

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060719\
 Data File : PR038573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2019 22:36
 Operator : SM\MA
 Sample : K3212-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 23:46:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 01:26:25 2019
 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...	3.774	4.621	43254038	146.6E6	20.296	20.727
2)	SA Decachlor...	8.732	10.373	21922781	49029412	8.774	7.967
Target Compounds							
3)	L1 AR-1016-1	0.000	5.725	0	22570801	N.D.	84.217 #
5)	L1 AR-1016-3	5.078	0.000	1274830	0	19.699	N.D. #
6)	L1 AR-1016-4	5.078	5.937	1274830	17500300	24.579	92.771 #
7)	L1 AR-1016-5	5.244	6.245	4349438	11595873	63.663	62.140
8)	L2 AR-1221-1	3.974	0.000	2041655	0	50.749	N.D. #
9)	L2 AR-1221-2	4.073	0.000	2140027	0	69.492	N.D. #
10)	L2 AR-1221-3	4.189	5.014	8284156	6745758	84.070	22.587 #
11)	L3 AR-1232-1	4.189	5.014	8284156	6745758	116.621	31.659 #
12)	L3 AR-1232-2	0.000	5.499	0	10039967	N.D.	88.165 #
13)	L3 AR-1232-3	5.078	0.000	1274830	0	30.750	N.D. #
14)	L3 AR-1232-4	5.078	5.937	1274830	17500300	35.402	144.728 #
15)	L3 AR-1232-5	5.244	6.049	4349438	5824960	106.843	67.105 #
16)	L4 AR-1242-1	0.000	5.725	0	22570801	N.D.	63.710 #
18)	L4 AR-1242-3	5.078	0.000	1274830	0	15.032	N.D. #
19)	L4 AR-1242-4	5.078	5.937	1274830	17500300	15.779	69.644 #
20)	L4 AR-1242-5	5.640	6.662	14163795	33489666	120.940	116.013
21)	L5 AR-1248-1	0.000	5.725	0	22570801	N.D.	80.836 #
22)	L5 AR-1248-2	5.078	6.049	1274830	5824960	10.873	15.957 #
23)	L5 AR-1248-3	5.078	6.245	1274830	11595873	10.543	27.301 #
24)	L5 AR-1248-4	5.244	6.640	4349438	55209191	28.835	109.396 #
25)	L5 AR-1248-5	5.664	6.662	11740399	33489666	72.487	70.127
26)	L6 AR-1254-1	5.640	6.640	14163795	55209191	64.091	118.685 #
27)	L6 AR-1254-2	5.779	6.839	10281758	54558653	54.240	82.215 #
28)	L6 AR-1254-3	6.178	7.202	22092383	56886088	70.167	75.116
29)	L6 AR-1254-4	6.402	7.483	21781927	47236647	101.252	81.971
30)	L6 AR-1254-5	6.815	7.898	35243025	69592373	124.206	114.131
31)	L7 AR-1260-1	6.306	7.363	14823522	27202687	112.135	79.165 #
32)	L7 AR-1260-2	6.490	7.616	13936886	60911561	81.717	150.294 #
33)	L7 AR-1260-3	6.642	7.963	12956569	9492428	85.817	31.184 #
34)	L7 AR-1260-4	7.110	8.190	2352623	31144698	18.201	87.493 #
35)	L7 AR-1260-5	7.346	8.524	6101861	23246372	17.905	31.984 #
36)	L8 AR-1262-1	6.884	7.963	3224549	9492428	26.947	13.420 #
37)	L8 AR-1262-2	7.346	8.524	6101861	23246372	9.459	16.412 #
38)	L8 AR-1262-3	7.666	8.864	3068224	13038684	11.253	14.397 #
39)	L8 AR-1262-4	7.690	0.000	7252990	0	14.819	N.D. #
40)	L8 AR-1262-5	8.183	0.000	3324831	0	15.094	N.D. #
41)	L9 AR-1268-1	7.666	8.864	3068224	13038684	5.925	11.938 #
42)	L9 AR-1268-2	7.690	0.000	7252990	0	15.498	N.D. #
43)	L9 AR-1268-3	7.924	0.000	3509714	0	9.069	N.D. #

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 Operator : SM\MA
 Sample : K3212-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

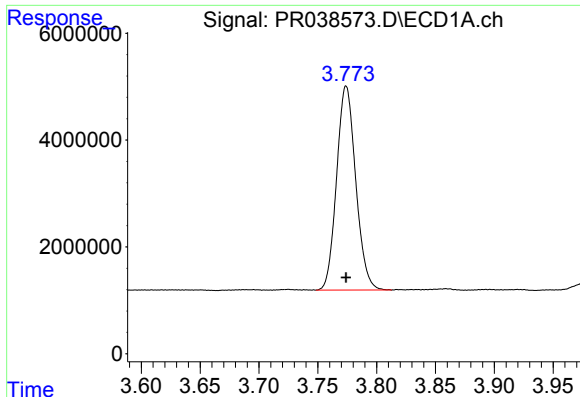
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 23:46:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
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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
44) L9	AR-1268-4	8.183	0.000	3324831	0	20.559	N.D. #
45) L9	AR-1268-5	8.468	0.000	2742764	0	2.252	N.D. #

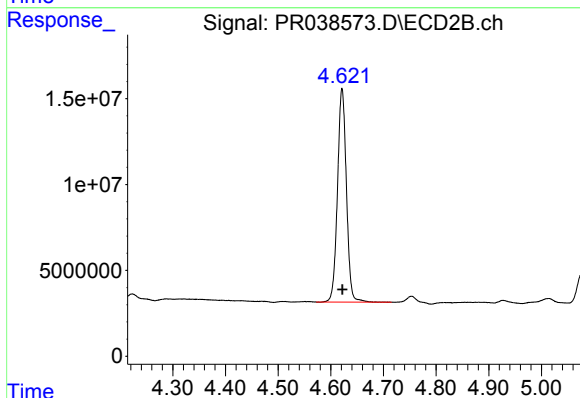
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

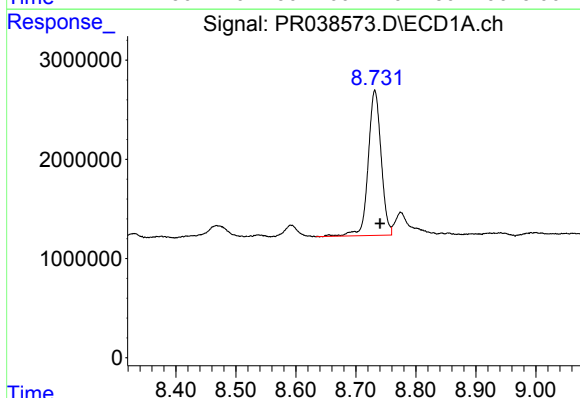
R.T.: 3.774 min
Delta R.T.: 0.000 min
Response: 43254038
Conc: 20.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



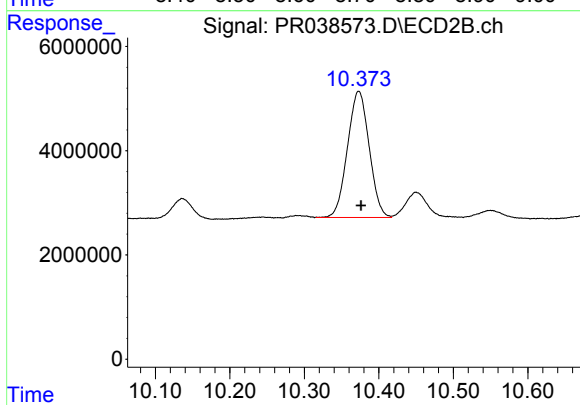
#1 Tetrachloro-m-xylene

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 146629804
Conc: 20.73 ng/ml



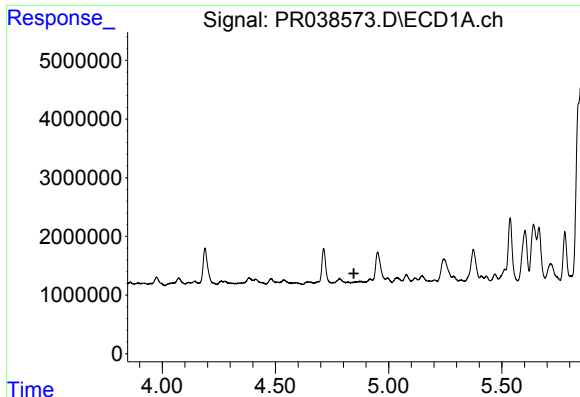
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.008 min
Response: 21922781
Conc: 8.77 ng/ml



#2 Decachlorobiphenyl

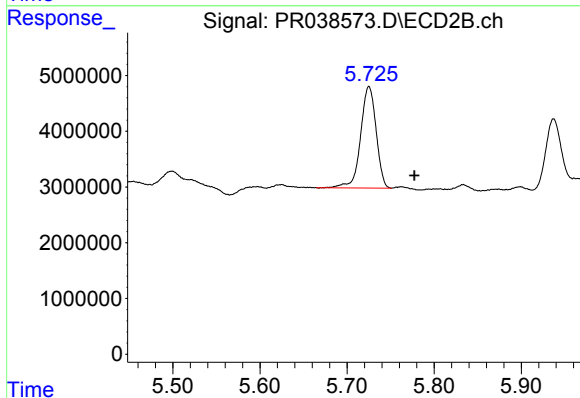
R.T.: 10.373 min
Delta R.T.: -0.003 min
Response: 49029412
Conc: 7.97 ng/ml



#3 AR-1016-1

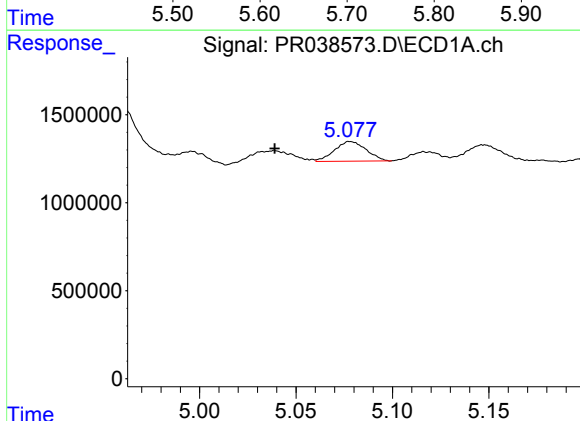
R.T.: 0.000 min
Exp R.T.: 4.847 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



