

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040819\  
 Data File : PR036988.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Apr 2019 17:40  
 Operator : SM\SJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

mohammad  
 4/10/2019 4:04:57 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 09 01:43:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 03 03:09:33 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.396  | 3.469 | 89064845 | 353.8E6  | 55.904  | 60.394m  |
| 2)                          | SA Decachlor... | 10.035 | 8.322 | 97386020 | 453.7E6  | 51.980  | 56.840   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.555  | 4.517 | 36741180 | 151.7E6  | 566.845 | 628.089  |
| 4)                          | L1 AR-1016-2    | 5.576  | 4.533 | 57541487 | 239.7E6  | 547.274 | 614.079  |
| 5)                          | L1 AR-1016-3    | 5.638  | 4.705 | 33877403 | 123.1E6  | 536.493 | 630.933  |
| 6)                          | L1 AR-1016-4    | 5.736  | 4.746 | 27914666 | 92791053 | 529.985 | 611.056  |
| 7)                          | L1 AR-1016-5    | 6.027  | 4.952 | 28921092 | 127.3E6  | 531.249 | 612.598m |
| 31)                         | L7 AR-1260-1    | 7.141  | 5.958 | 55282068 | 259.7E6  | 542.417 | 593.724m |
| 32)                         | L7 AR-1260-2    | 7.397  | 6.144 | 65929816 | 391.7E6  | 537.294 | 598.818m |
| 33)                         | L7 AR-1260-3    | 7.754  | 6.294 | 50109950 | 314.7E6  | 522.019 | 594.960m |
| 34)                         | L7 AR-1260-4    | 7.980  | 6.756 | 57416196 | 275.8E6  | 518.138 | 591.334m |
| 35)                         | L7 AR-1260-5    | 8.293  | 6.998 | 114.2E6  | 786.7E6  | 523.992 | 590.829m |
| -----                       |                 |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040819\  
Data File : PR036988.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Apr 2019 17:40  
Operator : SM\SJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

