

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080219\
 Data File : PR039957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 16:10
 Operator : SM\AJ
 Sample : K4063-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S3-01-BRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 04:09:18 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...	3.752	4.596	33580239	135.7E6	13.992	13.539
2)	SA Decachlor...	8.689	10.325	24802830	100.3E6	9.983	10.689
Target Compounds							
3)	L1 AR-1016-1	4.825	0.000	1997509	0	22.720	N.D. #
4)	L1 AR-1016-2	4.853	0.000	235275	0	1.624	N.D. #
5)	L1 AR-1016-3	5.067	0.000	5345742	0	76.963	N.D. #
6)	L1 AR-1016-4	5.067	0.000	5345742	0	94.965	N.D. #
7)	L1 AR-1016-5	5.260	6.235	5200742	15776755	69.341	62.796
8)	L2 AR-1221-1	3.915	0.000	984070	0	30.235	N.D. #
9)	L2 AR-1221-2	4.049	0.000	1150061	0	47.268	N.D. #
10)	L2 AR-1221-3	4.120	0.000	1553685	0	19.838	N.D. #
11)	L3 AR-1232-1	4.120	0.000	1553685	0	19.881	N.D. #
12)	L3 AR-1232-2	4.853	0.000	235275	0	2.503	N.D. #
13)	L3 AR-1232-3	5.067	0.000	5345742	0	126.459	N.D. #
14)	L3 AR-1232-4	5.119	0.000	11019123	0	276.854	N.D. #
15)	L3 AR-1232-5	5.260	0.000	5200742	0	122.891	N.D. #
16)	L4 AR-1242-1	4.825	0.000	1997509	0	21.879	N.D. #
17)	L4 AR-1242-2	4.853	0.000	235275	0	1.642	N.D. #
18)	L4 AR-1242-3	5.067	0.000	5345742	0	75.637	N.D. #
19)	L4 AR-1242-4	5.119	0.000	11019123	0	157.532	N.D. #
20)	L4 AR-1242-5	5.629	6.690	57431674	20424361	578.190	70.417 #
21)	L5 AR-1248-1	4.825	0.000	1997509	0	27.603	N.D. #
22)	L5 AR-1248-2	5.067	0.000	5345742	0	68.330	N.D. #
23)	L5 AR-1248-3	5.119	6.235	11019123	15776755	103.190	36.196 #
24)	L5 AR-1248-4	5.260	6.636	5200742	76308849	39.284	146.912 #
25)	L5 AR-1248-5	5.629	6.690	57431674	20424361	396.246	41.435 #
26)	L6 AR-1254-1	5.629	6.597	57431674	240.5E6	372.377	660.286 #
27)	L6 AR-1254-2	5.751	6.810	11472759	67371158	87.623	117.950 #
28)	L6 AR-1254-3	6.147	7.194	15922975	79440847	71.266	127.412 #
29)	L6 AR-1254-4	6.372	7.456	10692027	81454344	73.526	179.854 #
30)	L6 AR-1254-5	6.783	7.873	20431461	77782520	107.299	163.821 #
31)	L7 AR-1260-1	6.276	7.339	15053801	27278461	103.298	61.477 #
32)	L7 AR-1260-2	6.452	7.587	28236072	93730534	153.362	170.991
33)	L7 AR-1260-3	6.611	7.942	15224001	21071520	91.895	50.261 #
34)	L7 AR-1260-4	7.075	8.168	10039633	19818070	72.224	41.074 #
35)	L7 AR-1260-5	7.315	8.496	12499487	21477248	36.231	20.940 #
36)	L8 AR-1262-1	6.873	7.942	11015717	21071520	75.025	20.298 #
37)	L8 AR-1262-2	7.315	8.496	12499487	21477248	18.494	10.662 #
38)	L8 AR-1262-3	7.594	8.831	4033141	17955640	16.978	14.309
39)	L8 AR-1262-4	7.658	0.000	6966693	0	15.044	N.D. #
40)	L8 AR-1262-5	8.148	0.000	3273217	0	16.834	N.D. #
41)	L9 AR-1268-1	7.594	8.831	4033141	17955640	5.261	7.567 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080219\
Data File : PR039957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 16:10
Operator : SM\AJ
Sample : K4063-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

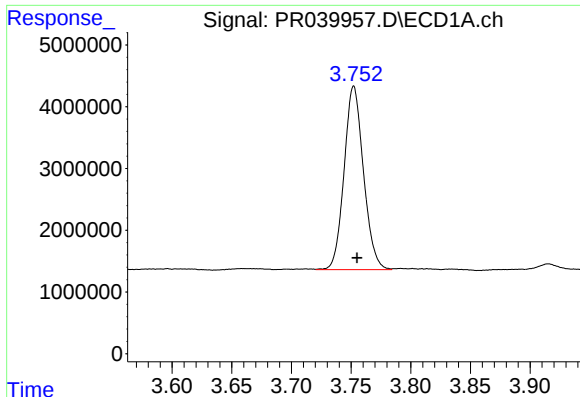
Instrument :
ECD_R
ClientSampleId :
S3-01-BRE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 04:09:18 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
42)	L9 AR-1268-2	7.658	0.000	6966693	0	9.923	N.D. #
43)	L9 AR-1268-3	7.859	0.000	1662125	0	2.991	N.D. #
44)	L9 AR-1268-4	8.148	0.000	3273217	0	14.207	N.D. #
45)	L9 AR-1268-5	8.437	9.986	4971634	13623342	2.918	2.329

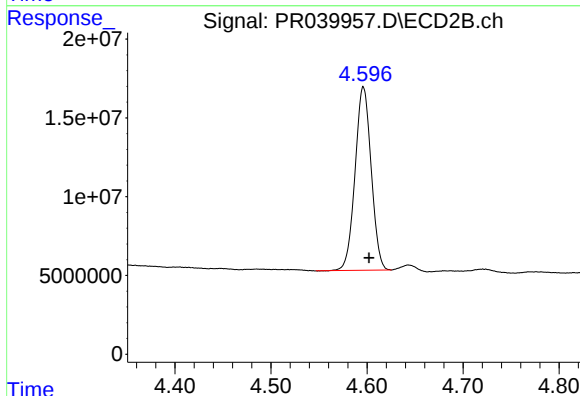
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

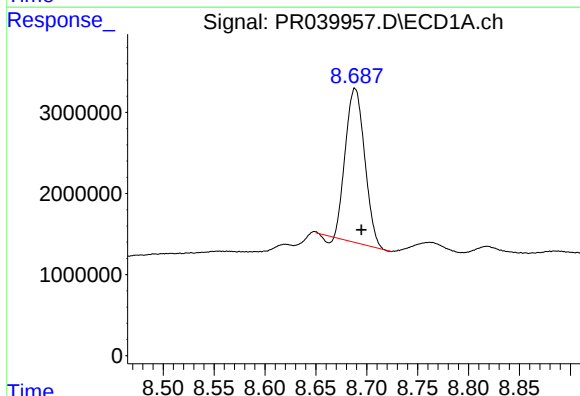
R.T.: 3.752 min
Delta R.T.: -0.003 min
Response: 33580239
Conc: 13.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



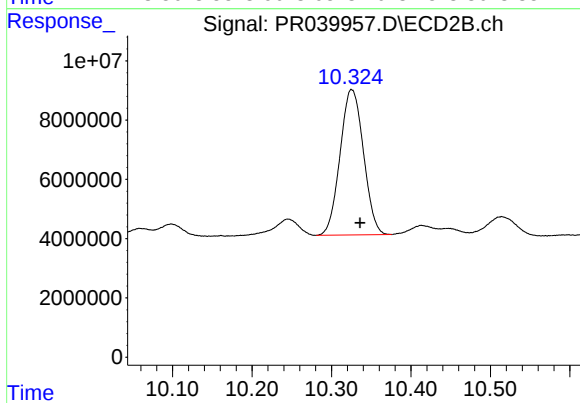
#1 Tetrachloro-m-xylene

R.T.: 4.596 min
Delta R.T.: -0.006 min
Response: 135717602
Conc: 13.54 ng/ml



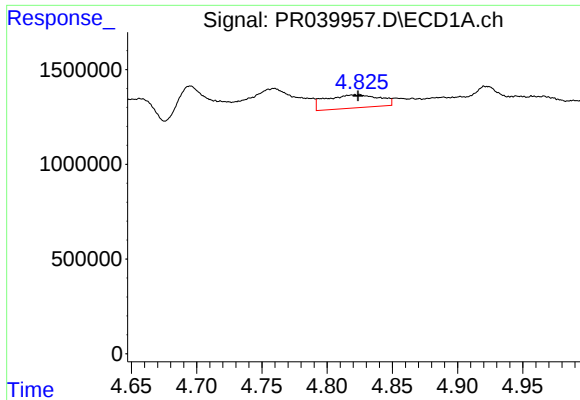
#2 Decachlorobiphenyl

R.T.: 8.689 min
Delta R.T.: -0.006 min
Response: 24802830
Conc: 9.98 ng/ml



#2 Decachlorobiphenyl

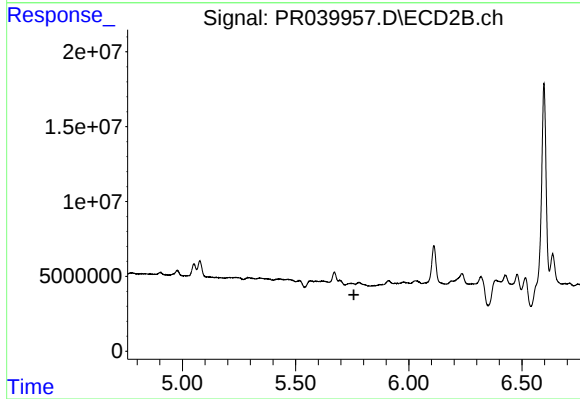
R.T.: 10.325 min
Delta R.T.: -0.011 min
Response: 100345984
Conc: 10.69 ng/ml



#3 AR-1016-1

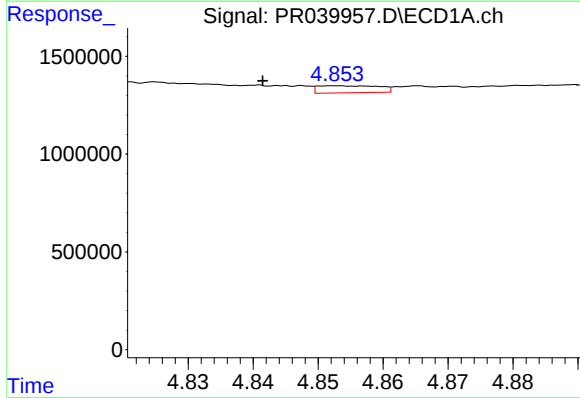
R.T.: 4.825 min
Delta R.T.: 0.001 min
Response: 1997509
Conc: 22.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



