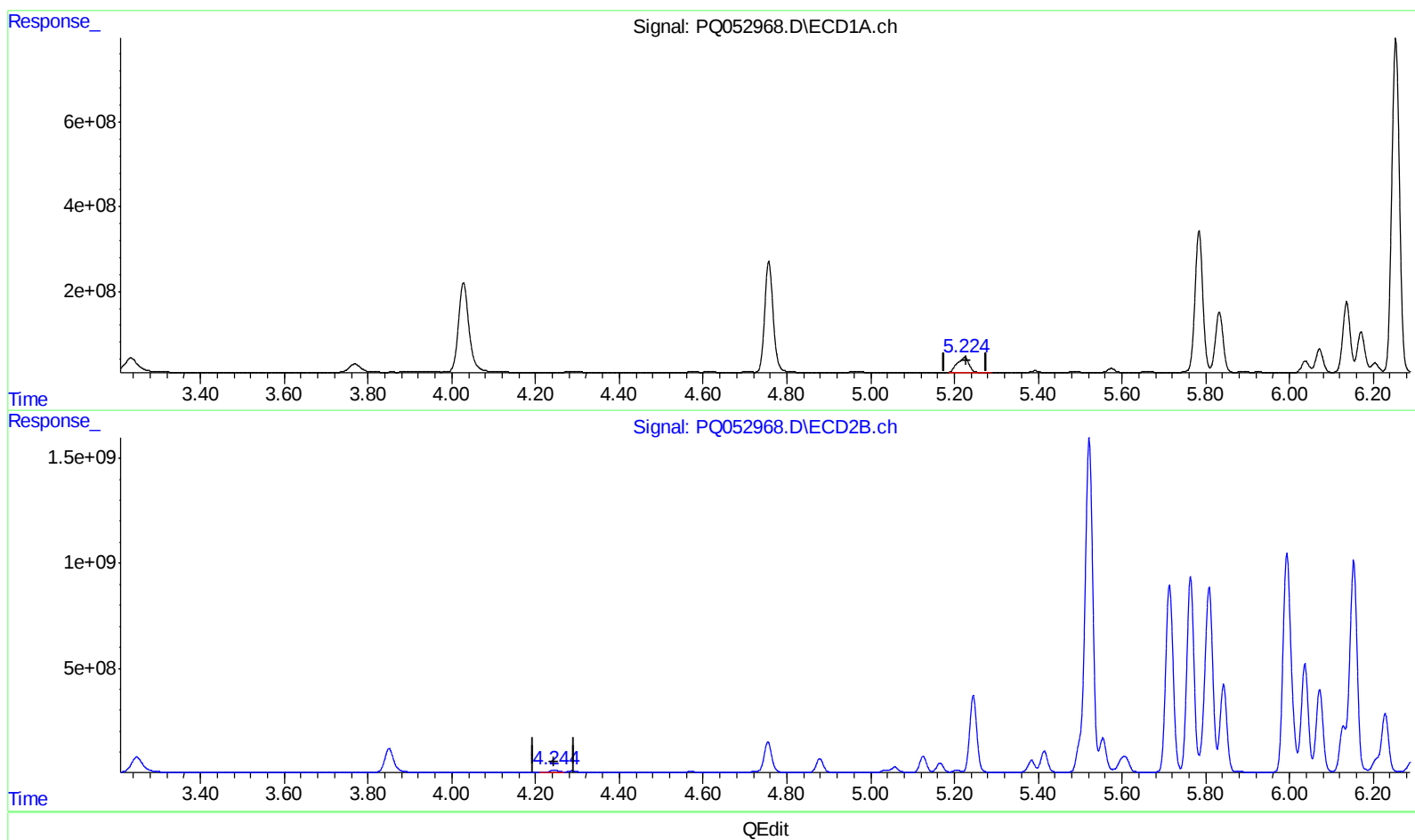
Instrument :
ECD_Q
ClientSampleId :
C0B59

