

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR073019\
 Data File : PR039865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 00:08
 Operator : SM\AJ
 Sample : K4063-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S3-01-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 08:10:06 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...	3.753	4.598	34216993	140.3E6	14.257	13.992
2)	SA Decachlor...	8.687	10.327	19895628	82738824	8.008	8.813
Target Compounds							
3)	L1 AR-1016-1	4.826	0.000	896418	0	10.196	N.D. #
4)	L1 AR-1016-2	4.842	0.000	219496	0	1.515	N.D. #
5)	L1 AR-1016-3	5.008	0.000	395151	0	5.689	N.D. #
6)	L1 AR-1016-4	5.054	0.000	1162160	0	20.645	N.D. #
7)	L1 AR-1016-5	5.296	6.238	608773	15323197	8.117	60.991 #
8)	L2 AR-1221-1	4.022	0.000	478347	0	14.697	N.D. #
9)	L2 AR-1221-2	4.051	0.000	1109737	0	45.610	N.D. #
10)	L2 AR-1221-3	4.121	0.000	1399148	0	17.865	N.D. #
11)	L3 AR-1232-1	4.121	0.000	1399148	0	17.903	N.D. #
12)	L3 AR-1232-2	4.842	0.000	219496	0	2.335	N.D. #
13)	L3 AR-1232-3	5.008	0.000	395151	0	9.348	N.D. #
14)	L3 AR-1232-4	5.120	0.000	3003170	0	75.454	N.D. #
15)	L3 AR-1232-5	5.296	0.000	608773	0	14.385	N.D. #
16)	L4 AR-1242-1	4.826	0.000	896418	0	9.819	N.D. #
17)	L4 AR-1242-2	4.842	0.000	219496	0	1.531	N.D. #
18)	L4 AR-1242-3	5.008	0.000	395151	0	5.591	N.D. #
19)	L4 AR-1242-4	5.120	0.000	3003170	0	42.934	N.D. #
20)	L4 AR-1242-5	5.615	6.638	8688465	26713897	87.471	92.101
21)	L5 AR-1248-1	4.826	0.000	896418	0	12.388	N.D. #
22)	L5 AR-1248-2	5.054	0.000	1162160	0	14.855	N.D. #
23)	L5 AR-1248-3	5.120	6.238	3003170	15323197	28.124	35.156 #
24)	L5 AR-1248-4	5.296	6.638	608773	26713897	4.598	51.430 #
25)	L5 AR-1248-5	5.615	6.638	8688465	26713897	59.946	54.195
26)	L6 AR-1254-1	5.615	6.587	8688465	30302171	56.334	83.191 #
27)	L6 AR-1254-2	5.751	6.813	4161128	14968450	31.781	26.206
28)	L6 AR-1254-3	6.146	7.192	7835803	11114629	35.071	17.826 #
29)	L6 AR-1254-4	6.372	7.457	4844723	12181935	33.316	26.898
30)	L6 AR-1254-5	6.782	7.874	22970989	40098272	120.636	84.453 #
31)	L7 AR-1260-1	6.275	7.335	6247841	12320992	42.872	27.767 #
32)	L7 AR-1260-2	6.460	7.588	10388432	71948542	56.424	131.254 #
33)	L7 AR-1260-3	6.611	7.942	8571426	10632999	51.739	25.363 #
34)	L7 AR-1260-4	7.075	8.168	6040966	17338542	43.458	35.935
35)	L7 AR-1260-5	7.314	8.497	9428710	19849641	27.330	19.353 #
36)	L8 AR-1262-1	6.873	7.942	6390993	10632999	43.527	10.242 #
37)	L8 AR-1262-2	7.314	8.497	9428710	19849641	13.950	9.854 #
38)	L8 AR-1262-3	7.593	8.830	3731233	15137333	15.707	12.063
39)	L8 AR-1262-4	7.656	0.000	6616037	0	14.287	N.D. #
40)	L8 AR-1262-5	8.148	0.000	3302960	0	16.986	N.D. #
41)	L9 AR-1268-1	7.593	8.830	3731233	15137333	4.867	6.379 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR073019\
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 Acq On : 31 Jul 2019 00:08
 Operator : SM\AJ
 Sample : K4063-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

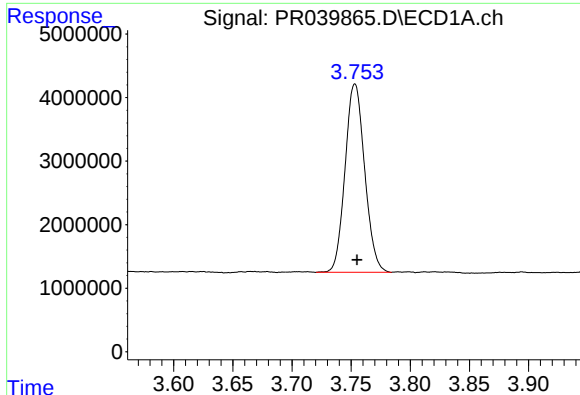
Instrument :
 ECD_R
 ClientSampleId :
 S3-01-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 08:10:06 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	
42)	L9 AR-1268-2	7.656	0.000	6616037	0	9.423	N.D.	#
43)	L9 AR-1268-3	7.860	0.000	2234060	0	4.020	N.D.	#
44)	L9 AR-1268-4	8.148	0.000	3302960	0	14.336	N.D.	#
45)	L9 AR-1268-5	8.436	9.988	4051726	10963535	2.378	1.874	

