

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071922\  
 Data File : PP049614.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2022 20:39  
 Operator : YP\AJ  
 Sample : N3757-06MSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 S9-02-SMSD

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022  
 Supervised By :mohammad ahmed 07/20/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 20 02:49:25 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP071422.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jul 14 06:08:44 2022  
 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...          | 4.351  | 3.600 | 34839852 | 57411461 | 24.009   | 23.488    |
| 2) SA Decachlor...          | 10.102 | 8.568 | 37297926 | 30331573 | 26.370   | 26.045    |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.528  | 4.673 | 32030385 | 48099104 | 566.939  | 539.592   |
| 4) L1 AR-1016-2             | 5.551  | 4.692 | 46675099 | 68065248 | 580.484  | 541.058   |
| 5) L1 AR-1016-3             | 5.612  | 4.867 | 28798973 | 35823349 | 588.056  | 545.139   |
| 6) L1 AR-1016-4             | 5.714  | 4.907 | 23796559 | 28176993 | 588.050  | 530.054   |
| 7) L1 AR-1016-5             | 6.007  | 5.119 | 22793385 | 35560655 | 556.891  | 517.195   |
| 26) L6 AR-1254-1            | 6.385  | 5.469 | 18086321 | 28547146 | 287.170  | 225.080   |
| 27) L6 AR-1254-2            | 6.602  | 5.615 | 20195862 | 27046252 | 207.302  | 244.694   |
| 28) L6 AR-1254-3            | 6.975  | 6.032 | 12348034 | 43863140 | 119.509  | 269.472 # |
| 29) L6 AR-1254-4            | 7.260  | 6.245 | 8146879  | 5836617  | 101.767  | 60.322 #  |
| 30) L6 AR-1254-5            | 7.680  | 6.660 | 66324256 | 75180952 | 746.205m | 567.337   |
| 31) L7 AR-1260-1            | 7.135  | 6.147 | 44050353 | 54895568 | 582.586  | 523.809   |
| 32) L7 AR-1260-2            | 7.393  | 6.333 | 54049936 | 62121646 | 570.962  | 516.279   |
| 33) L7 AR-1260-3            | 7.752  | 6.487 | 35153024 | 58594985 | 561.367  | 517.835   |
| 34) L7 AR-1260-4            | 7.980  | 6.957 | 46647003 | 43316357 | 602.871  | 566.286   |
| 35) L7 AR-1260-5            | 8.300  | 7.198 | 78129644 | 88284451 | 508.160  | 516.286   |
| 41) L9 AR-1268-1            | 8.607  | 7.480 | 33904491 | 31608960 | 166.057  | 172.093   |
| 42) L9 AR-1268-2            | 8.700  | 7.544 | 39640363 | 67381152 | 213.706  | 389.466 # |
| 43) L9 AR-1268-3            | 8.925  | 7.750 | 17247556 | 15877422 | 109.412  | 112.852   |
| 44) L9 AR-1268-4            | 9.360  | 8.036 | 21423920 | 18101450 | 286.214  | 299.351   |
| 45) L9 AR-1268-5            | 9.770  | 8.320 | 58598120 | 42054189 | 113.800  | 102.780   |
| -----                       |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071922\  
Data File : PP049614.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2022 20:39  
Operator : YP\AJ  
Sample : N3757-06MSD  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