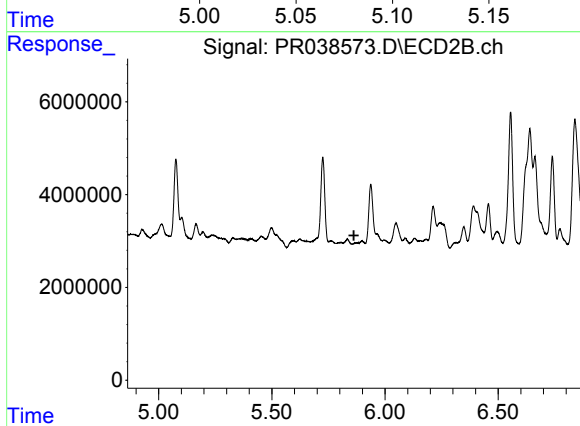
#3 AR-1016-1

R.T.: 5.725 min
Delta R.T.: -0.052 min
Response: 22570801
Conc: 84.22 ng/ml



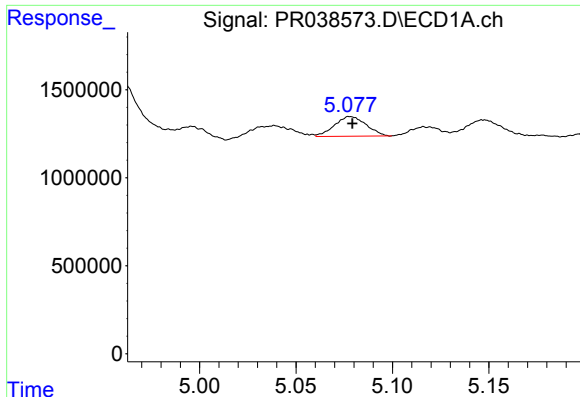
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: 0.039 min
Response: 1274830
Conc: 19.70 ng/ml



#5 AR-1016-3

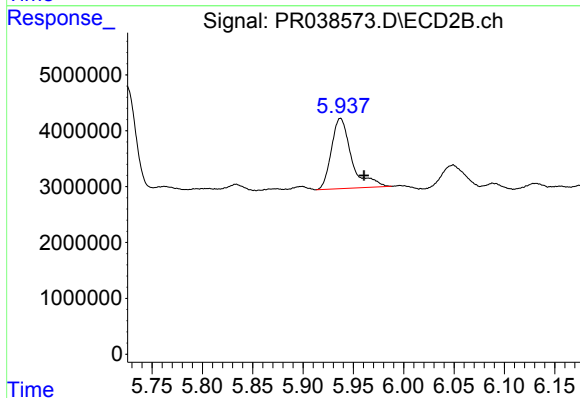
R.T.: 0.000 min
Exp R.T.: 5.863 min
Response: 0
Conc: N.D.



#6 AR-1016-4

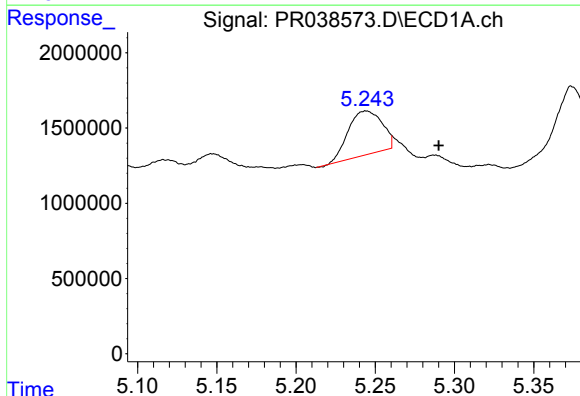
R.T.: 5.078 min
Delta R.T.: -0.001 min
Response: 1274830
Conc: 24.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



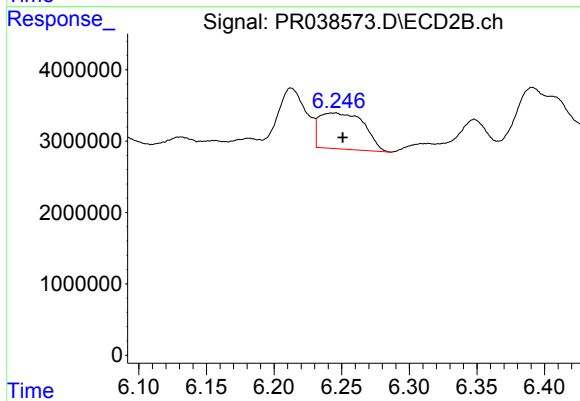
#6 AR-1016-4

R.T.: 5.937 min
Delta R.T.: -0.023 min
Response: 17500300
Conc: 92.77 ng/ml



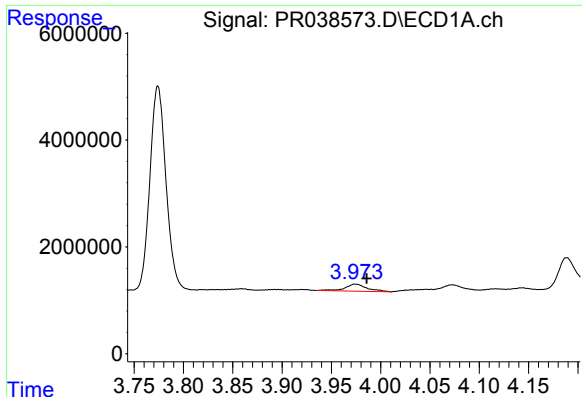
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: -0.046 min
Response: 4349438
Conc: 63.66 ng/ml



#7 AR-1016-5

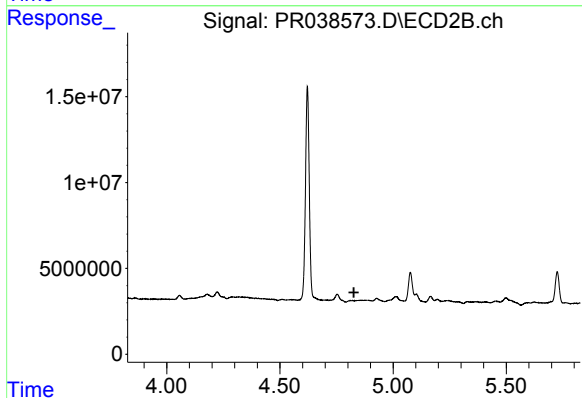
R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 11595873
Conc: 62.14 ng/ml



#8 AR-1221-1

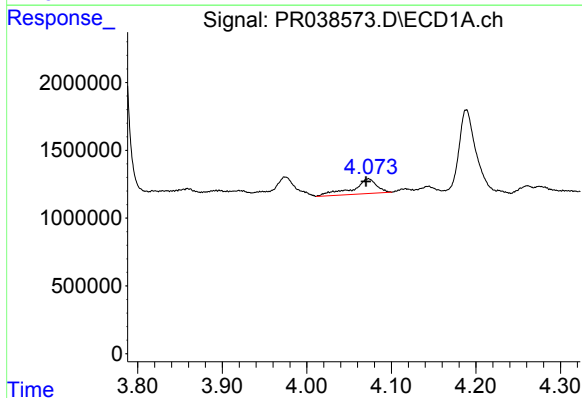
R.T.: 3.974 min
Delta R.T.: -0.012 min
Response: 2041655
Conc: 50.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



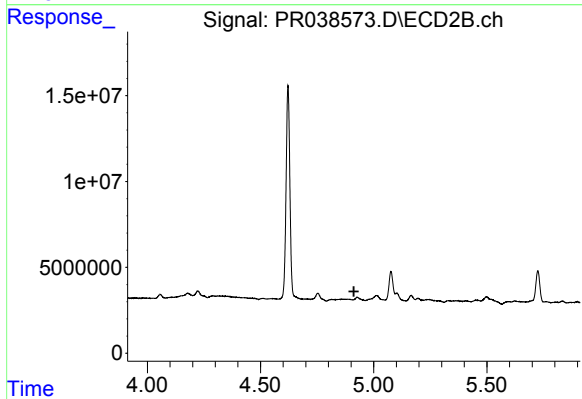
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.827 min
Response: 0
Conc: N.D.



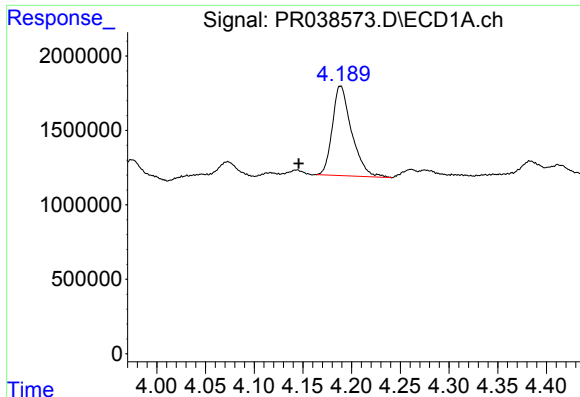
#9 AR-1221-2

R.T.: 4.073 min
Delta R.T.: 0.003 min
Response: 2140027
Conc: 69.49 ng/ml



#9 AR-1221-2

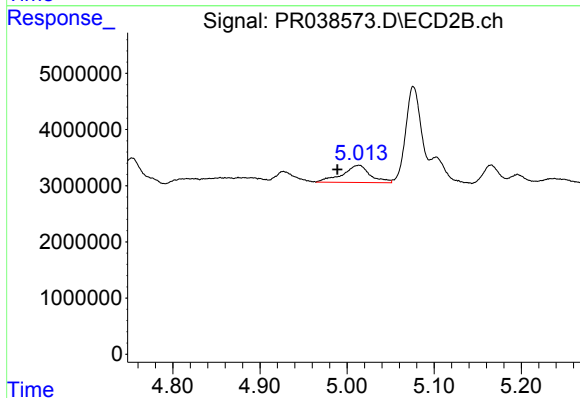
R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#10 AR-1221-3