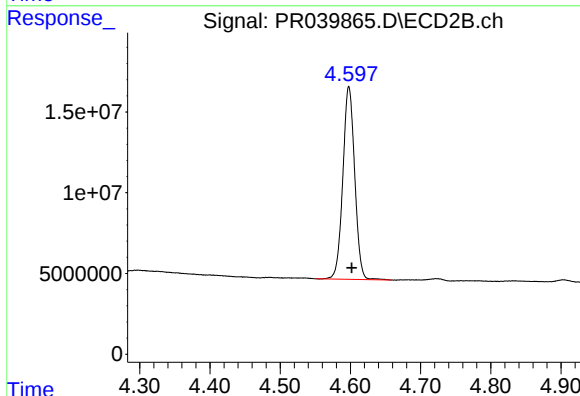
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

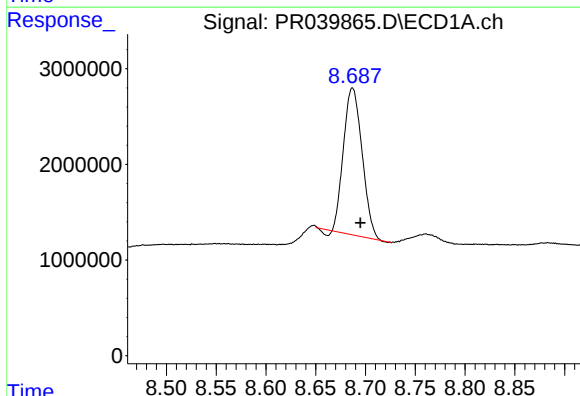
R.T.: 3.753 min
Delta R.T.: -0.002 min
Response: 34216993
Conc: 14.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



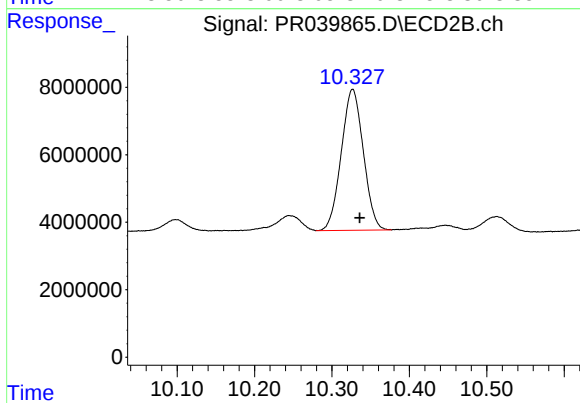
#1 Tetrachloro-m-xylene

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 140264480
Conc: 13.99 ng/ml



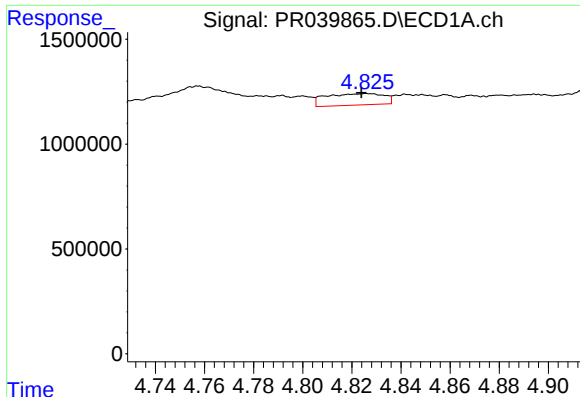
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: -0.008 min
Response: 19895628
Conc: 8.01 ng/ml



#2 Decachlorobiphenyl

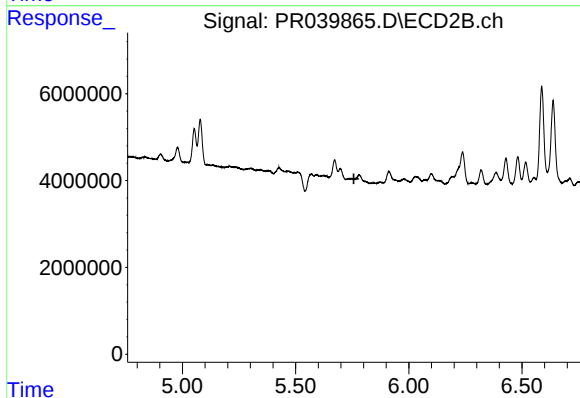
R.T.: 10.327 min
Delta R.T.: -0.009 min
Response: 82738824
Conc: 8.81 ng/ml



#3 AR-1016-1

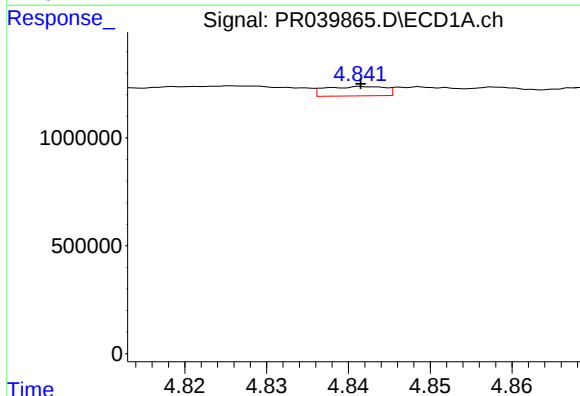
R.T.: 4.826 min
Delta R.T.: 0.002 min
Response: 896418
Conc: 10.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