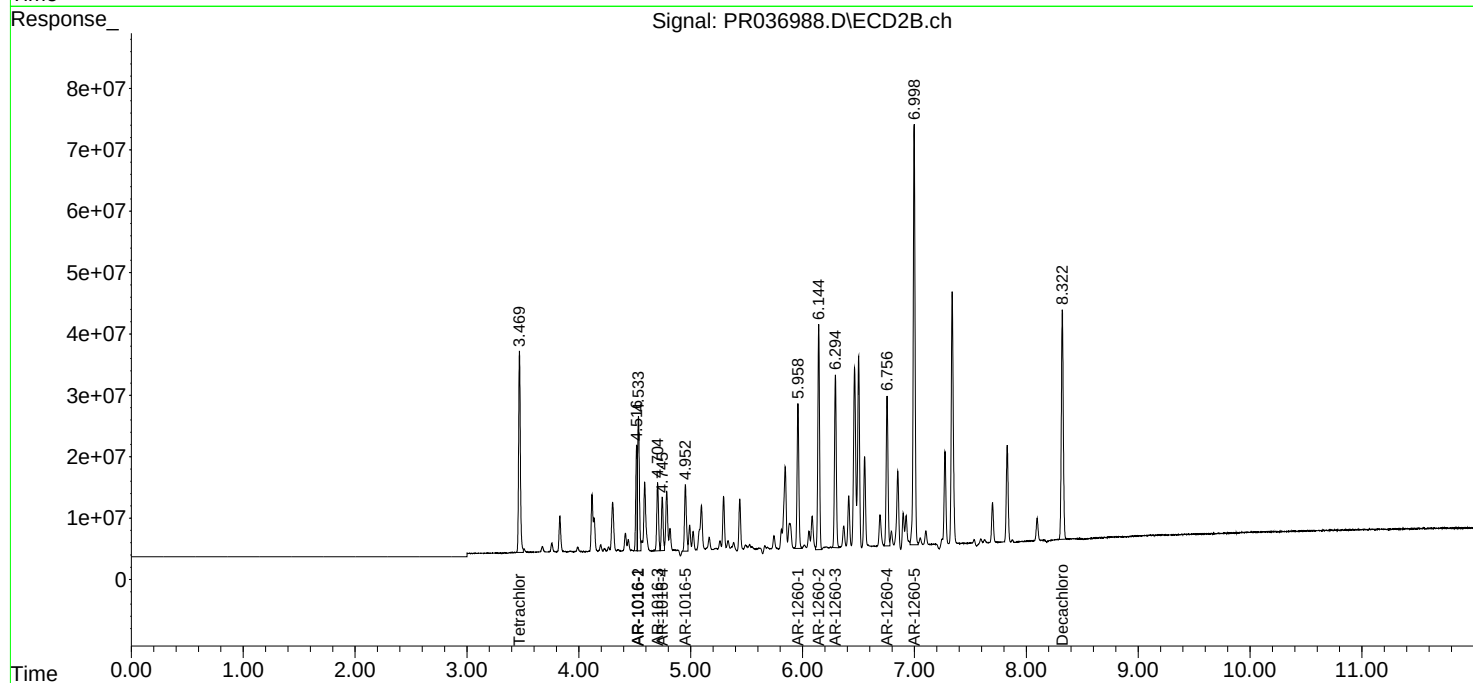
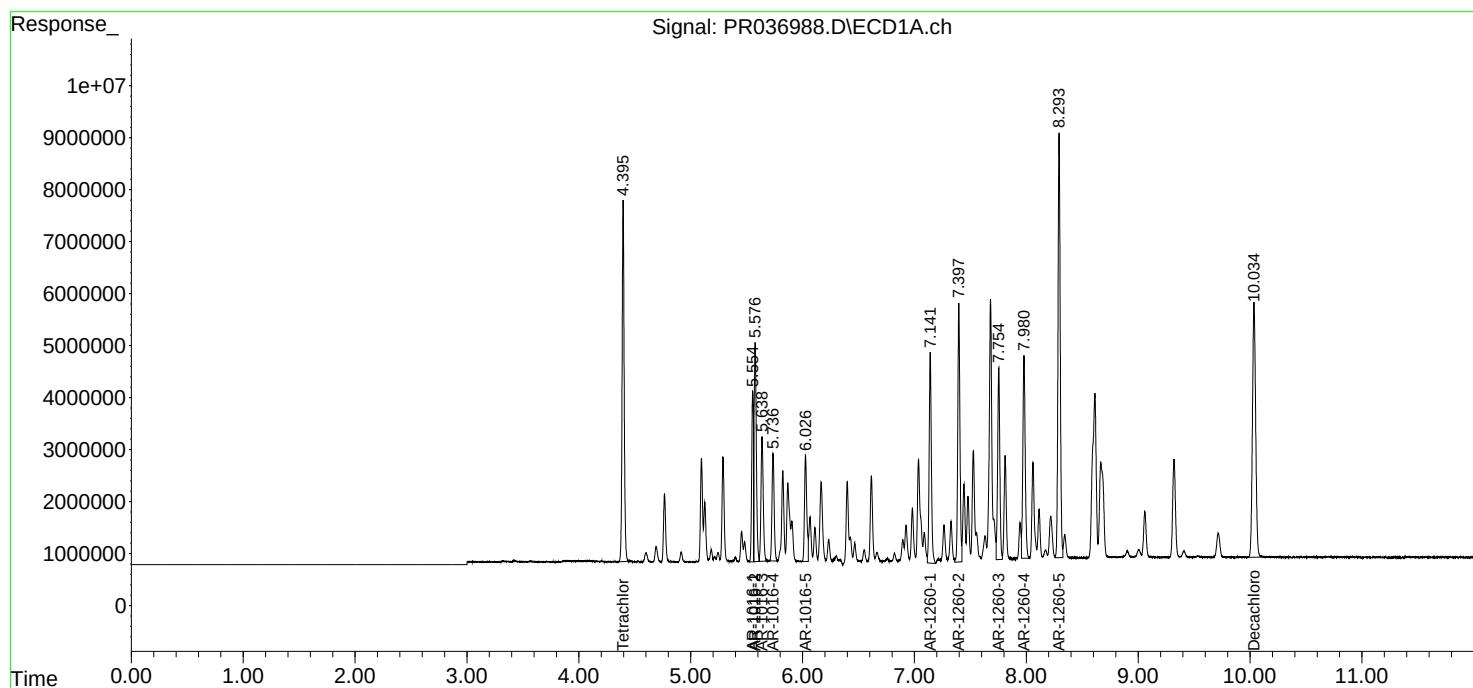
Instrument :  
ECD\_R  
ClientSampled :  
AR1660CCC500