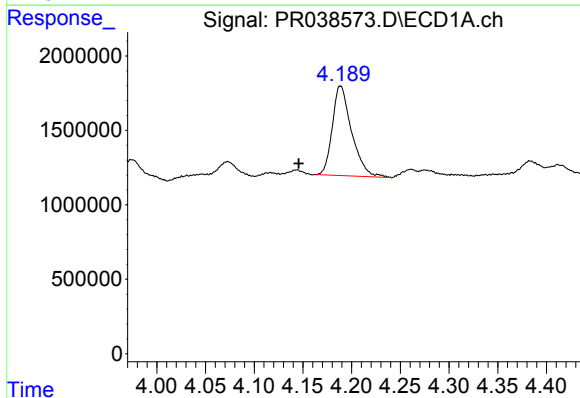
R.T.: 4.189 min
Delta R.T.: 0.043 min
Response: 8284156
Conc: 84.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



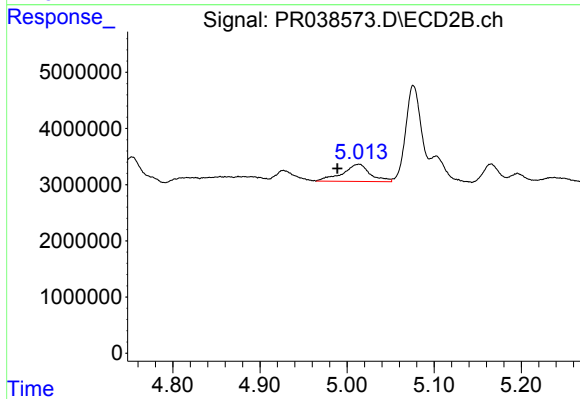
#10 AR-1221-3

R.T.: 5.014 min
Delta R.T.: 0.025 min
Response: 6745758
Conc: 22.59 ng/ml



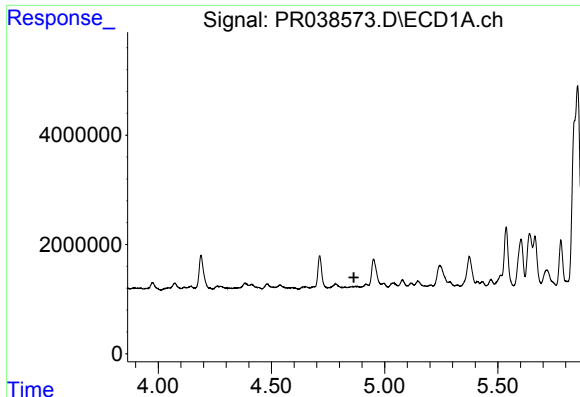
#11 AR-1232-1

R.T.: 4.189 min
Delta R.T.: 0.043 min
Response: 8284156
Conc: 116.62 ng/ml



#11 AR-1232-1

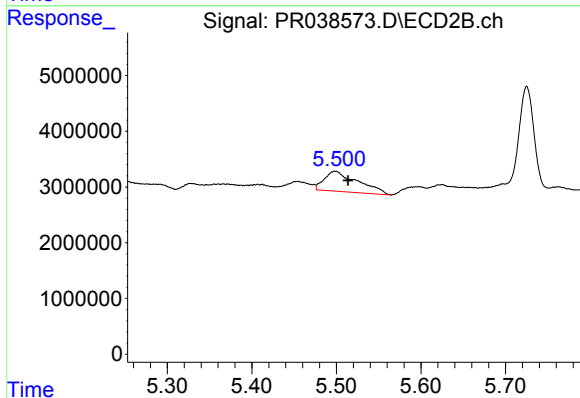
R.T.: 5.014 min
Delta R.T.: 0.025 min
Response: 6745758
Conc: 31.66 ng/ml



#12 AR-1232-2

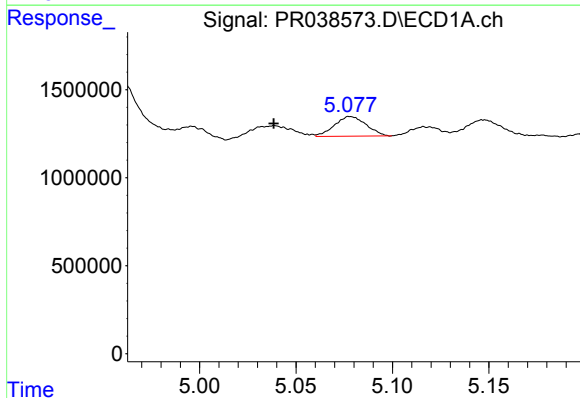
R.T.: 0.000 min
Exp R.T.: 4.864 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



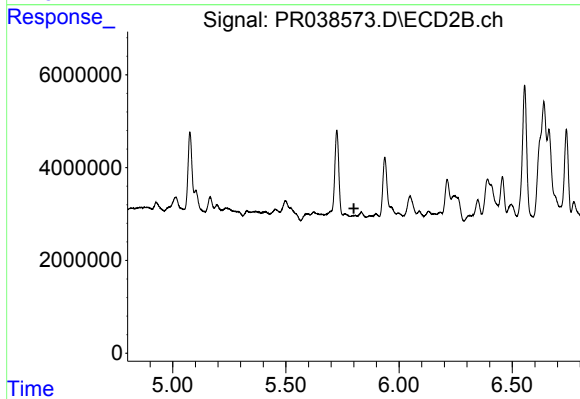
#12 AR-1232-2

R.T.: 5.499 min
Delta R.T.: -0.015 min
Response: 10039967
Conc: 88.16 ng/ml



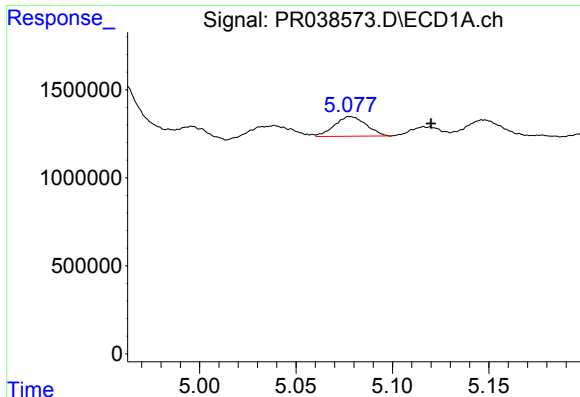
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: 0.039 min
Response: 1274830
Conc: 30.75 ng/ml



#13 AR-1232-3

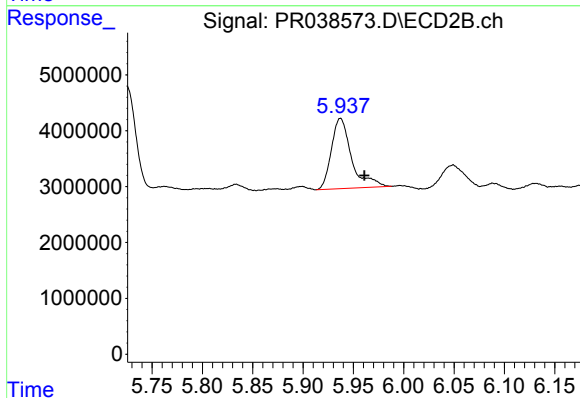
R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.



#14 AR-1232-4

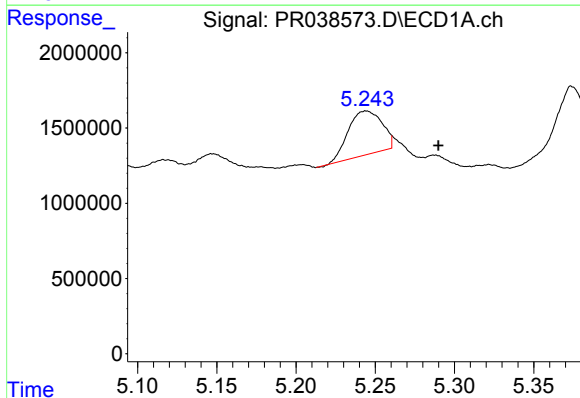
R.T.: 5.078 min
Delta R.T.: -0.042 min
Response: 1274830
Conc: 35.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



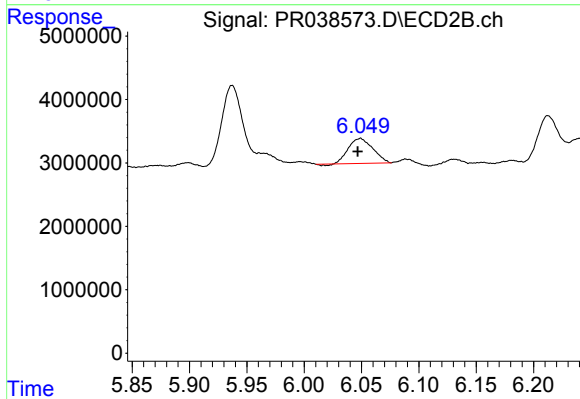
#14 AR-1232-4

R.T.: 5.937 min
Delta R.T.: -0.024 min
Response: 17500300
Conc: 144.73 ng/ml



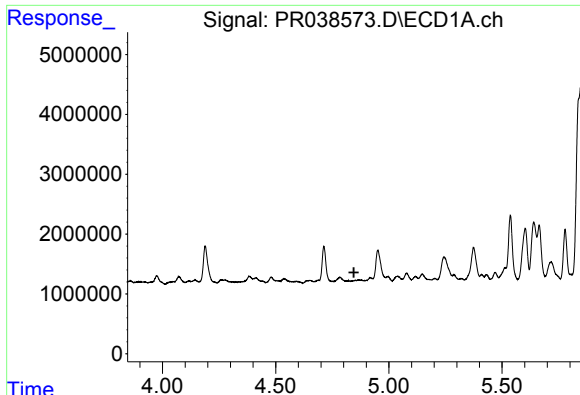
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: -0.046 min
Response: 4349438
Conc: 106.84 ng/ml



#15 AR-1232-5

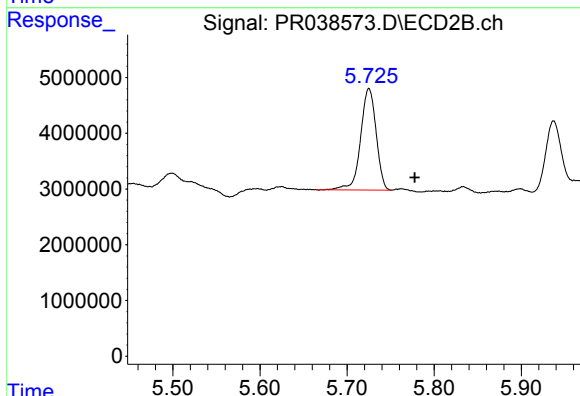
R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 5824960
Conc: 67.10 ng/ml