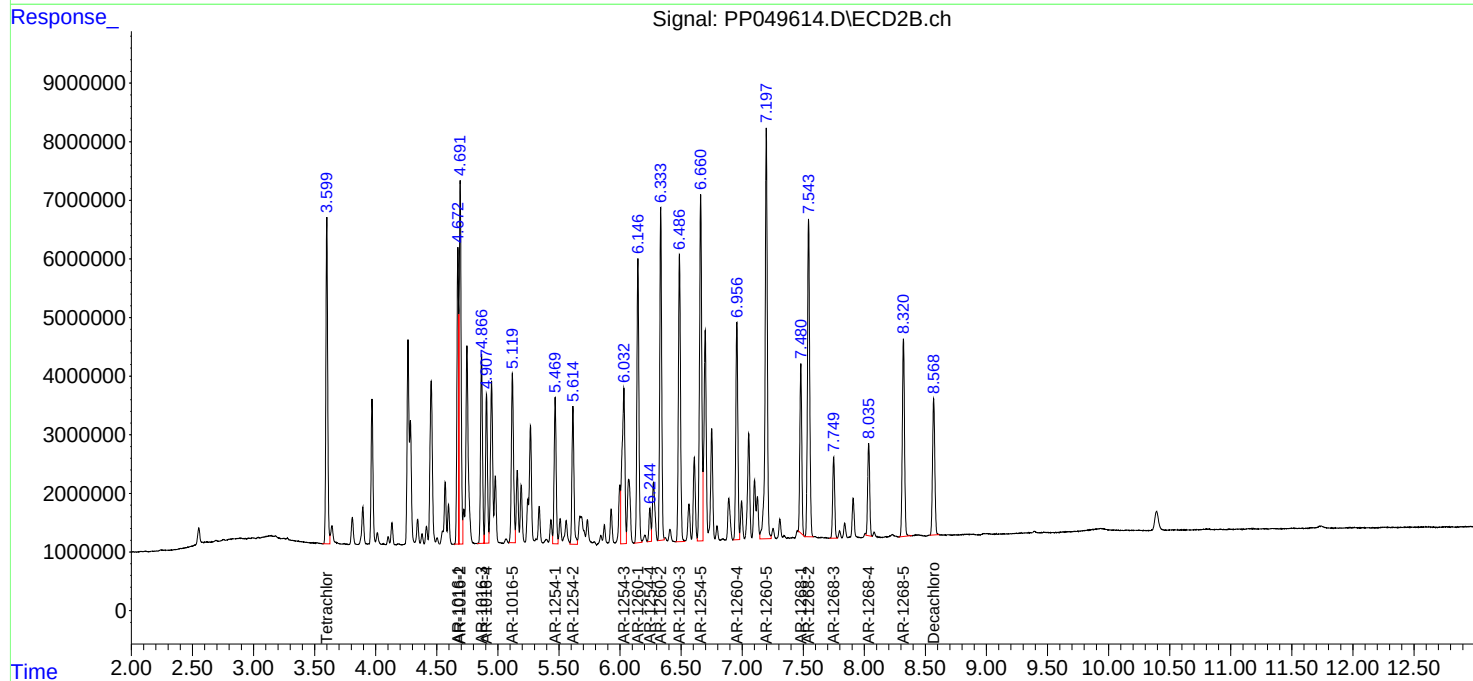
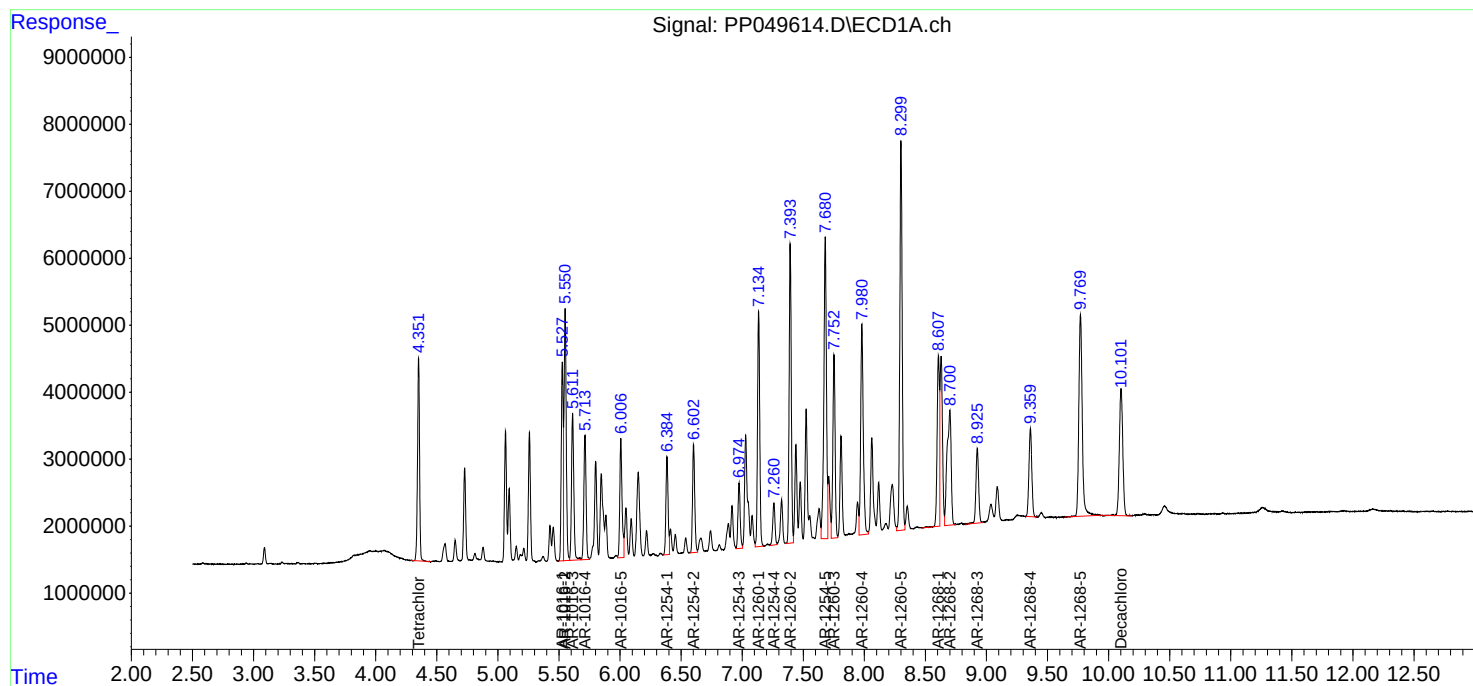
Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

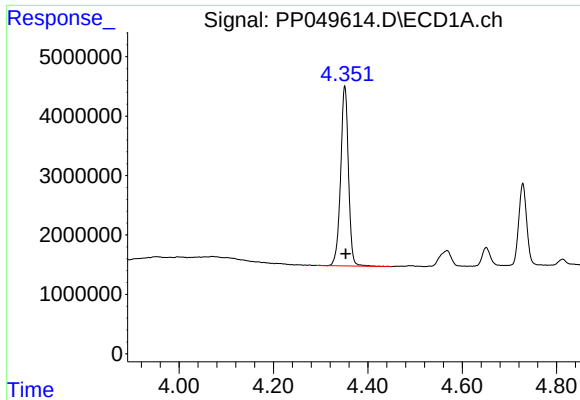
Manual Integrations  
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Supervised By :mohammad ahmed 07/20/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 20 02:49:25 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP071422.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jul 14 06:08:44 2022  
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





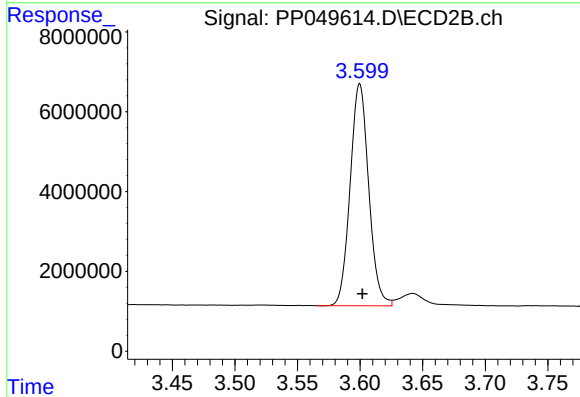
#1 Tetrachloro-m-xylene

R.T.: 4.351 min  
Delta R.T.: -0.002 min  
Response: 34839852  
Conc: 24.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

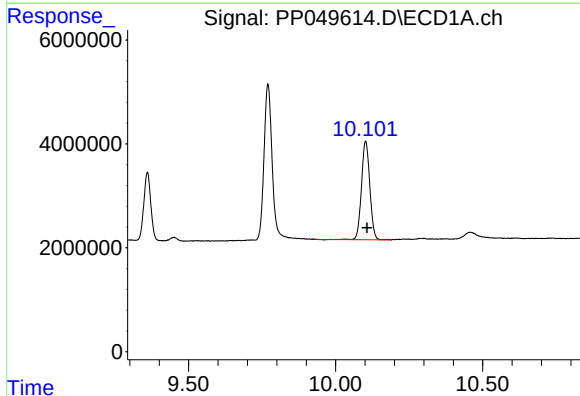
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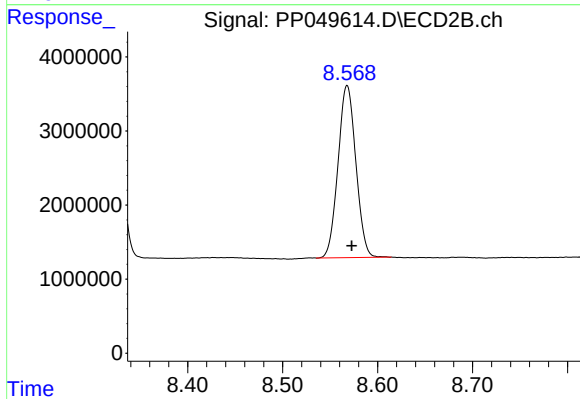
#1 Tetrachloro-m-xylene

