

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121219\
 Data File : PR043724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2019 09:29
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 13:46:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.706	3.962	104.1E6	135.4E6	18.717	17.534
2)	SA Decachlor...	10.612	9.052	146.7E6	343.3E6	38.952	34.694
Target Compounds							
3)	L1 AR-1016-1	5.883	5.056	43778927	87916485	226.103	215.643
4)	L1 AR-1016-2	5.907	5.076	50936231	91447282	186.026	163.717
5)	L1 AR-1016-3	5.969	5.256	26318398	59078912	159.810	197.748
6)	L1 AR-1016-4	6.068	5.294	28932473	121.0E6	210.083	503.054 #
7)	L1 AR-1016-5	6.363	5.510	69208940	152.7E6	500.864	480.765
8)	L2 AR-1221-1	4.909	0.000	2258676	0	39.373	N.D. #
9)	L2 AR-1221-2	5.014	4.268	3046886	3721723	74.557	60.794
10)	L2 AR-1221-3	5.081	4.338	5755580	8406799	41.877	38.480
11)	L3 AR-1232-1	5.081	4.338	5755580	8406799	53.545	49.835
12)	L3 AR-1232-2	5.615	5.076	20705298	91447282	374.107	391.897
13)	L3 AR-1232-3	5.907	5.256	50936231	59078912	449.193	482.780
14)	L3 AR-1232-4	6.068	5.337	28932473	122.6E6	497.763	1155.362 #
15)	L3 AR-1232-5	6.156	5.510	61313987	152.7E6	1373.237	1274.909
16)	L4 AR-1242-1	5.883	5.056	43778927	87916485	269.316	265.899
17)	L4 AR-1242-2	5.907	5.076	50936231	91447282	223.289	200.039
18)	L4 AR-1242-3	5.969	5.256	26318398	59078912	191.338	242.409 #
19)	L4 AR-1242-4	6.068	5.337	28932473	122.6E6	252.052	520.607 #
20)	L4 AR-1242-5	6.807	5.862	76144337	247.2E6	598.622	725.040
21)	L5 AR-1248-1	5.883	5.056	43778927	87916485	368.841	359.283
22)	L5 AR-1248-2	6.156	5.294	61313987	121.0E6	376.338	373.149
23)	L5 AR-1248-3	6.363	5.337	69208940	122.6E6	381.166	372.385
24)	L5 AR-1248-4	6.767	5.510	80967901	152.7E6	386.780	368.204
25)	L5 AR-1248-5	6.807	5.904	76144337	170.4E6	383.530	383.285
26)	L6 AR-1254-1	6.739	5.862	61704093	247.2E6	282.307	346.910
27)	L6 AR-1254-2	6.965	6.010	79560830	72875673	235.938	113.933 #
28)	L6 AR-1254-3	7.327	6.416	43921507	116.3E6	125.571	114.896
29)	L6 AR-1254-4	7.612	6.643	26855444	102.1E6	107.473	141.788 #
30)	L6 AR-1254-5	8.032	7.066	8296441	16832563	32.195	19.759 #
31)	L7 AR-1260-1	7.490	6.563	5359122	45276931	21.506	66.830 #
32)	L7 AR-1260-2	7.741	6.733	7242280	25711346	24.377	26.538
33)	L7 AR-1260-3	8.101	6.888	2576202	39165835	11.628	50.152 #
34)	L7 AR-1260-4	8.336	7.360	5029070	8378423	19.993	13.206 #
35)	L7 AR-1260-5	8.681	7.600	2748686	9283886	5.700	5.454
36)	L8 AR-1262-1	8.166	7.066	724890	16832563	5.445	34.040 #
37)	L8 AR-1262-2	8.681	7.600	2748686	9283886	4.826	4.880
38)	L8 AR-1262-3	9.034	7.949f	1373639	13554488	3.794	17.770 #
39)	L8 AR-1262-4	9.102	7.949	1458566	13554488	5.480	10.919 #
40)	L8 AR-1262-5	9.808	8.461	1301567	6547455	6.912	11.488 #
41)	L9 AR-1268-1	9.034	7.949f	1373639	13554488	2.147	6.316 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121219\
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 Acq On : 12 Dec 2019 09:29
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

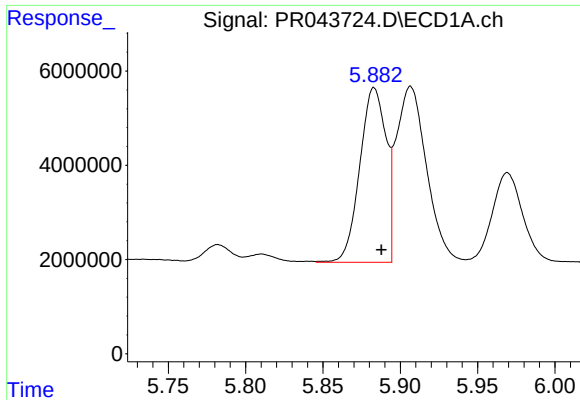
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 13:46:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.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	9.102	7.949	1458566	13554488	2.531	7.471 #
43) L9	AR-1268-3	9.352	8.161	1610239	24142935	3.420	15.681 #
44) L9	AR-1268-4	9.808	8.461	1301567	6547455	6.370	10.677 #
45) L9	AR-1268-5	10.251	8.779	3290944	3117575	2.104	0.737 #

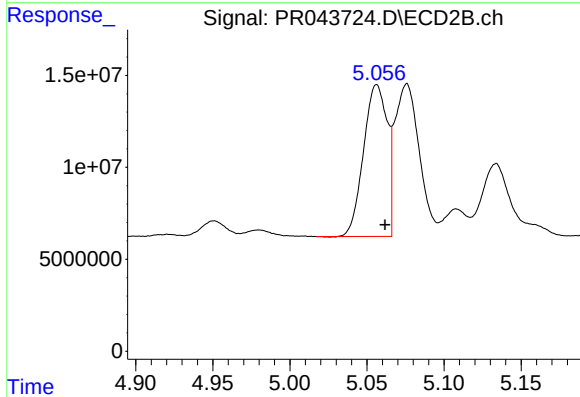
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

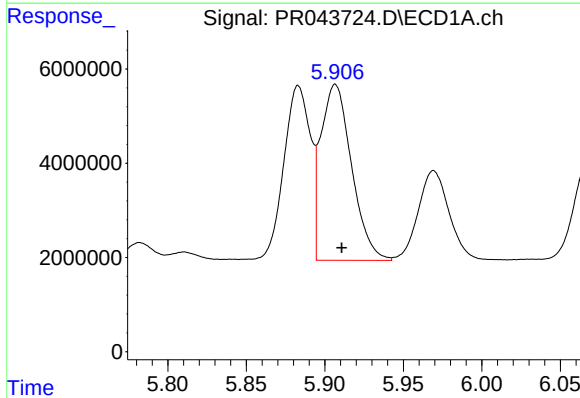
R.T.: 5.883 min
Delta R.T.: -0.005 min
Response: 43778927
Conc: 226.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



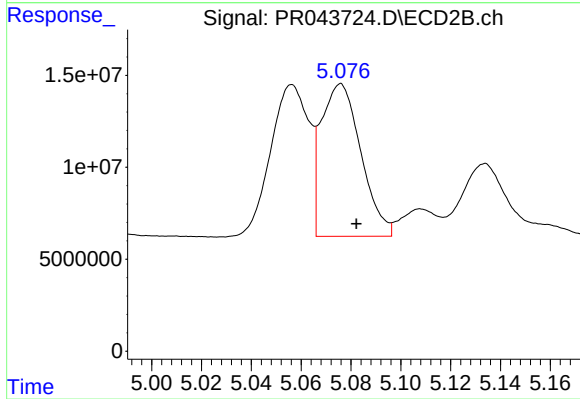
#3 AR-1016-1

R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 87916485
Conc: 215.64 ng/ml



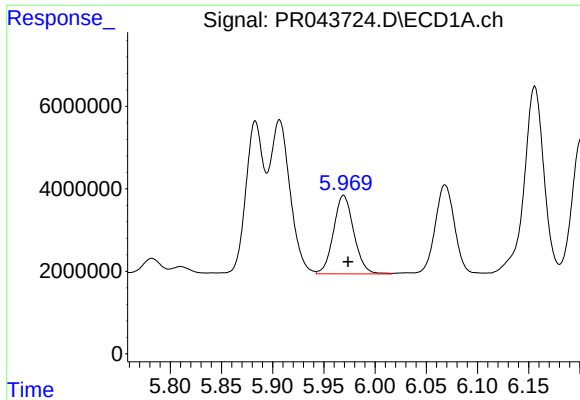
#4 AR-1016-2

R.T.: 5.907 min
Delta R.T.: -0.004 min
Response: 50936231
Conc: 186.03 ng/ml



#4 AR-1016-2

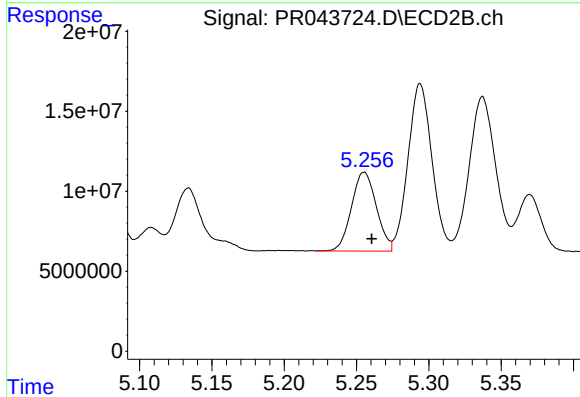
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 91447282
Conc: 163.72 ng/ml



#5 AR-1016-3

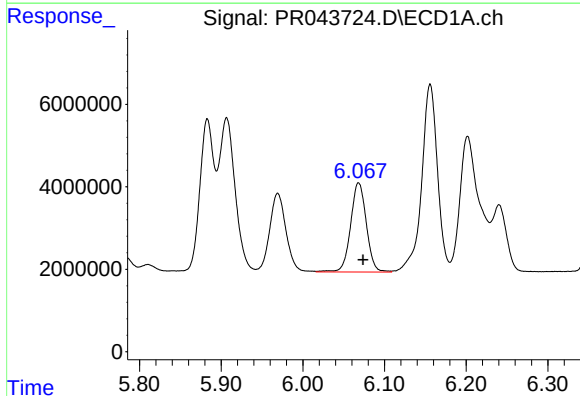
R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 26318398
Conc: 159.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



