

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR102219\  
Data File : PR042475.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2019 19:34  
Operator : SM\AJ  
Sample : K5403-04MS 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

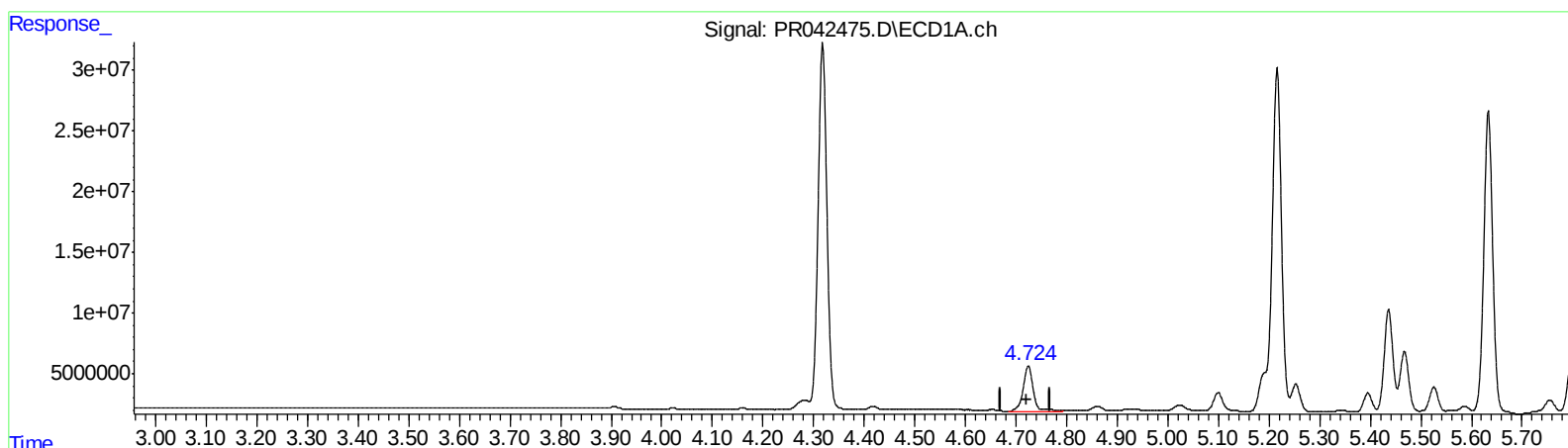
Instrument :  
ECD\_R  
ClientSampleId :  
BFB94MS

Manual Integrations  
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Ankita  
10/23/2019 1:23:14 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 06:07:03 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR100319CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 04 06:59:35 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



(1) Tetrachloro-m-xylene (SA)

