

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP121120\  
 Data File : PP032073.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Dec 2020 21:51  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248CCC500

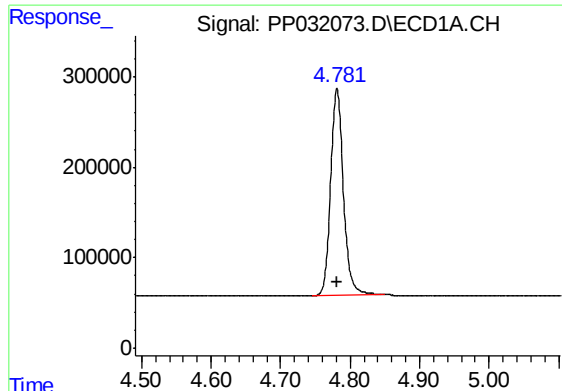
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 05:06:30 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP121120.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Dec 12 05:15:55 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.781  | 4.054 | 2907091 | 2637044 | 56.434   | 55.756     |
| 2)                          | SA Decachlor... | 10.645 | 9.346 | 1976067 | 2164509 | 63.013   | 64.542     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.084  | 5.304 | 485163  | 445824  | 332.631  | 341.066    |
| 4)                          | L1 AR-1016-2    | 6.108  | 5.324 | 607449  | 497082  | 270.431  | 251.066    |
| 5)                          | L1 AR-1016-3    | 6.173  | 5.517 | 299674  | 322931  | 216.816  | 301.986 #  |
| 6)                          | L1 AR-1016-4    | 6.277  | 5.567 | 341738  | 613629  | 296.347  | 723.181 #  |
| 7)                          | L1 AR-1016-5    | 6.592  | 5.794 | 792980  | 515012  | 743.195  | 473.960 #  |
| 9)                          | L2 AR-1221-2    | 5.127  | 4.406 | 43491   | 36411   | 109.656  | 101.180    |
| 10)                         | L2 AR-1221-3    | 5.209  | 4.495 | 41058   | 38299   | 34.078   | 34.243     |
| 11)                         | L3 AR-1232-1    | 5.209  | 4.495 | 41058   | 38299   | 39.705   | 41.337     |
| 12)                         | L3 AR-1232-2    | 5.792  | 5.324 | 226826  | 497082  | 422.996  | 579.325 #  |
| 13)                         | L3 AR-1232-3    | 6.108  | 5.517 | 607449  | 322931  | 631.783  | 711.215    |
| 14)                         | L3 AR-1232-4    | 6.277  | 5.612 | 341738  | 651378  | 714.146  | 1660.291 # |
| 15)                         | L3 AR-1232-5    | 6.378  | 5.794 | 645521  | 515012  | 2120.712 | 1190.695 # |
| 16)                         | L4 AR-1242-1    | 6.084  | 5.304 | 485163  | 445824  | 423.435  | 430.418    |
| 17)                         | L4 AR-1242-2    | 6.108  | 5.324 | 607449  | 497082  | 344.876  | 321.586    |
| 18)                         | L4 AR-1242-3    | 6.173  | 5.517 | 299674  | 322931  | 270.041  | 383.538 #  |
| 19)                         | L4 AR-1242-4    | 6.277  | 5.612 | 341738  | 651378  | 375.521  | 803.072 #  |
| 20)                         | L4 AR-1242-5    | 7.057  | 6.175 | 815223  | 1054556 | 939.865  | 1185.786 # |
| 21)                         | L5 AR-1248-1    | 6.084  | 5.304 | 485163  | 445824  | 557.417  | 569.764    |
| 22)                         | L5 AR-1248-2    | 6.378  | 5.567 | 645521  | 613629  | 544.961  | 531.127    |
| 23)                         | L5 AR-1248-3    | 6.592  | 5.612 | 792980  | 651378  | 543.543  | 533.257    |
| 24)                         | L5 AR-1248-4    | 7.018  | 5.794 | 829661  | 515012  | 579.944  | 351.219 #  |
| 25)                         | L5 AR-1248-5    | 7.057  | 6.218 | 815223  | 751055  | 549.383  | 598.629    |
| 26)                         | L6 AR-1254-1    | 6.989  | 6.175 | 438404  | 1054556 | 282.251  | 510.180 #  |
| 27)                         | L6 AR-1254-2    | 7.220  | 6.333 | 833980  | 306805  | 362.555  | 171.139 #  |
| 28)                         | L6 AR-1254-3    | 7.596  | 6.754 | 520268  | 589544  | 213.669  | 206.278    |
| 29)                         | L6 AR-1254-4    | 7.891  | 6.993 | 504615  | 334605  | 327.840  | 242.127 #  |
| 30)                         | L6 AR-1254-5    | 8.316  | 7.420 | 55428   | 98764   | 32.341   | 41.515 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.901 | 0       | 244626  | N.D.     | 129.032 #  |
| 32)                         | L7 AR-1260-2    | 8.027  | 7.085 | 315716  | 47406   | 153.663  | 21.792 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.239 | 0       | 54910   | N.D.     | 25.844 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.969 | 0       | 15134   | N.D.     | 3.956 #    |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.969 | 0       | 15134   | N.D.     | 3.629 #    |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.318 | 0       | 19567   | N.D.     | 5.816 #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.318 | 0       | 19567   | N.D.     | 3.827 #    |
| -----                       |                 |        |       |         |         |          |            |

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

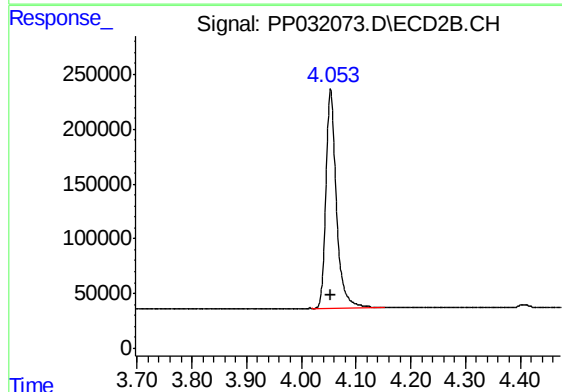




#1 Tetrachloro-m-xylene

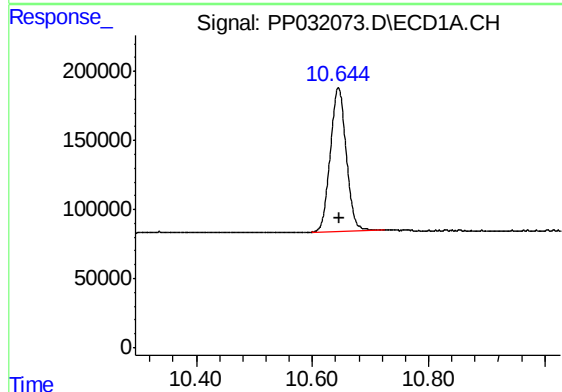
R.T.: 4.781 min  
Delta R.T.: 0.000 min  
Response: 2907091  
Conc: 56.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



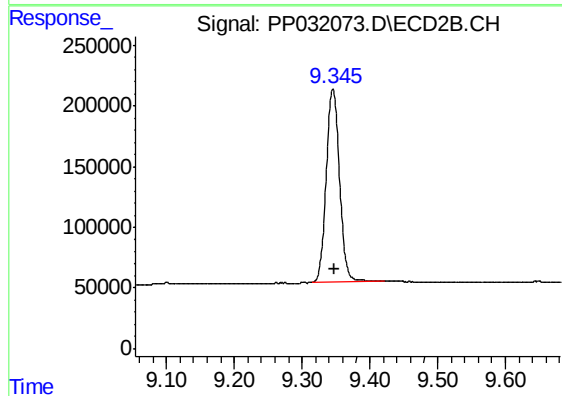
#1 Tetrachloro-m-xylene

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 2637044  
Conc: 55.76 ng/ml



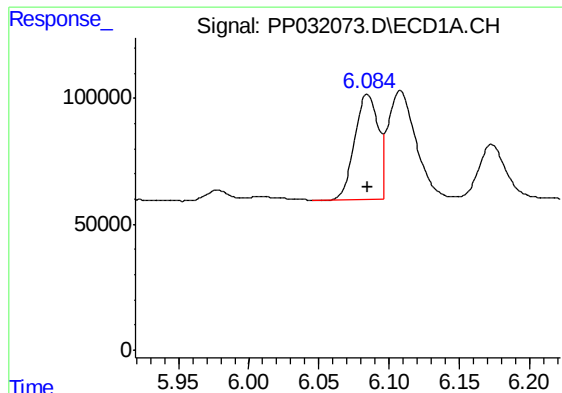
#2 Decachlorobiphenyl

R.T.: 10.645 min  
Delta R.T.: -0.002 min  
Response: 1976067  
Conc: 63.01 ng/ml



