

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
 Data File : PR043414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 02:52
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1248357

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:46:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.707	3.966	122.7E6	399.6E6	21.858	20.685
2)	SA Decachlor...	10.617	9.058	172.1E6	490.7E6	47.783	43.631
Target Compounds							
3)	L1 AR-1016-1	5.884	5.060	51675152	158.2E6	275.663	266.619
4)	L1 AR-1016-2	5.908	5.080	60436009	160.3E6	229.945	200.045
5)	L1 AR-1016-3	5.970	5.259	31129648	99281267	198.978	261.471 #
6)	L1 AR-1016-4	6.070	5.298	33640343	163.5E6	258.381	581.530 #
7)	L1 AR-1016-5	6.364	5.514	79158336	191.9E6	613.051	605.189
8)	L2 AR-1221-1	4.909	4.175	1333076	4049171	24.626	20.758
9)	L2 AR-1221-2	5.014	4.269	3172814	8858553	82.622	66.034
10)	L2 AR-1221-3	5.082	4.342	7514294	23262950	58.897	51.004
11)	L3 AR-1232-1	5.082	4.342	7514294	23262950	68.037	58.937
12)	L3 AR-1232-2	5.616	5.080	22157869	160.3E6	388.418	434.897
13)	L3 AR-1232-3	5.908	5.259	60436009	99281267	526.891	574.521
14)	L3 AR-1232-4	6.070	5.341	33640343	163.7E6	590.646	1225.263 #
15)	L3 AR-1232-5	6.157	5.514	70929902	191.9E6	1653.609	1408.254
16)	L4 AR-1242-1	5.884	5.060	51675152	158.2E6	352.332	345.506
17)	L4 AR-1242-2	5.908	5.080	60436009	160.3E6	297.338	261.738
18)	L4 AR-1242-3	5.970	5.259	31129648	99281267	253.064	339.960 #
19)	L4 AR-1242-4	6.070	5.341	33640343	163.7E6	330.856	649.581 #
20)	L4 AR-1242-5	6.808	5.866	85732717	292.3E6	793.064	983.580
21)	L5 AR-1248-1	5.884	5.060	51675152	158.2E6	450.501	424.946
22)	L5 AR-1248-2	6.157	5.298	70929902	163.5E6	451.696	425.327
23)	L5 AR-1248-3	6.364	5.341	79158336	163.7E6	452.603	433.004
24)	L5 AR-1248-4	6.769	5.514	90721918	191.9E6	457.760	460.717
25)	L5 AR-1248-5	6.808	5.908	85732717	210.4E6	459.462	477.649
26)	L6 AR-1254-1	6.741	5.866	69772299	292.3E6	362.709	468.122 #
27)	L6 AR-1254-2	6.966	6.014	89336612	98289494	302.915	174.982 #
28)	L6 AR-1254-3	7.329	6.420	48541859	141.6E6	157.509	144.946
29)	L6 AR-1254-4	7.614	6.647	32783047	118.1E6	145.119	165.283
30)	L6 AR-1254-5	8.034	7.066	8867595	27559818	37.965	33.329
31)	L7 AR-1260-1	7.491	6.567	6544752	49013949	29.159	74.835 #
32)	L7 AR-1260-2	7.742	6.736	8472148	20965022	31.937	22.958 #
33)	L7 AR-1260-3	8.103	6.891	2406983	26043044	12.139	33.960 #
34)	L7 AR-1260-4	8.337	7.364	4609947	4803466	20.166	7.592 #
35)	L7 AR-1260-5	8.682	7.604	2830876	12734431	6.181	7.208
36)	L8 AR-1262-1	8.167	7.066	899960	27559818	7.878	58.490 #
37)	L8 AR-1262-2	8.682	7.604	2830876	12734431	5.435	6.605
38)	L8 AR-1262-3	9.012	7.889	1042560	4232469	3.133	5.706 #
39)	L8 AR-1262-4	9.105	7.952	1378993	8572456	5.628	6.641
40)	L8 AR-1262-5	9.811	8.468	1589400	2452778	9.403	4.154 #
41)	L9 AR-1268-1	9.012	7.889	1042560	4232469	1.783	1.910

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
 Data File : PR043414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 02:52
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

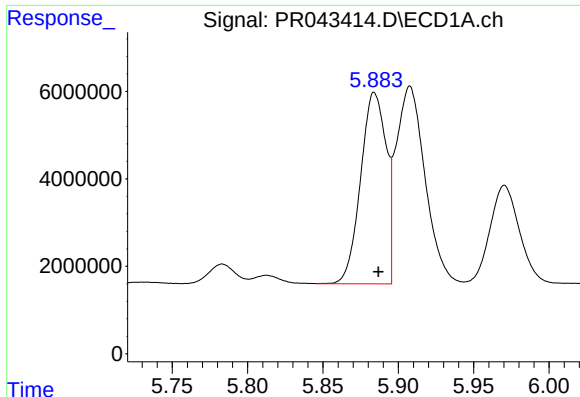
Instrument :
 ECD_R
 ClientSampleId :
 AR1248357

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:46:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.105	7.952	1378993	8572456	2.613	4.390 #
43) L9	AR-1268-3	9.355	8.164	1283693	3633511	2.970	2.192 #
44) L9	AR-1268-4	9.811	8.468	1589400	2452778	8.427	3.698 #
45) L9	AR-1268-5	10.254	8.783	1539783	5798804	1.093	1.231

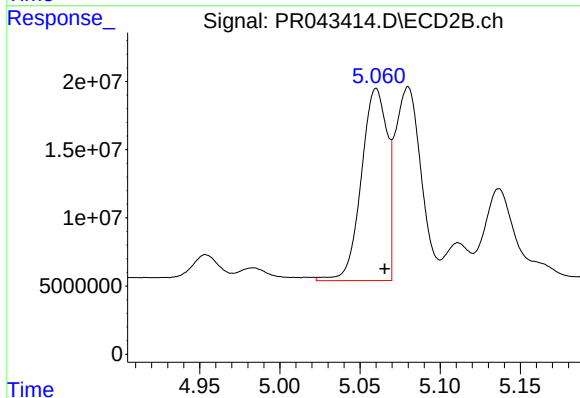
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

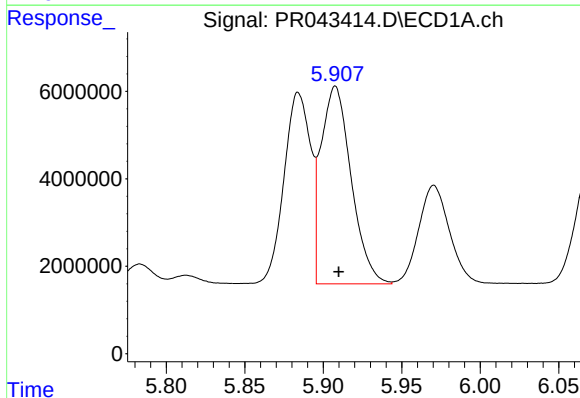
R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 51675152
Conc: 275.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



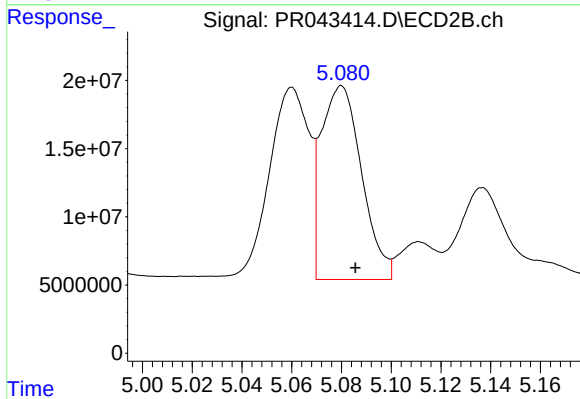
#3 AR-1016-1

R.T.: 5.060 min
Delta R.T.: -0.005 min
Response: 158231065
Conc: 266.62 ng/ml



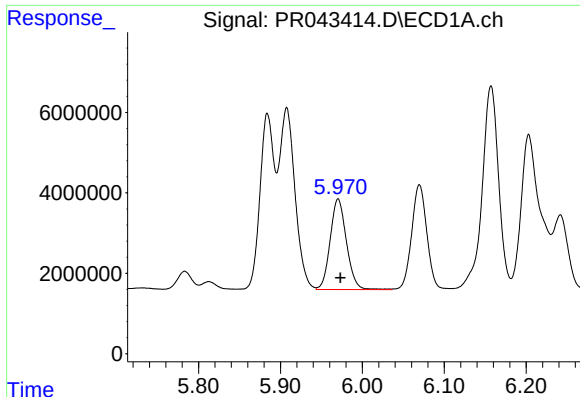
#4 AR-1016-2

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 60436009
Conc: 229.95 ng/ml



#4 AR-1016-2

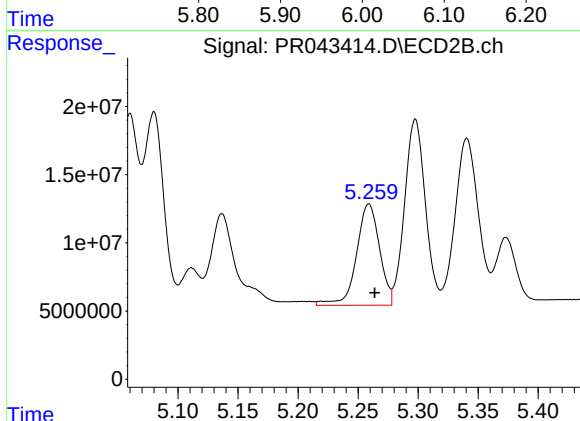
R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 160284843
Conc: 200.05 ng/ml



#5 AR-1016-3

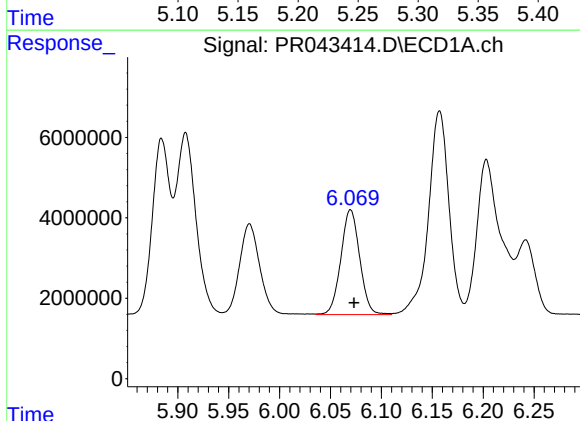
R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 31129648
Conc: 198.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



