

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR073119\
 Data File : PR039895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 14:48
 Operator : SM\AJ
 Sample : K4052-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S4-01-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 01:34:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 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...	3.750	4.595	49843722	214.3E6	20.769	21.382
2)	SA Decachlor...	8.686	10.324	23784113	100.2E6	9.573	10.678
Target Compounds							
3)	L1 AR-1016-1	4.821	5.695	654576	7490454	7.445	20.709 #
4)	L1 AR-1016-2	4.846	0.000	131408	0	0.907	N.D. #
5)	L1 AR-1016-3	5.008	5.909	755876	5903204	10.882	19.262 #
6)	L1 AR-1016-4	5.054	5.909	923649	5903204	16.408	22.644 #
7)	L1 AR-1016-5	5.286	6.235	1560189	115.2E6	20.802	458.512 #
9)	L2 AR-1221-2	4.046	0.000	761110	0	31.282	N.D. #
10)	L2 AR-1221-3	4.117	4.976	2980913	13757586	38.062	45.045
11)	L3 AR-1232-1	4.117	4.976	2980913	13757586	38.144	47.315
12)	L3 AR-1232-2	4.846	0.000	131408	0	1.398	N.D. #
13)	L3 AR-1232-3	5.008	0.000	755876	0	17.881	N.D. #
14)	L3 AR-1232-4	5.117	5.909	4707073	5903204	118.264	36.586 #
15)	L3 AR-1232-5	5.286	0.000	1560189	0	36.867	N.D. #
16)	L4 AR-1242-1	4.821	5.695	654576	7490454	7.170	21.047 #
17)	L4 AR-1242-2	4.846	0.000	131408	0	0.917	N.D. #
18)	L4 AR-1242-3	5.008	5.909	755876	5903204	10.695	19.168 #
19)	L4 AR-1242-4	5.117	5.909	4707073	5903204	67.293	22.546 #
20)	L4 AR-1242-5	5.612	6.635	16115667	47467975	162.244	163.655
21)	L5 AR-1248-1	4.821	5.695	654576	7490454	9.046	26.168 #
22)	L5 AR-1248-2	5.054	0.000	923649	0	11.806	N.D. #
23)	L5 AR-1248-3	5.117	6.235	4707073	115.2E6	44.080	264.292 #
24)	L5 AR-1248-4	5.286	6.635	1560189	47467975	11.785	91.387 #
25)	L5 AR-1248-5	5.681	6.635	5918045	47467975	40.831	96.299 #
26)	L6 AR-1254-1	5.612	6.585	16115667	25021395	104.491	68.693 #
27)	L6 AR-1254-2	5.772	6.809	11375322	30197624	86.879	52.868 #
28)	L6 AR-1254-3	6.148	7.185	3484943	16280384	15.598	26.111 #
29)	L6 AR-1254-4	6.370	7.495	5774747	11893040	39.712	26.260 #
30)	L6 AR-1254-5	6.780	7.890	22560398	66984629	118.480	141.079
31)	L7 AR-1260-1	6.270	7.332	3603146	17244968	24.725	38.865 #
32)	L7 AR-1260-2	6.461	7.585	6651173	76137821	36.125	138.897 #
33)	L7 AR-1260-3	6.609	7.890	8422511	66984629	50.840	159.777 #
34)	L7 AR-1260-4	7.073	8.166	3297382	2131357	23.721	4.417 #
35)	L7 AR-1260-5	7.312	8.500	4712061	45253351	13.659	44.120 #
36)	L8 AR-1262-1	6.871	7.890	4134516	66984629	28.159	64.524 #
37)	L8 AR-1262-2	7.312	8.500	4712061	45253351	6.972	22.465 #
38)	L8 AR-1262-3	7.592	8.830	1401566	10374491	5.900	8.268 #
39)	L8 AR-1262-4	7.654	0.000	4101008	0	8.856	N.D. #
40)	L8 AR-1262-5	8.148	0.000	1500590	0	7.717	N.D. #
41)	L9 AR-1268-1	7.592	8.830	1401566	10374491	1.828	4.372 #
42)	L9 AR-1268-2	7.654	0.000	4101008	0	5.841	N.D. #
43)	L9 AR-1268-3	7.857	0.000	1144678	0	2.060	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR073119\
 Data File : PR039895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 14:48
 Operator : SM\AJ
 Sample : K4052-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

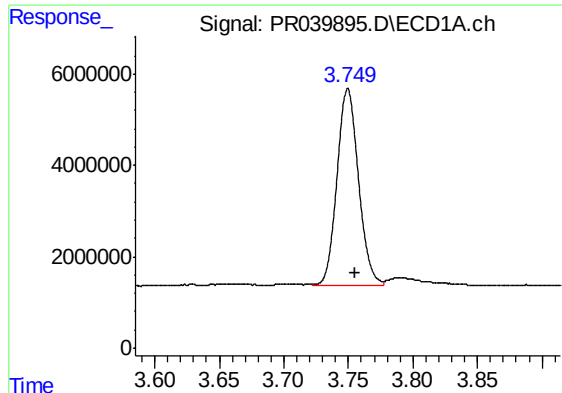
Instrument :
 ECD_R
 ClientSampleId :
 S4-01-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 01:34:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
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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	8.148	0.000	1500590	0	6.513	N.D.	#
45)	L9 AR-1268-5	8.434	0.000	2371711	0	1.392	N.D.	#

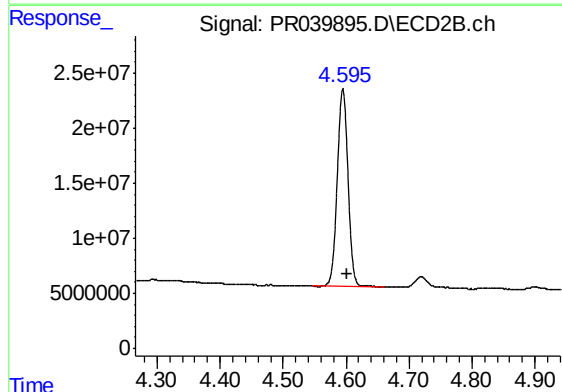
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

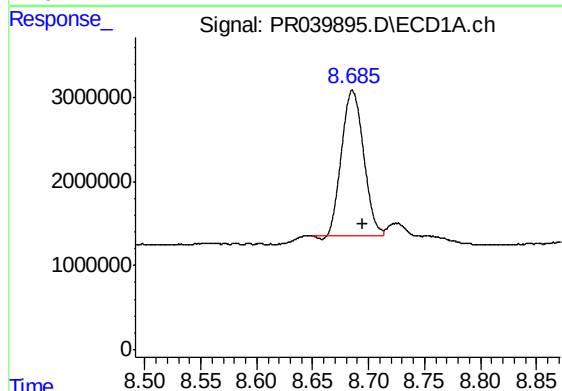
R.T.: 3.750 min
Delta R.T.: -0.005 min
Response: 49843722
Conc: 20.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



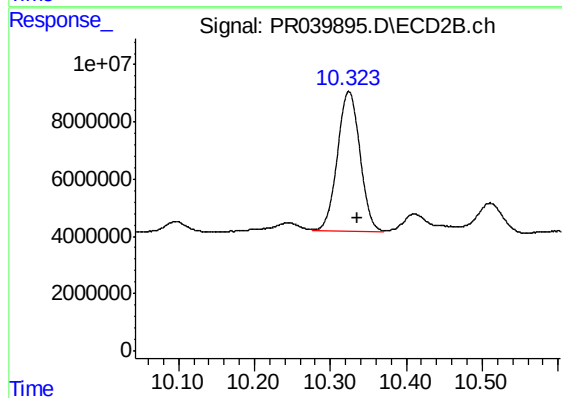
#1 Tetrachloro-m-xylene

R.T.: 4.595 min
Delta R.T.: -0.007 min
Response: 214337503
Conc: 21.38 ng/ml



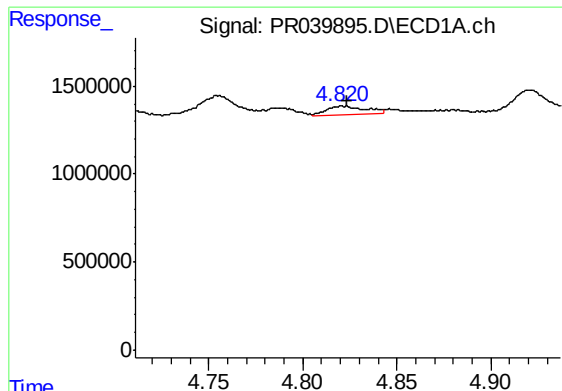
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: -0.009 min
Response: 23784113
Conc: 9.57 ng/ml



#2 Decachlorobiphenyl

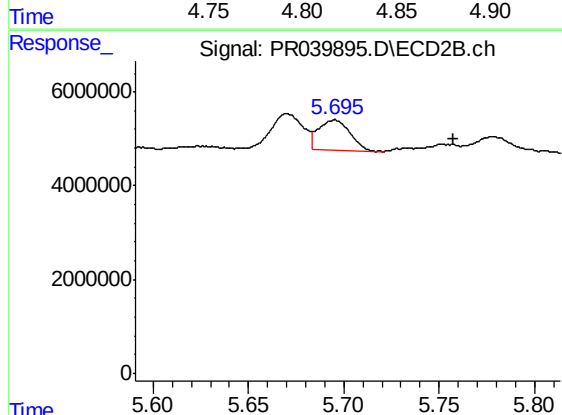
R.T.: 10.324 min
Delta R.T.: -0.011 min
Response: 100243405
Conc: 10.68 ng/ml



#3 AR-1016-1

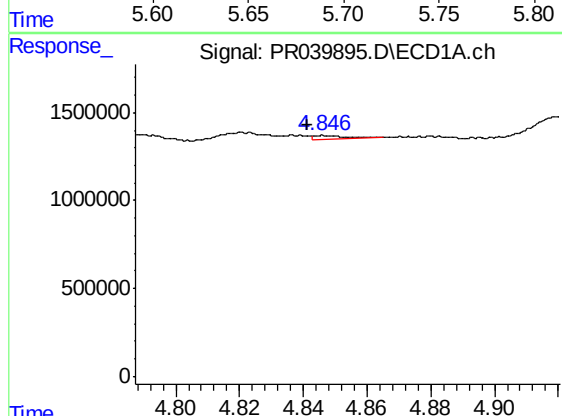
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 654576
Conc: 7.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