Manual Integrations
APPROVED

Ankita
4/8/2021 3:05:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 07:40:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 2021
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



(1) Tetrachloro-m-xylene (SA)

5.224min 30.039 ng/ml

response 692290034

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

4.245min 18.325 ng/ml

response 175272056

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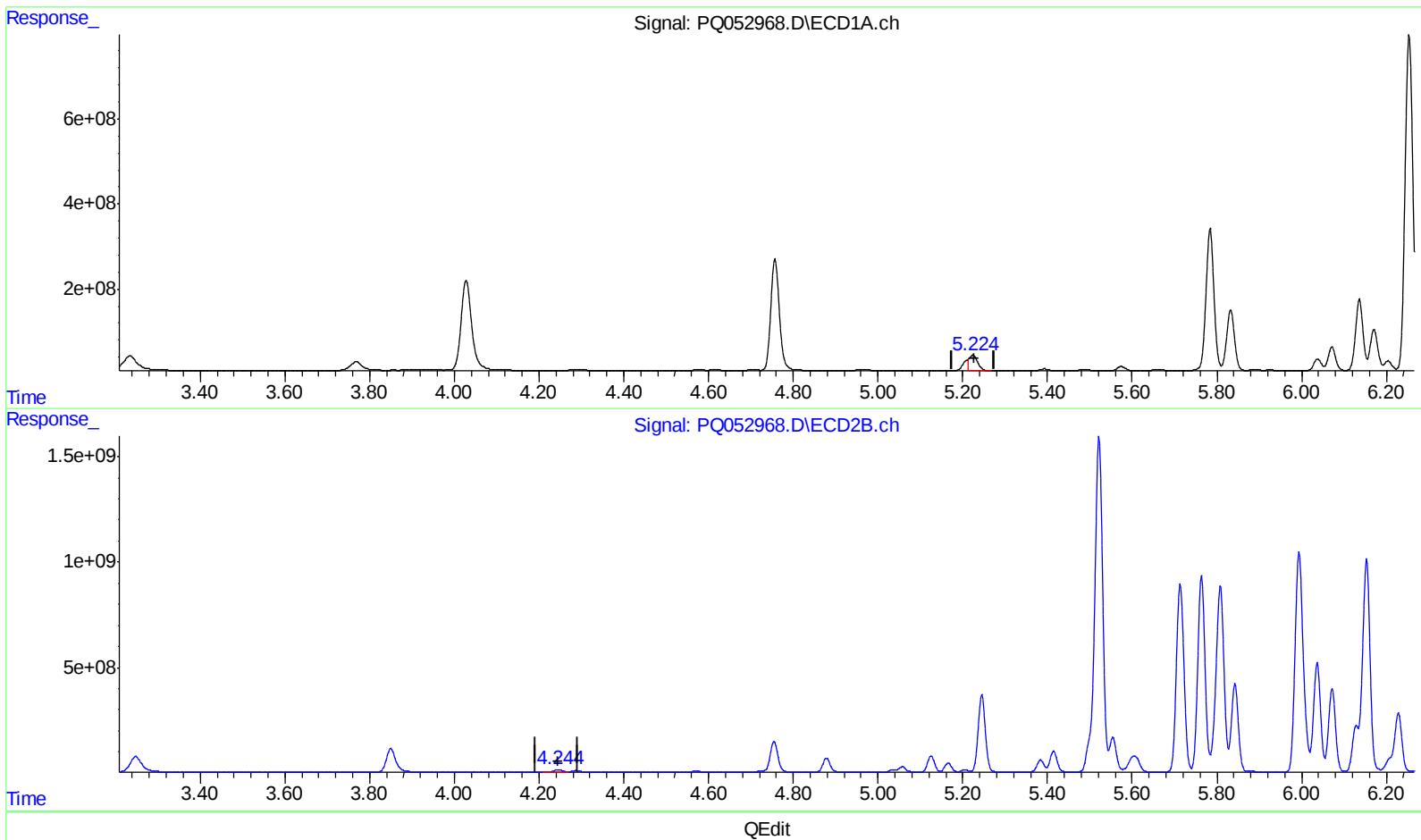
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(1) Tetrachloro-m-xylene (SA)

