

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP033125\
 Data File : PP071014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 10:41
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 11:07:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 28 03:13:46 2025
 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...	4.519	3.817	81249444	55506404	55.590	53.544
2)	SA Decachlor...	10.249	8.862	61816211	39785759	58.726	50.477
Target Compounds							
3)	L1 AR-1016-1	5.673	4.905	824735	726198	16.219	18.115
4)	L1 AR-1016-2	5.673	4.922	824735	654632	10.566	11.313
5)	L1 AR-1016-3	5.756	5.101	814169	499560	17.259	16.155
6)	L1 AR-1016-4	5.854	5.142	518296	15885306	14.101	652.216 #
7)	L1 AR-1016-5	6.149	5.357	10482840	9952305	309.118	307.919
8)	L2 AR-1221-1	0.000	3.975f	0	72720	N.D.	4.771 #
9)	L2 AR-1221-2	4.824	4.119	1610340	1093819	124.323	95.645
10)	L2 AR-1221-3	4.885	4.192	315615	309811	7.566	9.088
11)	L3 AR-1232-1	4.885	4.192	315615	309811	9.481	11.070
12)	L3 AR-1232-2	5.410	4.922	956477	654632	60.117	23.329 #
13)	L3 AR-1232-3	5.701	5.101	1233569	499560	35.995	33.551
14)	L3 AR-1232-4	5.854	5.183	518296	5078890	32.997	396.653 #
15)	L3 AR-1232-5	5.946	5.357	17894130	9952305	1681.723	702.113 #
16)	L4 AR-1242-1	5.673	4.905	824735	726198	18.754	21.236
17)	L4 AR-1242-2	5.673	4.922	824735	654632	12.823	13.290
18)	L4 AR-1242-3	5.756	5.101	814169	499560	19.839	18.749
19)	L4 AR-1242-4	5.854	5.183	518296	5078890	16.980	192.541 #
20)	L4 AR-1242-5	6.592	5.709	11463980	35078116	313.992	1133.076 #
21)	L5 AR-1248-1	5.673	4.905	824735	726198	22.728	26.817
22)	L5 AR-1248-2	5.946	5.142	17894130	15885306	398.191	432.577
23)	L5 AR-1248-3	6.149	5.183	10482840	5078890	207.017	131.375 #
24)	L5 AR-1248-4	6.547	5.357	15410727	9952305	240.239	220.472
25)	L5 AR-1248-5	6.592	5.750	11463980	4630701	188.409	108.501 #
26)	L6 AR-1254-1	6.525	5.709	35760553	35078116	555.372	531.343
27)	L6 AR-1254-2	6.741	5.858	55404413	30236879	548.067	529.560
28)	L6 AR-1254-3	7.105	6.262	56099996	46396011	562.531	534.262
29)	L6 AR-1254-4	7.388	6.491	47864381	29293362	552.727	522.159
30)	L6 AR-1254-5	7.804	6.909	45052382	38955224	560.695	539.915
31)	L7 AR-1260-1	7.270	6.393	24159676	23471360	359.772	458.368 #
32)	L7 AR-1260-2	7.523	6.581	31465144	20090204	327.297	314.924
33)	L7 AR-1260-3	7.866	6.733	5409445	18645356	67.687	342.199 #
34)	L7 AR-1260-4	8.092	7.207	17985957	2079368	228.431	43.478 #
35)	L7 AR-1260-5	8.427	7.447	6647633	5015173	41.839	40.279
36)	L8 AR-1262-1	8.092	6.978	17985957	3273528	169.200	38.258 #
37)	L8 AR-1262-2	8.427	7.207	6647633	2079368	33.509	30.371
38)	L8 AR-1262-3	8.757	7.734	4795613	195327	36.402	3.217 #
39)	L8 AR-1262-4	8.802	7.791	1047115	4280021	10.951	43.056 #
40)	L8 AR-1262-5	0.000	8.302	0	527869	N.D.	11.262 #
41)	L9 AR-1268-1	8.757	7.734	4795613	195327	20.363	1.140 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP033125\
Data File : PP071014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 10:41
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

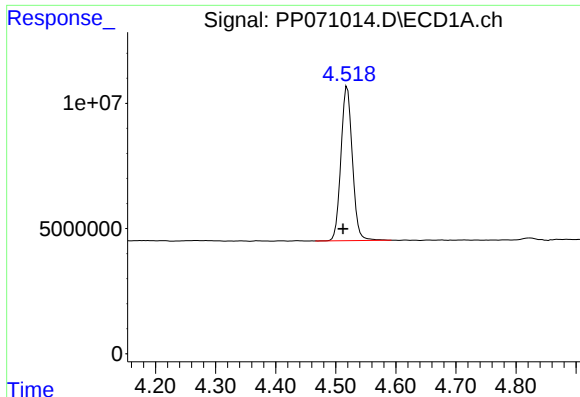
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 11:07:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
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
42)	L9 AR-1268-2	8.802	7.791	1047115	4280021	5.361	29.871 #
43)	L9 AR-1268-3	0.000	8.007	0	128509	N.D.	1.044 #
44)	L9 AR-1268-4	0.000	8.302	0	527869	N.D.	9.995 #
45)	L9 AR-1268-5	0.000	8.599	0	462470	N.D.	1.278 #

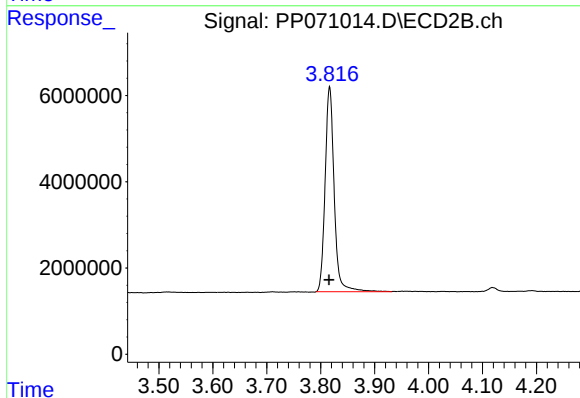
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

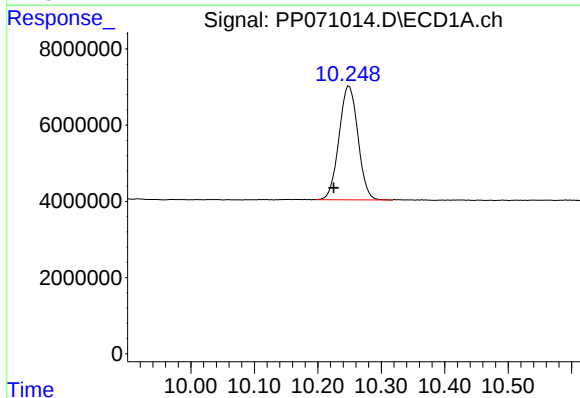
R.T.: 4.519 min
Delta R.T.: 0.007 min
Response: 81249444
Conc: 55.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



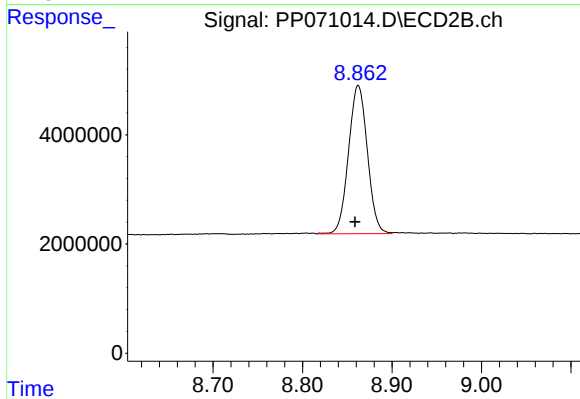
#1 Tetrachloro-m-xylene

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 55506404
Conc: 53.54 ng/ml



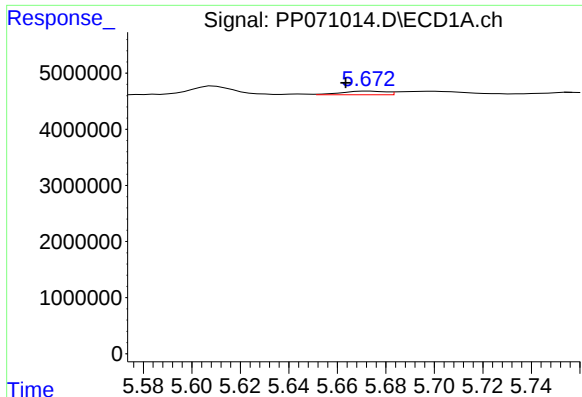
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: 0.024 min
Response: 61816211
Conc: 58.73 ng/ml



#2 Decachlorobiphenyl

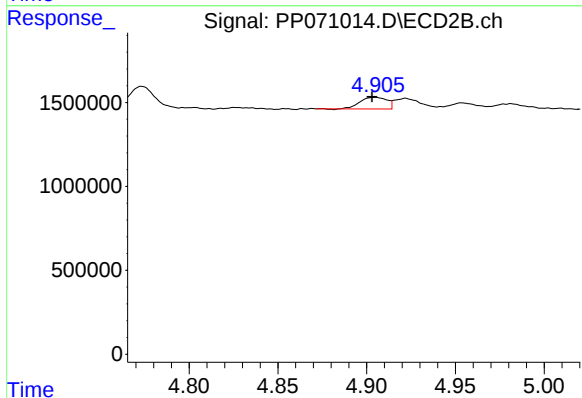
R.T.: 8.862 min
Delta R.T.: 0.003 min
Response: 39785759
Conc: 50.48 ng/ml



#3 AR-1016-1

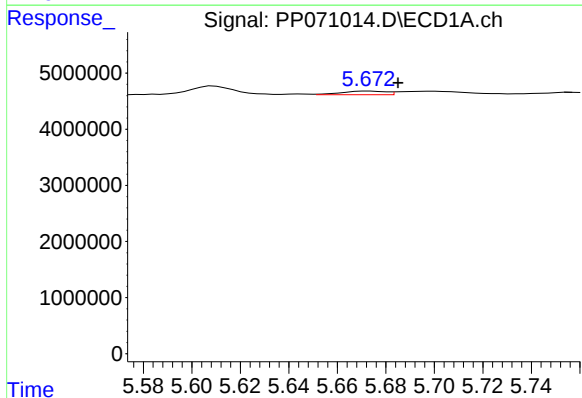
R.T.: 5.673 min
Delta R.T.: 0.010 min
Response: 824735
Conc: 16.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