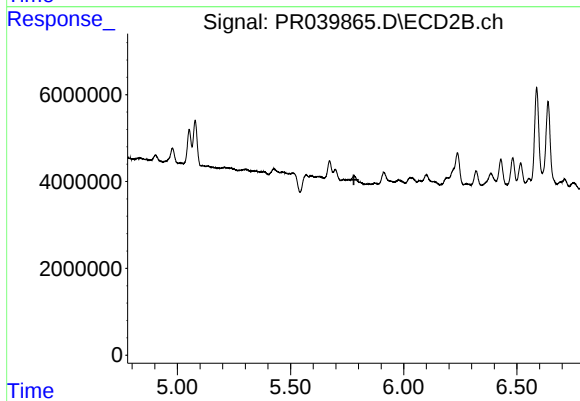
#3 AR-1016-1

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



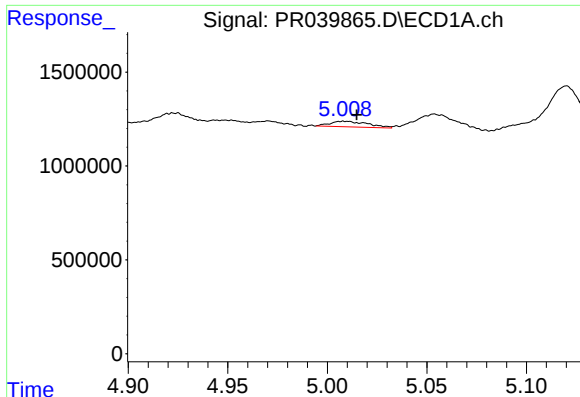
#4 AR-1016-2

R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 219496
Conc: 1.52 ng/ml



#4 AR-1016-2

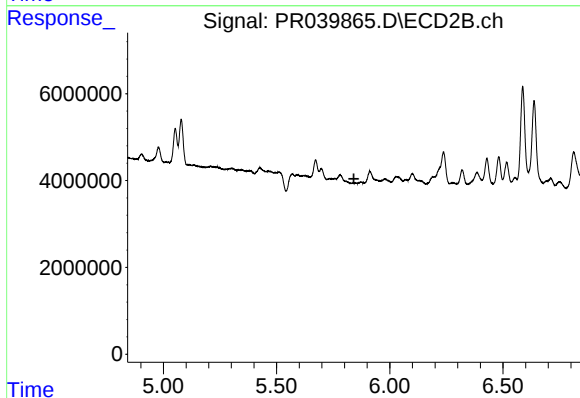
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#5 AR-1016-3

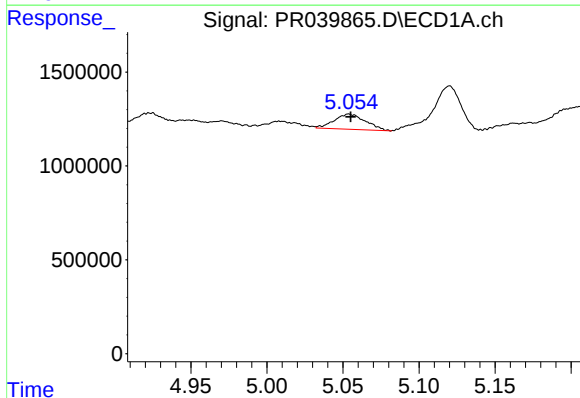
R.T.: 5.008 min
Delta R.T.: -0.007 min
Response: 395151
Conc: 5.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