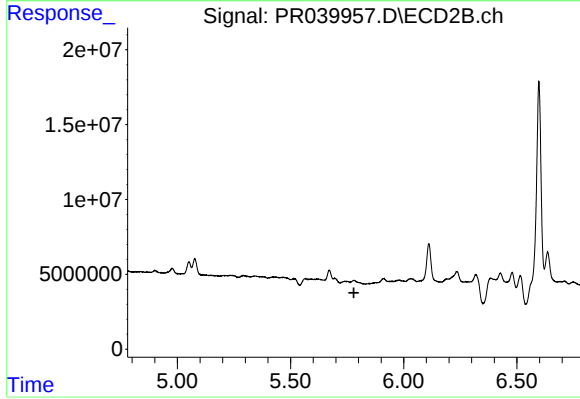
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



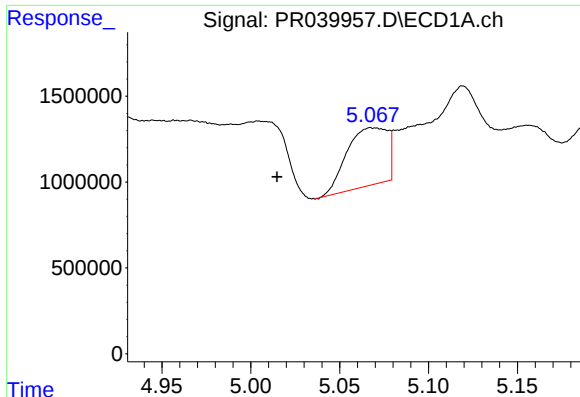
#4 AR-1016-2

R.T.: 4.853 min
Delta R.T.: 0.011 min
Response: 235275
Conc: 1.62 ng/ml



#4 AR-1016-2

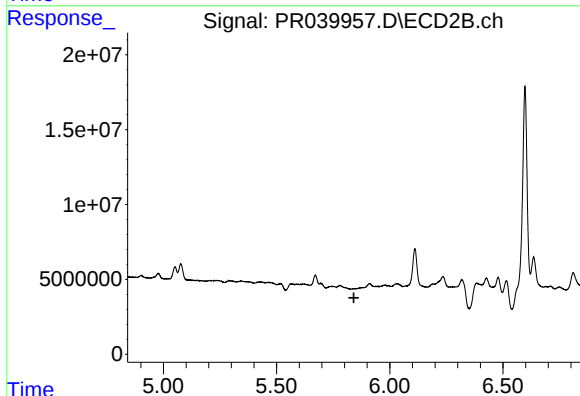
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#5 AR-1016-3

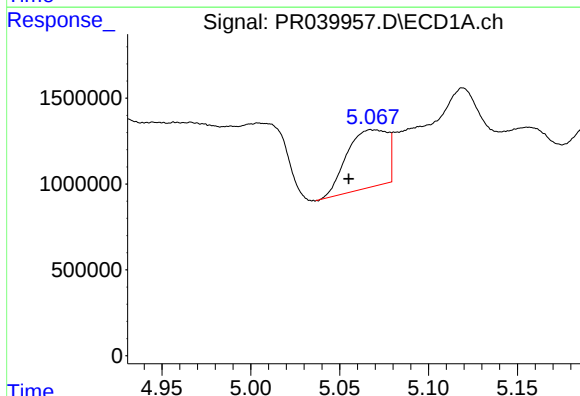
R.T.: 5.067 min
Delta R.T.: 0.052 min
Response: 5345742
Conc: 76.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



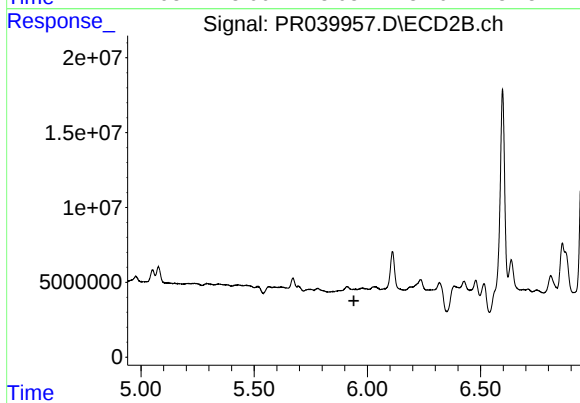
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



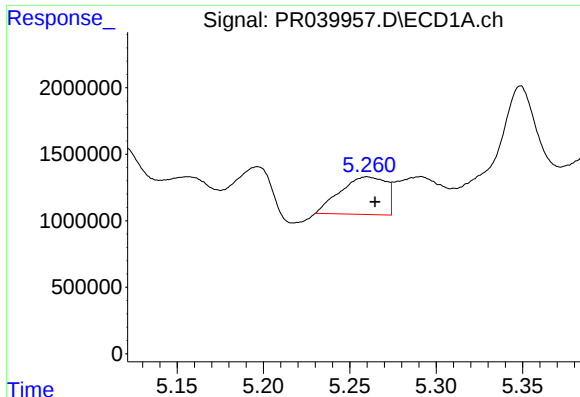
#6 AR-1016-4

R.T.: 5.067 min
Delta R.T.: 0.012 min
Response: 5345742
Conc: 94.97 ng/ml



#6 AR-1016-4

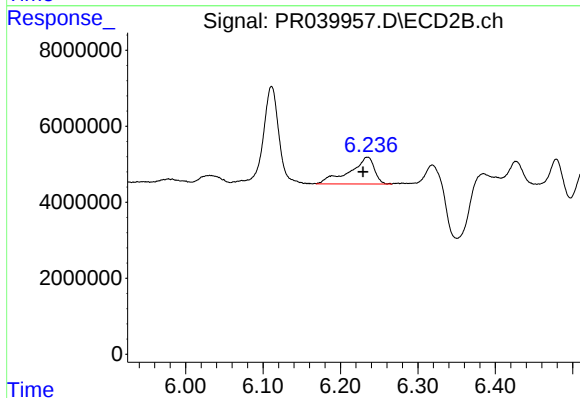
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#7 AR-1016-5

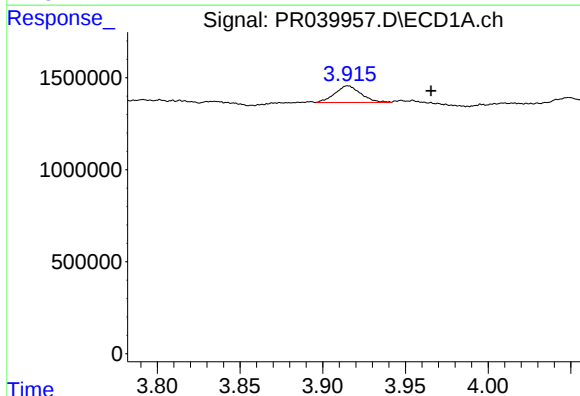
R.T.: 5.260 min
Delta R.T.: -0.005 min
Response: 5200742
Conc: 69.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



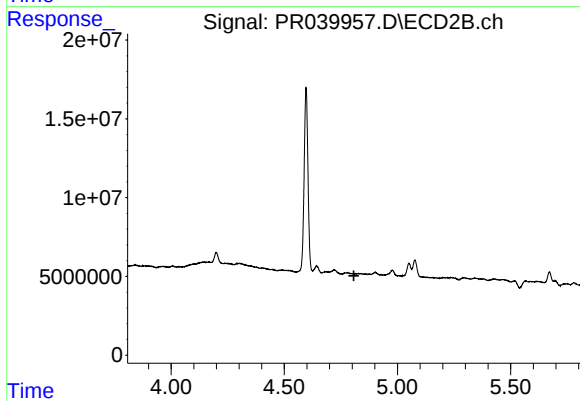
#7 AR-1016-5

R.T.: 6.235 min
Delta R.T.: 0.006 min
Response: 15776755
Conc: 62.80 ng/ml



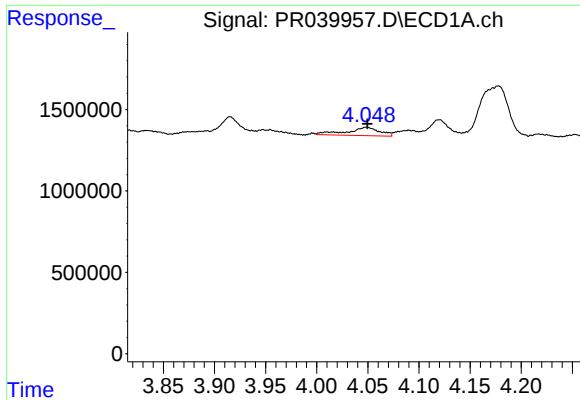
#8 AR-1221-1

R.T.: 3.915 min
Delta R.T.: -0.050 min
Response: 984070
Conc: 30.24 ng/ml



#8 AR-1221-1

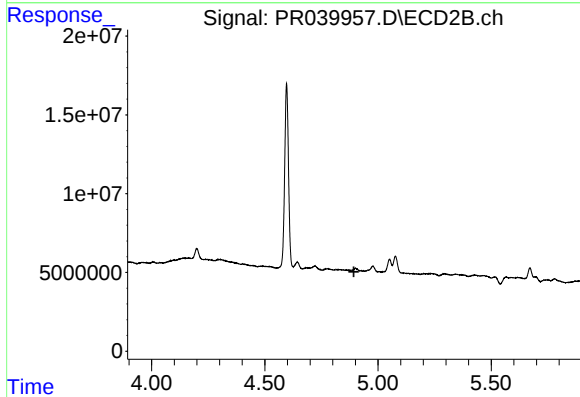
R.T.: 0.000 min
Exp R.T.: 4.808 min
Response: 0
Conc: N.D.