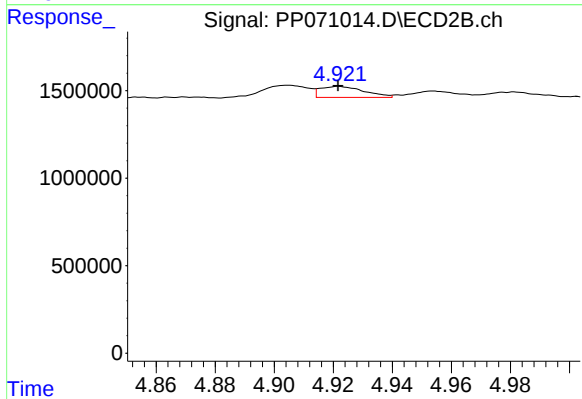
#3 AR-1016-1

R.T.: 4.905 min
Delta R.T.: 0.001 min
Response: 726198
Conc: 18.12 ng/ml



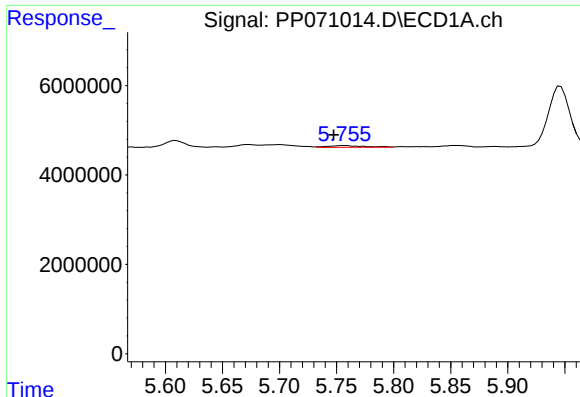
#4 AR-1016-2

R.T.: 5.673 min
Delta R.T.: -0.012 min
Response: 824735
Conc: 10.57 ng/ml



#4 AR-1016-2

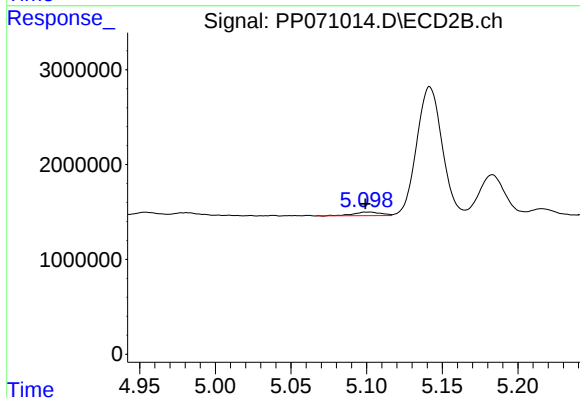
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 654632
Conc: 11.31 ng/ml



#5 AR-1016-3

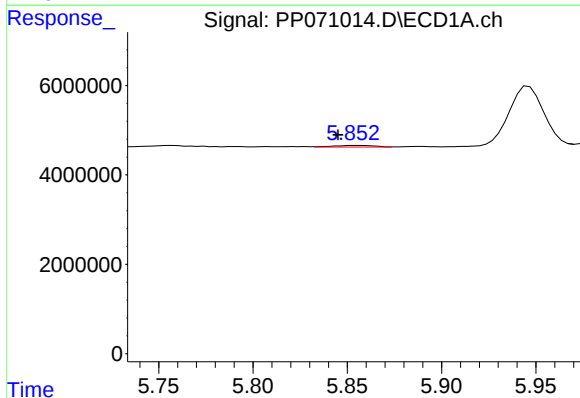
R.T.: 5.756 min
Delta R.T.: 0.009 min
Response: 814169
Conc: 17.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



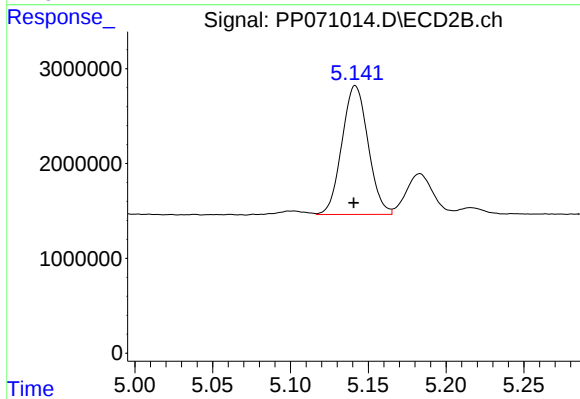
#5 AR-1016-3

R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 499560
Conc: 16.15 ng/ml



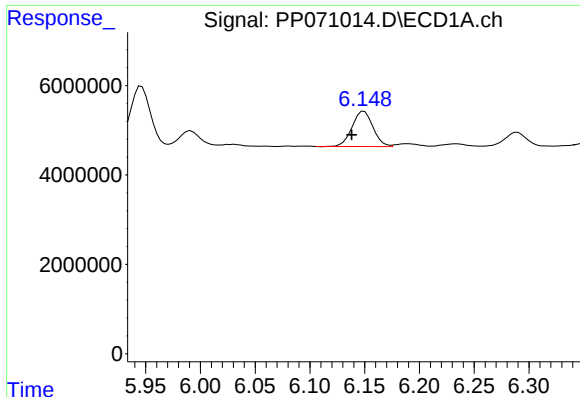
#6 AR-1016-4

R.T.: 5.854 min
Delta R.T.: 0.009 min
Response: 518296
Conc: 14.10 ng/ml



#6 AR-1016-4

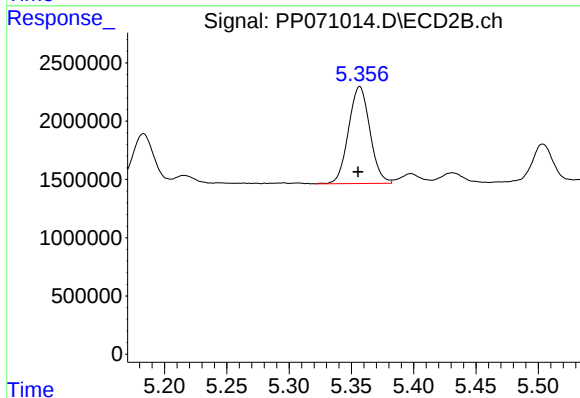
R.T.: 5.142 min
Delta R.T.: 0.001 min
Response: 15885306
Conc: 652.22 ng/ml



#7 AR-1016-5

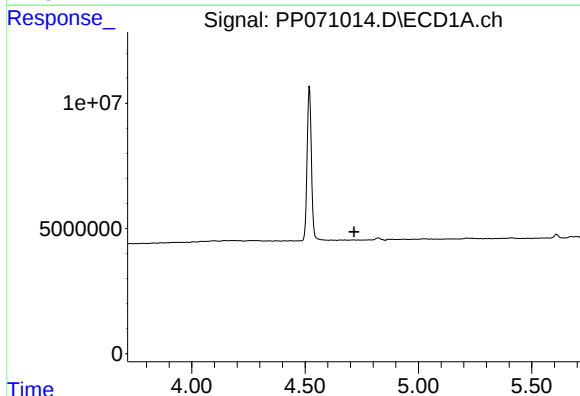
R.T.: 6.149 min
Delta R.T.: 0.011 min
Response: 10482840
Conc: 309.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



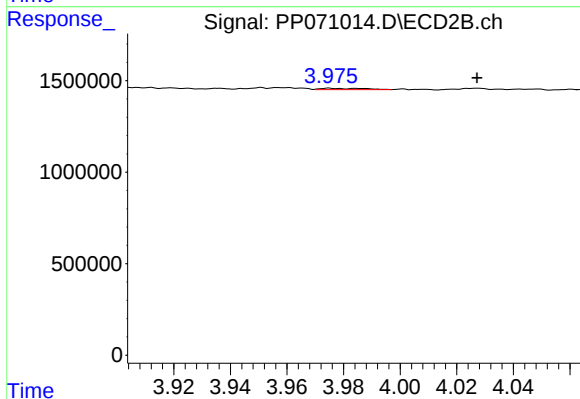
#7 AR-1016-5

R.T.: 5.357 min
Delta R.T.: 0.001 min
Response: 9952305
Conc: 307.92 ng/ml



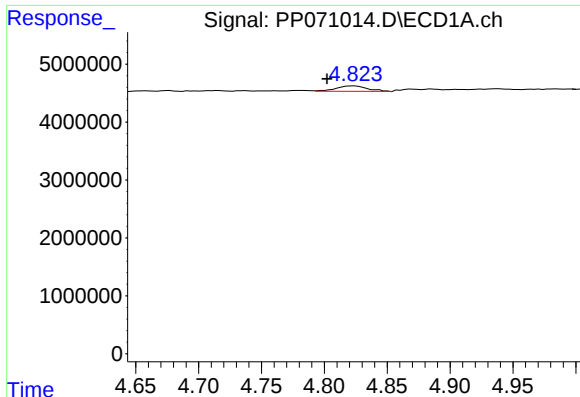
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#8 AR-1221-1

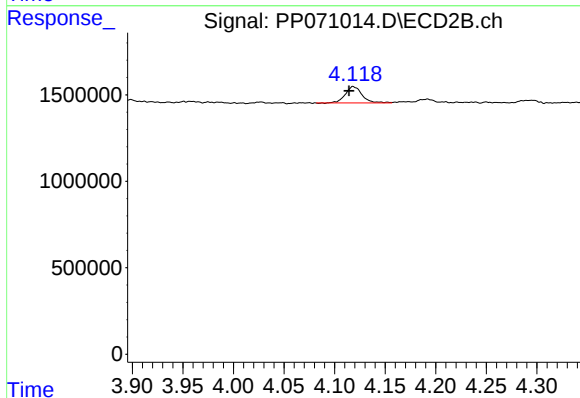
R.T.: 3.975 min
Delta R.T.: -0.052 min
Response: 72720
Conc: 4.77 ng/ml



#9 AR-1221-2

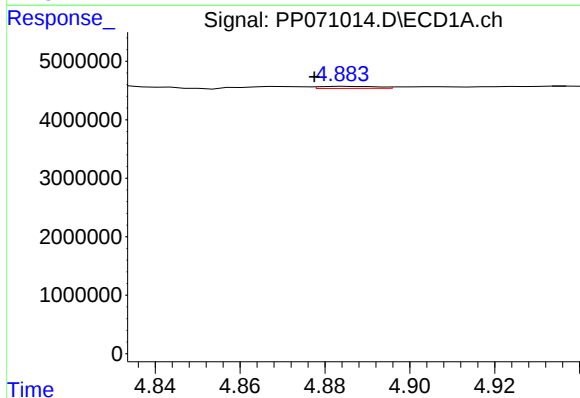
R.T.: 4.824 min
Delta R.T.: 0.022 min
Response: 1610340
Conc: 124.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