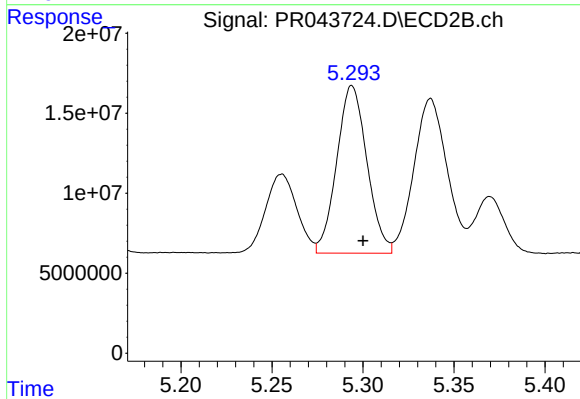
#5 AR-1016-3

R.T.: 5.256 min
Delta R.T.: -0.005 min
Response: 59078912
Conc: 197.75 ng/ml



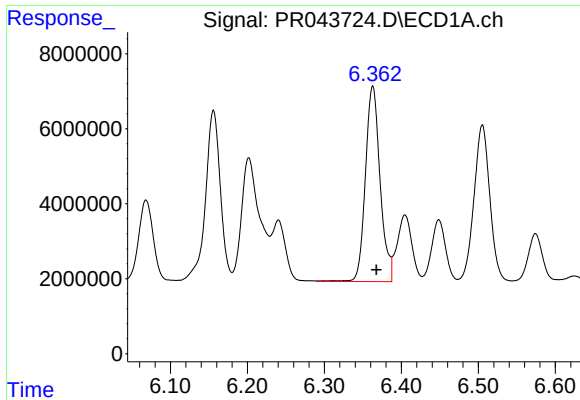
#6 AR-1016-4

R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 28932473
Conc: 210.08 ng/ml



#6 AR-1016-4

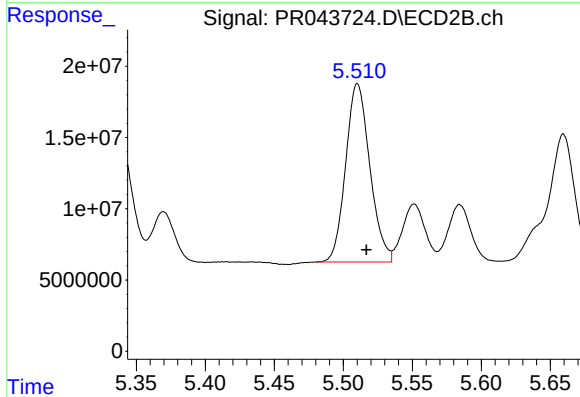
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 121003143
Conc: 503.05 ng/ml



#7 AR-1016-5

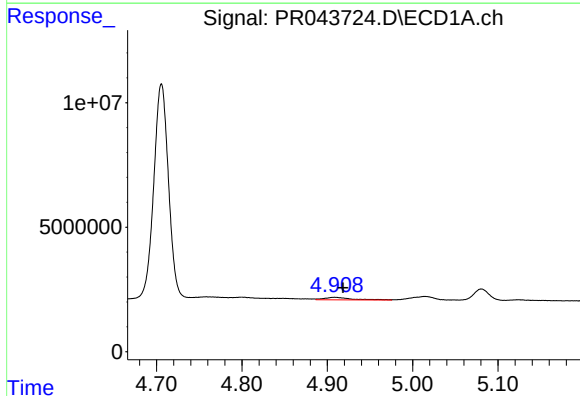
R.T.: 6.363 min
Delta R.T.: -0.004 min
Response: 69208940
Conc: 500.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



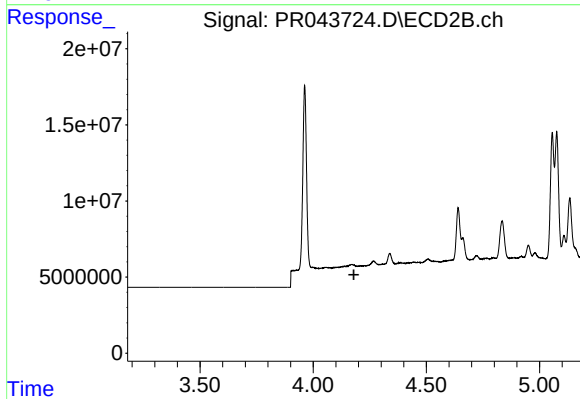
#7 AR-1016-5

R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 152656145
Conc: 480.76 ng/ml



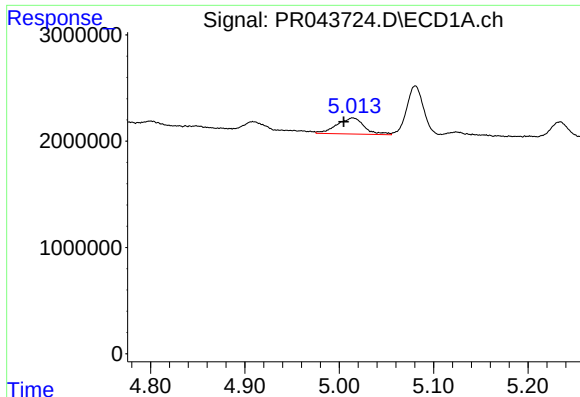
#8 AR-1221-1

R.T.: 4.909 min
Delta R.T.: -0.010 min
Response: 2258676
Conc: 39.37 ng/ml



#8 AR-1221-1

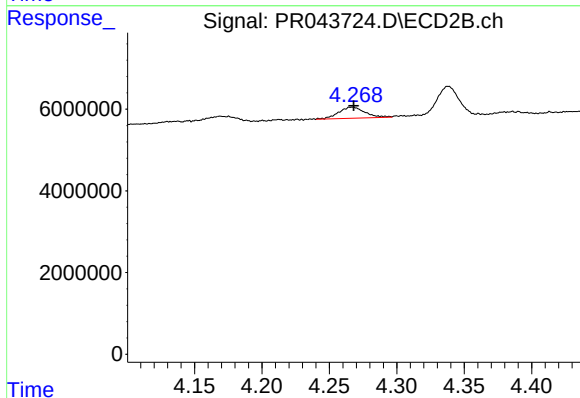
R.T.: 0.000 min
Exp R.T. : 4.180 min
Response: 0
Conc: N.D.



#9 AR-1221-2

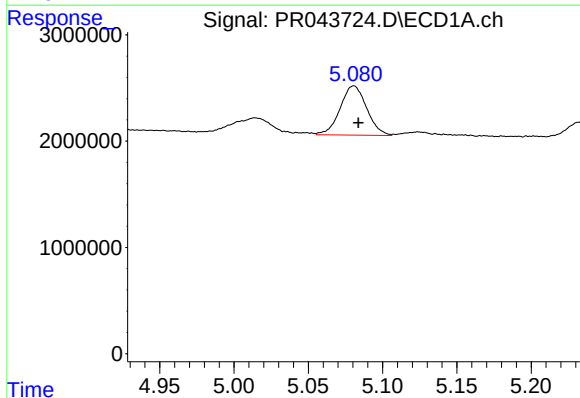
R.T.: 5.014 min
Delta R.T.: 0.010 min
Response: 3046886
Conc: 74.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



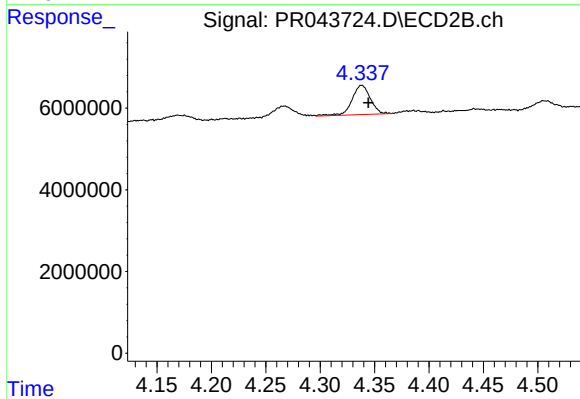
#9 AR-1221-2

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 3721723
Conc: 60.79 ng/ml



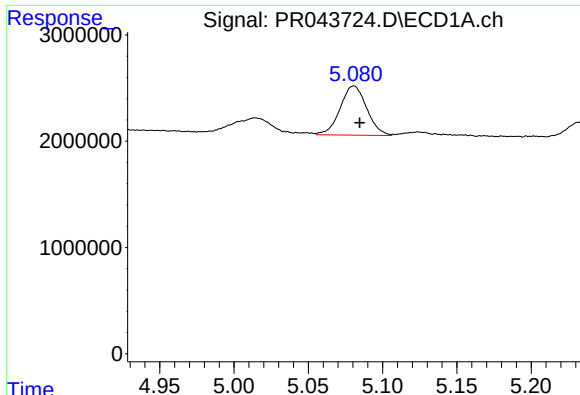
#10 AR-1221-3

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 5755580
Conc: 41.88 ng/ml



#10 AR-1221-3

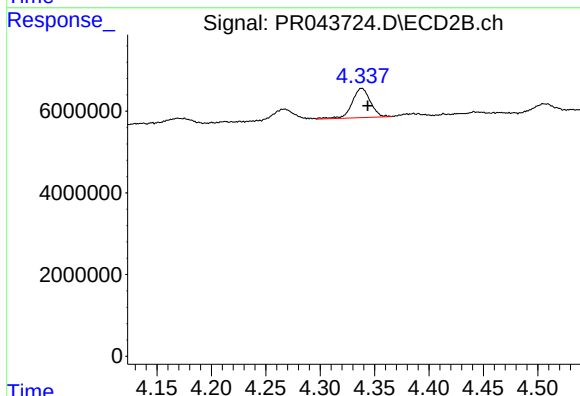
R.T.: 4.338 min
Delta R.T.: -0.006 min
Response: 8406799
Conc: 38.48 ng/ml