#9 AR-1221-2

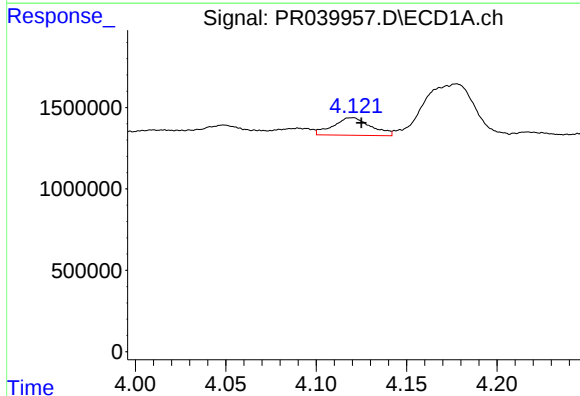
R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 1150061
Conc: 47.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



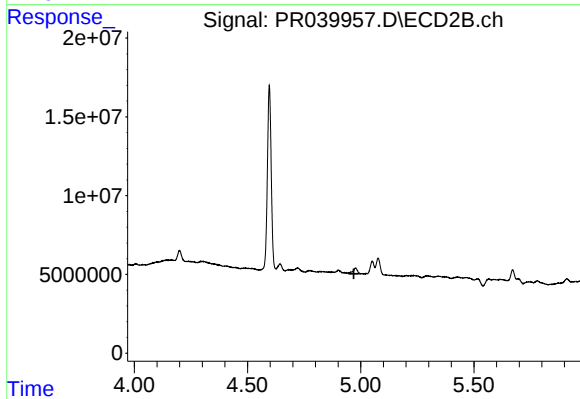
#9 AR-1221-2

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



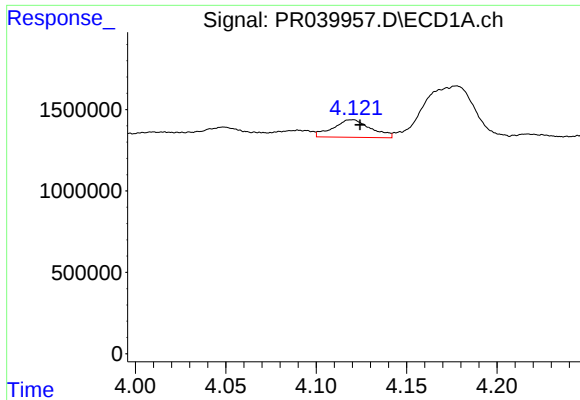
#10 AR-1221-3

R.T.: 4.120 min
Delta R.T.: -0.005 min
Response: 1553685
Conc: 19.84 ng/ml



#10 AR-1221-3

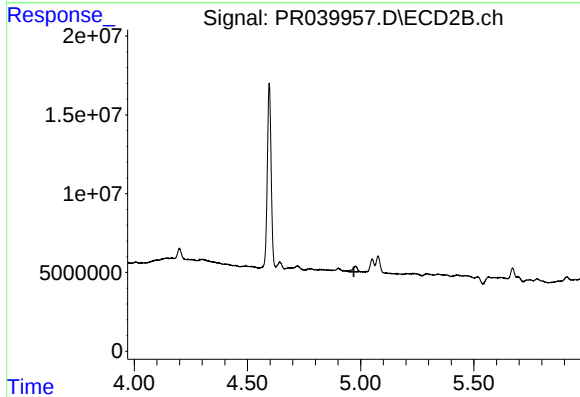
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#11 AR-1232-1

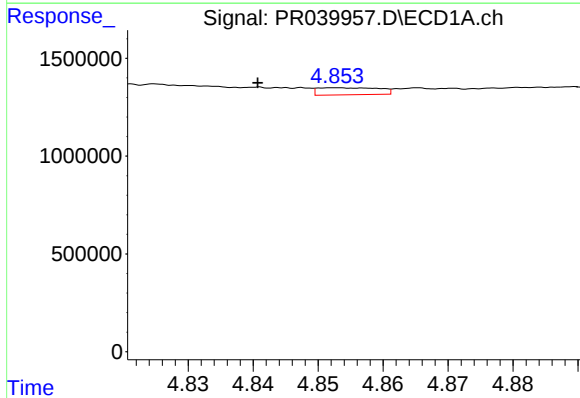
R.T.: 4.120 min
Delta R.T.: -0.004 min
Response: 1553685
Conc: 19.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



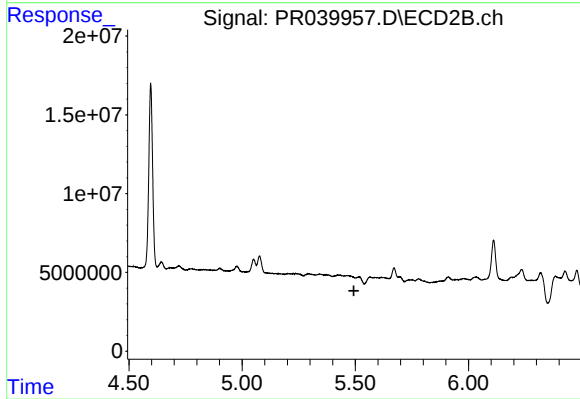
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



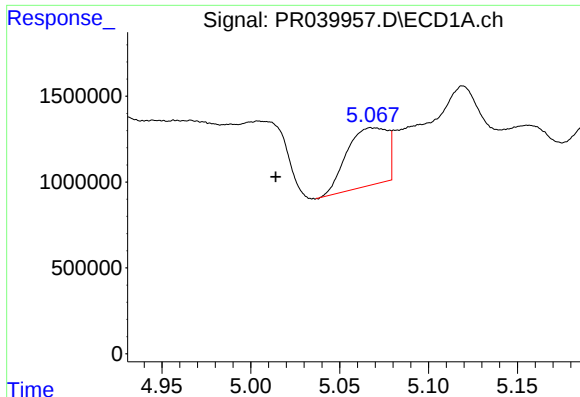
#12 AR-1232-2

R.T.: 4.853 min
Delta R.T.: 0.012 min
Response: 235275
Conc: 2.50 ng/ml



#12 AR-1232-2

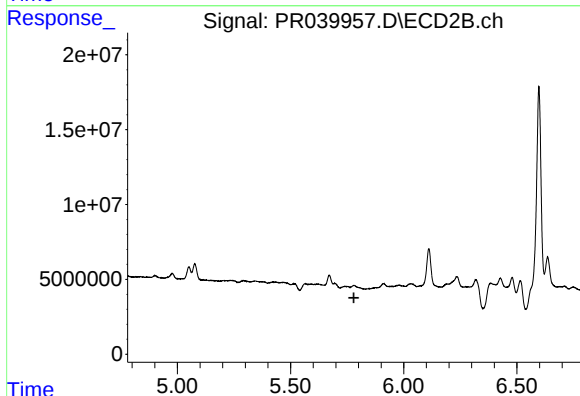
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#13 AR-1232-3

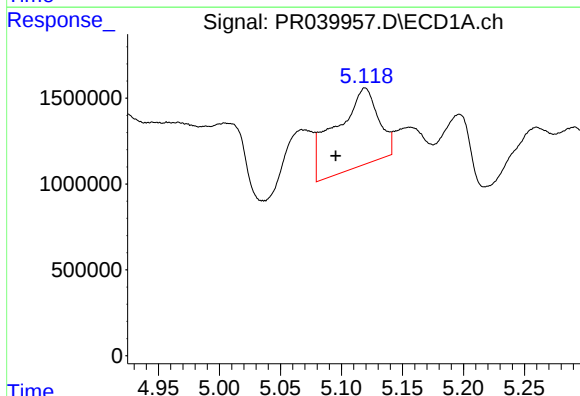
R.T.: 5.067 min
Delta R.T.: 0.053 min
Response: 5345742
Conc: 126.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



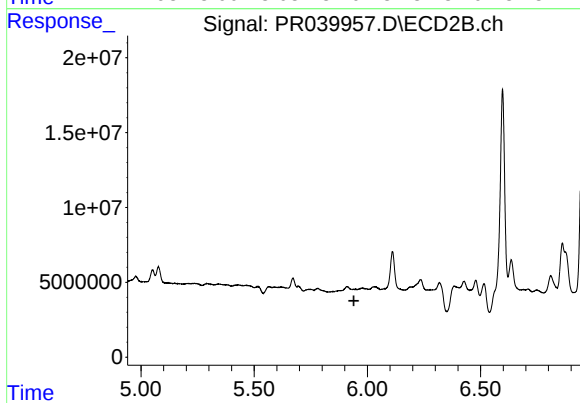
#13 AR-1232-3

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



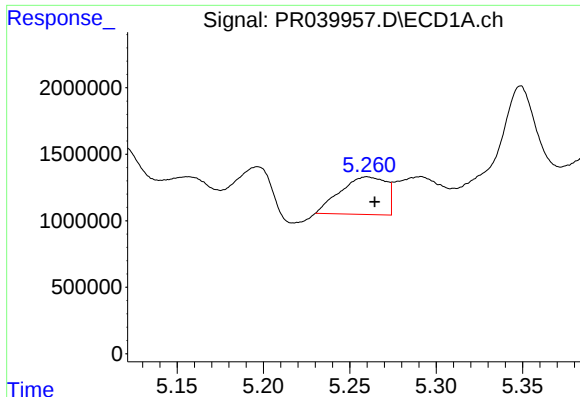
#14 AR-1232-4

R.T.: 5.119 min
Delta R.T.: 0.024 min
Response: 11019123
Conc: 276.85 ng/ml



#14 AR-1232-4

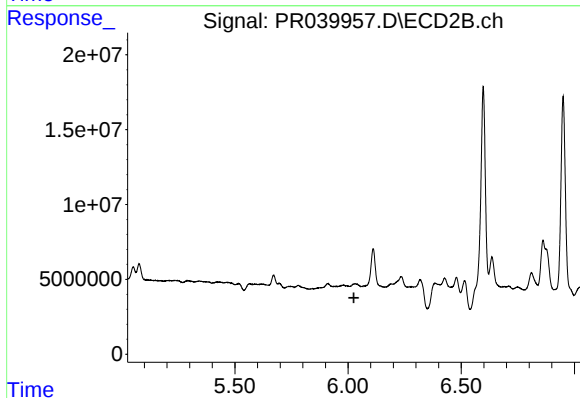
R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



#15 AR-1232-5

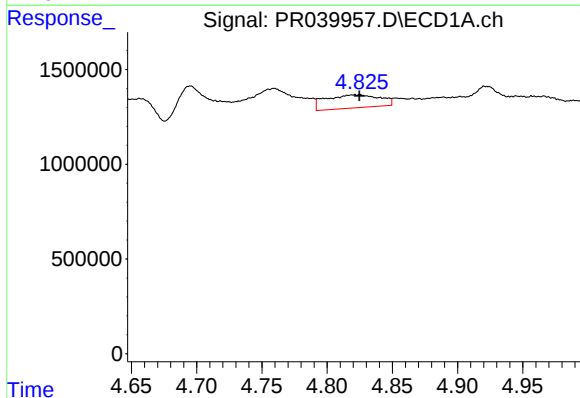
R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 5200742
Conc: 122.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