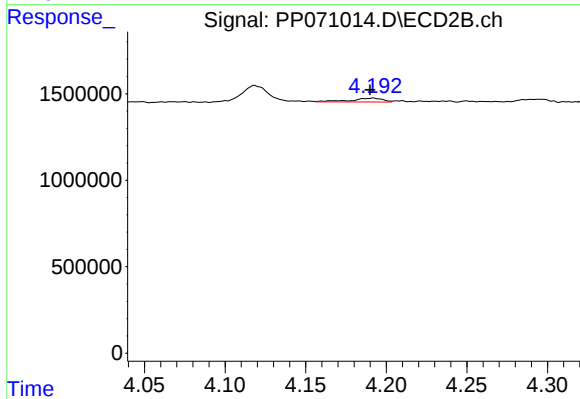
#9 AR-1221-2

R.T.: 4.119 min
Delta R.T.: 0.004 min
Response: 1093819
Conc: 95.64 ng/ml



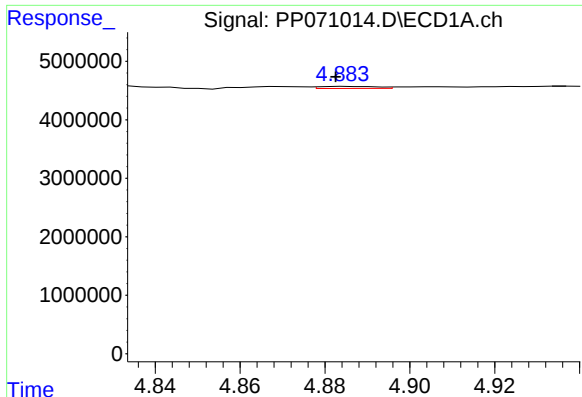
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: 0.007 min
Response: 315615
Conc: 7.57 ng/ml



#10 AR-1221-3

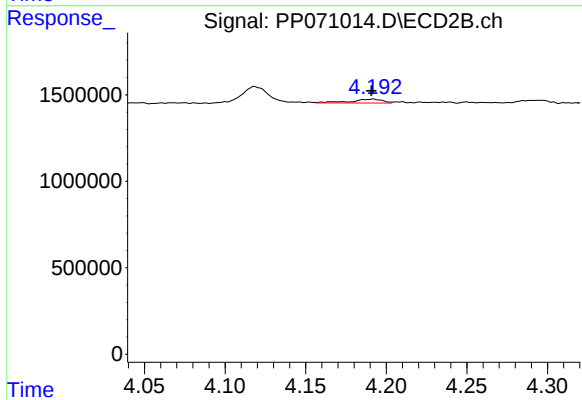
R.T.: 4.192 min
Delta R.T.: 0.002 min
Response: 309811
Conc: 9.09 ng/ml



#11 AR-1232-1

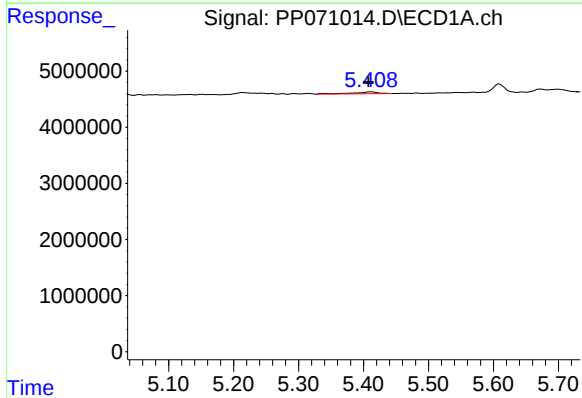
R.T.: 4.885 min
Delta R.T.: 0.002 min
Response: 315615
Conc: 9.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



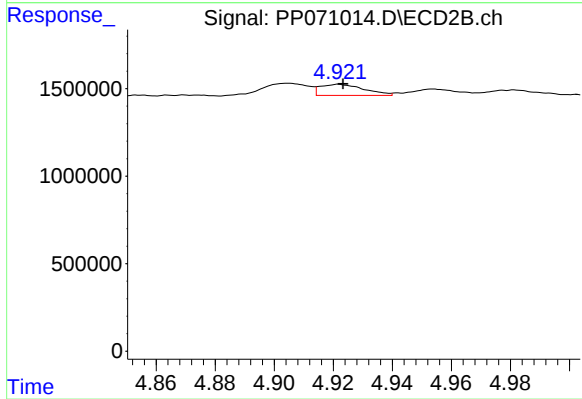
#11 AR-1232-1

R.T.: 4.192 min
Delta R.T.: 0.000 min
Response: 309811
Conc: 11.07 ng/ml



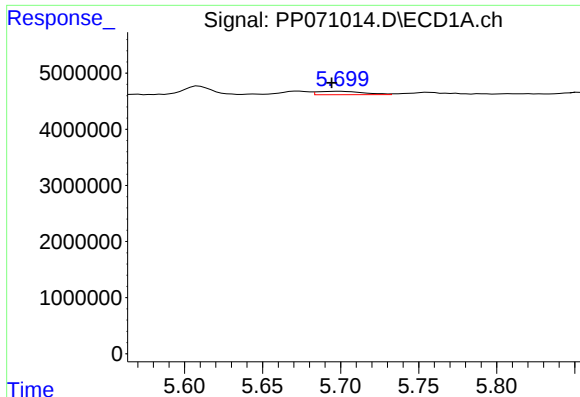
#12 AR-1232-2

R.T.: 5.410 min
Delta R.T.: 0.003 min
Response: 956477
Conc: 60.12 ng/ml



#12 AR-1232-2

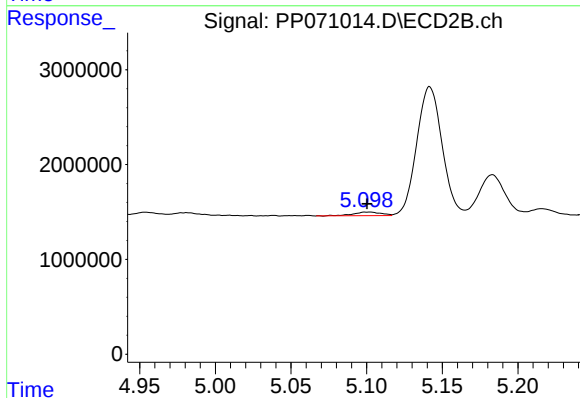
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 654632
Conc: 23.33 ng/ml



#13 AR-1232-3

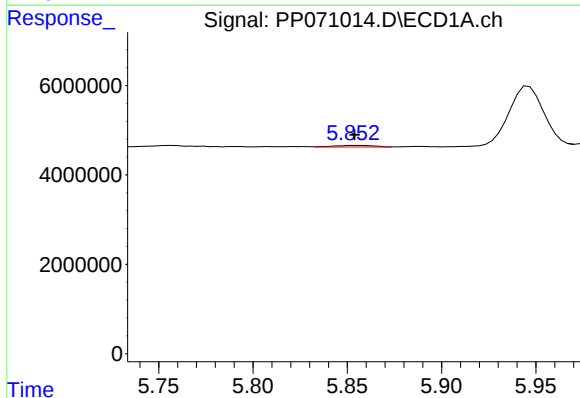
R.T.: 5.701 min
Delta R.T.: 0.006 min
Response: 1233569
Conc: 36.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



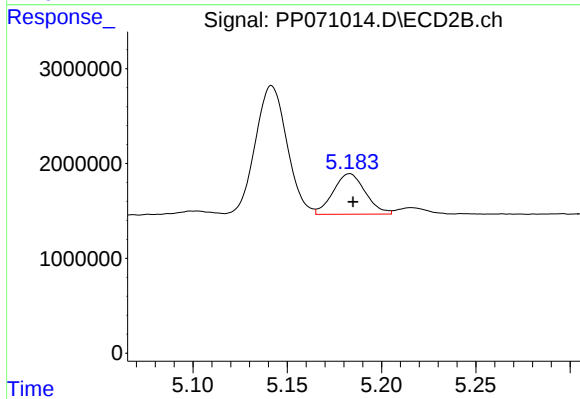
#13 AR-1232-3

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 499560
Conc: 33.55 ng/ml



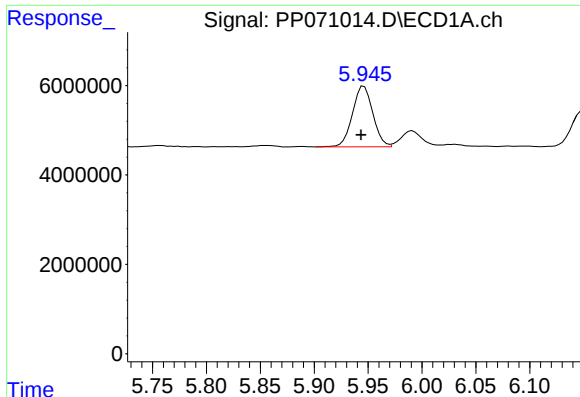
#14 AR-1232-4

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 518296
Conc: 33.00 ng/ml



#14 AR-1232-4

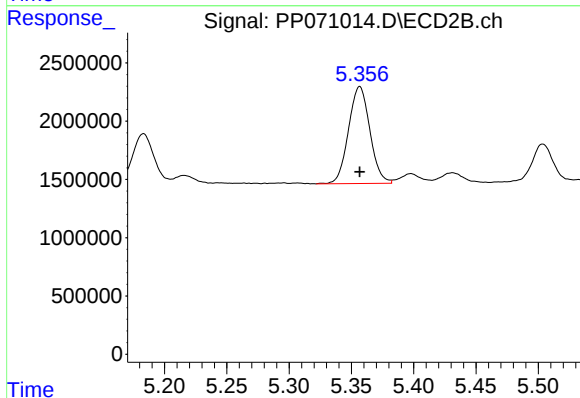
R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 5078890
Conc: 396.65 ng/ml



#15 AR-1232-5

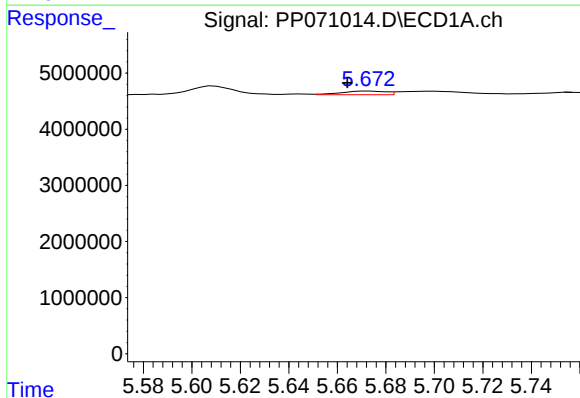
R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 17894130
Conc: 1681.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