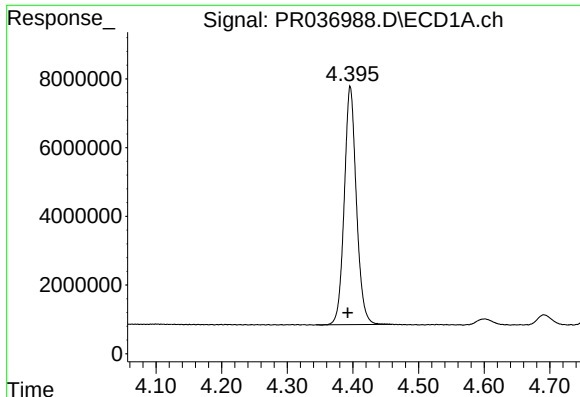
Manual Integrations  
APPROVED

mohammad  
4/10/2019 4:04:57 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 09 01:43:00 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 03 03:09:33 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





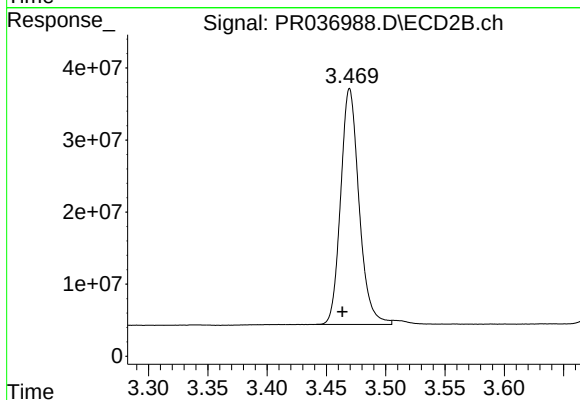
#1 Tetrachloro-m-xylene

R.T.: 4.396 min  
Delta R.T.: 0.004 min  
Response: 89064845  
Conc: 55.90 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660CCC500

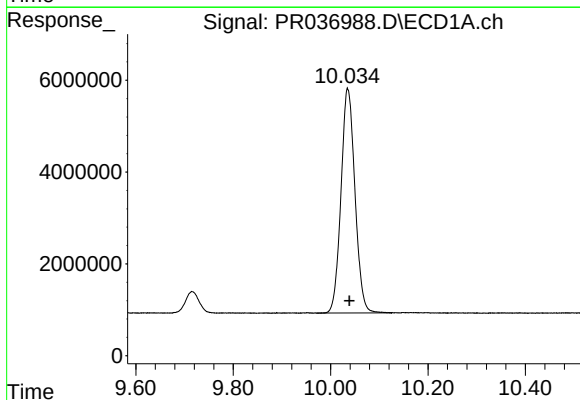
Manual Integrations  
APPROVED

mohammad  
4/10/2019 4:04:57 PM



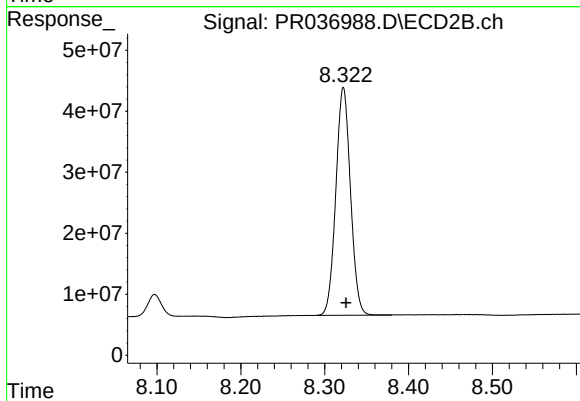
#1 Tetrachloro-m-xylene

R.T.: 3.469 min  
Delta R.T.: 0.006 min  
Response: 353785929  
Conc: 60.39 ng/ml m