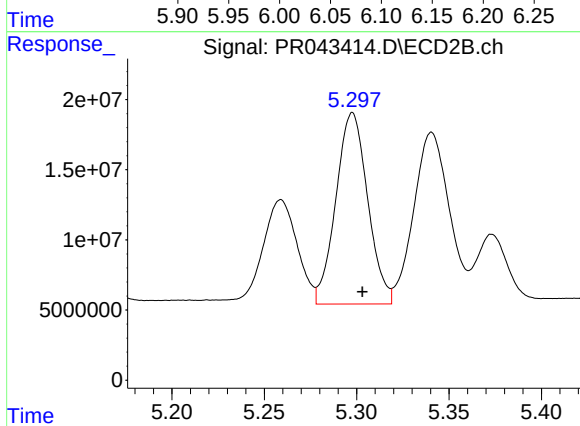
#5 AR-1016-3

R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 99281267
Conc: 261.47 ng/ml



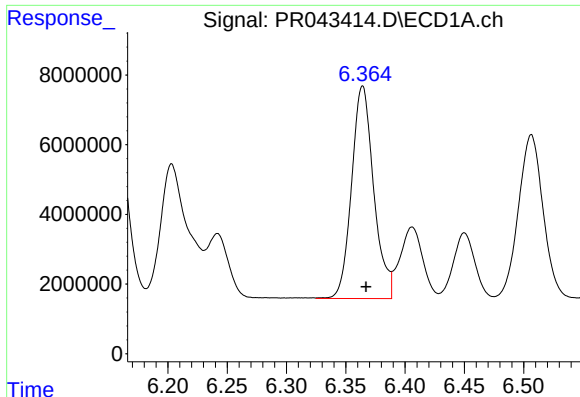
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 33640343
Conc: 258.38 ng/ml



#6 AR-1016-4

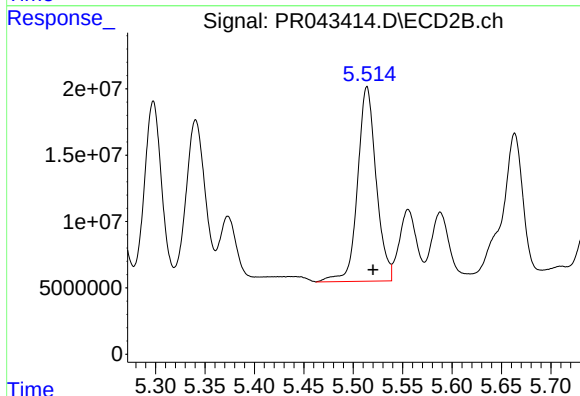
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 163452514
Conc: 581.53 ng/ml



#7 AR-1016-5

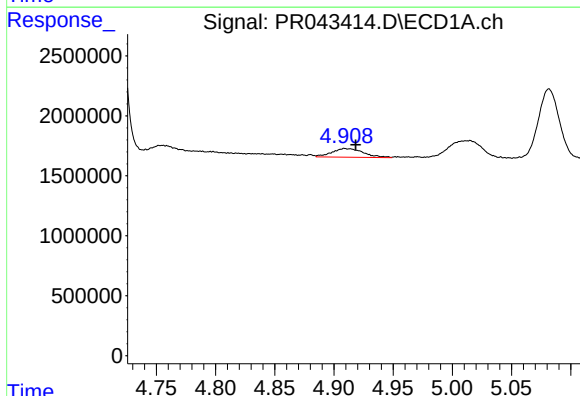
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 79158336
Conc: 613.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



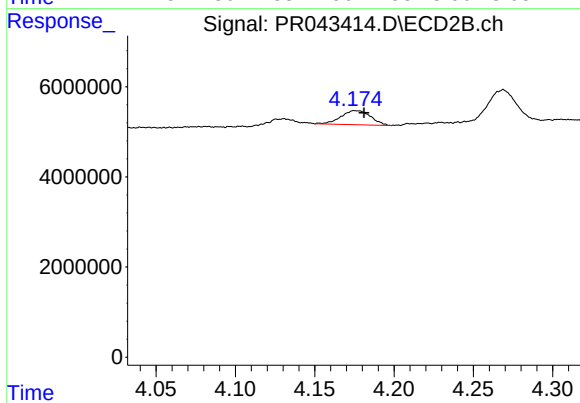
#7 AR-1016-5

R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 191909296
Conc: 605.19 ng/ml



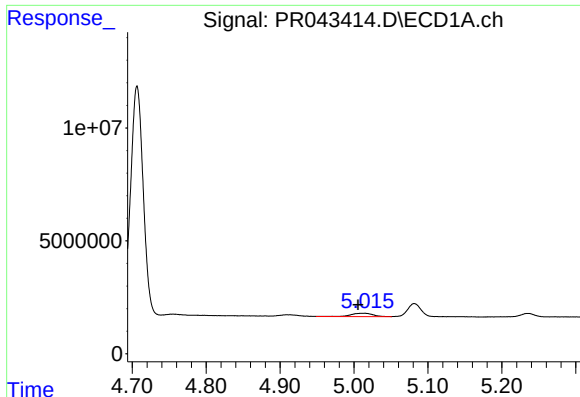
#8 AR-1221-1

R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: 1333076
Conc: 24.63 ng/ml



#8 AR-1221-1

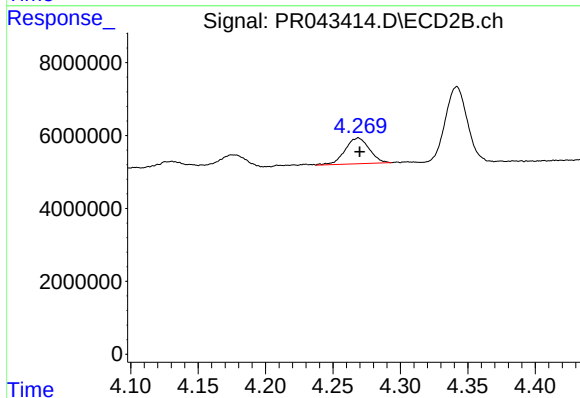
R.T.: 4.175 min
Delta R.T.: -0.006 min
Response: 4049171
Conc: 20.76 ng/ml



#9 AR-1221-2

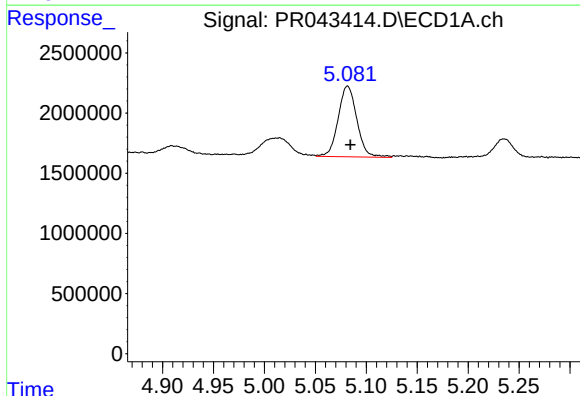
R.T.: 5.014 min
Delta R.T.: 0.009 min
Response: 3172814
Conc: 82.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



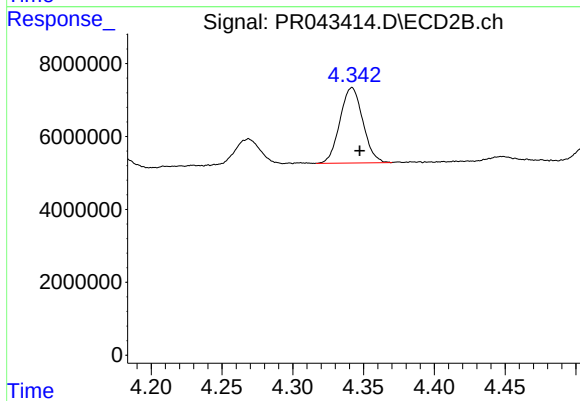
#9 AR-1221-2

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 8858553
Conc: 66.03 ng/ml



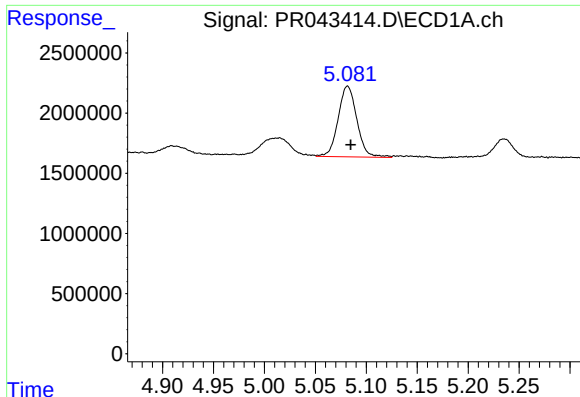
#10 AR-1221-3

R.T.: 5.082 min
Delta R.T.: -0.003 min
Response: 7514294
Conc: 58.90 ng/ml



#10 AR-1221-3

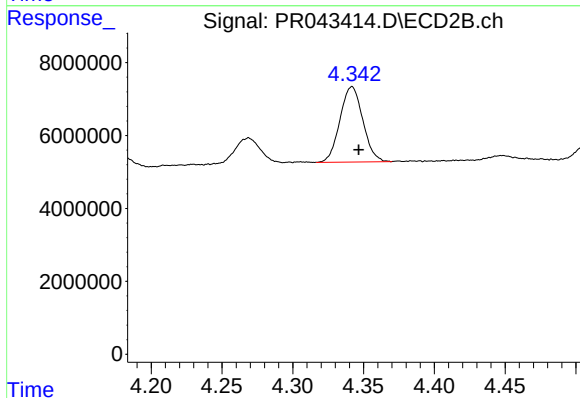
R.T.: 4.342 min
Delta R.T.: -0.005 min
Response: 23262950
Conc: 51.00 ng/ml