4.725min 13.398 ng/ml

response 54504472

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

3.986min 10.865 ng/ml

response 166141072

QEdit

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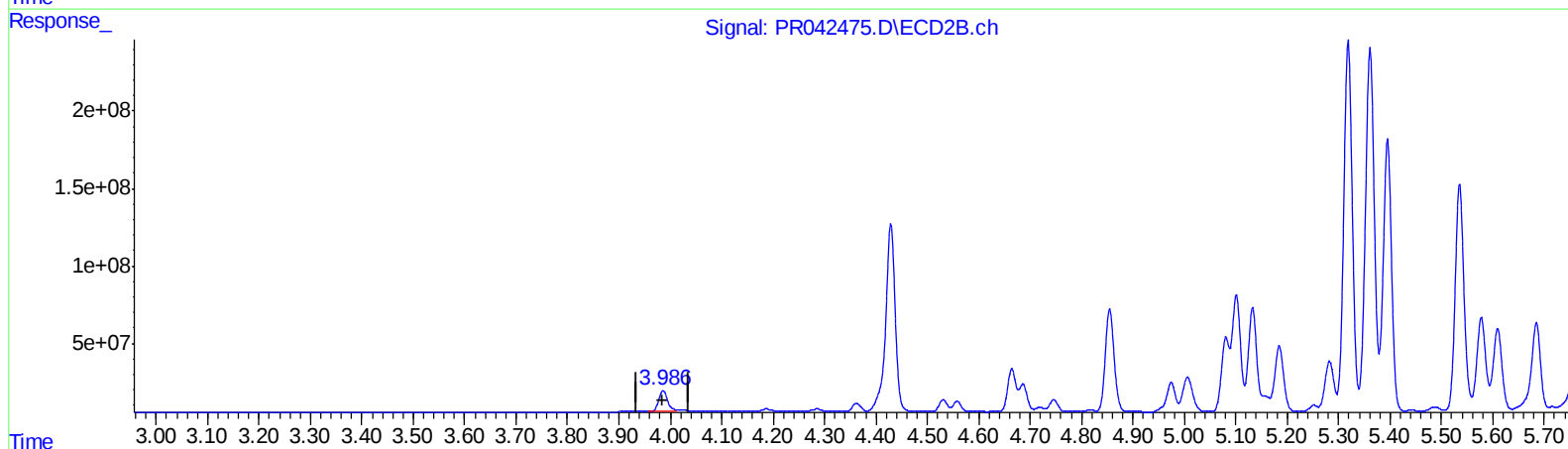
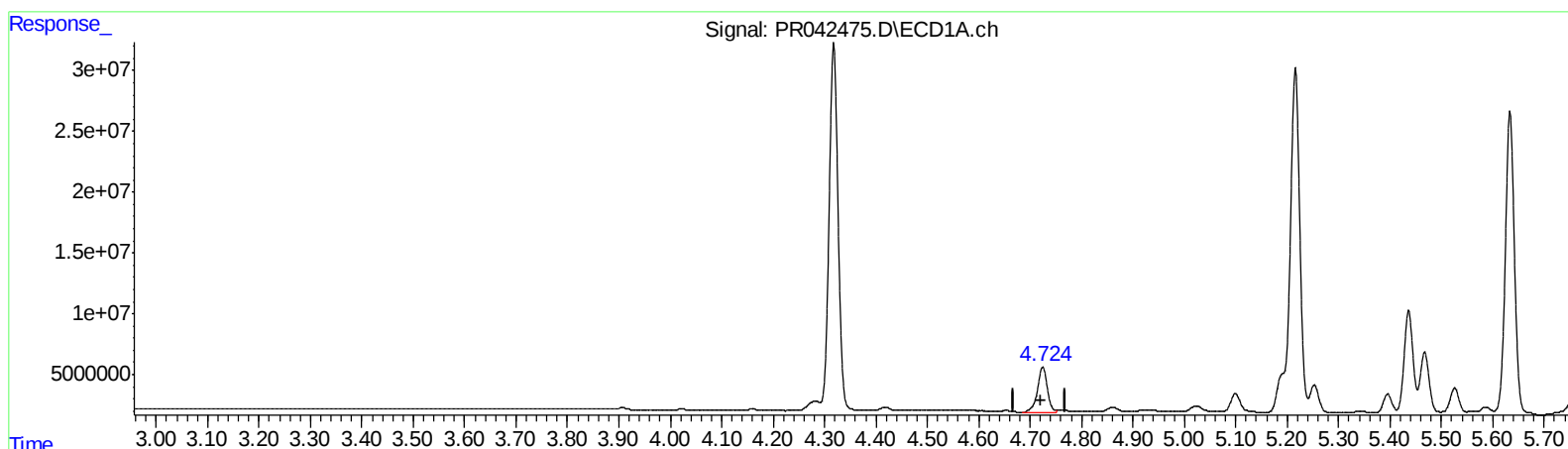
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(1) Tetrachloro-m-xylene (SA)

4.724min 12.602 ng/ml m

response 51263039

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

3.986min 10.865 ng/ml

response 166141072

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Operator : SM\AJ  
Sample : K5403-04MS 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