#11 AR-1232-1

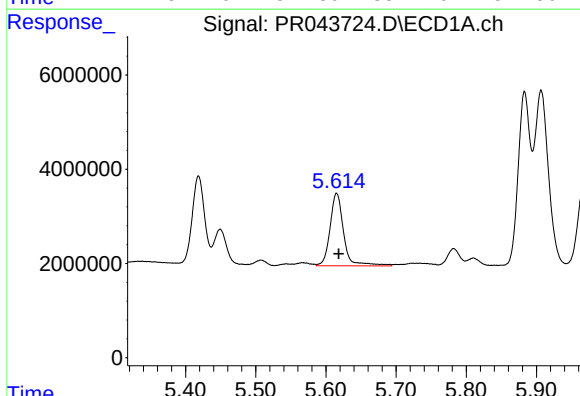
R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 5755580
Conc: 53.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



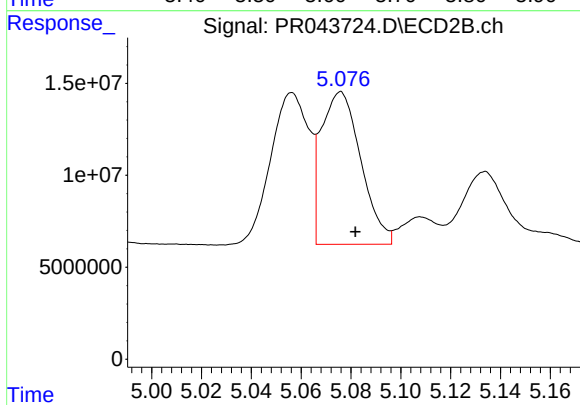
#11 AR-1232-1

R.T.: 4.338 min
Delta R.T.: -0.006 min
Response: 8406799
Conc: 49.84 ng/ml



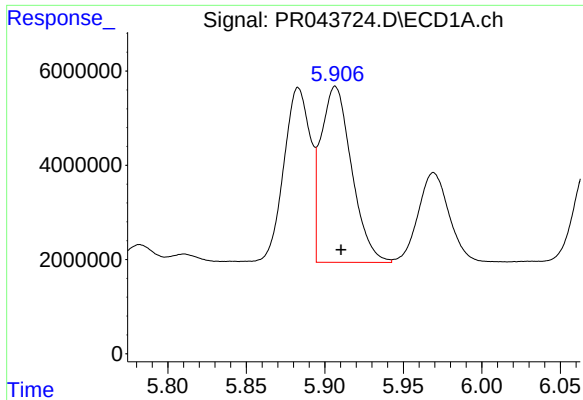
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 20705298
Conc: 374.11 ng/ml



#12 AR-1232-2

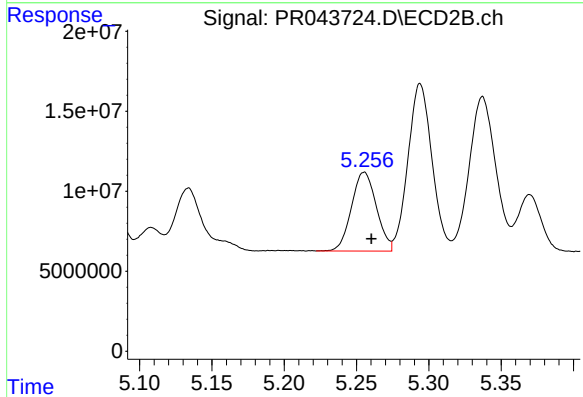
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 91447282
Conc: 391.90 ng/ml



#13 AR-1232-3

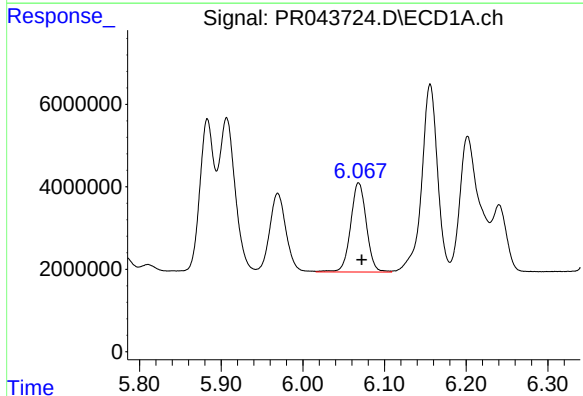
R.T.: 5.907 min
Delta R.T.: -0.004 min
Response: 50936231
Conc: 449.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



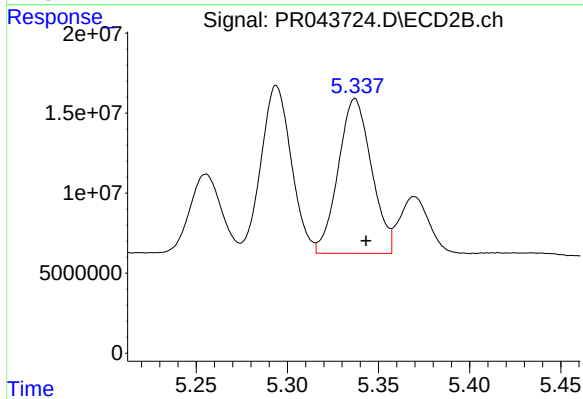
#13 AR-1232-3

R.T.: 5.256 min
Delta R.T.: -0.005 min
Response: 59078912
Conc: 482.78 ng/ml



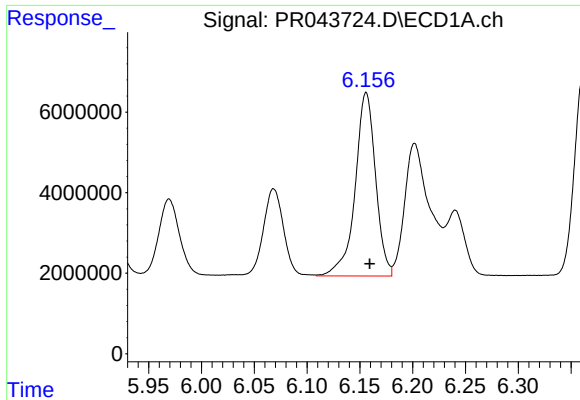
#14 AR-1232-4

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 28932473
Conc: 497.76 ng/ml



#14 AR-1232-4

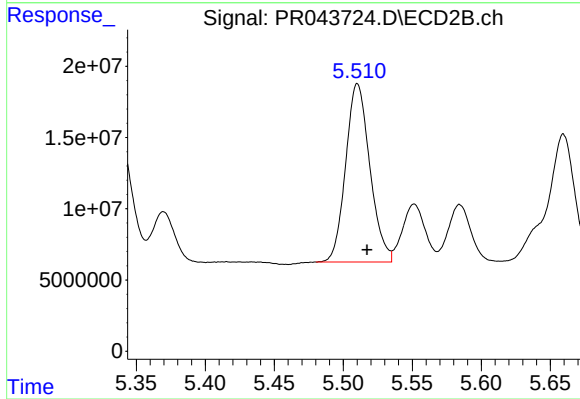
R.T.: 5.337 min
Delta R.T.: -0.006 min
Response: 122642323
Conc: 1155.36 ng/ml



#15 AR-1232-5

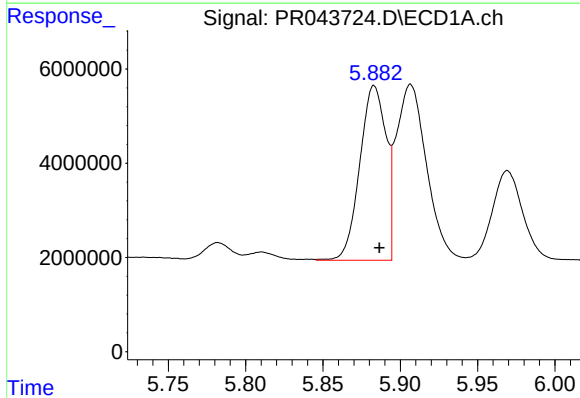
R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 61313987
Conc: 1373.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



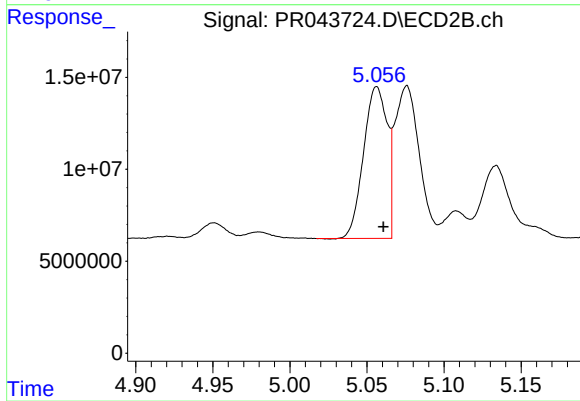
#15 AR-1232-5

R.T.: 5.510 min
Delta R.T.: -0.007 min
Response: 152656145
Conc: 1274.91 ng/ml



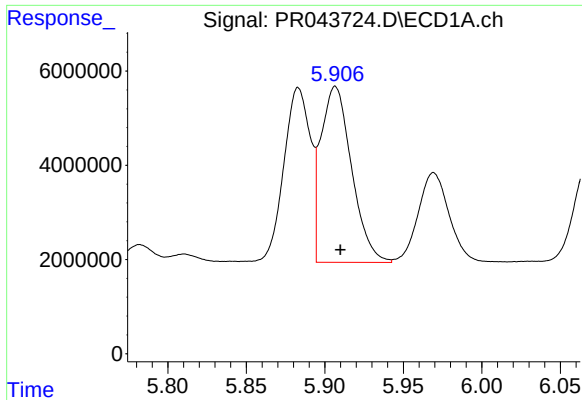
#16 AR-1242-1

R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 43778927
Conc: 269.32 ng/ml



#16 AR-1242-1

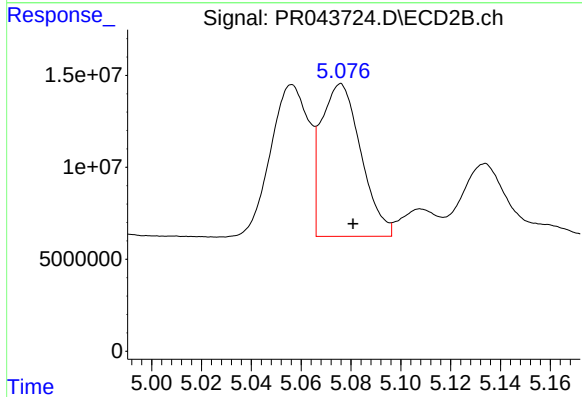
R.T.: 5.056 min
Delta R.T.: -0.004 min
Response: 87916485
Conc: 265.90 ng/ml



