

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112618\  
Data File : PQ035006.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Nov 2018 23:46  
Operator : SM\SJ  
Sample : AR1660CCC400  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

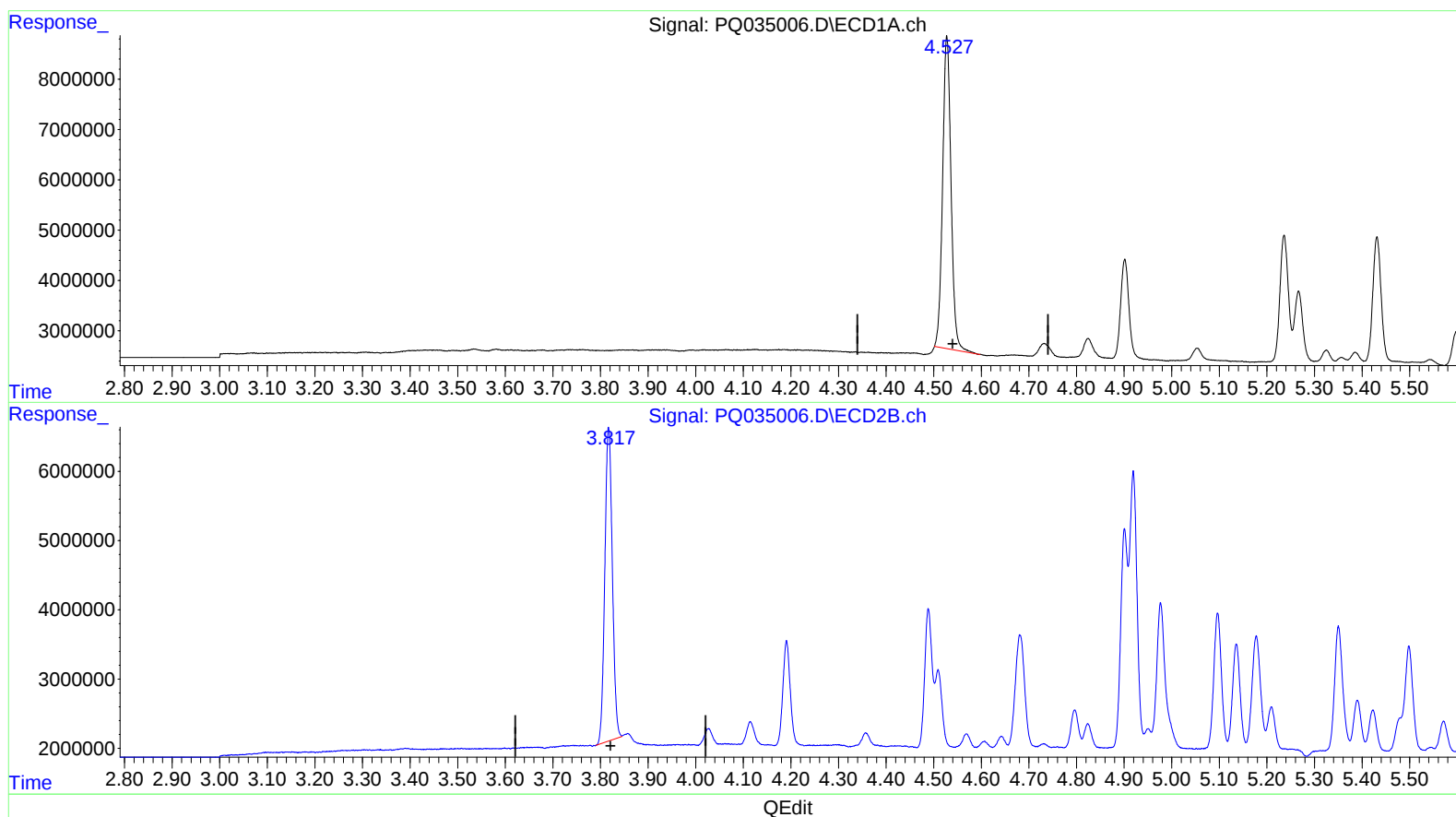
Instrument :  
ECD\_Q  
LabSampleId :  
AR1660315

Manual Integrations  
APPROVED

mohammad  
11/27/2018 3:52:34 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 01:05:09 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111718CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 16 03:52:57 2018  
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)

