

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP072221\  
 Data File : PP037585.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 22 Jul 2021 22:30  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 03:00:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 07 08:32:32 2021  
 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... | 4.955  | 3.946  | 2648431 | 1580544 | 58.272   | 57.760     |
| 2)                          | SA Decachlor... | 10.981 | 9.235  | 2307214 | 1243244 | 50.118   | 44.665     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.275  | 5.195  | 556779  | 312274  | 320.409  | 302.181    |
| 4)                          | L1 AR-1016-2    | 6.299  | 5.215  | 655847  | 306281  | 262.329  | 213.921    |
| 5)                          | L1 AR-1016-3    | 6.364  | 5.406  | 332872  | 210670  | 209.000  | 269.639 #  |
| 6)                          | L1 AR-1016-4    | 6.471  | 5.458  | 381196  | 419494  | 289.094  | 694.999 #  |
| 7)                          | L1 AR-1016-5    | 6.786  | 5.686  | 879445  | 501260  | 695.209  | 649.137    |
| 9)                          | L2 AR-1221-2    | 5.307  | 4.296  | 41262   | 24501   | 101.849  | 104.074    |
| 10)                         | L2 AR-1221-3    | 5.391  | 4.386  | 46173   | 29747   | 37.895   | 39.994     |
| 11)                         | L3 AR-1232-1    | 5.391  | 4.386  | 46173   | 29747   | 41.556   | 43.812     |
| 12)                         | L3 AR-1232-2    | 5.980  | 5.215  | 249820  | 306281  | 418.969  | 489.335    |
| 13)                         | L3 AR-1232-3    | 6.299  | 5.406  | 655847  | 210670  | 599.354  | 634.521    |
| 14)                         | L3 AR-1232-4    | 6.471  | 5.503  | 381196  | 437913  | 656.584  | 1588.309 # |
| 15)                         | L3 AR-1232-5    | 6.569  | 5.686  | 724641  | 501260  | 1884.205 | 1686.206   |
| 16)                         | L4 AR-1242-1    | 6.275  | 5.195  | 556779  | 312274  | 436.796  | 414.322    |
| 17)                         | L4 AR-1242-2    | 6.299  | 5.215  | 655847  | 306281  | 361.723  | 297.657    |
| 18)                         | L4 AR-1242-3    | 6.364  | 5.406  | 332872  | 210670  | 289.413  | 369.974 #  |
| 19)                         | L4 AR-1242-4    | 6.471  | 5.503  | 381196  | 437913  | 398.198  | 849.695 #  |
| 20)                         | L4 AR-1242-5    | 7.255  | 6.065  | 1007651 | 742756  | 968.931  | 1091.201   |
| 21)                         | L5 AR-1248-1    | 6.275  | 5.195  | 556779  | 312274  | 530.481  | 494.835    |
| 22)                         | L5 AR-1248-2    | 6.569  | 5.458  | 724641  | 419494  | 488.121  | 511.410    |
| 23)                         | L5 AR-1248-3    | 6.786  | 5.503  | 879445  | 437913  | 532.415  | 511.716    |
| 24)                         | L5 AR-1248-4    | 7.215  | 5.686  | 1003244 | 501260  | 530.786  | 492.554    |
| 25)                         | L5 AR-1248-5    | 7.255  | 6.108  | 1007651 | 544299  | 538.389  | 513.129    |
| 26)                         | L6 AR-1254-1    | 7.184  | 6.065  | 849806  | 742756  | 473.035  | 500.317    |
| 27)                         | L6 AR-1254-2    | 7.418  | 6.226  | 1014361 | 205672  | 364.658  | 158.330 #  |
| 28)                         | L6 AR-1254-3    | 7.795  | 6.645  | 569007  | 330214  | 184.562  | 154.737    |
| 29)                         | L6 AR-1254-4    | 8.091  | 6.884  | 381891  | 227021  | 168.127  | 167.329    |
| 30)                         | L6 AR-1254-5    | 8.520  | 7.314  | 104653  | 64154   | 41.821   | 34.222     |
| 31)                         | L7 AR-1260-1    | 7.961  | 6.791  | 41967   | 168879  | 19.063   | 122.216 #  |
| 32)                         | L7 AR-1260-2    | 8.224  | 6.981  | 109075  | 30710   | 39.211   | 18.280 #   |
| 33)                         | L7 AR-1260-3    | 8.582f | 7.132  | 24547   | 47380   | 12.145   | 27.653 #   |
| 34)                         | L7 AR-1260-4    | 8.816  | 7.653f | 83006   | 18485   | 33.745   | 13.596 #   |
| 35)                         | L7 AR-1260-5    | 9.151  | 0.000  | 29605   | 0       | 6.416    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 8.582f | 7.314  | 24547   | 64154   | 8.428    | 61.782 #   |
| 37)                         | L8 AR-1262-2    | 9.151  | 0.000  | 29605   | 0       | 5.637    | N.D. #     |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.138f | 0       | 27854   | N.D.     | 19.784 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.138f | 0       | 27854   | N.D.     | 6.990 #    |
| 45)                         | L9 AR-1268-5    | 10.646 | 0.000  | 19226   | 0       | 1.214    | N.D. #     |
| -----                       |                 |        |        |         |         |          |            |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP072221\  
Data File : PP037585.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 22 Jul 2021 22:30  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

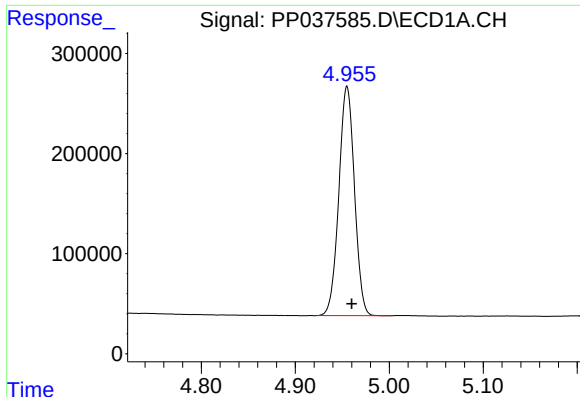
Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 03:00:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 07 08:32:32 2021  
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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

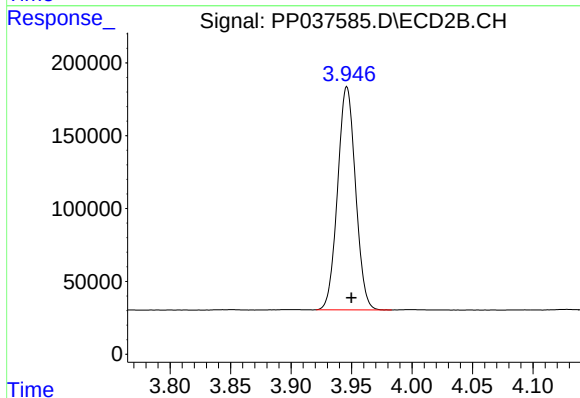




#1 Tetrachloro-m-xylene

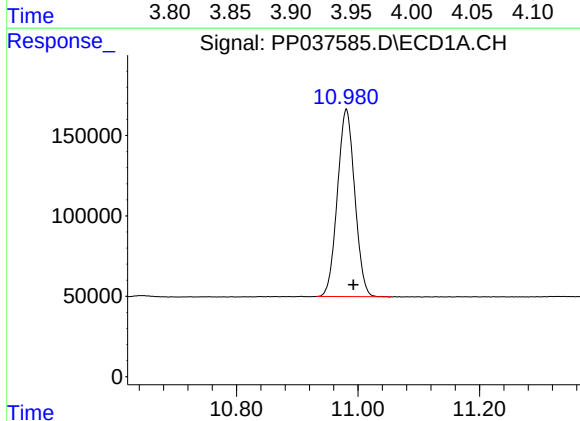
R.T.: 4.955 min  
Delta R.T.: -0.005 min  
Response: 2648431  
Conc: 58.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



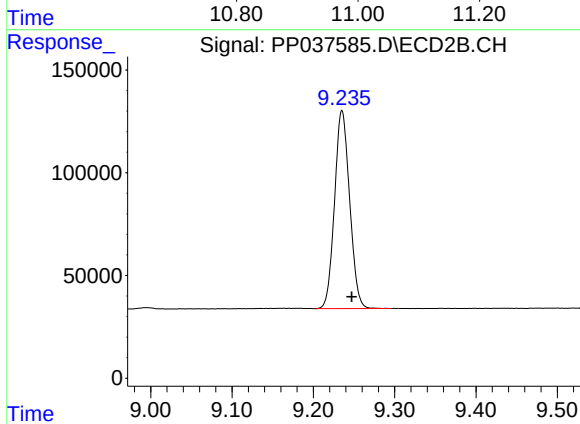
#1 Tetrachloro-m-xylene

R.T.: 3.946 min  
Delta R.T.: -0.004 min  
Response: 1580544  
Conc: 57.76 ng/ml



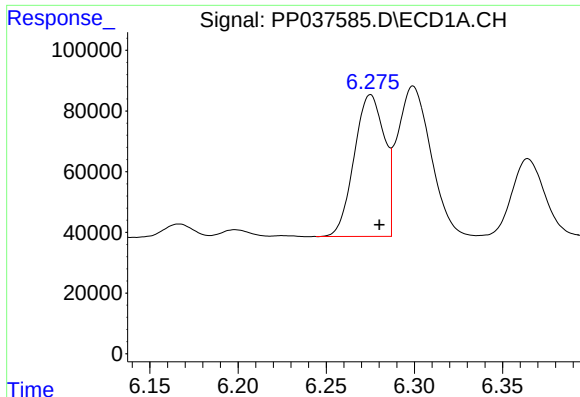
#2 Decachlorobiphenyl

R.T.: 10.981 min  
Delta R.T.: -0.011 min  
Response: 2307214  
Conc: 50.12 ng/ml