#17 AR-1242-2

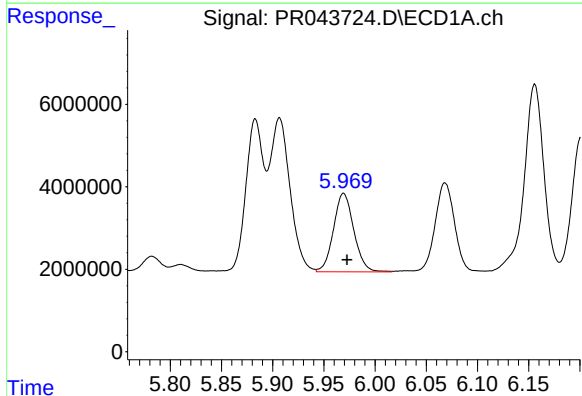
R.T.: 5.907 min
Delta R.T.: -0.003 min
Response: 50936231
Conc: 223.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



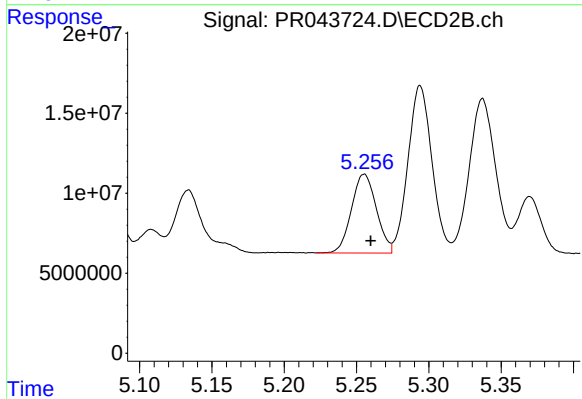
#17 AR-1242-2

R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 91447282
Conc: 200.04 ng/ml



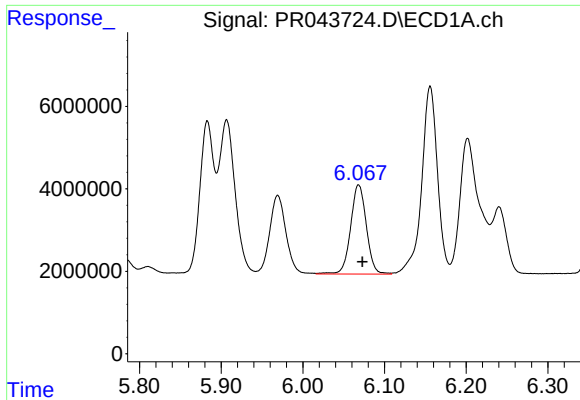
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: -0.003 min
Response: 26318398
Conc: 191.34 ng/ml



#18 AR-1242-3

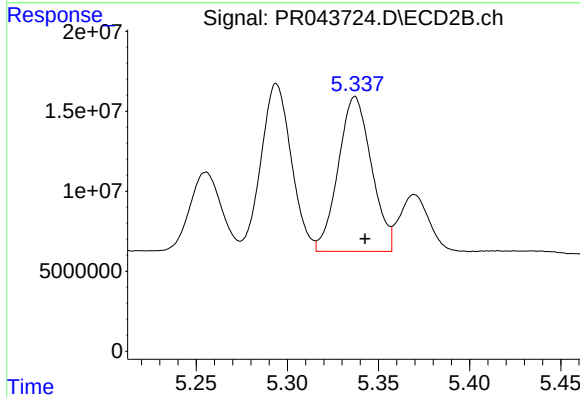
R.T.: 5.256 min
Delta R.T.: -0.004 min
Response: 59078912
Conc: 242.41 ng/ml



#19 AR-1242-4

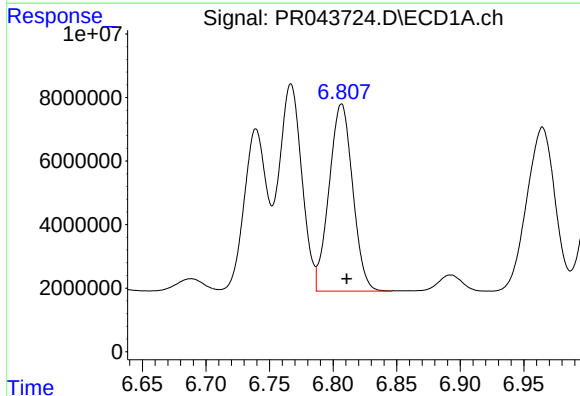
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 28932473
Conc: 252.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



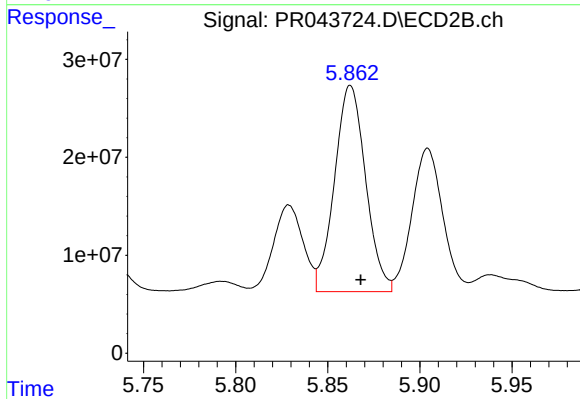
#19 AR-1242-4

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 122642323
Conc: 520.61 ng/ml



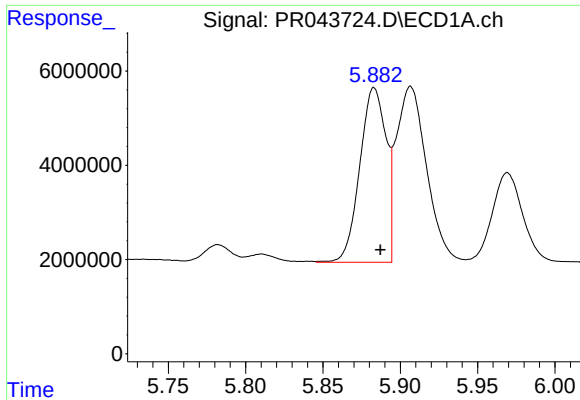
#20 AR-1242-5

R.T.: 6.807 min
Delta R.T.: -0.004 min
Response: 76144337
Conc: 598.62 ng/ml



#20 AR-1242-5

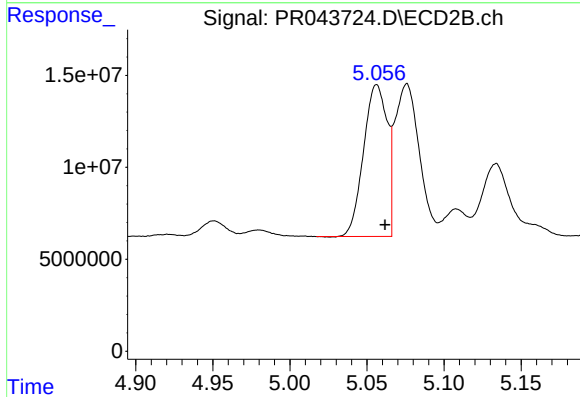
R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 247161742
Conc: 725.04 ng/ml



#21 AR-1248-1

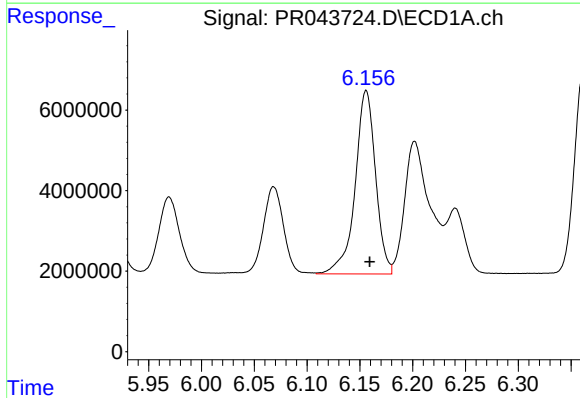
R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 43778927
Conc: 368.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



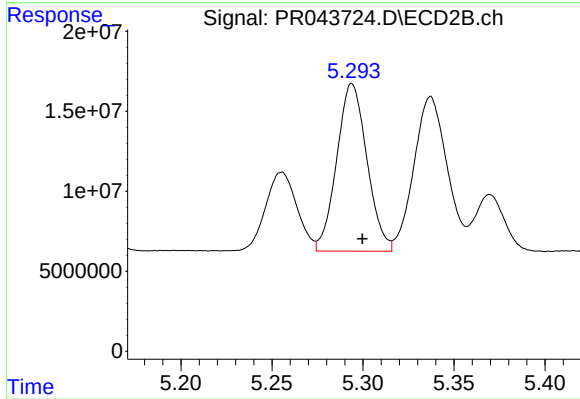
#21 AR-1248-1

R.T.: 5.056 min
Delta R.T.: -0.005 min
Response: 87916485
Conc: 359.28 ng/ml



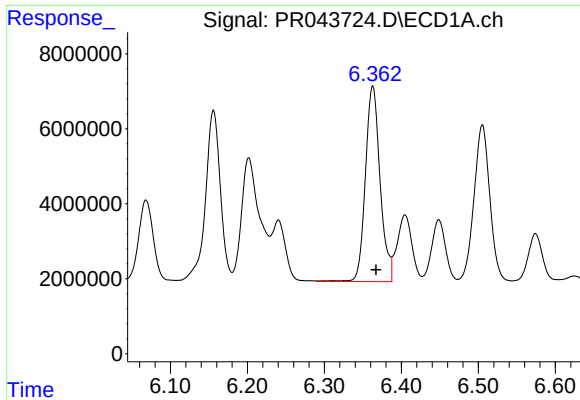
#22 AR-1248-2

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 61313987
Conc: 376.34 ng/ml