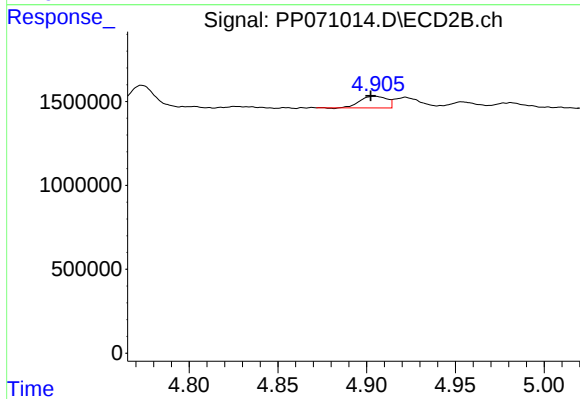
#15 AR-1232-5

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 9952305
Conc: 702.11 ng/ml



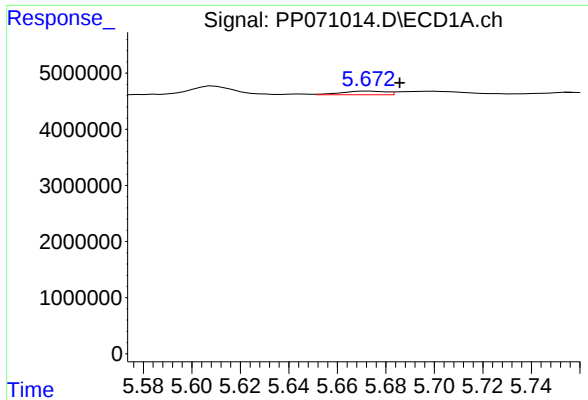
#16 AR-1242-1

R.T.: 5.673 min
Delta R.T.: 0.009 min
Response: 824735
Conc: 18.75 ng/ml



#16 AR-1242-1

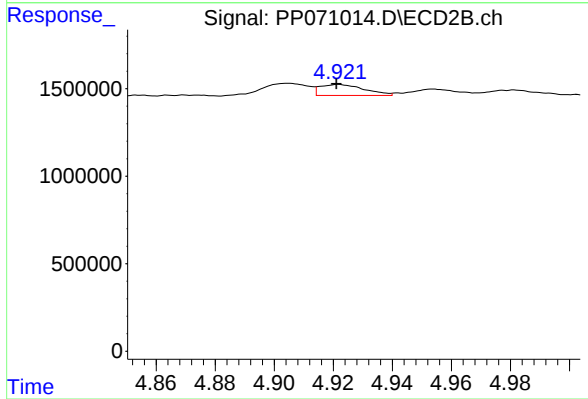
R.T.: 4.905 min
Delta R.T.: 0.002 min
Response: 726198
Conc: 21.24 ng/ml



#17 AR-1242-2

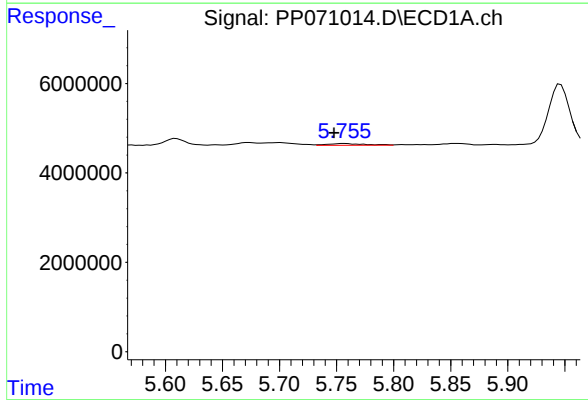
R.T.: 5.673 min
Delta R.T.: -0.013 min
Response: 824735
Conc: 12.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



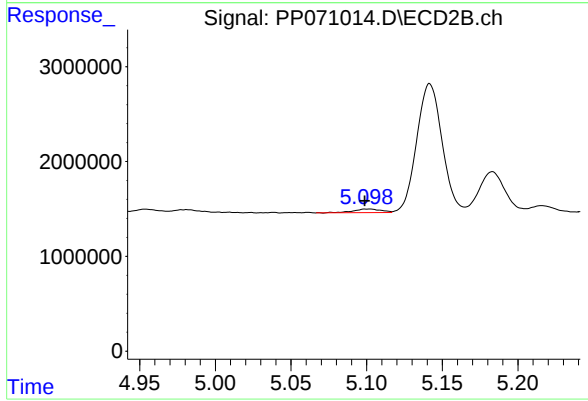
#17 AR-1242-2

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 654632
Conc: 13.29 ng/ml



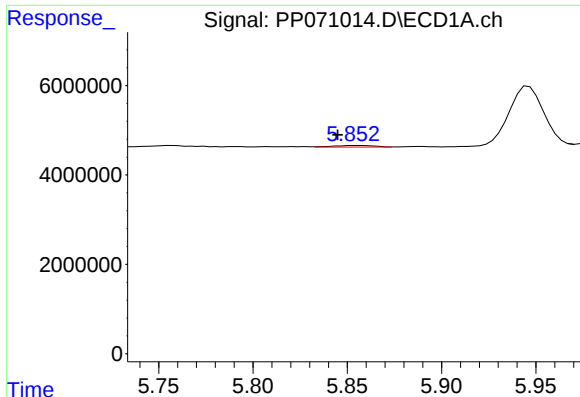
#18 AR-1242-3

R.T.: 5.756 min
Delta R.T.: 0.008 min
Response: 814169
Conc: 19.84 ng/ml



#18 AR-1242-3

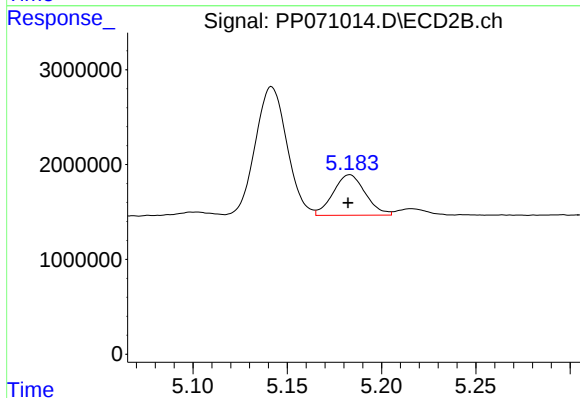
R.T.: 5.101 min
Delta R.T.: 0.002 min
Response: 499560
Conc: 18.75 ng/ml



#19 AR-1242-4

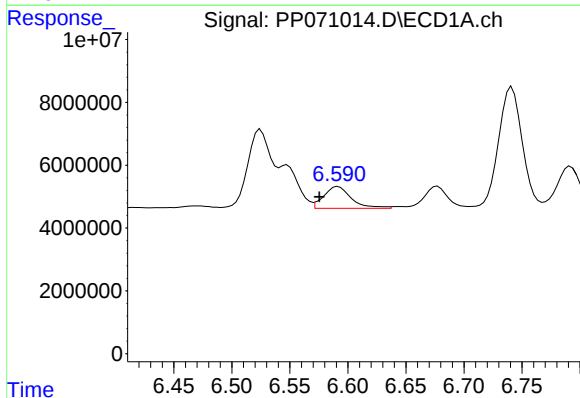
R.T.: 5.854 min
Delta R.T.: 0.009 min
Response: 518296
Conc: 16.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



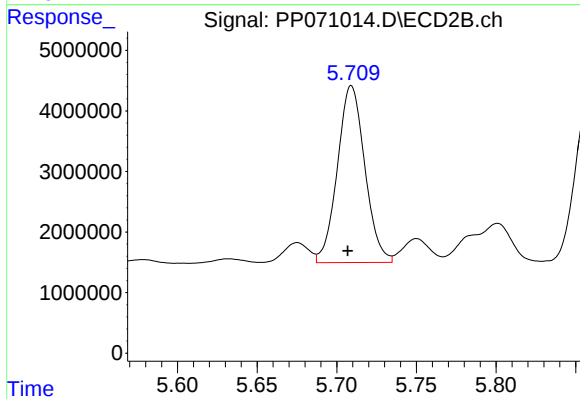
#19 AR-1242-4

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 5078890
Conc: 192.54 ng/ml



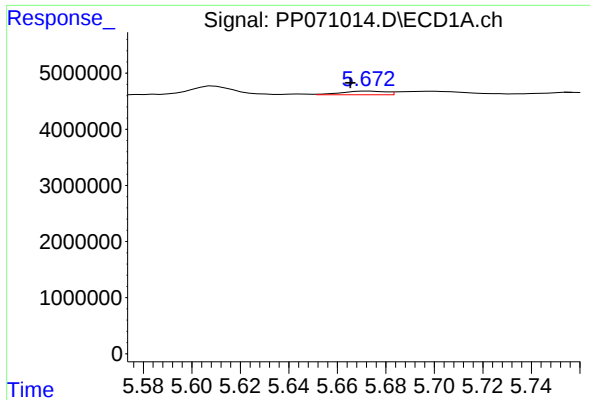
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: 0.016 min
Response: 11463980
Conc: 313.99 ng/ml



#20 AR-1242-5

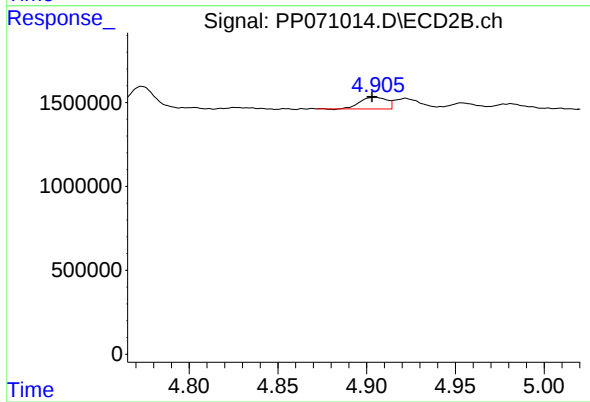
R.T.: 5.709 min
Delta R.T.: 0.002 min
Response: 35078116
Conc: 1133.08 ng/ml



#21 AR-1248-1

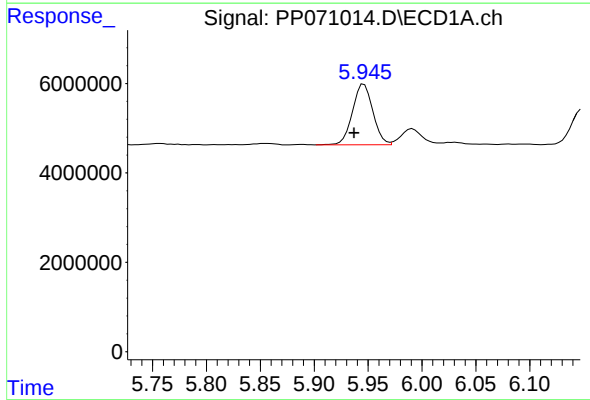
R.T.: 5.673 min
Delta R.T.: 0.008 min
Response: 824735
Conc: 22.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