#2 Decachlorobiphenyl

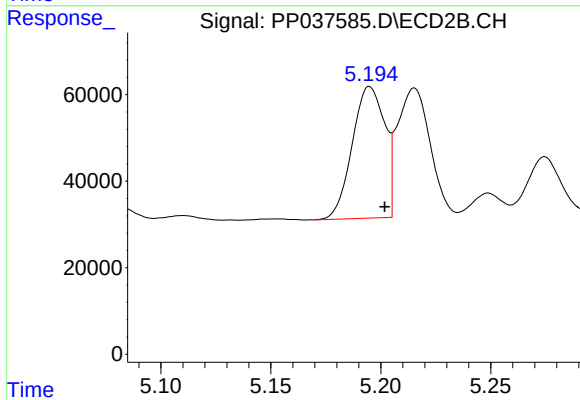
R.T.: 9.235 min  
Delta R.T.: -0.012 min  
Response: 1243244  
Conc: 44.66 ng/ml



#3 AR-1016-1

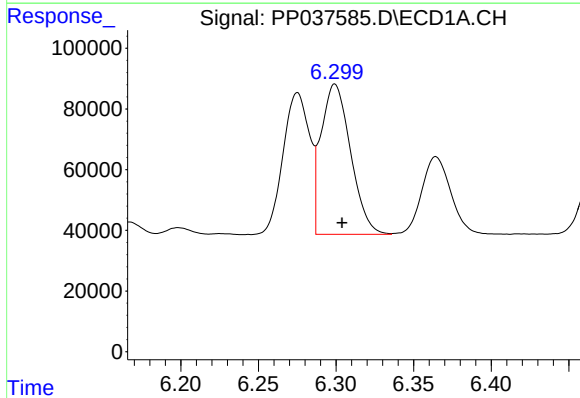
R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 556779  
Conc: 320.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



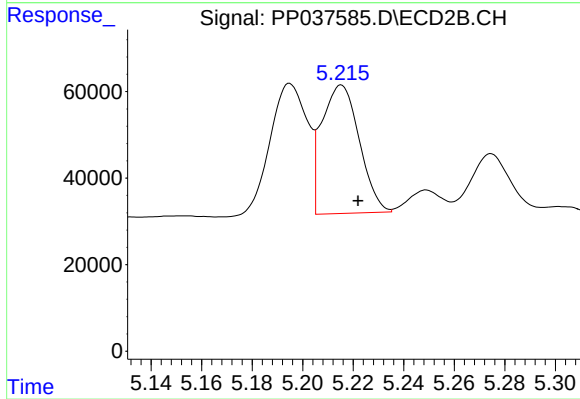
#3 AR-1016-1

R.T.: 5.195 min  
Delta R.T.: -0.007 min  
Response: 312274  
Conc: 302.18 ng/ml



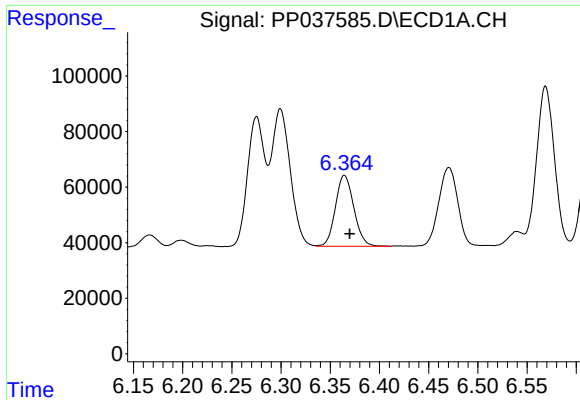
#4 AR-1016-2

R.T.: 6.299 min  
Delta R.T.: -0.005 min  
Response: 655847  
Conc: 262.33 ng/ml



#4 AR-1016-2

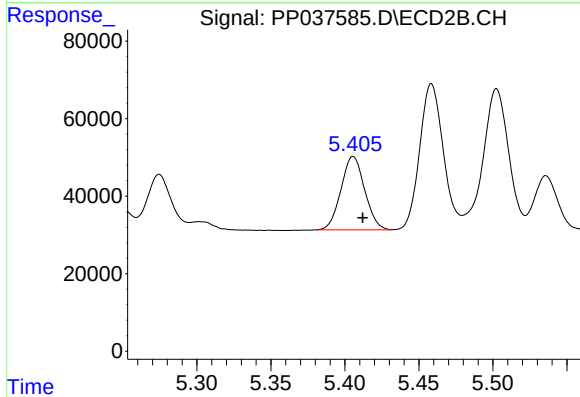
R.T.: 5.215 min  
Delta R.T.: -0.007 min  
Response: 306281  
Conc: 213.92 ng/ml



#5 AR-1016-3

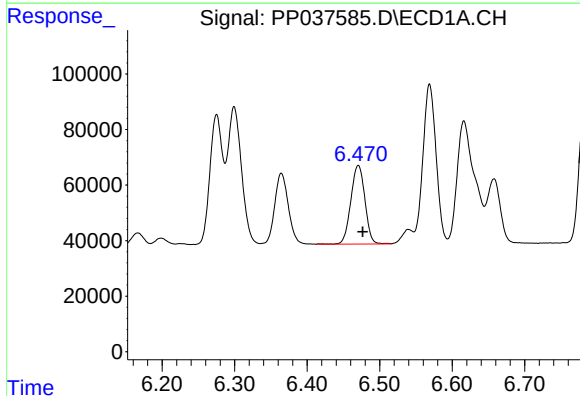
R.T.: 6.364 min  
Delta R.T.: -0.006 min  
Response: 332872  
Conc: 209.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



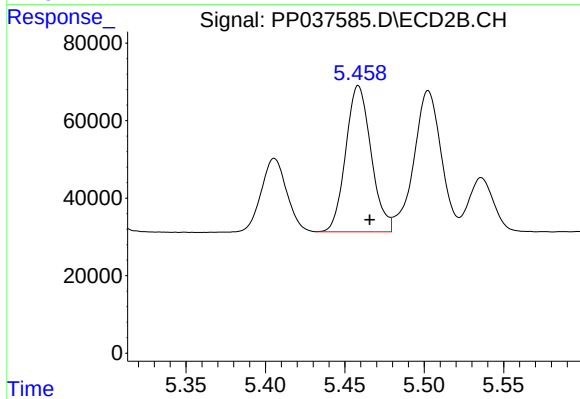
#5 AR-1016-3

R.T.: 5.406 min  
Delta R.T.: -0.006 min  
Response: 210670  
Conc: 269.64 ng/ml



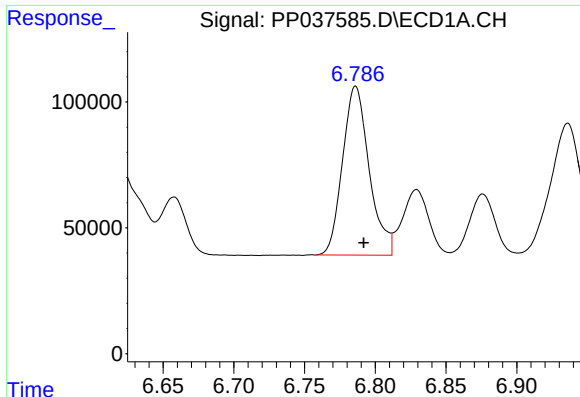
#6 AR-1016-4

R.T.: 6.471 min  
Delta R.T.: -0.006 min  
Response: 381196  
Conc: 289.09 ng/ml



#6 AR-1016-4

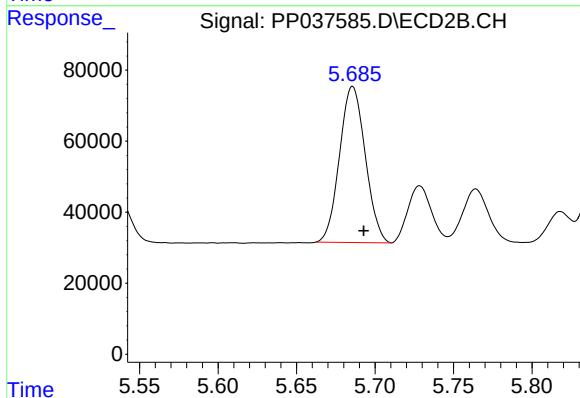
R.T.: 5.458 min  
Delta R.T.: -0.007 min  
Response: 419494  
Conc: 695.00 ng/ml



#7 AR-1016-5

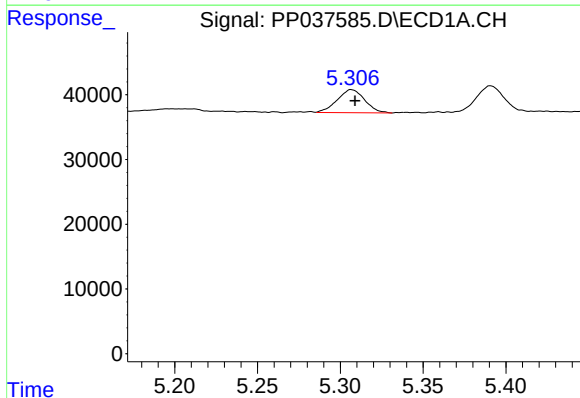
R.T.: 6.786 min  
Delta R.T.: -0.006 min  
Response: 879445  
Conc: 695.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