#22 AR-1248-2

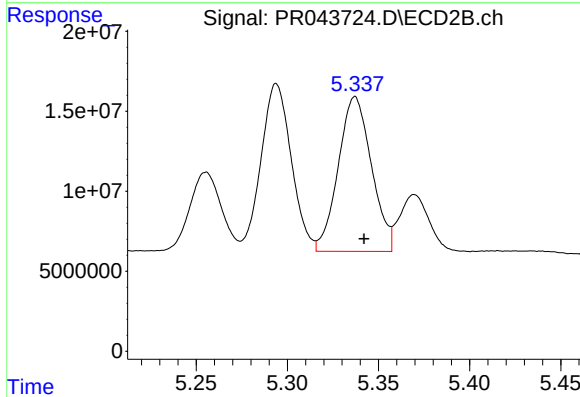
R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 121003143
Conc: 373.15 ng/ml



#23 AR-1248-3

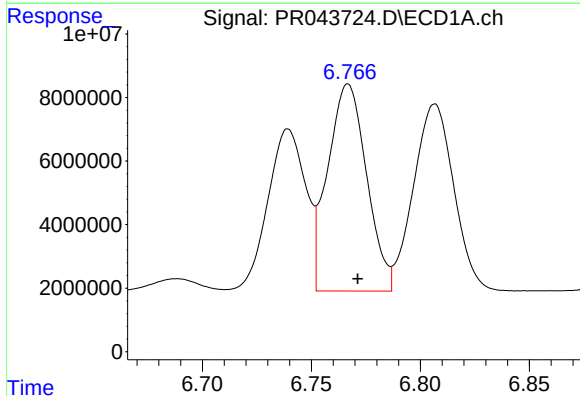
R.T.: 6.363 min
Delta R.T.: -0.004 min
Response: 69208940
Conc: 381.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



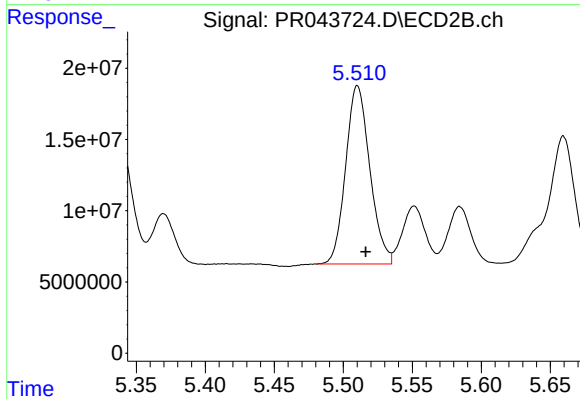
#23 AR-1248-3

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 122642323
Conc: 372.39 ng/ml



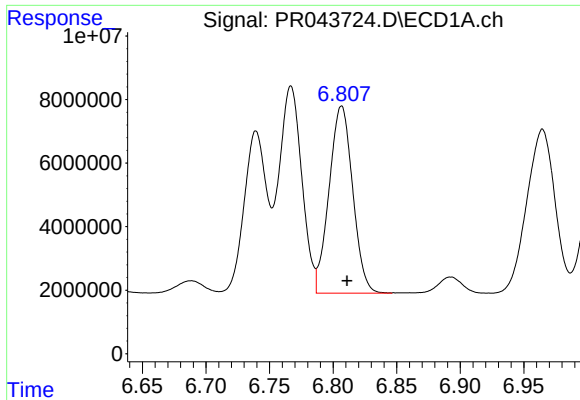
#24 AR-1248-4

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 80967901
Conc: 386.78 ng/ml



#24 AR-1248-4

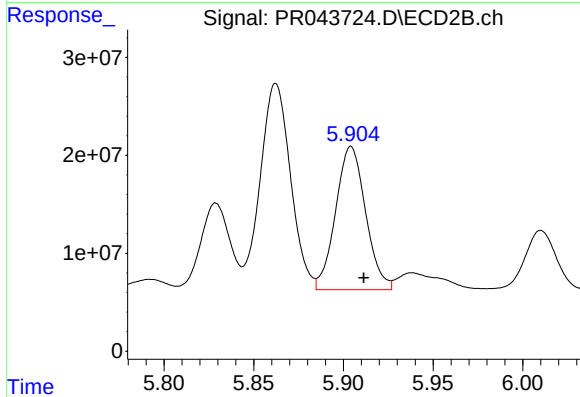
R.T.: 5.510 min
Delta R.T.: -0.006 min
Response: 152656145
Conc: 368.20 ng/ml



#25 AR-1248-5

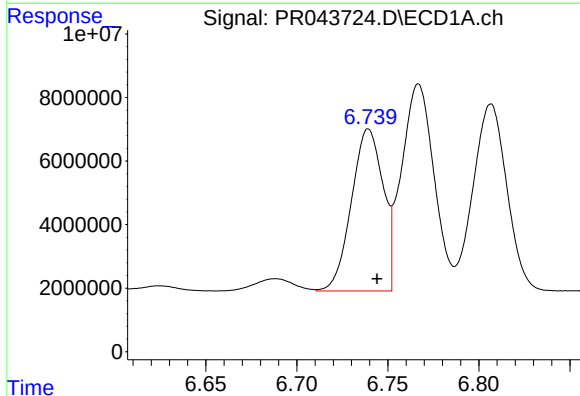
R.T.: 6.807 min
Delta R.T.: -0.004 min
Response: 76144337
Conc: 383.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



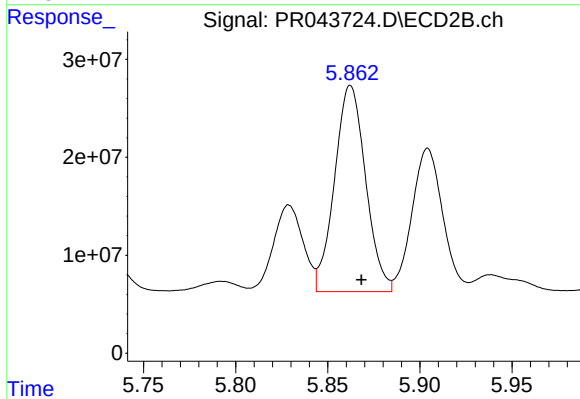
#25 AR-1248-5

R.T.: 5.904 min
Delta R.T.: -0.007 min
Response: 170351819
Conc: 383.28 ng/ml



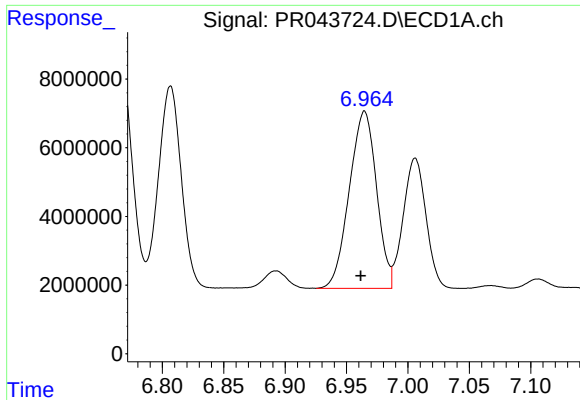
#26 AR-1254-1

R.T.: 6.739 min
Delta R.T.: -0.005 min
Response: 61704093
Conc: 282.31 ng/ml



#26 AR-1254-1

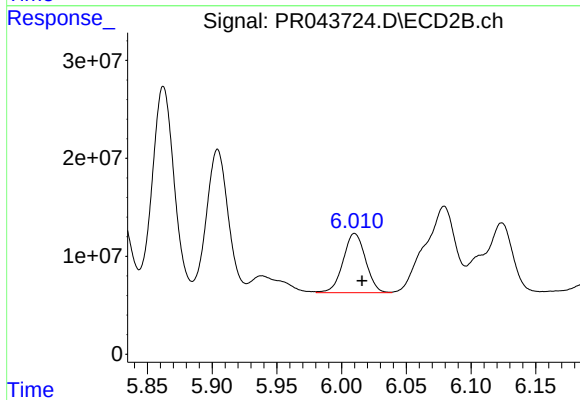
R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 247161742
Conc: 346.91 ng/ml



#27 AR-1254-2

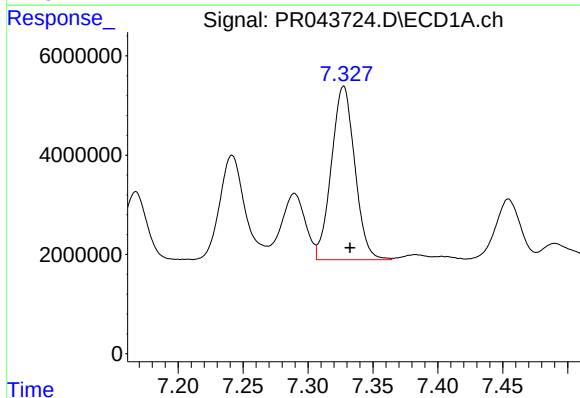
R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 79560830
Conc: 235.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



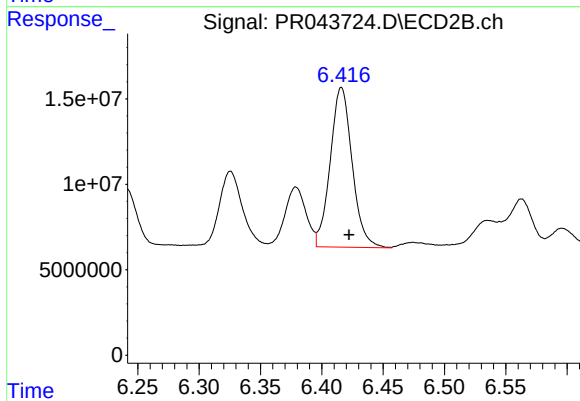
#27 AR-1254-2

R.T.: 6.010 min
Delta R.T.: -0.006 min
Response: 72875673
Conc: 113.93 ng/ml



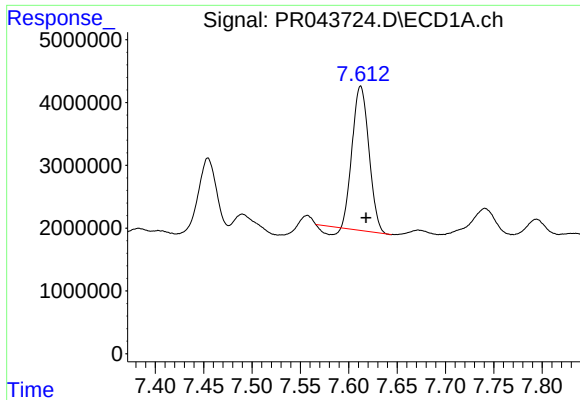
#28 AR-1254-3

R.T.: 7.327 min
Delta R.T.: -0.005 min
Response: 43921507
Conc: 125.57 ng/ml



#28 AR-1254-3

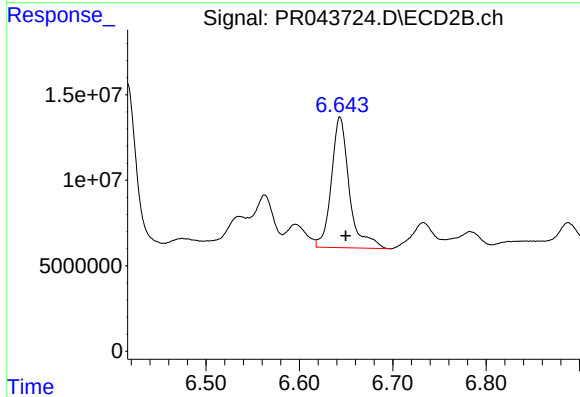
R.T.: 6.416 min
Delta R.T.: -0.006 min
Response: 116306440
Conc: 114.90 ng/ml