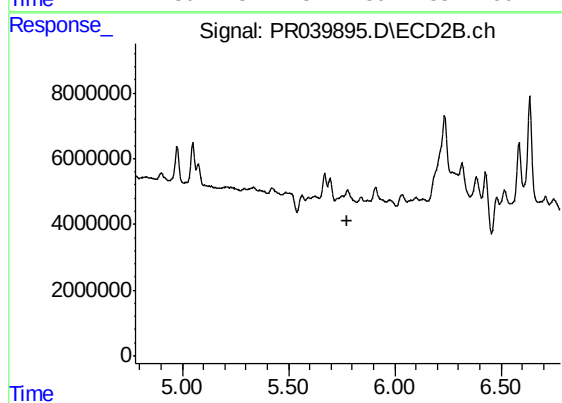
#3 AR-1016-1

R.T.: 5.695 min
Delta R.T.: -0.062 min
Response: 7490454
Conc: 20.71 ng/ml



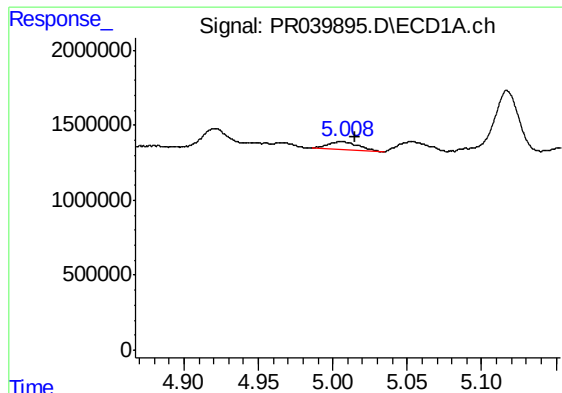
#4 AR-1016-2

R.T.: 4.846 min
Delta R.T.: 0.005 min
Response: 131408
Conc: 0.91 ng/ml



#4 AR-1016-2

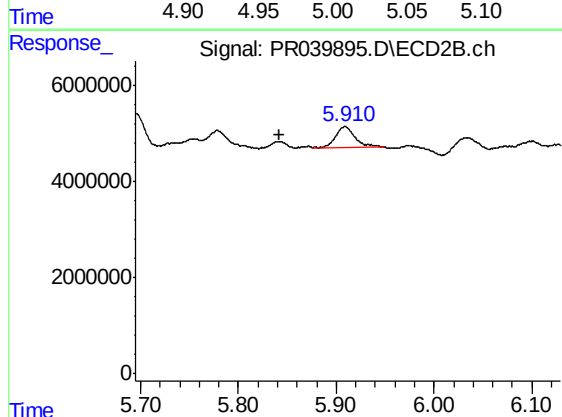
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#5 AR-1016-3

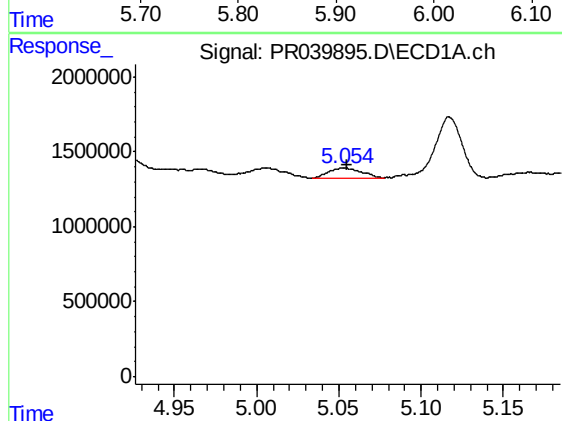
R.T.: 5.008 min
Delta R.T.: -0.007 min
Response: 755876
Conc: 10.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



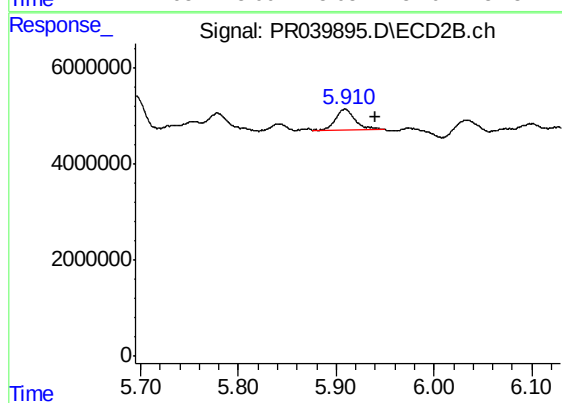
#5 AR-1016-3

R.T.: 5.909 min
Delta R.T.: 0.068 min
Response: 5903204
Conc: 19.26 ng/ml



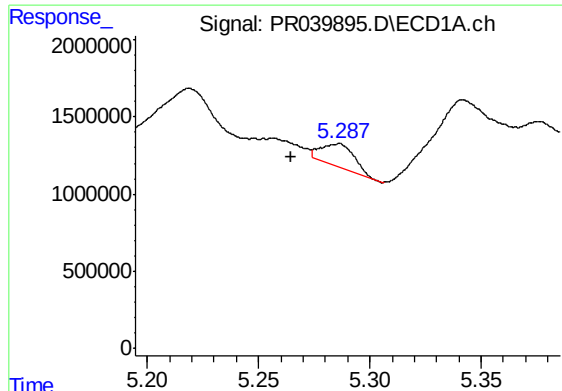
#6 AR-1016-4

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 923649
Conc: 16.41 ng/ml



#6 AR-1016-4

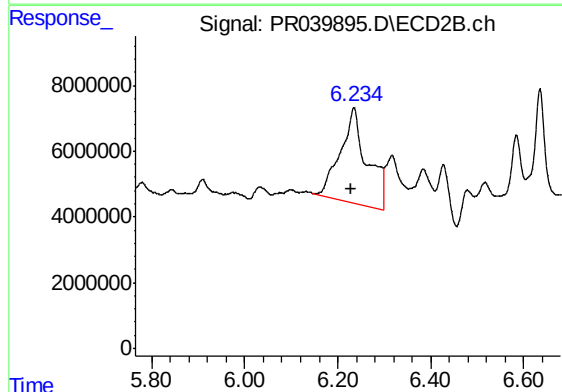
R.T.: 5.909 min
Delta R.T.: -0.031 min
Response: 5903204
Conc: 22.64 ng/ml



#7 AR-1016-5

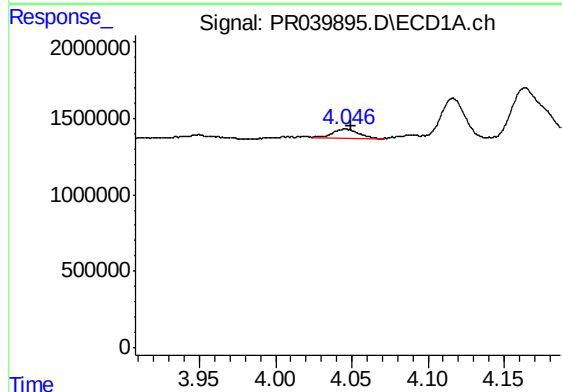
R.T.: 5.286 min
Delta R.T.: 0.022 min
Response: 1560189
Conc: 20.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



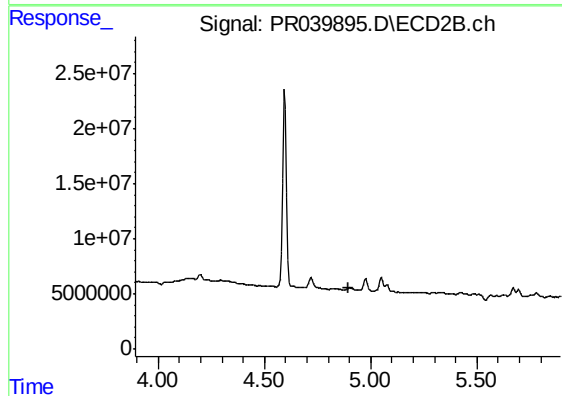
#7 AR-1016-5

R.T.: 6.235 min
Delta R.T.: 0.006 min
Response: 115196040
Conc: 458.51 ng/ml



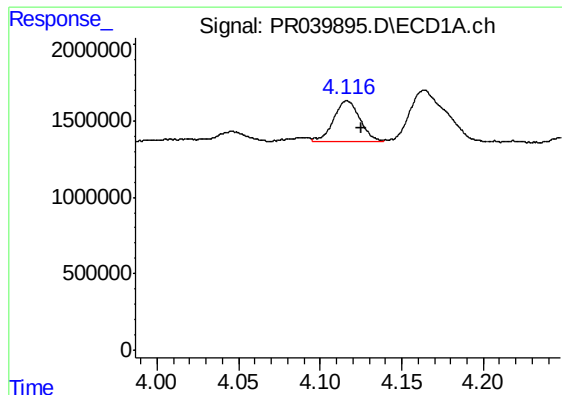
#9 AR-1221-2

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 761110
Conc: 31.28 ng/ml



#9 AR-1221-2

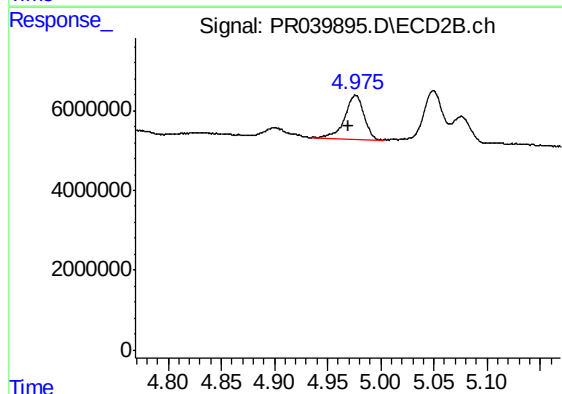
R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.