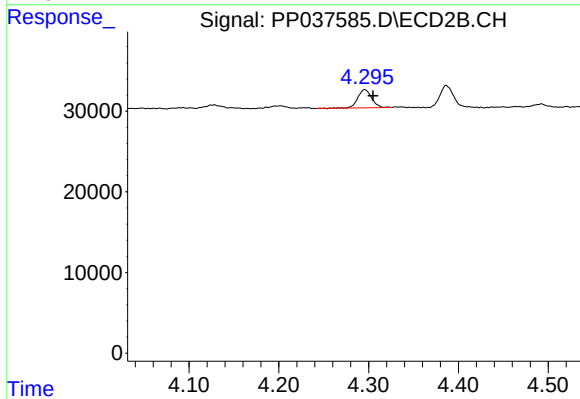
#7 AR-1016-5

R.T.: 5.686 min  
Delta R.T.: -0.007 min  
Response: 501260  
Conc: 649.14 ng/ml



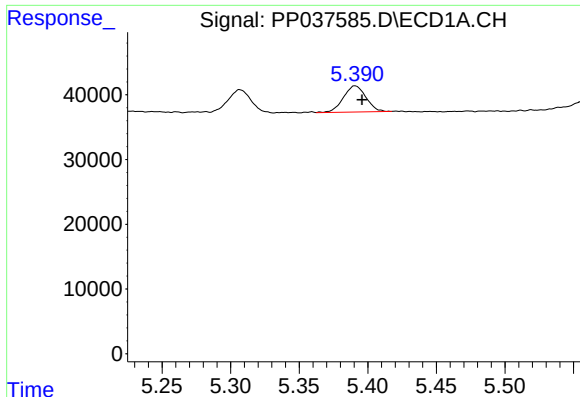
#9 AR-1221-2

R.T.: 5.307 min  
Delta R.T.: -0.002 min  
Response: 41262  
Conc: 101.85 ng/ml



#9 AR-1221-2

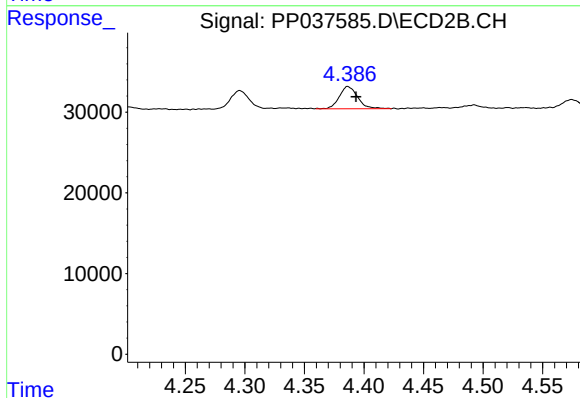
R.T.: 4.296 min  
Delta R.T.: -0.009 min  
Response: 24501  
Conc: 104.07 ng/ml



#10 AR-1221-3

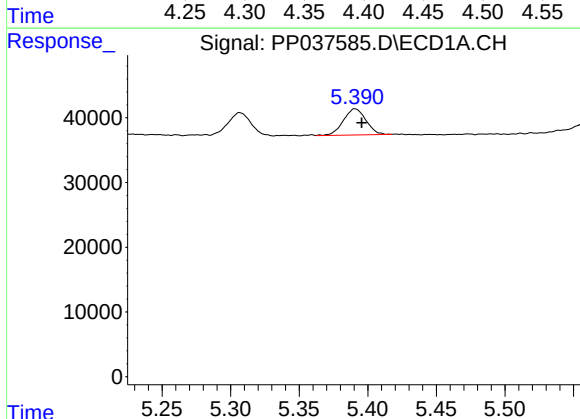
R.T.: 5.391 min  
Delta R.T.: -0.005 min  
Response: 46173  
Conc: 37.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



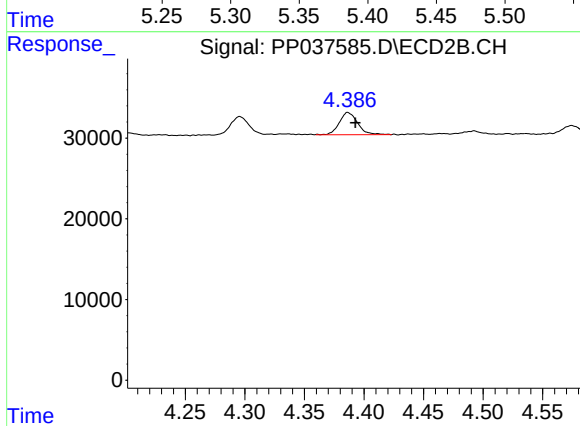
#10 AR-1221-3

R.T.: 4.386 min  
Delta R.T.: -0.007 min  
Response: 29747  
Conc: 39.99 ng/ml



#11 AR-1232-1

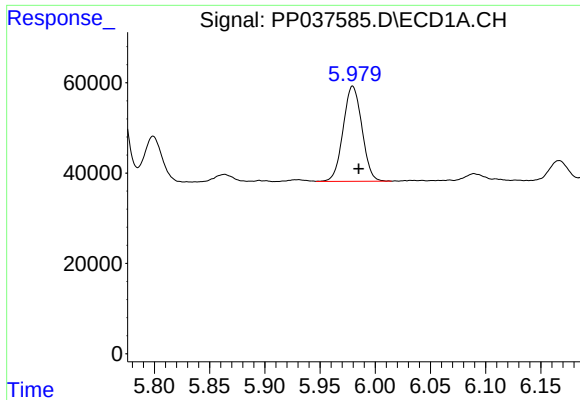
R.T.: 5.391 min  
Delta R.T.: -0.005 min  
Response: 46173  
Conc: 41.56 ng/ml



#11 AR-1232-1

R.T.: 4.386 min  
Delta R.T.: -0.006 min  
Response: 29747  
Conc: 43.81 ng/ml

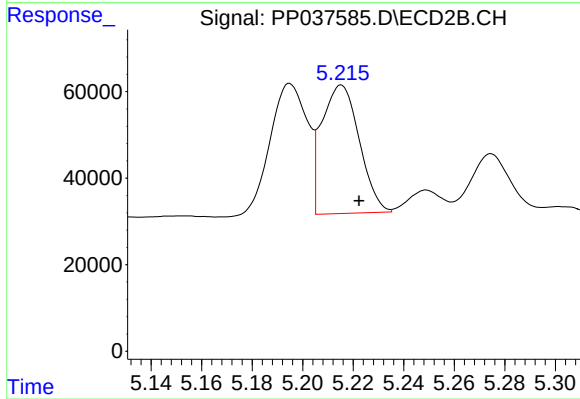




#12 AR-1232-2

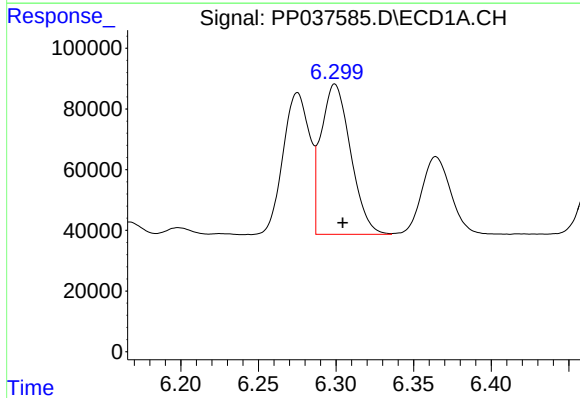
R.T.: 5.980 min  
Delta R.T.: -0.005 min  
Response: 249820  
Conc: 418.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



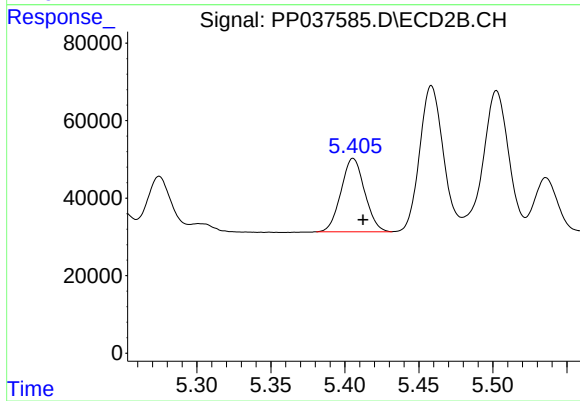
#12 AR-1232-2

R.T.: 5.215 min  
Delta R.T.: -0.007 min  
Response: 306281  
Conc: 489.34 ng/ml



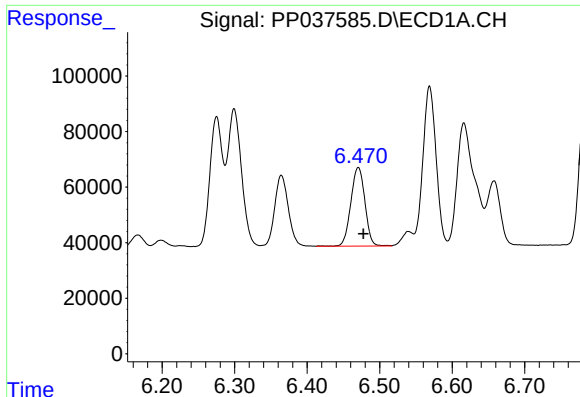
#13 AR-1232-3

R.T.: 6.299 min  
Delta R.T.: -0.005 min  
Response: 655847  
Conc: 599.35 ng/ml



#13 AR-1232-3

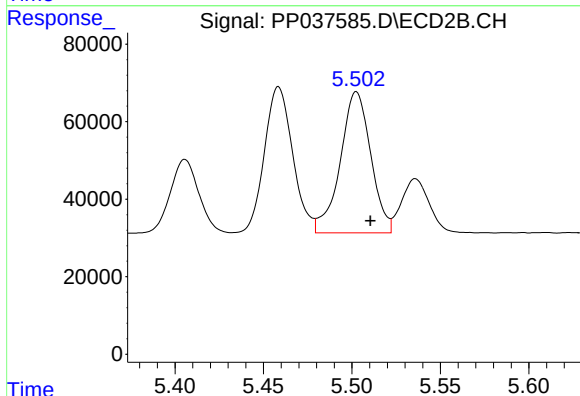
R.T.: 5.406 min  
Delta R.T.: -0.007 min  
Response: 210670  
Conc: 634.52 ng/ml