5.224min 20.621 ng/ml m

response 475239004

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

4.245min 18.325 ng/ml

response 175272056

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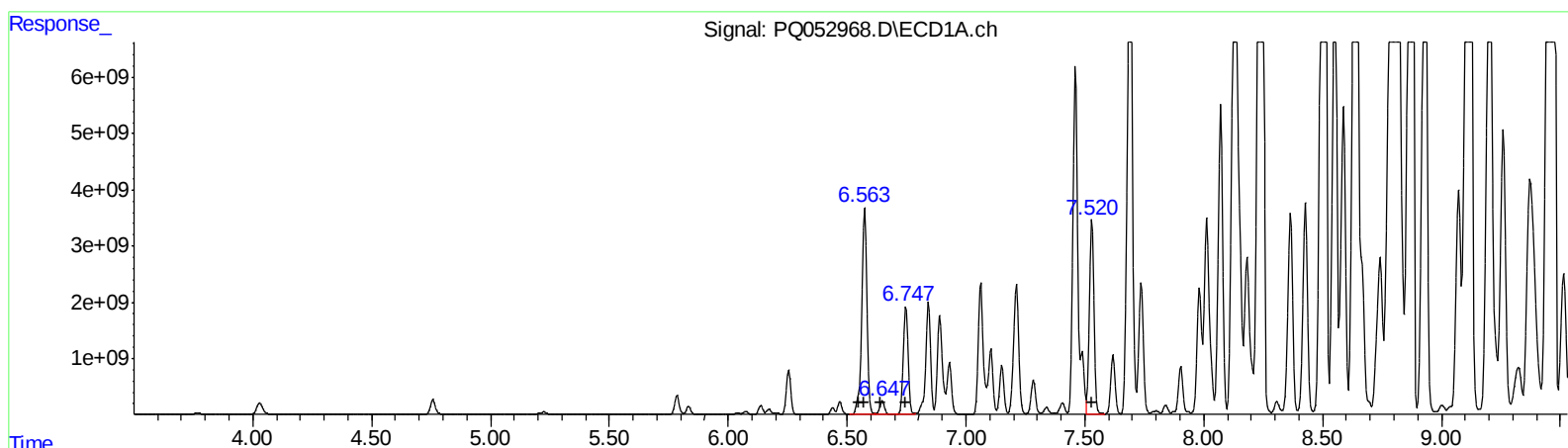
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(16) AR-1242-1 (L4)
R.T. Response Conc
6.58 44006016828 55208.53
6.58 44006016828 37395.24
6.65 3216427003 4552.60
6.75 26785452165 45588.25
7.53 37383986336 55798.10

(16) AR-1242-1 #2 (L4)
R.T. Response Conc
5.52 21187839224 59989.24
5.52 21187839224 42286.67
5.71 11046969519 42502.90
5.81 11619331804 47324.84
6.37 27297460838 78569.78