#2 Decachlorobiphenyl

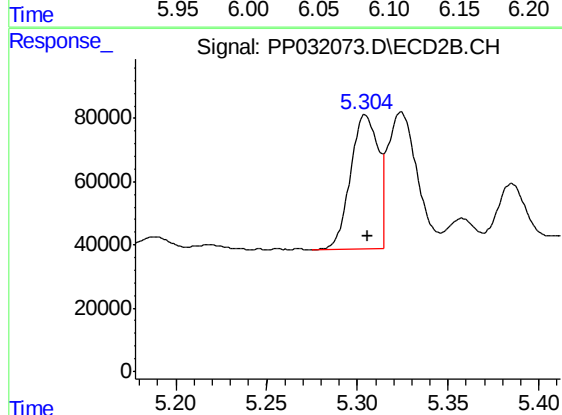
R.T.: 9.346 min  
Delta R.T.: -0.002 min  
Response: 2164509  
Conc: 64.54 ng/ml



#3 AR-1016-1

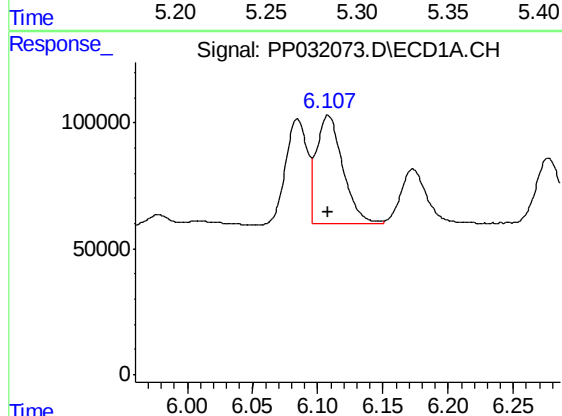
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 485163  
Conc: 332.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



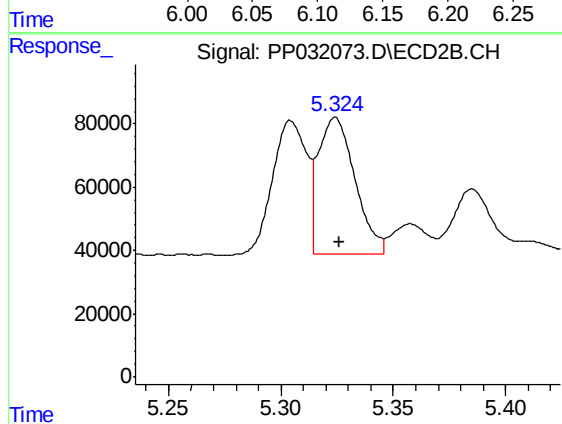
#3 AR-1016-1

R.T.: 5.304 min  
Delta R.T.: -0.002 min  
Response: 445824  
Conc: 341.07 ng/ml



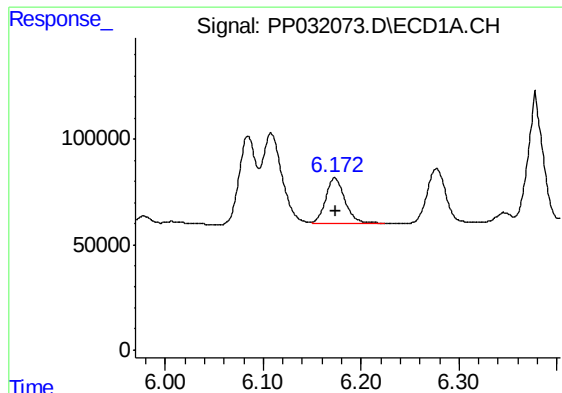
#4 AR-1016-2

R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 607449  
Conc: 270.43 ng/ml



#4 AR-1016-2

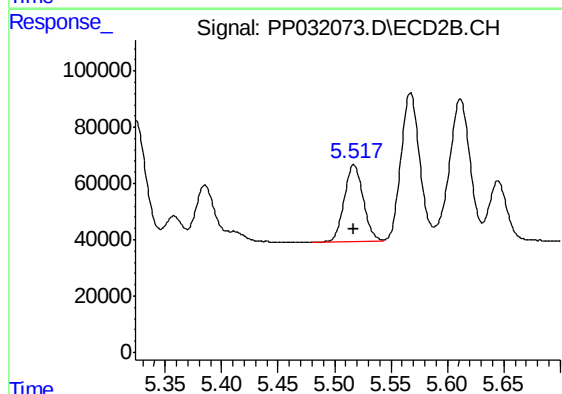
R.T.: 5.324 min  
Delta R.T.: -0.002 min  
Response: 497082  
Conc: 251.07 ng/ml



#5 AR-1016-3

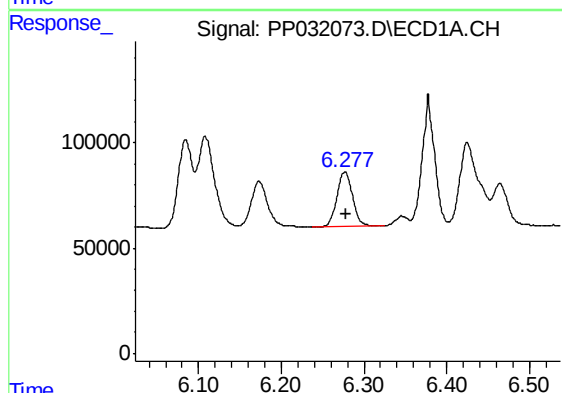
R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 299674  
Conc: 216.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



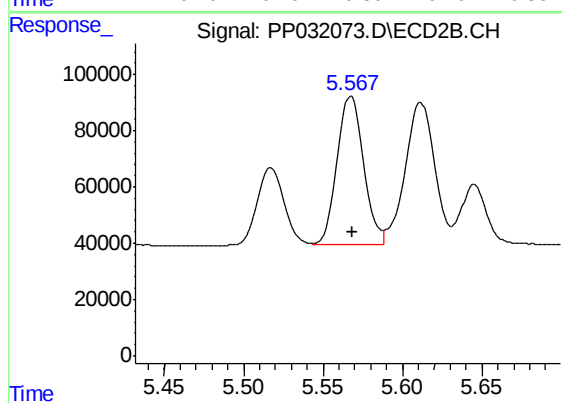
#5 AR-1016-3

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 322931  
Conc: 301.99 ng/ml



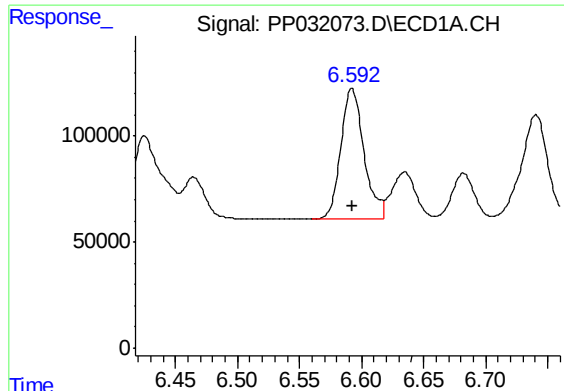
#6 AR-1016-4

R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 341738  
Conc: 296.35 ng/ml



#6 AR-1016-4

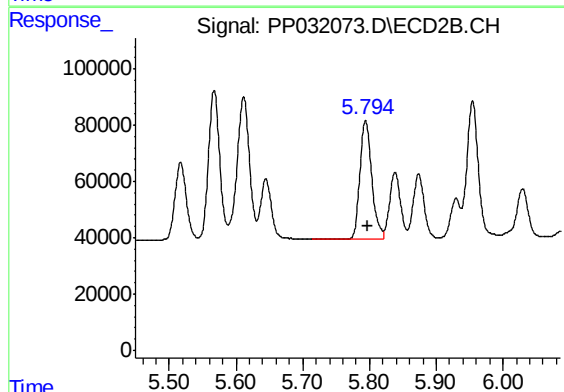
R.T.: 5.567 min  
Delta R.T.: -0.001 min  
Response: 613629  
Conc: 723.18 ng/ml