#11 AR-1232-1

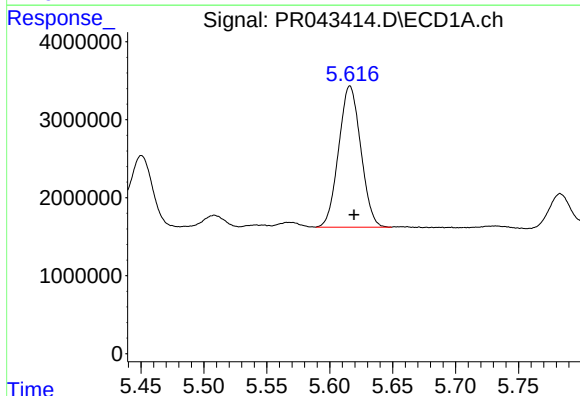
R.T.: 5.082 min
Delta R.T.: -0.003 min
Response: 7514294
Conc: 68.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



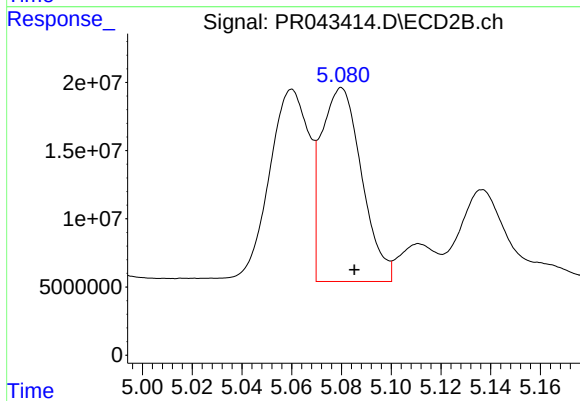
#11 AR-1232-1

R.T.: 4.342 min
Delta R.T.: -0.005 min
Response: 23262950
Conc: 58.94 ng/ml



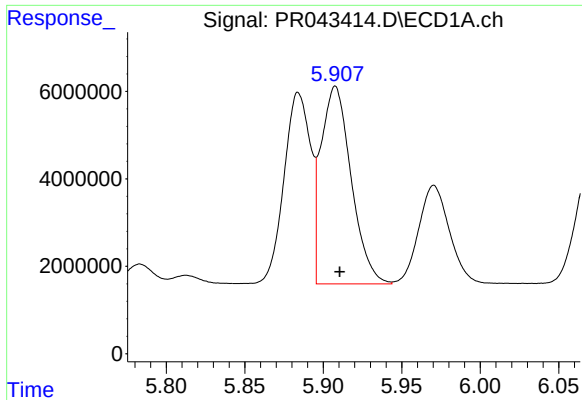
#12 AR-1232-2

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 22157869
Conc: 388.42 ng/ml



#12 AR-1232-2

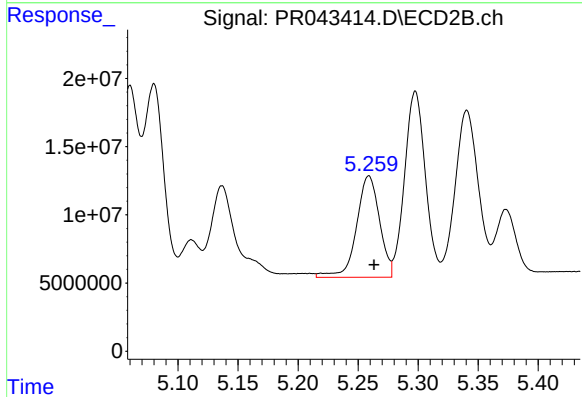
R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 160284843
Conc: 434.90 ng/ml



#13 AR-1232-3

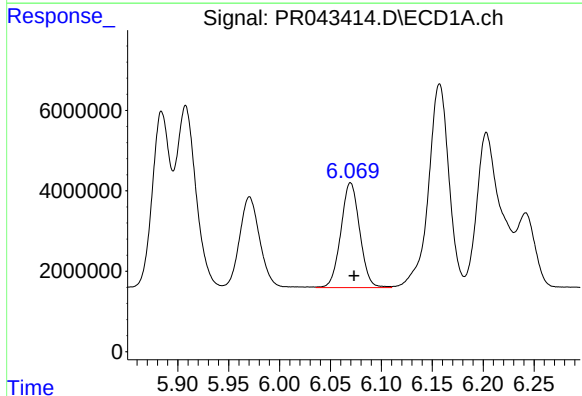
R.T.: 5.908 min
Delta R.T.: -0.003 min
Response: 60436009
Conc: 526.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



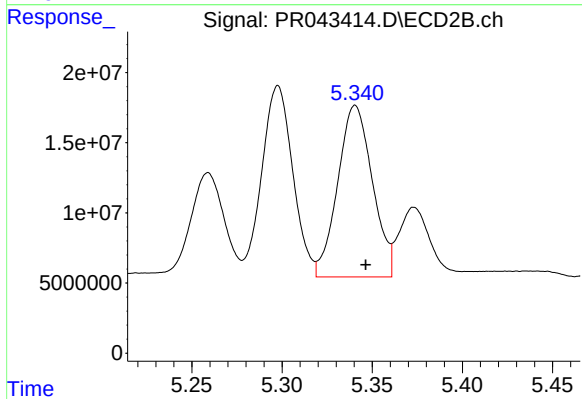
#13 AR-1232-3

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 99281267
Conc: 574.52 ng/ml



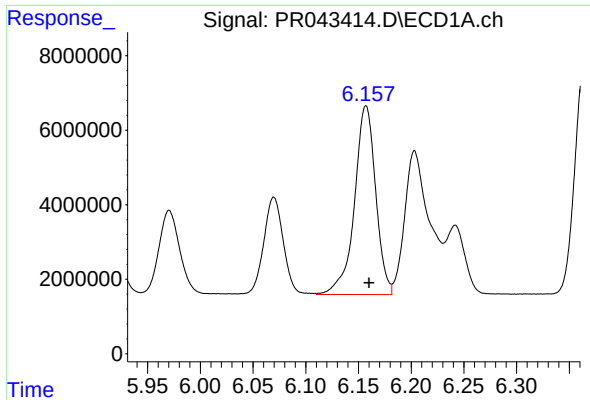
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 33640343
Conc: 590.65 ng/ml



#14 AR-1232-4

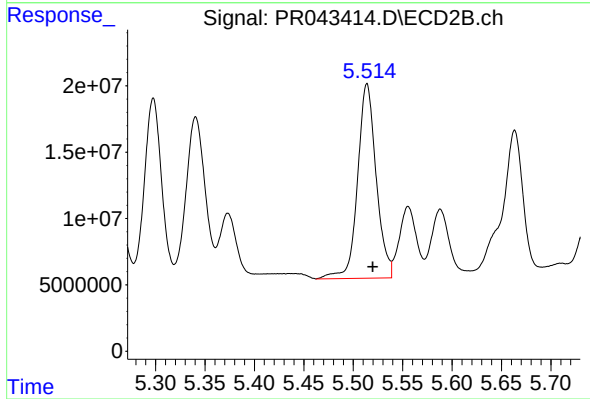
R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 163732096
Conc: 1225.26 ng/ml



#15 AR-1232-5

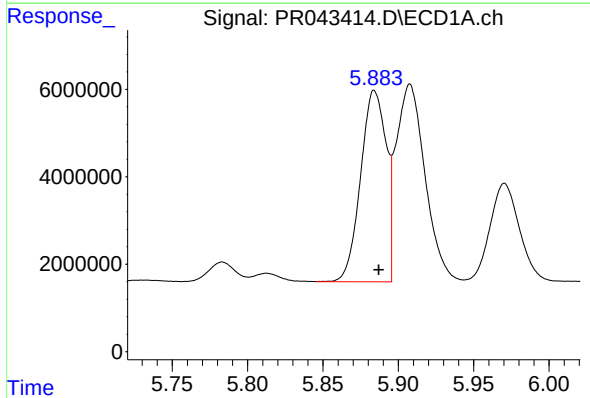
R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 70929902
Conc: 1653.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



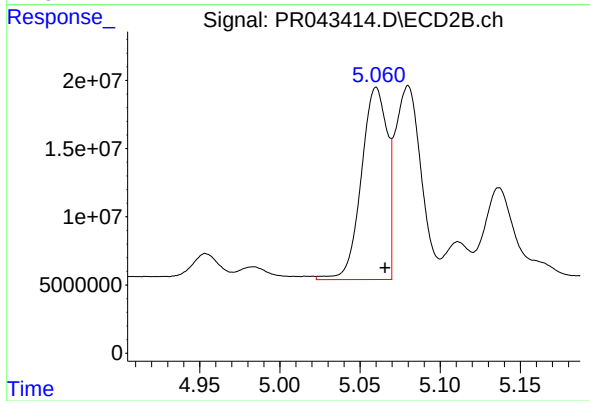
#15 AR-1232-5

R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 191909296
Conc: 1408.25 ng/ml



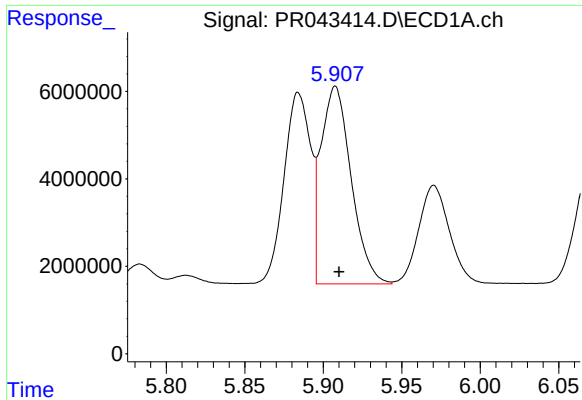
#16 AR-1242-1

R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 51675152
Conc: 352.33 ng/ml



#16 AR-1242-1

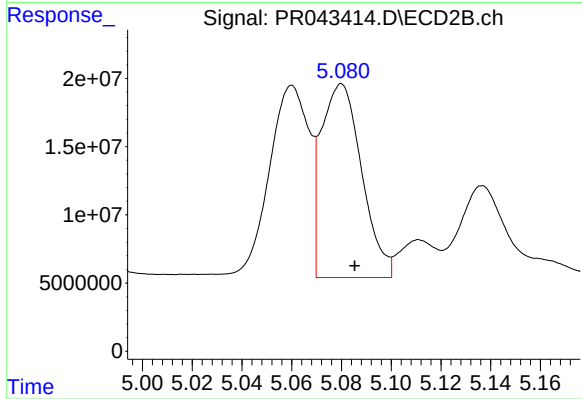
R.T.: 5.060 min
Delta R.T.: -0.005 min
Response: 158231065
Conc: 345.51 ng/ml