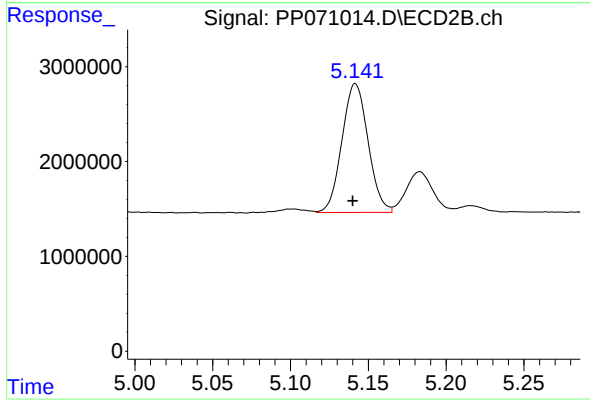
#21 AR-1248-1

R.T.: 4.905 min
Delta R.T.: 0.002 min
Response: 726198
Conc: 26.82 ng/ml



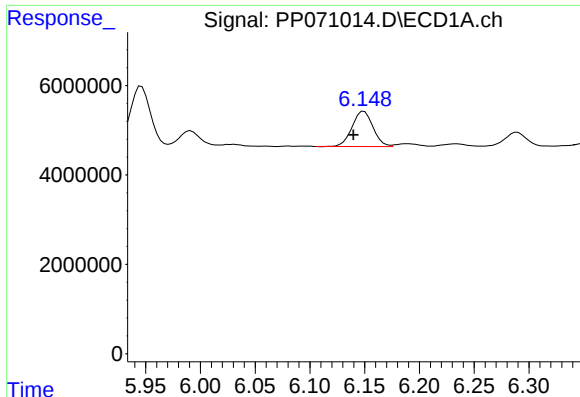
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: 0.009 min
Response: 17894130
Conc: 398.19 ng/ml



#22 AR-1248-2

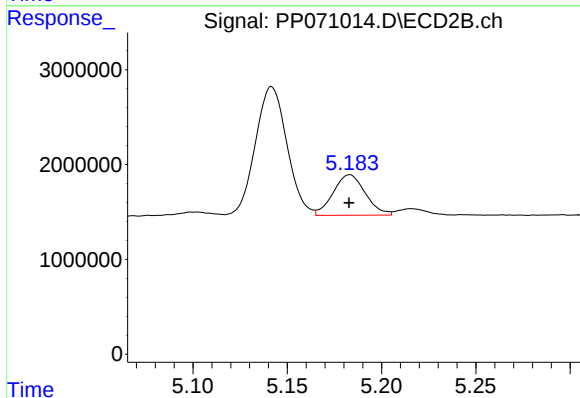
R.T.: 5.142 min
Delta R.T.: 0.002 min
Response: 15885306
Conc: 432.58 ng/ml



#23 AR-1248-3

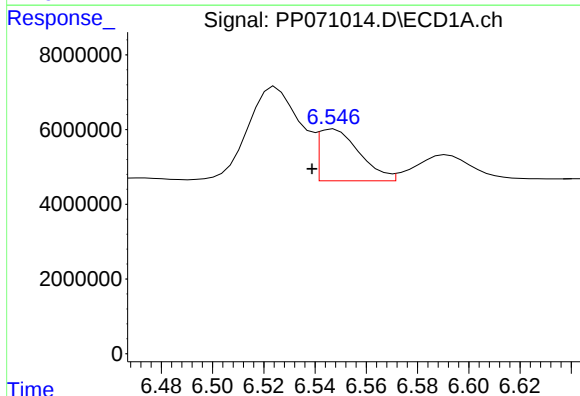
R.T.: 6.149 min
Delta R.T.: 0.010 min
Response: 10482840
Conc: 207.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



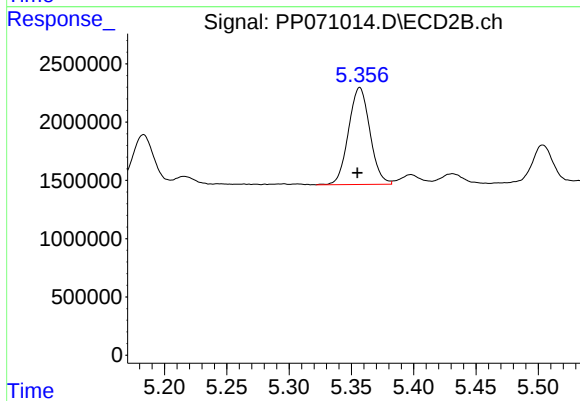
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 5078890
Conc: 131.38 ng/ml



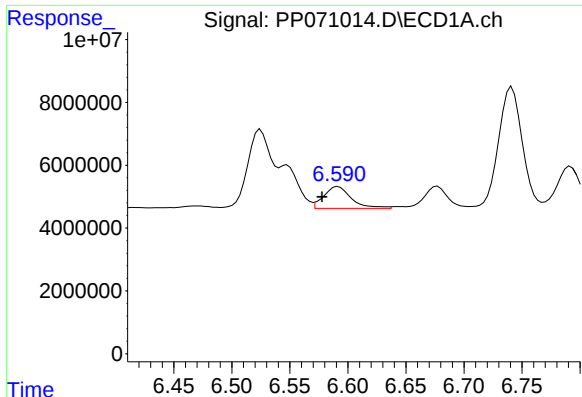
#24 AR-1248-4

R.T.: 6.547 min
Delta R.T.: 0.009 min
Response: 15410727
Conc: 240.24 ng/ml



#24 AR-1248-4

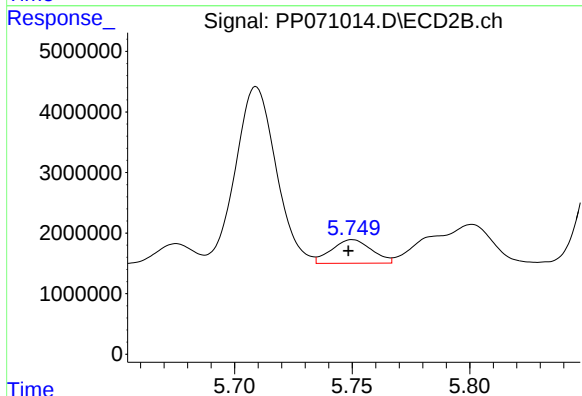
R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 9952305
Conc: 220.47 ng/ml



#25 AR-1248-5

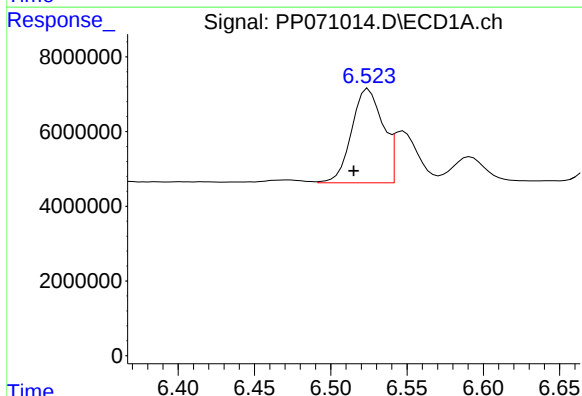
R.T.: 6.592 min
Delta R.T.: 0.014 min
Response: 11463980
Conc: 188.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



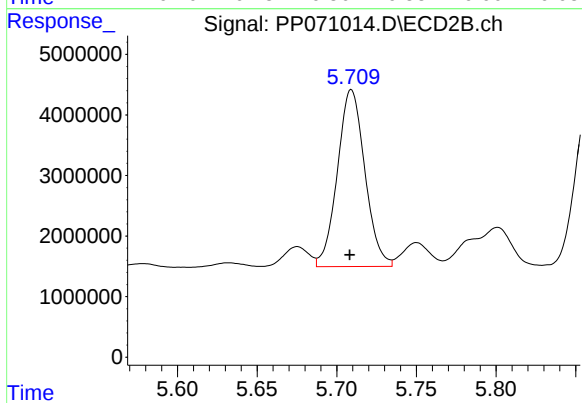
#25 AR-1248-5

R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 4630701
Conc: 108.50 ng/ml



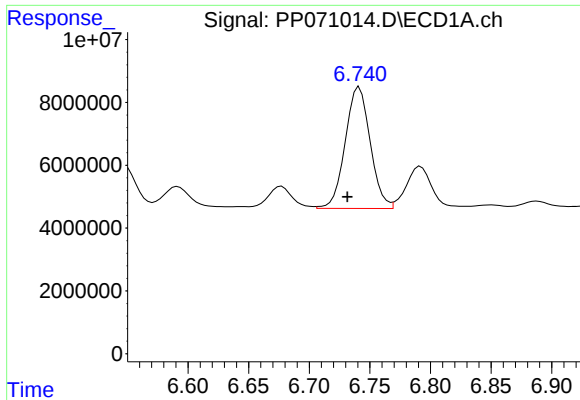
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: 0.010 min
Response: 35760553
Conc: 555.37 ng/ml



#26 AR-1254-1

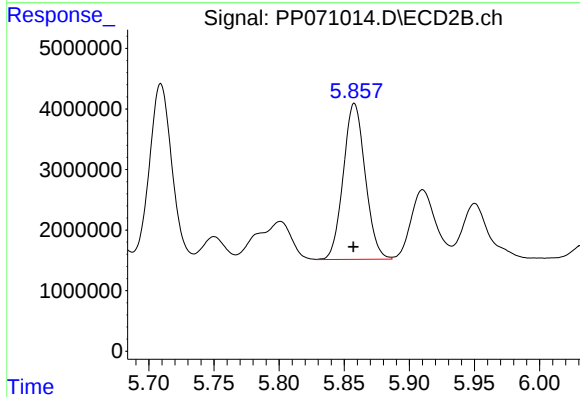
R.T.: 5.709 min
Delta R.T.: 0.001 min
Response: 35078116
Conc: 531.34 ng/ml



#27 AR-1254-2

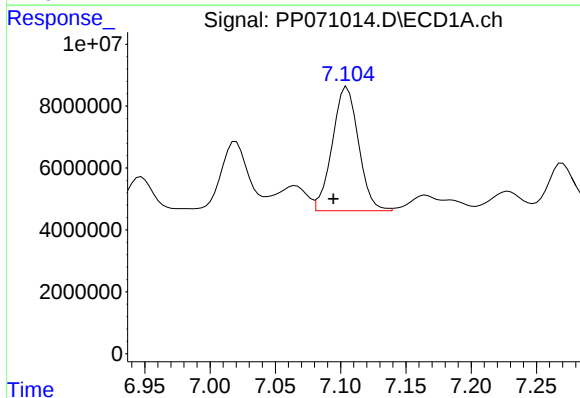
R.T.: 6.741 min
Delta R.T.: 0.010 min
Response: 55404413
Conc: 548.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