#7 AR-1016-5

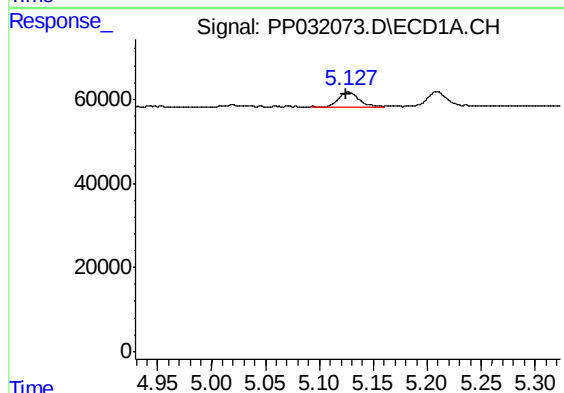
R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 792980  
Conc: 743.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



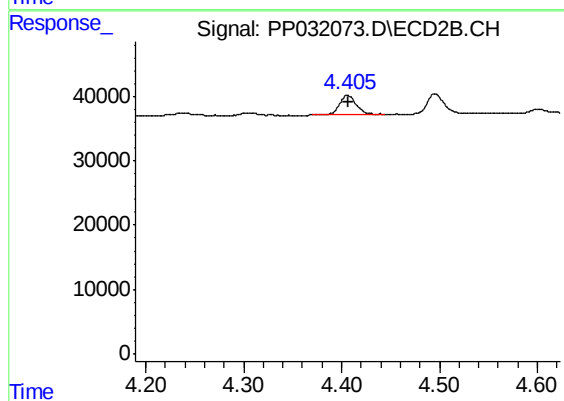
#7 AR-1016-5

R.T.: 5.794 min  
Delta R.T.: -0.003 min  
Response: 515012  
Conc: 473.96 ng/ml



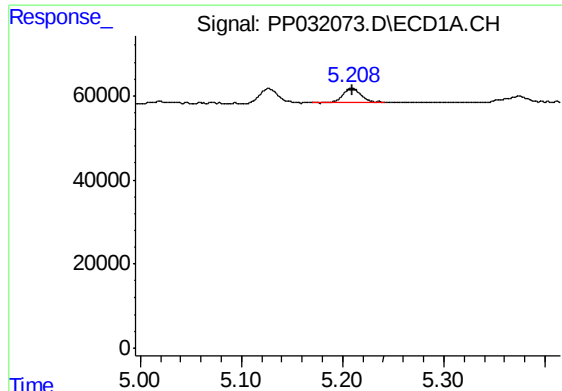
#9 AR-1221-2

R.T.: 5.127 min  
Delta R.T.: 0.003 min  
Response: 43491  
Conc: 109.66 ng/ml



#9 AR-1221-2

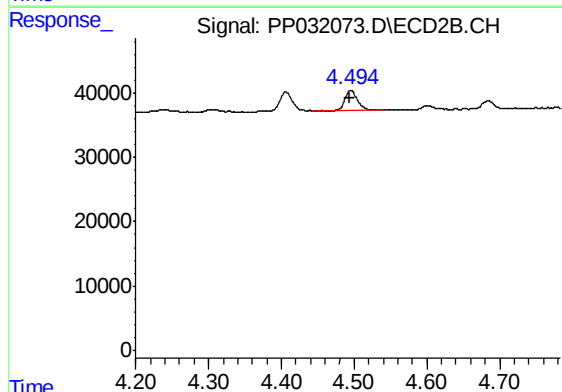
R.T.: 4.406 min  
Delta R.T.: 0.000 min  
Response: 36411  
Conc: 101.18 ng/ml



#10 AR-1221-3

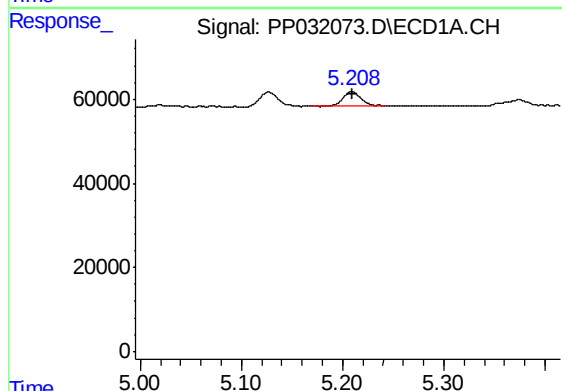
R.T.: 5.209 min  
Delta R.T.: 0.000 min  
Response: 41058  
Conc: 34.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



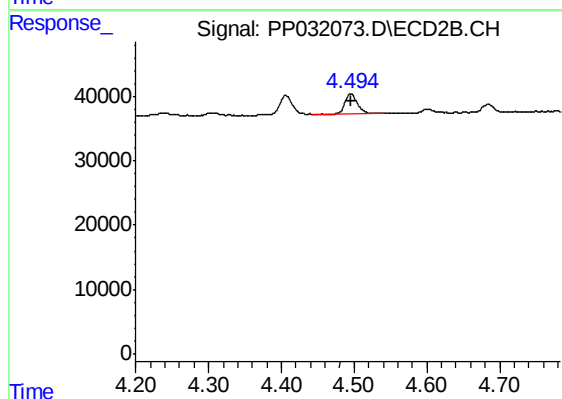
#10 AR-1221-3

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 38299  
Conc: 34.24 ng/ml



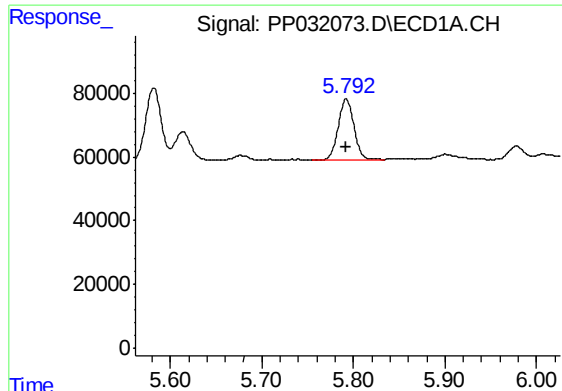
#11 AR-1232-1

R.T.: 5.209 min  
Delta R.T.: 0.000 min  
Response: 41058  
Conc: 39.71 ng/ml



#11 AR-1232-1

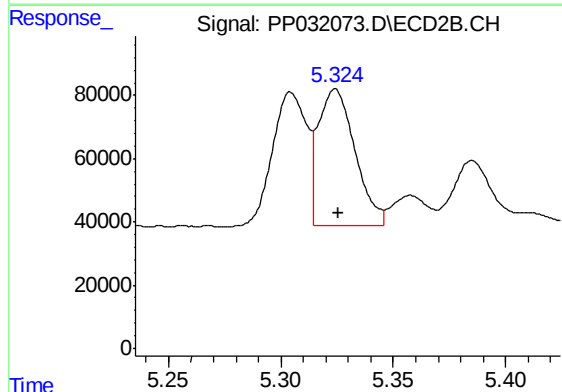
R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 38299  
Conc: 41.34 ng/ml



#12 AR-1232-2

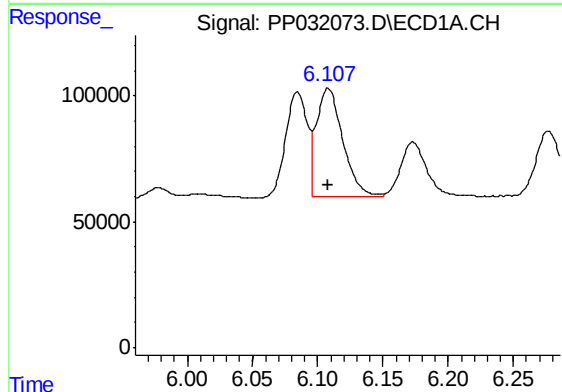
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 226826  
Conc: 423.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