4.528min 27.716 ng/ml

response 76343085

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

3.817min 29.289 ng/ml

response 49645087

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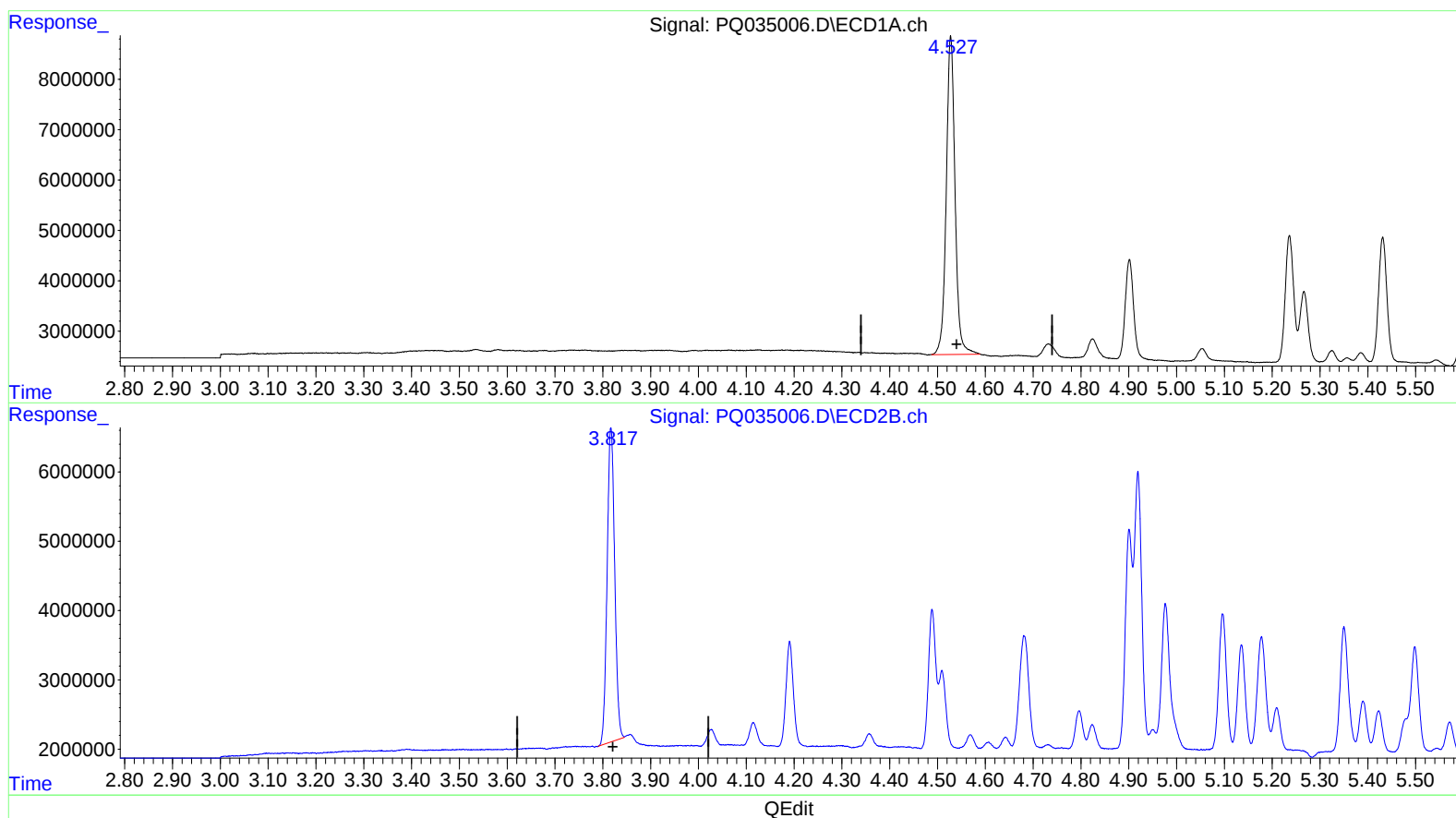
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(1) Tetrachloro-m-xylene (SA)