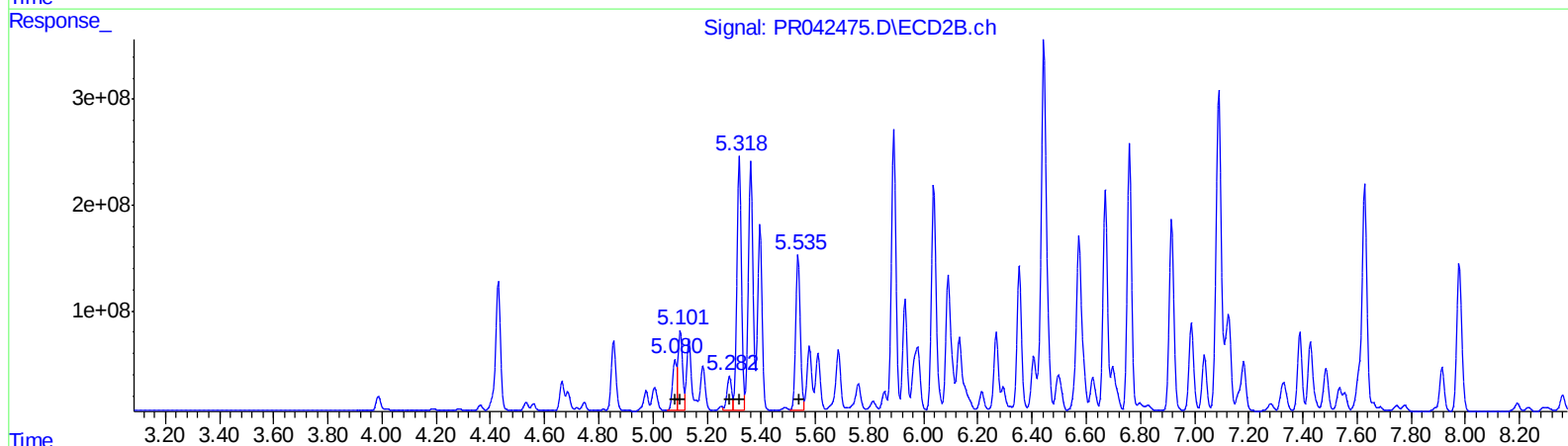
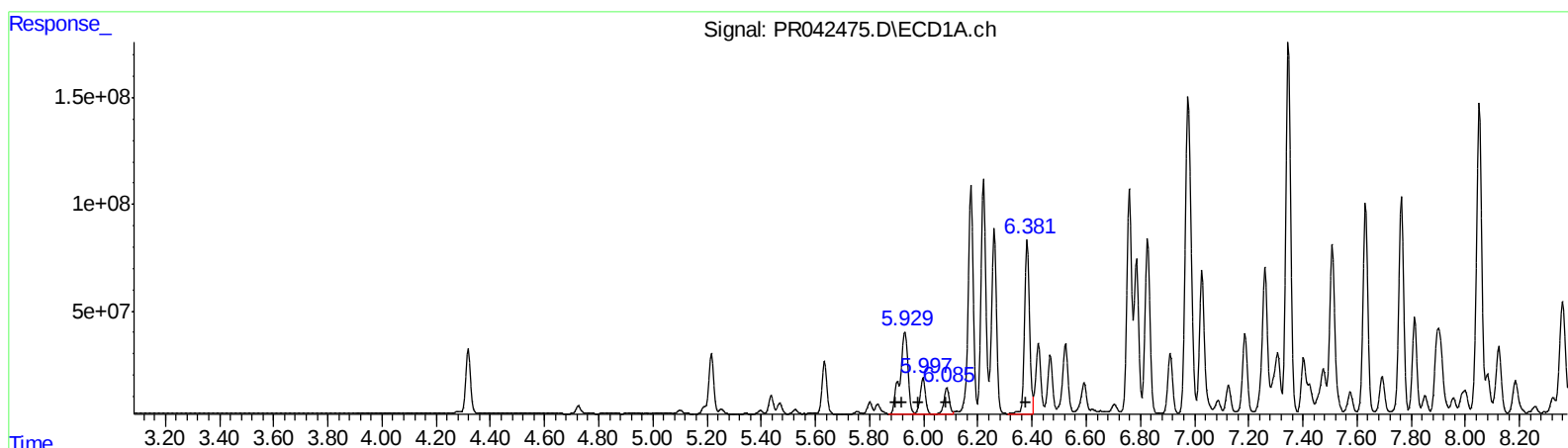
Instrument :  
ECD\_R  
ClientSampled :  
BFB94MS

Manual Integrations  
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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



QEdit

(3) AR-1016-1 (L1)  
R.T. Response Conc  
5.93 811422778 5651.79  
5.93 811422778 3967.91  
6.00 231186641 1901.62  
6.08 176901992 1739.43  
6.38 1056293661 10608.46

(3) AR-1016-1 #2 (L1)  
R.T. Response Conc  
5.08 477850076 879.05  
5.10 879162419 1218.06  
5.28 392574371 1076.59  
5.32 2766991940 9970.78  
5.54 1719825245 5561.94

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR102219\  
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Misc :  
ALS Vial : 41 Sample Multiplier: 1