R.T.: 3.600 min  
Delta R.T.: -0.002 min  
Response: 57411461  
Conc: 23.49 ng/ml



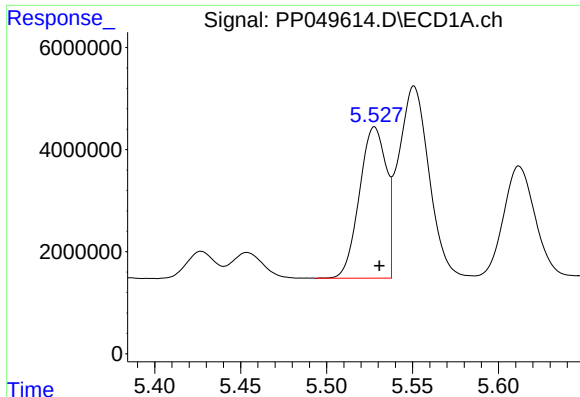
#2 Decachlorobiphenyl

R.T.: 10.102 min  
Delta R.T.: -0.005 min  
Response: 37297926  
Conc: 26.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.568 min  
Delta R.T.: -0.005 min  
Response: 30331573  
Conc: 26.04 ng/ml



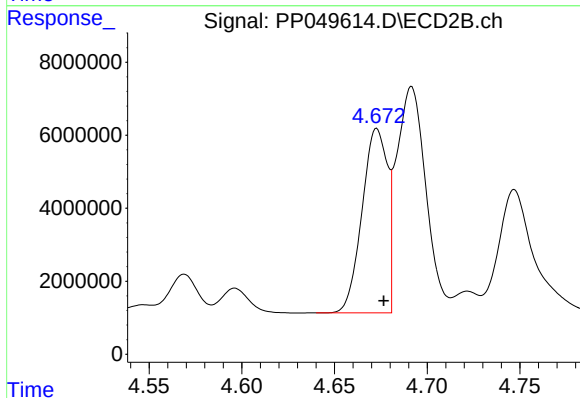
#3 AR-1016-1

R.T.: 5.528 min  
Delta R.T.: -0.003 min  
Response: 32030385  
Conc: 566.94 ng/ml

Instrument :  
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ClientSampleId :  
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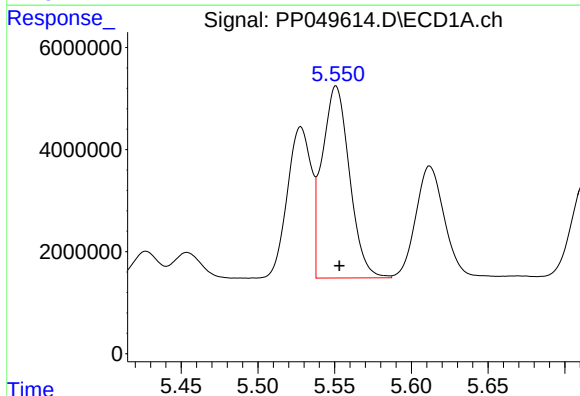
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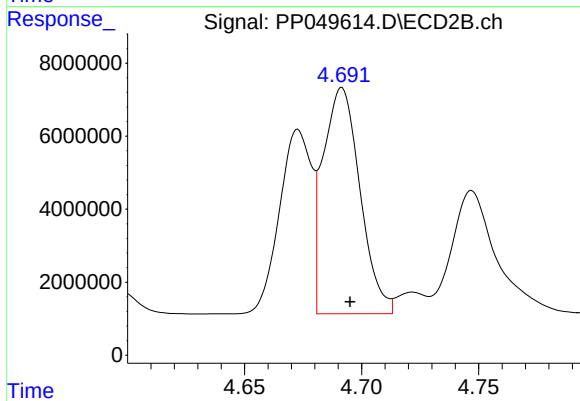
#3 AR-1016-1

R.T.: 4.673 min  
Delta R.T.: -0.004 min  
Response: 48099104  
Conc: 539.59 ng/ml



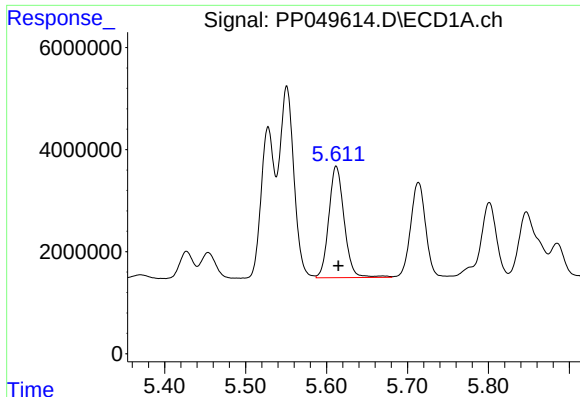
#4 AR-1016-2

R.T.: 5.551 min  
Delta R.T.: -0.002 min  
Response: 46675099  
Conc: 580.48 ng/ml



#4 AR-1016-2

R.T.: 4.692 min  
Delta R.T.: -0.004 min  
Response: 68065248  
Conc: 541.06 ng/ml



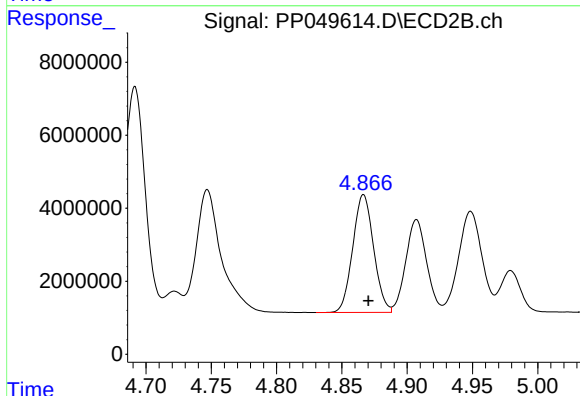
#5 AR-1016-3

R.T.: 5.612 min  
Delta R.T.: -0.003 min  
Response: 28798973  
Conc: 588.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