#14 AR-1232-4

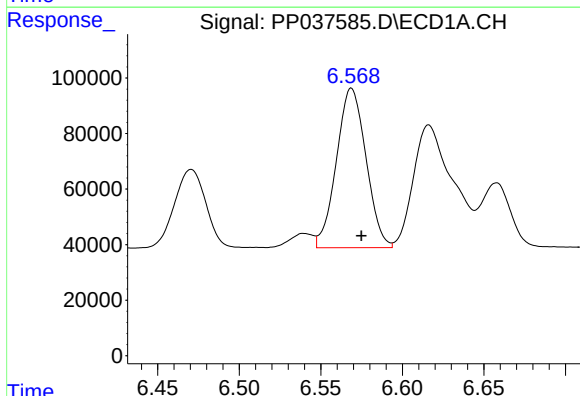
R.T.: 6.471 min  
Delta R.T.: -0.007 min  
Response: 381196  
Conc: 656.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



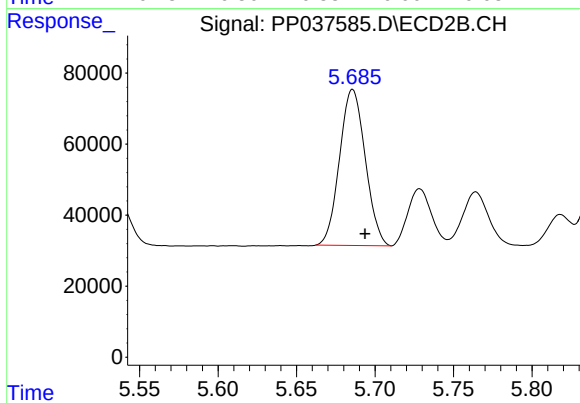
#14 AR-1232-4

R.T.: 5.503 min  
Delta R.T.: -0.008 min  
Response: 437913  
Conc: 1588.31 ng/ml



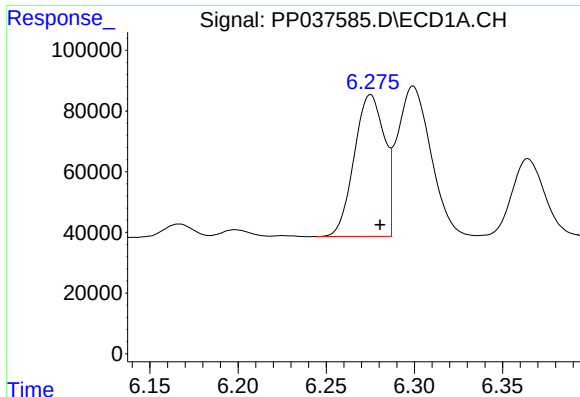
#15 AR-1232-5

R.T.: 6.569 min  
Delta R.T.: -0.006 min  
Response: 724641  
Conc: 1884.21 ng/ml



#15 AR-1232-5

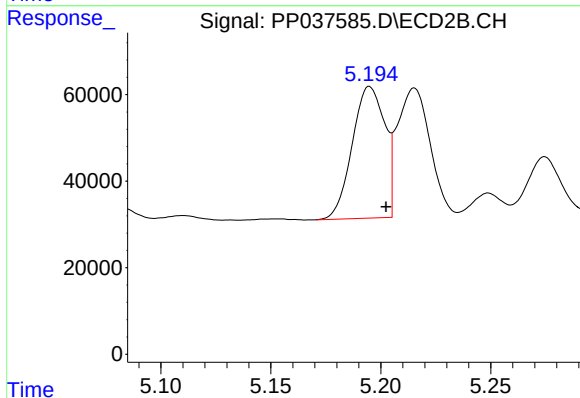
R.T.: 5.686 min  
Delta R.T.: -0.008 min  
Response: 501260  
Conc: 1686.21 ng/ml



#16 AR-1242-1

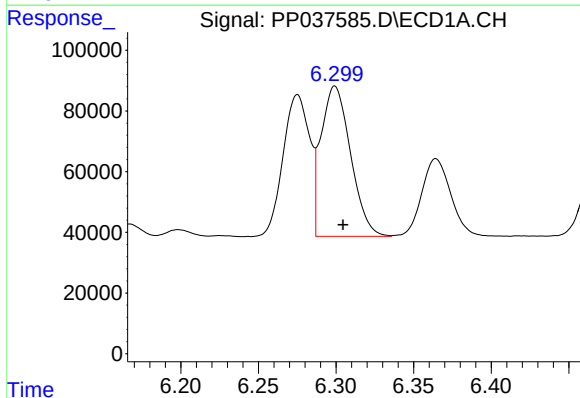
R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 556779  
Conc: 436.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



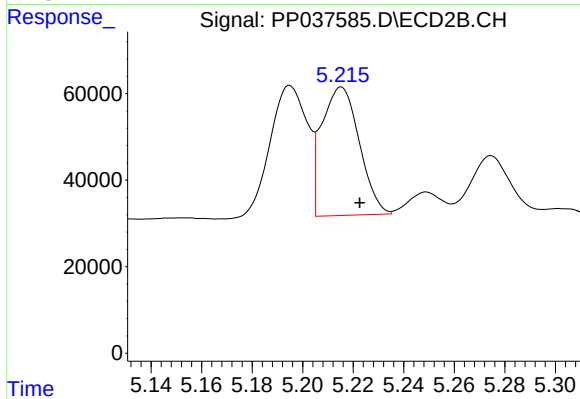
#16 AR-1242-1

R.T.: 5.195 min  
Delta R.T.: -0.007 min  
Response: 312274  
Conc: 414.32 ng/ml



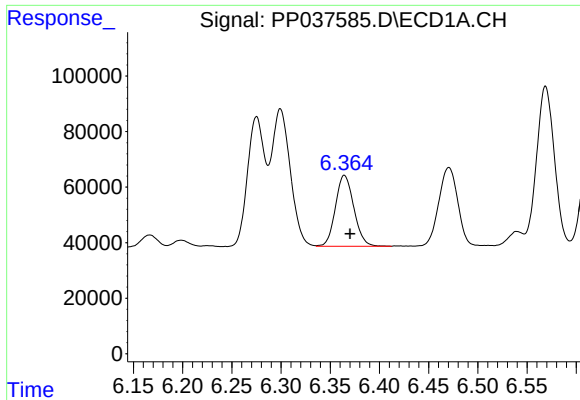
#17 AR-1242-2

R.T.: 6.299 min  
Delta R.T.: -0.005 min  
Response: 655847  
Conc: 361.72 ng/ml



#17 AR-1242-2

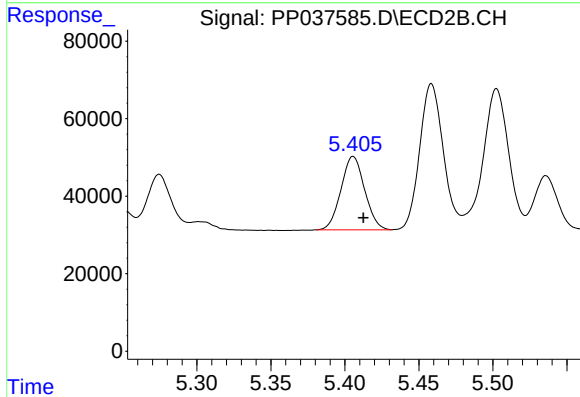
R.T.: 5.215 min  
Delta R.T.: -0.007 min  
Response: 306281  
Conc: 297.66 ng/ml



#18 AR-1242-3

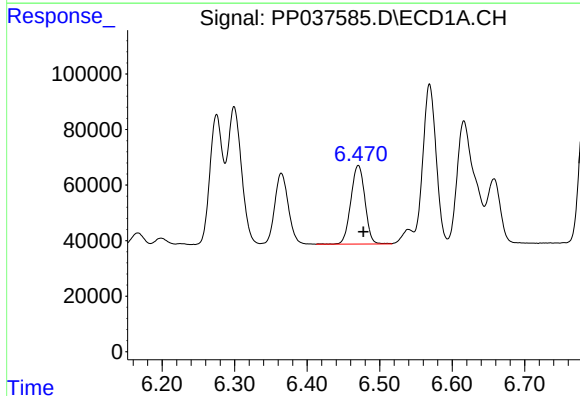
R.T.: 6.364 min  
Delta R.T.: -0.006 min  
Response: 332872  
Conc: 289.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