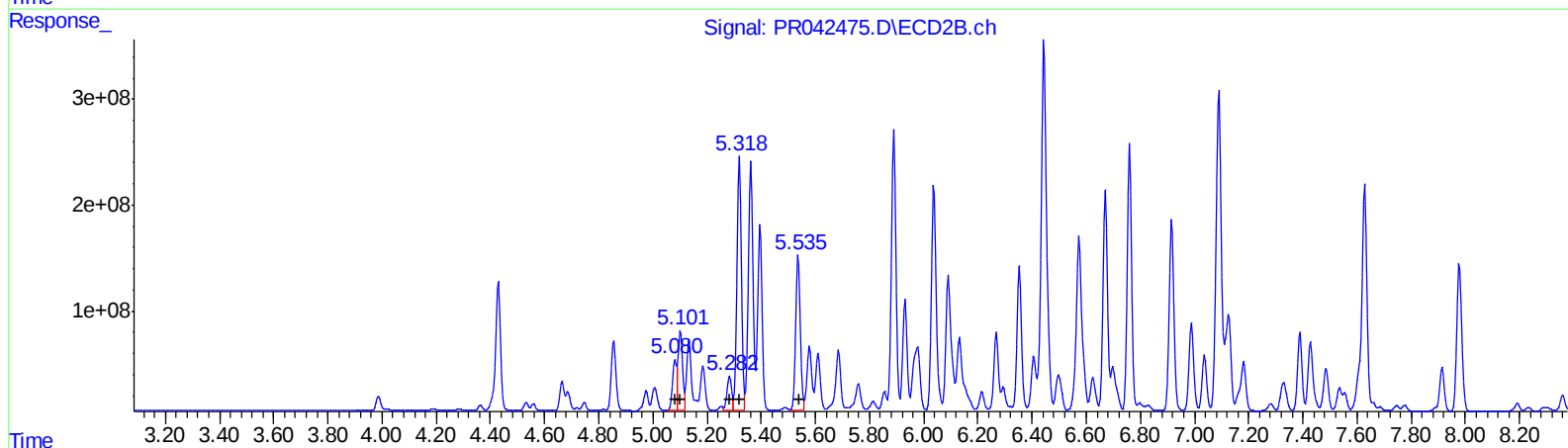
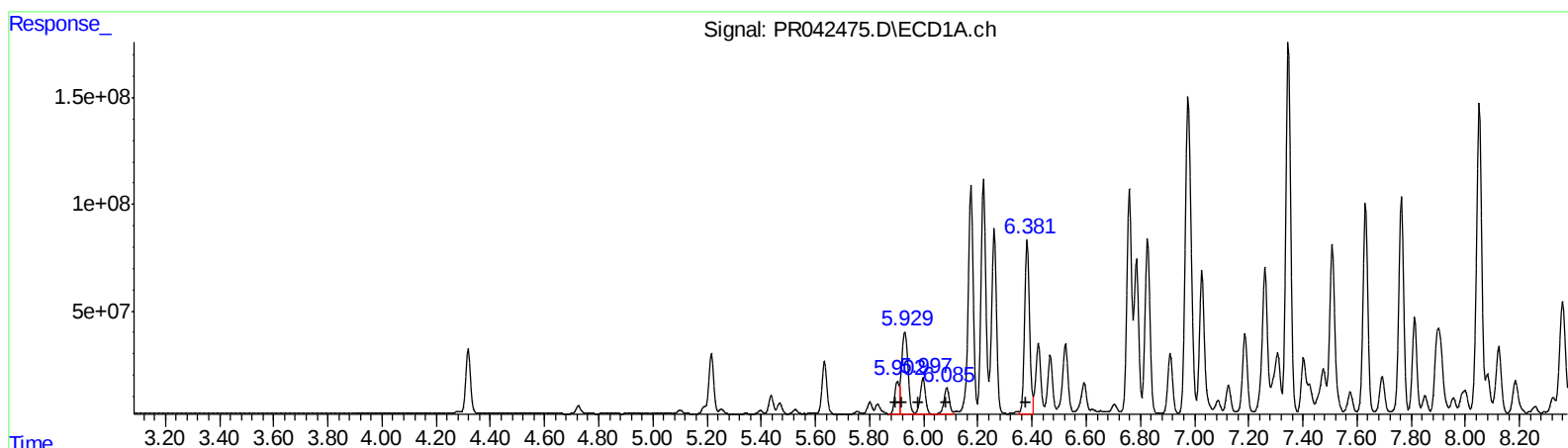
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Integrator: ChemStation

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

(3) AR-1016-1 (L1)  
R.T. Response Conc  
5.90 172899981 1204.30  
5.93 634844414 3104.43  
6.00 231186641 1901.62  
6.08 176901992 1739.43  
6.38 1040522300 10450.07  
(3) AR-1016-1 #2 (L1)  
R.T. Response Conc  
5.08 477850076 879.05  
5.10 879162419 1218.06  
5.28 392574371 1076.59  
5.32 2766991940 9970.78  
5.54 1719825245 5561.94

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Sample : K5403-04MS 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

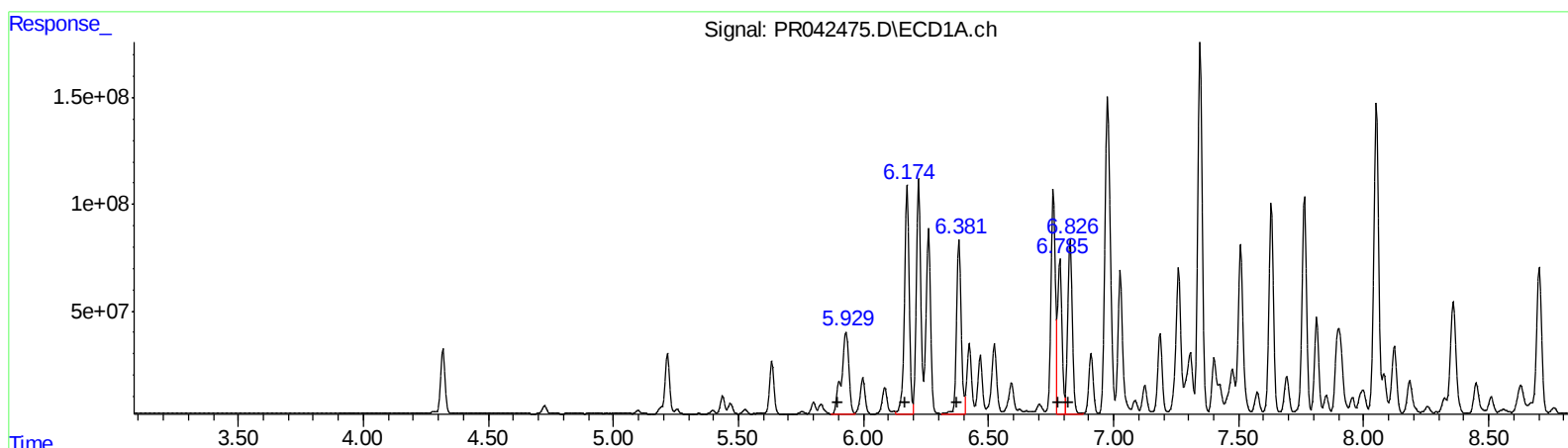
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ClientSampleId :  
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Manual Integrations  
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Integrator: ChemStation