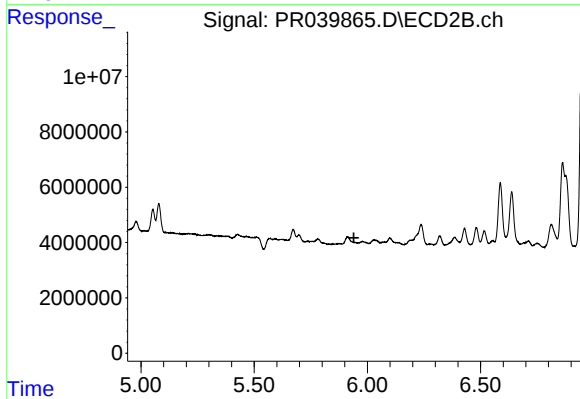
#5 AR-1016-3

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



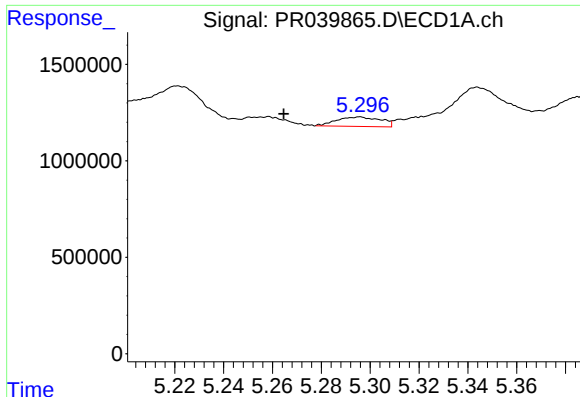
#6 AR-1016-4

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 1162160
Conc: 20.65 ng/ml



#6 AR-1016-4

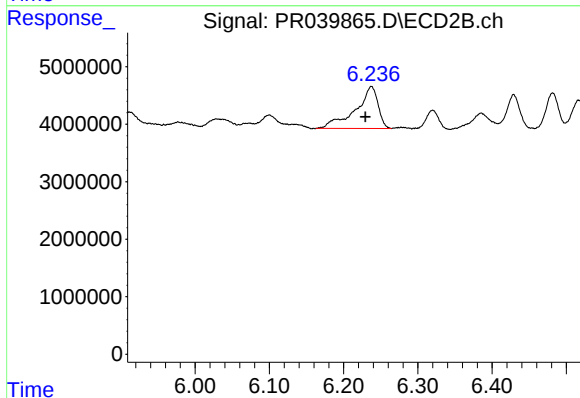
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#7 AR-1016-5

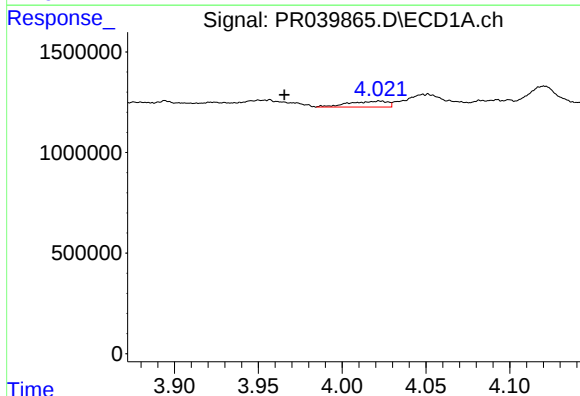
R.T.: 5.296 min
Delta R.T.: 0.031 min
Response: 608773
Conc: 8.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



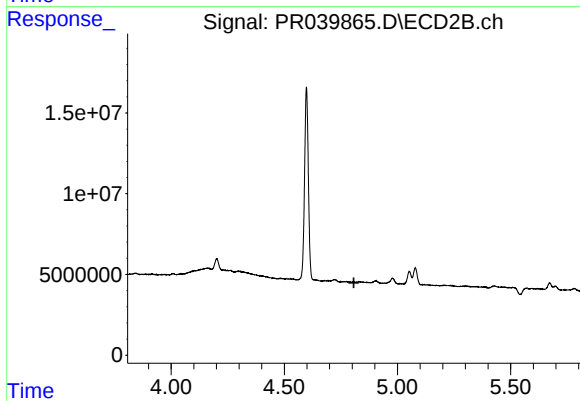
#7 AR-1016-5

R.T.: 6.238 min
Delta R.T.: 0.008 min
Response: 15323197
Conc: 60.99 ng/ml



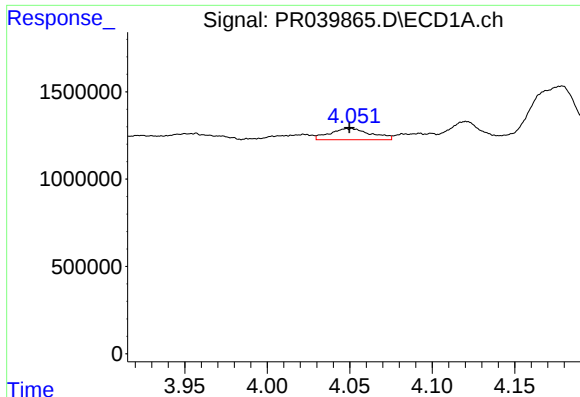
#8 AR-1221-1

R.T.: 4.022 min
Delta R.T.: 0.057 min
Response: 478347
Conc: 14.70 ng/ml



#8 AR-1221-1

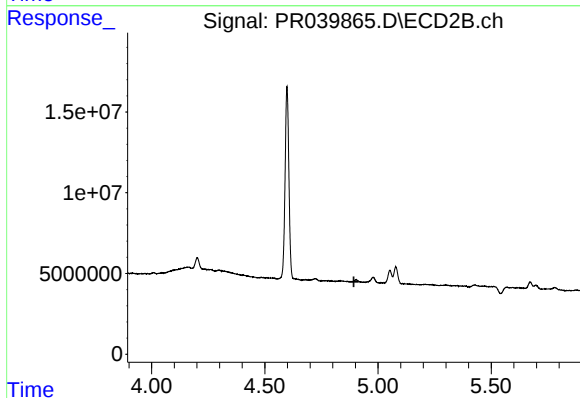
R.T.: 0.000 min
Exp R.T.: 4.808 min
Response: 0
Conc: N.D.