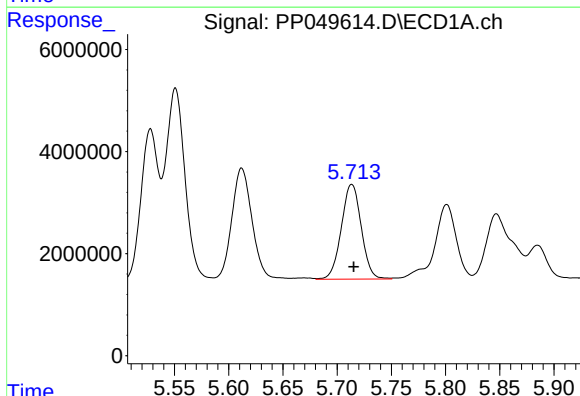
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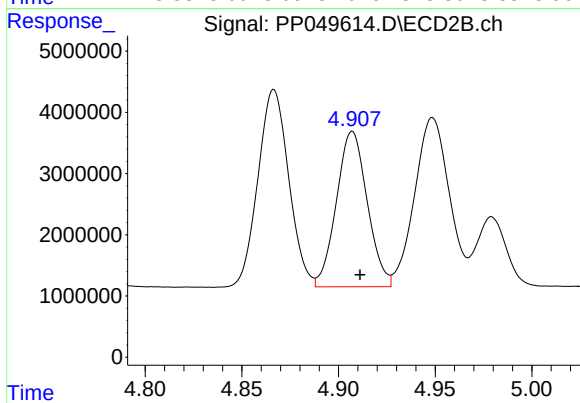
#5 AR-1016-3

R.T.: 4.867 min  
Delta R.T.: -0.004 min  
Response: 35823349  
Conc: 545.14 ng/ml



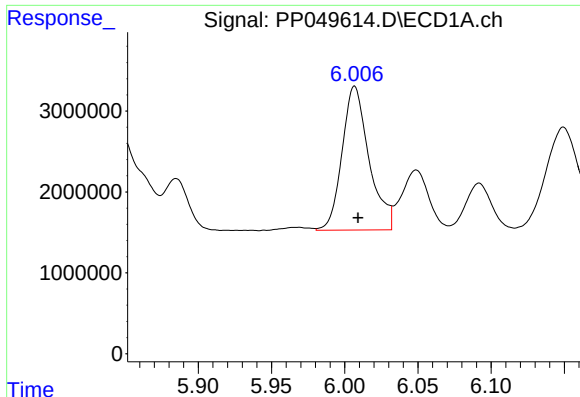
#6 AR-1016-4

R.T.: 5.714 min  
Delta R.T.: -0.002 min  
Response: 23796559  
Conc: 588.05 ng/ml



#6 AR-1016-4

R.T.: 4.907 min  
Delta R.T.: -0.004 min  
Response: 28176993  
Conc: 530.05 ng/ml



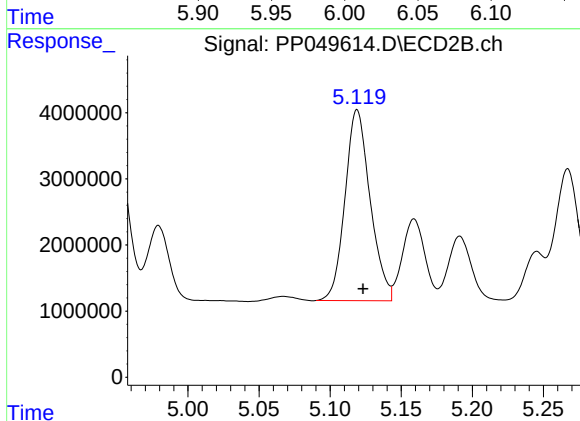
#7 AR-1016-5

R.T.: 6.007 min  
Delta R.T.: -0.002 min  
Response: 22793385  
Conc: 556.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

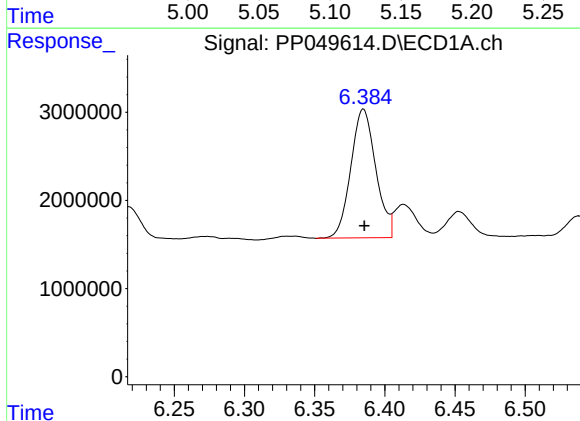
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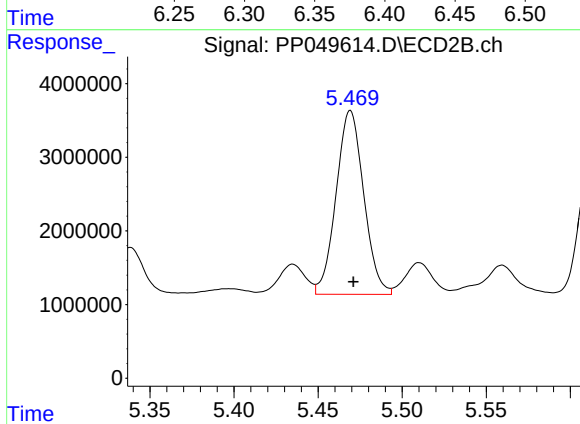
#7 AR-1016-5

R.T.: 5.119 min  
Delta R.T.: -0.004 min  
Response: 35560655  
Conc: 517.20 ng/ml



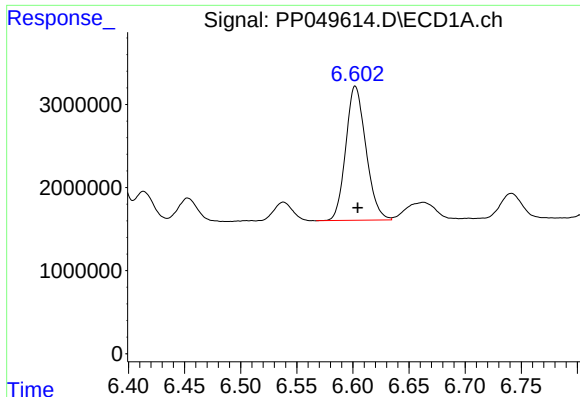
#26 AR-1254-1

R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 18086321  
Conc: 287.17 ng/ml