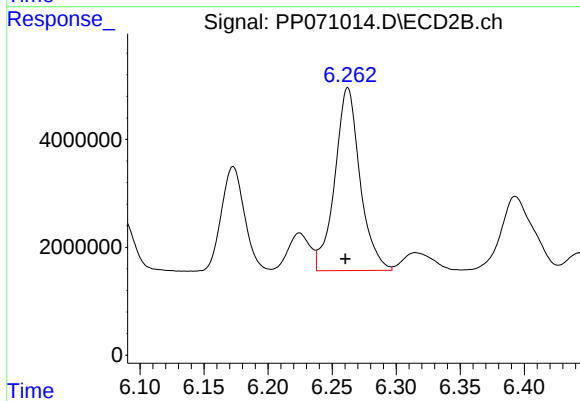
#27 AR-1254-2

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 30236879
Conc: 529.56 ng/ml



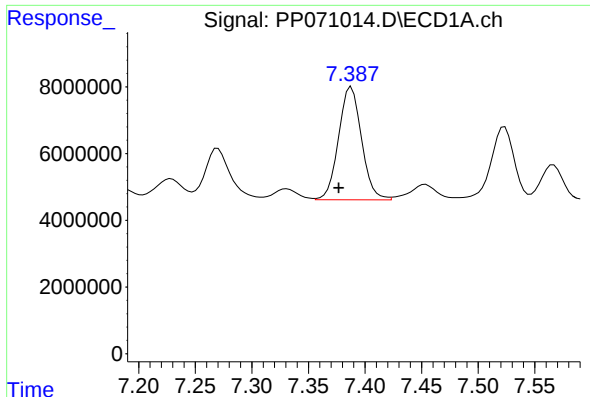
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: 0.010 min
Response: 56099996
Conc: 562.53 ng/ml



#28 AR-1254-3

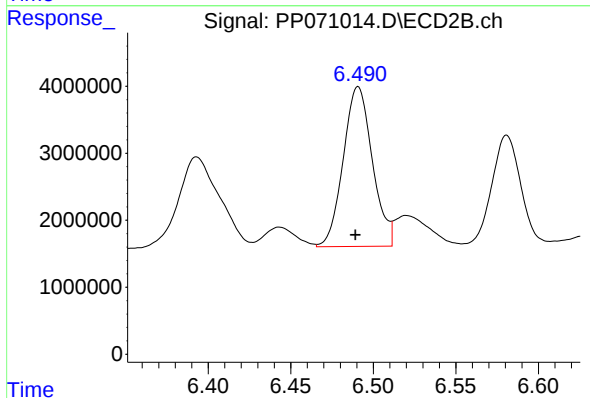
R.T.: 6.262 min
Delta R.T.: 0.002 min
Response: 46396011
Conc: 534.26 ng/ml



#29 AR-1254-4

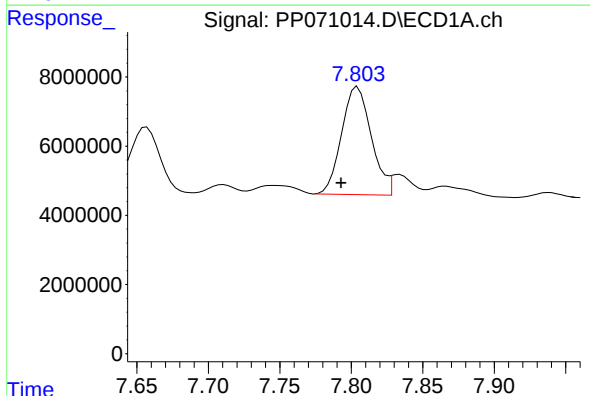
R.T.: 7.388 min
Delta R.T.: 0.011 min
Response: 47864381
Conc: 552.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



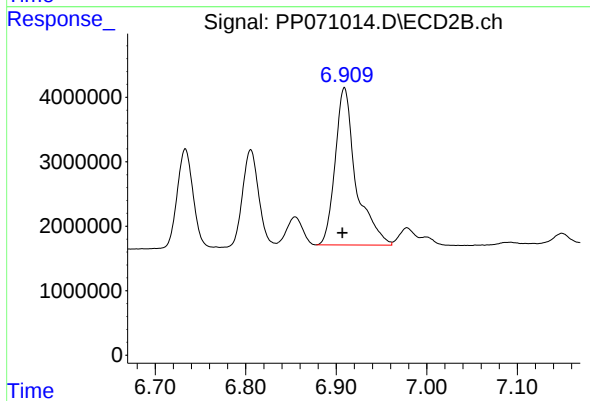
#29 AR-1254-4

R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 29293362
Conc: 522.16 ng/ml



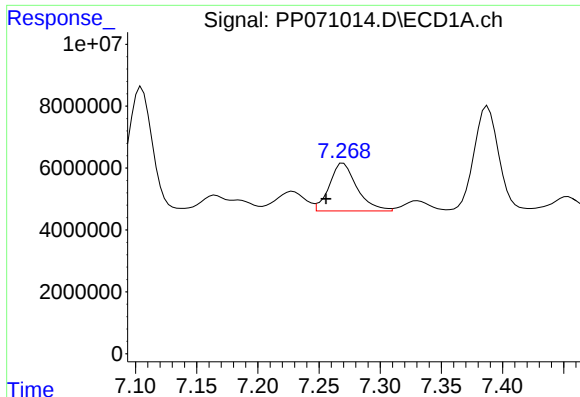
#30 AR-1254-5

R.T.: 7.804 min
Delta R.T.: 0.012 min
Response: 45052382
Conc: 560.69 ng/ml



#30 AR-1254-5

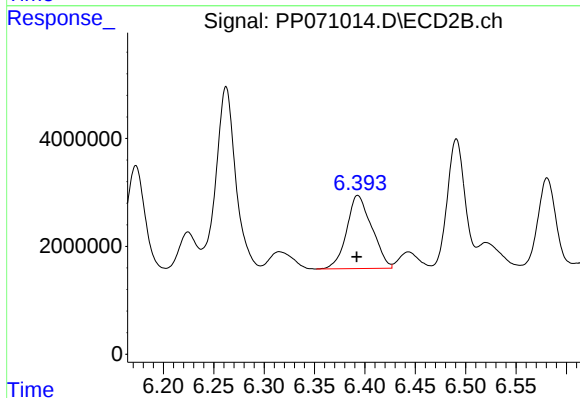
R.T.: 6.909 min
Delta R.T.: 0.002 min
Response: 38955224
Conc: 539.92 ng/ml



#31 AR-1260-1

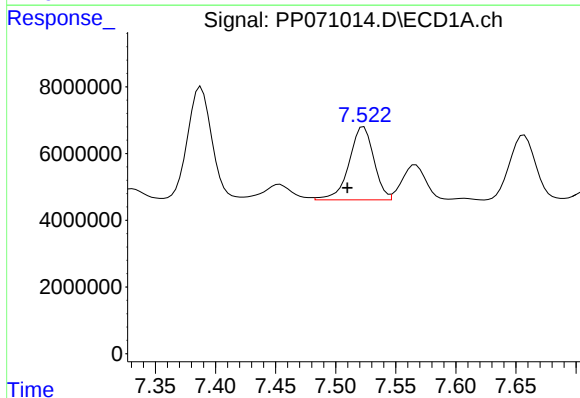
R.T.: 7.270 min
Delta R.T.: 0.014 min
Response: 24159676
Conc: 359.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



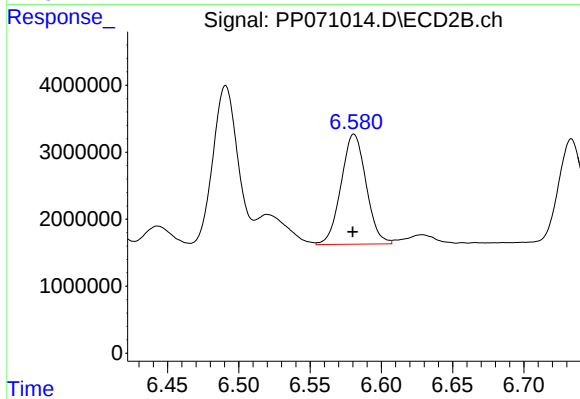
#31 AR-1260-1

R.T.: 6.393 min
Delta R.T.: 0.001 min
Response: 23471360
Conc: 458.37 ng/ml



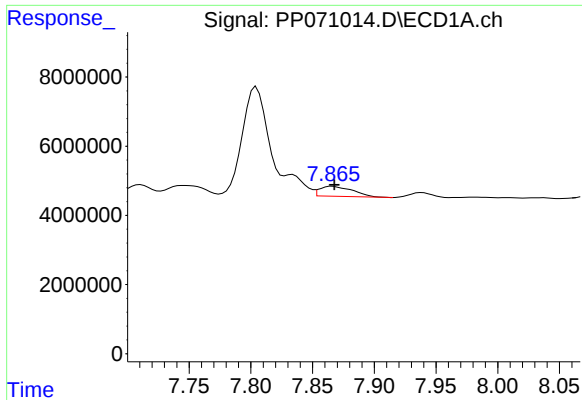
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: 0.014 min
Response: 31465144
Conc: 327.30 ng/ml



#32 AR-1260-2

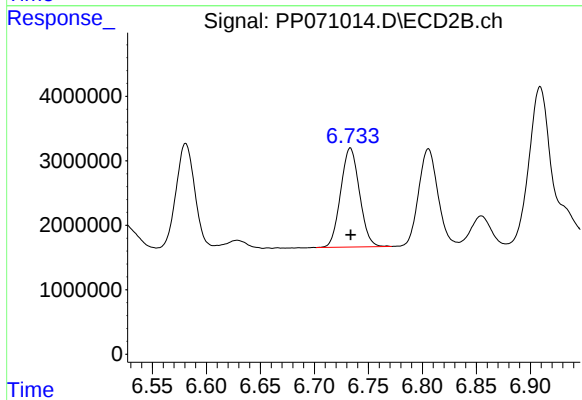
R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 20090204
Conc: 314.92 ng/ml



#33 AR-1260-3

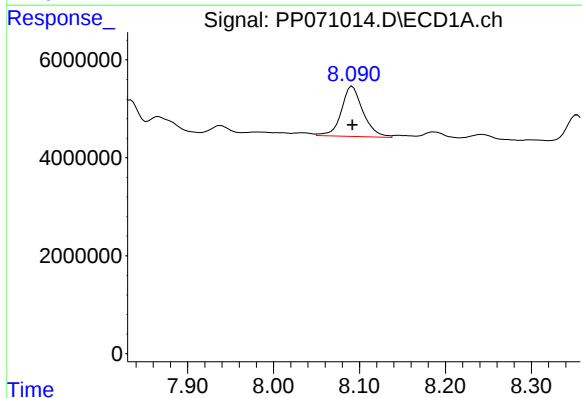
R.T.: 7.866 min
Delta R.T.: -0.002 min
Response: 5409445
Conc: 67.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