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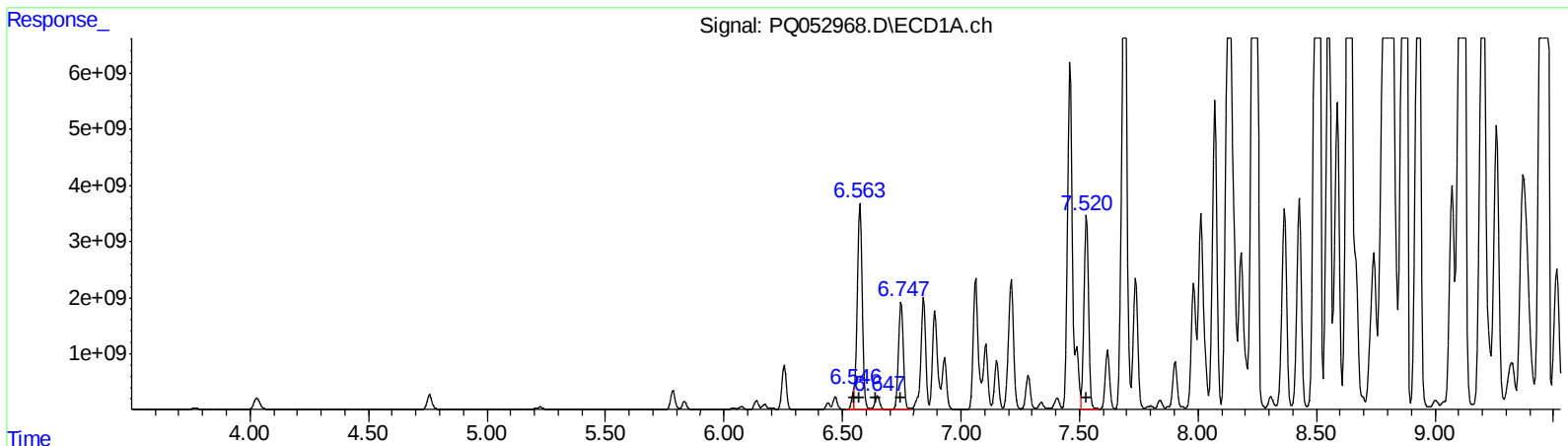
Instrument :
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(16) AR-1242-1 #2 (L4)
 R.T. Response Conc
 6.55 1758481125 2206.13
 6.56 42158403908 35825.19
 6.65 3216427003 4552.60
 6.75 26785452165 45588.25
 7.53 37383986336 55798.10

(16) AR-1242-1 #2 (L4)
 R.T. Response Conc
 5.50 920520554 2606.27
 5.52 20315554446 40545.77
 5.71 11046969519 42502.90
 5.81 11619331804 47324.84
 6.37 27297460838 78569.78

QEdit

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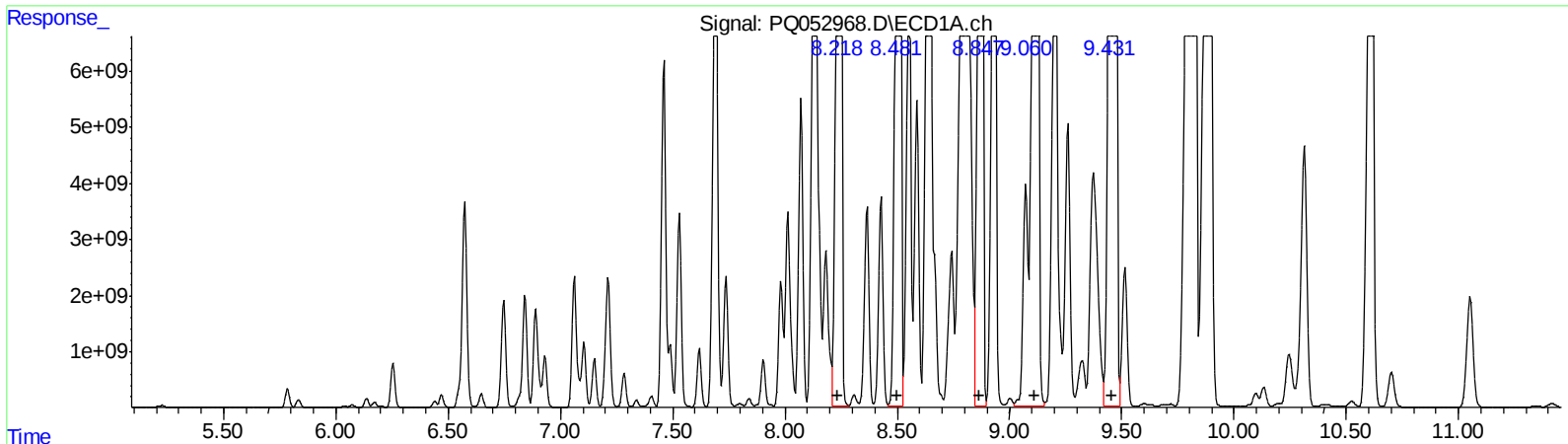
Instrument :
ECD_Q
ClientSampled :
C0B59