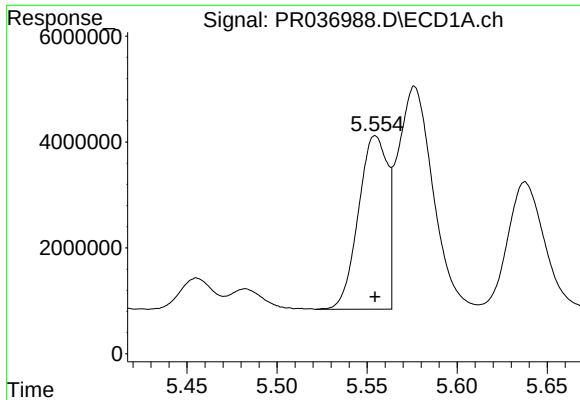
#2 Decachlorobiphenyl

R.T.: 10.035 min  
Delta R.T.: -0.003 min  
Response: 97386020  
Conc: 51.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.322 min  
Delta R.T.: -0.003 min  
Response: 453711881  
Conc: 56.84 ng/ml



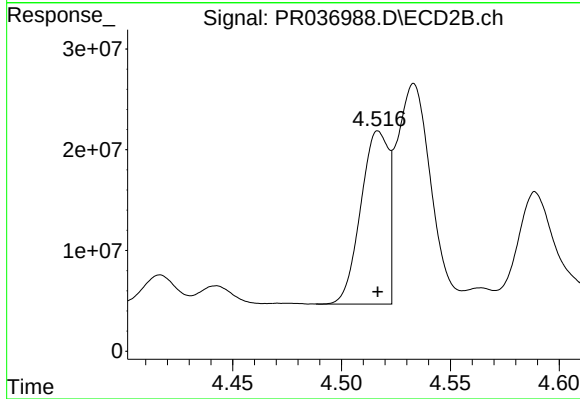
#3 AR-1016-1

R.T.: 5.555 min  
Delta R.T.: 0.000 min  
Response: 36741180  
Conc: 566.85 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660CCC500

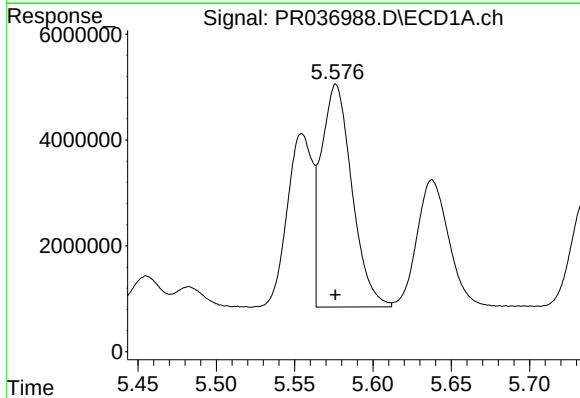
Manual Integrations  
APPROVED

mohammad  
4/10/2019 4:04:57 PM



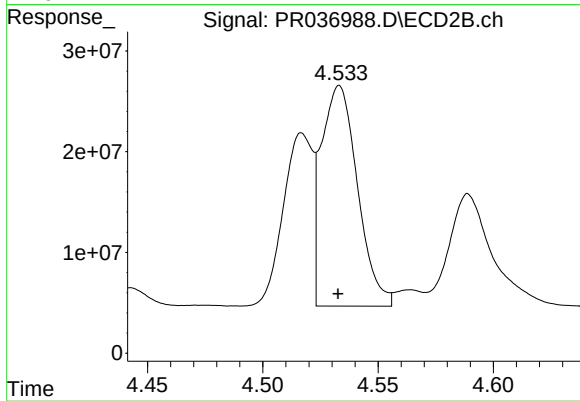
#3 AR-1016-1

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 151679142  
Conc: 628.09 ng/ml