#29 AR-1254-4

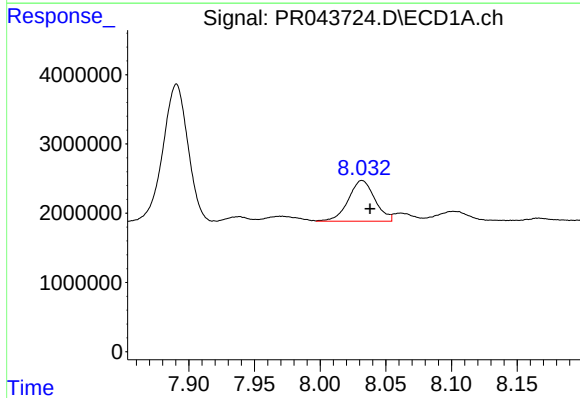
R.T.: 7.612 min
Delta R.T.: -0.006 min
Response: 26855444
Conc: 107.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



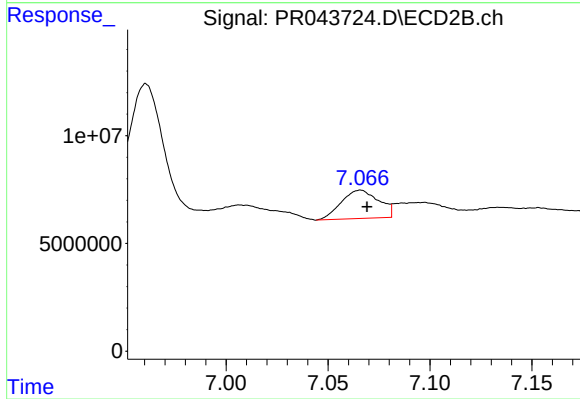
#29 AR-1254-4

R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 102098685
Conc: 141.79 ng/ml



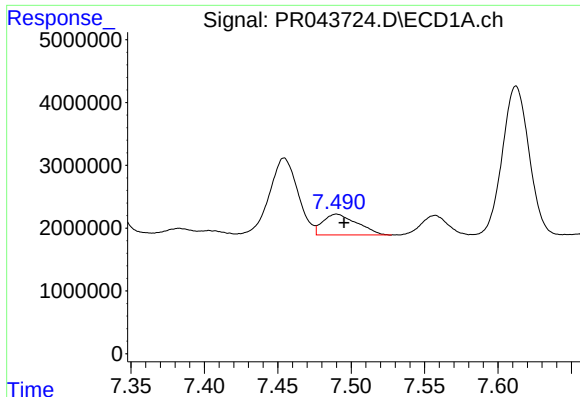
#30 AR-1254-5

R.T.: 8.032 min
Delta R.T.: -0.006 min
Response: 8296441
Conc: 32.19 ng/ml



#30 AR-1254-5

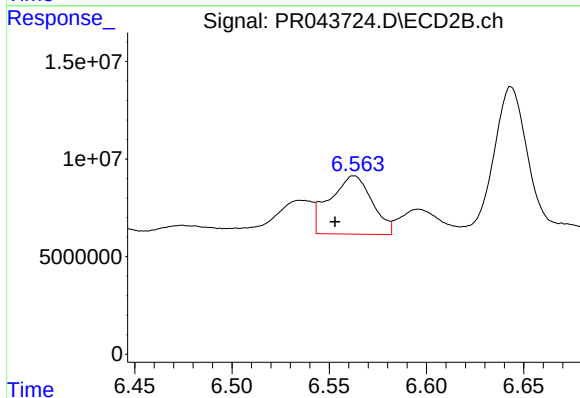
R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 16832563
Conc: 19.76 ng/ml



#31 AR-1260-1

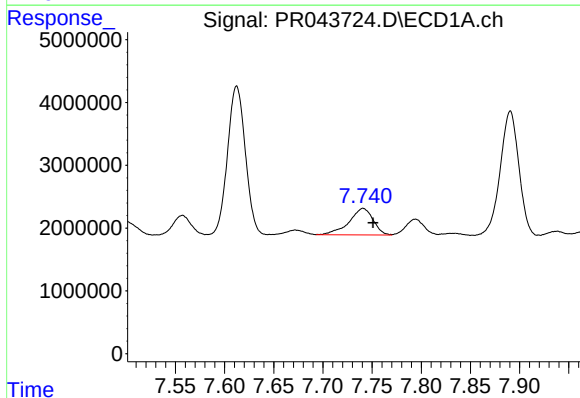
R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 5359122
Conc: 21.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



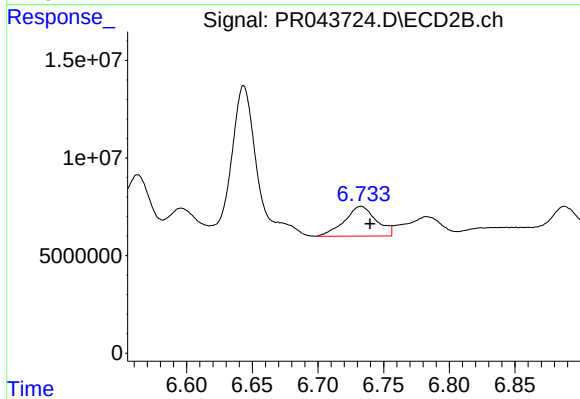
#31 AR-1260-1

R.T.: 6.563 min
Delta R.T.: 0.010 min
Response: 45276931
Conc: 66.83 ng/ml



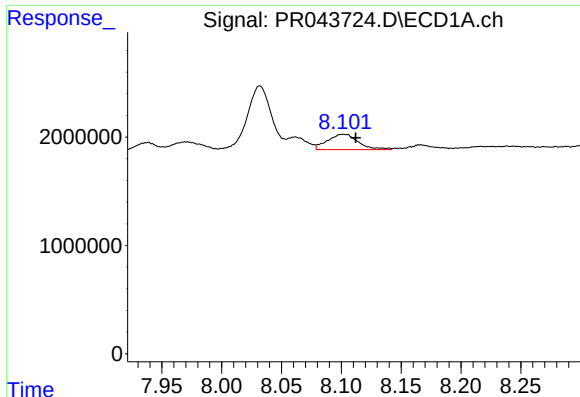
#32 AR-1260-2

R.T.: 7.741 min
Delta R.T.: -0.010 min
Response: 7242280
Conc: 24.38 ng/ml



#32 AR-1260-2

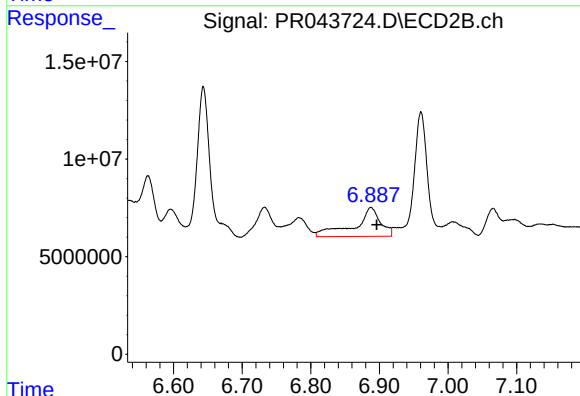
R.T.: 6.733 min
Delta R.T.: -0.007 min
Response: 25711346
Conc: 26.54 ng/ml



#33 AR-1260-3

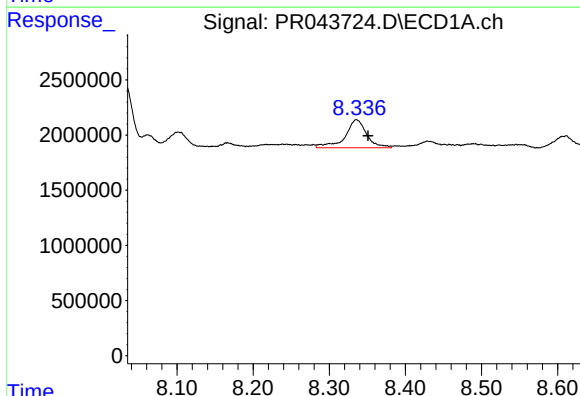
R.T.: 8.101 min
Delta R.T.: -0.011 min
Response: 2576202
Conc: 11.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