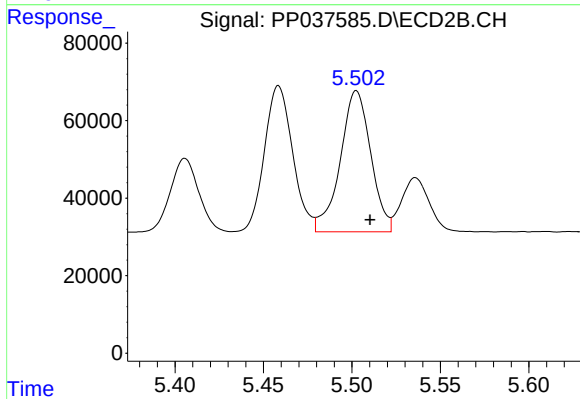
#18 AR-1242-3

R.T.: 5.406 min  
Delta R.T.: -0.007 min  
Response: 210670  
Conc: 369.97 ng/ml



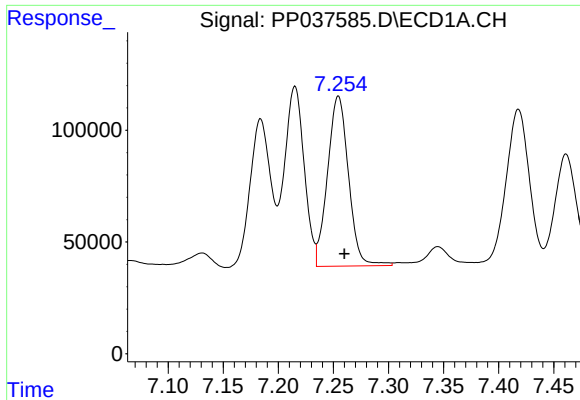
#19 AR-1242-4

R.T.: 6.471 min  
Delta R.T.: -0.007 min  
Response: 381196  
Conc: 398.20 ng/ml



#19 AR-1242-4

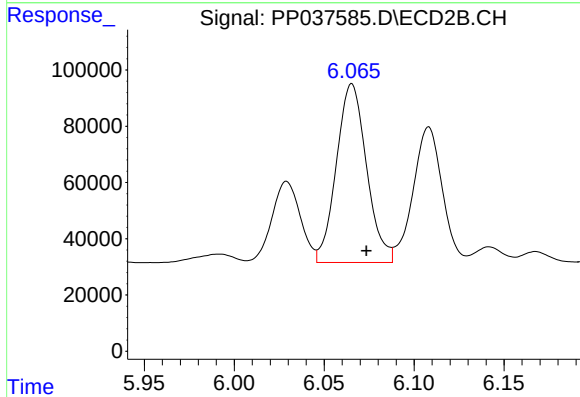
R.T.: 5.503 min  
Delta R.T.: -0.008 min  
Response: 437913  
Conc: 849.69 ng/ml



#20 AR-1242-5

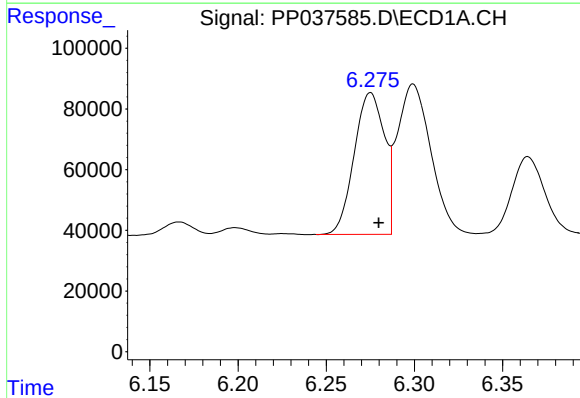
R.T.: 7.255 min  
Delta R.T.: -0.006 min  
Response: 1007651  
Conc: 968.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



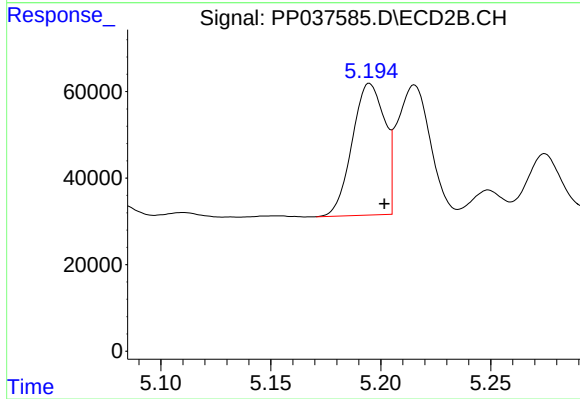
#20 AR-1242-5

R.T.: 6.065 min  
Delta R.T.: -0.008 min  
Response: 742756  
Conc: 1091.20 ng/ml



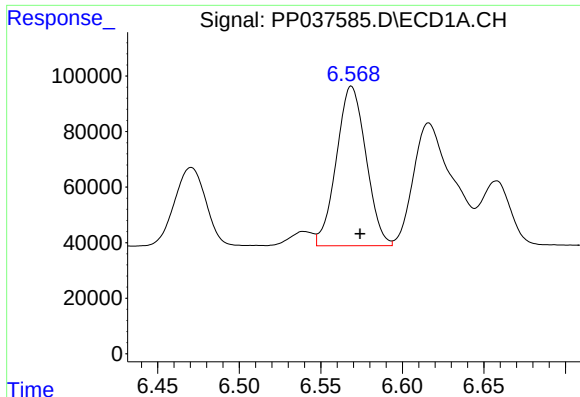
#21 AR-1248-1

R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 556779  
Conc: 530.48 ng/ml



#21 AR-1248-1

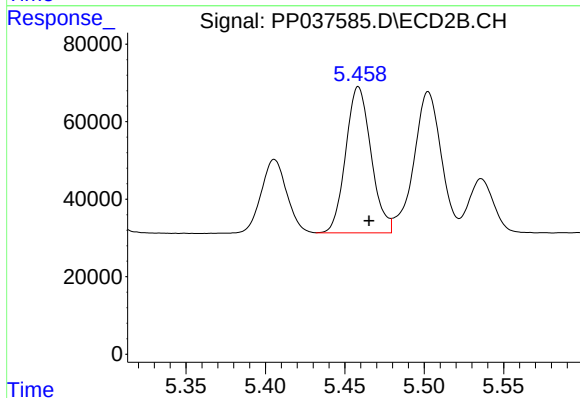
R.T.: 5.195 min  
Delta R.T.: -0.007 min  
Response: 312274  
Conc: 494.83 ng/ml



#22 AR-1248-2

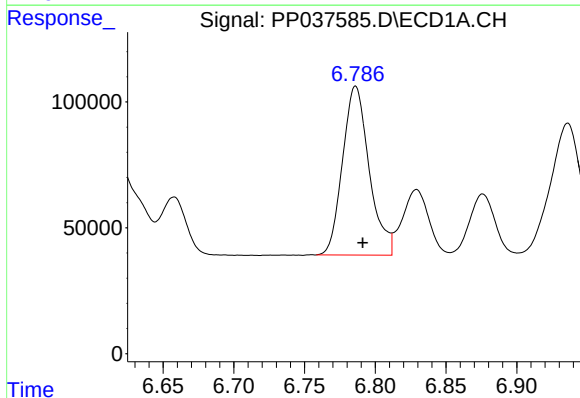
R.T.: 6.569 min  
Delta R.T.: -0.005 min  
Response: 724641  
Conc: 488.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



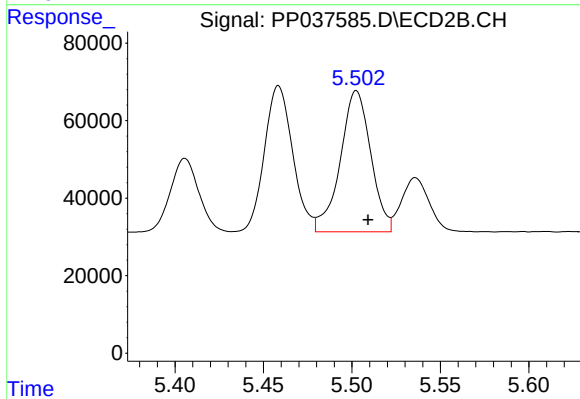
#22 AR-1248-2

R.T.: 5.458 min  
Delta R.T.: -0.007 min  
Response: 419494  
Conc: 511.41 ng/ml



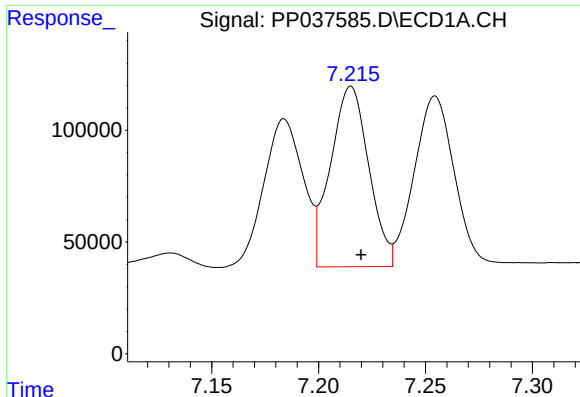
#23 AR-1248-3

R.T.: 6.786 min  
Delta R.T.: -0.005 min  
Response: 879445  
Conc: 532.42 ng/ml



#23 AR-1248-3

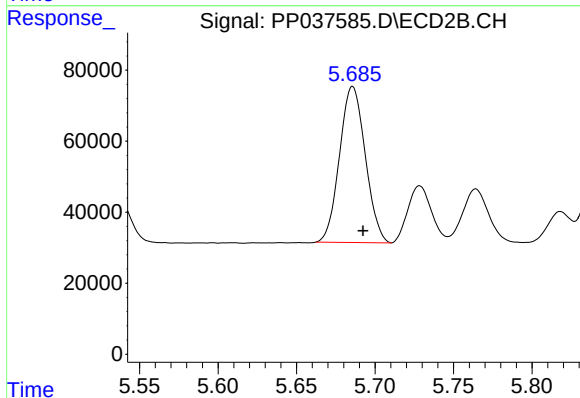
R.T.: 5.503 min  
Delta R.T.: -0.007 min  
Response: 437913  
Conc: 511.72 ng/ml



#24 AR-1248-4

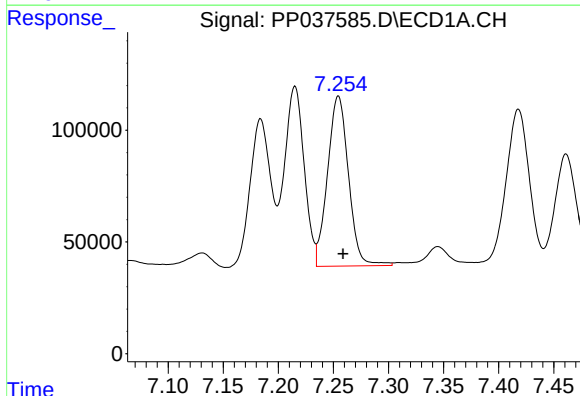
R.T.: 7.215 min  
Delta R.T.: -0.005 min  
Response: 1003244  
Conc: 530.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