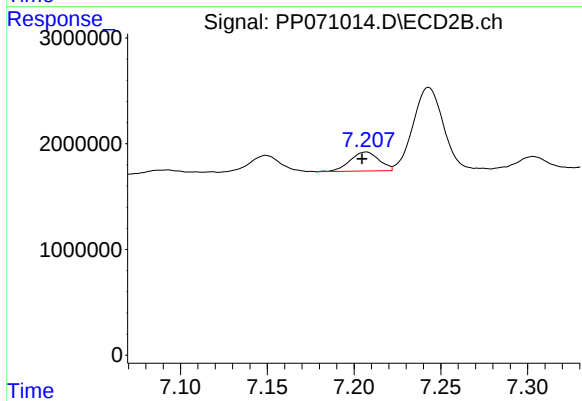
#33 AR-1260-3

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 18645356
Conc: 342.20 ng/ml



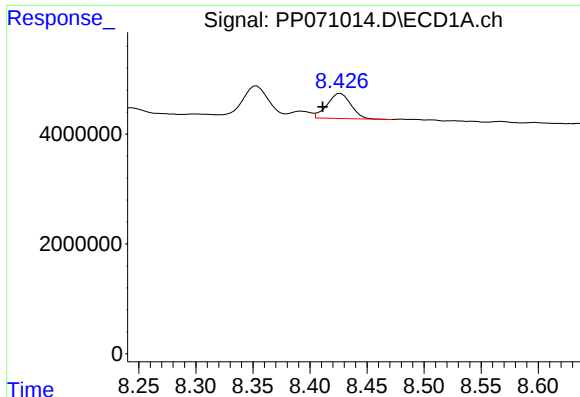
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: 0.000 min
Response: 17985957
Conc: 228.43 ng/ml



#34 AR-1260-4

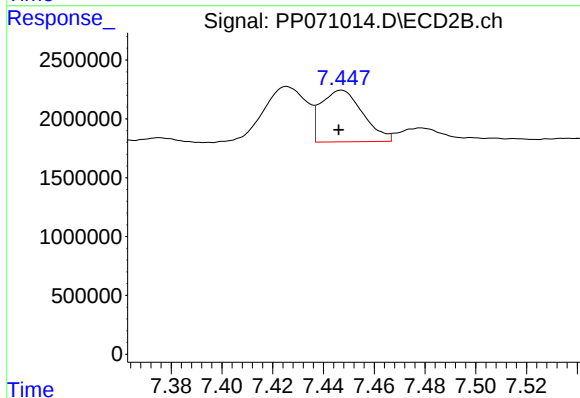
R.T.: 7.207 min
Delta R.T.: 0.002 min
Response: 2079368
Conc: 43.48 ng/ml



#35 AR-1260-5

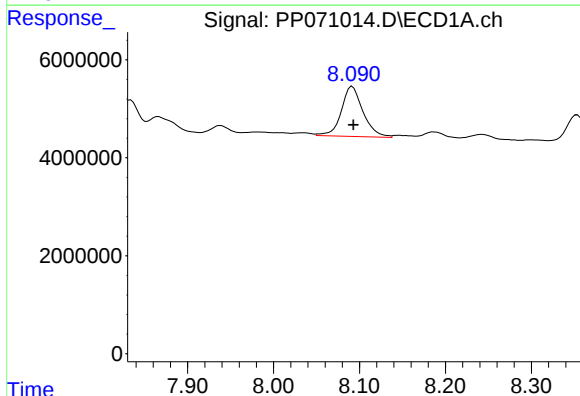
R.T.: 8.427 min
Delta R.T.: 0.016 min
Response: 6647633
Conc: 41.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



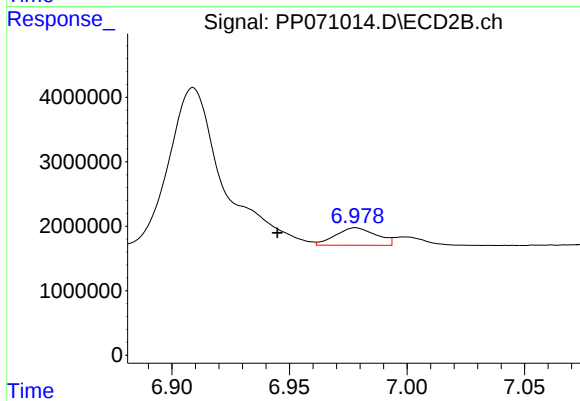
#35 AR-1260-5

R.T.: 7.447 min
Delta R.T.: 0.001 min
Response: 5015173
Conc: 40.28 ng/ml



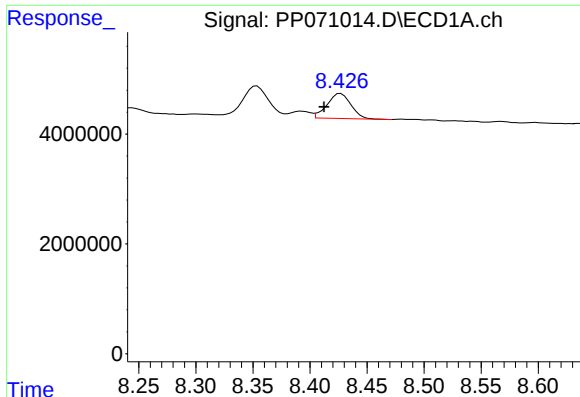
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.001 min
Response: 17985957
Conc: 169.20 ng/ml



#36 AR-1262-1

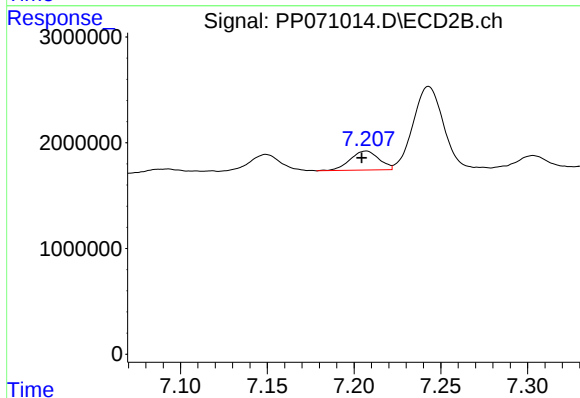
R.T.: 6.978 min
Delta R.T.: 0.033 min
Response: 3273528
Conc: 38.26 ng/ml



#37 AR-1262-2

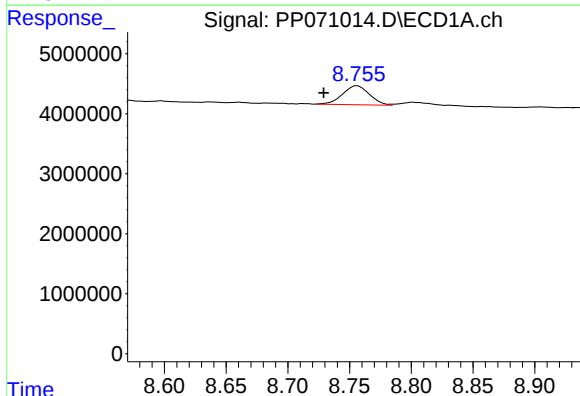
R.T.: 8.427 min
Delta R.T.: 0.014 min
Response: 6647633
Conc: 33.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



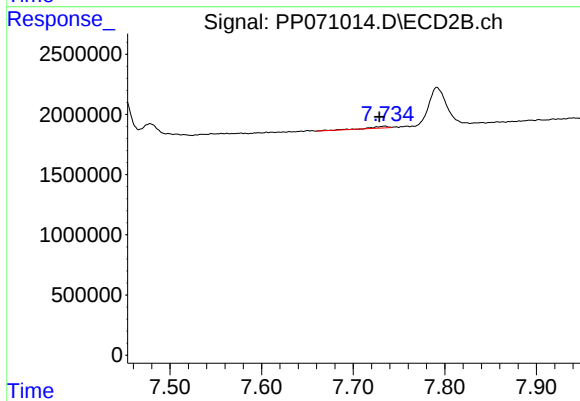
#37 AR-1262-2

R.T.: 7.207 min
Delta R.T.: 0.002 min
Response: 2079368
Conc: 30.37 ng/ml



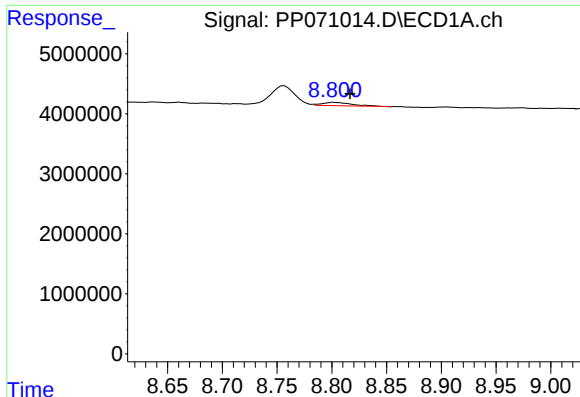
#38 AR-1262-3

R.T.: 8.757 min
Delta R.T.: 0.027 min
Response: 4795613
Conc: 36.40 ng/ml



#38 AR-1262-3

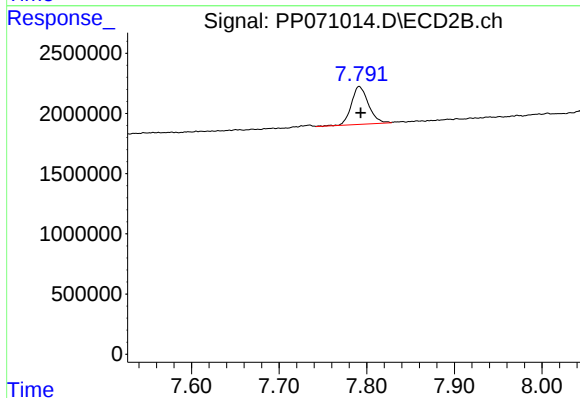
R.T.: 7.734 min
Delta R.T.: 0.006 min
Response: 195327
Conc: 3.22 ng/ml