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(31) AR-1260-1 (L7)
R.T. Response Conc
8.25 60045500125 55727.45
8.51 60725133444 46212.67
8.88 58047754924 57819.55
9.13 1.08875e+011 95271.72
9.47 76499882908 32157.39

(31) AR-1260-1 #2 (L7)
R.T. Response Conc
7.10 46421731000 80300.61
7.29 48489929175 60793.87
7.45 48904872105 74198.39
7.93 44663638327 79203.17
8.18 74026316974 48372.76

(+) = Expected Retention Time

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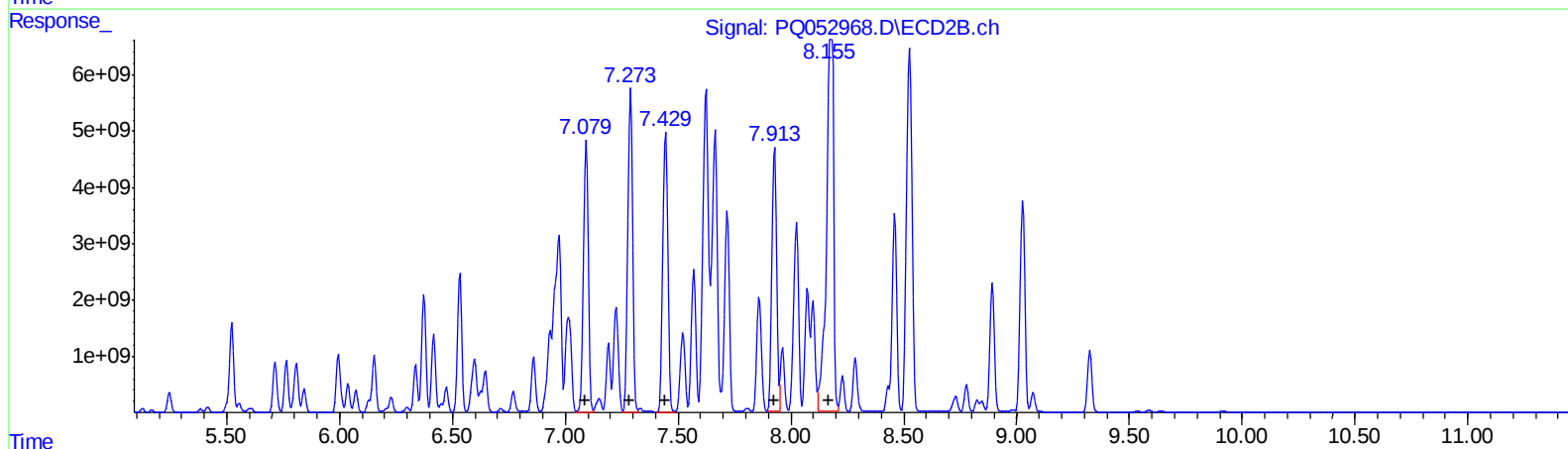
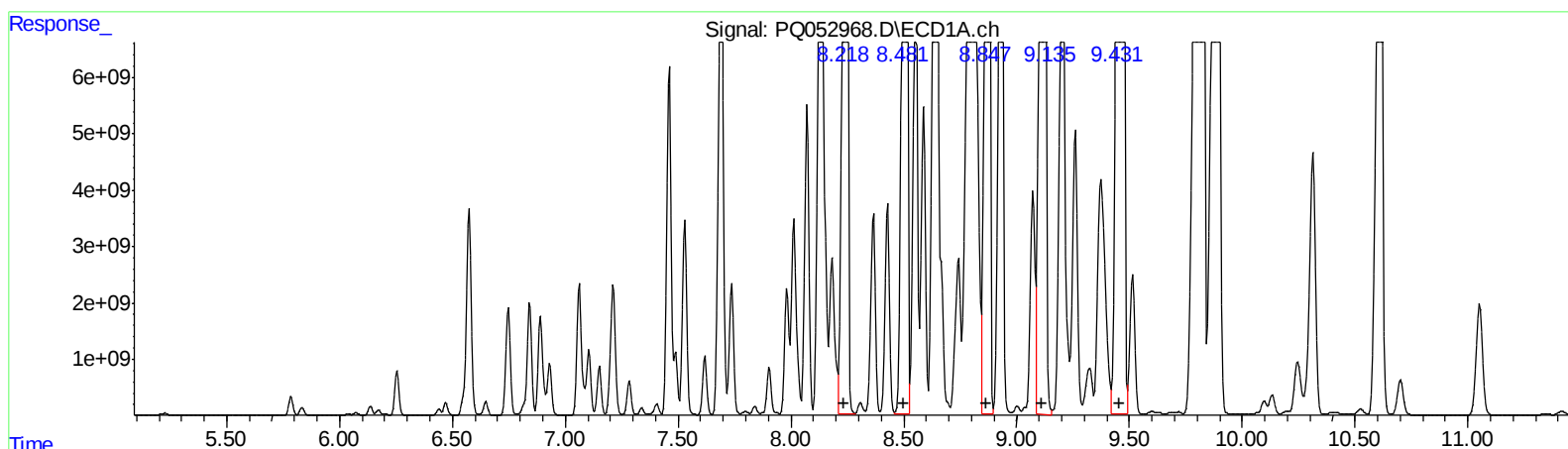
Instrument :
 ECD_Q
 ClientSampled :
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 8.25 60045500125 55727.45
 8.51 60725133444 46212.67
 8.88 58047754924 57819.55
 9.13 68434462731 59883.99
 9.47 76499882908 32157.39