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



(21) AR-1248-1 (L5)  
R.T. Response Conc  
5.93 811422778 9751.23  
6.17 1402899093 12225.23  
6.38 1056293661 8146.83  
6.79 845008815 5506.87  
6.83 1065630317 7359.86  
(21) AR-1248-1 #2 (L5)  
R.T. Response Conc  
5.08 477850076 1466.07  
5.32 2766991940 7428.74  
5.36 2815677008 7522.14  
5.54 1719825245 4318.17  
5.93 1191202845 3410.62

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Operator : SM\AJ  
Sample : K5403-04MS 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

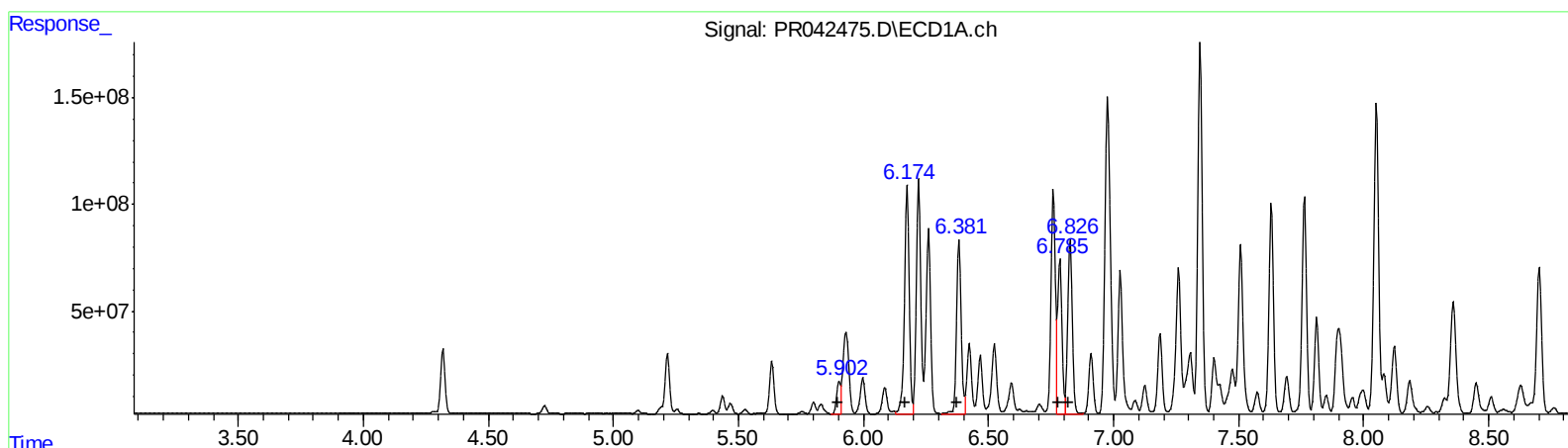
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ECD\_R  
ClientSampleId :  
BFB94MS

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QLast Update : Fri Oct 04 06:59:35 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     |
|------------------------|------|------------|----------|
|                        | 5.90 | 177446101  | 2132.45  |
|                        | 6.17 | 1402899093 | 12225.23 |
|                        | 6.38 | 1056293661 | 8146.83  |
|                        | 6.79 | 845008815  | 5506.87  |
|                        | 6.83 | 1065630317 | 7359.86  |

| (21) AR-1248-1 #2 (L5) | R.T. | Response   | Conc    |
|------------------------|------|------------|---------|
|                        | 5.08 | 477850076  | 1466.07 |
|                        | 5.32 | 2766991940 | 7428.74 |
|                        | 5.36 | 2815677008 | 7522.14 |
|                        | 5.54 | 1719825245 | 4318.17 |
|                        | 5.93 | 1191202845 | 3410.62 |

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Acq On : 22 Oct 2019 19:34  
Operator : SM\AJ  
Sample : K5403-04MS 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