#9 AR-1221-2

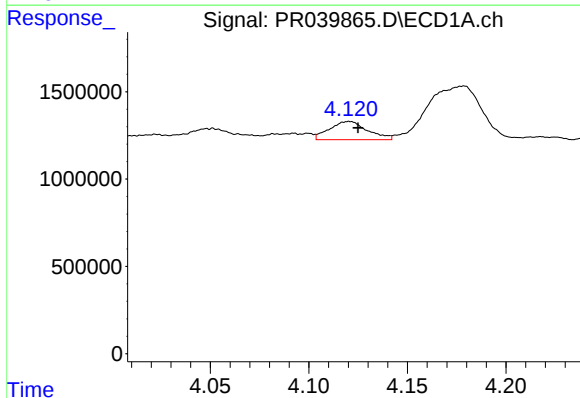
R.T.: 4.051 min
Delta R.T.: 0.002 min
Response: 1109737
Conc: 45.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



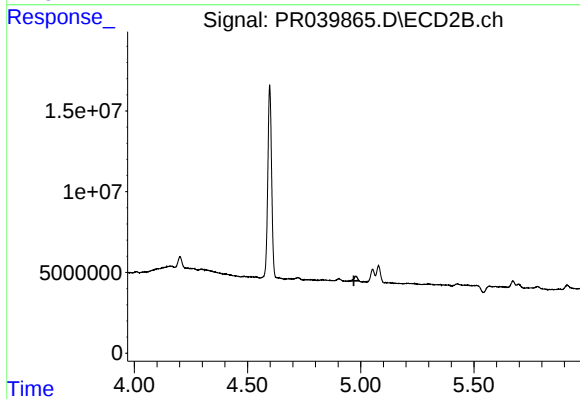
#9 AR-1221-2

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



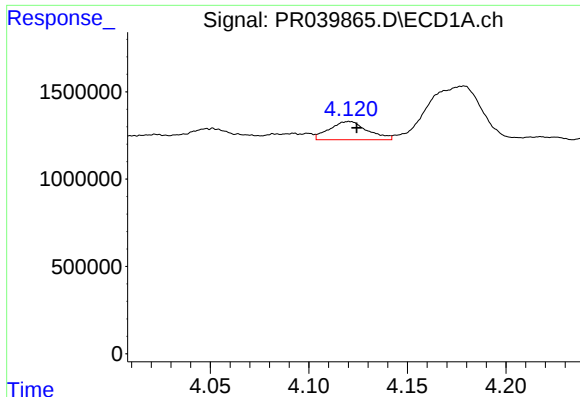
#10 AR-1221-3

R.T.: 4.121 min
Delta R.T.: -0.005 min
Response: 1399148
Conc: 17.86 ng/ml



#10 AR-1221-3

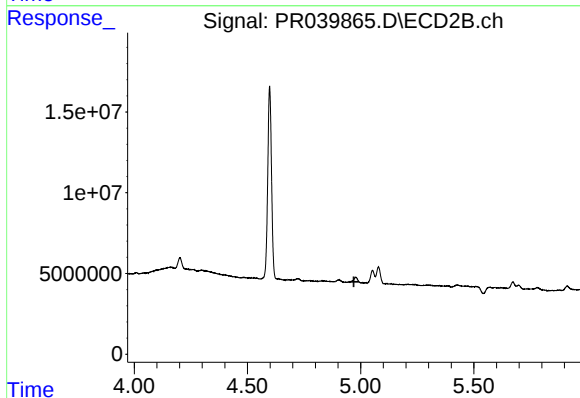
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#11 AR-1232-1

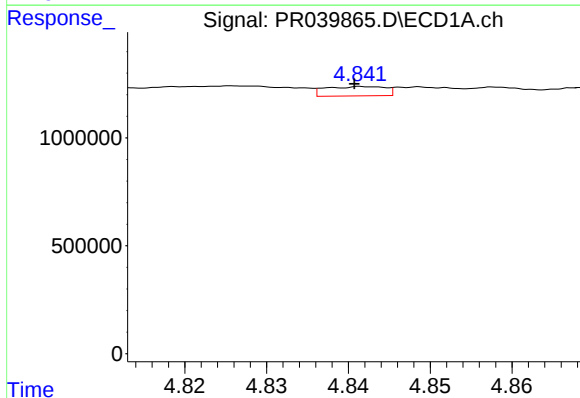
R.T.: 4.121 min
Delta R.T.: -0.004 min
Response: 1399148
Conc: 17.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