#16 AR-1242-1

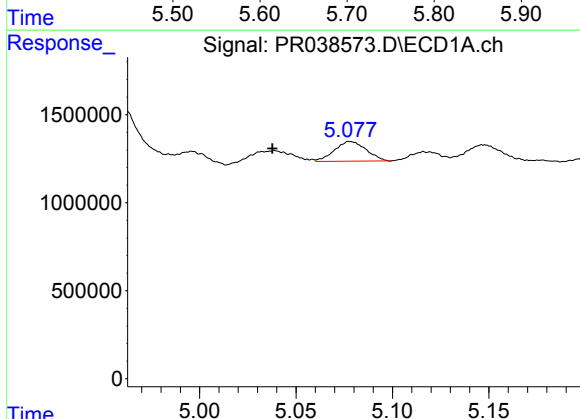
R.T.: 0.000 min
Exp R.T.: 4.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



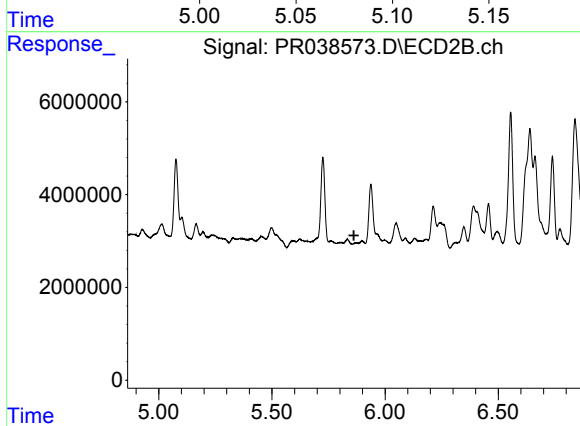
#16 AR-1242-1

R.T.: 5.725 min
Delta R.T.: -0.053 min
Response: 22570801
Conc: 63.71 ng/ml



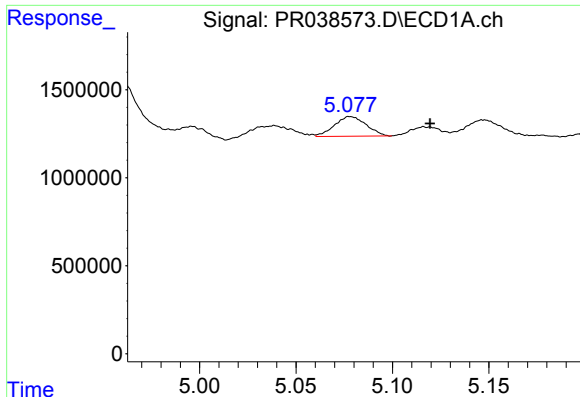
#18 AR-1242-3

R.T.: 5.078 min
Delta R.T.: 0.040 min
Response: 1274830
Conc: 15.03 ng/ml



#18 AR-1242-3

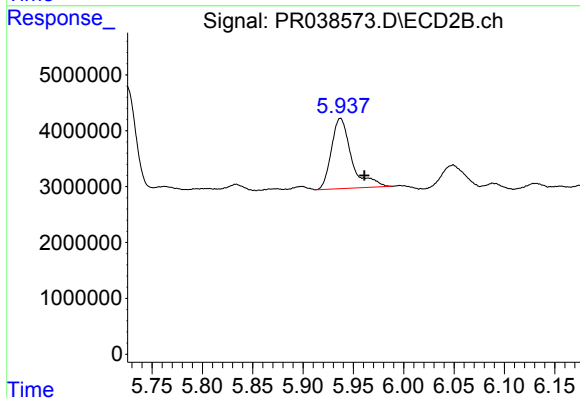
R.T.: 0.000 min
Exp R.T.: 5.862 min
Response: 0
Conc: N.D.



#19 AR-1242-4

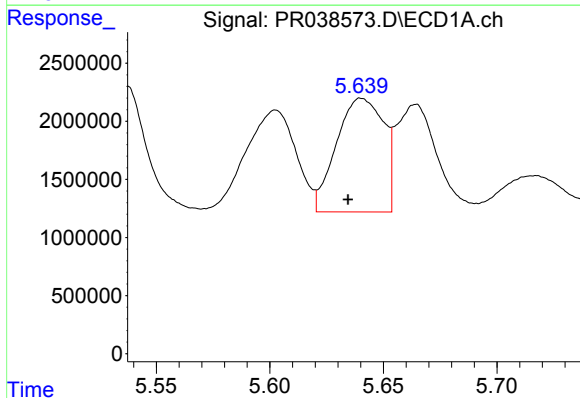
R.T.: 5.078 min
Delta R.T.: -0.042 min
Response: 1274830
Conc: 15.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



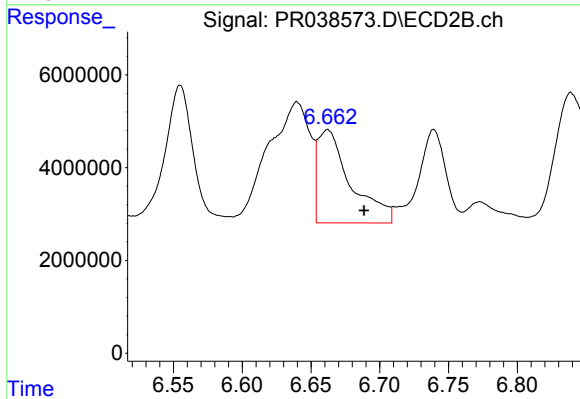
#19 AR-1242-4

R.T.: 5.937 min
Delta R.T.: -0.024 min
Response: 17500300
Conc: 69.64 ng/ml



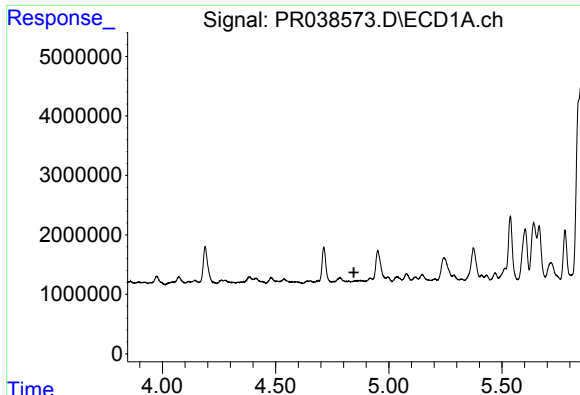
#20 AR-1242-5

R.T.: 5.640 min
Delta R.T.: 0.006 min
Response: 14163795
Conc: 120.94 ng/ml



#20 AR-1242-5

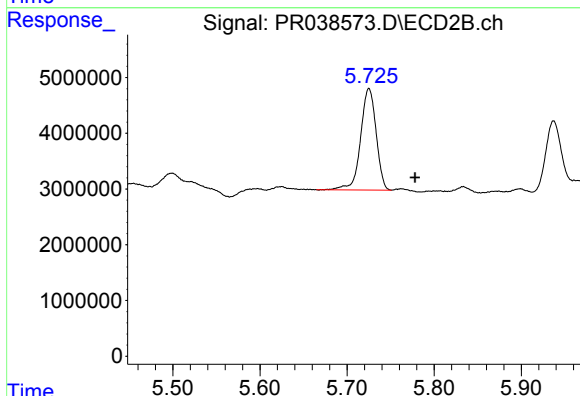
R.T.: 6.662 min
Delta R.T.: -0.026 min
Response: 33489666
Conc: 116.01 ng/ml



#21 AR-1248-1

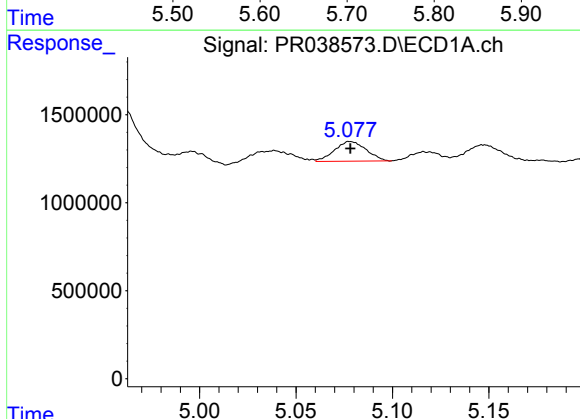
R.T.: 0.000 min
Exp R.T.: 4.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



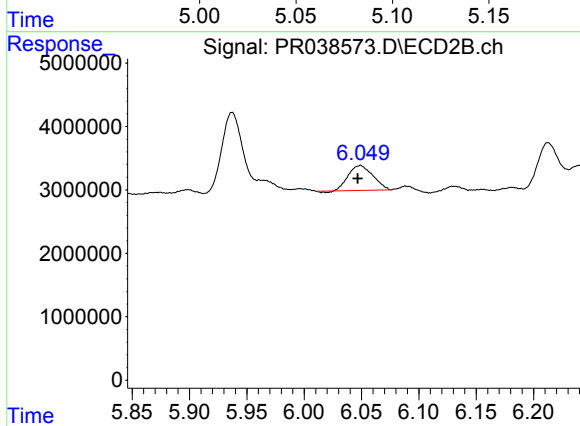
#21 AR-1248-1

R.T.: 5.725 min
Delta R.T.: -0.053 min
Response: 22570801
Conc: 80.84 ng/ml



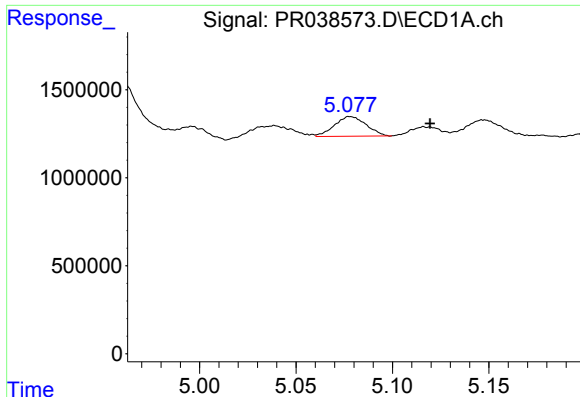
#22 AR-1248-2

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 1274830
Conc: 10.87 ng/ml



#22 AR-1248-2

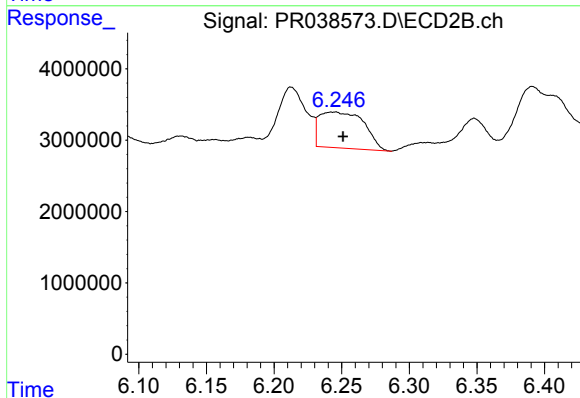
R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 5824960
Conc: 15.96 ng/ml