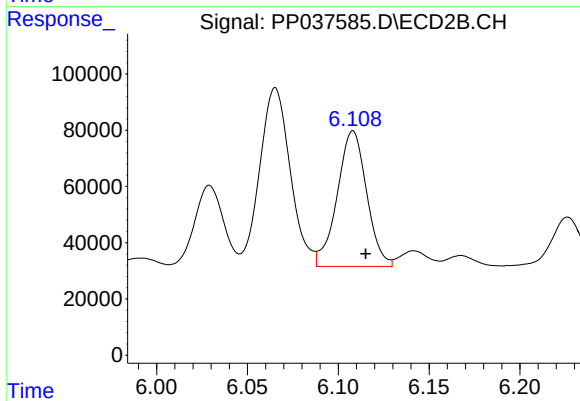
#24 AR-1248-4

R.T.: 5.686 min  
Delta R.T.: -0.007 min  
Response: 501260  
Conc: 492.55 ng/ml



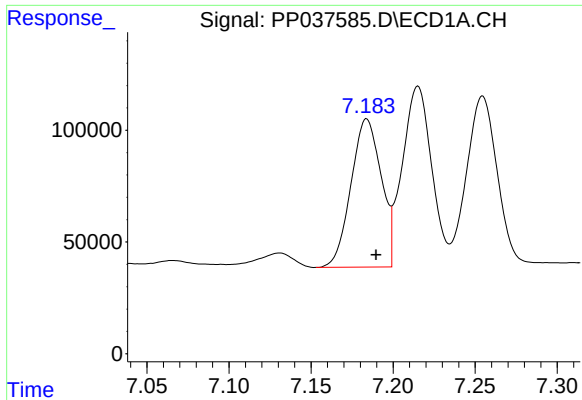
#25 AR-1248-5

R.T.: 7.255 min  
Delta R.T.: -0.004 min  
Response: 1007651  
Conc: 538.39 ng/ml



#25 AR-1248-5

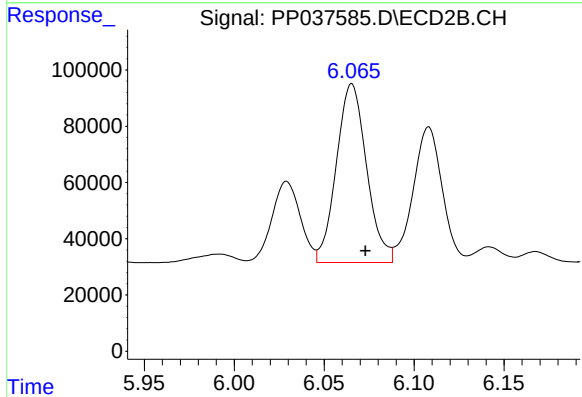
R.T.: 6.108 min  
Delta R.T.: -0.007 min  
Response: 544299  
Conc: 513.13 ng/ml



#26 AR-1254-1

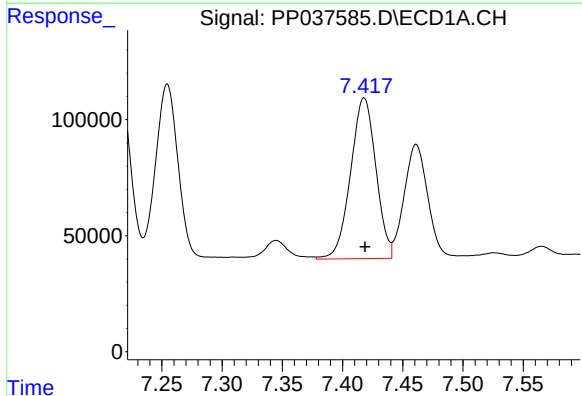
R.T.: 7.184 min  
Delta R.T.: -0.006 min  
Response: 849806  
Conc: 473.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



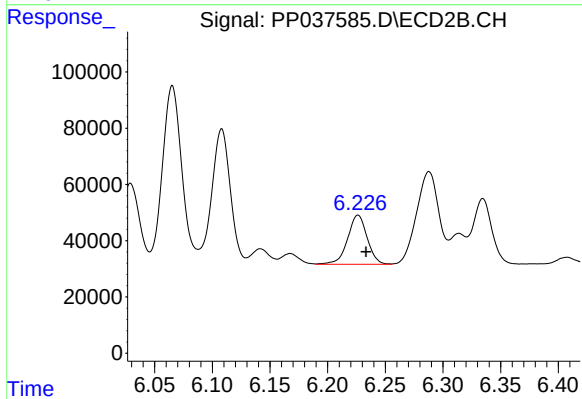
#26 AR-1254-1

R.T.: 6.065 min  
Delta R.T.: -0.008 min  
Response: 742756  
Conc: 500.32 ng/ml



#27 AR-1254-2

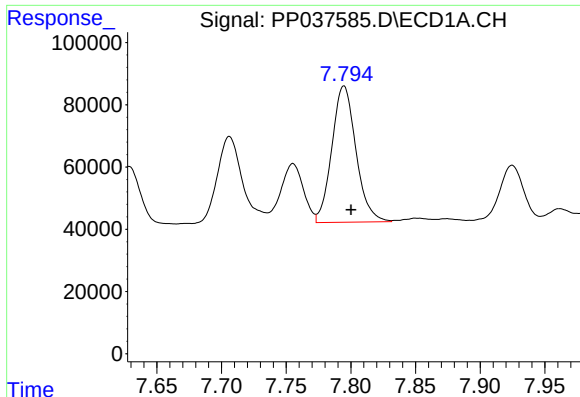
R.T.: 7.418 min  
Delta R.T.: 0.000 min  
Response: 1014361  
Conc: 364.66 ng/ml



#27 AR-1254-2

R.T.: 6.226 min  
Delta R.T.: -0.007 min  
Response: 205672  
Conc: 158.33 ng/ml

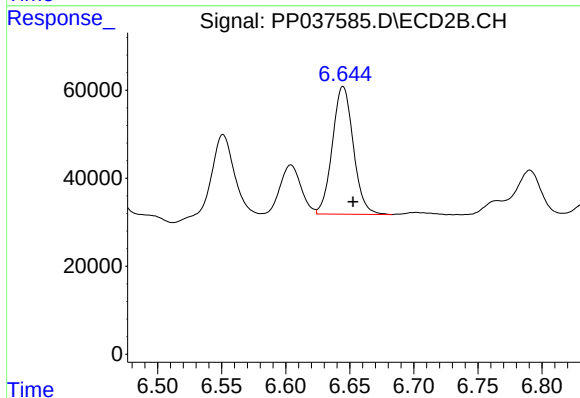




#28 AR-1254-3

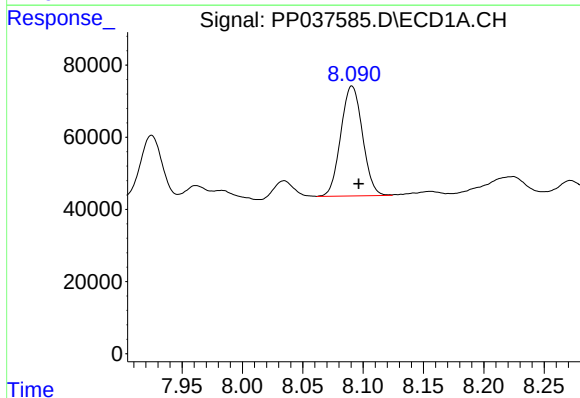
R.T.: 7.795 min  
Delta R.T.: -0.005 min  
Response: 569007  
Conc: 184.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



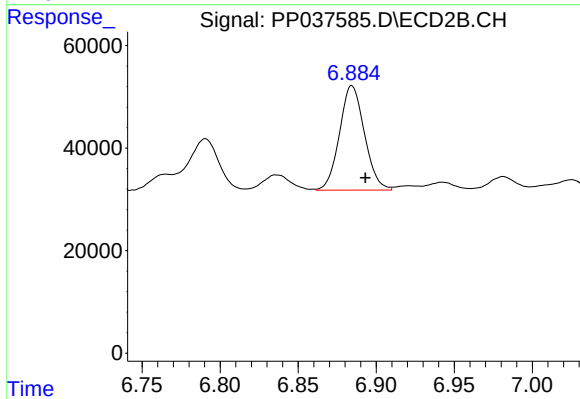
#28 AR-1254-3

R.T.: 6.645 min  
Delta R.T.: -0.008 min  
Response: 330214  
Conc: 154.74 ng/ml



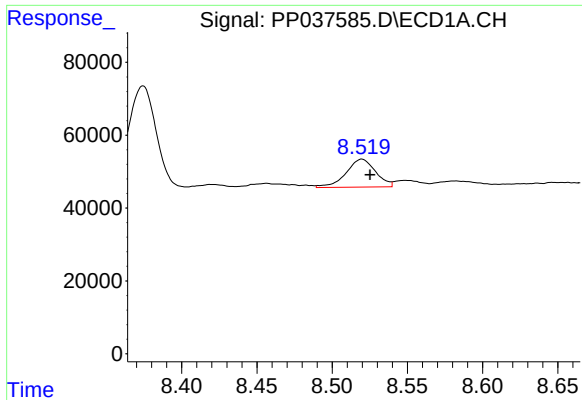
#29 AR-1254-4

R.T.: 8.091 min  
Delta R.T.: -0.006 min  
Response: 381891  
Conc: 168.13 ng/ml



#29 AR-1254-4

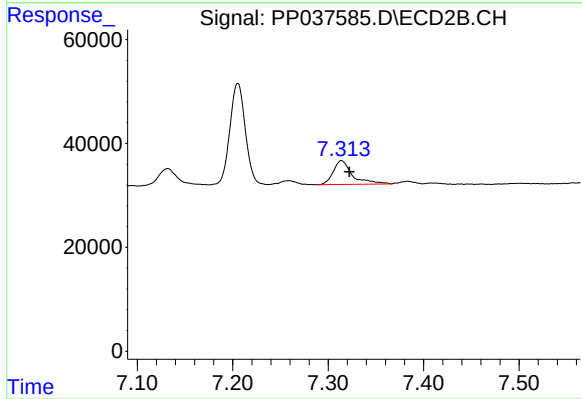
R.T.: 6.884 min  
Delta R.T.: -0.009 min  
Response: 227021  
Conc: 167.33 ng/ml