#17 AR-1242-2

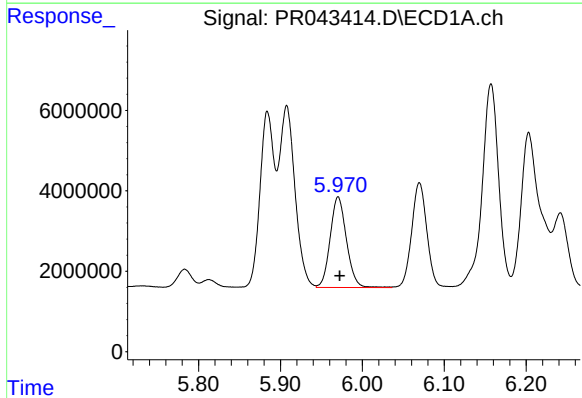
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 60436009
Conc: 297.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



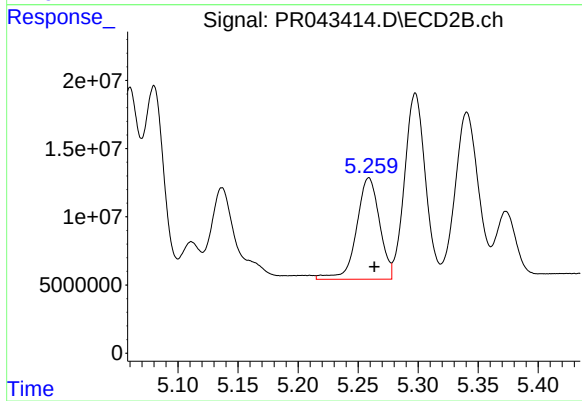
#17 AR-1242-2

R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 160284843
Conc: 261.74 ng/ml



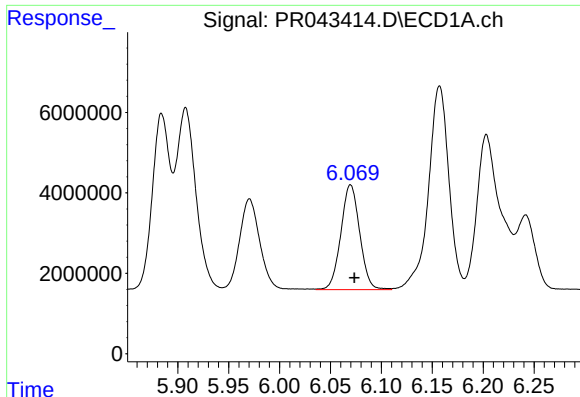
#18 AR-1242-3

R.T.: 5.970 min
Delta R.T.: -0.002 min
Response: 31129648
Conc: 253.06 ng/ml



#18 AR-1242-3

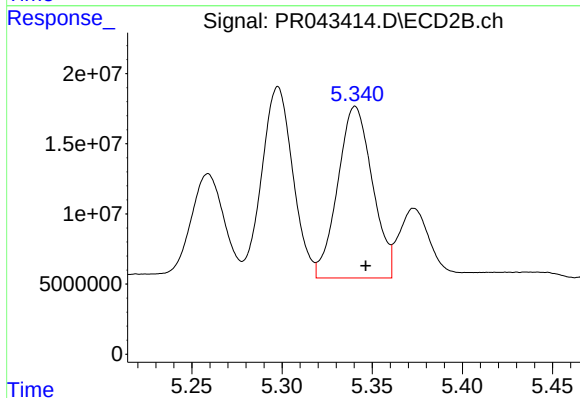
R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 99281267
Conc: 339.96 ng/ml



#19 AR-1242-4

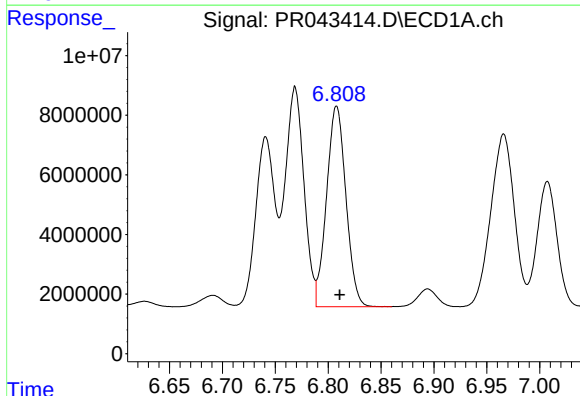
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 33640343
Conc: 330.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



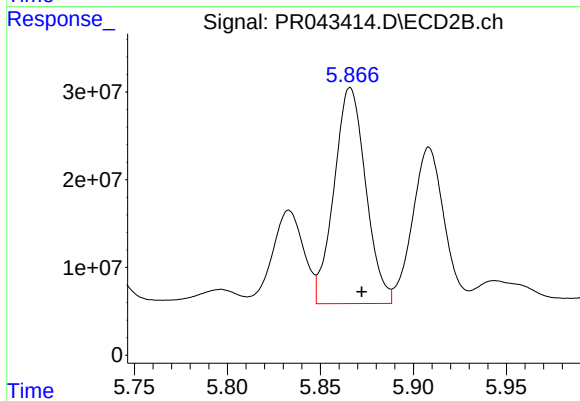
#19 AR-1242-4

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 163732096
Conc: 649.58 ng/ml



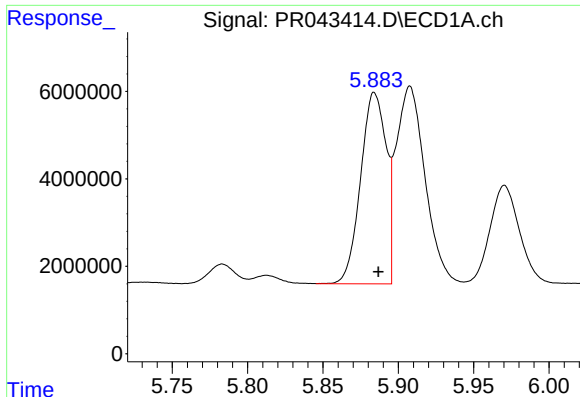
#20 AR-1242-5

R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 85732717
Conc: 793.06 ng/ml



#20 AR-1242-5

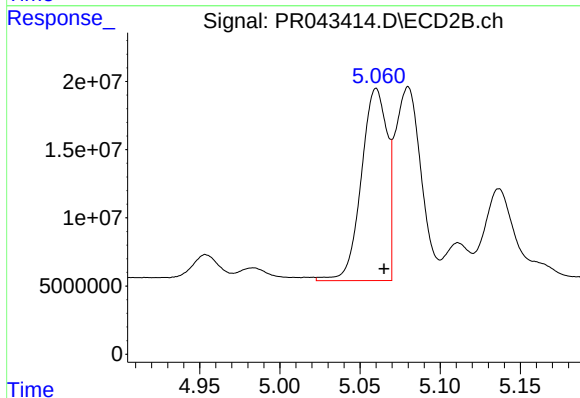
R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 292276795
Conc: 983.58 ng/ml



#21 AR-1248-1

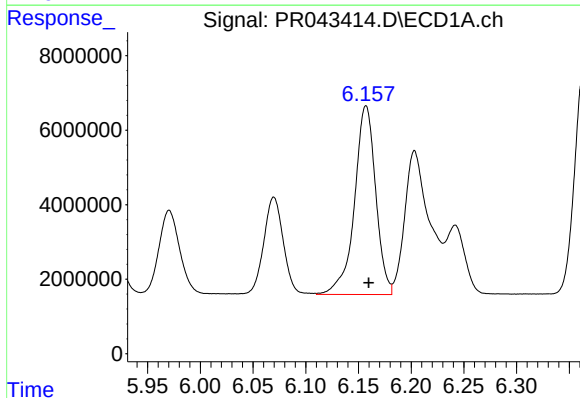
R.T.: 5.884 min
Delta R.T.: -0.003 min
Response: 51675152
Conc: 450.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



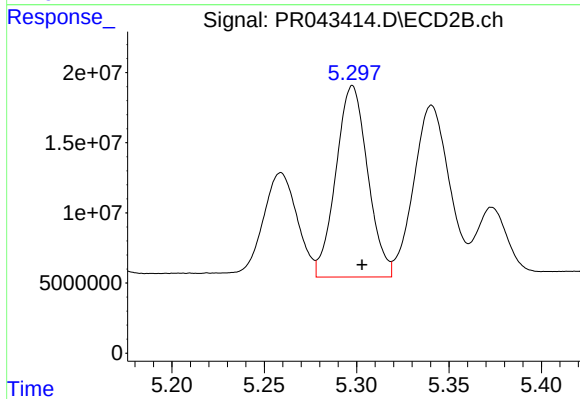
#21 AR-1248-1

R.T.: 5.060 min
Delta R.T.: -0.005 min
Response: 158231065
Conc: 424.95 ng/ml



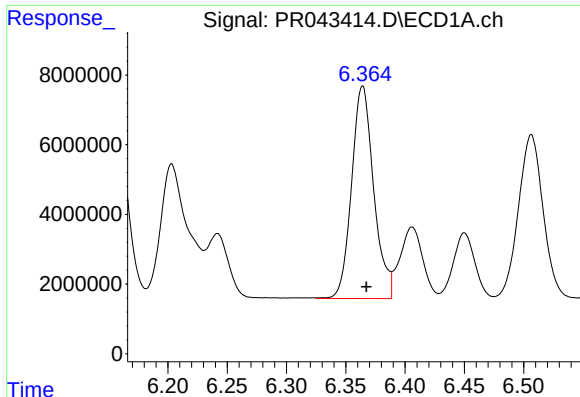
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 70929902
Conc: 451.70 ng/ml