#23 AR-1248-3

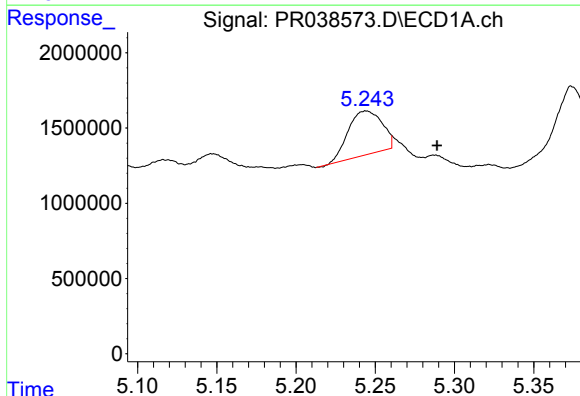
R.T.: 5.078 min
Delta R.T.: -0.042 min
Response: 1274830
Conc: 10.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



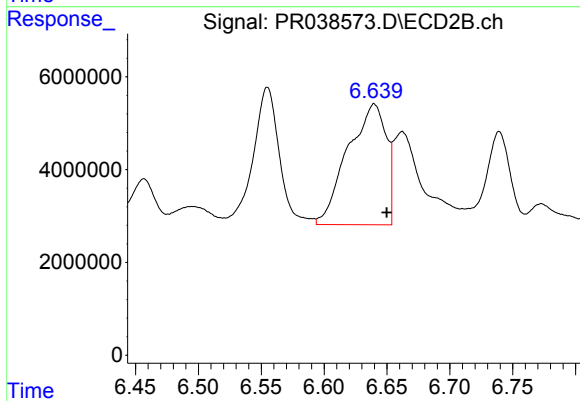
#23 AR-1248-3

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 11595873
Conc: 27.30 ng/ml



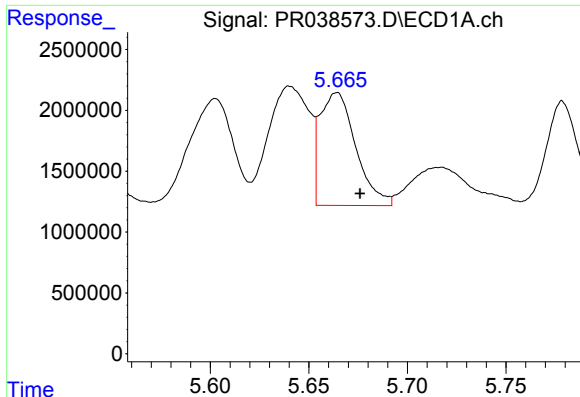
#24 AR-1248-4

R.T.: 5.244 min
Delta R.T.: -0.045 min
Response: 4349438
Conc: 28.84 ng/ml



#24 AR-1248-4

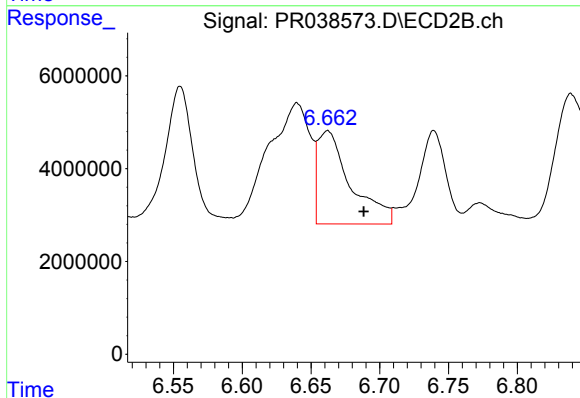
R.T.: 6.640 min
Delta R.T.: -0.010 min
Response: 55209191
Conc: 109.40 ng/ml



#25 AR-1248-5

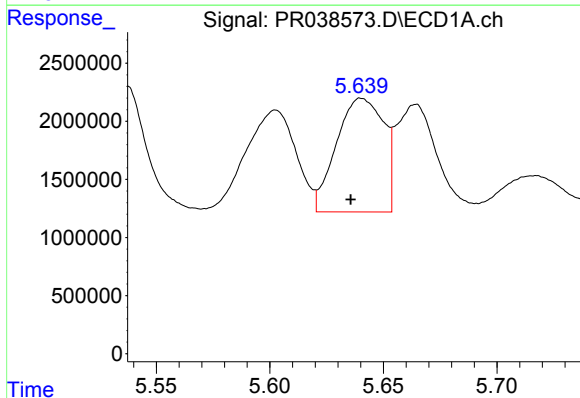
R.T.: 5.664 min
Delta R.T.: -0.012 min
Response: 11740399
Conc: 72.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



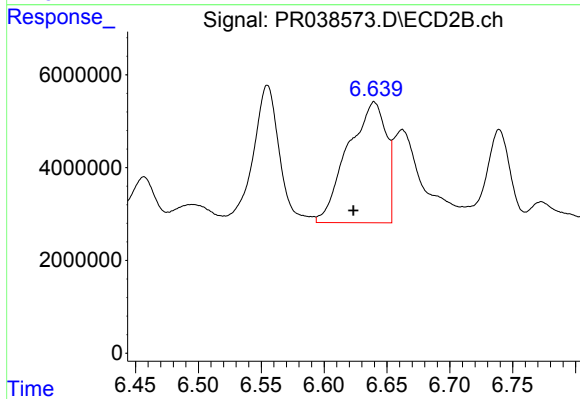
#25 AR-1248-5

R.T.: 6.662 min
Delta R.T.: -0.026 min
Response: 33489666
Conc: 70.13 ng/ml



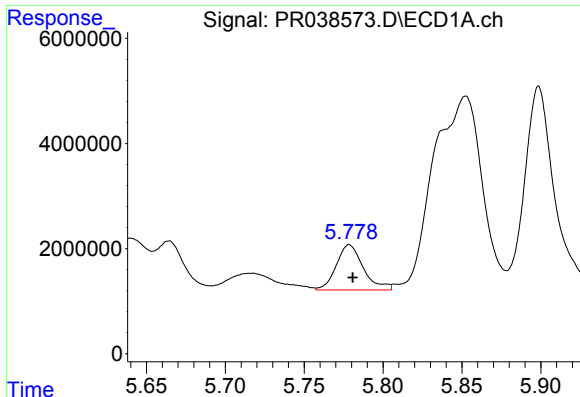
#26 AR-1254-1

R.T.: 5.640 min
Delta R.T.: 0.005 min
Response: 14163795
Conc: 64.09 ng/ml



#26 AR-1254-1

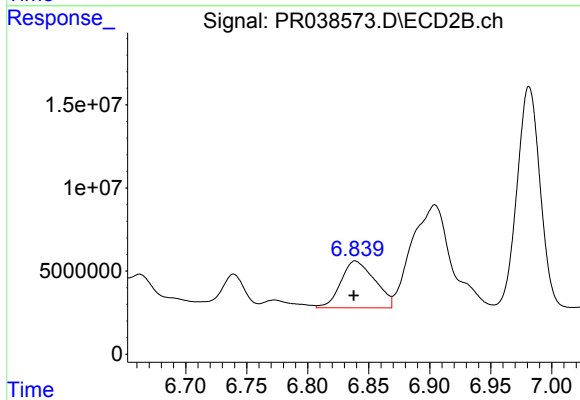
R.T.: 6.640 min
Delta R.T.: 0.016 min
Response: 55209191
Conc: 118.68 ng/ml



#27 AR-1254-2

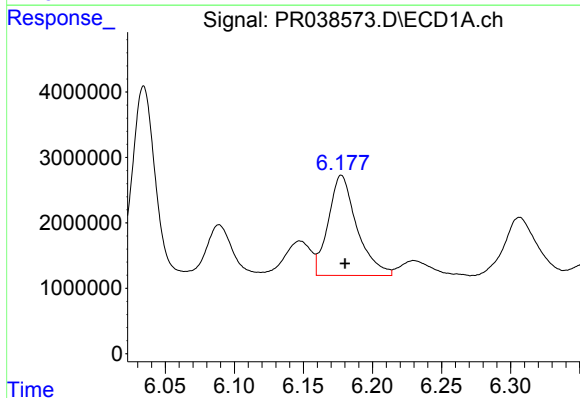
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 10281758
Conc: 54.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