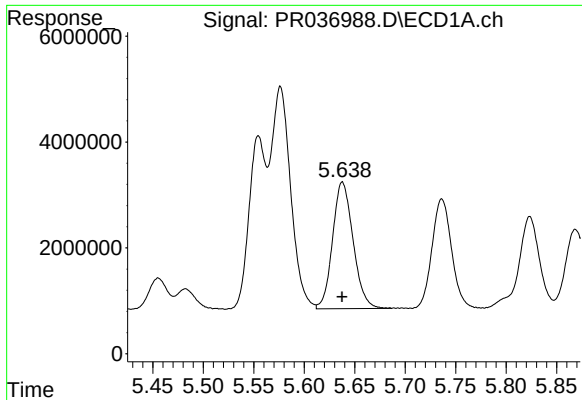
#4 AR-1016-2

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 57541487  
Conc: 547.27 ng/ml



#4 AR-1016-2

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 239738394  
Conc: 614.08 ng/ml



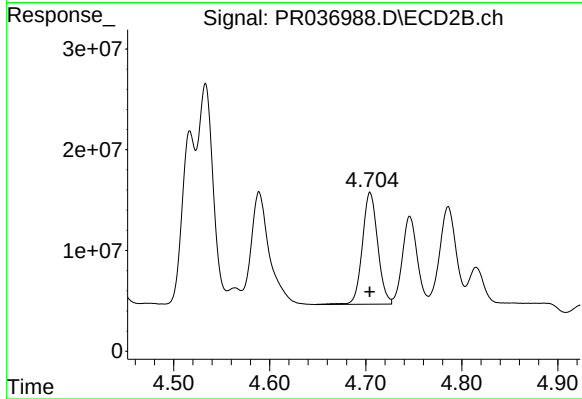
#5 AR-1016-3

R.T.: 5.638 min  
Delta R.T.: 0.000 min  
Response: 33877403  
Conc: 536.49 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660CCC500

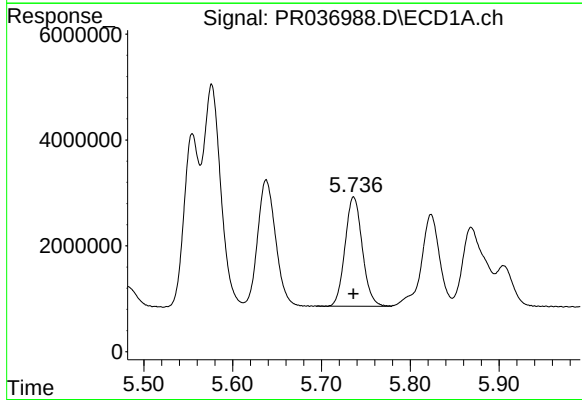
Manual Integrations  
APPROVED

mohammad  
4/10/2019 4:04:57 PM



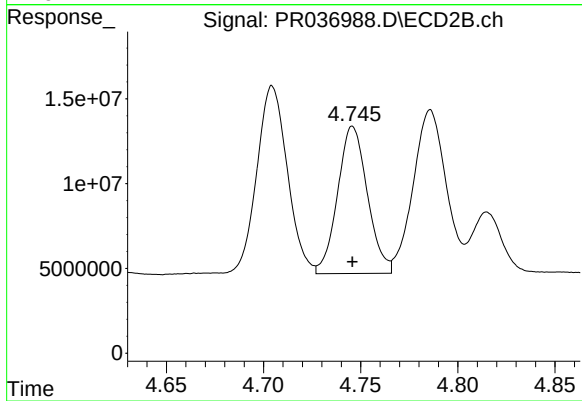
#5 AR-1016-3

R.T.: 4.705 min  
Delta R.T.: 0.000 min  
Response: 123068114  
Conc: 630.93 ng/ml