#30 AR-1254-5

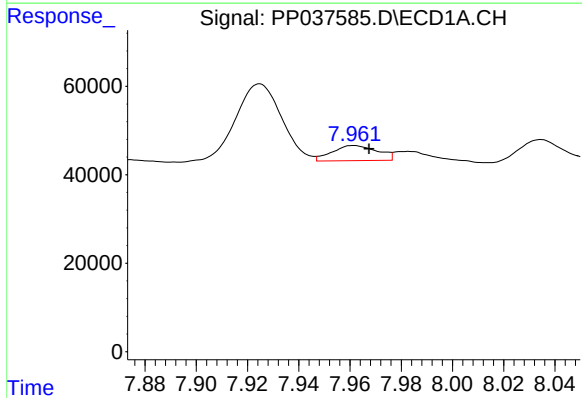
R.T.: 8.520 min  
Delta R.T.: -0.005 min  
Response: 104653  
Conc: 41.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



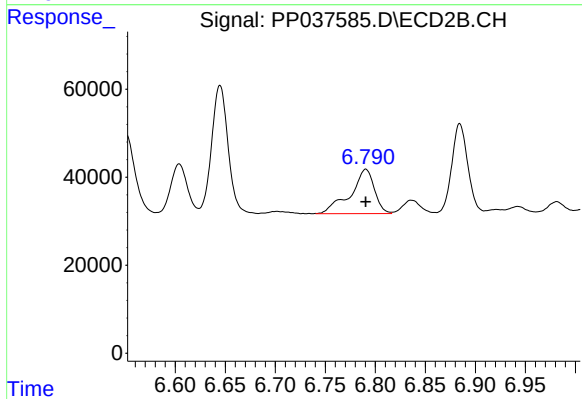
#30 AR-1254-5

R.T.: 7.314 min  
Delta R.T.: -0.008 min  
Response: 64154  
Conc: 34.22 ng/ml



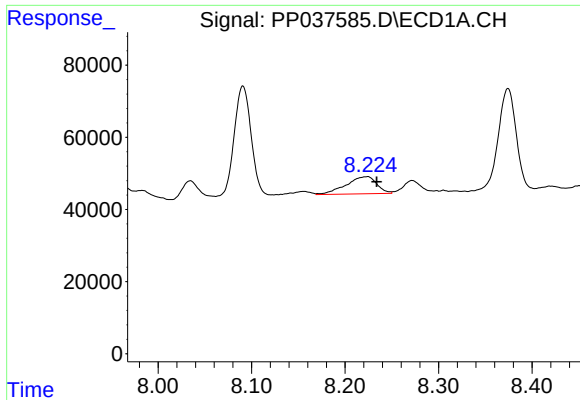
#31 AR-1260-1

R.T.: 7.961 min  
Delta R.T.: -0.006 min  
Response: 41967  
Conc: 19.06 ng/ml



#31 AR-1260-1

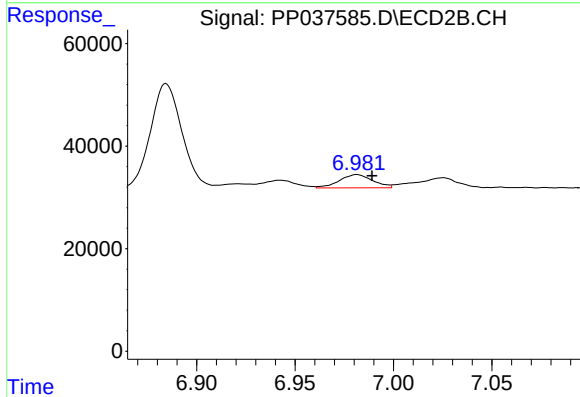
R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 168879  
Conc: 122.22 ng/ml



#32 AR-1260-2

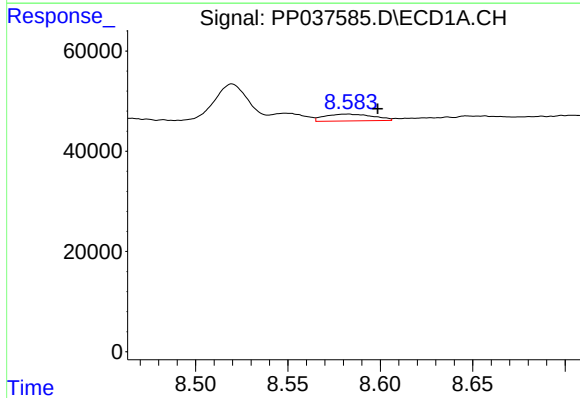
R.T.: 8.224 min  
Delta R.T.: -0.010 min  
Response: 109075  
Conc: 39.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



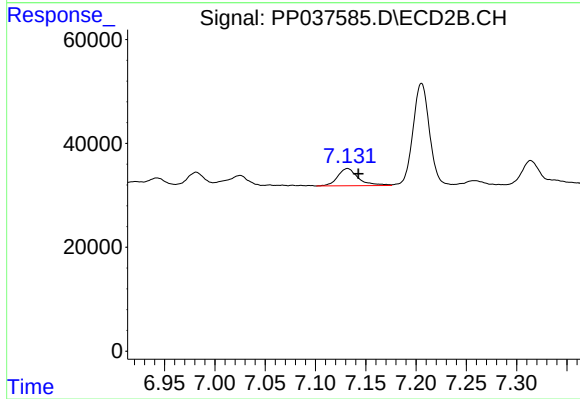
#32 AR-1260-2

R.T.: 6.981 min  
Delta R.T.: -0.008 min  
Response: 30710  
Conc: 18.28 ng/ml



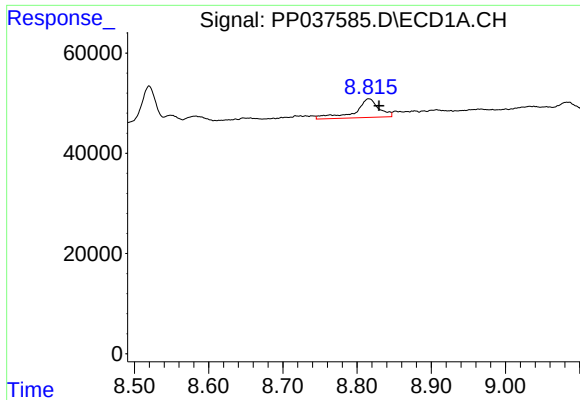
#33 AR-1260-3

R.T.: 8.582 min  
Delta R.T.: -0.017 min  
Response: 24547  
Conc: 12.14 ng/ml



#33 AR-1260-3

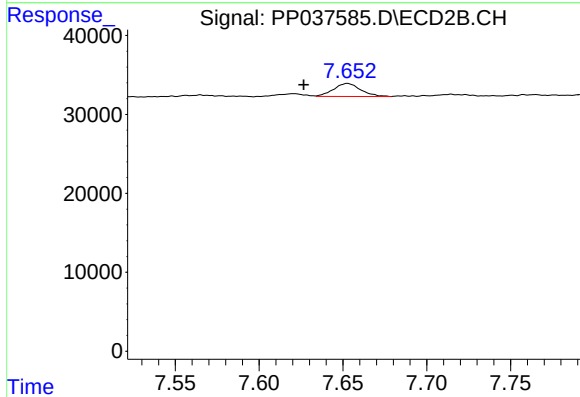
R.T.: 7.132 min  
Delta R.T.: -0.011 min  
Response: 47380  
Conc: 27.65 ng/ml



#34 AR-1260-4

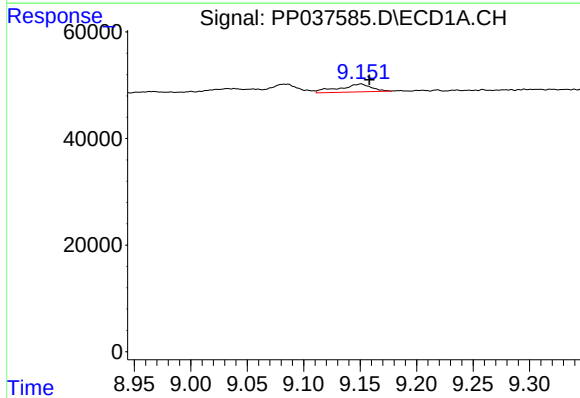
R.T.: 8.816 min  
Delta R.T.: -0.014 min  
Response: 83006  
Conc: 33.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