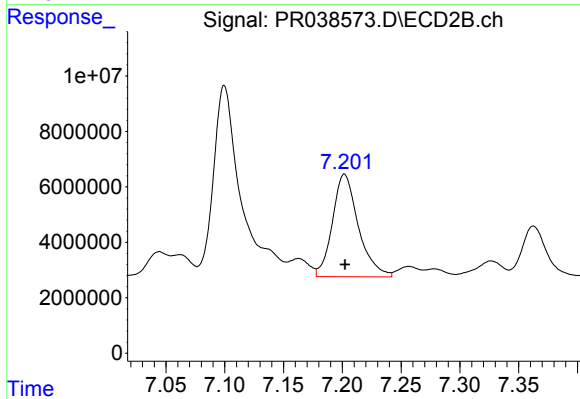
#27 AR-1254-2

R.T.: 6.839 min
Delta R.T.: 0.001 min
Response: 54558653
Conc: 82.21 ng/ml



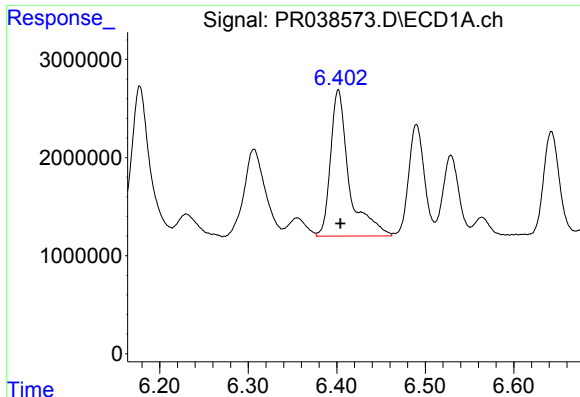
#28 AR-1254-3

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 22092383
Conc: 70.17 ng/ml



#28 AR-1254-3

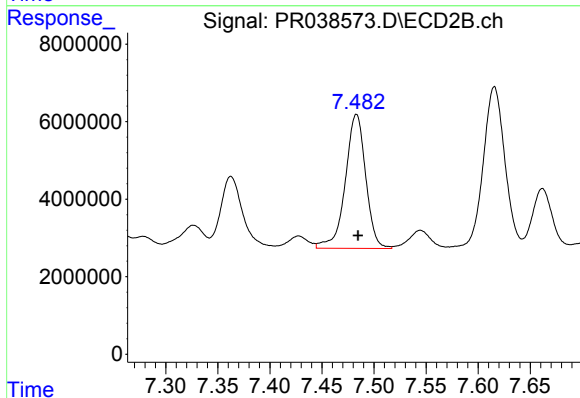
R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 56886088
Conc: 75.12 ng/ml



#29 AR-1254-4

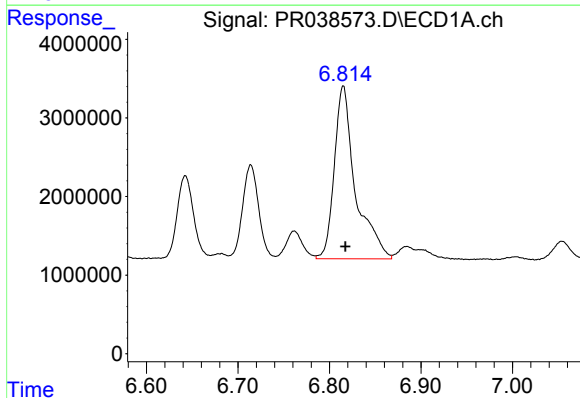
R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 21781927
Conc: 101.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



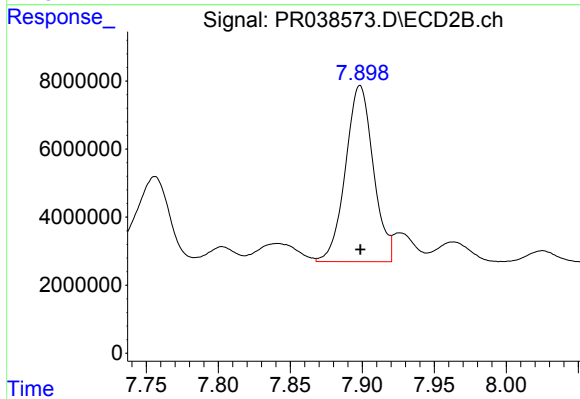
#29 AR-1254-4

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 47236647
Conc: 81.97 ng/ml



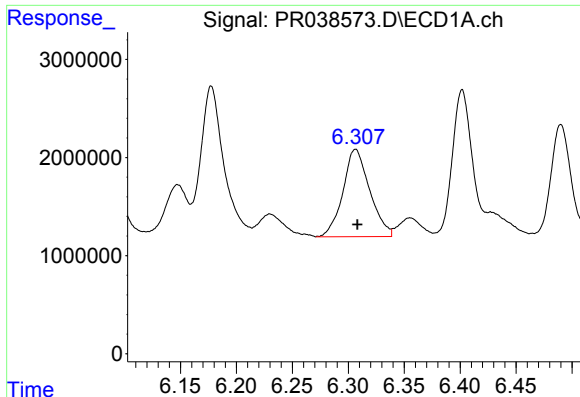
#30 AR-1254-5

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 35243025
Conc: 124.21 ng/ml



#30 AR-1254-5

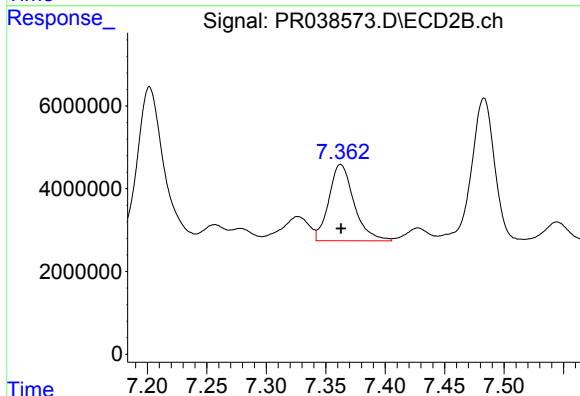
R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 69592373
Conc: 114.13 ng/ml



#31 AR-1260-1

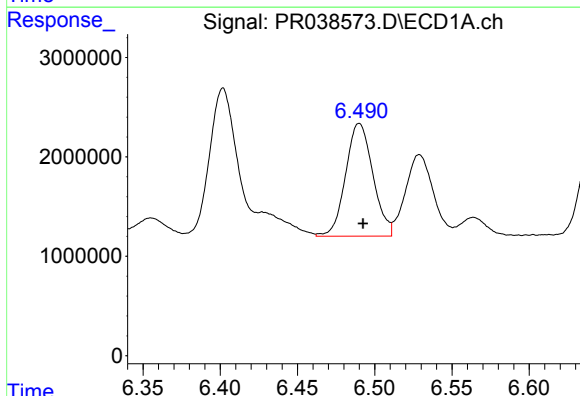
R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 14823522
Conc: 112.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



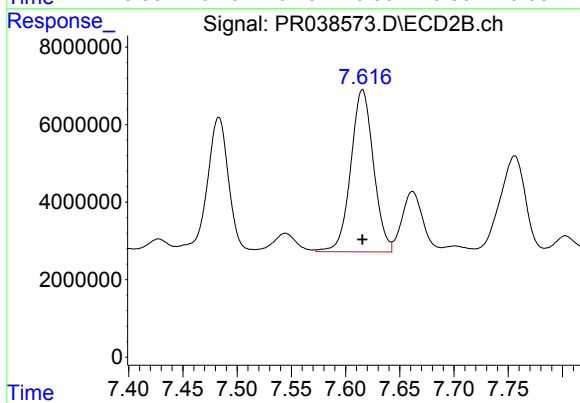
#31 AR-1260-1

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 27202687
Conc: 79.16 ng/ml



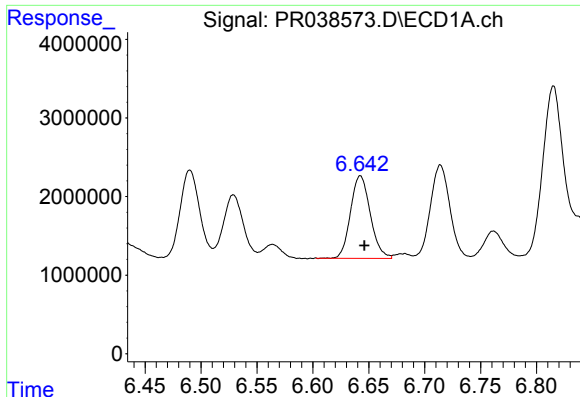
#32 AR-1260-2

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 13936886
Conc: 81.72 ng/ml



#32 AR-1260-2

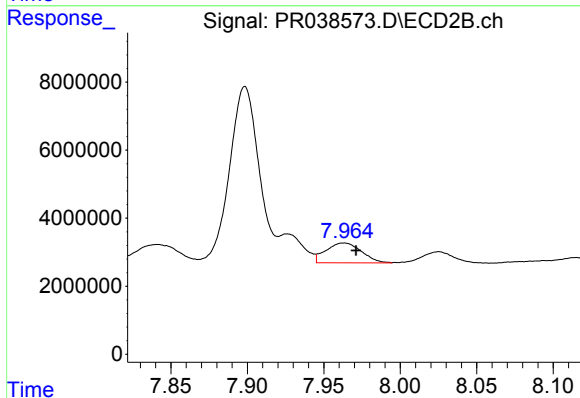
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 60911561
Conc: 150.29 ng/ml



#33 AR-1260-3

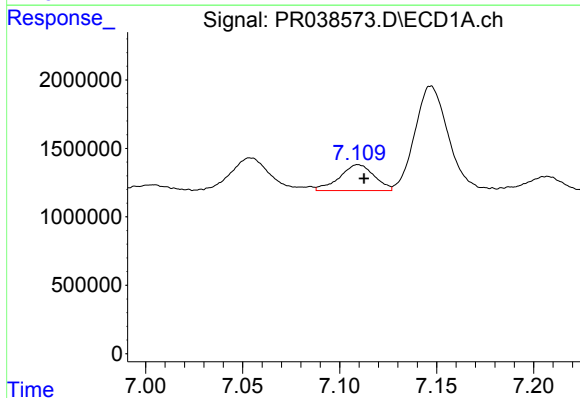
R.T.: 6.642 min
Delta R.T.: -0.004 min
Response: 12956569
Conc: 85.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