#10 AR-1221-3

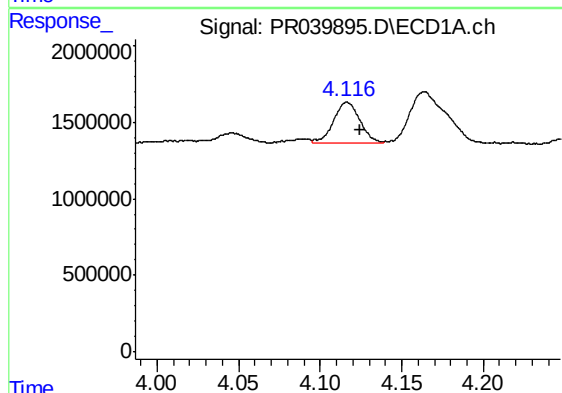
R.T.: 4.117 min
Delta R.T.: -0.009 min
Response: 2980913
Conc: 38.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



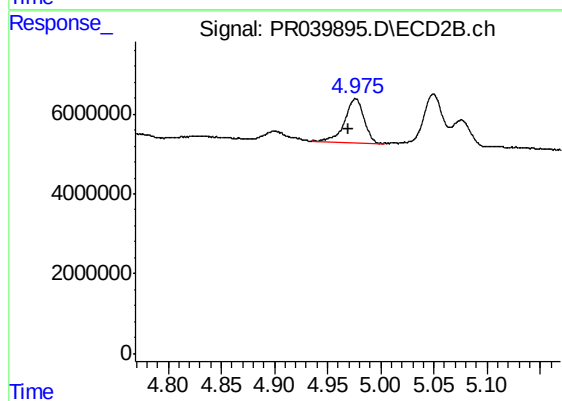
#10 AR-1221-3

R.T.: 4.976 min
Delta R.T.: 0.006 min
Response: 13757586
Conc: 45.04 ng/ml



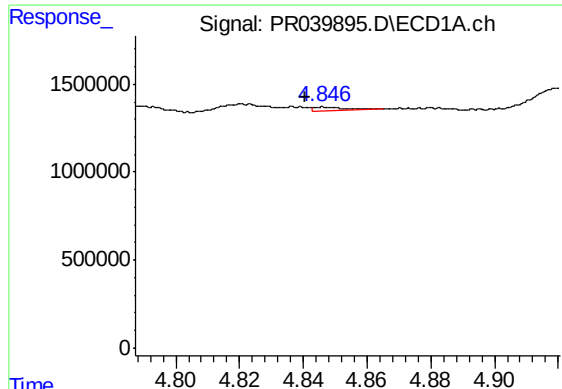
#11 AR-1232-1

R.T.: 4.117 min
Delta R.T.: -0.008 min
Response: 2980913
Conc: 38.14 ng/ml



#11 AR-1232-1

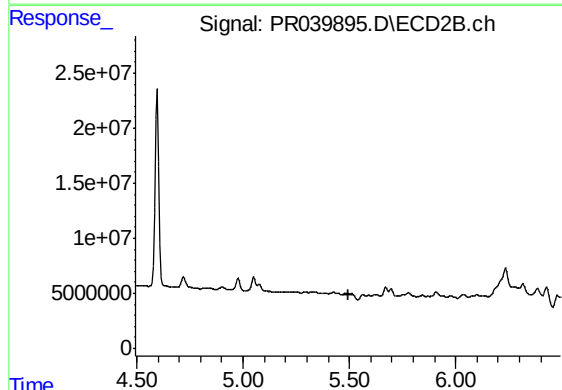
R.T.: 4.976 min
Delta R.T.: 0.006 min
Response: 13757586
Conc: 47.31 ng/ml



#12 AR-1232-2

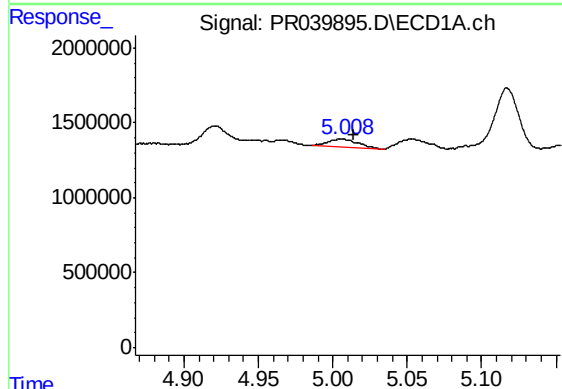
R.T.: 4.846 min
Delta R.T.: 0.005 min
Response: 131408
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



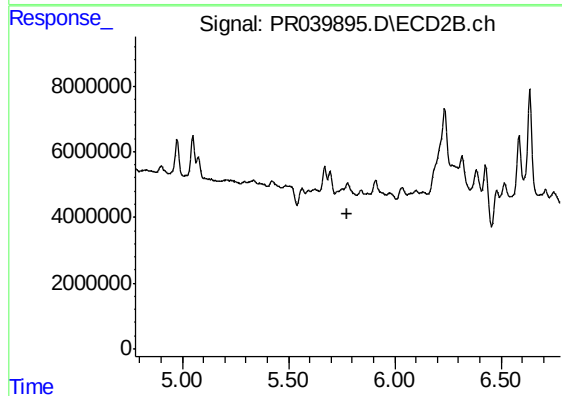
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



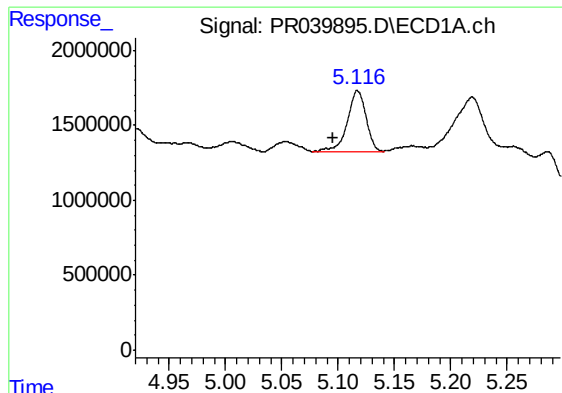
#13 AR-1232-3

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 755876
Conc: 17.88 ng/ml



#13 AR-1232-3

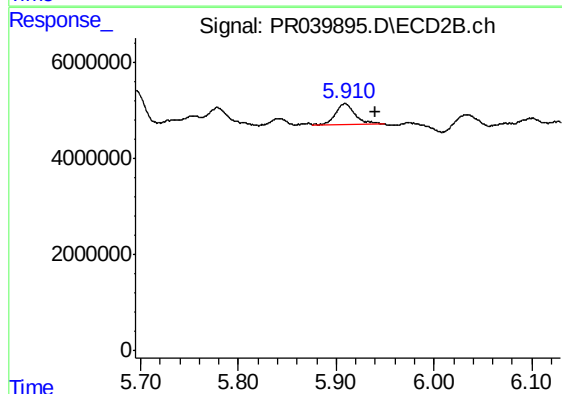
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#14 AR-1232-4

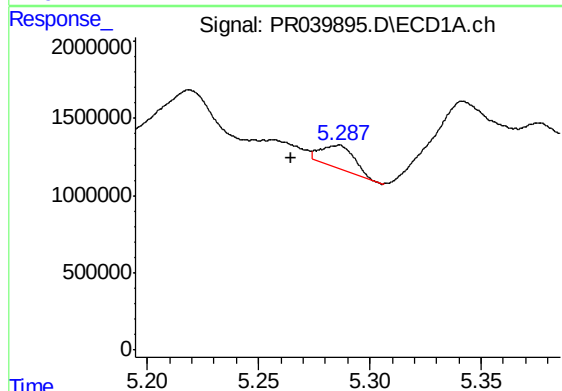
R.T.: 5.117 min
Delta R.T.: 0.022 min
Response: 4707073
Conc: 118.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



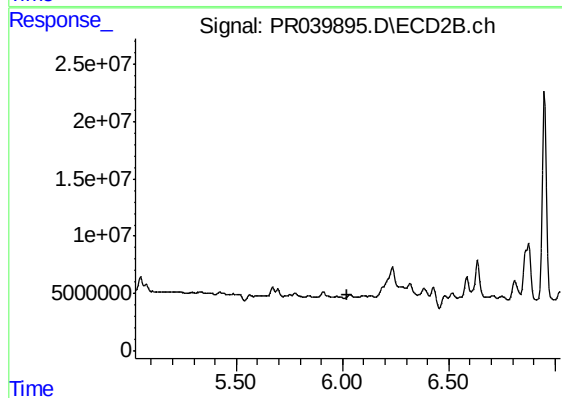
#14 AR-1232-4

R.T.: 5.909 min
Delta R.T.: -0.031 min
Response: 5903204
Conc: 36.59 ng/ml



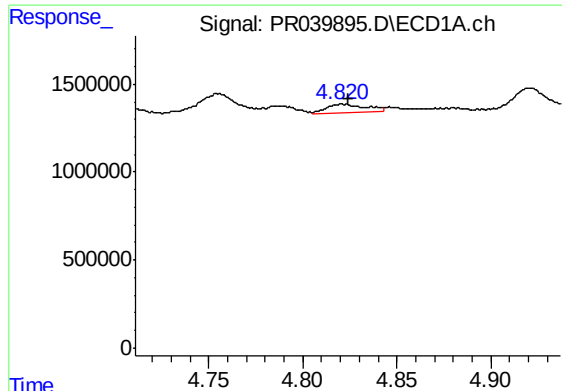
#15 AR-1232-5

R.T.: 5.286 min
Delta R.T.: 0.022 min
Response: 1560189
Conc: 36.87 ng/ml



#15 AR-1232-5

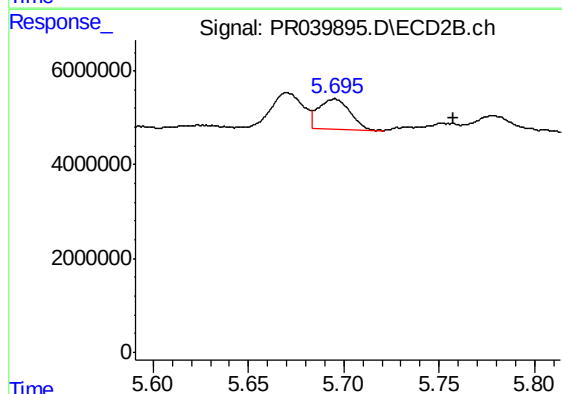
R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