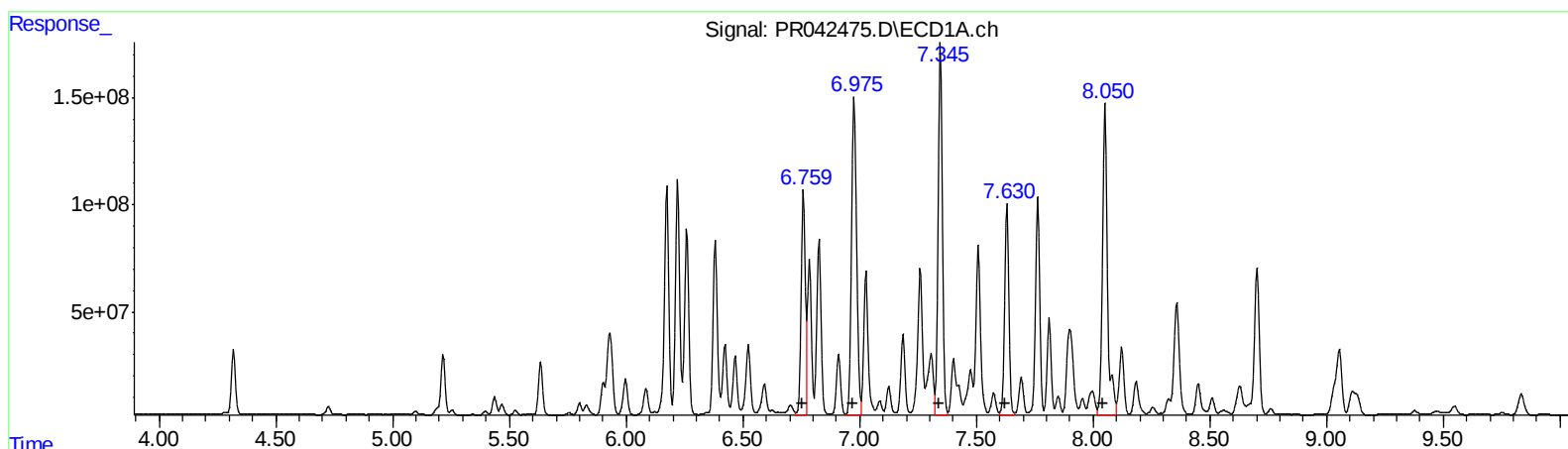
Instrument :  
ECD\_R  
ClientSampleId :  
BFB94MS

Manual Integrations  
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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



(26) AR-1254-1 (L6)  
R.T. Response Conc  
6.76 1295808723 7934.57  
6.98 2251166610 9073.63  
7.35 2192031559 8122.80  
7.63 1246964004 6143.99  
8.05 2166366250 10187.30

(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
5.89 3074245833 5803.36  
6.04 2476139299 4938.90  
6.44 4742450676 5026.73  
6.67 2302928530 3478.33  
7.09 4064820712 4734.00

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR102219\  
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Acq On : 22 Oct 2019 19:34  
Operator : SM\AJ  
Sample : K5403-04MS 2X  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

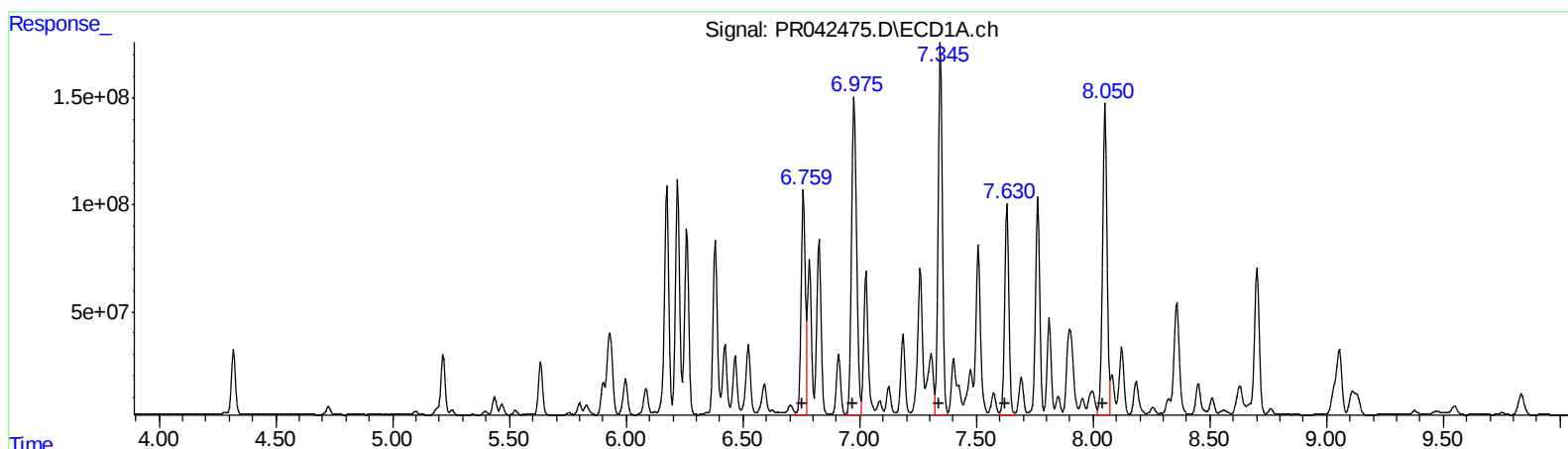
Instrument :  
ECD\_R  
ClientSampleId :  
BFB94MS