#26 AR-1254-1

R.T.: 5.469 min  
Delta R.T.: -0.002 min  
Response: 28547146  
Conc: 225.08 ng/ml



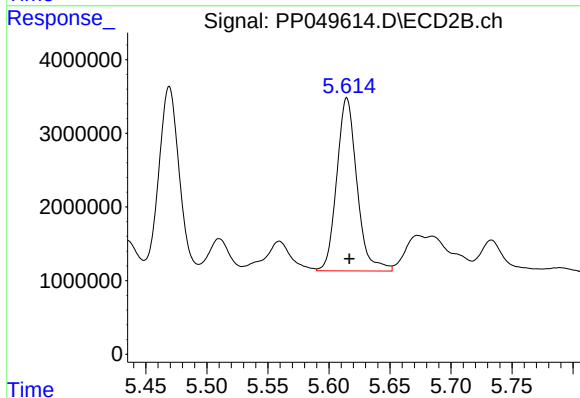
#27 AR-1254-2

R.T.: 6.602 min  
Delta R.T.: -0.002 min  
Response: 20195862  
Conc: 207.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

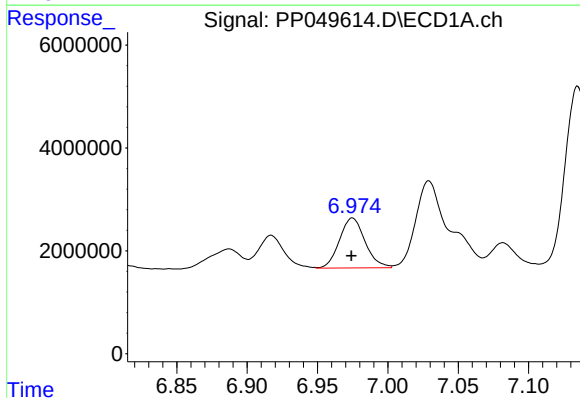
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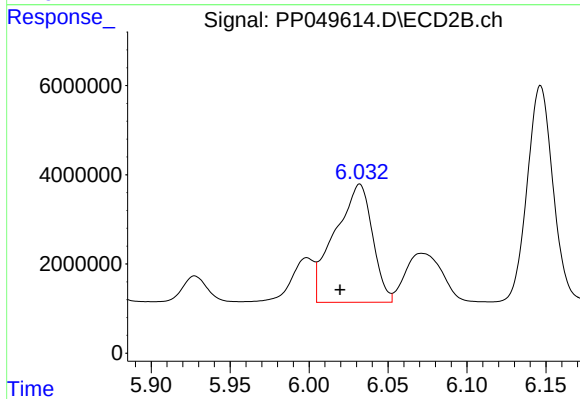
#27 AR-1254-2

R.T.: 5.615 min  
Delta R.T.: -0.002 min  
Response: 27046252  
Conc: 244.69 ng/ml



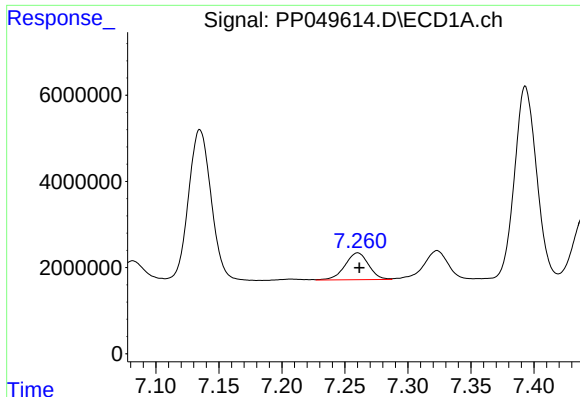
#28 AR-1254-3

R.T.: 6.975 min  
Delta R.T.: 0.000 min  
Response: 12348034  
Conc: 119.51 ng/ml



#28 AR-1254-3

R.T.: 6.032 min  
Delta R.T.: 0.012 min  
Response: 43863140  
Conc: 269.47 ng/ml



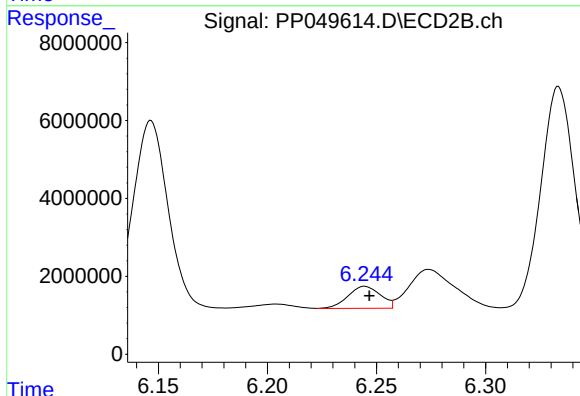
#29 AR-1254-4

R.T.: 7.260 min  
Delta R.T.: -0.001 min  
Response: 8146879  
Conc: 101.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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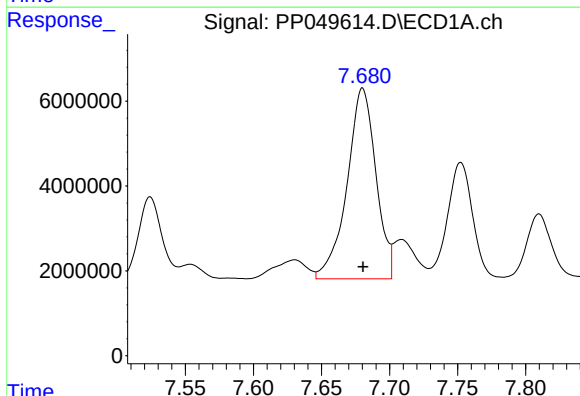
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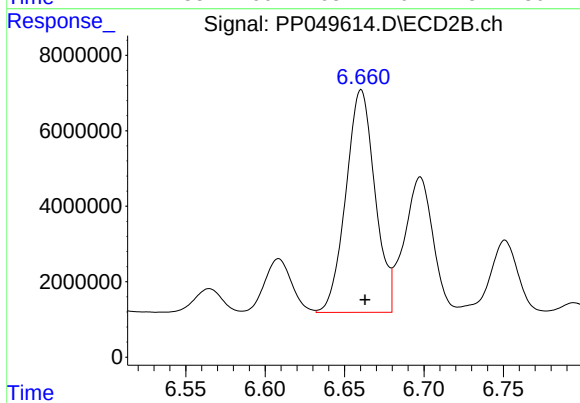
#29 AR-1254-4