4.527min 29.297 ng/ml m

response 80695552

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

3.817min 29.289 ng/ml

response 49645087

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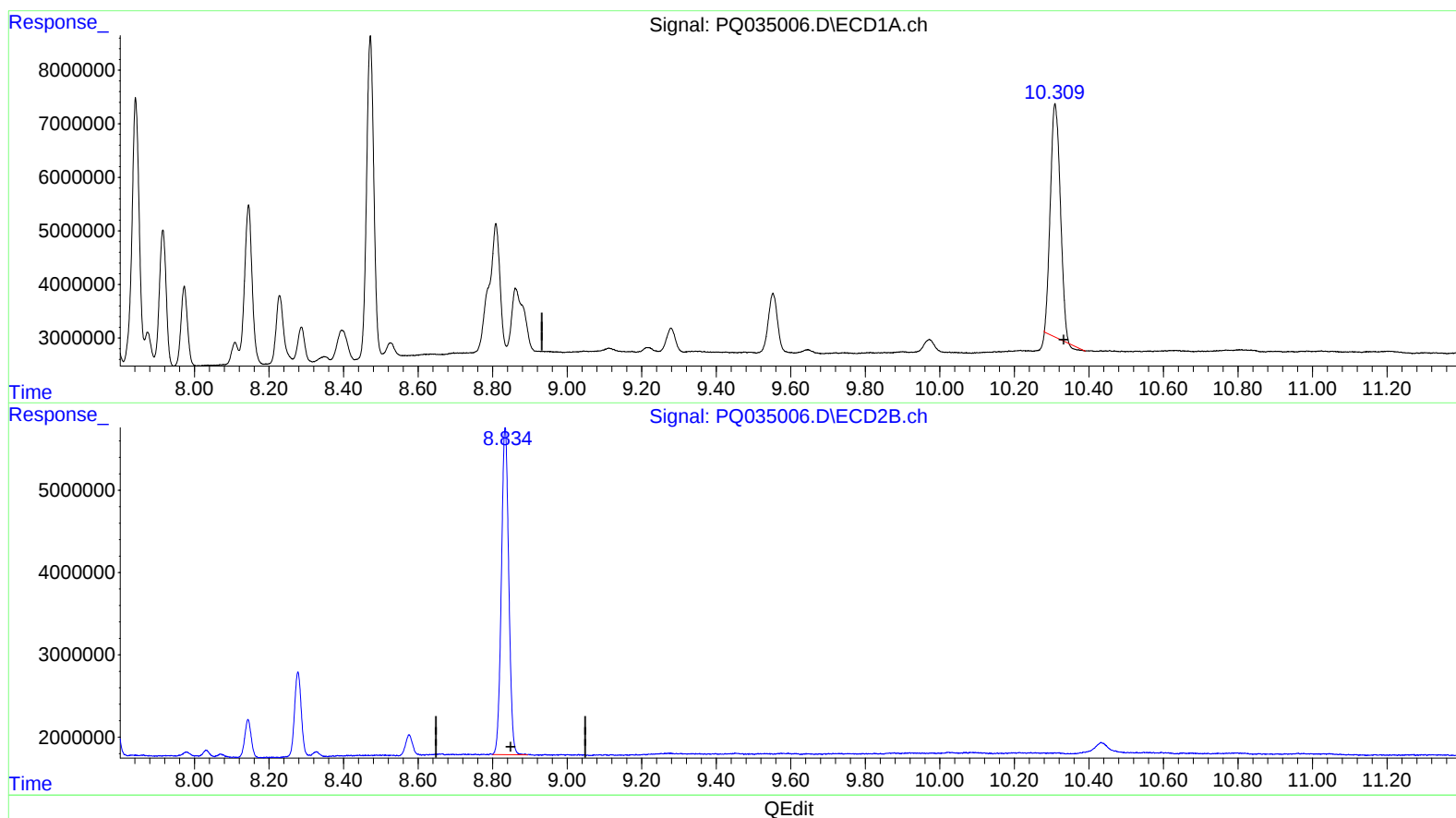
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(2) Decachlorobiphenyl (SA)

10.309min 29.093 ng/ml

response 80152293

(2) Decachlorobiphenyl #2 (SA)