Manual Integrations  
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10/23/2019 1:23:14 PM

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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



(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
6.76 1295808723 7934.57  
6.98 2251166610 9073.63  
7.35 2192031559 8122.80  
7.63 1246964004 6143.99  
8.05 1960116046 9217.41

(26) AR-1254-1 #2 (L6)  
R.T. Response Conc  
5.89 3074245833 5803.36  
6.04 2585894859 5157.82  
6.44 4742450676 5026.73  
6.67 2302928530 3478.33  
7.09 4064820712 4734.00

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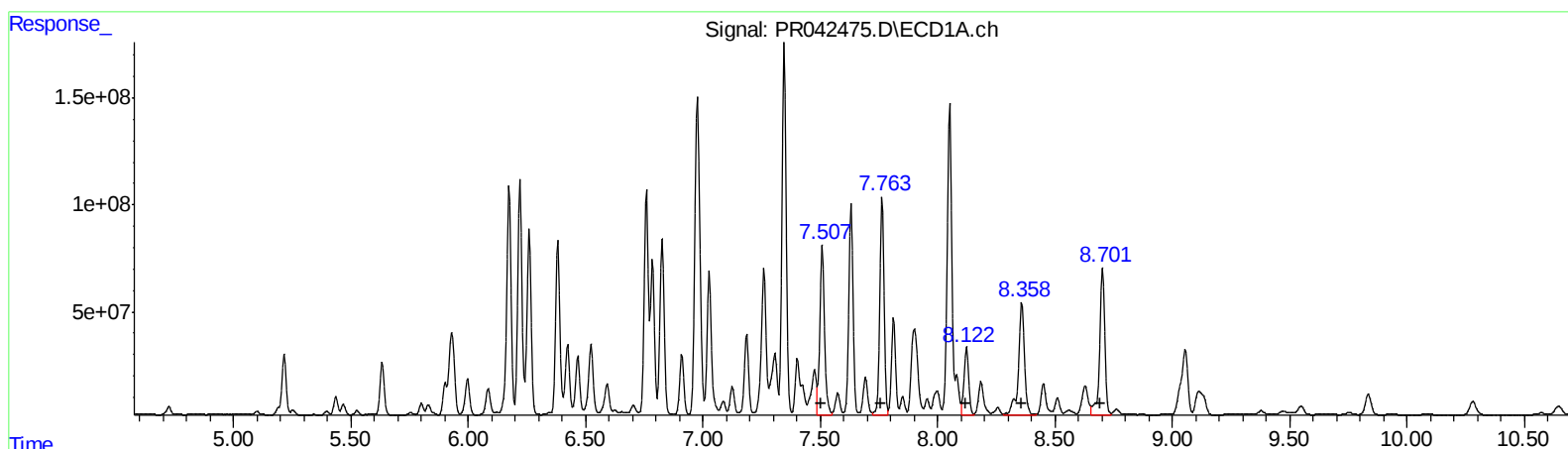
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(31) AR-1260-1 (L7)  
R.T. Response Conc  
7.51 1092183492 5764.54  
7.76 1290789206 5461.08  
8.12 443832774 2364.23  
8.36 956656597 4760.28  
8.70 1050731879 2427.27

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
6.57 2068769314 3490.01  
6.76 2776964514 3406.16  
6.91 2188702877 3166.03  
7.39 856035088 1475.18  
7.63 3135484232 1928.51

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR102219\  
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Sample : K5403-04MS 2X  
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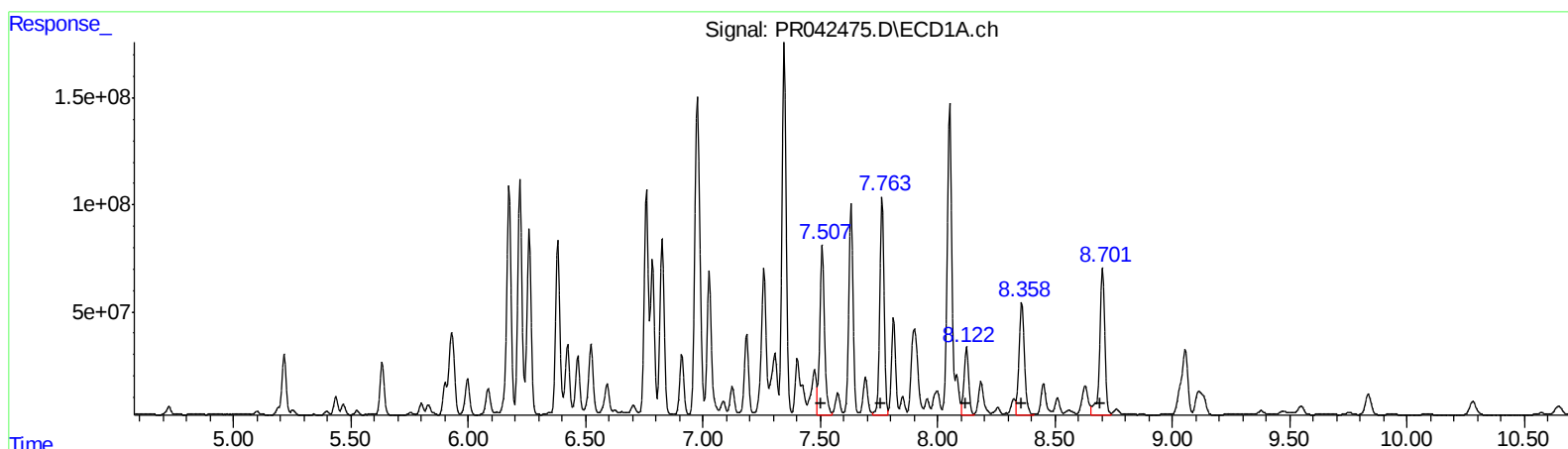
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Manual Integrations  
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(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
7.51 1092183492 5764.54  
7.76 1290789206 5461.08  
8.12 443832774 2364.23  
8.36 843661948 4198.02  
8.70 1050731879 2427.27