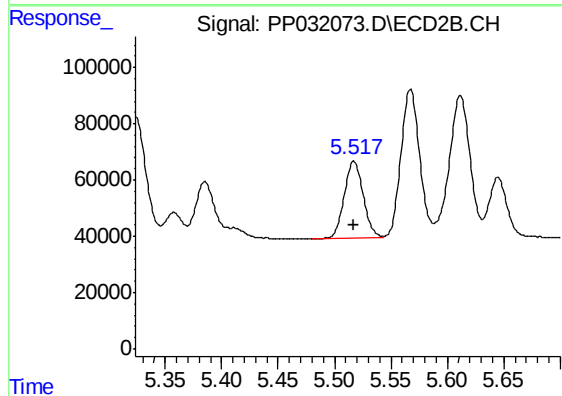
#12 AR-1232-2

R.T.: 5.324 min  
Delta R.T.: -0.001 min  
Response: 497082  
Conc: 579.32 ng/ml



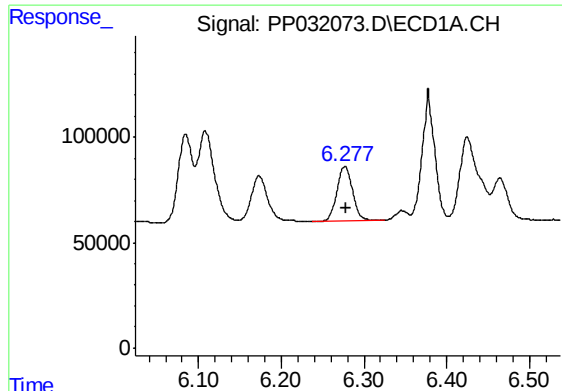
#13 AR-1232-3

R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 607449  
Conc: 631.78 ng/ml



#13 AR-1232-3

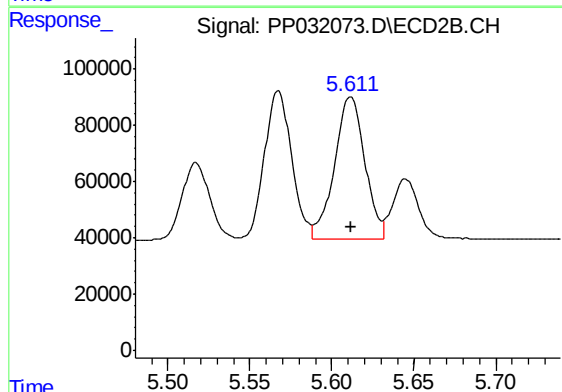
R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 322931  
Conc: 711.22 ng/ml



#14 AR-1232-4

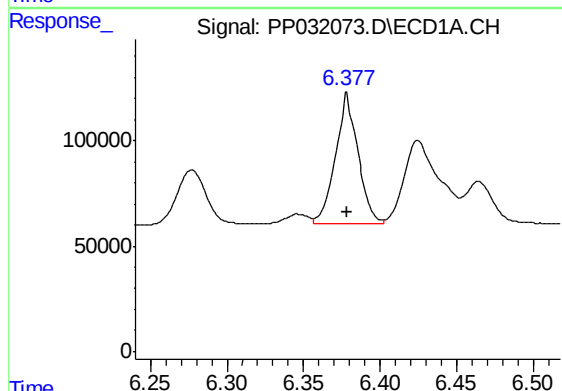
R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 341738  
Conc: 714.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



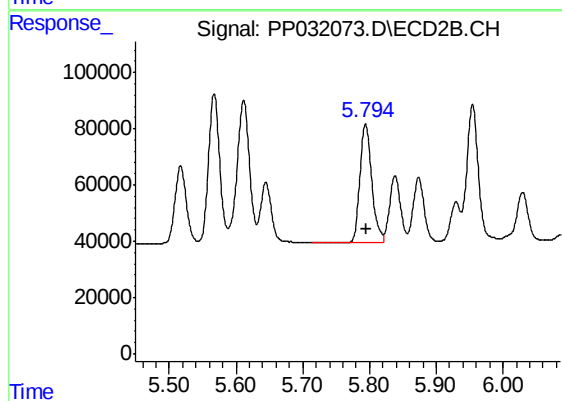
#14 AR-1232-4

R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 651378  
Conc: 1660.29 ng/ml



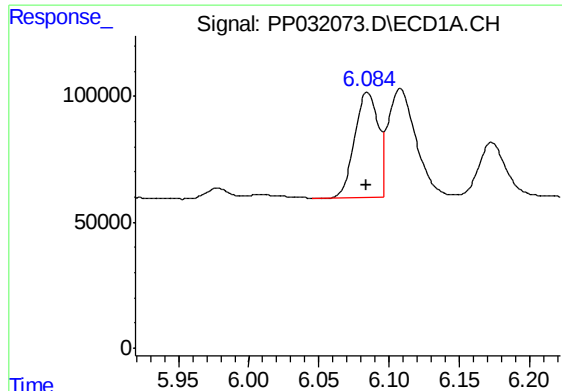
#15 AR-1232-5

R.T.: 6.378 min  
Delta R.T.: 0.000 min  
Response: 645521  
Conc: 2120.71 ng/ml



#15 AR-1232-5

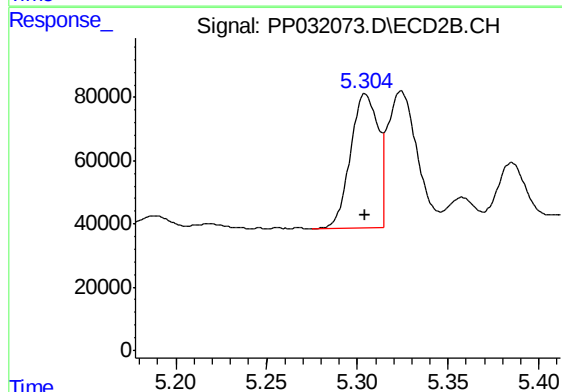
R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 515012  
Conc: 1190.70 ng/ml



#16 AR-1242-1

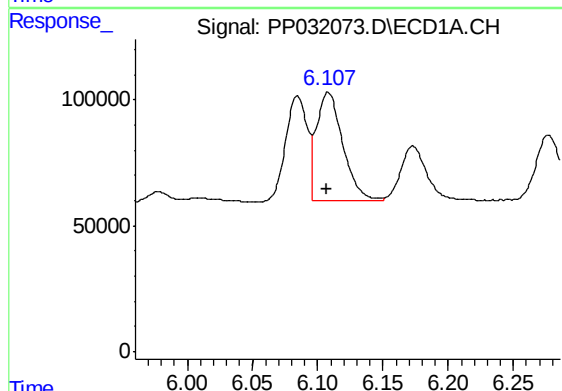
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 485163  
Conc: 423.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



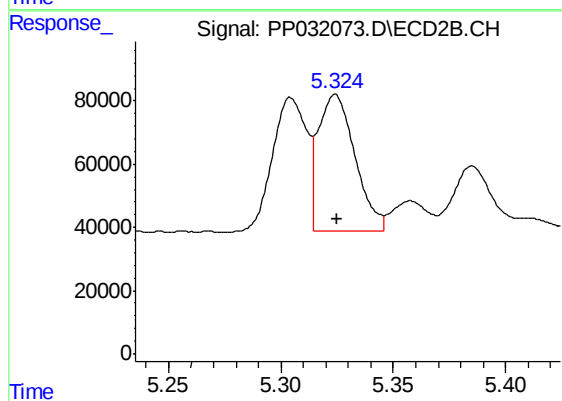
#16 AR-1242-1

R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 445824  
Conc: 430.42 ng/ml



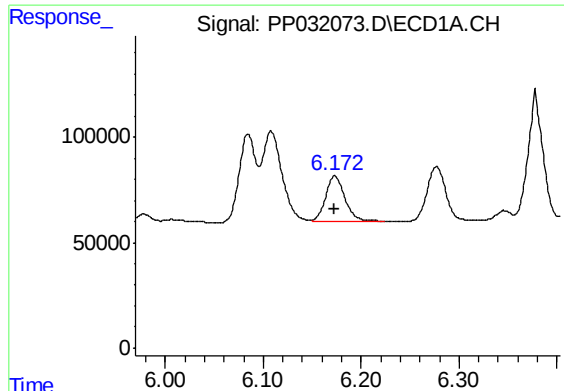
#17 AR-1242-2

R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 607449  
Conc: 344.88 ng/ml



#17 AR-1242-2

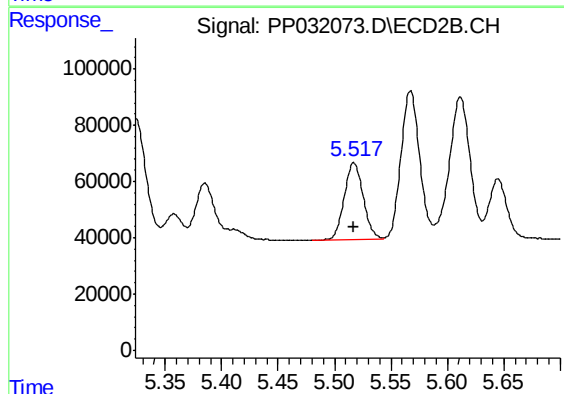
R.T.: 5.324 min  
Delta R.T.: 0.000 min  
Response: 497082  
Conc: 321.59 ng/ml