8.834min 28.061 ng/ml

response 54692262

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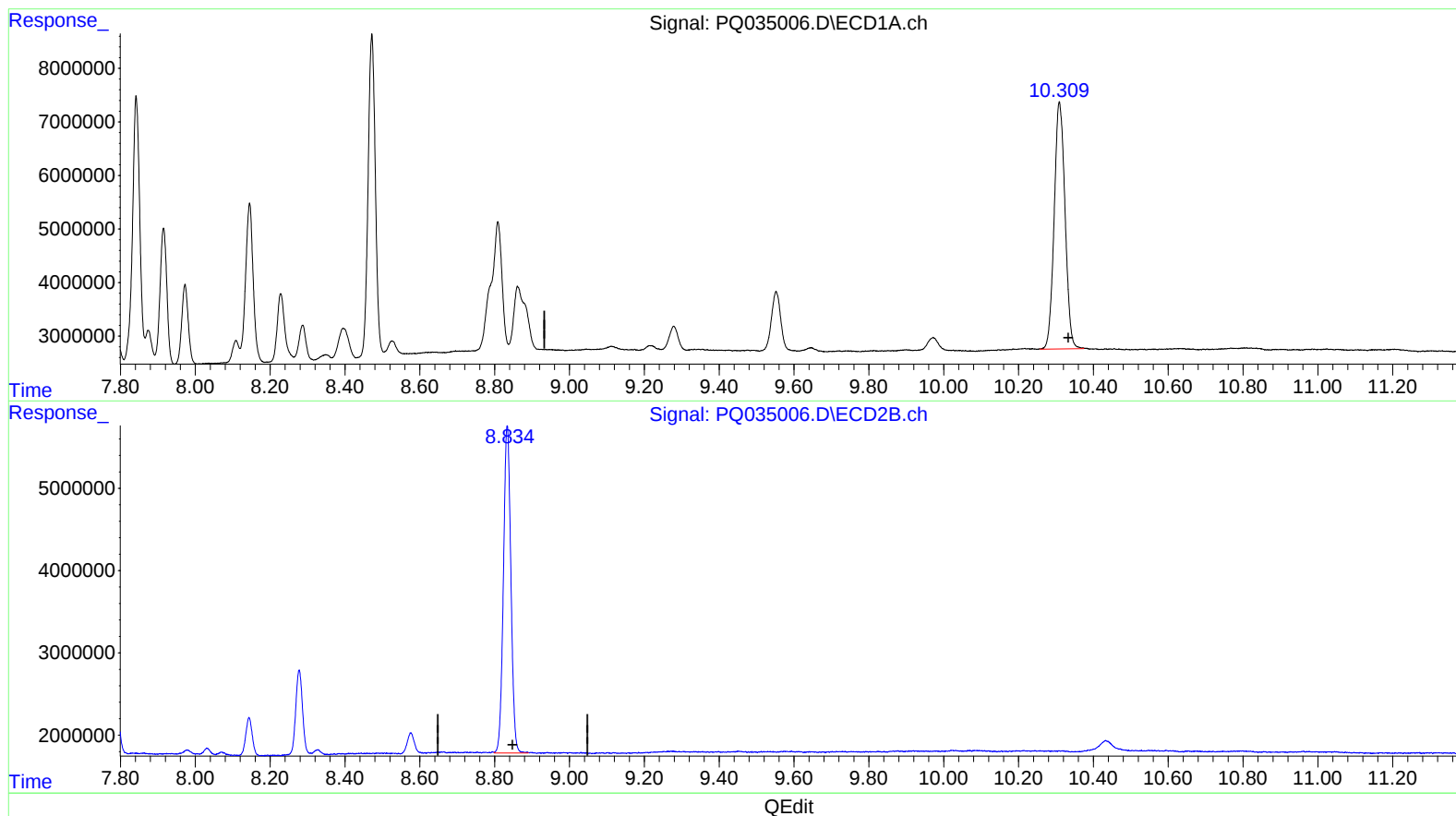
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(2) Decachlorobiphenyl (SA)

10.309min 33.664 ng/ml m

response 92744578

(2) Decachlorobiphenyl #2 (SA)