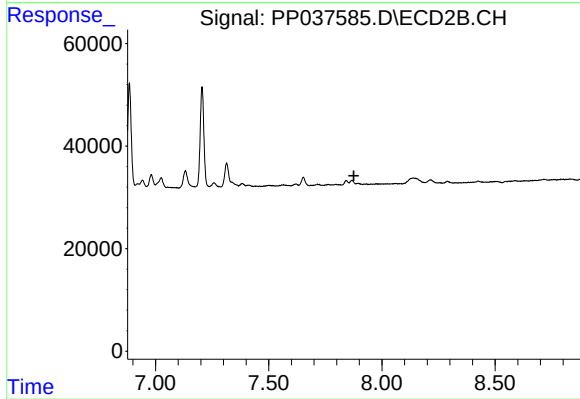
#34 AR-1260-4

R.T.: 7.653 min  
Delta R.T.: 0.026 min  
Response: 18485  
Conc: 13.60 ng/ml



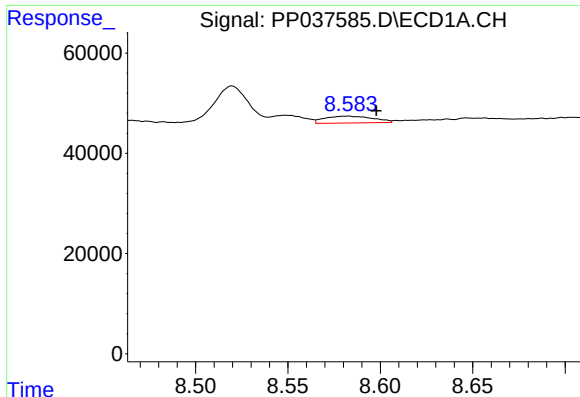
#35 AR-1260-5

R.T.: 9.151 min  
Delta R.T.: -0.007 min  
Response: 29605  
Conc: 6.42 ng/ml



#35 AR-1260-5

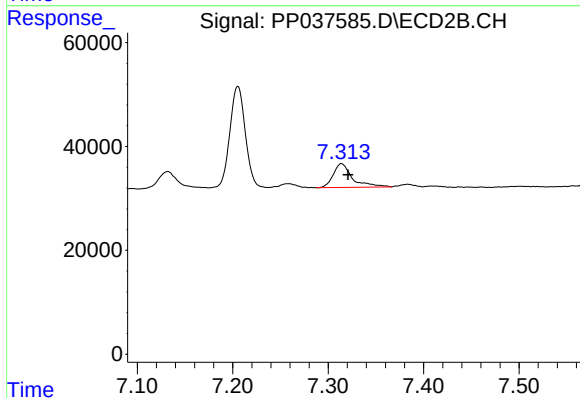
R.T.: 0.000 min  
Exp R.T. : 7.876 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

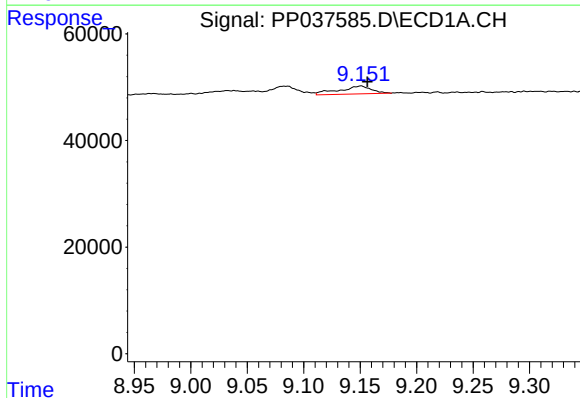
R.T.: 8.582 min  
Delta R.T.: -0.016 min  
Response: 24547  
Conc: 8.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



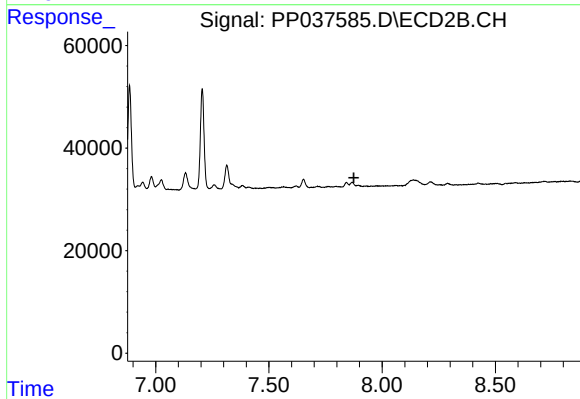
#36 AR-1262-1

R.T.: 7.314 min  
Delta R.T.: -0.007 min  
Response: 64154  
Conc: 61.78 ng/ml



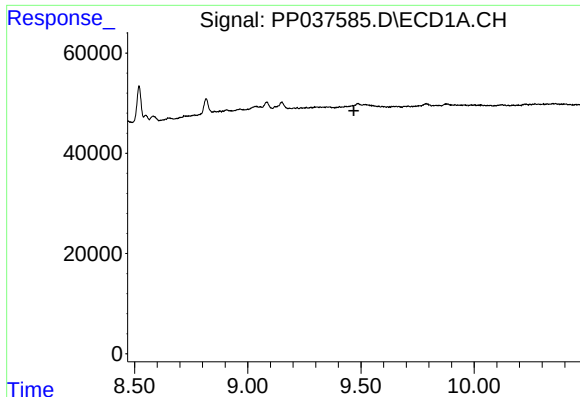
#37 AR-1262-2

R.T.: 9.151 min  
Delta R.T.: -0.006 min  
Response: 29605  
Conc: 5.64 ng/ml



#37 AR-1262-2

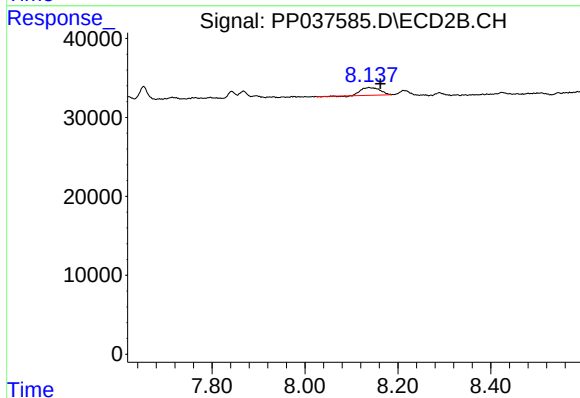
R.T.: 0.000 min  
Exp R.T. : 7.875 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

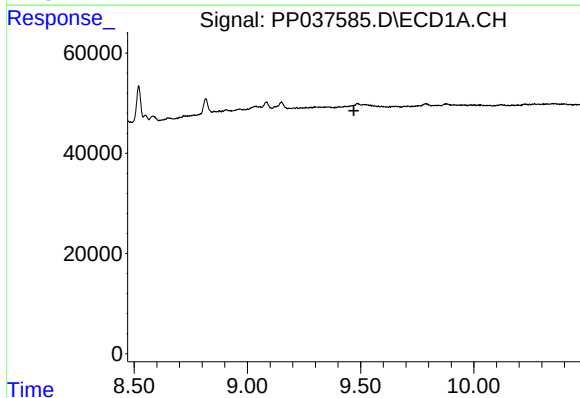
R.T.: 0.000 min  
Exp R.T.: 9.469 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



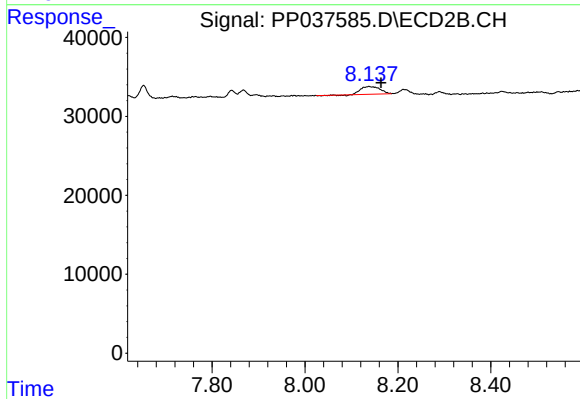
#38 AR-1262-3

R.T.: 8.138 min  
Delta R.T.: -0.024 min  
Response: 27854  
Conc: 19.78 ng/ml



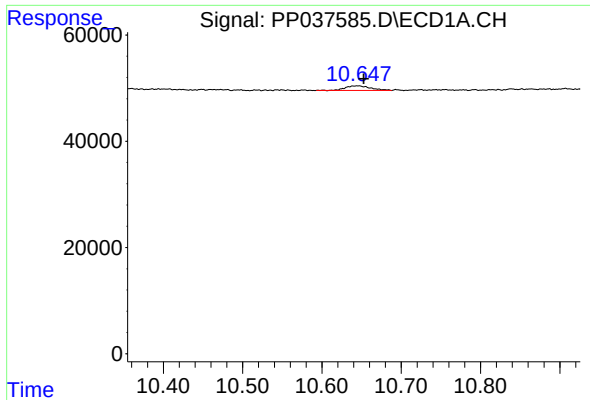
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 9.470 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

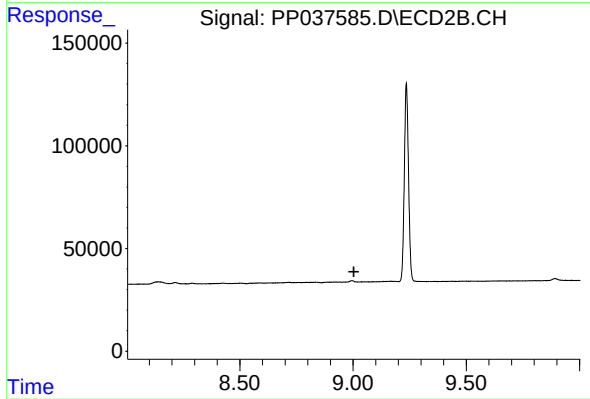
R.T.: 8.138 min  
Delta R.T.: -0.026 min  
Response: 27854  
Conc: 6.99 ng/ml



#45 AR-1268-5

R.T.: 10.646 min  
Delta R.T.: -0.007 min  
Response: 19226  
Conc: 1.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.004 min  
Response: 0  
Conc: N.D.