#22 AR-1248-2

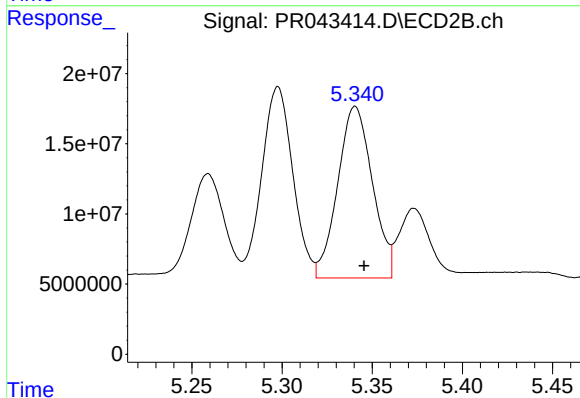
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 163452514
Conc: 425.33 ng/ml



#23 AR-1248-3

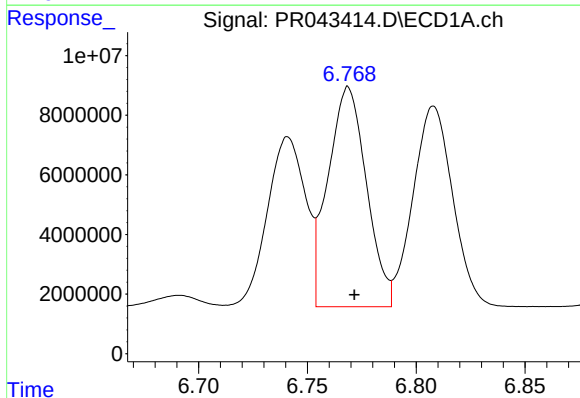
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 79158336
Conc: 452.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



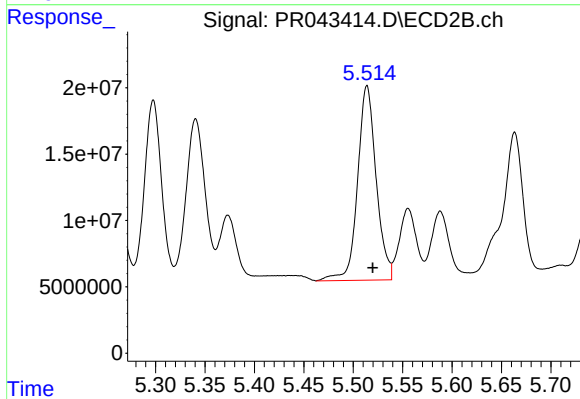
#23 AR-1248-3

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 163732096
Conc: 433.00 ng/ml



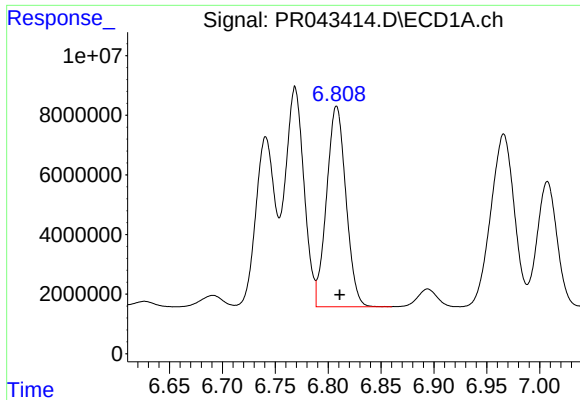
#24 AR-1248-4

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 90721918
Conc: 457.76 ng/ml



#24 AR-1248-4

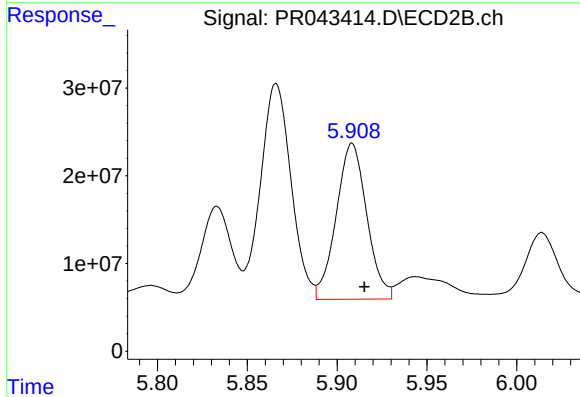
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 191909296
Conc: 460.72 ng/ml



#25 AR-1248-5

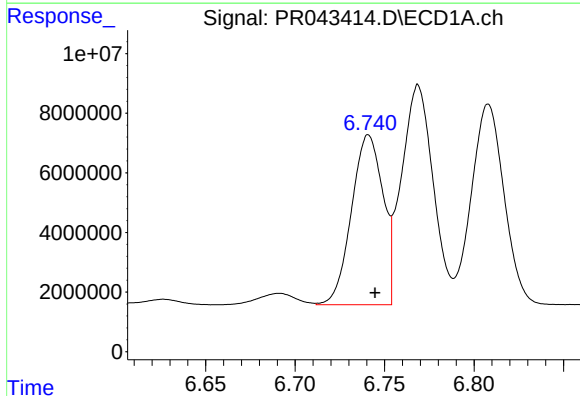
R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 85732717
Conc: 459.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



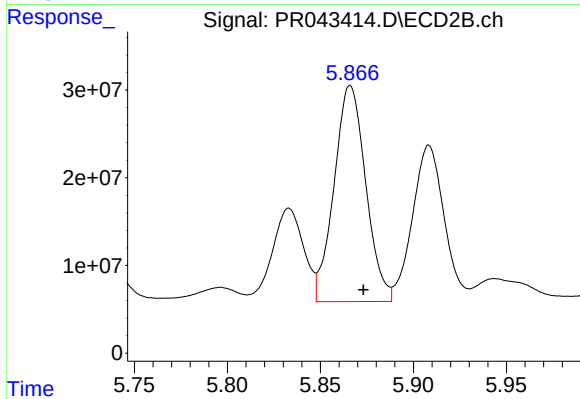
#25 AR-1248-5

R.T.: 5.908 min
Delta R.T.: -0.007 min
Response: 210436410
Conc: 477.65 ng/ml



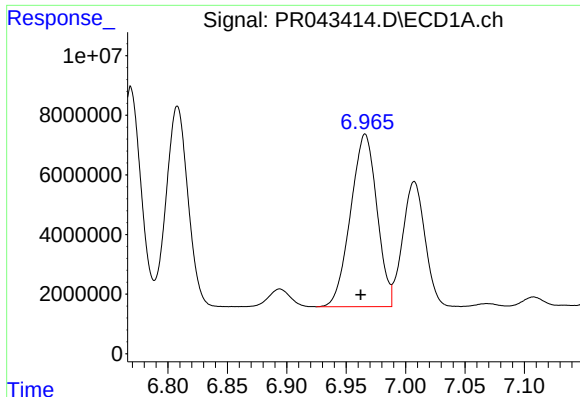
#26 AR-1254-1

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 69772299
Conc: 362.71 ng/ml



#26 AR-1254-1

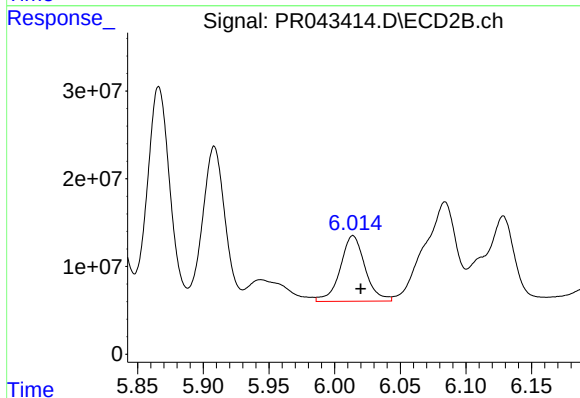
R.T.: 5.866 min
Delta R.T.: -0.007 min
Response: 292276795
Conc: 468.12 ng/ml



#27 AR-1254-2

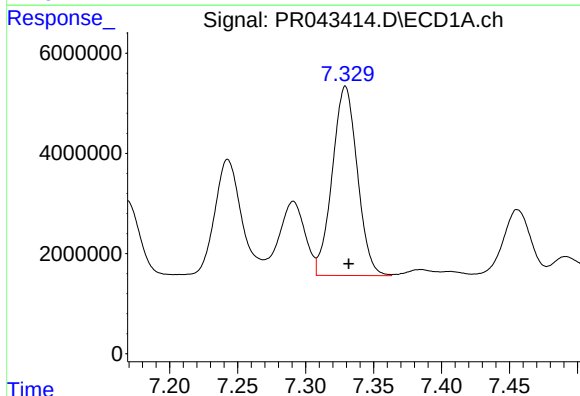
R.T.: 6.966 min
Delta R.T.: 0.004 min
Response: 89336612
Conc: 302.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



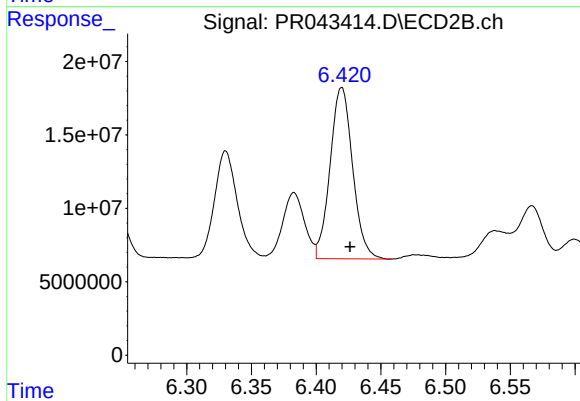
#27 AR-1254-2

R.T.: 6.014 min
Delta R.T.: -0.006 min
Response: 98289494
Conc: 174.98 ng/ml



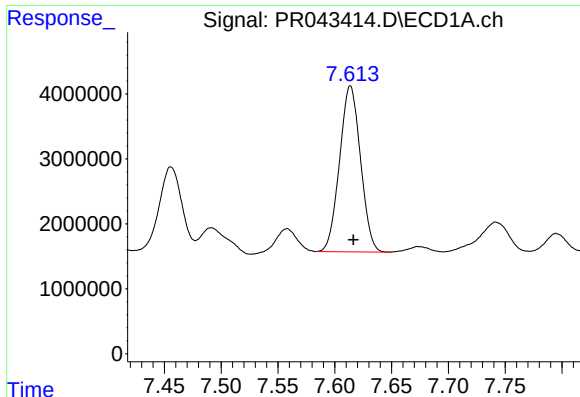
#28 AR-1254-3

R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 48541859
Conc: 157.51 ng/ml