#18 AR-1242-3

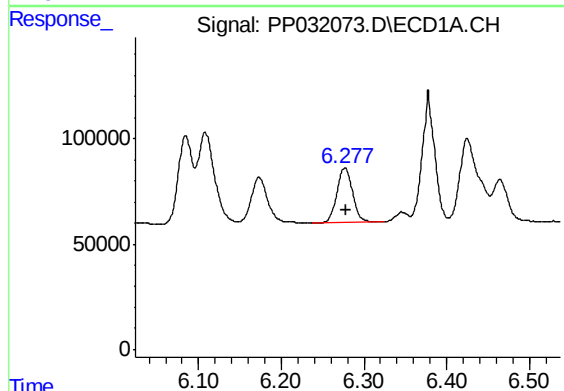
R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 299674  
Conc: 270.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



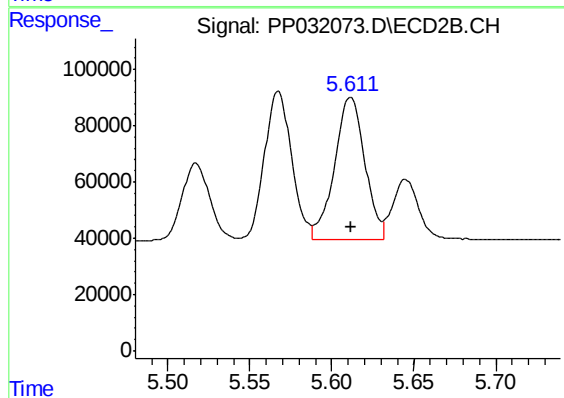
#18 AR-1242-3

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 322931  
Conc: 383.54 ng/ml



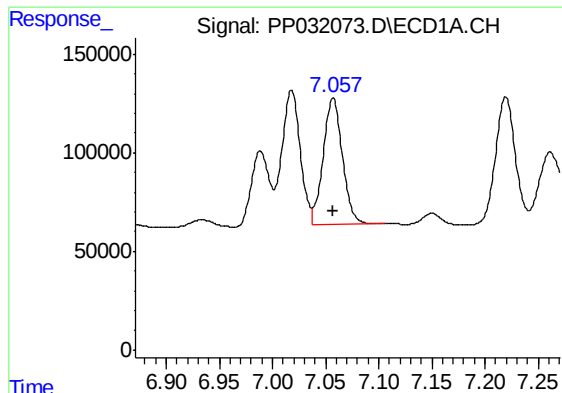
#19 AR-1242-4

R.T.: 6.277 min  
Delta R.T.: -0.001 min  
Response: 341738  
Conc: 375.52 ng/ml



#19 AR-1242-4

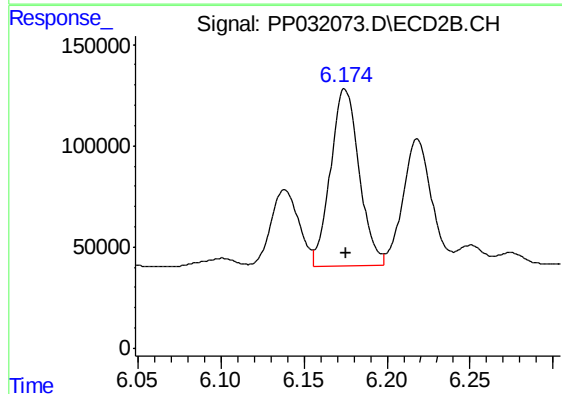
R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 651378  
Conc: 803.07 ng/ml



#20 AR-1242-5

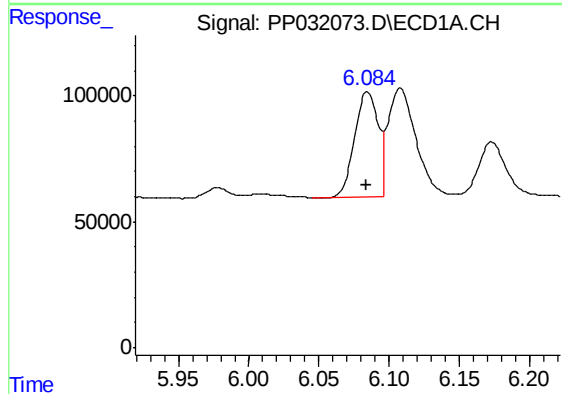
R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 815223  
Conc: 939.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



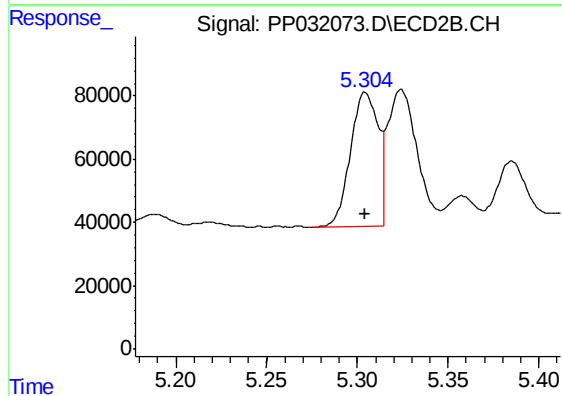
#20 AR-1242-5

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 1054556  
Conc: 1185.79 ng/ml



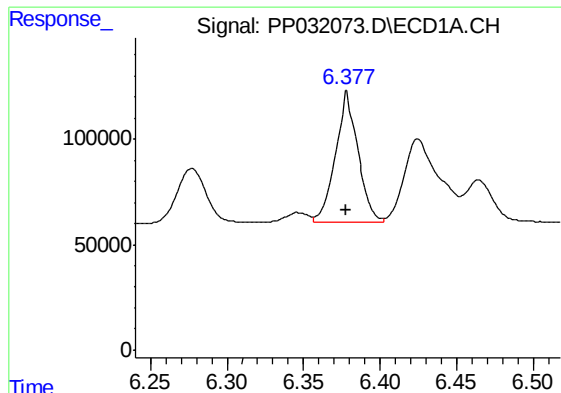
#21 AR-1248-1

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 485163  
Conc: 557.42 ng/ml



#21 AR-1248-1

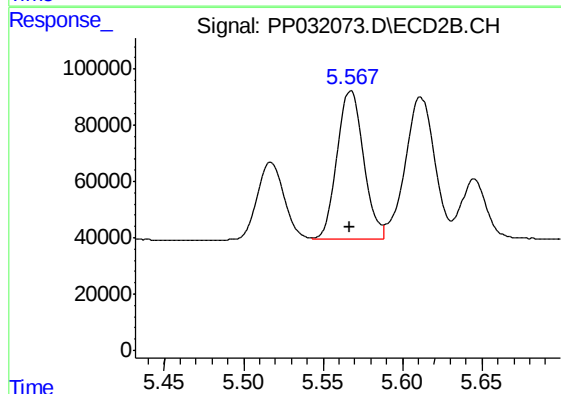
R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 445824  
Conc: 569.76 ng/ml



#22 AR-1248-2

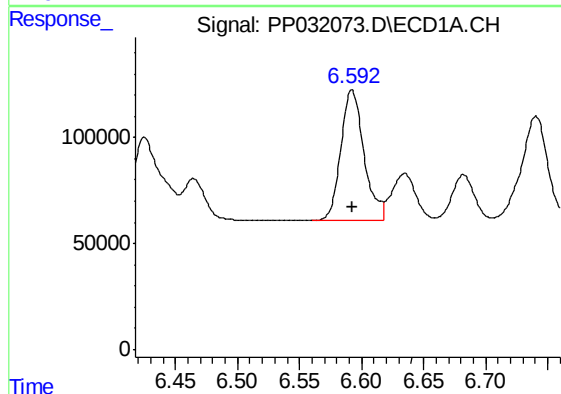
R.T.: 6.378 min  
Delta R.T.: 0.000 min  
Response: 645521  
Conc: 544.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