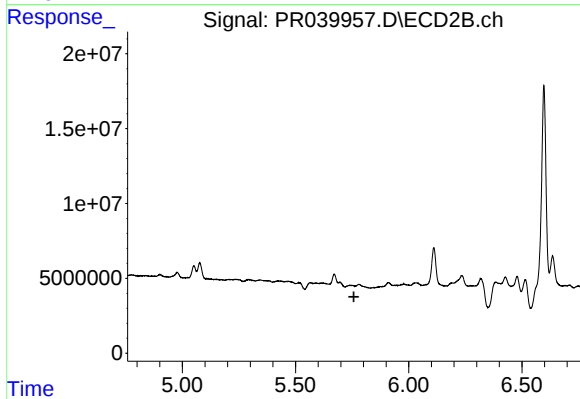
#15 AR-1232-5

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



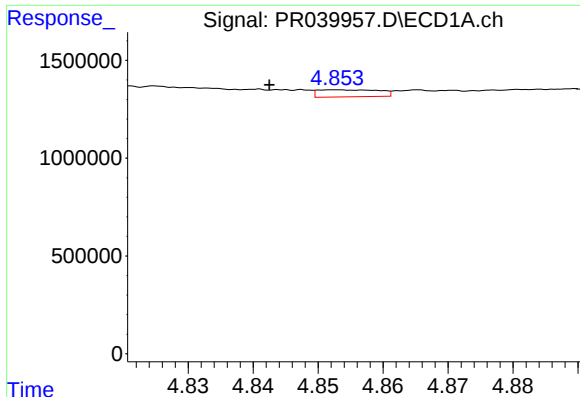
#16 AR-1242-1

R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 1997509
Conc: 21.88 ng/ml



#16 AR-1242-1

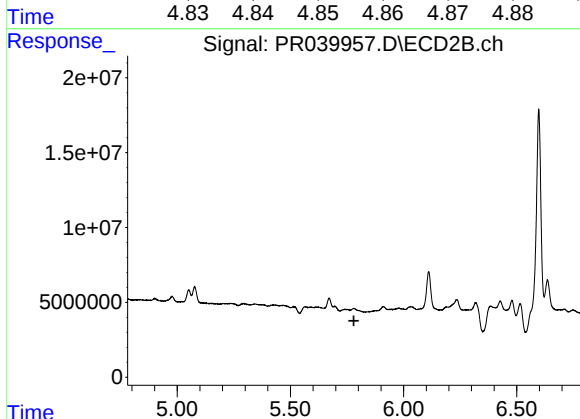
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#17 AR-1242-2

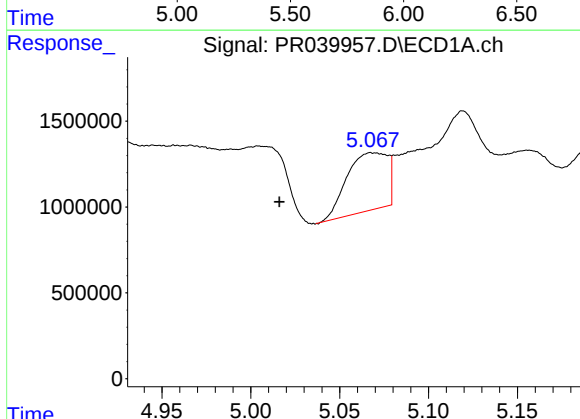
R.T.: 4.853 min
Delta R.T.: 0.010 min
Response: 235275
Conc: 1.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



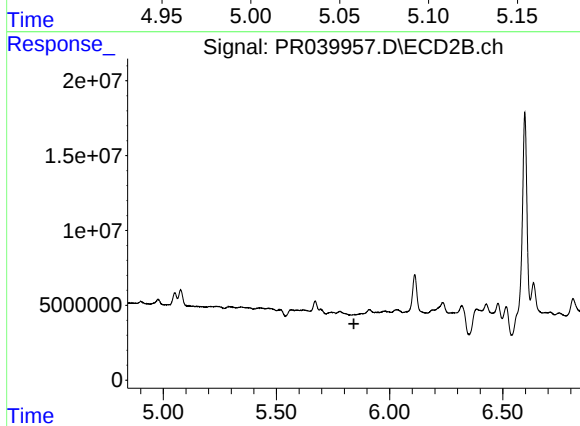
#17 AR-1242-2

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



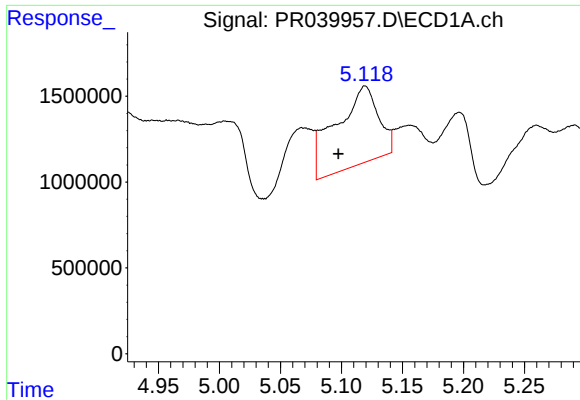
#18 AR-1242-3

R.T.: 5.067 min
Delta R.T.: 0.051 min
Response: 5345742
Conc: 75.64 ng/ml



#18 AR-1242-3

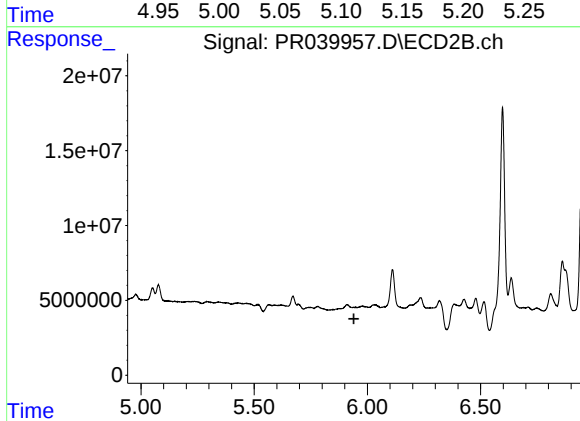
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

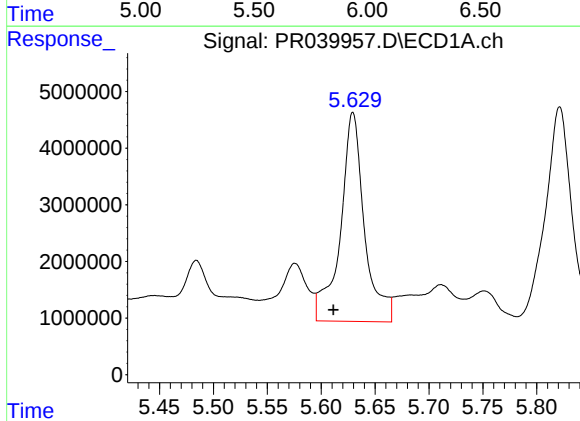
R.T.: 5.119 min
Delta R.T.: 0.022 min
Response: 11019123
Conc: 157.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



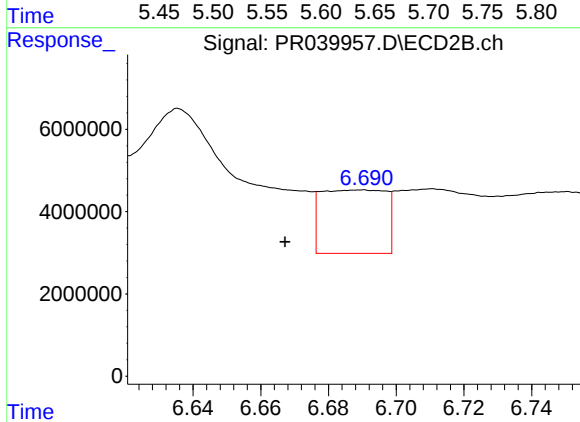
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.



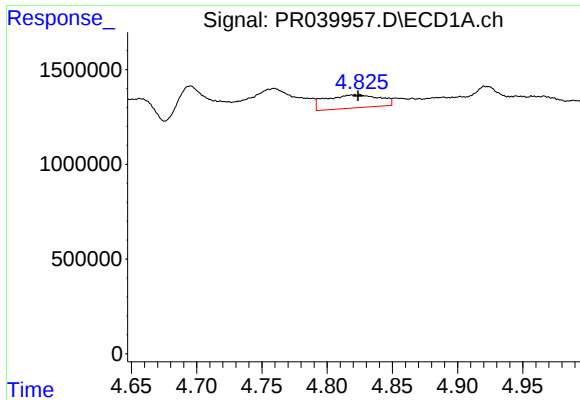
#20 AR-1242-5

R.T.: 5.629 min
Delta R.T.: 0.018 min
Response: 57431674
Conc: 578.19 ng/ml



#20 AR-1242-5

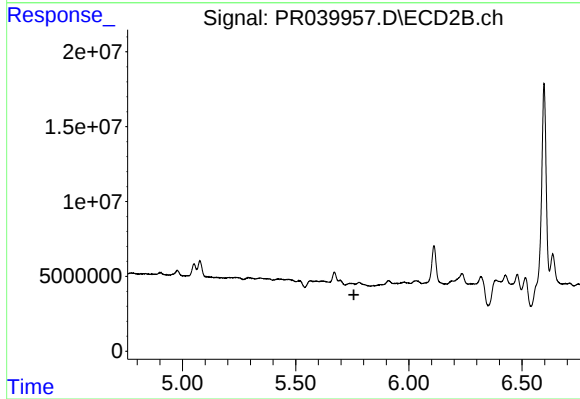
R.T.: 6.690 min
Delta R.T.: 0.022 min
Response: 20424361
Conc: 70.42 ng/ml



#21 AR-1248-1

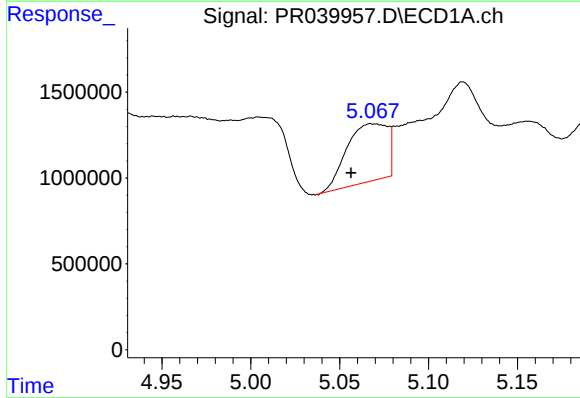
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 1997509
Conc: 27.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