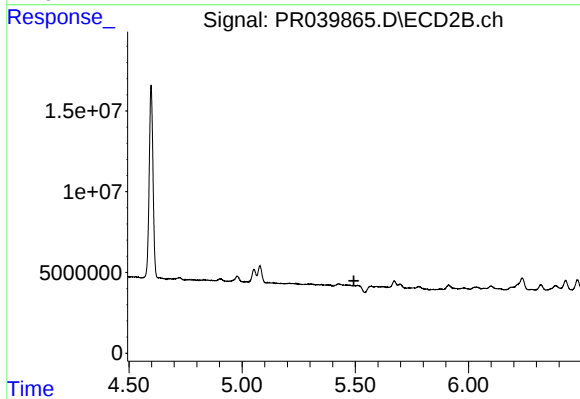
#11 AR-1232-1

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



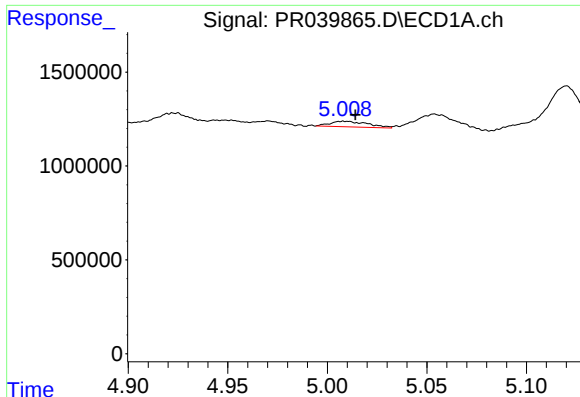
#12 AR-1232-2

R.T.: 4.842 min
Delta R.T.: 0.001 min
Response: 219496
Conc: 2.34 ng/ml



#12 AR-1232-2

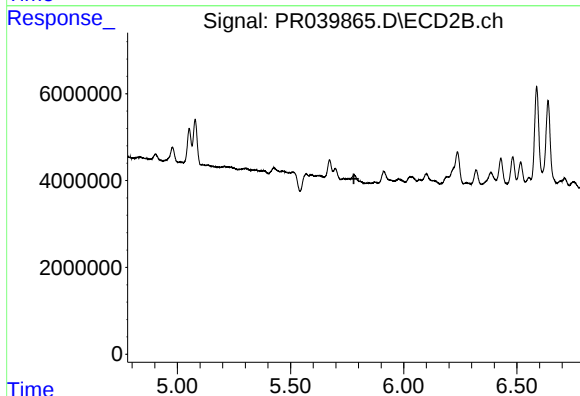
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#13 AR-1232-3

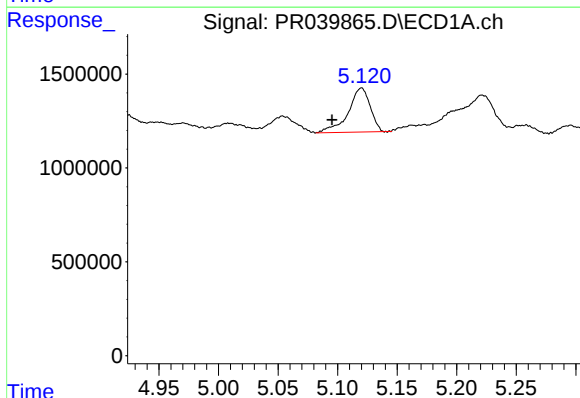
R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 395151
Conc: 9.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



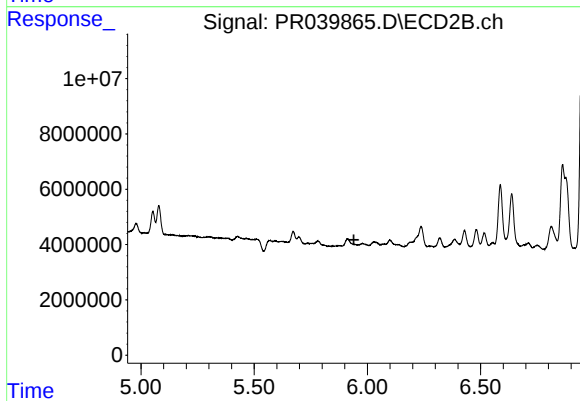
#13 AR-1232-3

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



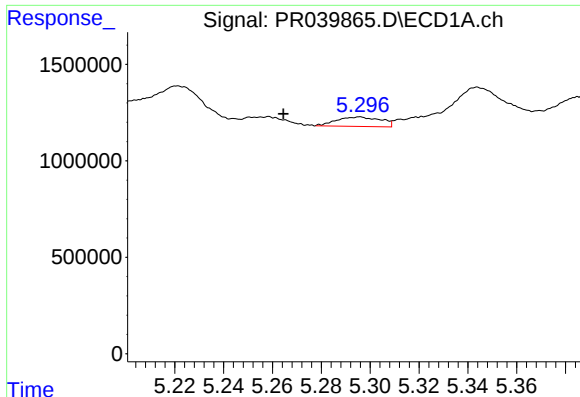
#14 AR-1232-4

R.T.: 5.120 min
Delta R.T.: 0.025 min
Response: 3003170
Conc: 75.45 ng/ml



#14 AR-1232-4

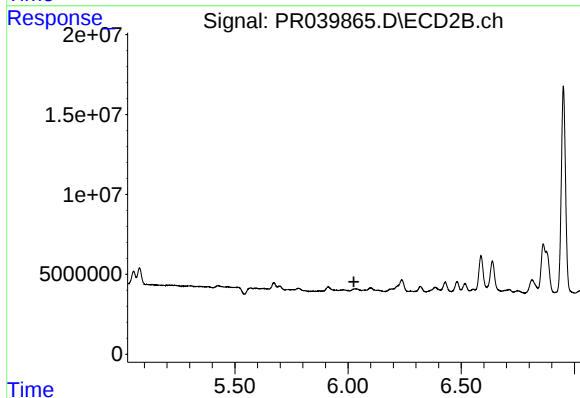
R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



#15 AR-1232-5

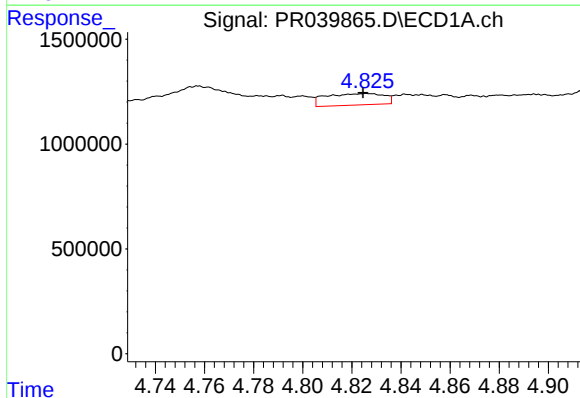
R.T.: 5.296 min
Delta R.T.: 0.032 min
Response: 608773
Conc: 14.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