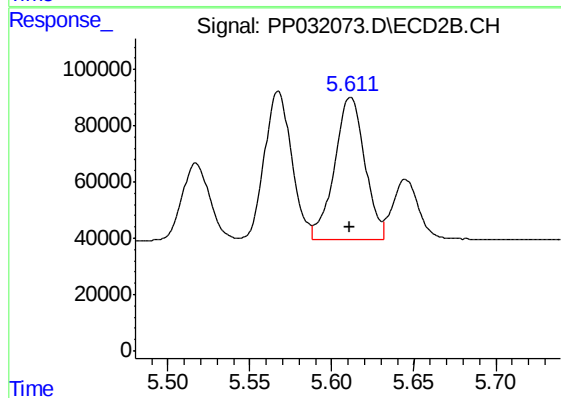
#22 AR-1248-2

R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 613629  
Conc: 531.13 ng/ml



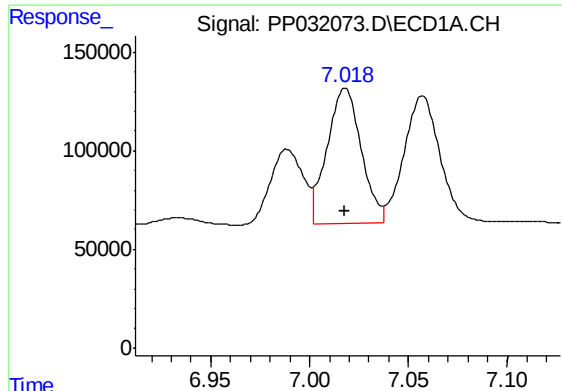
#23 AR-1248-3

R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 792980  
Conc: 543.54 ng/ml



#23 AR-1248-3

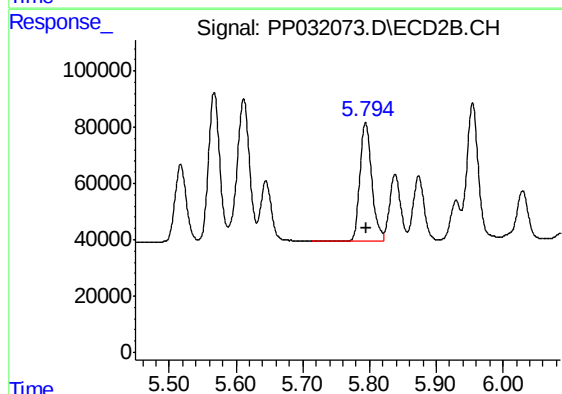
R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 651378  
Conc: 533.26 ng/ml



#24 AR-1248-4

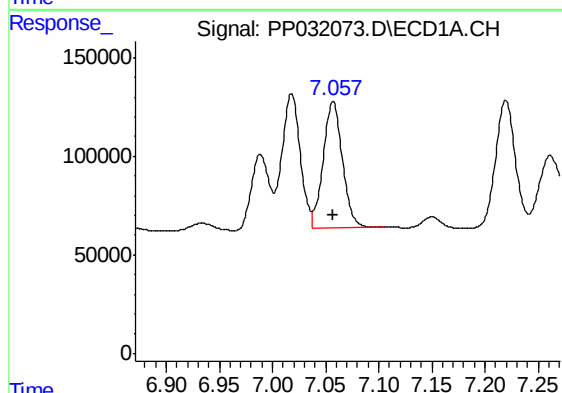
R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 829661  
Conc: 579.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



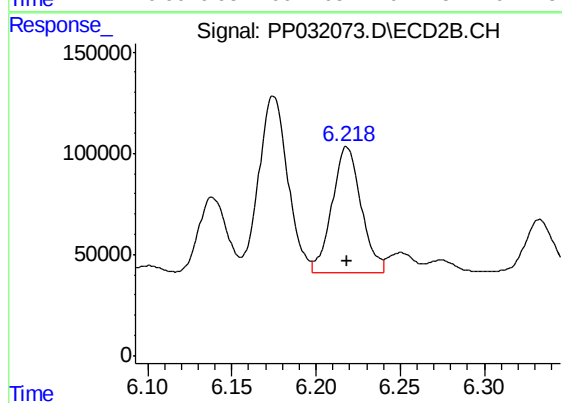
#24 AR-1248-4

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 515012  
Conc: 351.22 ng/ml



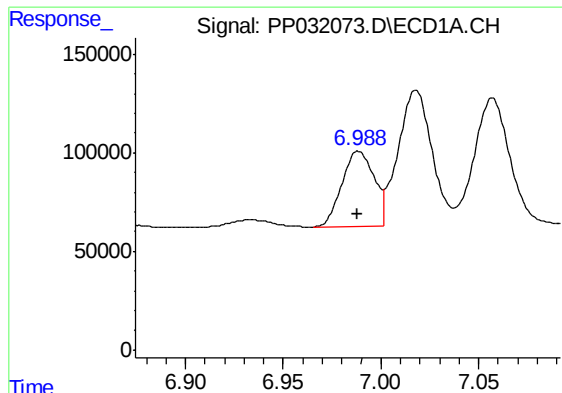
#25 AR-1248-5

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 815223  
Conc: 549.38 ng/ml



#25 AR-1248-5

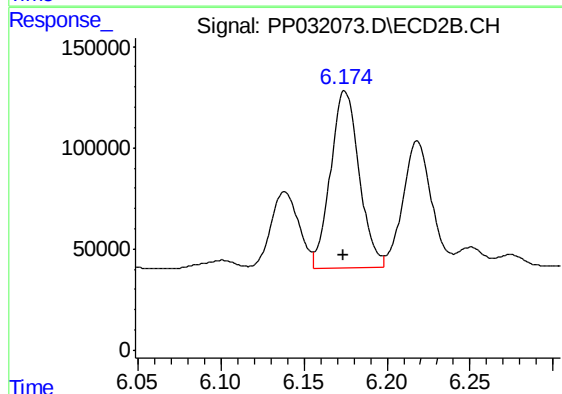
R.T.: 6.218 min  
Delta R.T.: 0.000 min  
Response: 751055  
Conc: 598.63 ng/ml



#26 AR-1254-1

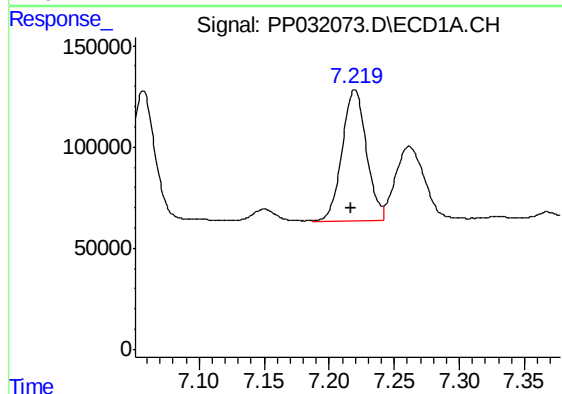
R.T.: 6.989 min  
Delta R.T.: 0.000 min  
Response: 438404  
Conc: 282.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



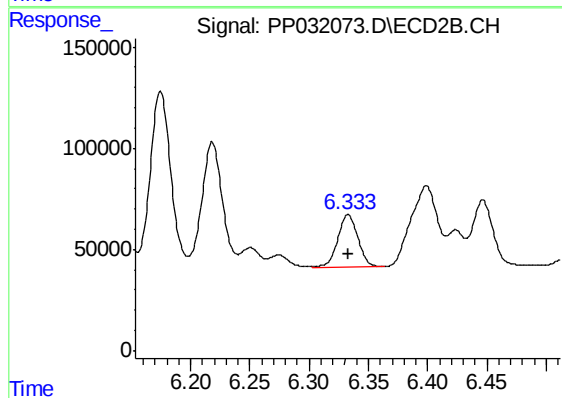
#26 AR-1254-1

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 1054556  
Conc: 510.18 ng/ml