#28 AR-1254-3

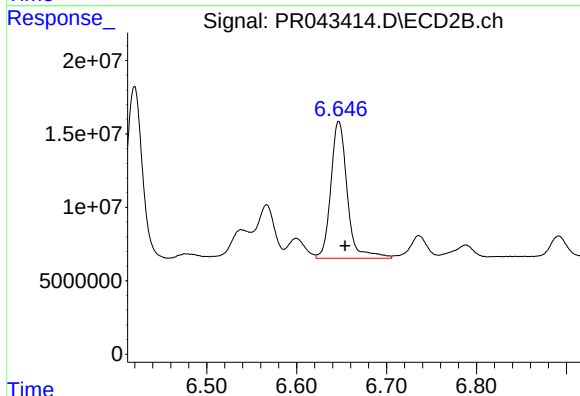
R.T.: 6.420 min
Delta R.T.: -0.007 min
Response: 141558722
Conc: 144.95 ng/ml



#29 AR-1254-4

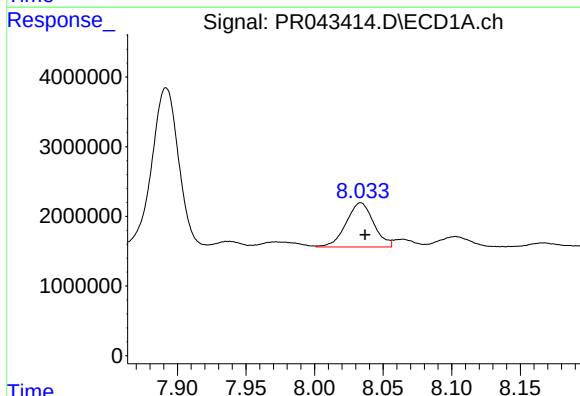
R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 32783047
Conc: 145.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



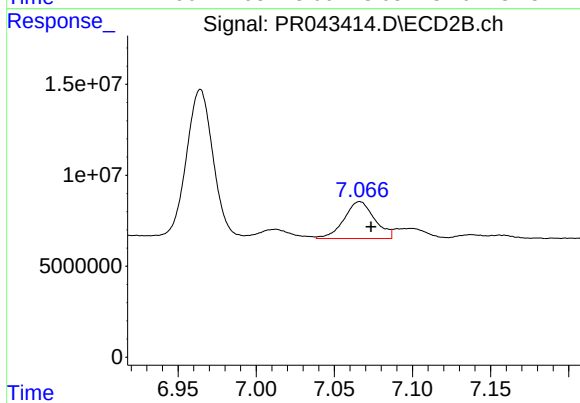
#29 AR-1254-4

R.T.: 6.647 min
Delta R.T.: -0.007 min
Response: 118113573
Conc: 165.28 ng/ml



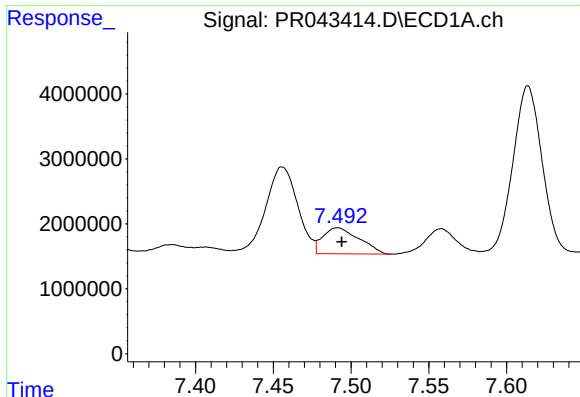
#30 AR-1254-5

R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 8867595
Conc: 37.96 ng/ml



#30 AR-1254-5

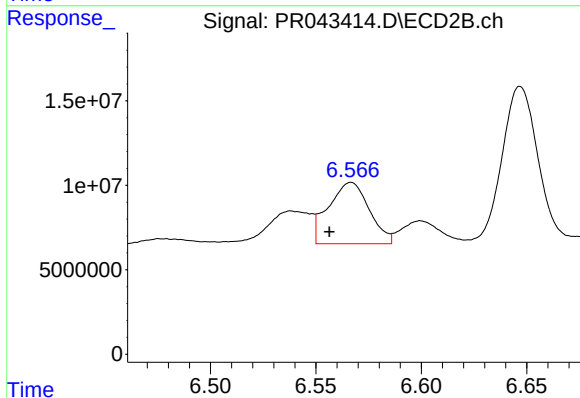
R.T.: 7.066 min
Delta R.T.: -0.007 min
Response: 27559818
Conc: 33.33 ng/ml



#31 AR-1260-1

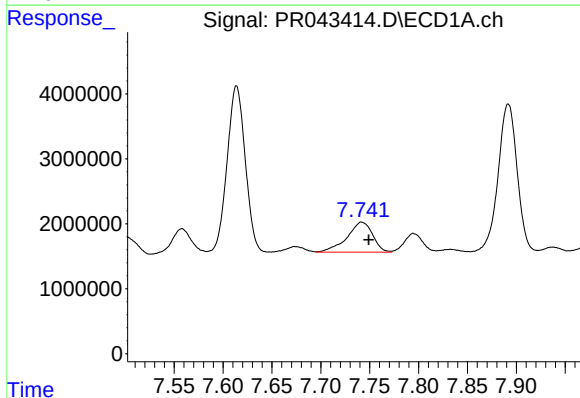
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 6544752
Conc: 29.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



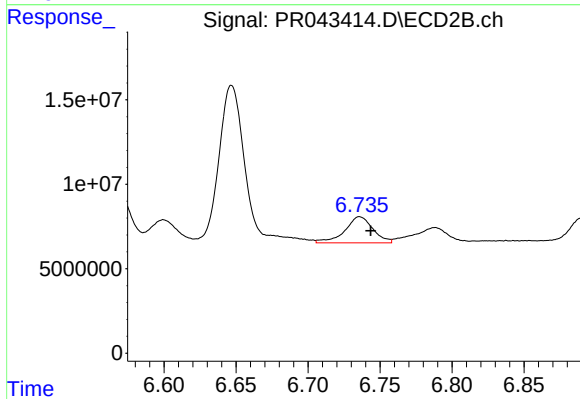
#31 AR-1260-1

R.T.: 6.567 min
Delta R.T.: 0.010 min
Response: 49013949
Conc: 74.83 ng/ml



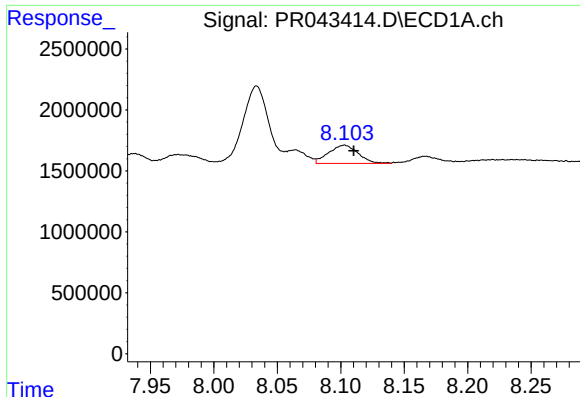
#32 AR-1260-2

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 8472148
Conc: 31.94 ng/ml



#32 AR-1260-2

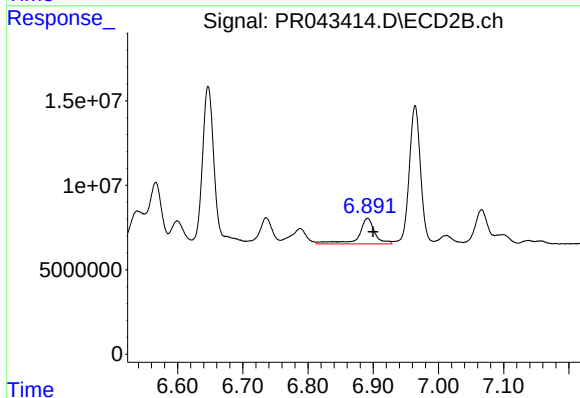
R.T.: 6.736 min
Delta R.T.: -0.008 min
Response: 20965022
Conc: 22.96 ng/ml



#33 AR-1260-3

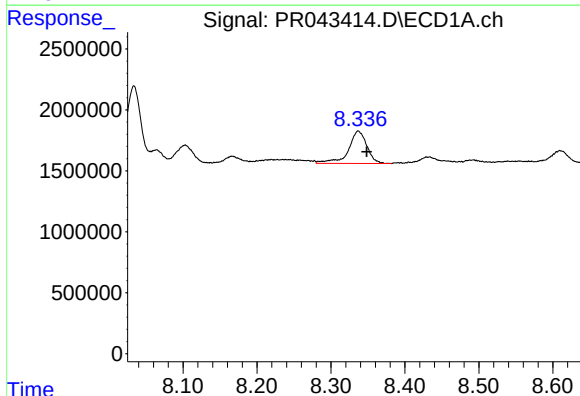
R.T.: 8.103 min
Delta R.T.: -0.007 min
Response: 2406983
Conc: 12.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