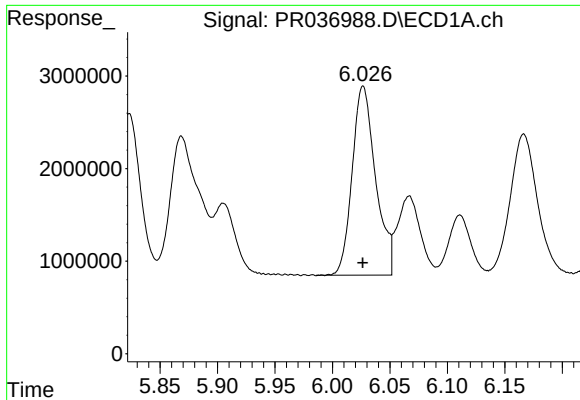
#6 AR-1016-4

R.T.: 5.736 min  
Delta R.T.: 0.000 min  
Response: 27914666  
Conc: 529.98 ng/ml



#6 AR-1016-4

R.T.: 4.746 min  
Delta R.T.: 0.000 min  
Response: 92791053  
Conc: 611.06 ng/ml



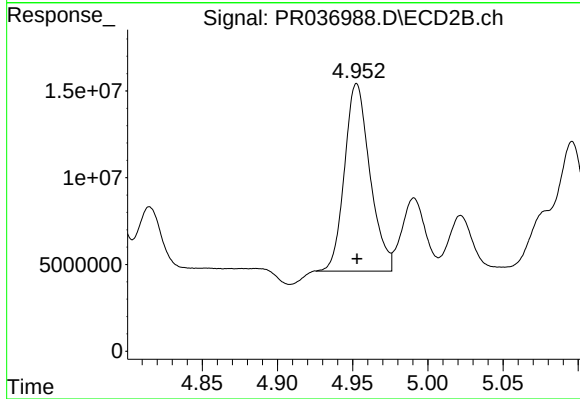
#7 AR-1016-5

R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 28921092  
Conc: 531.25 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660CCC500

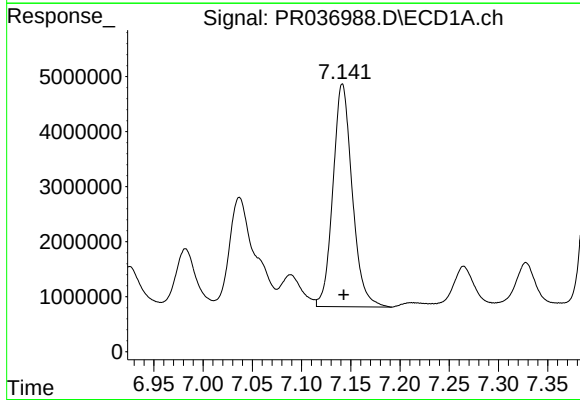
Manual Integrations  
APPROVED

mohammad  
4/10/2019 4:04:57 PM



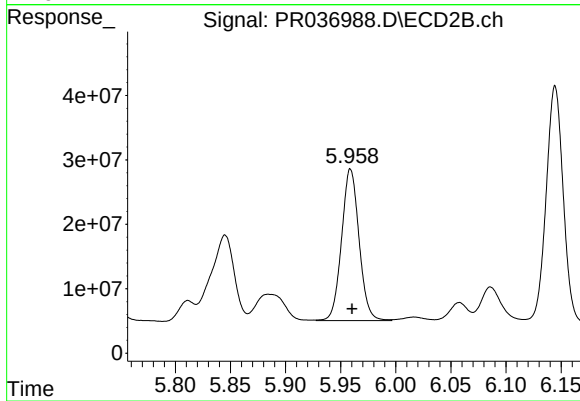
#7 AR-1016-5

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 127313587  
Conc: 612.60 ng/ml m