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
6.57 2461108207 4151.89  
6.76 2776964514 3406.16  
6.91 2188702877 3166.03  
7.39 856035088 1475.18  
7.63 3135484232 1928.51

(+) = Expected Retention Time

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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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml      | ng/ml      |
|-----------------------------|--------|-------|----------|----------|------------|------------|
| -----                       |        |       |          |          |            |            |
| System Monitoring Compounds |        |       |          |          |            |            |
| 1) SA Tetrachlo...          | 4.724  | 3.986 | 51263039 | 166.1E6  | 12.602m    | 10.865     |
| 2) SA Decachlor...          | 10.645 | 9.091 | 91527451 | 211.2E6  | 26.637     | 21.303     |
| Target Compounds            |        |       |          |          |            |            |
| 3) L1 AR-1016-1             | 5.902  | 5.081 | 172.9E6  | 477.9E6  | 1204.297m  | 879.054 #  |
| 4) L1 AR-1016-2             | 5.929  | 5.101 | 634.8E6  | 879.2E6  | 3104.427m  | 1218.058 # |
| 5) L1 AR-1016-3             | 5.997  | 5.282 | 231.2E6  | 392.6E6  | 1901.618   | 1076.588 # |
| 6) L1 AR-1016-4             | 6.085  | 5.319 | 176.9E6  | 2767.0E6 | 1739.433   | 9970.782 # |
| 7) L1 AR-1016-5             | 6.381  | 5.536 | 1040.5E6 | 1719.8E6 | 10450.068m | 5561.942 # |
| 21) L5 AR-1248-1            | 5.902  | 5.081 | 177.4E6  | 477.9E6  | 2132.448m  | 1466.069 # |
| 22) L5 AR-1248-2            | 6.174  | 5.319 | 1402.9E6 | 2767.0E6 | 12225.233  | 7428.744 # |
| 23) L5 AR-1248-3            | 6.382  | 5.361 | 1056.3E6 | 2815.7E6 | 8146.825   | 7522.135   |
| 24) L5 AR-1248-4            | 6.785  | 5.536 | 845.0E6  | 1719.8E6 | 5506.865   | 4318.171   |
| 25) L5 AR-1248-5            | 6.826  | 5.931 | 1065.6E6 | 1191.2E6 | 7359.862   | 3410.622 # |
| 26) L6 AR-1254-1            | 6.759  | 5.889 | 1295.8E6 | 3074.2E6 | 7934.566   | 5803.363 # |
| 27) L6 AR-1254-2            | 6.976  | 6.036 | 2251.2E6 | 2585.9E6 | 9073.629   | 5157.815m# |
| 28) L6 AR-1254-3            | 7.346  | 6.443 | 2192.0E6 | 4742.5E6 | 8122.799   | 5026.731 # |
| 29) L6 AR-1254-4            | 7.631  | 6.670 | 1247.0E6 | 2302.9E6 | 6143.990   | 3478.328 # |
| 30) L6 AR-1254-5            | 8.050  | 7.089 | 1960.1E6 | 4064.8E6 | 9217.414m  | 4733.998 # |
| 31) L7 AR-1260-1            | 7.508  | 6.573 | 1092.2E6 | 2461.1E6 | 5764.542   | 4151.889m# |
| 32) L7 AR-1260-2            | 7.763  | 6.759 | 1290.8E6 | 2777.0E6 | 5461.084   | 3406.160 # |
| 33) L7 AR-1260-3            | 8.123  | 6.915 | 443.8E6  | 2188.7E6 | 2364.232   | 3166.026 # |
| 34) L7 AR-1260-4            | 8.358  | 7.388 | 843.7E6  | 856.0E6  | 4198.022m  | 1475.175 # |
| 35) L7 AR-1260-5            | 8.702  | 7.627 | 1050.7E6 | 3135.5E6 | 2427.267   | 1928.509   |
| -----                       |        |       |          |          |            |            |

AJ  
 10/24/19

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