#16 AR-1242-1

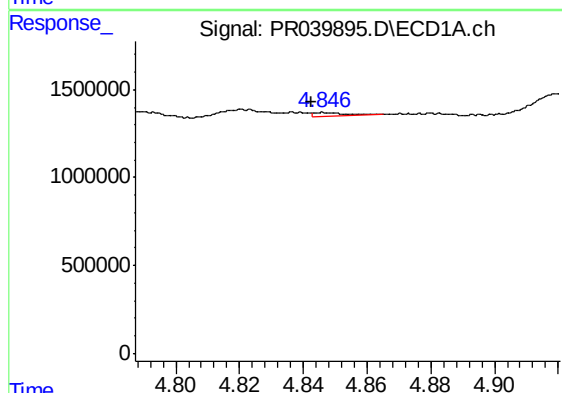
R.T.: 4.821 min
Delta R.T.: -0.004 min
Response: 654576
Conc: 7.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



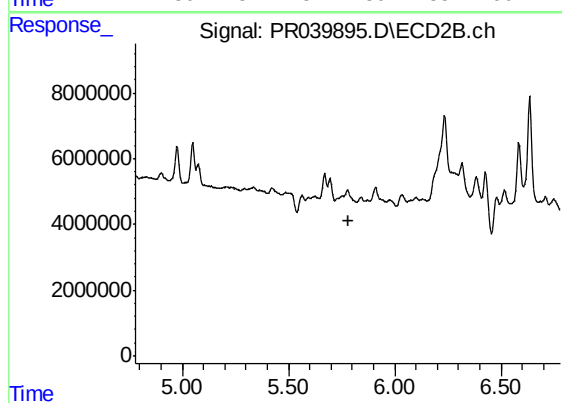
#16 AR-1242-1

R.T.: 5.695 min
Delta R.T.: -0.062 min
Response: 7490454
Conc: 21.05 ng/ml



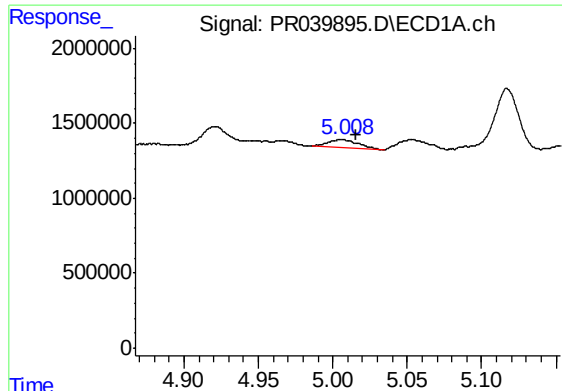
#17 AR-1242-2

R.T.: 4.846 min
Delta R.T.: 0.003 min
Response: 131408
Conc: 0.92 ng/ml



#17 AR-1242-2

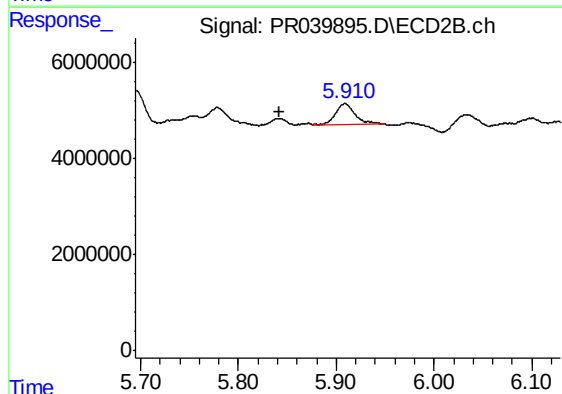
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#18 AR-1242-3

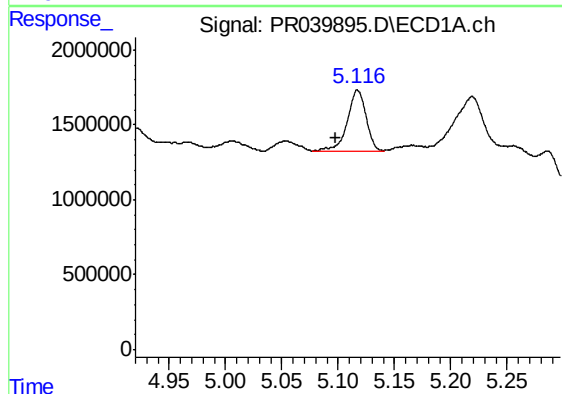
R.T.: 5.008 min
Delta R.T.: -0.008 min
Response: 755876
Conc: 10.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



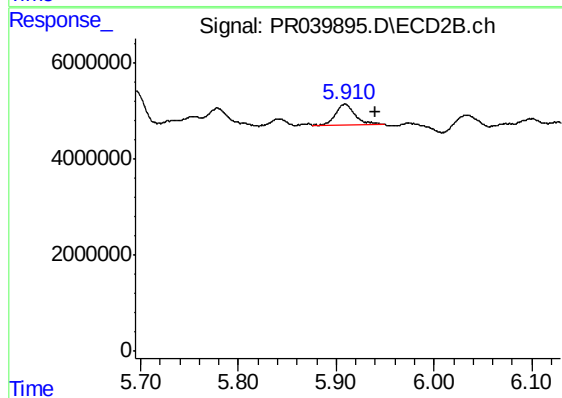
#18 AR-1242-3

R.T.: 5.909 min
Delta R.T.: 0.067 min
Response: 5903204
Conc: 19.17 ng/ml



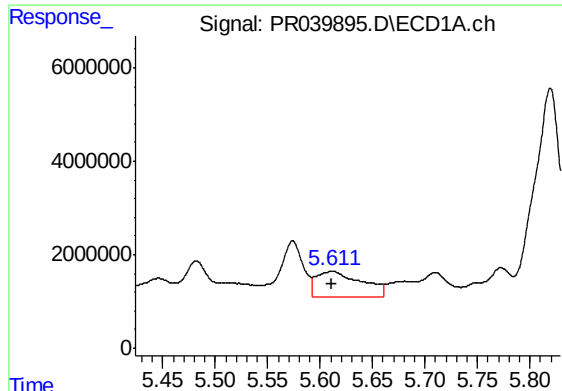
#19 AR-1242-4

R.T.: 5.117 min
Delta R.T.: 0.020 min
Response: 4707073
Conc: 67.29 ng/ml



#19 AR-1242-4

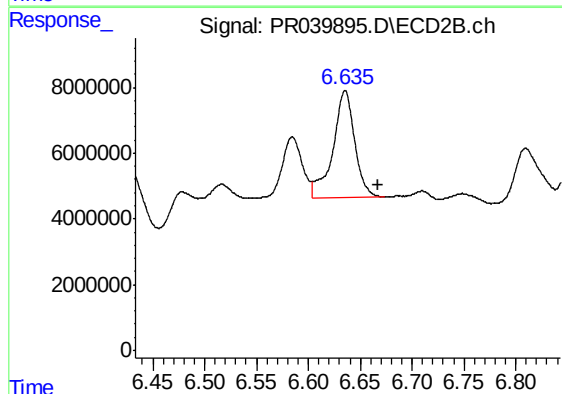
R.T.: 5.909 min
Delta R.T.: -0.031 min
Response: 5903204
Conc: 22.55 ng/ml



#20 AR-1242-5

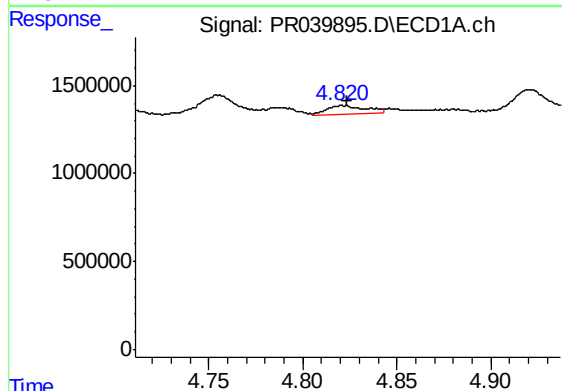
R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 16115667
Conc: 162.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



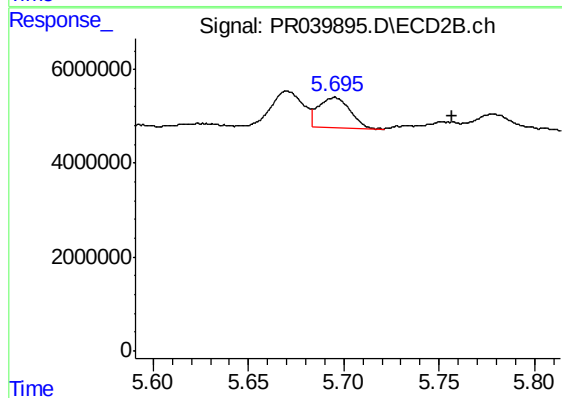
#20 AR-1242-5

R.T.: 6.635 min
Delta R.T.: -0.032 min
Response: 47467975
Conc: 163.65 ng/ml



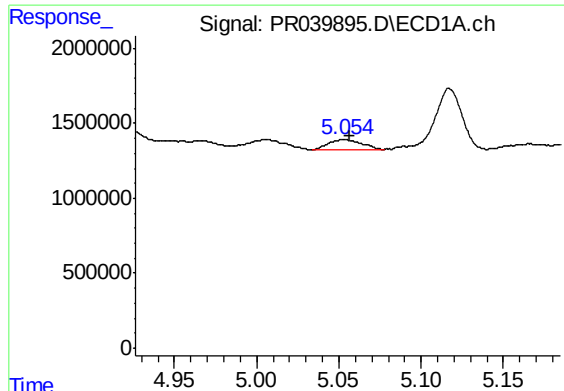
#21 AR-1248-1

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 654576
Conc: 9.05 ng/ml



#21 AR-1248-1

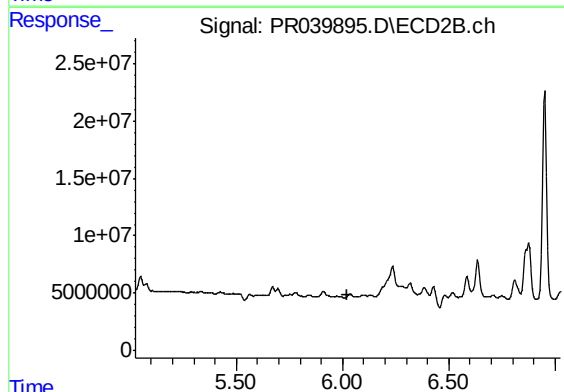
R.T.: 5.695 min
Delta R.T.: -0.062 min
Response: 7490454
Conc: 26.17 ng/ml