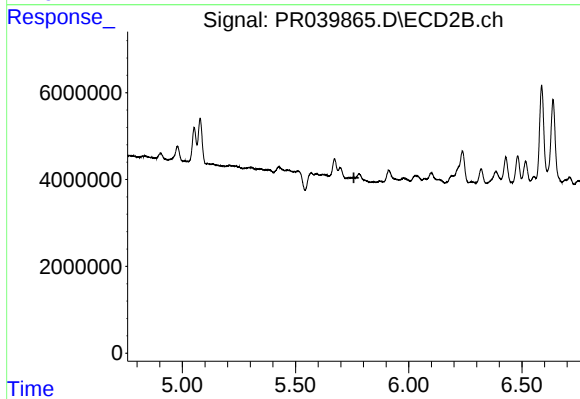
#15 AR-1232-5

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



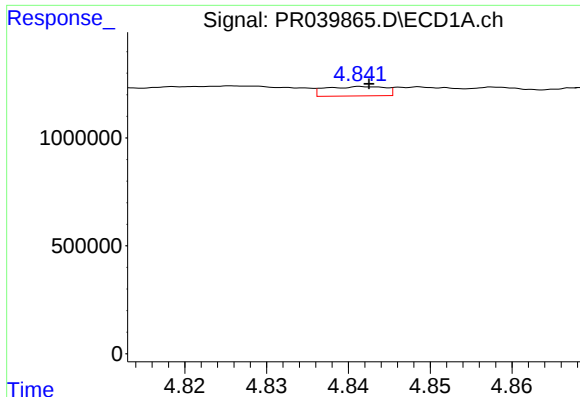
#16 AR-1242-1

R.T.: 4.826 min
Delta R.T.: 0.001 min
Response: 896418
Conc: 9.82 ng/ml



#16 AR-1242-1

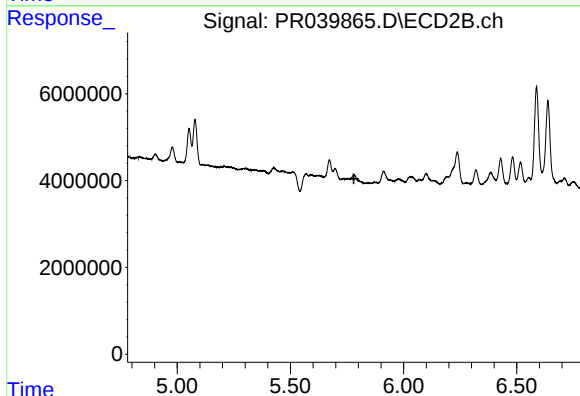
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#17 AR-1242-2

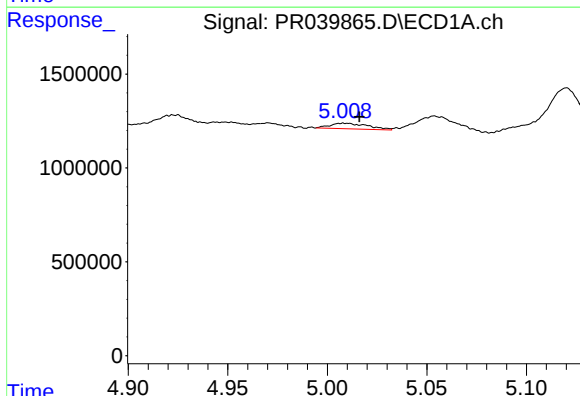
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 219496
Conc: 1.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



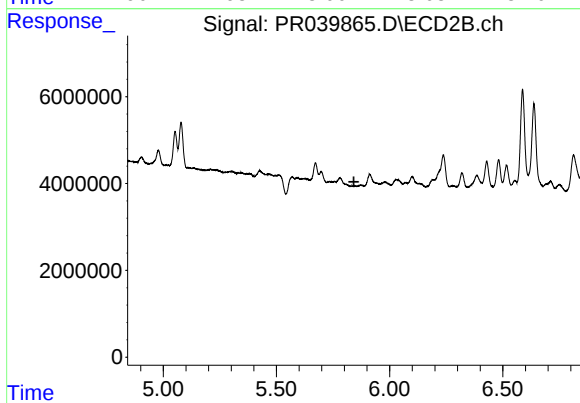
#17 AR-1242-2

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



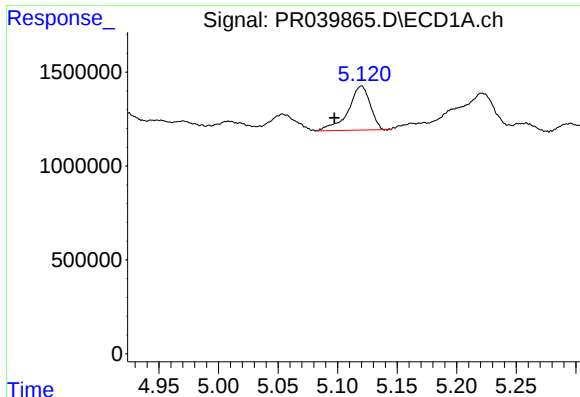
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: -0.008 min
Response: 395151
Conc: 5.59 ng/ml