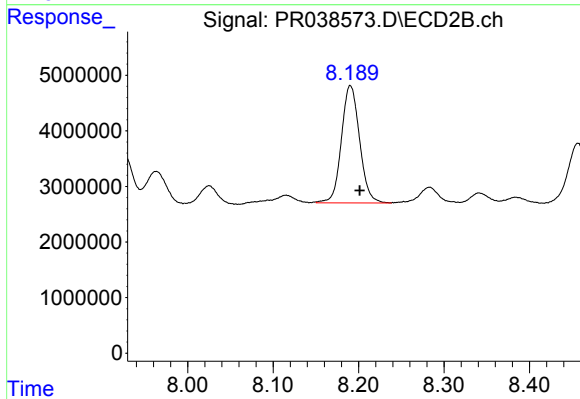
#33 AR-1260-3

R.T.: 7.963 min
Delta R.T.: -0.008 min
Response: 9492428
Conc: 31.18 ng/ml



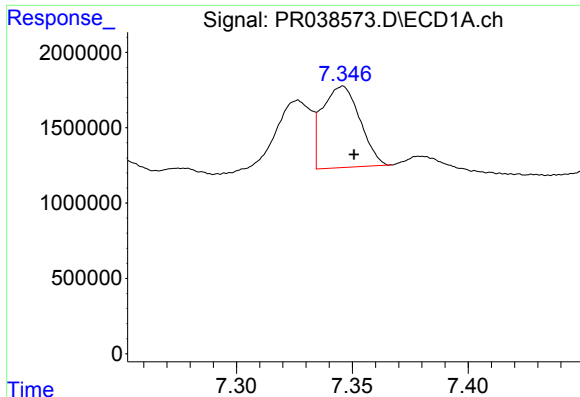
#34 AR-1260-4

R.T.: 7.110 min
Delta R.T.: -0.003 min
Response: 2352623
Conc: 18.20 ng/ml



#34 AR-1260-4

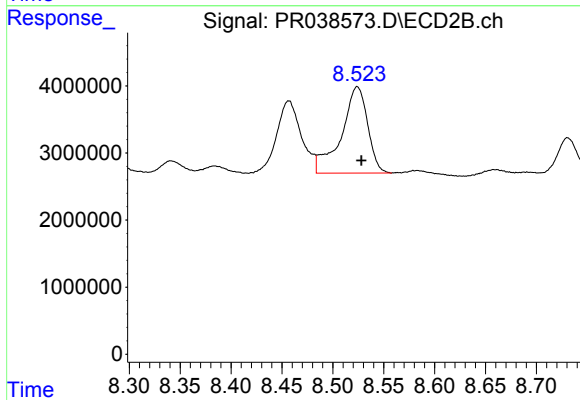
R.T.: 8.190 min
Delta R.T.: -0.011 min
Response: 31144698
Conc: 87.49 ng/ml



#35 AR-1260-5

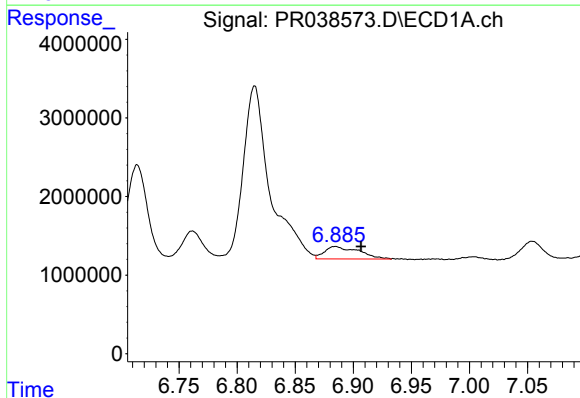
R.T.: 7.346 min
Delta R.T.: -0.005 min
Response: 6101861
Conc: 17.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



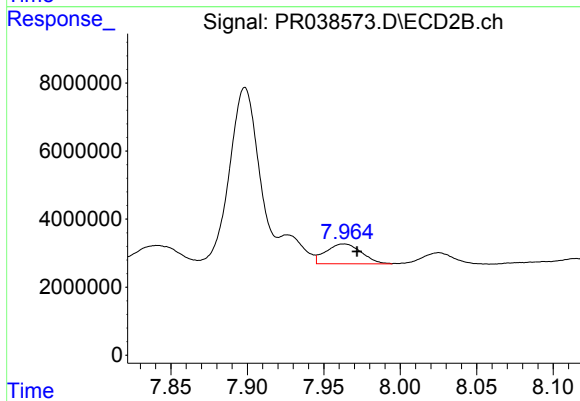
#35 AR-1260-5

R.T.: 8.524 min
Delta R.T.: -0.004 min
Response: 23246372
Conc: 31.98 ng/ml



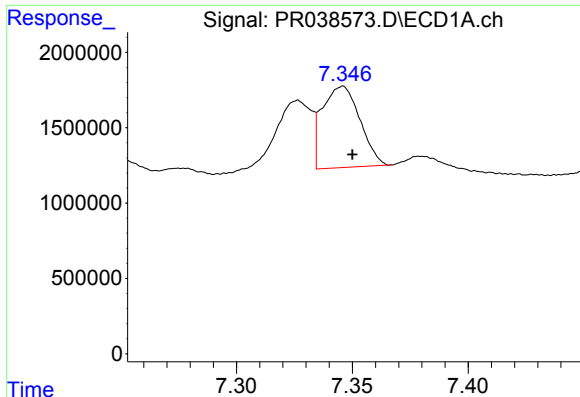
#36 AR-1262-1

R.T.: 6.884 min
Delta R.T.: -0.022 min
Response: 3224549
Conc: 26.95 ng/ml



#36 AR-1262-1

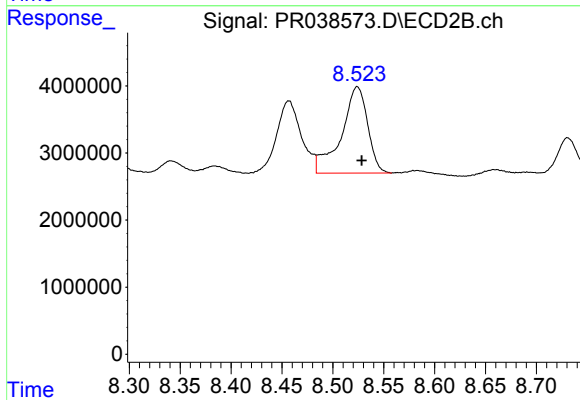
R.T.: 7.963 min
Delta R.T.: -0.008 min
Response: 9492428
Conc: 13.42 ng/ml



#37 AR-1262-2

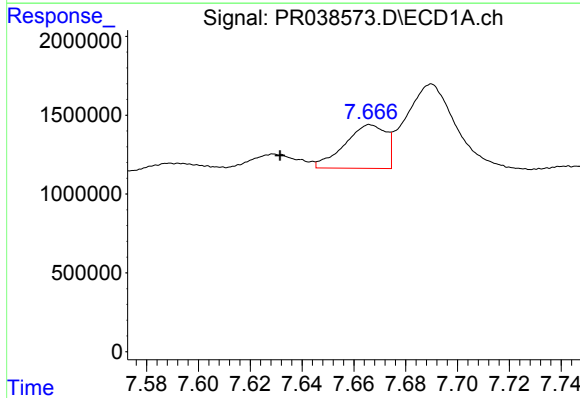
R.T.: 7.346 min
Delta R.T.: -0.004 min
Response: 6101861
Conc: 9.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



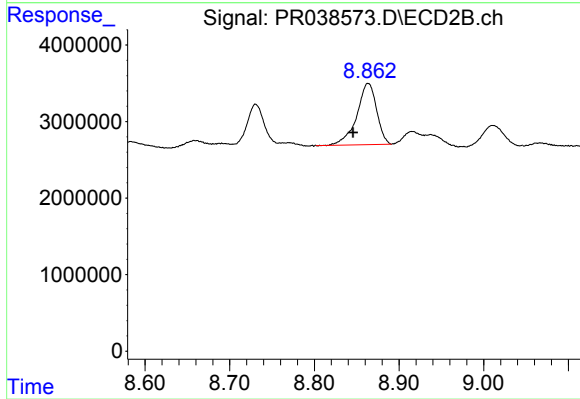
#37 AR-1262-2

R.T.: 8.524 min
Delta R.T.: -0.004 min
Response: 23246372
Conc: 16.41 ng/ml



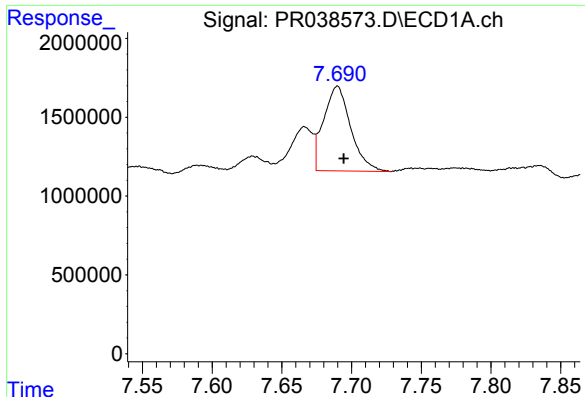
#38 AR-1262-3

R.T.: 7.666 min
Delta R.T.: 0.035 min
Response: 3068224
Conc: 11.25 ng/ml



#38 AR-1262-3

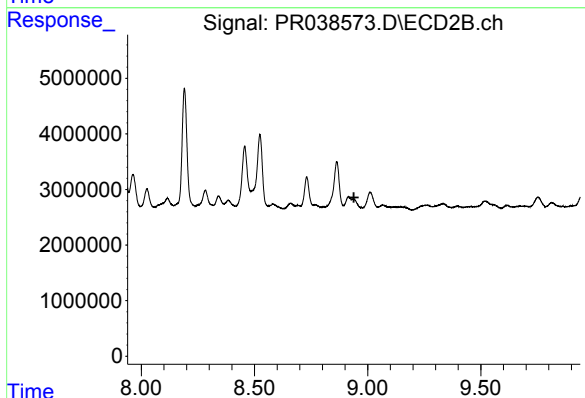
R.T.: 8.864 min
Delta R.T.: 0.018 min
Response: 13038684
Conc: 14.40 ng/ml



#39 AR-1262-4

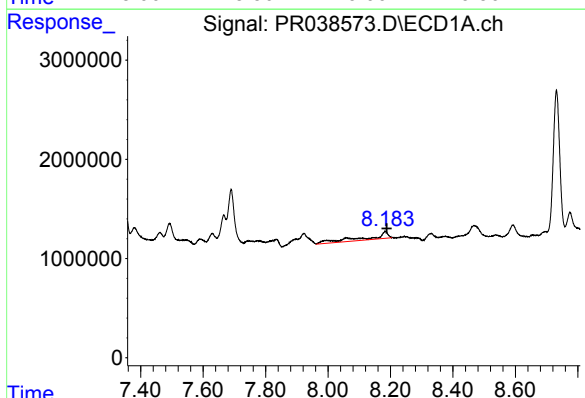
R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 7252990
Conc: 14.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



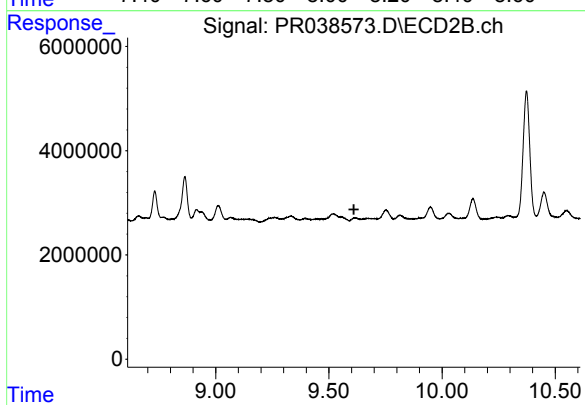
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.939 min
Response: 0
Conc: N.D.