#22 AR-1248-2

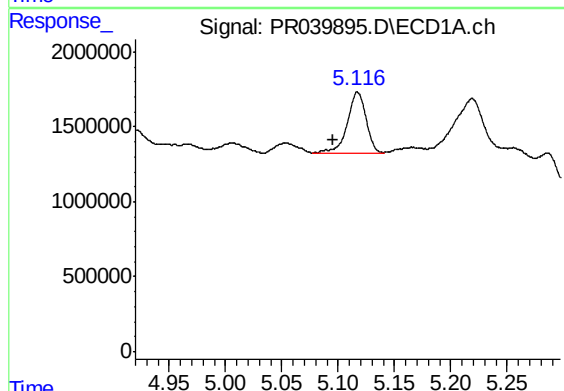
R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 923649
Conc: 11.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



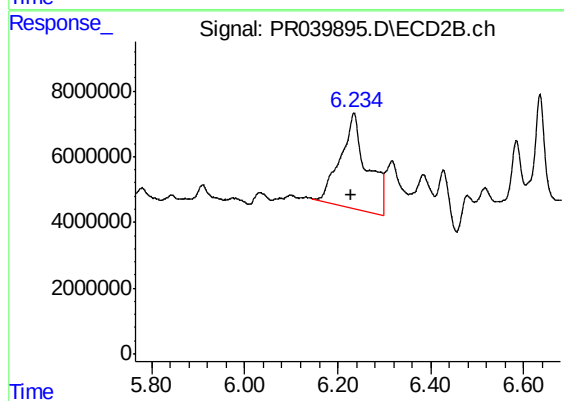
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



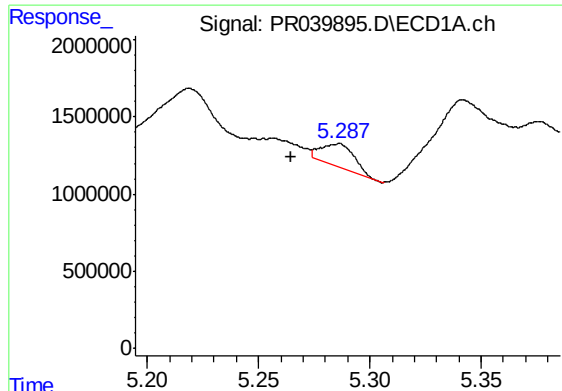
#23 AR-1248-3

R.T.: 5.117 min
Delta R.T.: 0.021 min
Response: 4707073
Conc: 44.08 ng/ml



#23 AR-1248-3

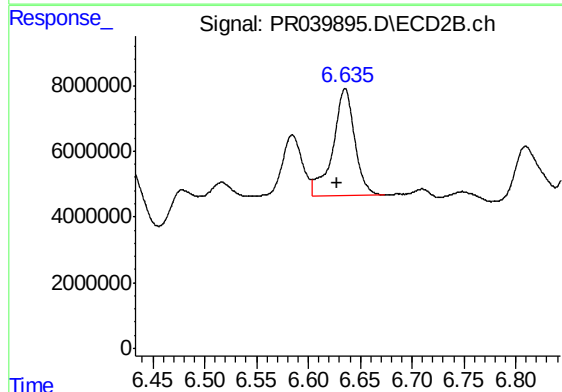
R.T.: 6.235 min
Delta R.T.: 0.006 min
Response: 115196040
Conc: 264.29 ng/ml



#24 AR-1248-4

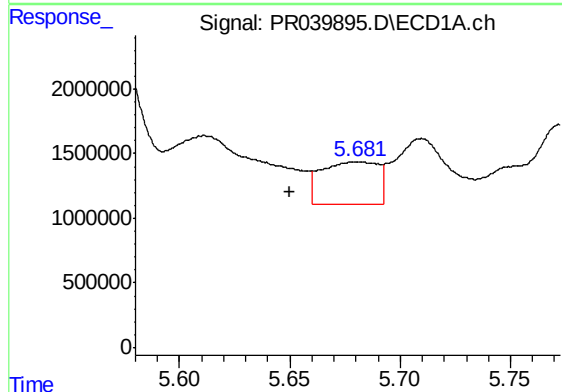
R.T.: 5.286 min
Delta R.T.: 0.022 min
Response: 1560189
Conc: 11.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



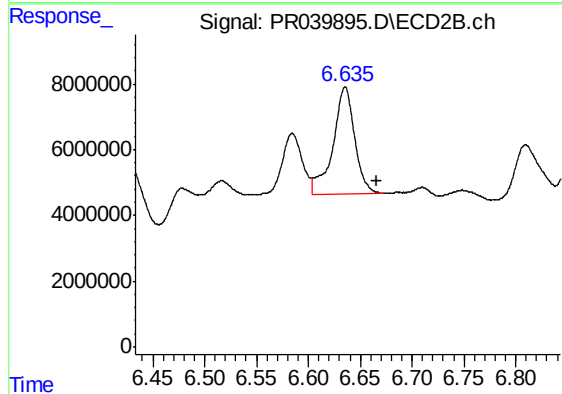
#24 AR-1248-4

R.T.: 6.635 min
Delta R.T.: 0.008 min
Response: 47467975
Conc: 91.39 ng/ml



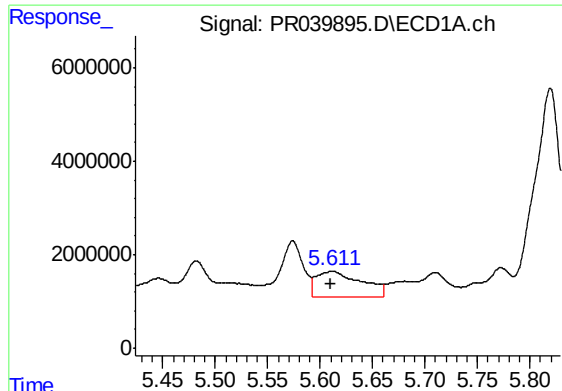
#25 AR-1248-5

R.T.: 5.681 min
Delta R.T.: 0.031 min
Response: 5918045
Conc: 40.83 ng/ml



#25 AR-1248-5

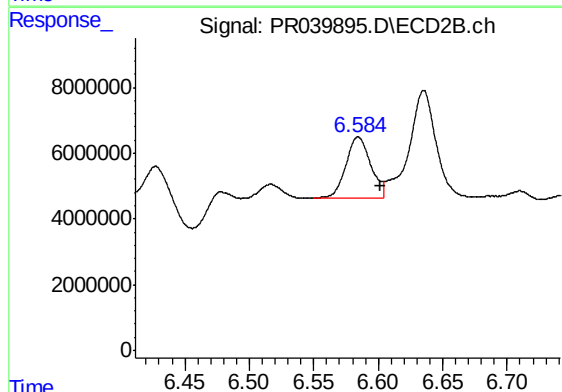
R.T.: 6.635 min
Delta R.T.: -0.031 min
Response: 47467975
Conc: 96.30 ng/ml



#26 AR-1254-1

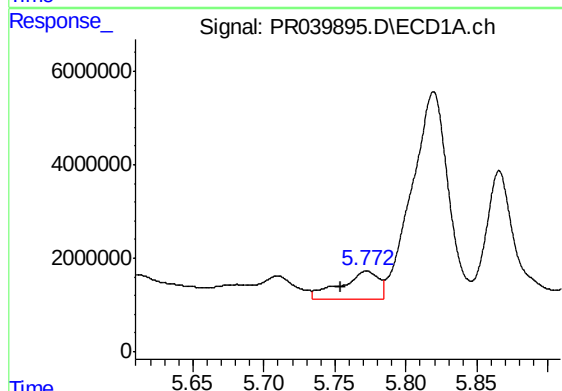
R.T.: 5.612 min
Delta R.T.: 0.002 min
Response: 16115667
Conc: 104.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



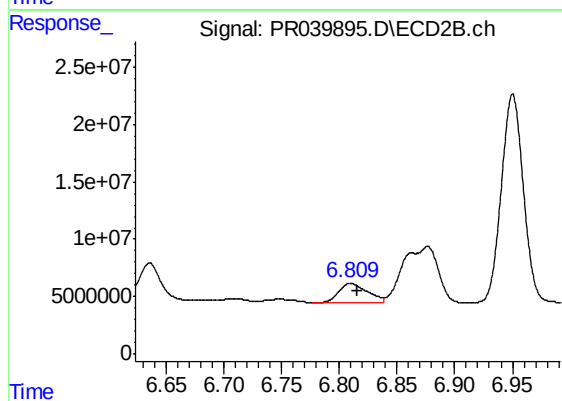
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: -0.017 min
Response: 25021395
Conc: 68.69 ng/ml



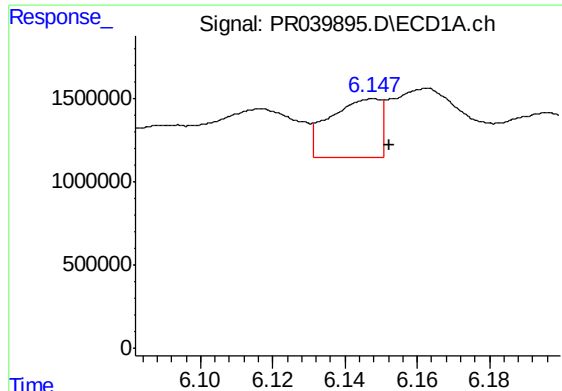
#27 AR-1254-2

R.T.: 5.772 min
Delta R.T.: 0.018 min
Response: 11375322
Conc: 86.88 ng/ml



#27 AR-1254-2

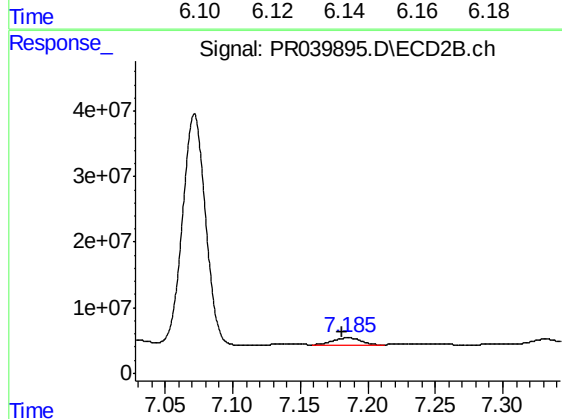
R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 30197624
Conc: 52.87 ng/ml