#39 AR-1262-4

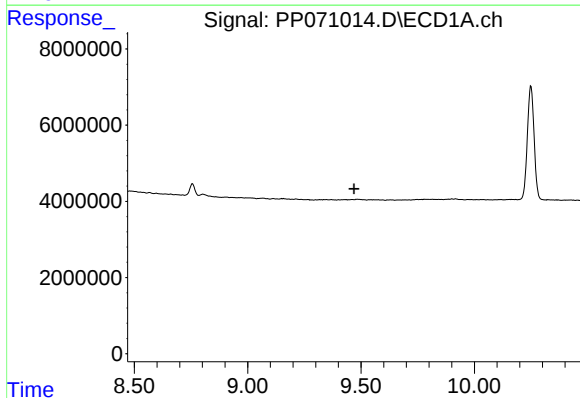
R.T.: 8.802 min
Delta R.T.: -0.014 min
Response: 1047115
Conc: 10.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



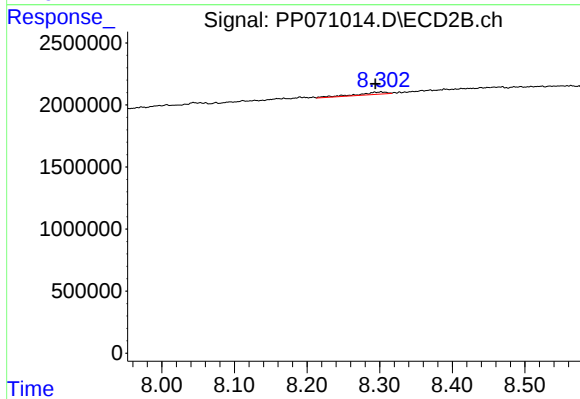
#39 AR-1262-4

R.T.: 7.791 min
Delta R.T.: -0.001 min
Response: 4280021
Conc: 43.06 ng/ml



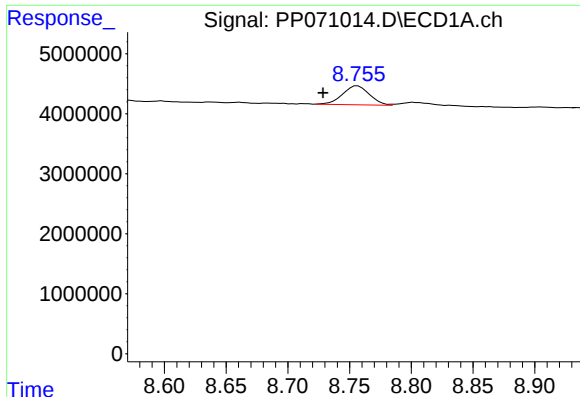
#40 AR-1262-5

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



#40 AR-1262-5

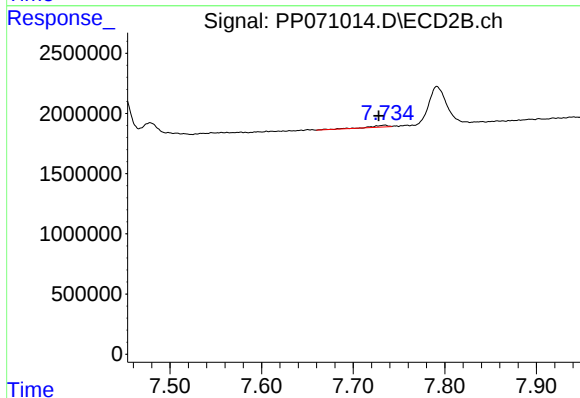
R.T.: 8.302 min
Delta R.T.: 0.008 min
Response: 527869
Conc: 11.26 ng/ml



#41 AR-1268-1

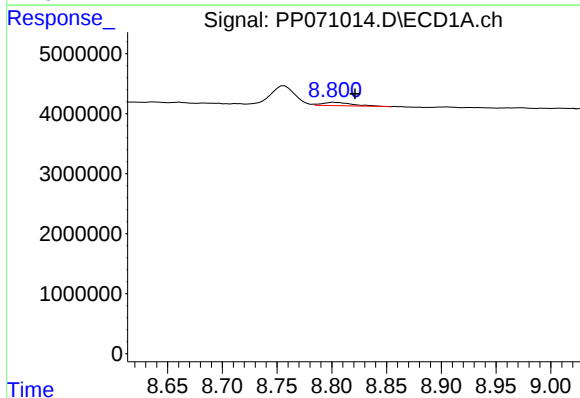
R.T.: 8.757 min
Delta R.T.: 0.028 min
Response: 4795613
Conc: 20.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



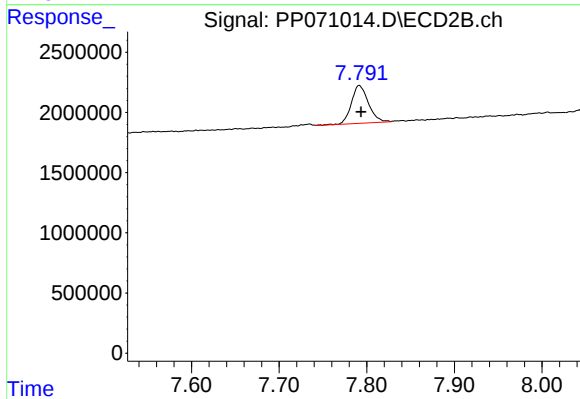
#41 AR-1268-1

R.T.: 7.734 min
Delta R.T.: 0.007 min
Response: 195327
Conc: 1.14 ng/ml



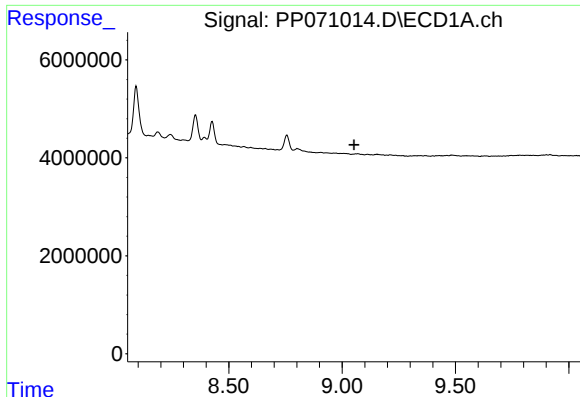
#42 AR-1268-2

R.T.: 8.802 min
Delta R.T.: -0.019 min
Response: 1047115
Conc: 5.36 ng/ml



#42 AR-1268-2

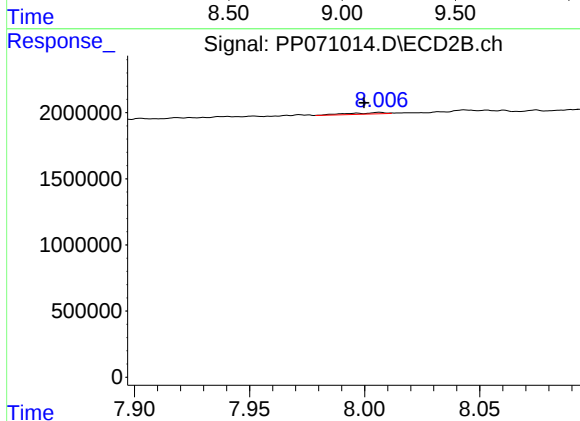
R.T.: 7.791 min
Delta R.T.: -0.002 min
Response: 4280021
Conc: 29.87 ng/ml



#43 AR-1268-3

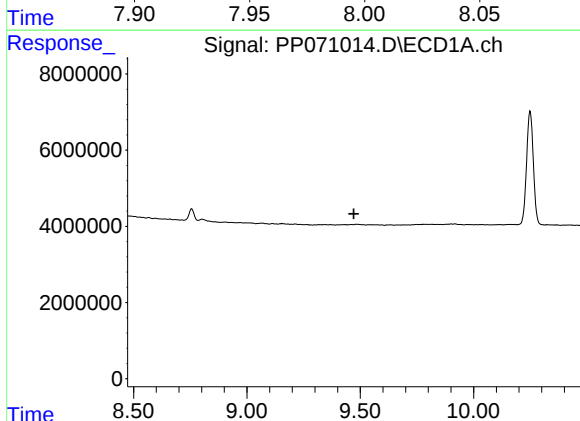
R.T.: 0.000 min
Exp R.T.: 9.053 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



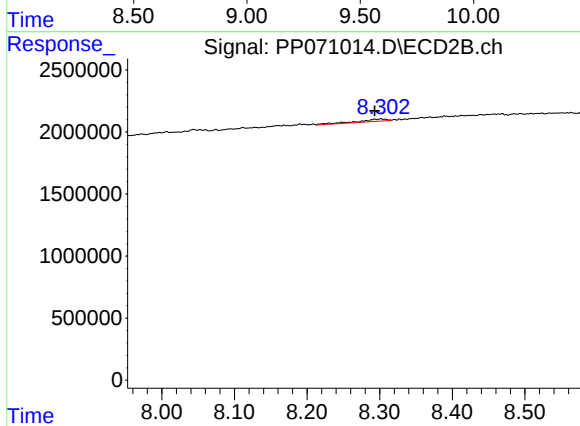
#43 AR-1268-3

R.T.: 8.007 min
Delta R.T.: 0.007 min
Response: 128509
Conc: 1.04 ng/ml



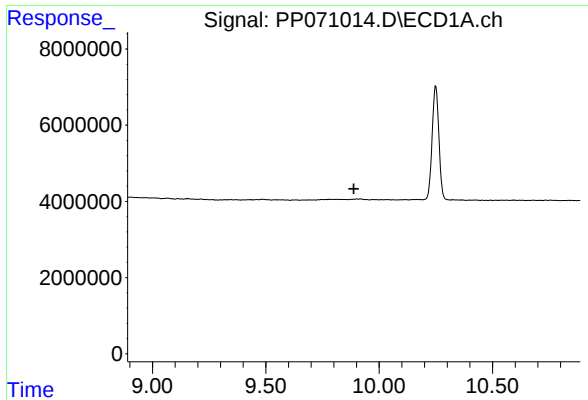
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.472 min
Response: 0
Conc: N.D.



#44 AR-1268-4

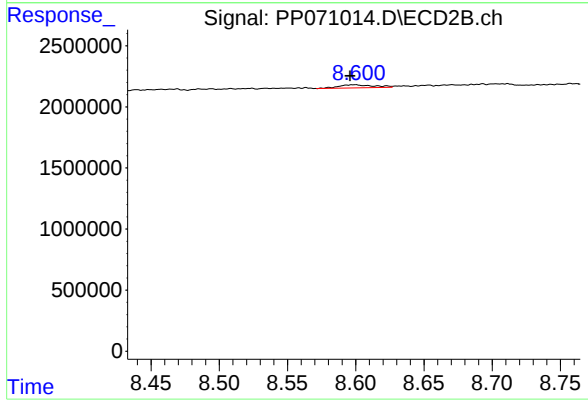
R.T.: 8.302 min
Delta R.T.: 0.009 min
Response: 527869
Conc: 10.00 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.599 min
Delta R.T.: 0.003 min
Response: 462470
Conc: 1.28 ng/ml