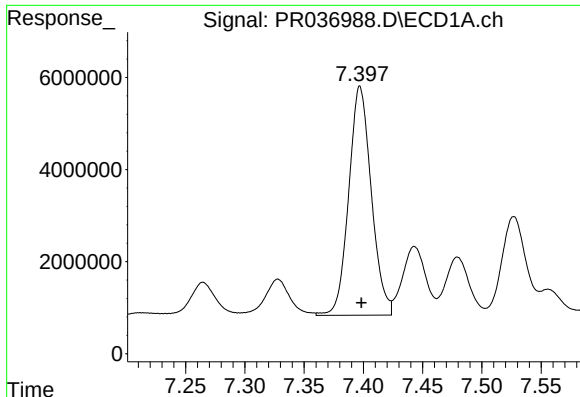
#31 AR-1260-1

R.T.: 7.141 min  
Delta R.T.: -0.001 min  
Response: 55282068  
Conc: 542.42 ng/ml



#31 AR-1260-1

R.T.: 5.958 min  
Delta R.T.: -0.002 min  
Response: 259681362  
Conc: 593.72 ng/ml m



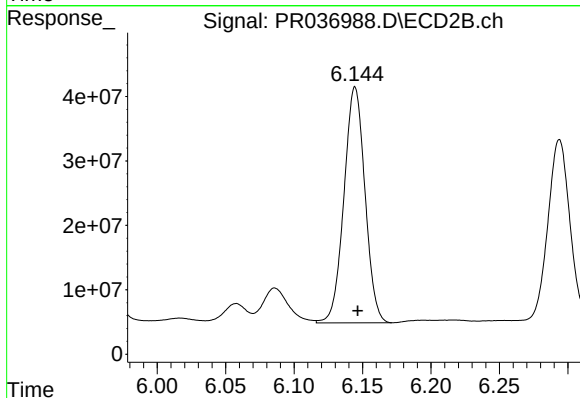
#32 AR-1260-2

R.T.: 7.397 min  
Delta R.T.: -0.001 min  
Response: 65929816  
Conc: 537.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660CCC500

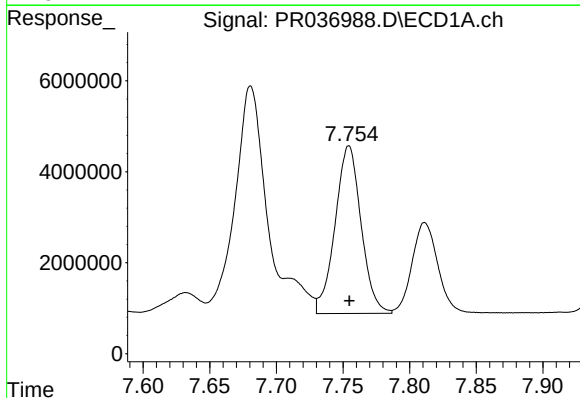
Manual Integrations  
APPROVED

mohammad  
4/10/2019 4:04:57 PM



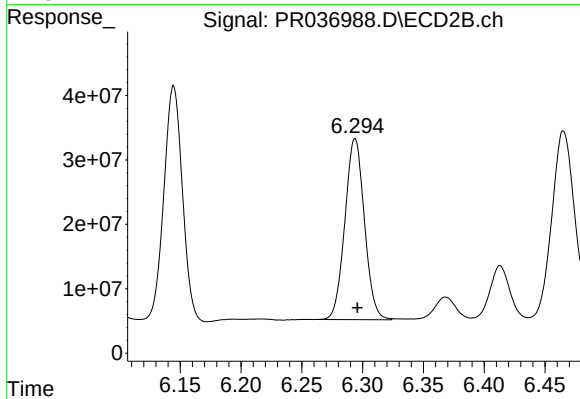
#32 AR-1260-2

R.T.: 6.144 min  
Delta R.T.: -0.002 min  
Response: 391671706  
Conc: 598.82 ng/ml m