R.T.: 6.245 min  
Delta R.T.: -0.002 min  
Response: 5836617  
Conc: 60.32 ng/ml



#30 AR-1254-5

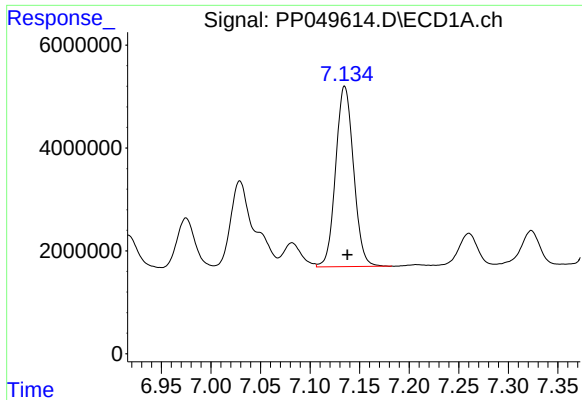
R.T.: 7.680 min  
Delta R.T.: 0.000 min  
Response: 66324256  
Conc: 746.21 ng/ml m



#30 AR-1254-5

R.T.: 6.660 min  
Delta R.T.: -0.002 min  
Response: 75180952  
Conc: 567.34 ng/ml





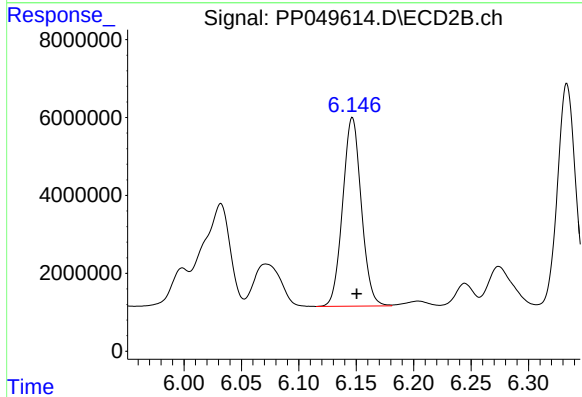
#31 AR-1260-1

R.T.: 7.135 min  
Delta R.T.: -0.003 min  
Response: 44050353  
Conc: 582.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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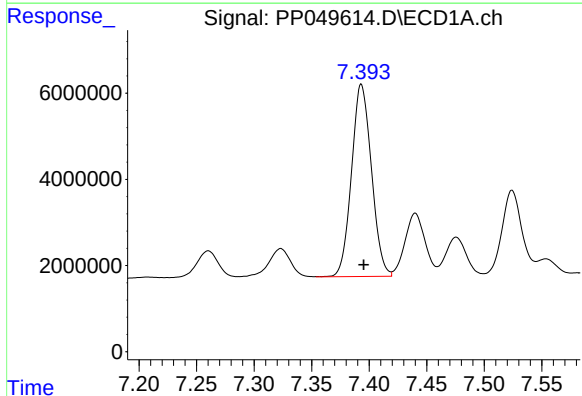
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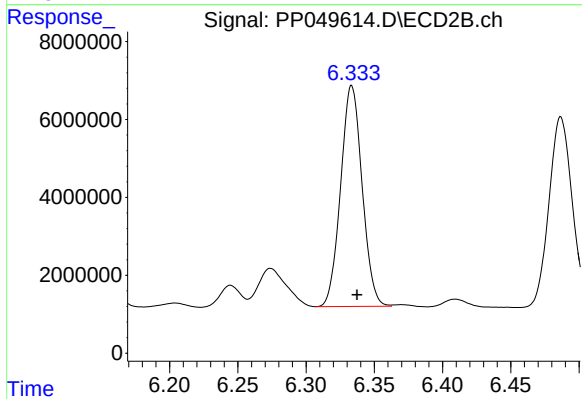
#31 AR-1260-1

R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 54895568  
Conc: 523.81 ng/ml



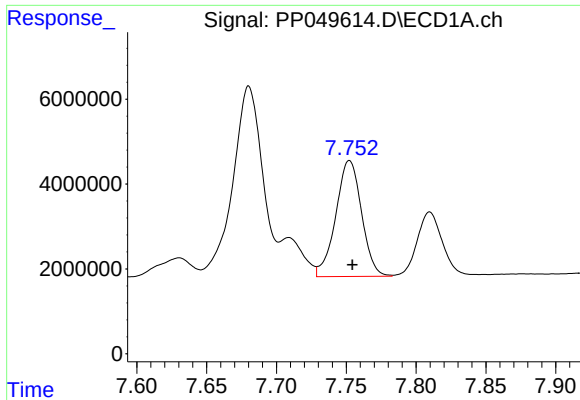
#32 AR-1260-2

R.T.: 7.393 min  
Delta R.T.: -0.002 min  
Response: 54049936  
Conc: 570.96 ng/ml



#32 AR-1260-2

R.T.: 6.333 min  
Delta R.T.: -0.004 min  
Response: 62121646  
Conc: 516.28 ng/ml



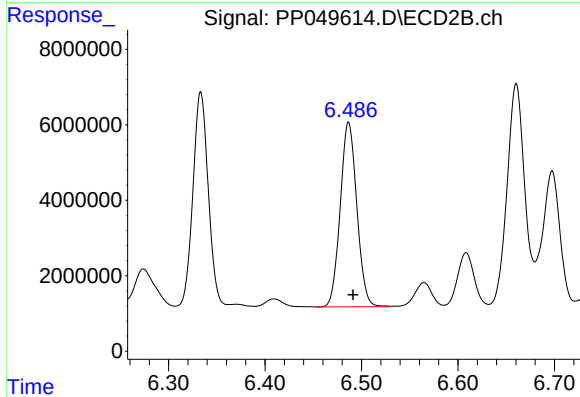
#33 AR-1260-3

R.T.: 7.752 min  
Delta R.T.: -0.002 min  
Response: 35153024  
Conc: 561.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