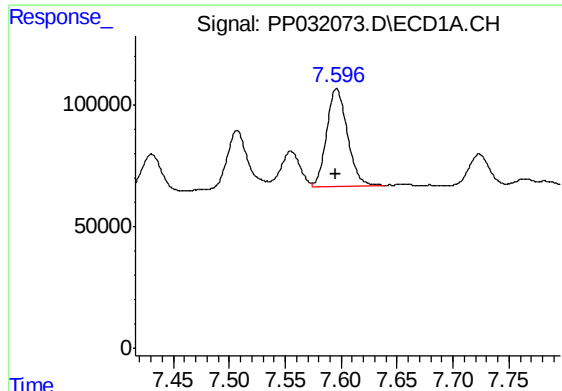
#27 AR-1254-2

R.T.: 7.220 min  
Delta R.T.: 0.002 min  
Response: 833980  
Conc: 362.55 ng/ml



#27 AR-1254-2

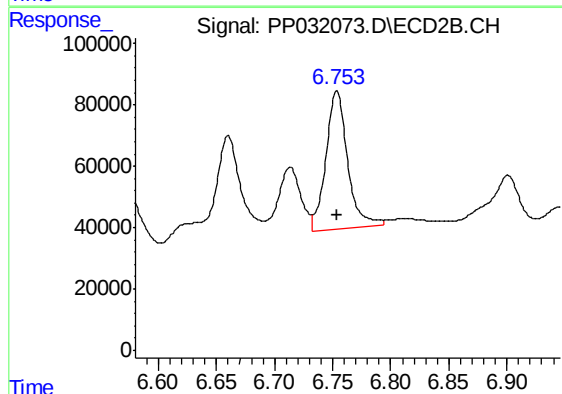
R.T.: 6.333 min  
Delta R.T.: 0.000 min  
Response: 306805  
Conc: 171.14 ng/ml



#28 AR-1254-3

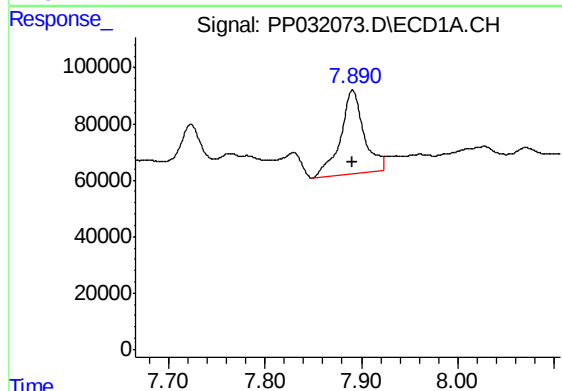
R.T.: 7.596 min  
Delta R.T.: 0.000 min  
Response: 520268  
Conc: 213.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



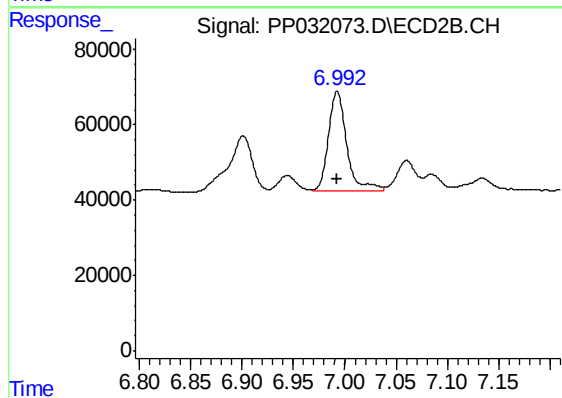
#28 AR-1254-3

R.T.: 6.754 min  
Delta R.T.: 0.000 min  
Response: 589544  
Conc: 206.28 ng/ml



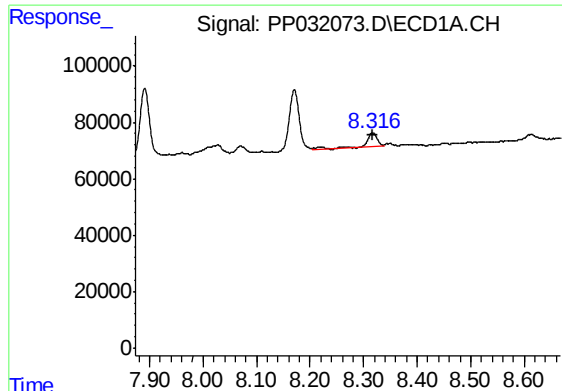
#29 AR-1254-4

R.T.: 7.891 min  
Delta R.T.: 0.000 min  
Response: 504615  
Conc: 327.84 ng/ml



#29 AR-1254-4

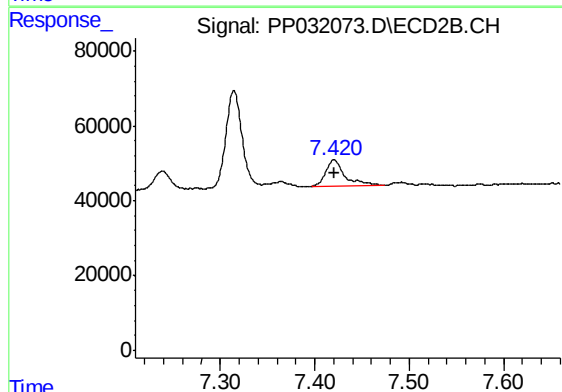
R.T.: 6.993 min  
Delta R.T.: 0.000 min  
Response: 334605  
Conc: 242.13 ng/ml



#30 AR-1254-5

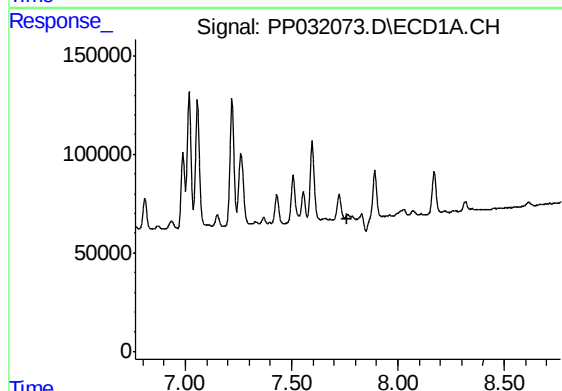
R.T.: 8.316 min  
Delta R.T.: -0.001 min  
Response: 55428  
Conc: 32.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



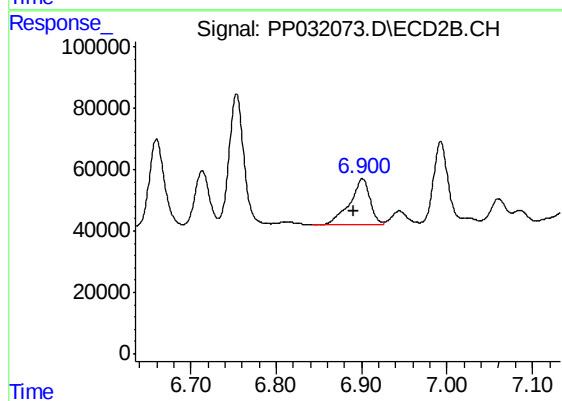
#30 AR-1254-5

R.T.: 7.420 min  
Delta R.T.: 0.000 min  
Response: 98764  
Conc: 41.51 ng/ml



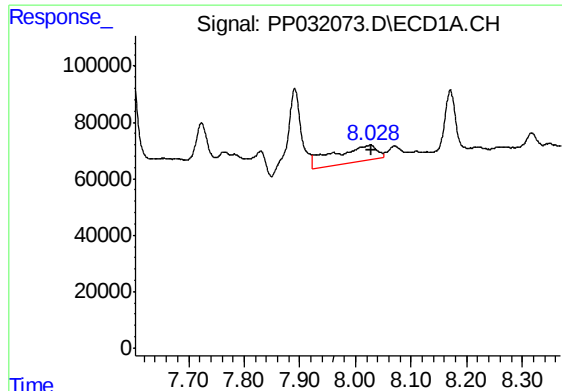
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.765 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

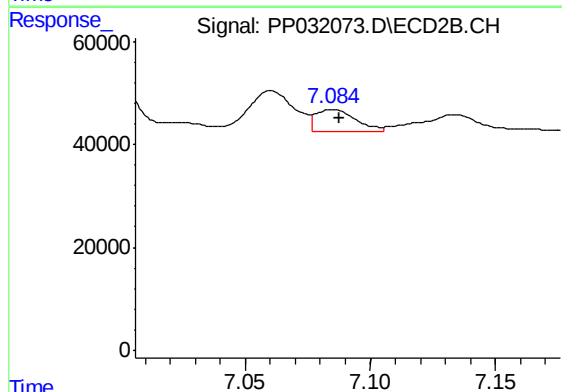
R.T.: 6.901 min  
Delta R.T.: 0.010 min  
Response: 244626  
Conc: 129.03 ng/ml