8.834min 28.141 ng/ml m

response 54848003

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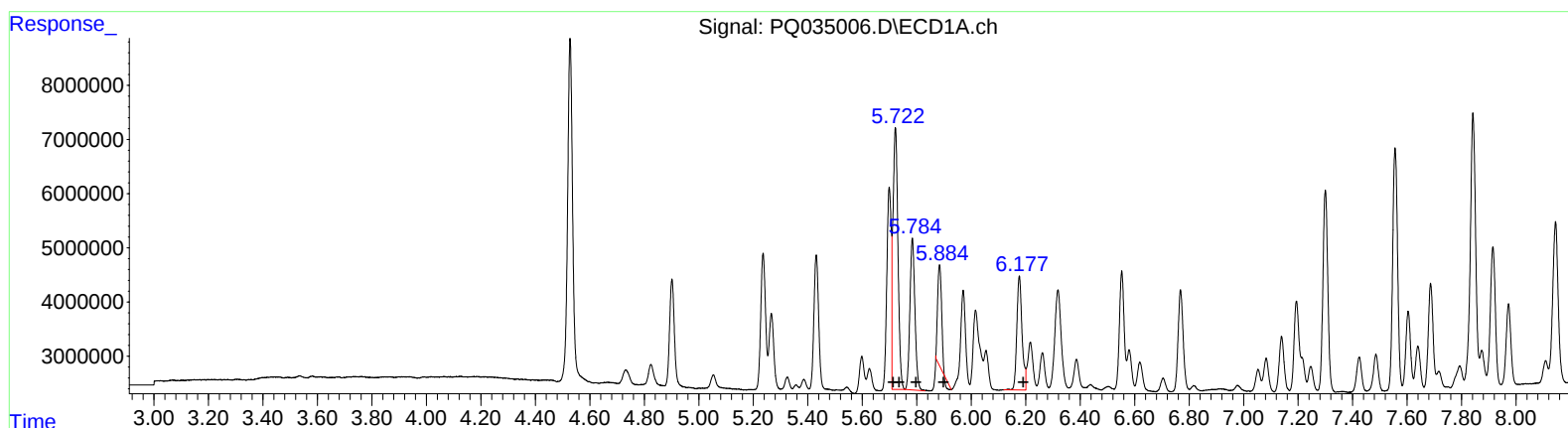
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(3) AR-1016-1 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 5.72 | 57349469 | 612.09 |
| 5.72 | 57349469 | 416.57 |
| 5.78 | 35727818 | 432.54 |
| 5.88 | 17647528 | 260.63 |
| 6.18 | 28094606 | 408.44 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 4.90 | 29945061 | 455.84 |
| 4.92 | 43509212 | 466.79 |
| 5.10 | 18769642 | 384.92 |
| 5.14 | 14767499 | 376.86 |
| 5.35 | 17188812 | 331.61 |

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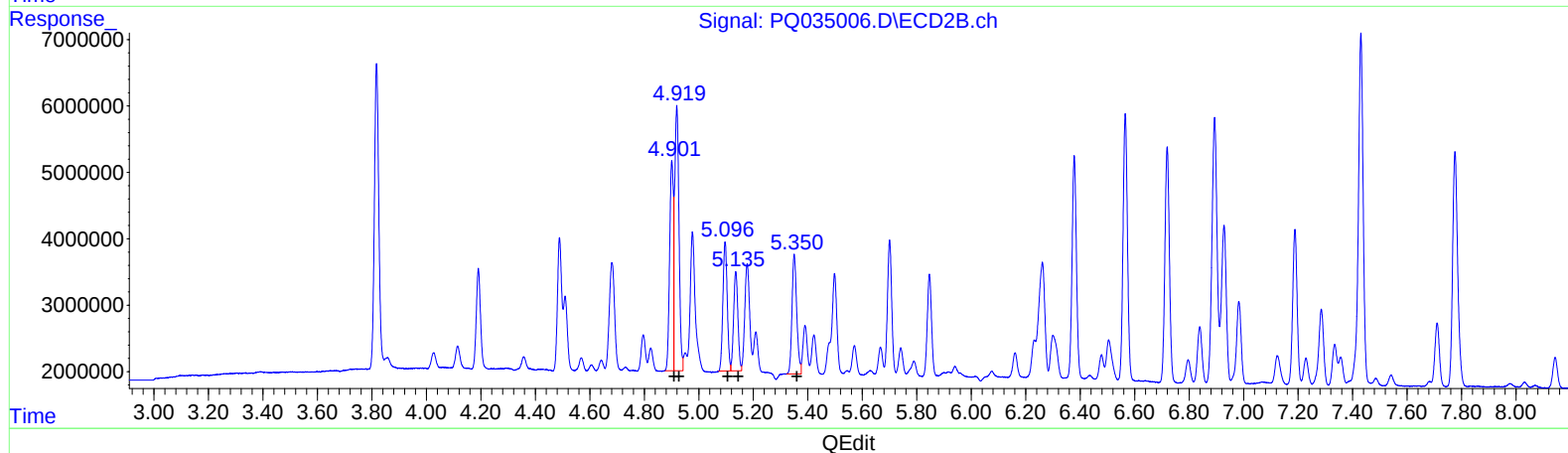
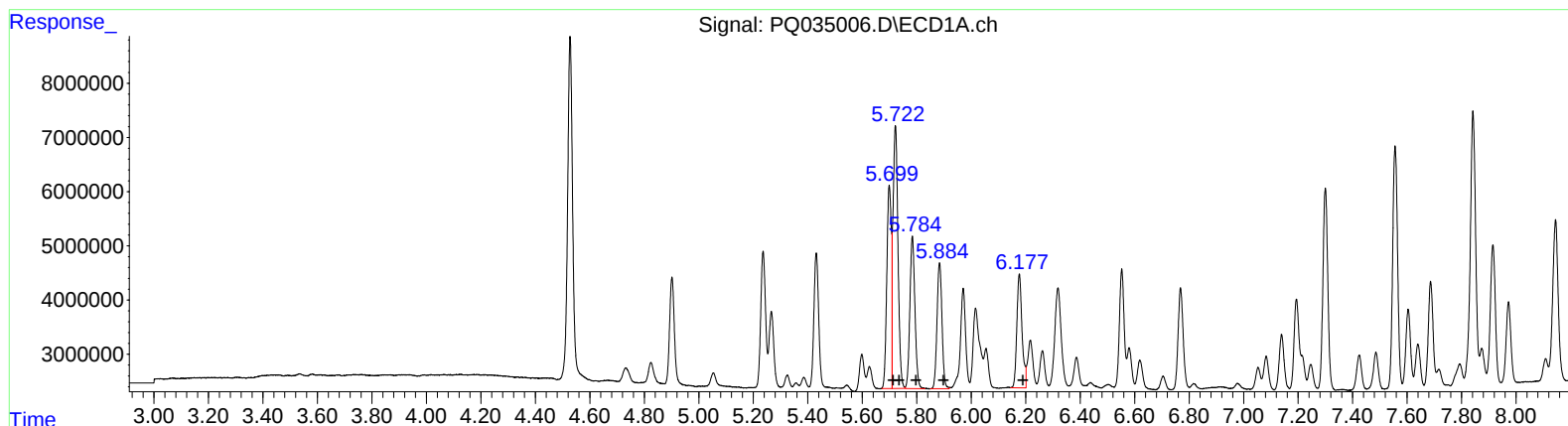
Instrument :  
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LabSampleId :  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(3) AR-1016-1 (L1)  
R.T. Response Conc  
5.70 43849073 468.00  
5.72 60179832 437.13  
5.78 36124288 437.34  
5.88 29433859 434.70  
6.18 28084993 408.30