#28 AR-1254-3

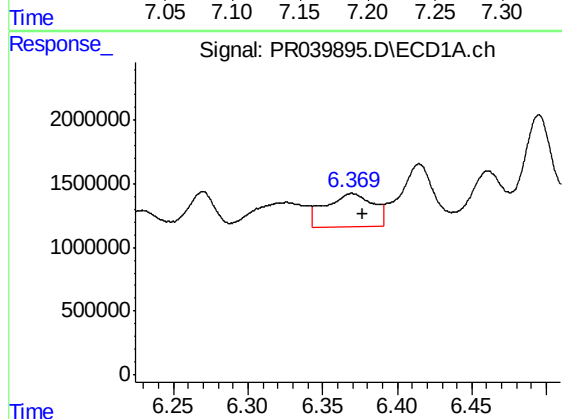
R.T.: 6.148 min
Delta R.T.: -0.005 min
Response: 3484943
Conc: 15.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



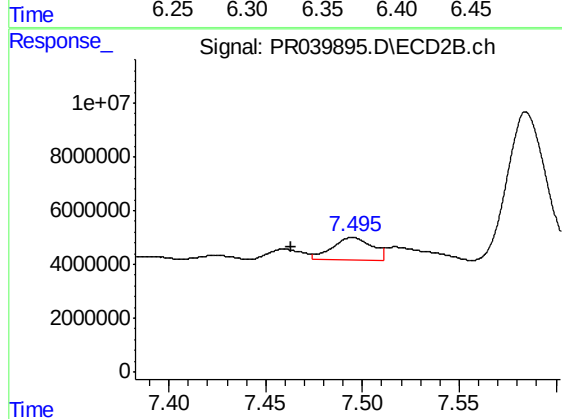
#28 AR-1254-3

R.T.: 7.185 min
Delta R.T.: 0.004 min
Response: 16280384
Conc: 26.11 ng/ml



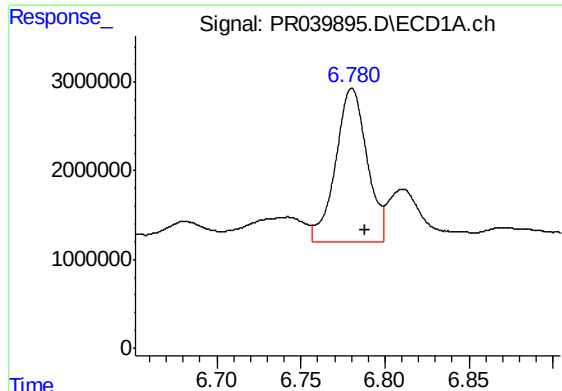
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: -0.007 min
Response: 5774747
Conc: 39.71 ng/ml



#29 AR-1254-4

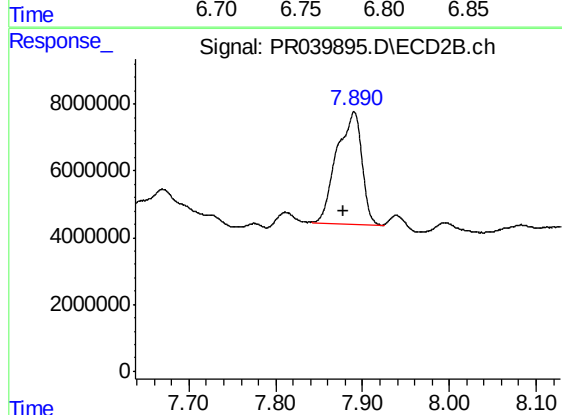
R.T.: 7.495 min
Delta R.T.: 0.032 min
Response: 11893040
Conc: 26.26 ng/ml



#30 AR-1254-5

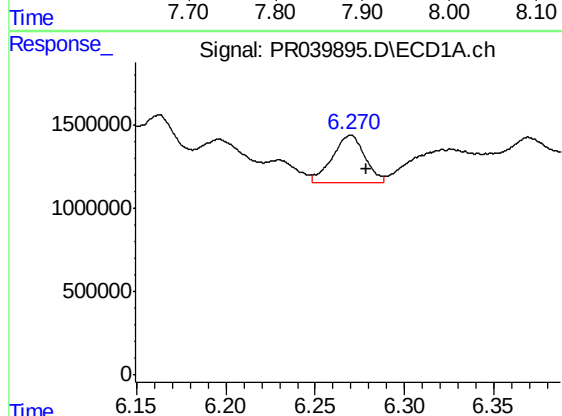
R.T.: 6.780 min
Delta R.T.: -0.008 min
Response: 22560398
Conc: 118.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



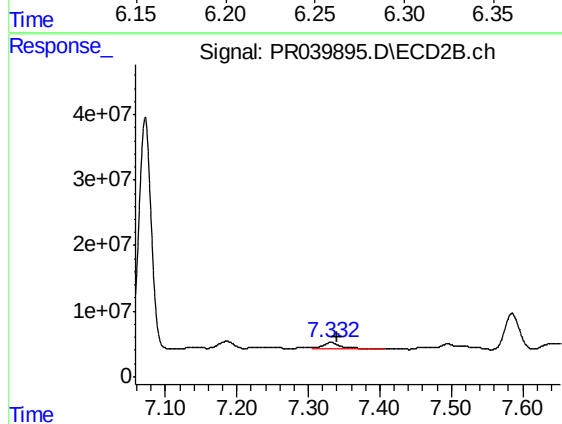
#30 AR-1254-5

R.T.: 7.890 min
Delta R.T.: 0.013 min
Response: 66984629
Conc: 141.08 ng/ml



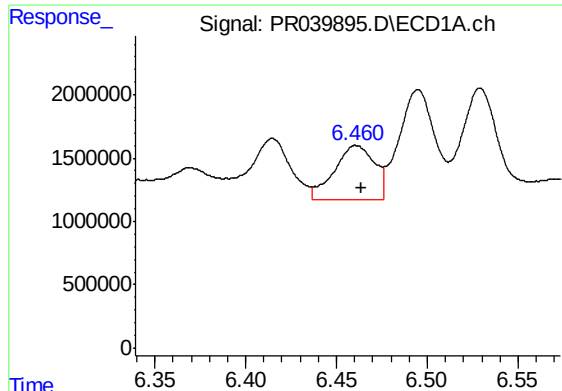
#31 AR-1260-1

R.T.: 6.270 min
Delta R.T.: -0.009 min
Response: 3603146
Conc: 24.72 ng/ml



#31 AR-1260-1

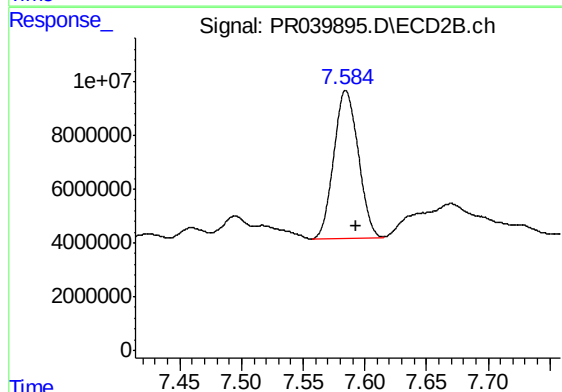
R.T.: 7.332 min
Delta R.T.: -0.009 min
Response: 17244968
Conc: 38.86 ng/ml



#32 AR-1260-2

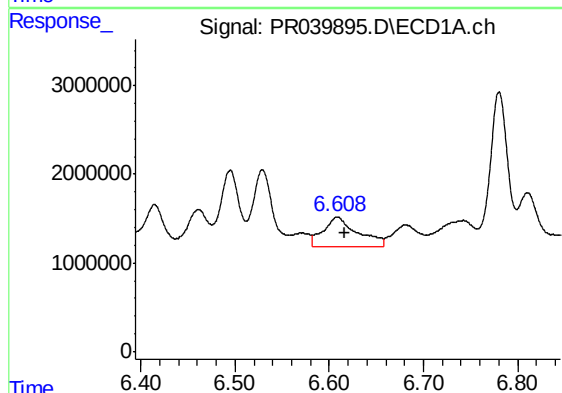
R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 6651173
Conc: 36.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



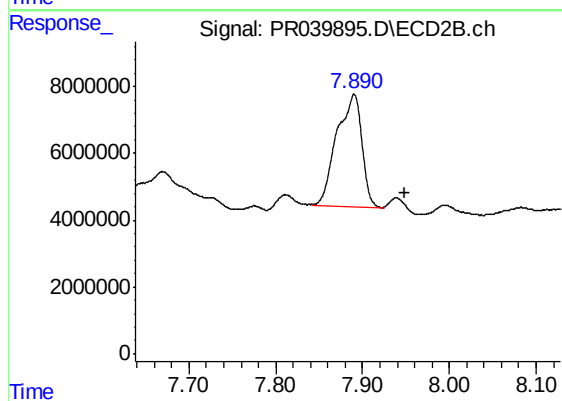
#32 AR-1260-2

R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 76137821
Conc: 138.90 ng/ml