#32 AR-1260-2

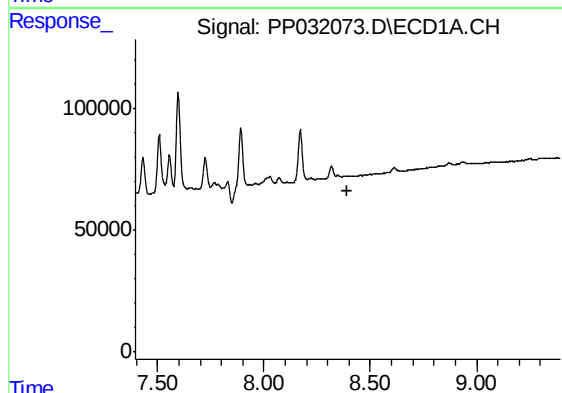
R.T.: 8.027 min  
Delta R.T.: -0.002 min  
Response: 315716  
Conc: 153.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



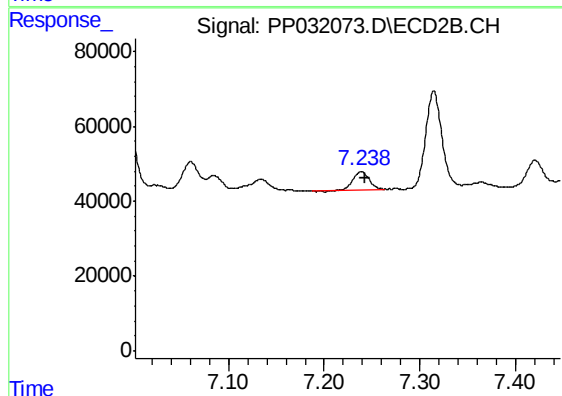
#32 AR-1260-2

R.T.: 7.085 min  
Delta R.T.: -0.003 min  
Response: 47406  
Conc: 21.79 ng/ml



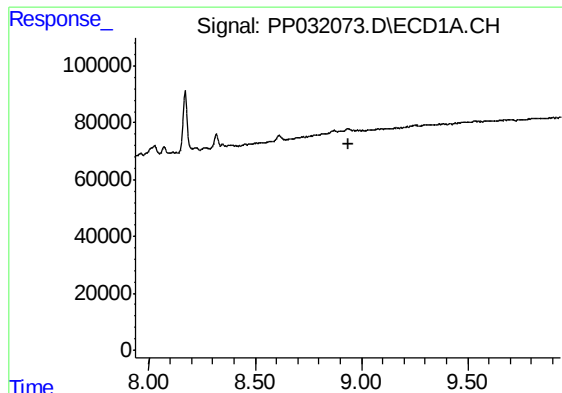
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.394 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

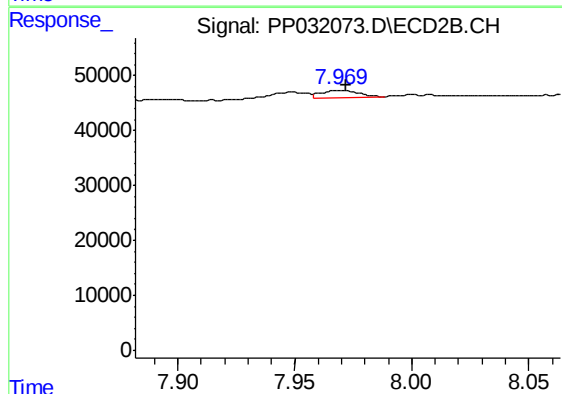
R.T.: 7.239 min  
Delta R.T.: -0.004 min  
Response: 54910  
Conc: 25.84 ng/ml



#35 AR-1260-5

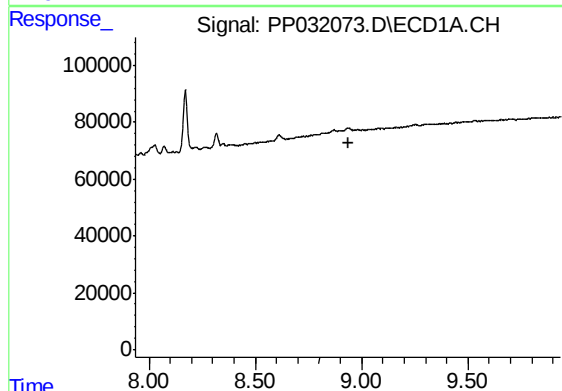
R.T.: 0.000 min  
Exp R.T. : 8.937 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



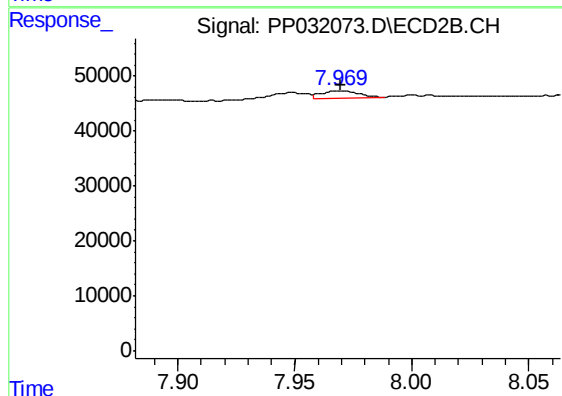
#35 AR-1260-5

R.T.: 7.969 min  
Delta R.T.: -0.003 min  
Response: 15134  
Conc: 3.96 ng/ml



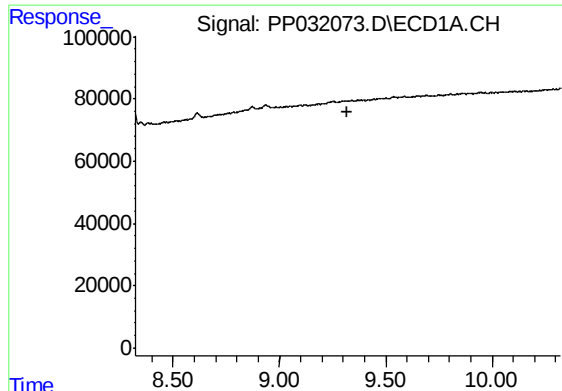
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.936 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

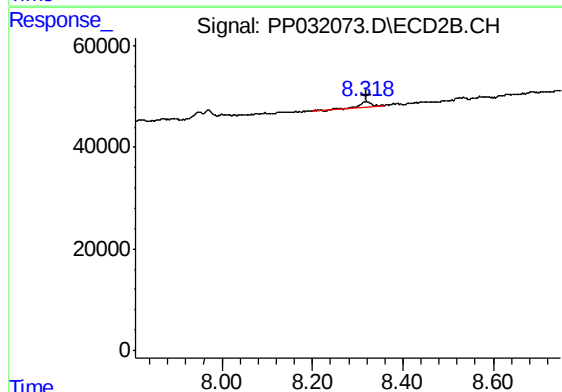
R.T.: 7.969 min  
Delta R.T.: 0.000 min  
Response: 15134  
Conc: 3.63 ng/ml



#39 AR-1262-4

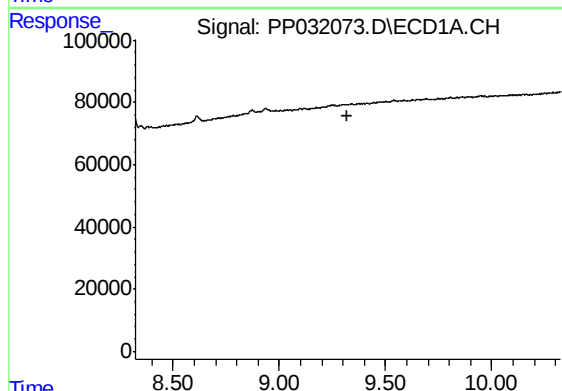
R.T.: 0.000 min  
Exp R.T. : 9.322 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



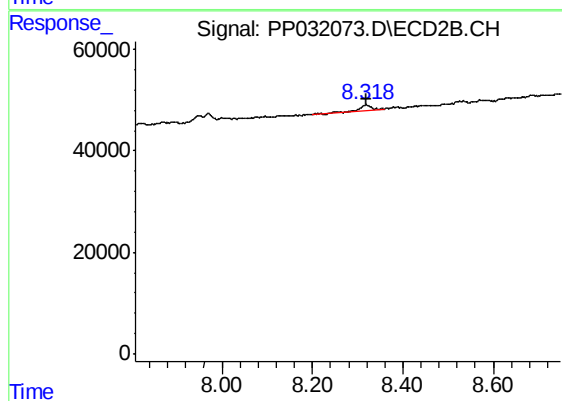
#39 AR-1262-4

R.T.: 8.318 min  
Delta R.T.: -0.001 min  
Response: 19567  
Conc: 5.82 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.323 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.318 min  
Delta R.T.: -0.002 min  
Response: 19567  
Conc: 3.83 ng/ml