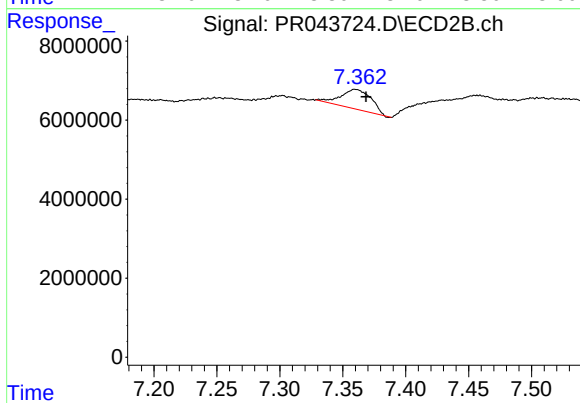
#33 AR-1260-3

R.T.: 6.888 min
Delta R.T.: -0.008 min
Response: 39165835
Conc: 50.15 ng/ml



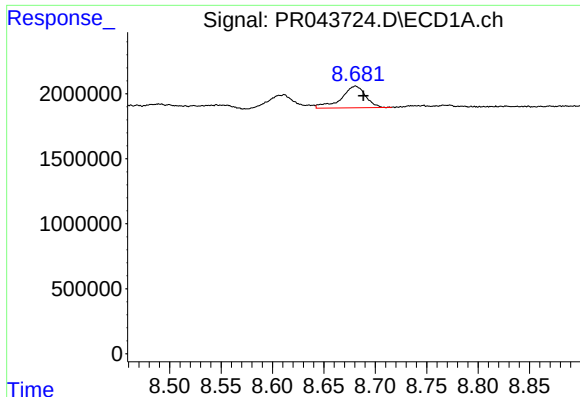
#34 AR-1260-4

R.T.: 8.336 min
Delta R.T.: -0.015 min
Response: 5029070
Conc: 19.99 ng/ml



#34 AR-1260-4

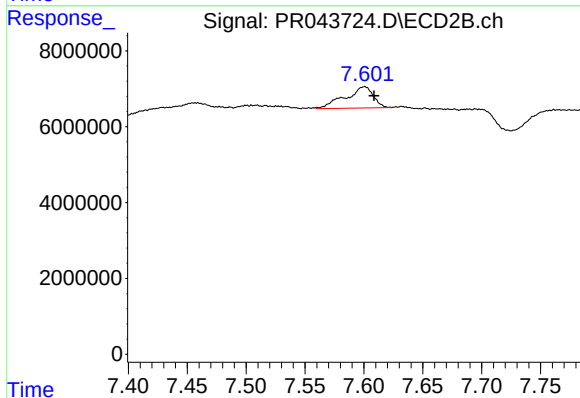
R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 8378423
Conc: 13.21 ng/ml



#35 AR-1260-5

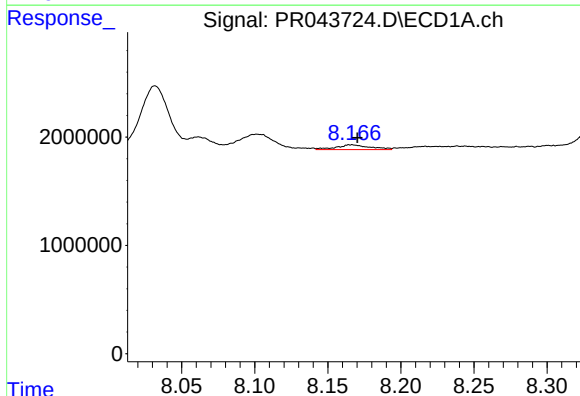
R.T.: 8.681 min
Delta R.T.: -0.008 min
Response: 2748686
Conc: 5.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



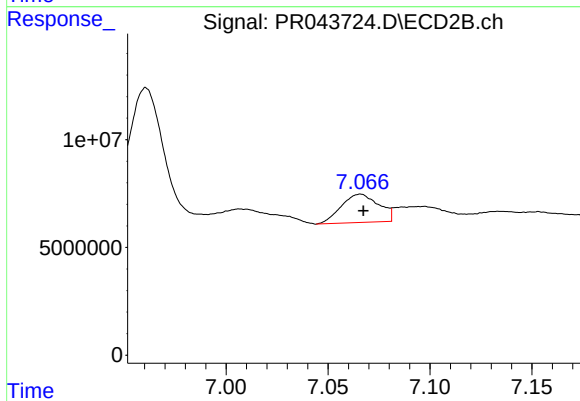
#35 AR-1260-5

R.T.: 7.600 min
Delta R.T.: -0.008 min
Response: 9283886
Conc: 5.45 ng/ml



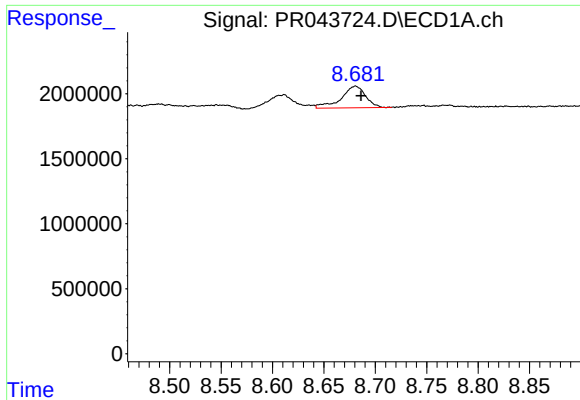
#36 AR-1262-1

R.T.: 8.166 min
Delta R.T.: -0.004 min
Response: 724890
Conc: 5.45 ng/ml



#36 AR-1262-1

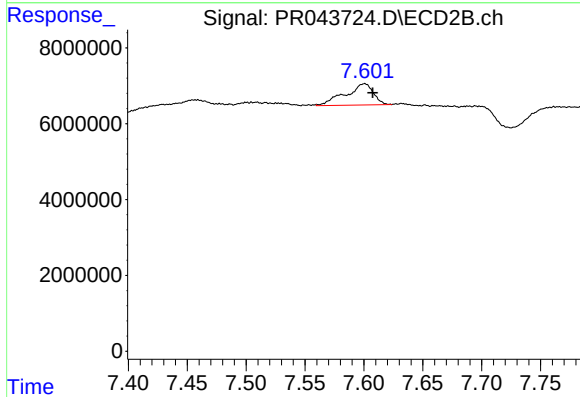
R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 16832563
Conc: 34.04 ng/ml



#37 AR-1262-2

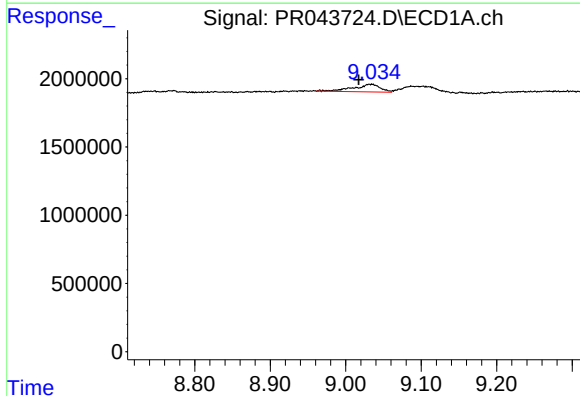
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 2748686
Conc: 4.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



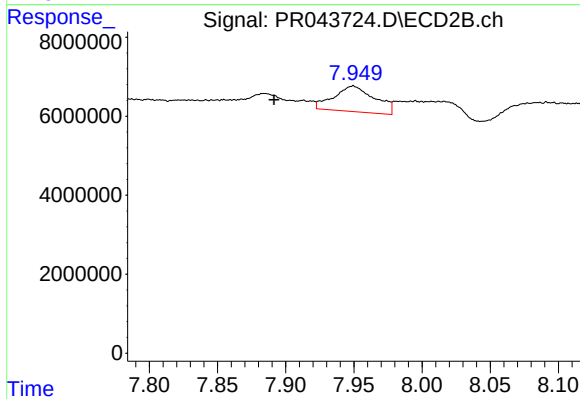
#37 AR-1262-2

R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 9283886
Conc: 4.88 ng/ml



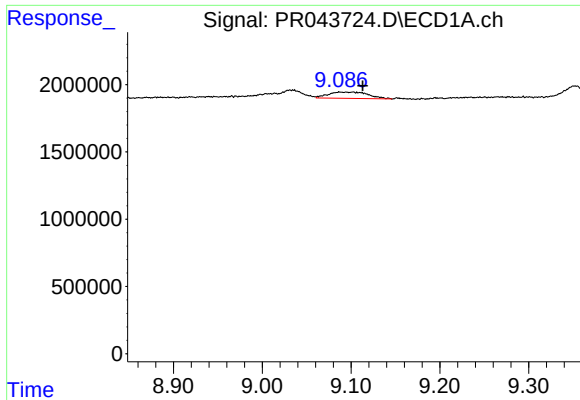
#38 AR-1262-3

R.T.: 9.034 min
Delta R.T.: 0.017 min
Response: 1373639
Conc: 3.79 ng/ml



#38 AR-1262-3

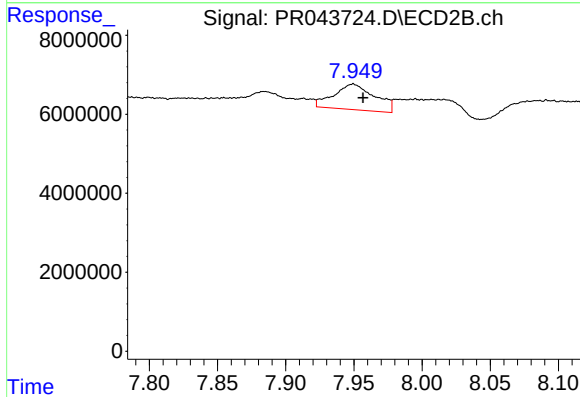
R.T.: 7.949 min
Delta R.T.: 0.058 min
Response: 13554488
Conc: 17.77 ng/ml



#39 AR-1262-4

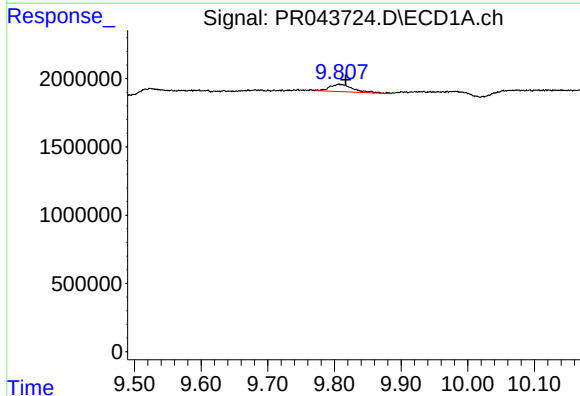
R.T.: 9.102 min
Delta R.T.: -0.011 min
Response: 1458566
Conc: 5.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