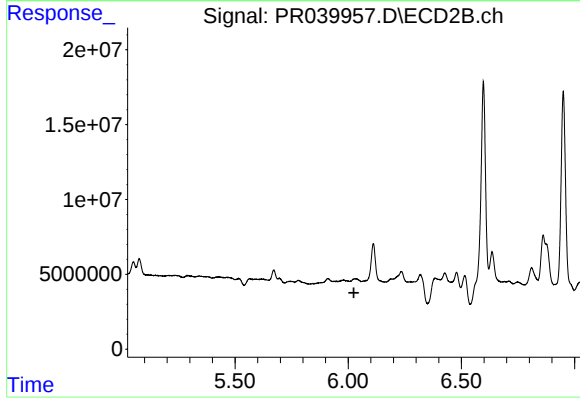
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



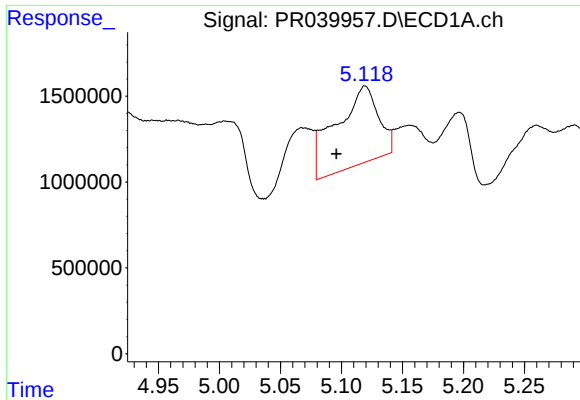
#22 AR-1248-2

R.T.: 5.067 min
Delta R.T.: 0.011 min
Response: 5345742
Conc: 68.33 ng/ml



#22 AR-1248-2

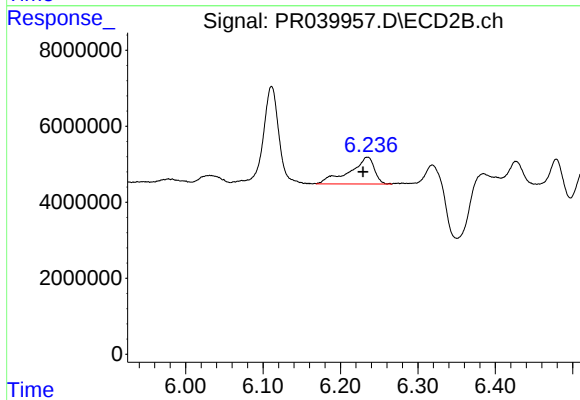
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#23 AR-1248-3

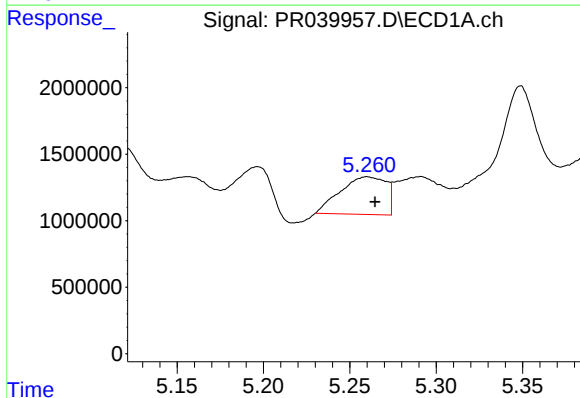
R.T.: 5.119 min
Delta R.T.: 0.023 min
Response: 11019123
Conc: 103.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



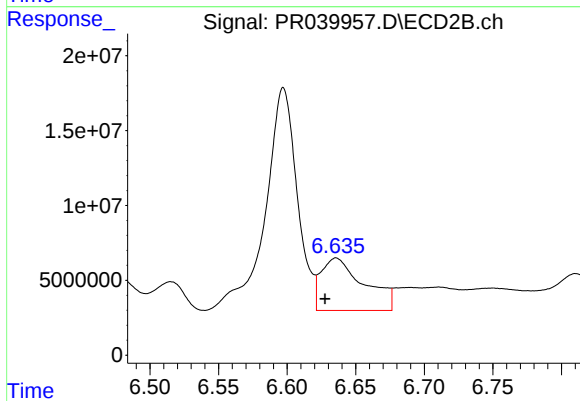
#23 AR-1248-3

R.T.: 6.235 min
Delta R.T.: 0.005 min
Response: 15776755
Conc: 36.20 ng/ml



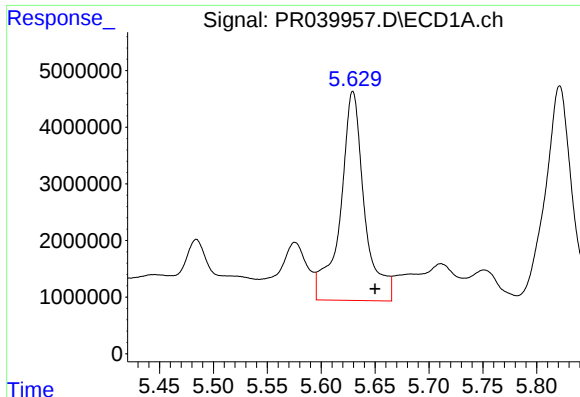
#24 AR-1248-4

R.T.: 5.260 min
Delta R.T.: -0.005 min
Response: 5200742
Conc: 39.28 ng/ml



#24 AR-1248-4

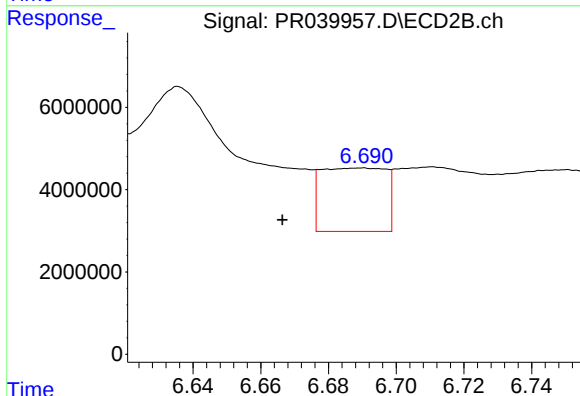
R.T.: 6.636 min
Delta R.T.: 0.008 min
Response: 76308849
Conc: 146.91 ng/ml



#25 AR-1248-5

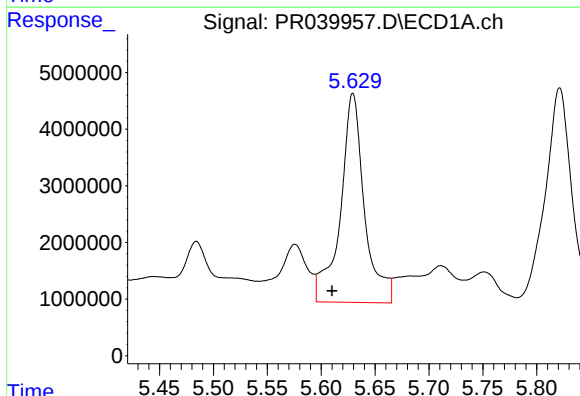
R.T.: 5.629 min
Delta R.T.: -0.021 min
Response: 57431674
Conc: 396.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



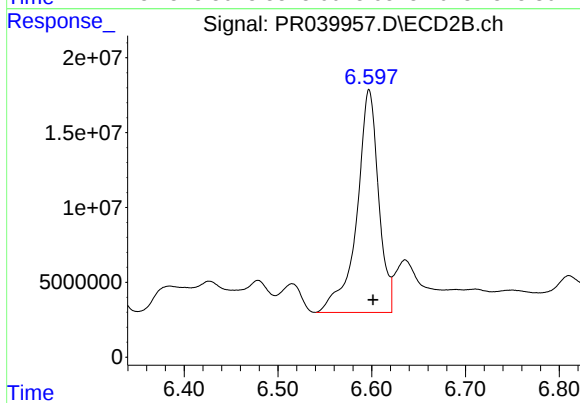
#25 AR-1248-5

R.T.: 6.690 min
Delta R.T.: 0.023 min
Response: 20424361
Conc: 41.44 ng/ml



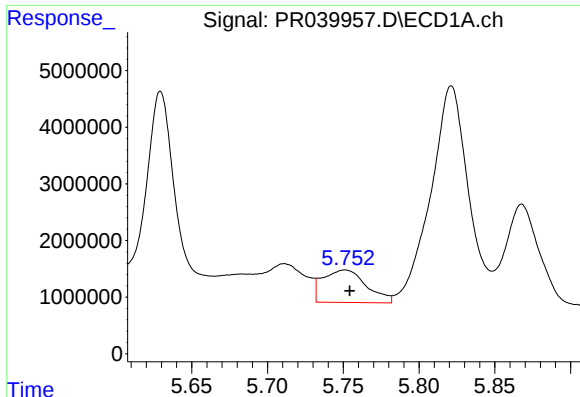
#26 AR-1254-1

R.T.: 5.629 min
Delta R.T.: 0.019 min
Response: 57431674
Conc: 372.38 ng/ml



#26 AR-1254-1

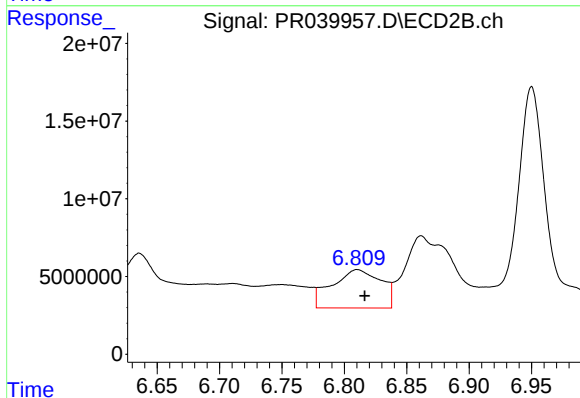
R.T.: 6.597 min
Delta R.T.: -0.004 min
Response: 240507471
Conc: 660.29 ng/ml



#27 AR-1254-2

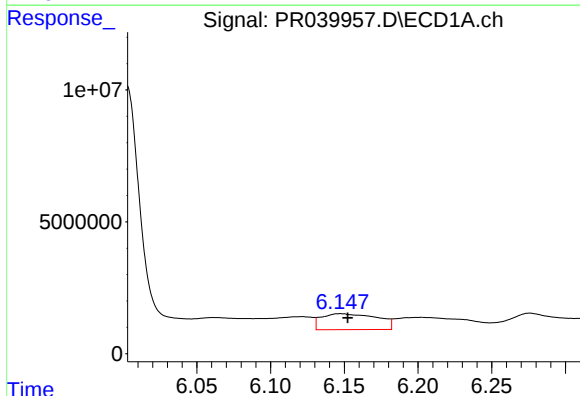
R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 11472759
Conc: 87.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