(31) AR-1260-1 #2 (L7)
 R.T. Response Conc
 7.10 46421731000 80300.61
 7.29 48489929175 60793.87
 7.45 48904872105 74198.39
 7.93 44663638327 79203.17
 8.18 74026316974 48372.76

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

System Monitoring Compounds						
1) SA Tetrachlo...	5.224	4.245	475.2E6	175.3E6	20.621m	18.325
2) SA Decachlor...	11.415	9.584	1344.9E6	483.1E6	54.388	48.821
Target Compounds						
16) L4 AR-1242-1	6.546	5.500	1758.5E6	920.5E6	2206.134m	2606.275m
17) L4 AR-1242-2	6.563	5.521	42158.4E6	20315.6E6	35825.186m	40545.767m
18) L4 AR-1242-3	6.648	5.713	3216.4E6	11047.0E6	4552.596	42502.901 #
19) L4 AR-1242-4	6.747	5.808	26785.5E6	11619.3E6	45588.246	47324.843
20) L4 AR-1242-5	7.533	6.373	37384.0E6	27297.5E6	55798.099	78569.784 #
31) L7 AR-1260-1	8.250	7.100	60045.5E6	46421.7E6	55727.452	80300.610 #
32) L7 AR-1260-2	8.515	7.295	60725.1E6	48489.9E6	46212.672	60793.872 #
33) L7 AR-1260-3	8.878	7.450	58047.8E6	48904.9E6	57819.547	74198.389 #
34) L7 AR-1260-4	9.135	7.930	68434.5E6	44663.6E6	59883.988m	79203.170 #
35) L7 AR-1260-5	9.468	8.183	76499.9E6	74026.3E6	32157.391	48372.764 #

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