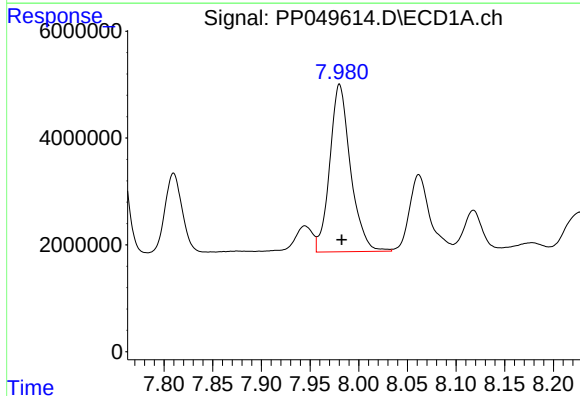
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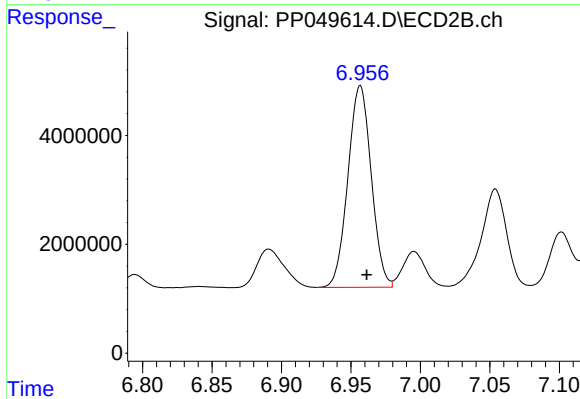
#33 AR-1260-3

R.T.: 6.487 min  
Delta R.T.: -0.004 min  
Response: 58594985  
Conc: 517.84 ng/ml



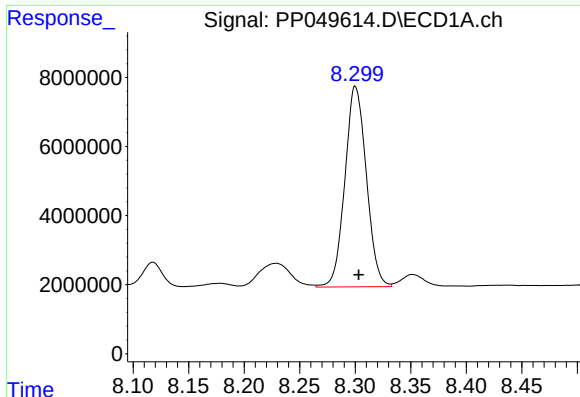
#34 AR-1260-4

R.T.: 7.980 min  
Delta R.T.: -0.002 min  
Response: 46647003  
Conc: 602.87 ng/ml



#34 AR-1260-4

R.T.: 6.957 min  
Delta R.T.: -0.005 min  
Response: 43316357  
Conc: 566.29 ng/ml



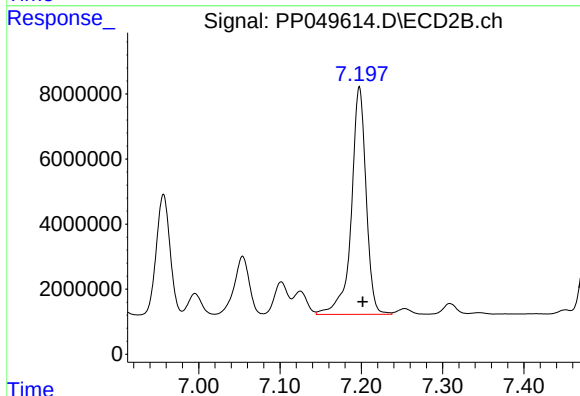
#35 AR-1260-5

R.T.: 8.300 min  
Delta R.T.: -0.003 min  
Response: 78129644  
Conc: 508.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

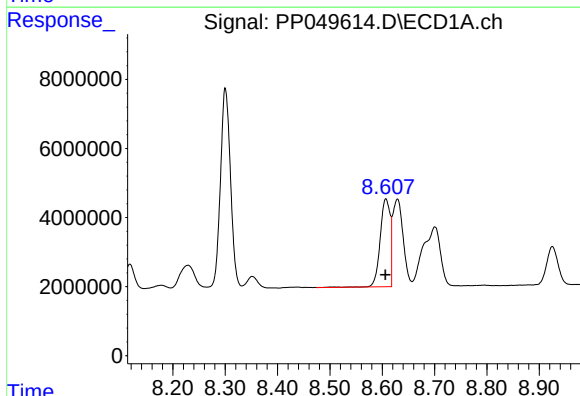
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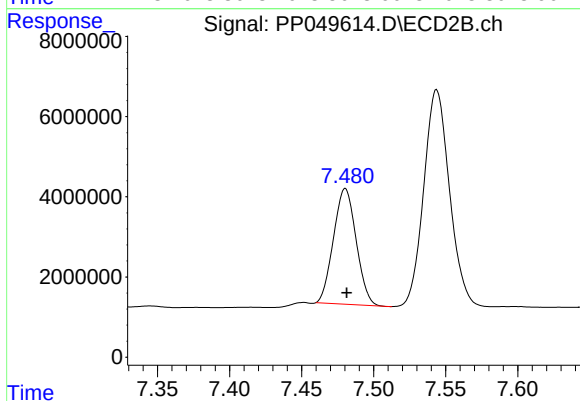
#35 AR-1260-5

R.T.: 7.198 min  
Delta R.T.: -0.004 min  
Response: 88284451  
Conc: 516.29 ng/ml



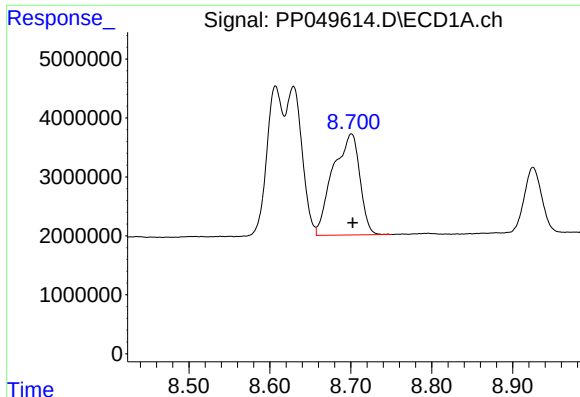
#41 AR-1268-1

R.T.: 8.607 min  
Delta R.T.: 0.002 min  
Response: 33904491  
Conc: 166.06 ng/ml



#41 AR-1268-1

R.T.: 7.480 min  
Delta R.T.: 0.000 min  
Response: 31608960  
Conc: 172.09 ng/ml