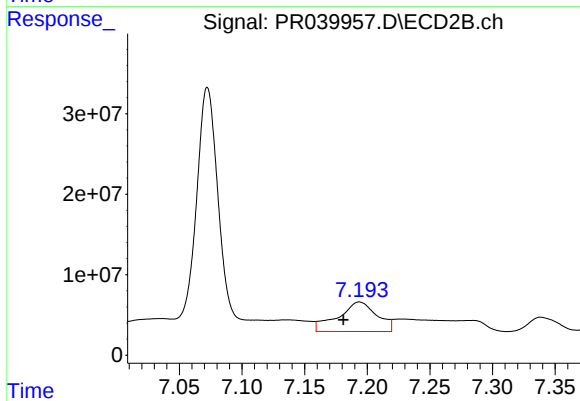
#27 AR-1254-2

R.T.: 6.810 min
Delta R.T.: -0.006 min
Response: 67371158
Conc: 117.95 ng/ml



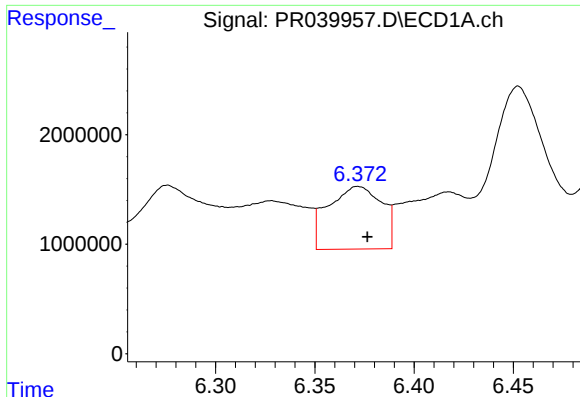
#28 AR-1254-3

R.T.: 6.147 min
Delta R.T.: -0.005 min
Response: 15922975
Conc: 71.27 ng/ml



#28 AR-1254-3

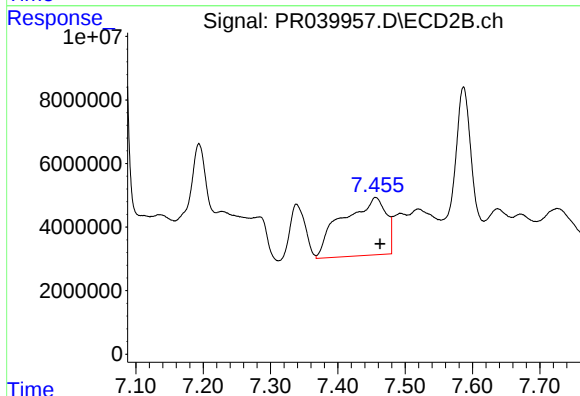
R.T.: 7.194 min
Delta R.T.: 0.013 min
Response: 79440847
Conc: 127.41 ng/ml



#29 AR-1254-4

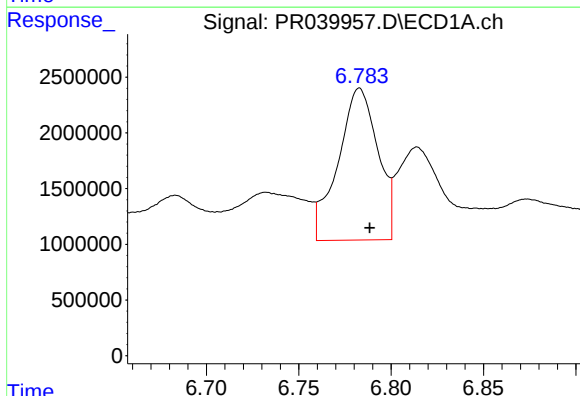
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 10692027
Conc: 73.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



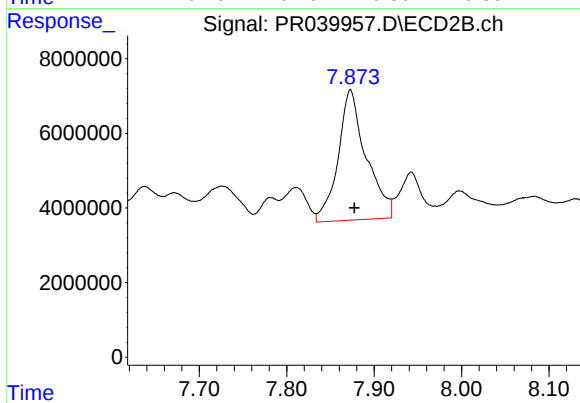
#29 AR-1254-4

R.T.: 7.456 min
Delta R.T.: -0.007 min
Response: 81454344
Conc: 179.85 ng/ml



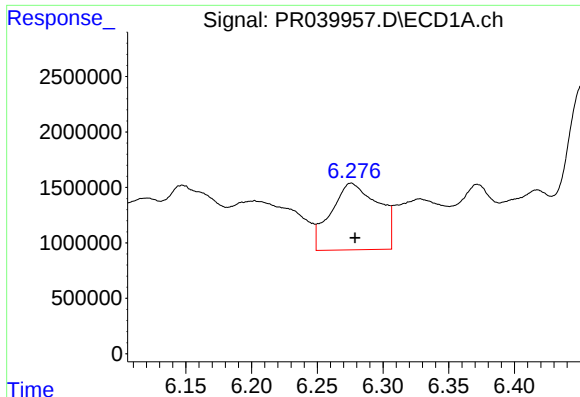
#30 AR-1254-5

R.T.: 6.783 min
Delta R.T.: -0.006 min
Response: 20431461
Conc: 107.30 ng/ml



#30 AR-1254-5

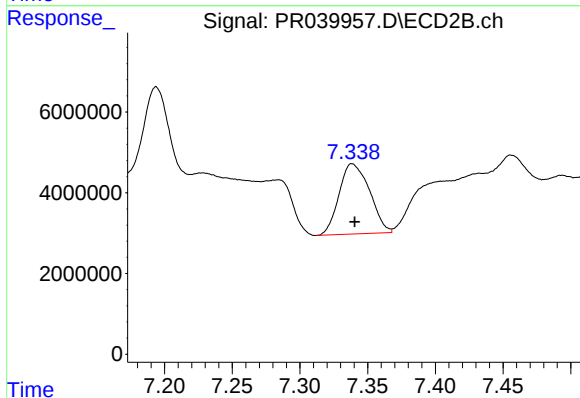
R.T.: 7.873 min
Delta R.T.: -0.005 min
Response: 77782520
Conc: 163.82 ng/ml



#31 AR-1260-1

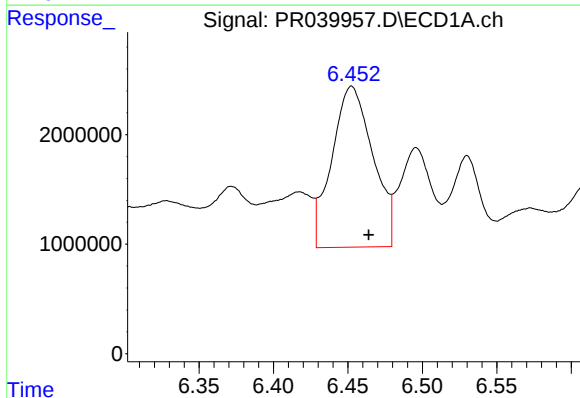
R.T.: 6.276 min
Delta R.T.: -0.003 min
Response: 15053801
Conc: 103.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



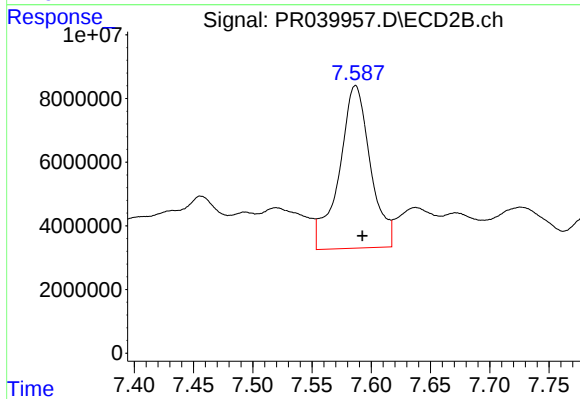
#31 AR-1260-1

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 27278461
Conc: 61.48 ng/ml



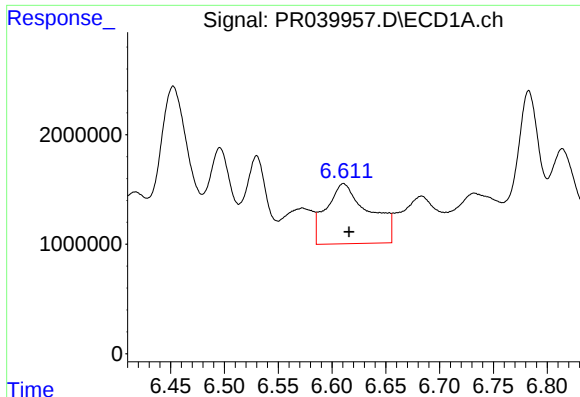
#32 AR-1260-2

R.T.: 6.452 min
Delta R.T.: -0.011 min
Response: 28236072
Conc: 153.36 ng/ml



#32 AR-1260-2

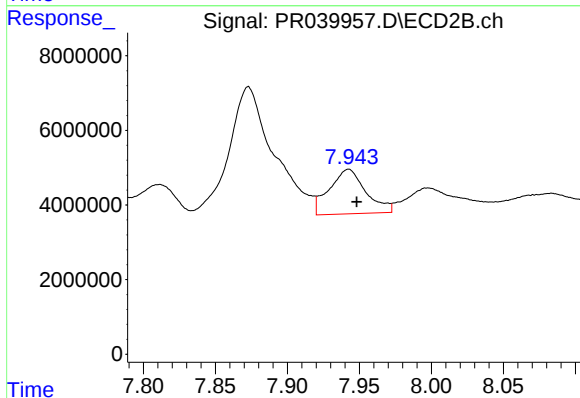
R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 93730534
Conc: 170.99 ng/ml