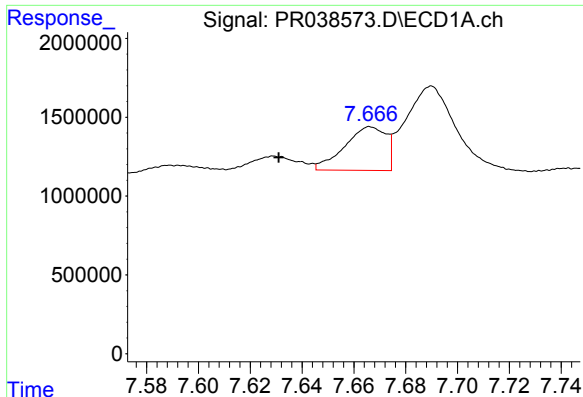
#40 AR-1262-5

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 3324831
Conc: 15.09 ng/ml



#40 AR-1262-5

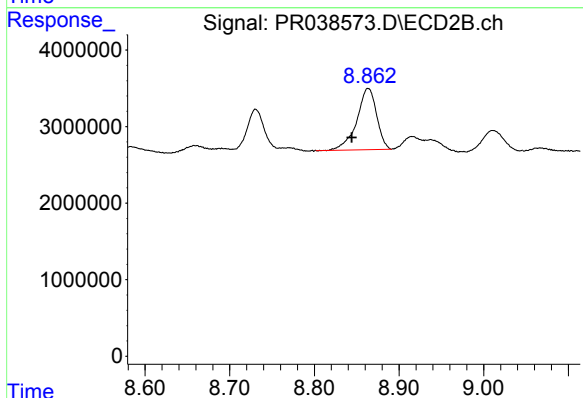
R.T.: 0.000 min
Exp R.T. : 9.611 min
Response: 0
Conc: N.D.



#41 AR-1268-1

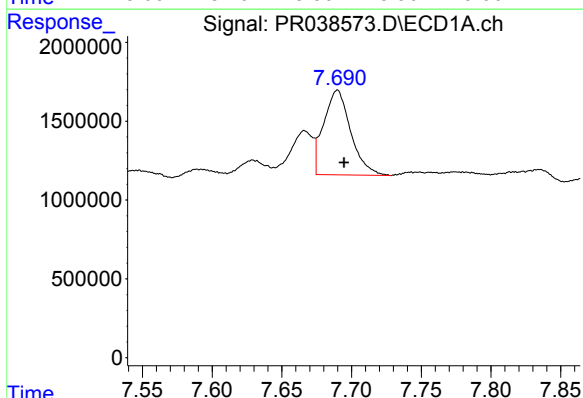
R.T.: 7.666 min
Delta R.T.: 0.035 min
Response: 3068224
Conc: 5.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



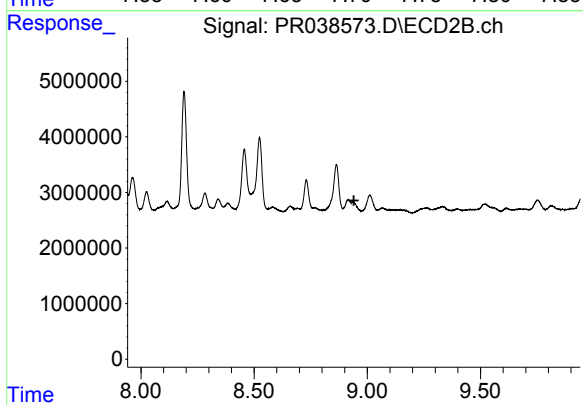
#41 AR-1268-1

R.T.: 8.864 min
Delta R.T.: 0.019 min
Response: 13038684
Conc: 11.94 ng/ml



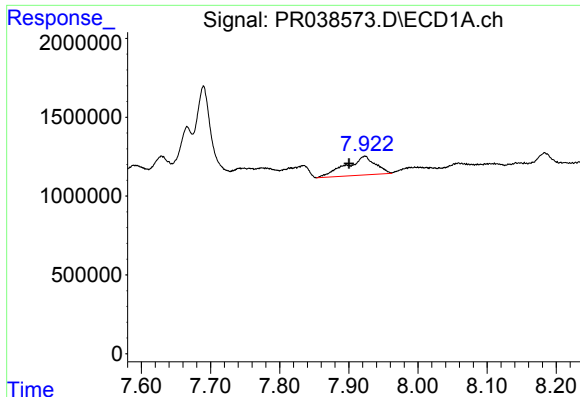
#42 AR-1268-2

R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 7252990
Conc: 15.50 ng/ml



#42 AR-1268-2

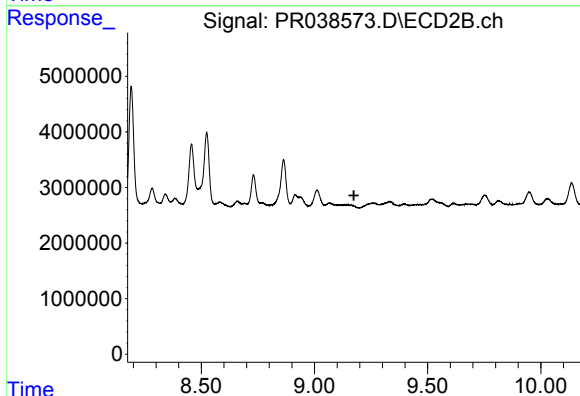
R.T.: 0.000 min
Exp R.T.: 8.941 min
Response: 0
Conc: N.D.



#43 AR-1268-3

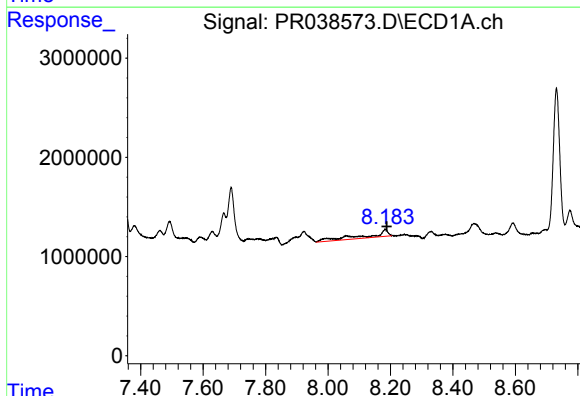
R.T.: 7.924 min
Delta R.T.: 0.023 min
Response: 3509714
Conc: 9.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



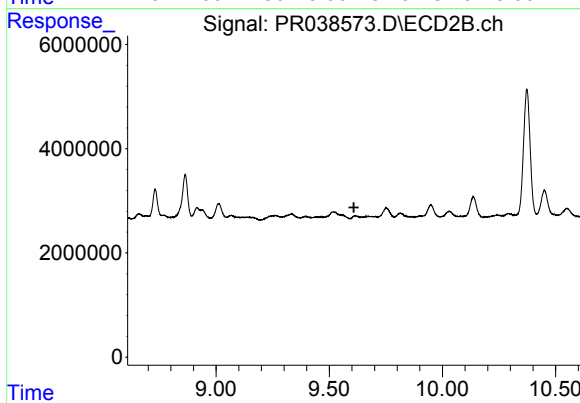
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.174 min
Response: 0
Conc: N.D.



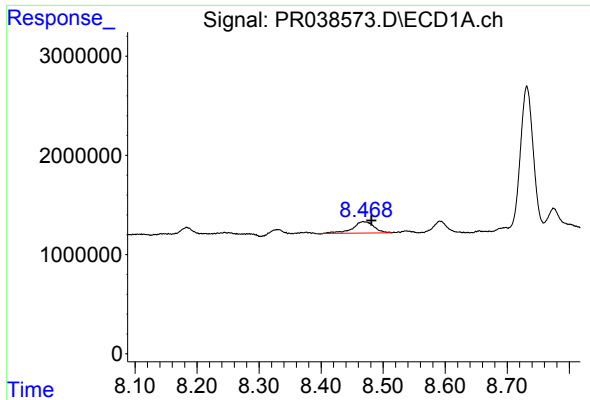
#44 AR-1268-4

R.T.: 8.183 min
Delta R.T.: -0.004 min
Response: 3324831
Conc: 20.56 ng/ml



#44 AR-1268-4

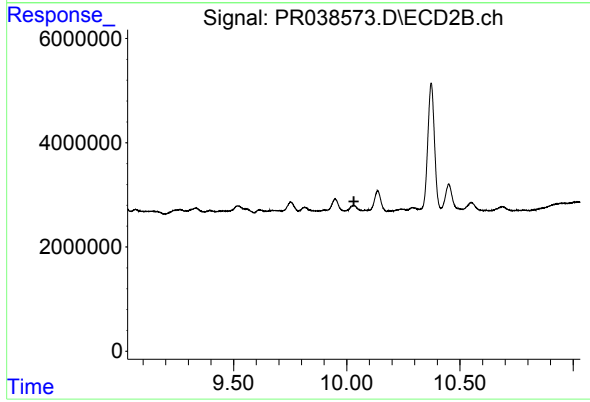
R.T.: 0.000 min
Exp R.T. : 9.609 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.468 min
Delta R.T.: -0.013 min
Response: 2742764
Conc: 2.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.031 min
Response: 0
Conc: N.D.