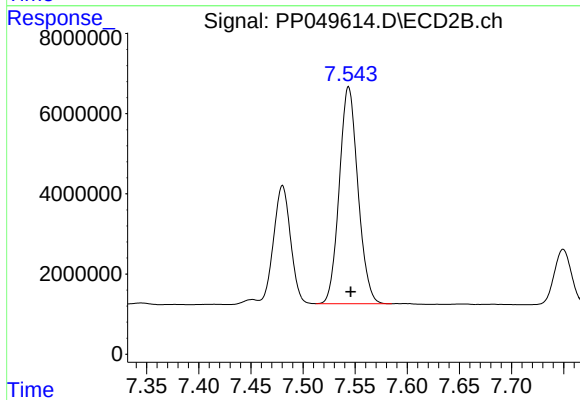
#42 AR-1268-2

R.T.: 8.700 min  
Delta R.T.: -0.002 min  
Response: 39640363  
Conc: 213.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

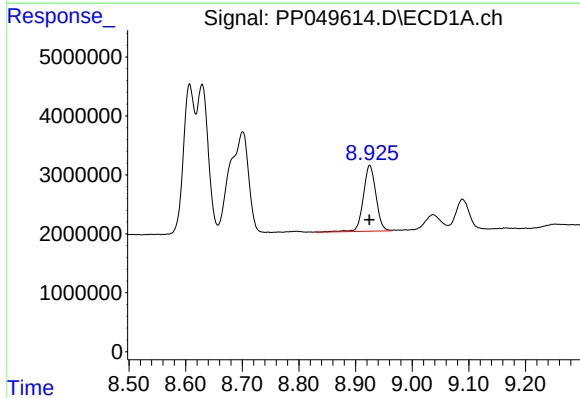
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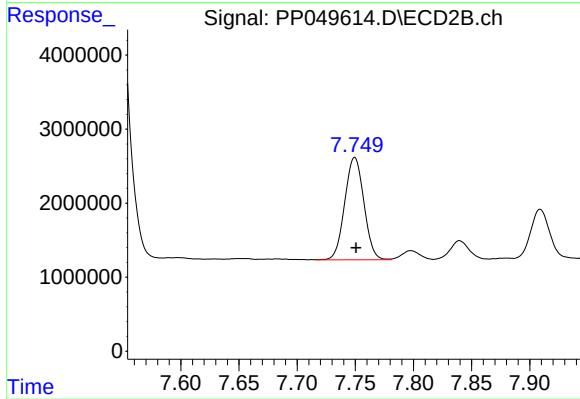
#42 AR-1268-2

R.T.: 7.544 min  
Delta R.T.: -0.002 min  
Response: 67381152  
Conc: 389.47 ng/ml



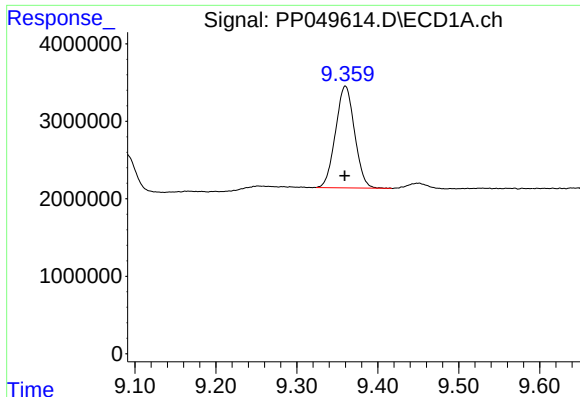
#43 AR-1268-3

R.T.: 8.925 min  
Delta R.T.: 0.000 min  
Response: 17247556  
Conc: 109.41 ng/ml



#43 AR-1268-3

R.T.: 7.750 min  
Delta R.T.: -0.001 min  
Response: 15877422  
Conc: 112.85 ng/ml



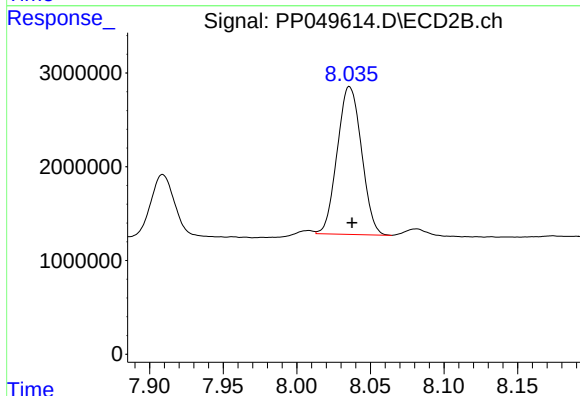
#44 AR-1268-4

R.T.: 9.360 min  
Delta R.T.: 0.001 min  
Response: 21423920  
Conc: 286.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S9-02-SMSD

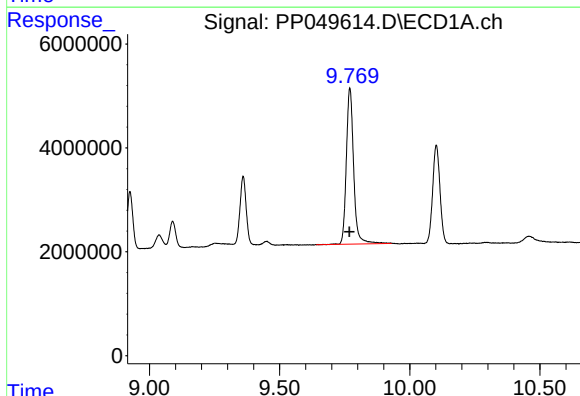
Manual Integrations  
APPROVED

Reviewed By :Ankita Jodhani 07/20/2022  
Supervised By :mohammad ahmed 07/20/2022



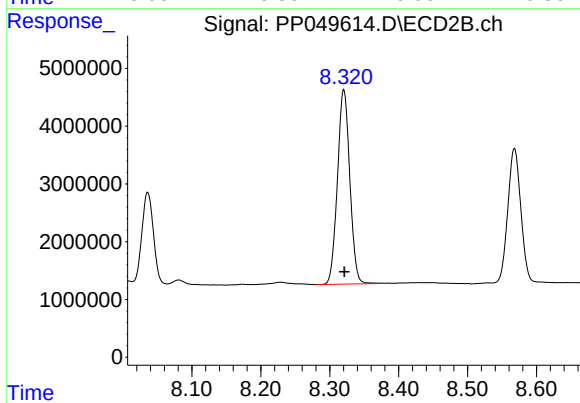
#44 AR-1268-4

R.T.: 8.036 min  
Delta R.T.: -0.002 min  
Response: 18101450  
Conc: 299.35 ng/ml



#45 AR-1268-5

R.T.: 9.770 min  
Delta R.T.: 0.001 min  
Response: 58598120  
Conc: 113.80 ng/ml



#45 AR-1268-5

R.T.: 8.320 min  
Delta R.T.: 0.000 min  
Response: 42054189  
Conc: 102.78 ng/ml