#33 AR-1260-3

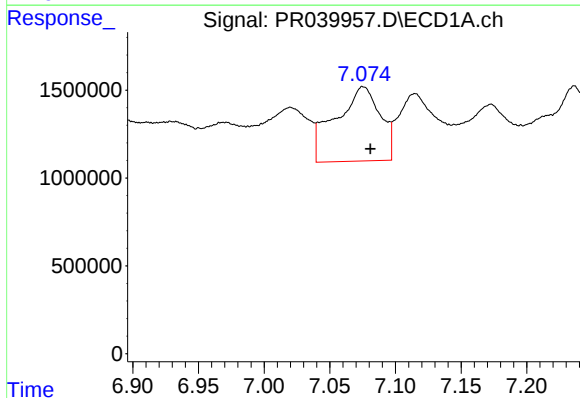
R.T.: 6.611 min
Delta R.T.: -0.005 min
Response: 15224001
Conc: 91.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



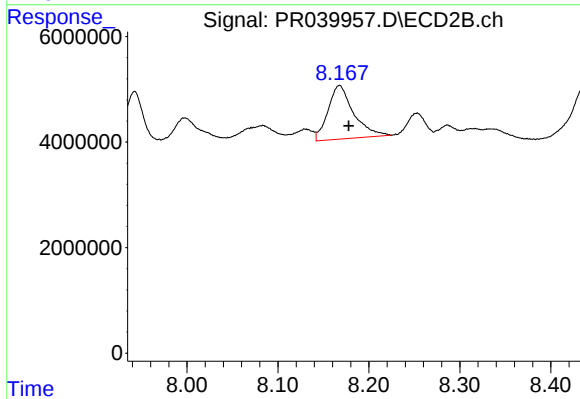
#33 AR-1260-3

R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 21071520
Conc: 50.26 ng/ml



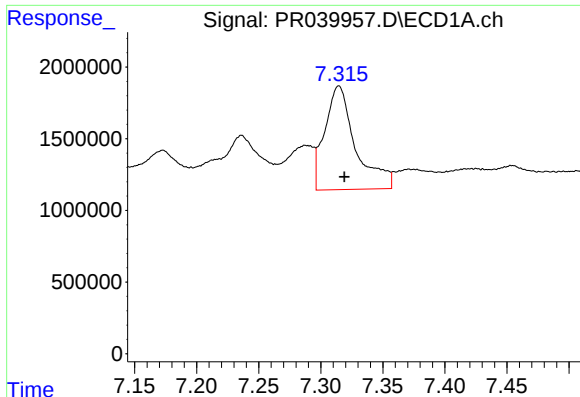
#34 AR-1260-4

R.T.: 7.075 min
Delta R.T.: -0.005 min
Response: 10039633
Conc: 72.22 ng/ml



#34 AR-1260-4

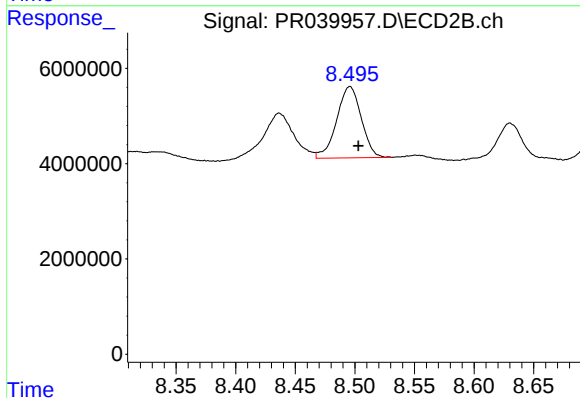
R.T.: 8.168 min
Delta R.T.: -0.010 min
Response: 19818070
Conc: 41.07 ng/ml



#35 AR-1260-5

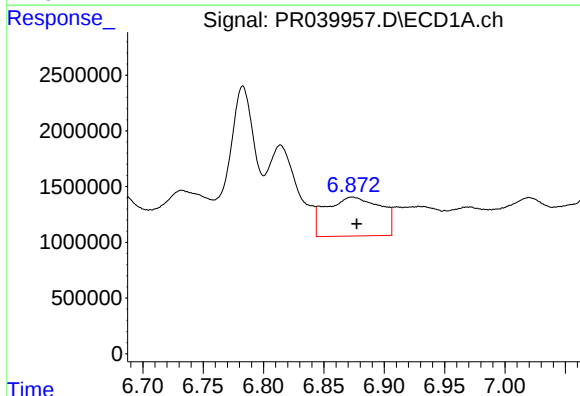
R.T.: 7.315 min
Delta R.T.: -0.005 min
Response: 12499487
Conc: 36.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



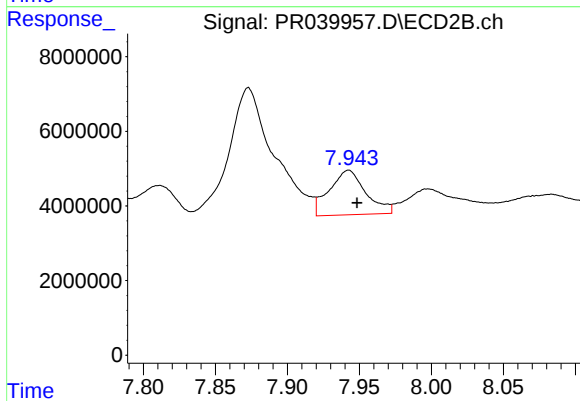
#35 AR-1260-5

R.T.: 8.496 min
Delta R.T.: -0.007 min
Response: 21477248
Conc: 20.94 ng/ml



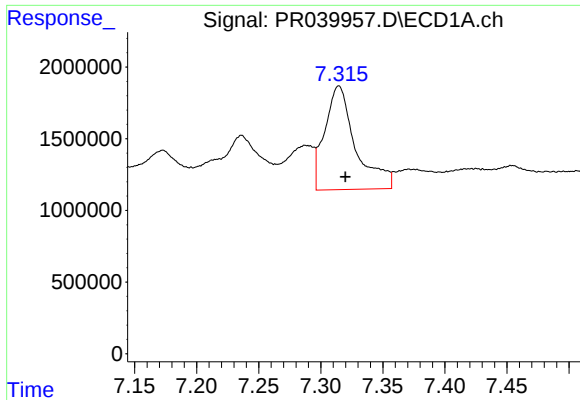
#36 AR-1262-1

R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 11015717
Conc: 75.02 ng/ml



#36 AR-1262-1

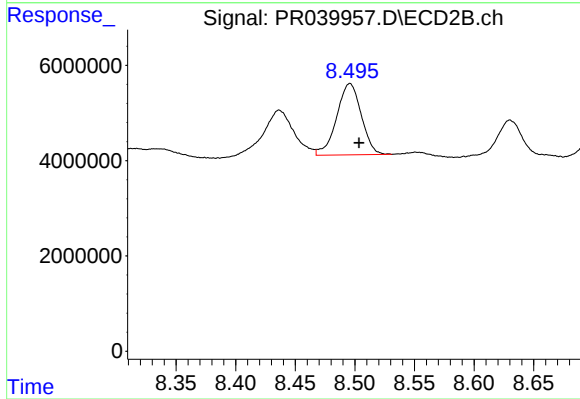
R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 21071520
Conc: 20.30 ng/ml



#37 AR-1262-2

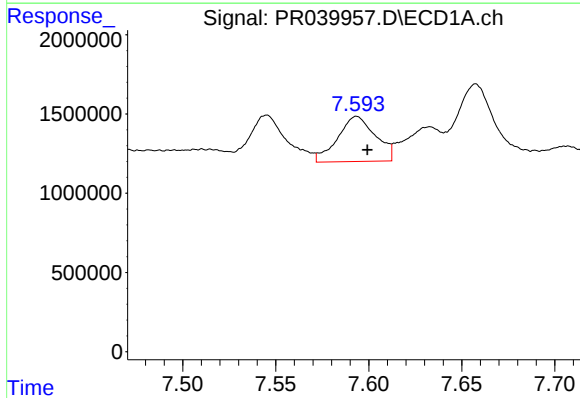
R.T.: 7.315 min
Delta R.T.: -0.005 min
Response: 12499487
Conc: 18.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



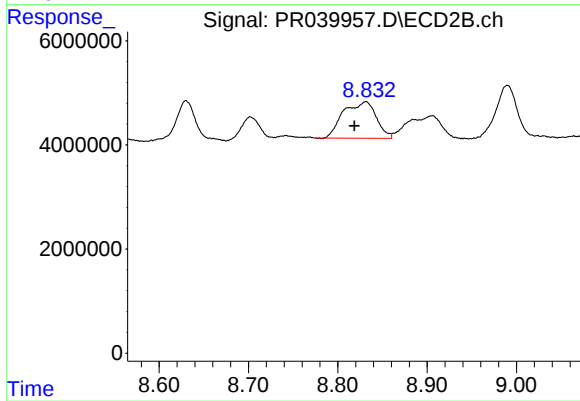
#37 AR-1262-2

R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 21477248
Conc: 10.66 ng/ml



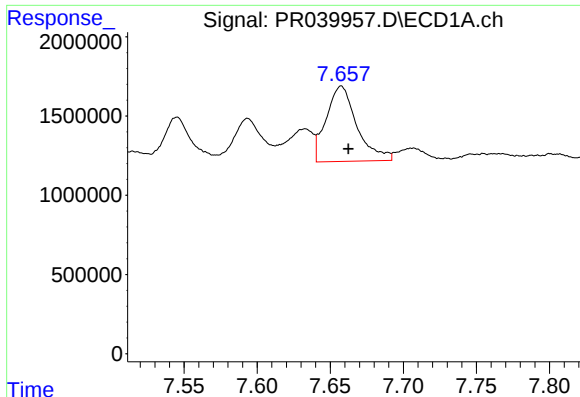
#38 AR-1262-3

R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 4033141
Conc: 16.98 ng/ml



#38 AR-1262-3

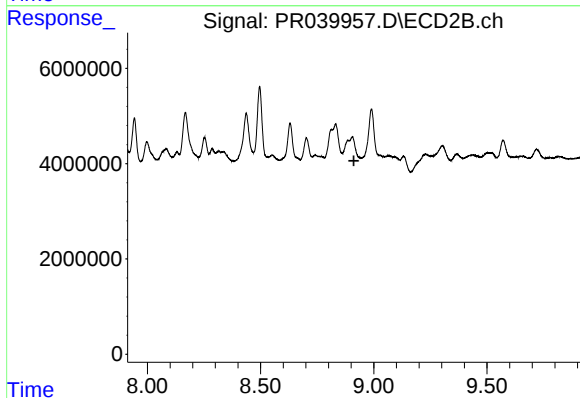
R.T.: 8.831 min
Delta R.T.: 0.013 min
Response: 17955640
Conc: 14.31 ng/ml