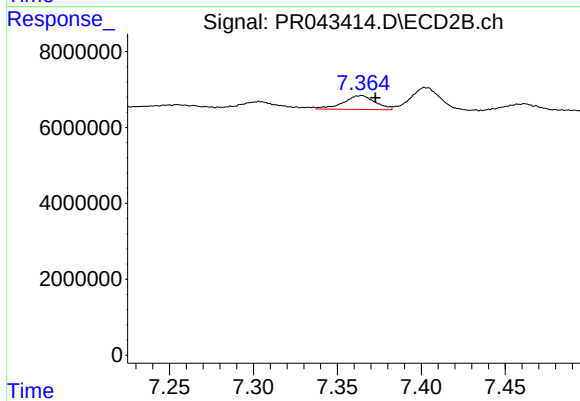
#33 AR-1260-3

R.T.: 6.891 min
Delta R.T.: -0.008 min
Response: 26043044
Conc: 33.96 ng/ml



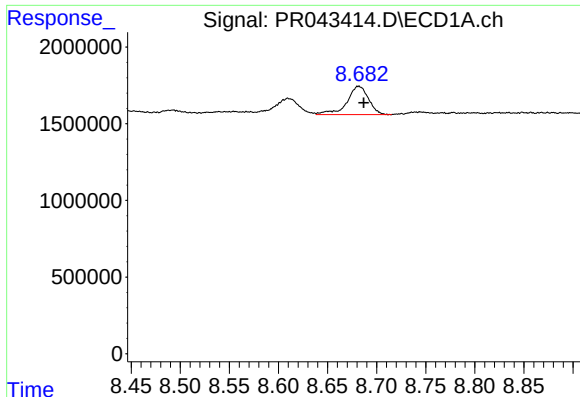
#34 AR-1260-4

R.T.: 8.337 min
Delta R.T.: -0.011 min
Response: 4609947
Conc: 20.17 ng/ml



#34 AR-1260-4

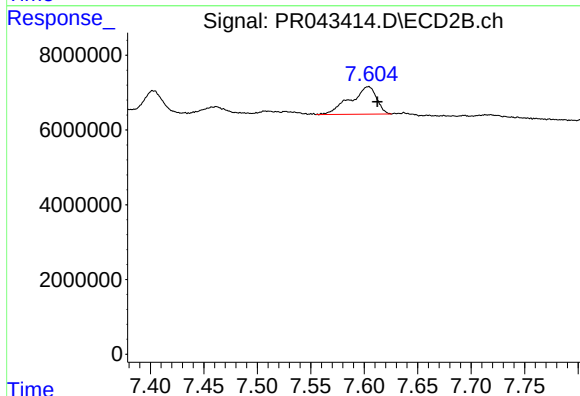
R.T.: 7.364 min
Delta R.T.: -0.009 min
Response: 4803466
Conc: 7.59 ng/ml



#35 AR-1260-5

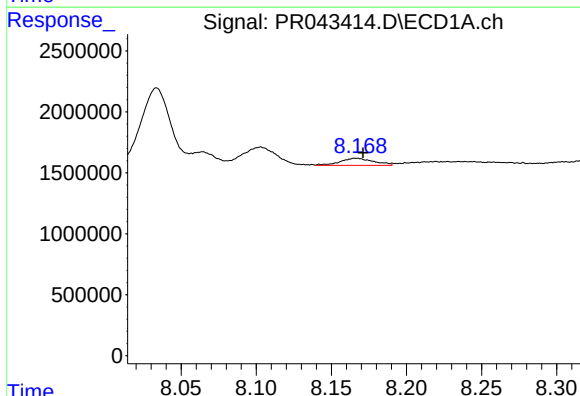
R.T.: 8.682 min
Delta R.T.: -0.005 min
Response: 2830876
Conc: 6.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



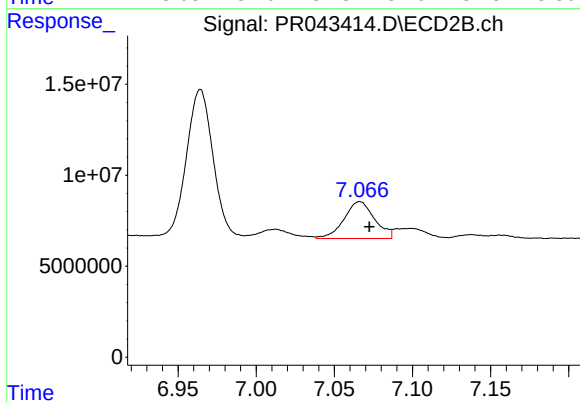
#35 AR-1260-5

R.T.: 7.604 min
Delta R.T.: -0.008 min
Response: 12734431
Conc: 7.21 ng/ml



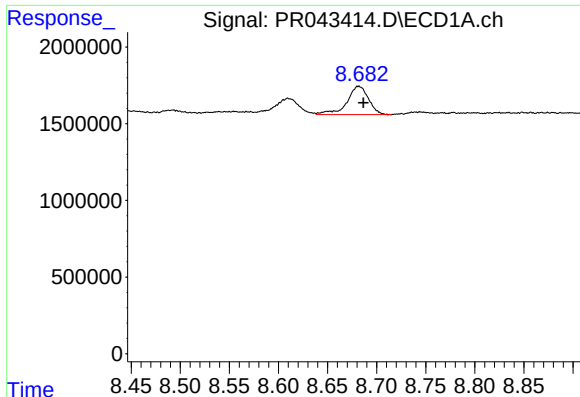
#36 AR-1262-1

R.T.: 8.167 min
Delta R.T.: -0.004 min
Response: 899960
Conc: 7.88 ng/ml



#36 AR-1262-1

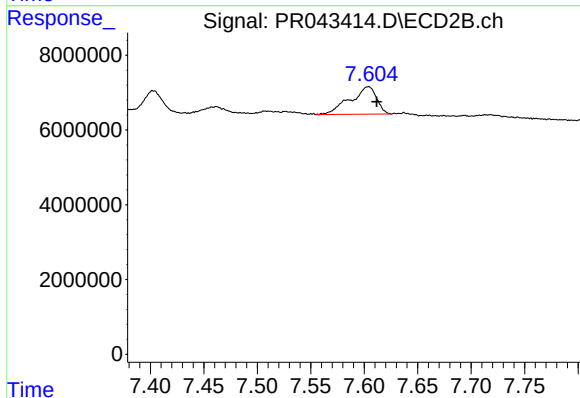
R.T.: 7.066 min
Delta R.T.: -0.006 min
Response: 27559818
Conc: 58.49 ng/ml



#37 AR-1262-2

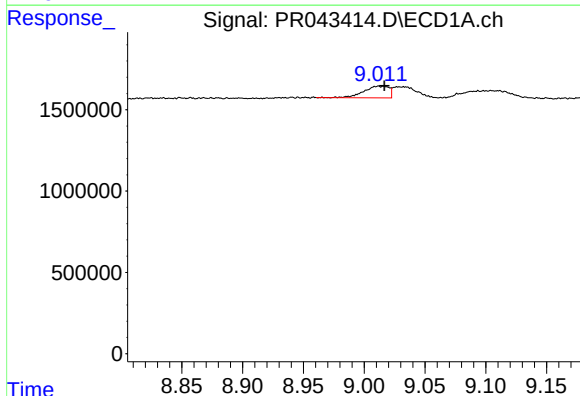
R.T.: 8.682 min
Delta R.T.: -0.005 min
Response: 2830876
Conc: 5.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



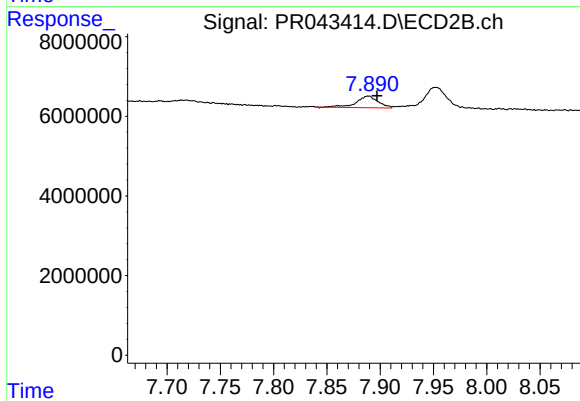
#37 AR-1262-2

R.T.: 7.604 min
Delta R.T.: -0.008 min
Response: 12734431
Conc: 6.60 ng/ml



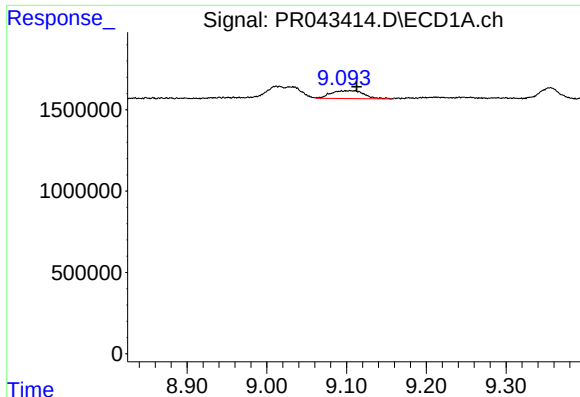
#38 AR-1262-3

R.T.: 9.012 min
Delta R.T.: -0.005 min
Response: 1042560
Conc: 3.13 ng/ml



#38 AR-1262-3

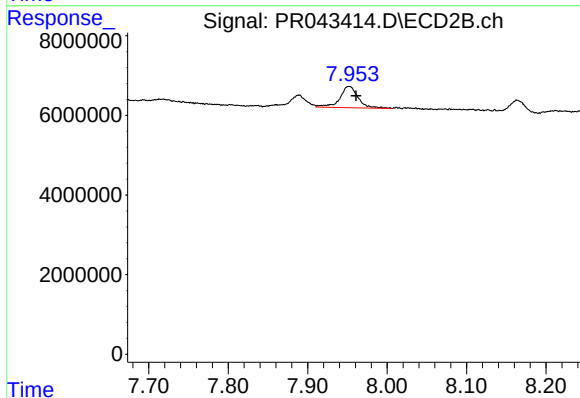
R.T.: 7.889 min
Delta R.T.: -0.008 min
Response: 4232469
Conc: 5.71 ng/ml



#39 AR-1262-4

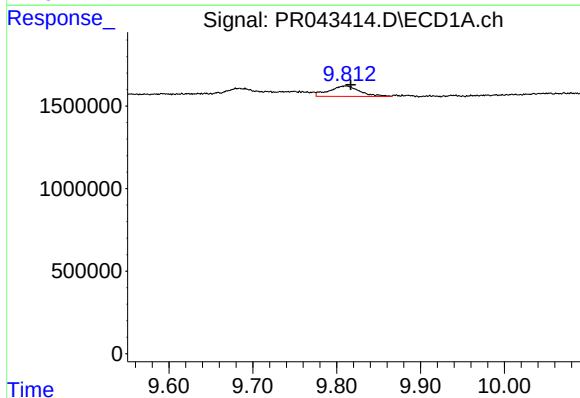
R.T.: 9.105 min
Delta R.T.: -0.008 min
Response: 1378993
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