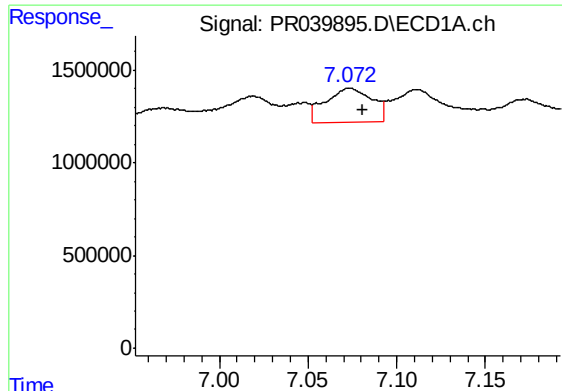
#33 AR-1260-3

R.T.: 6.609 min
Delta R.T.: -0.007 min
Response: 8422511
Conc: 50.84 ng/ml



#33 AR-1260-3

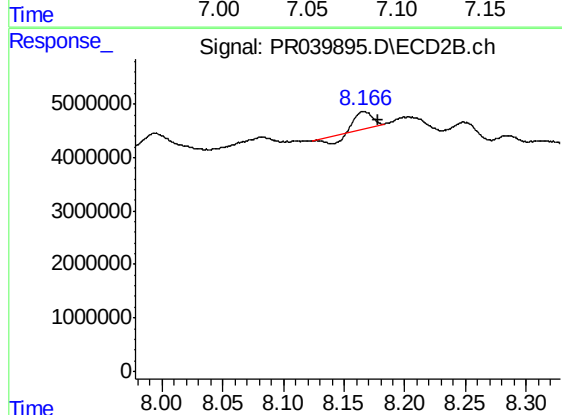
R.T.: 7.890 min
Delta R.T.: -0.058 min
Response: 66984629
Conc: 159.78 ng/ml



#34 AR-1260-4

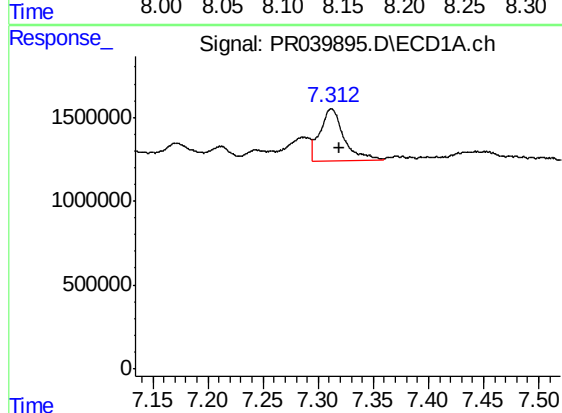
R.T.: 7.073 min
Delta R.T.: -0.008 min
Response: 3297382
Conc: 23.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



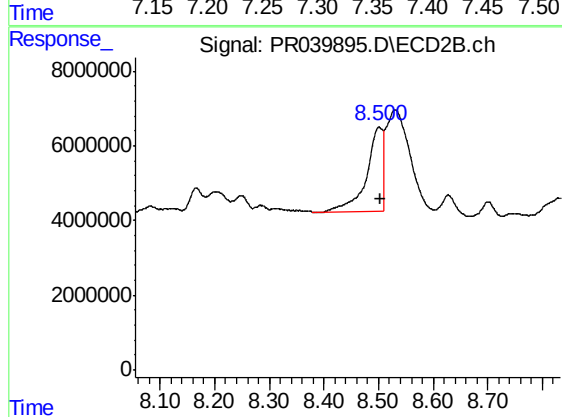
#34 AR-1260-4

R.T.: 8.166 min
Delta R.T.: -0.012 min
Response: 2131357
Conc: 4.42 ng/ml



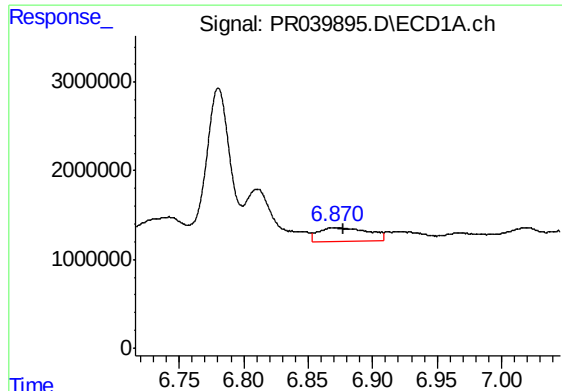
#35 AR-1260-5

R.T.: 7.312 min
Delta R.T.: -0.007 min
Response: 4712061
Conc: 13.66 ng/ml



#35 AR-1260-5

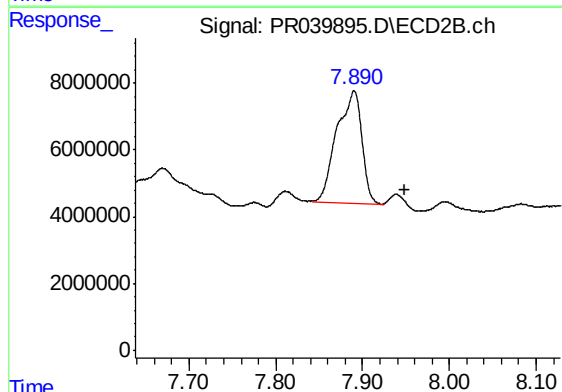
R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 45253351
Conc: 44.12 ng/ml



#36 AR-1262-1

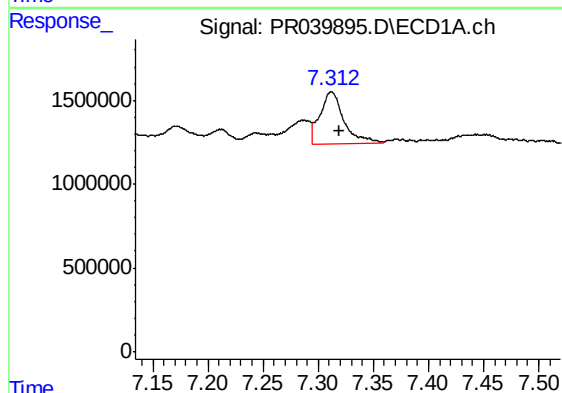
R.T.: 6.871 min
Delta R.T.: -0.006 min
Response: 4134516
Conc: 28.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



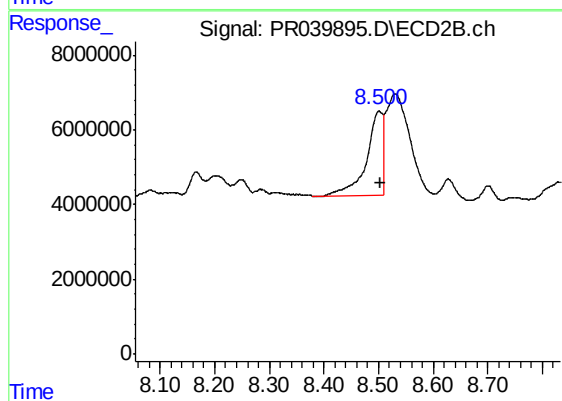
#36 AR-1262-1

R.T.: 7.890 min
Delta R.T.: -0.058 min
Response: 66984629
Conc: 64.52 ng/ml



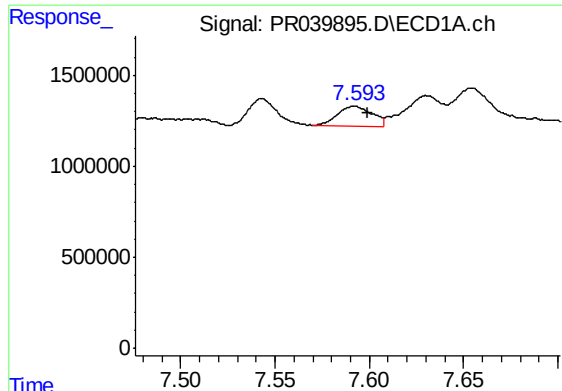
#37 AR-1262-2

R.T.: 7.312 min
Delta R.T.: -0.008 min
Response: 4712061
Conc: 6.97 ng/ml



#37 AR-1262-2

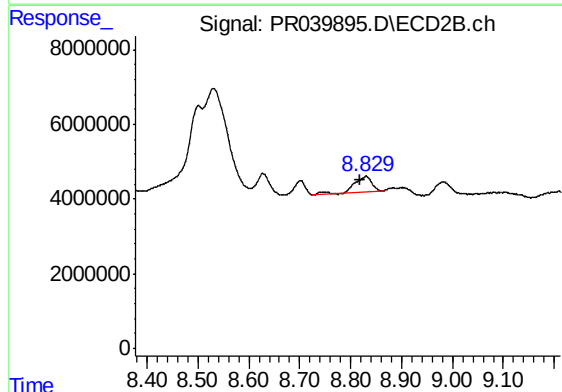
R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 45253351
Conc: 22.46 ng/ml



#38 AR-1262-3

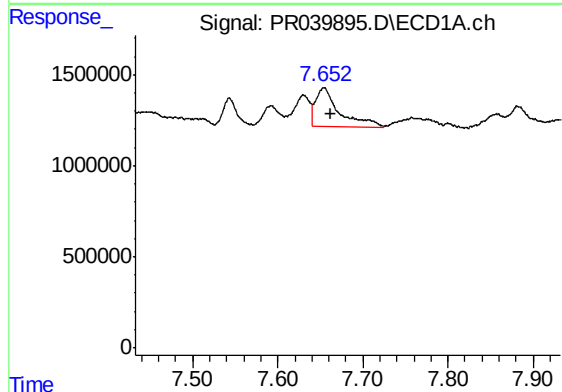
R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 1401566
Conc: 5.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