#39 AR-1262-4

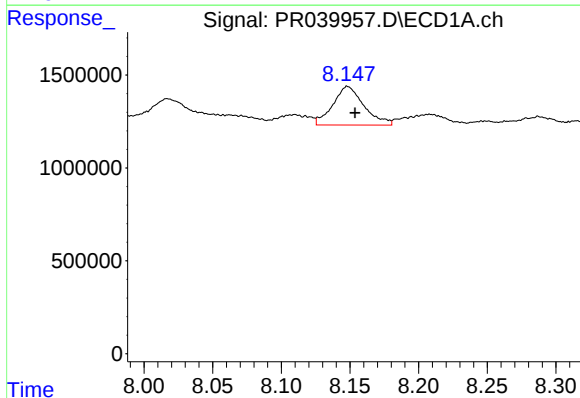
R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 6966693
Conc: 15.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



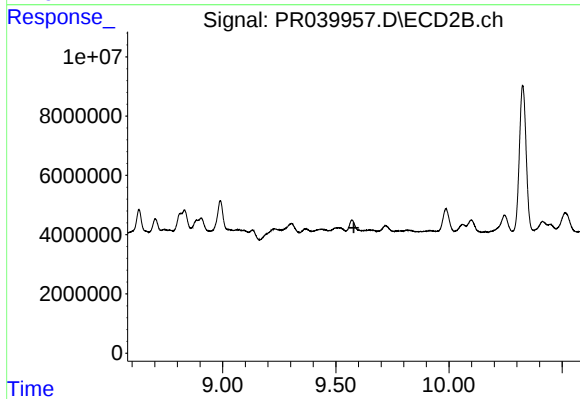
#39 AR-1262-4

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



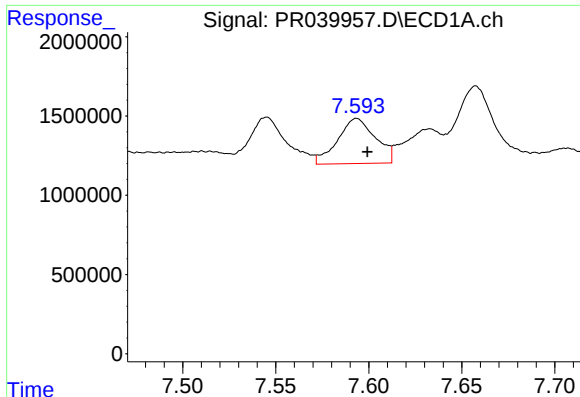
#40 AR-1262-5

R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 3273217
Conc: 16.83 ng/ml



#40 AR-1262-5

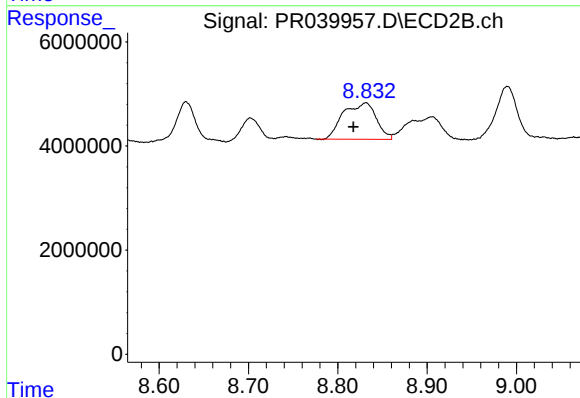
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#41 AR-1268-1

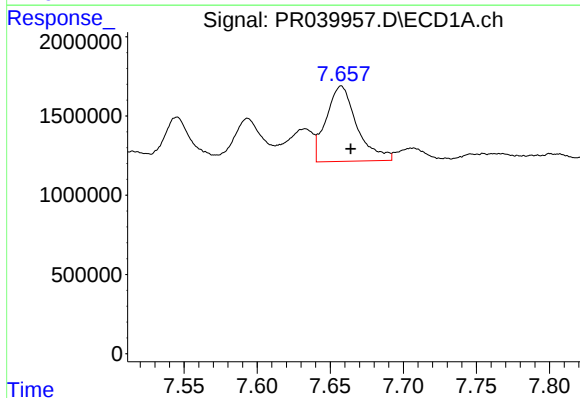
R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 4033141
Conc: 5.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



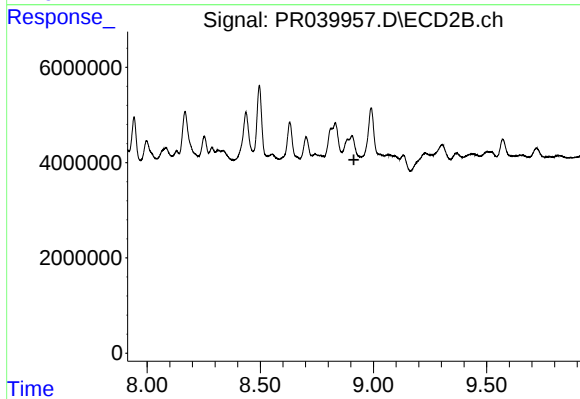
#41 AR-1268-1

R.T.: 8.831 min
Delta R.T.: 0.014 min
Response: 17955640
Conc: 7.57 ng/ml



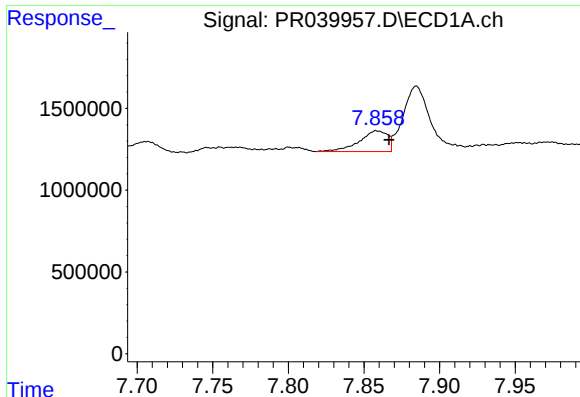
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 6966693
Conc: 9.92 ng/ml



#42 AR-1268-2

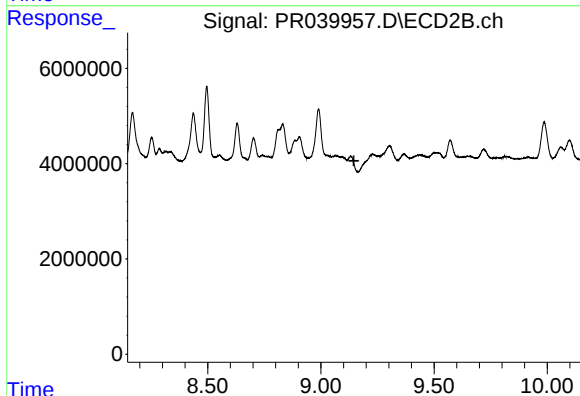
R.T.: 0.000 min
Exp R.T.: 8.913 min
Response: 0
Conc: N.D.



#43 AR-1268-3

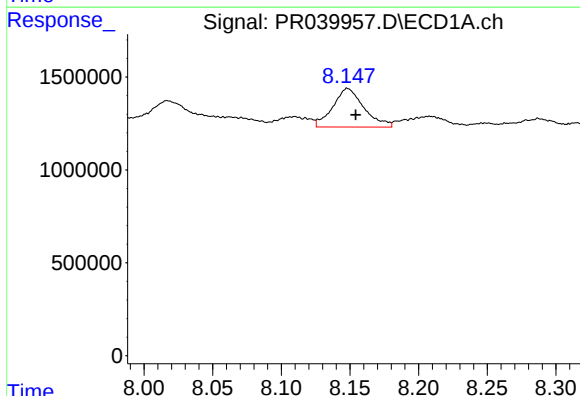
R.T.: 7.859 min
Delta R.T.: -0.008 min
Response: 1662125
Conc: 2.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



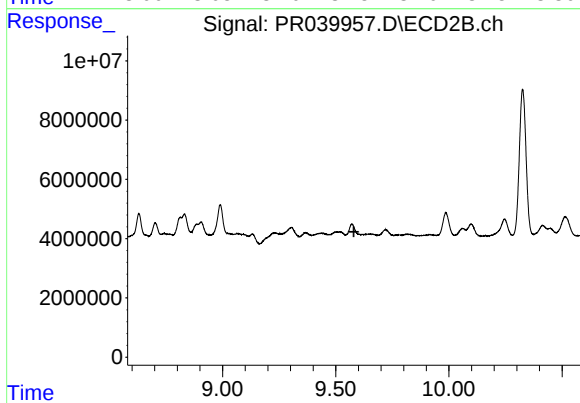
#43 AR-1268-3

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



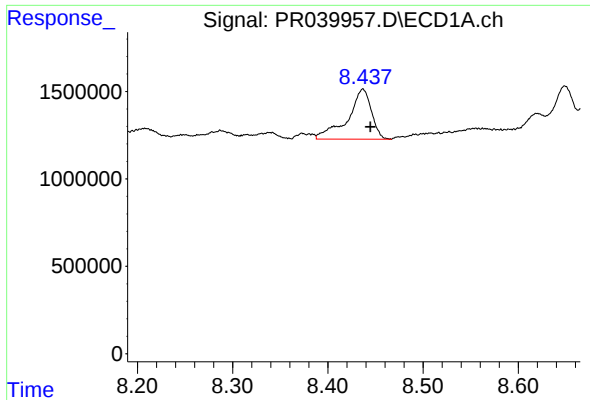
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 3273217
Conc: 14.21 ng/ml



#44 AR-1268-4

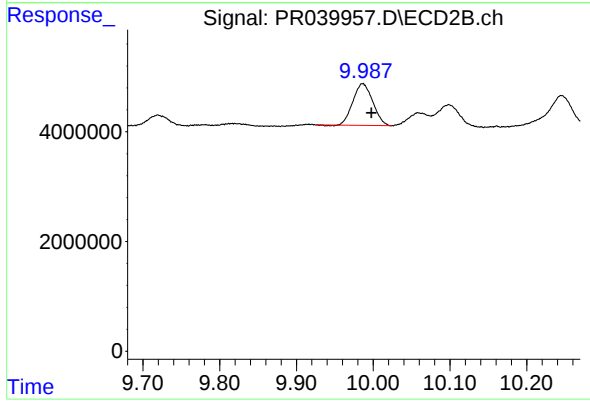
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: -0.008 min
Response: 4971634
Conc: 2.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-BRE



#45 AR-1268-5

R.T.: 9.986 min
Delta R.T.: -0.012 min
Response: 13623342
Conc: 2.33 ng/ml