(3) AR-1016-1 #2 (L1)  
R.T. Response Conc  
4.90 30269034 460.78  
4.92 43344390 465.02  
5.10 21548755 441.91  
5.14 16431338 419.32  
5.35 21851602 421.56



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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 LabSampleId :  
 AR1660315

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|--------|-------|----------|----------|----------|----------|
| -----                       |        |       |          |          |          |          |
| System Monitoring Compounds |        |       |          |          |          |          |
| 1) SA Tetrachlo...          | 4.527  | 3.817 | 80695552 | 49645087 | 29.297m  | 29.289   |
| 2) SA Decachlor...          | 10.309 | 8.834 | 92744578 | 54848003 | 33.664m  | 28.141m  |
| Target Compounds            |        |       |          |          |          |          |
| 3) L1 AR-1016-1             | 5.699  | 4.901 | 43849073 | 30269034 | 467.999m | 460.775m |
| 4) L1 AR-1016-2             | 5.722  | 4.919 | 60179832 | 43344390 | 437.125m | 465.025m |
| 5) L1 AR-1016-3             | 5.784  | 5.096 | 36124288 | 21548755 | 437.342m | 441.911m |
| 6) L1 AR-1016-4             | 5.884  | 5.135 | 29433859 | 16431338 | 434.701m | 419.325m |
| 7) L1 AR-1016-5             | 6.177  | 5.350 | 28084993 | 21851602 | 408.297m | 421.559m |
| 31) L7 AR-1260-1            | 7.300  | 6.378 | 46763693 | 37366379 | 336.878  | 348.508  |
| 32) L7 AR-1260-2            | 7.556  | 6.566 | 56183039 | 45230136 | 328.626  | 336.789  |
| 33) L7 AR-1260-3            | 7.915  | 6.720 | 31815771 | 40761058 | 298.532  | 332.026  |
| 34) L7 AR-1260-4            | 8.145  | 7.189 | 41974074 | 26512232 | 316.913  | 307.388  |
| 35) L7 AR-1260-5            | 8.472  | 7.431 | 81322990 | 64910944 | 299.725  | 295.291  |
| -----                       |        |       |          |          |          |          |

SJ11/28/18

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