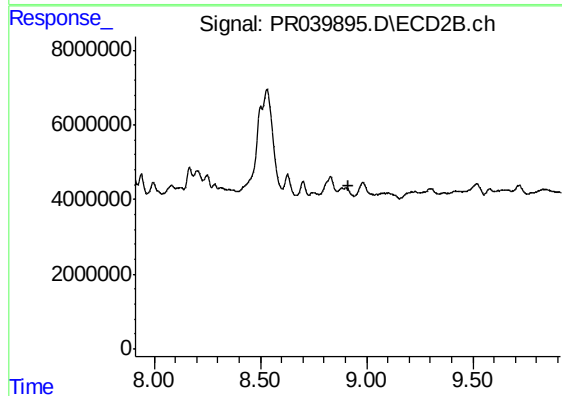
#38 AR-1262-3

R.T.: 8.830 min
Delta R.T.: 0.011 min
Response: 10374491
Conc: 8.27 ng/ml



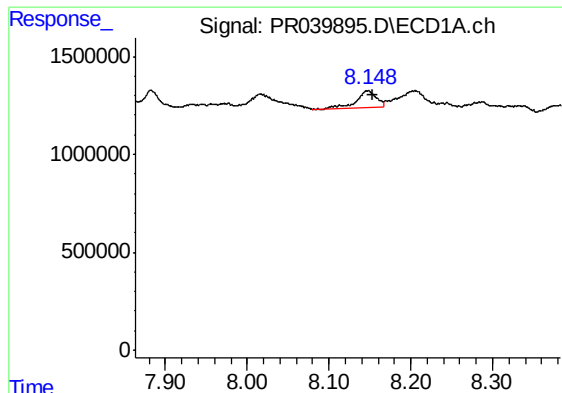
#39 AR-1262-4

R.T.: 7.654 min
Delta R.T.: -0.008 min
Response: 4101008
Conc: 8.86 ng/ml



#39 AR-1262-4

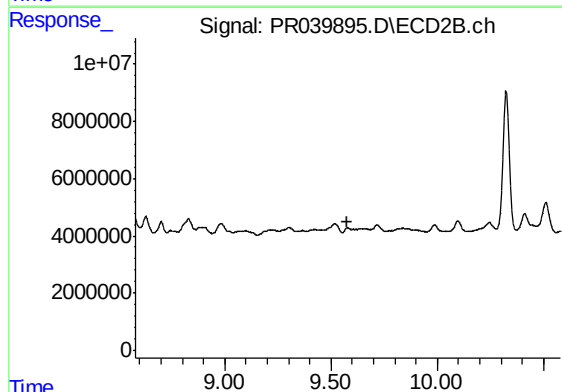
R.T.: 0.000 min
Exp R.T. : 8.912 min
Response: 0
Conc: N.D.



#40 AR-1262-5

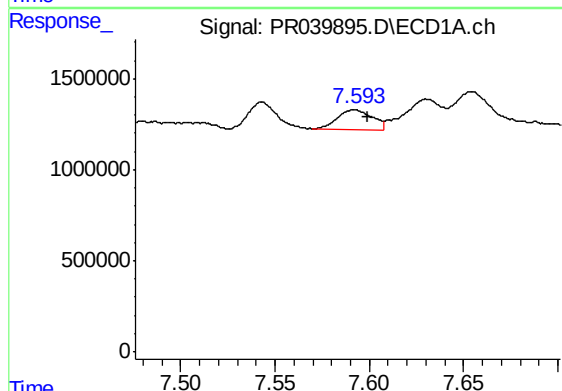
R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 1500590
Conc: 7.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



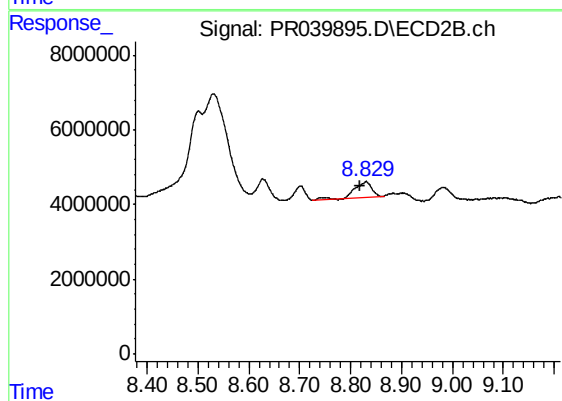
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



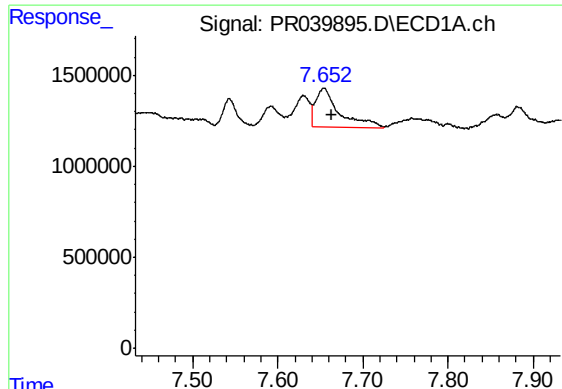
#41 AR-1268-1

R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 1401566
Conc: 1.83 ng/ml



#41 AR-1268-1

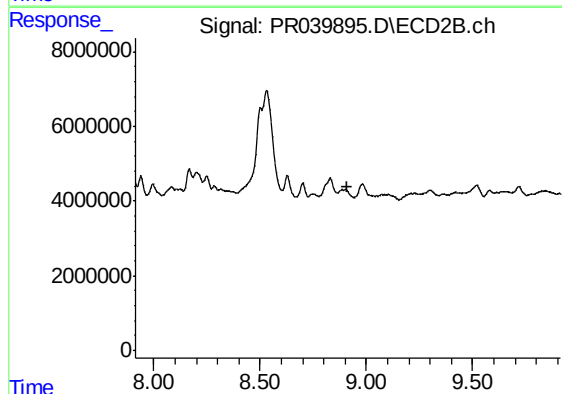
R.T.: 8.830 min
Delta R.T.: 0.012 min
Response: 10374491
Conc: 4.37 ng/ml



#42 AR-1268-2

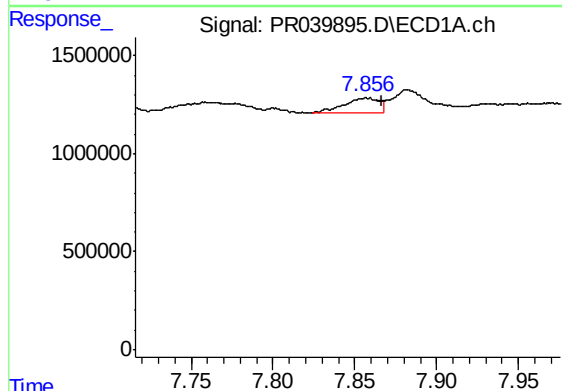
R.T.: 7.654 min
Delta R.T.: -0.010 min
Response: 4101008
Conc: 5.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



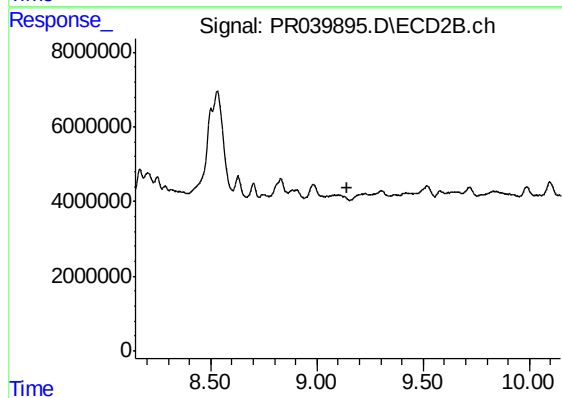
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.913 min
Response: 0
Conc: N.D.



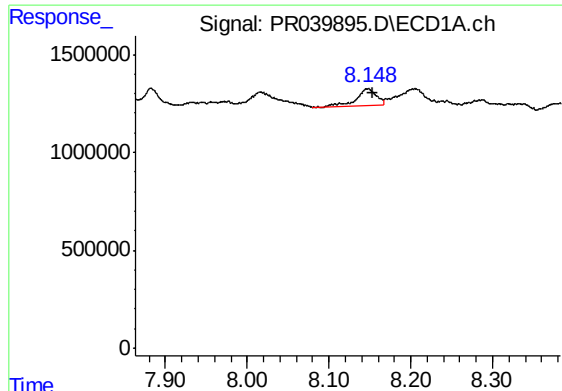
#43 AR-1268-3

R.T.: 7.857 min
Delta R.T.: -0.009 min
Response: 1144678
Conc: 2.06 ng/ml



#43 AR-1268-3

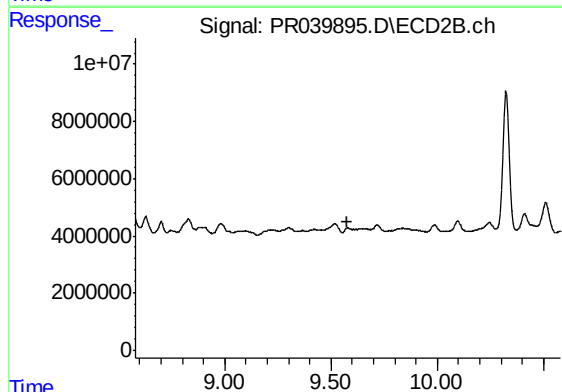
R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



#44 AR-1268-4

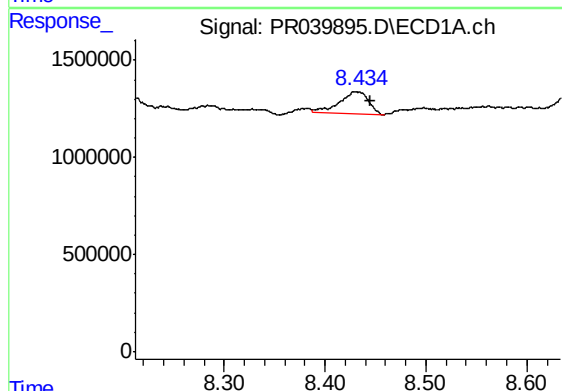
R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 1500590
Conc: 6.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
S4-01-B



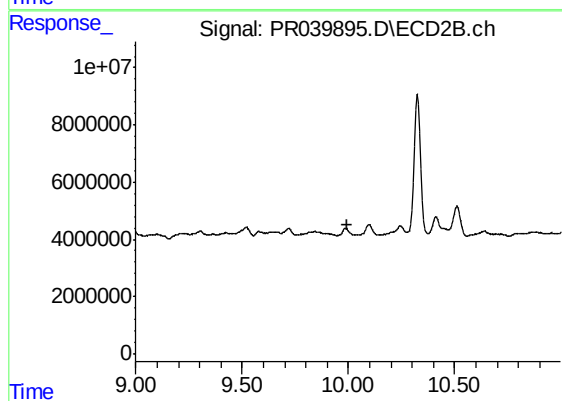
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.434 min
Delta R.T.: -0.011 min
Response: 2371711
Conc: 1.39 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.998 min
Response: 0
Conc: N.D.