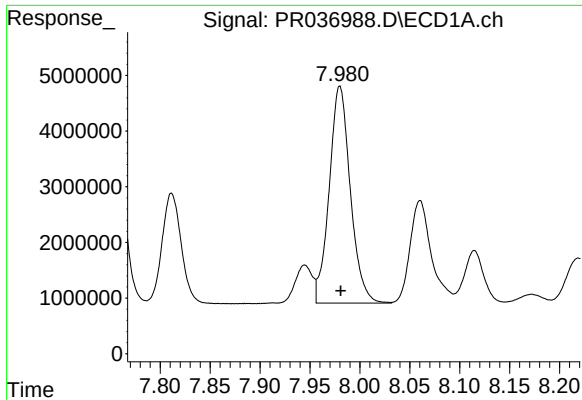
#33 AR-1260-3

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 50109950  
Conc: 522.02 ng/ml



#33 AR-1260-3

R.T.: 6.294 min  
Delta R.T.: -0.002 min  
Response: 314668637  
Conc: 594.96 ng/ml m



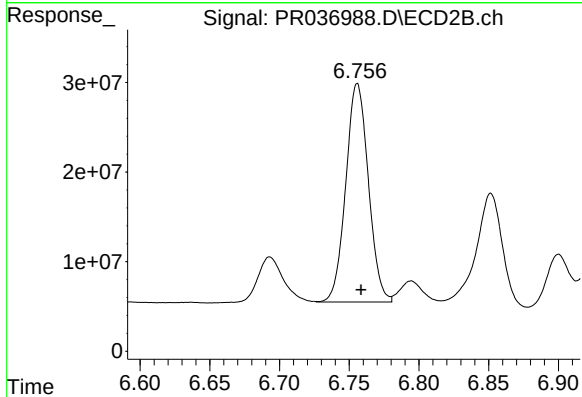
#34 AR-1260-4

R.T.: 7.980 min  
Delta R.T.: 0.000 min  
Response: 57416196  
Conc: 518.14 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1660CCC500

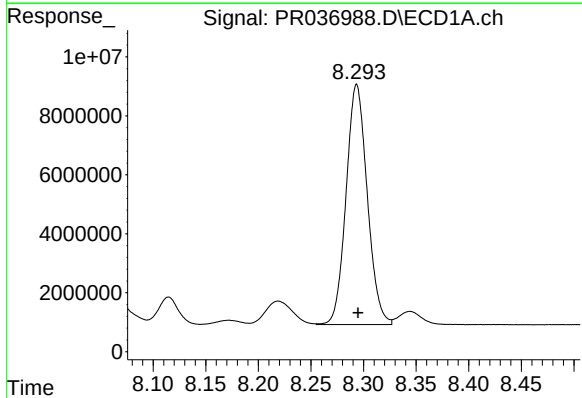
Manual Integrations  
APPROVED

mohammad  
4/10/2019 4:04:57 PM



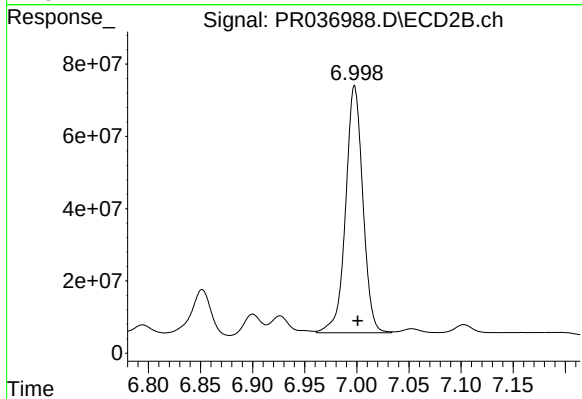
#34 AR-1260-4

R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 275765162  
Conc: 591.33 ng/ml m



#35 AR-1260-5

R.T.: 8.293 min  
Delta R.T.: -0.001 min  
Response: 114159281  
Conc: 523.99 ng/ml



#35 AR-1260-5

R.T.: 6.998 min  
Delta R.T.: -0.003 min  
Response: 786686341  
Conc: 590.83 ng/ml m