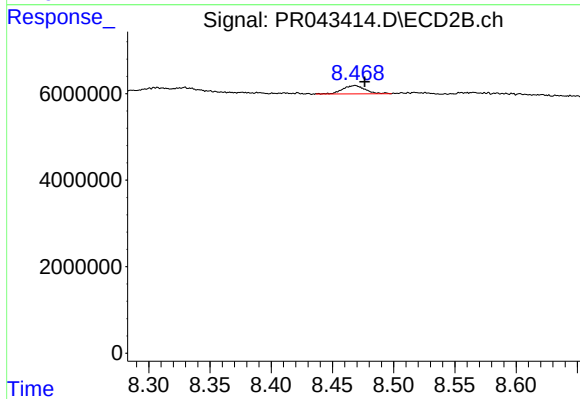
#39 AR-1262-4

R.T.: 7.952 min
Delta R.T.: -0.009 min
Response: 8572456
Conc: 6.64 ng/ml



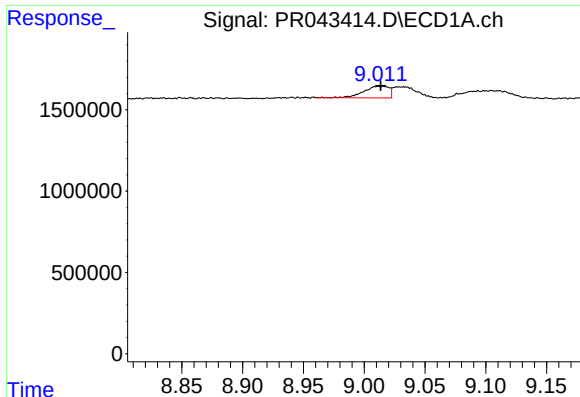
#40 AR-1262-5

R.T.: 9.811 min
Delta R.T.: -0.005 min
Response: 1589400
Conc: 9.40 ng/ml



#40 AR-1262-5

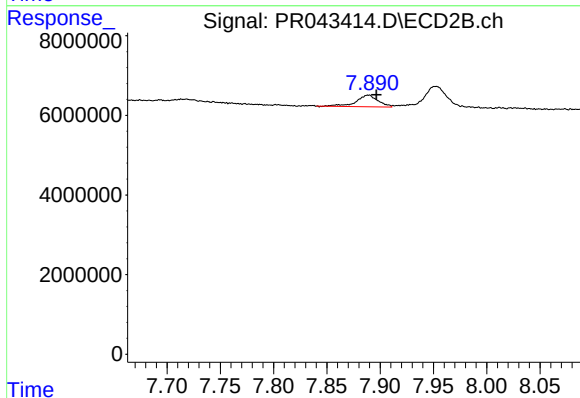
R.T.: 8.468 min
Delta R.T.: -0.008 min
Response: 2452778
Conc: 4.15 ng/ml



#41 AR-1268-1

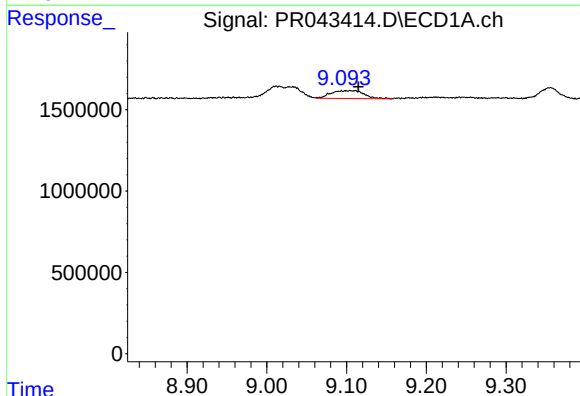
R.T.: 9.012 min
Delta R.T.: -0.002 min
Response: 1042560
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



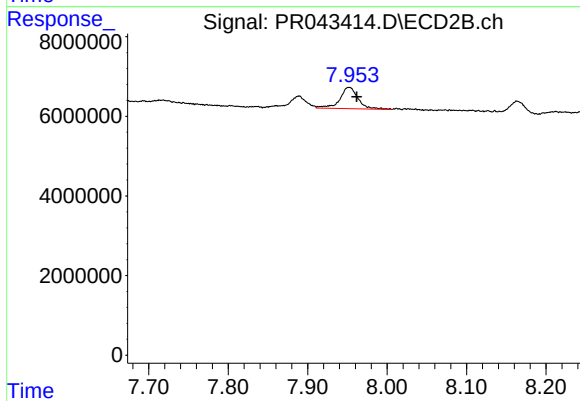
#41 AR-1268-1

R.T.: 7.889 min
Delta R.T.: -0.007 min
Response: 4232469
Conc: 1.91 ng/ml



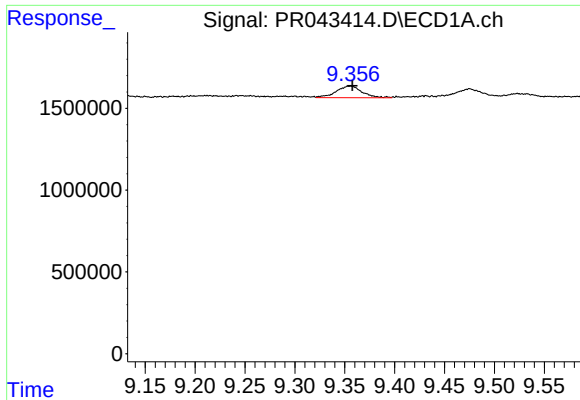
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.010 min
Response: 1378993
Conc: 2.61 ng/ml



#42 AR-1268-2

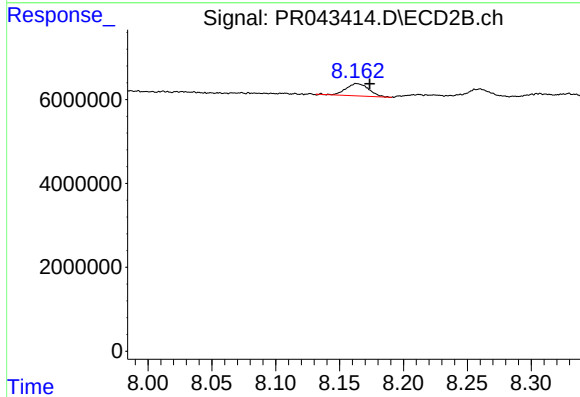
R.T.: 7.952 min
Delta R.T.: -0.010 min
Response: 8572456
Conc: 4.39 ng/ml



#43 AR-1268-3

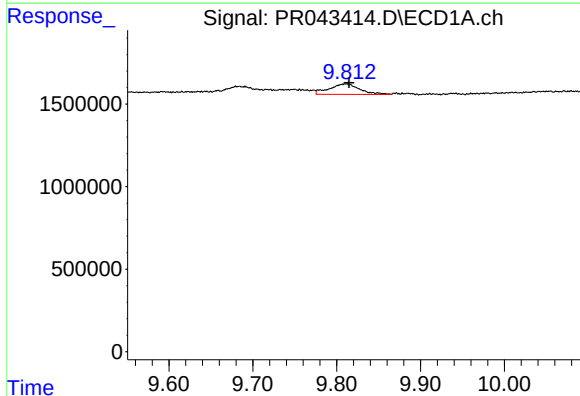
R.T.: 9.355 min
Delta R.T.: -0.002 min
Response: 1283693
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



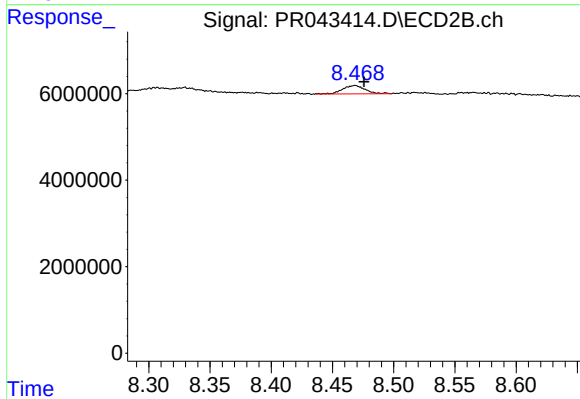
#43 AR-1268-3

R.T.: 8.164 min
Delta R.T.: -0.010 min
Response: 3633511
Conc: 2.19 ng/ml



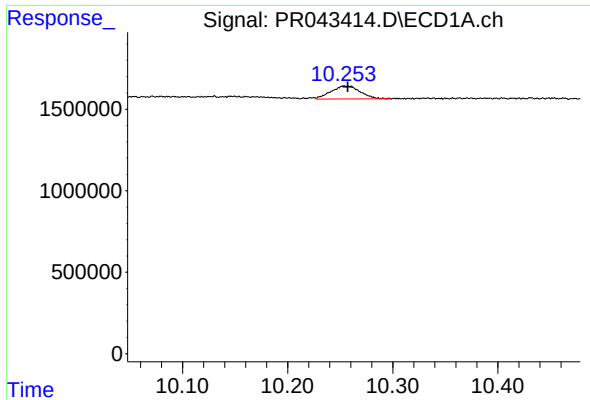
#44 AR-1268-4

R.T.: 9.811 min
Delta R.T.: -0.003 min
Response: 1589400
Conc: 8.43 ng/ml



#44 AR-1268-4

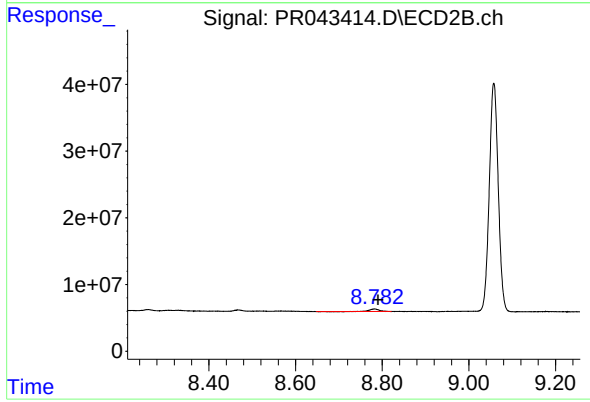
R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 2452778
Conc: 3.70 ng/ml



#45 AR-1268-5

R.T.: 10.254 min
Delta R.T.: -0.003 min
Response: 1539783
Conc: 1.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248357



#45 AR-1268-5

R.T.: 8.783 min
Delta R.T.: -0.008 min
Response: 5798804
Conc: 1.23 ng/ml