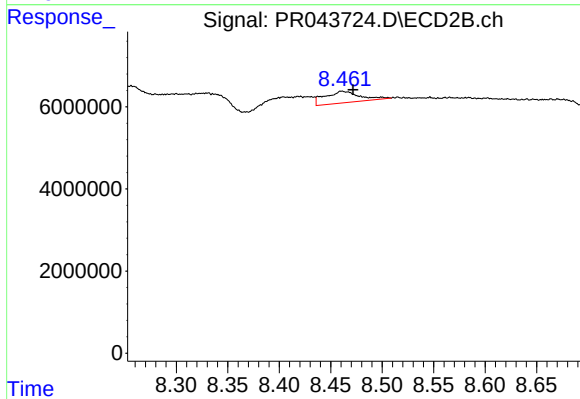
#39 AR-1262-4

R.T.: 7.949 min
Delta R.T.: -0.008 min
Response: 13554488
Conc: 10.92 ng/ml



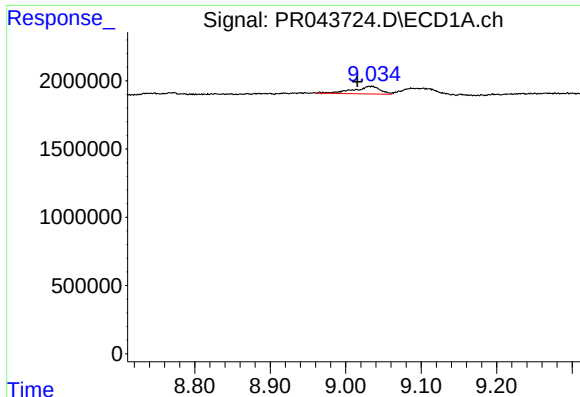
#40 AR-1262-5

R.T.: 9.808 min
Delta R.T.: -0.009 min
Response: 1301567
Conc: 6.91 ng/ml



#40 AR-1262-5

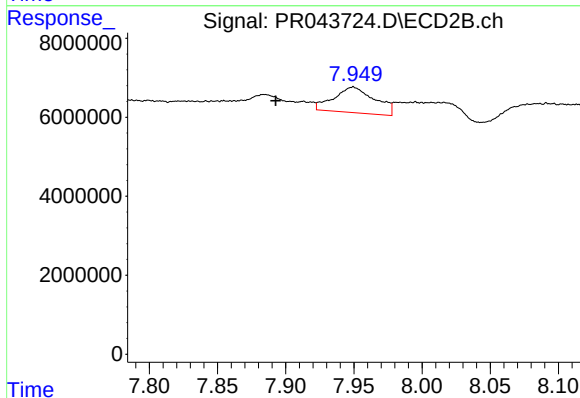
R.T.: 8.461 min
Delta R.T.: -0.011 min
Response: 6547455
Conc: 11.49 ng/ml



#41 AR-1268-1

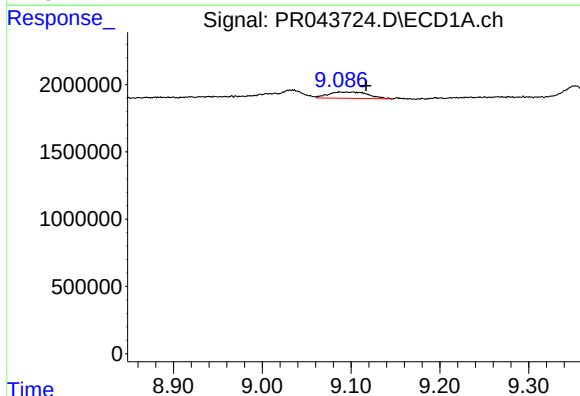
R.T.: 9.034 min
Delta R.T.: 0.018 min
Response: 1373639
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



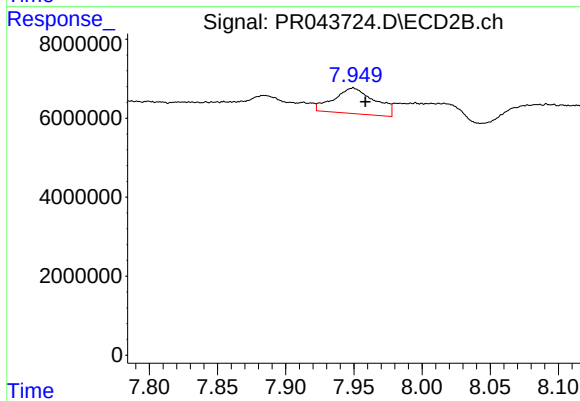
#41 AR-1268-1

R.T.: 7.949 min
Delta R.T.: 0.057 min
Response: 13554488
Conc: 6.32 ng/ml



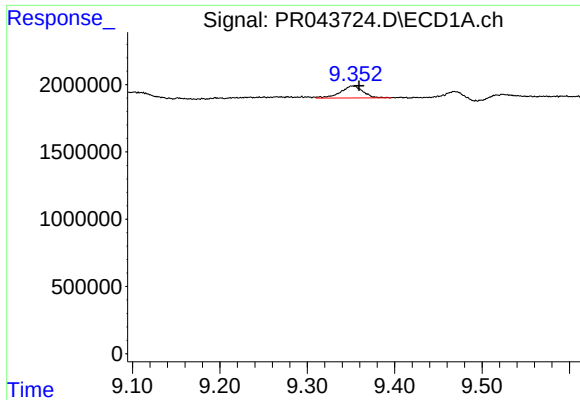
#42 AR-1268-2

R.T.: 9.102 min
Delta R.T.: -0.015 min
Response: 1458566
Conc: 2.53 ng/ml



#42 AR-1268-2

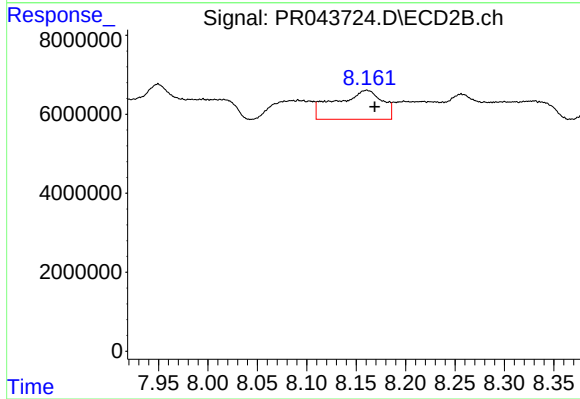
R.T.: 7.949 min
Delta R.T.: -0.009 min
Response: 13554488
Conc: 7.47 ng/ml



#43 AR-1268-3

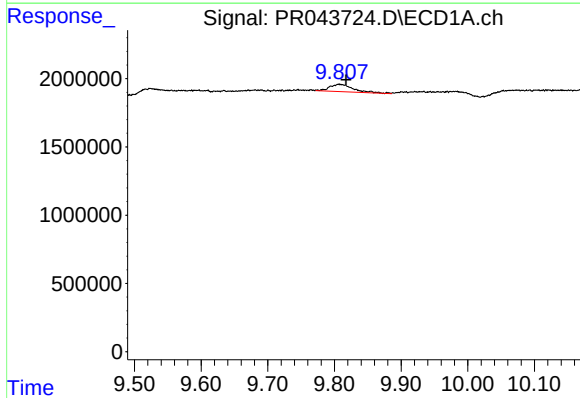
R.T.: 9.352 min
Delta R.T.: -0.007 min
Response: 1610239
Conc: 3.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



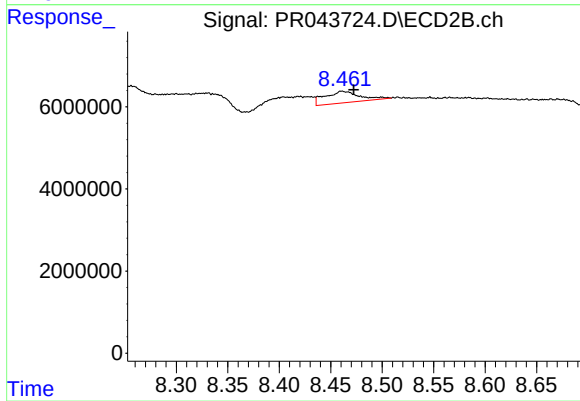
#43 AR-1268-3

R.T.: 8.161 min
Delta R.T.: -0.008 min
Response: 24142935
Conc: 15.68 ng/ml



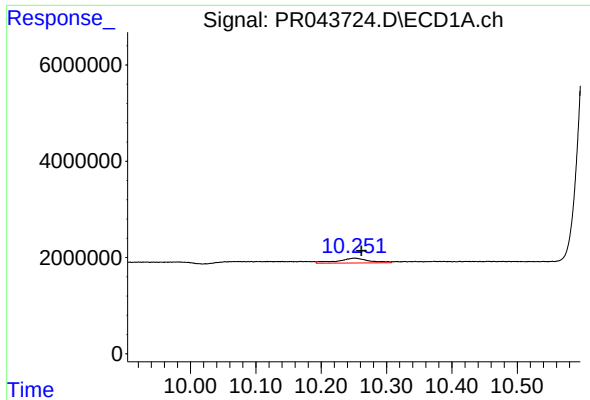
#44 AR-1268-4

R.T.: 9.808 min
Delta R.T.: -0.010 min
Response: 1301567
Conc: 6.37 ng/ml



#44 AR-1268-4

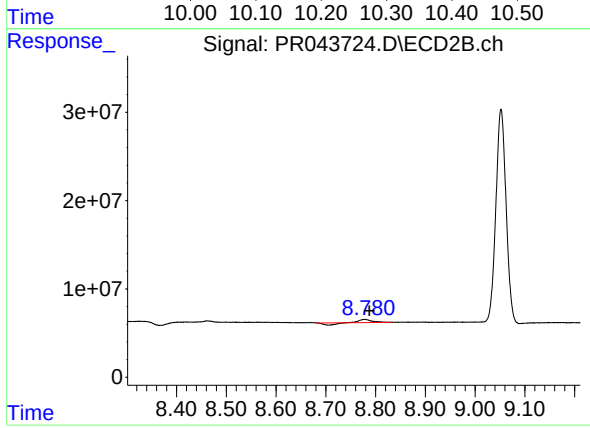
R.T.: 8.461 min
Delta R.T.: -0.011 min
Response: 6547455
Conc: 10.68 ng/ml



#45 AR-1268-5

R.T.: 10.251 min
Delta R.T.: -0.010 min
Response: 3290944
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.779 min
Delta R.T.: -0.009 min
Response: 3117575
Conc: 0.74 ng/ml