#18 AR-1242-3

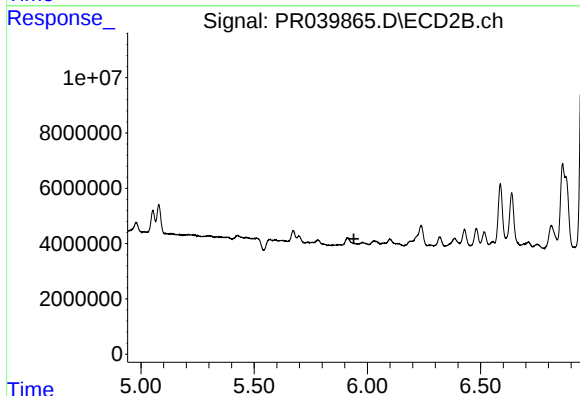
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

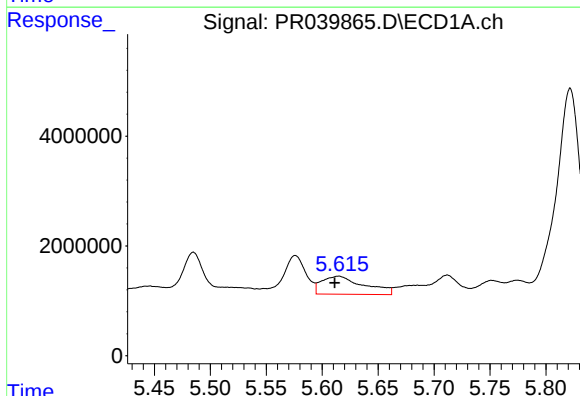
R.T.: 5.120 min
Delta R.T.: 0.023 min
Response: 3003170
Conc: 42.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



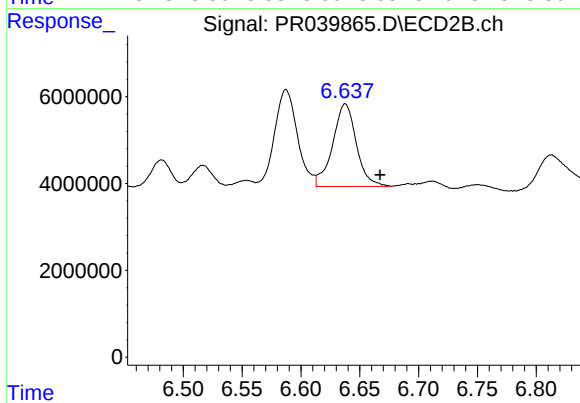
#19 AR-1242-4

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



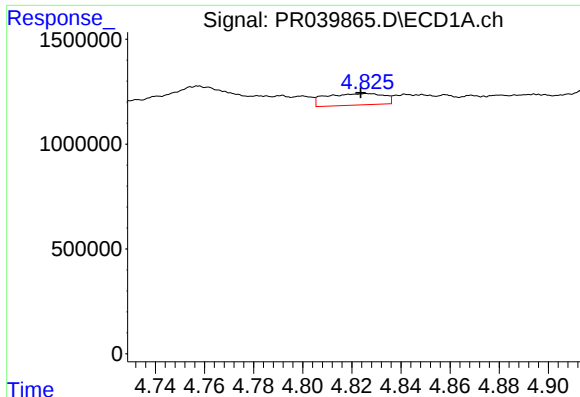
#20 AR-1242-5

R.T.: 5.615 min
Delta R.T.: 0.004 min
Response: 8688465
Conc: 87.47 ng/ml



#20 AR-1242-5

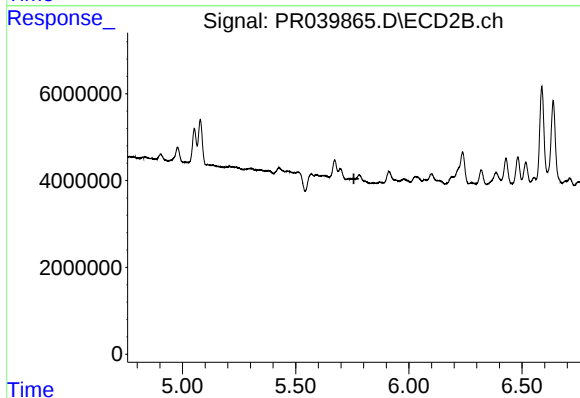
R.T.: 6.638 min
Delta R.T.: -0.030 min
Response: 26713897
Conc: 92.10 ng/ml



#21 AR-1248-1

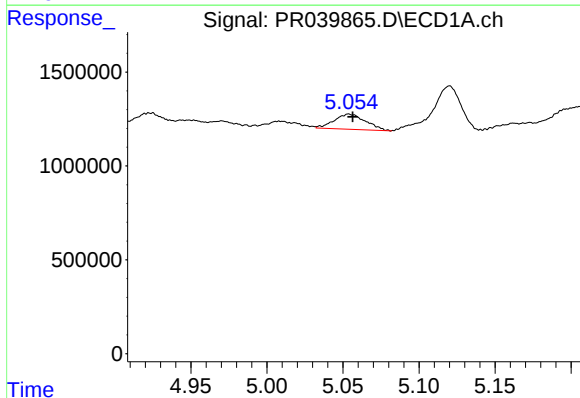
R.T.: 4.826 min
Delta R.T.: 0.002 min
Response: 896418
Conc: 12.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



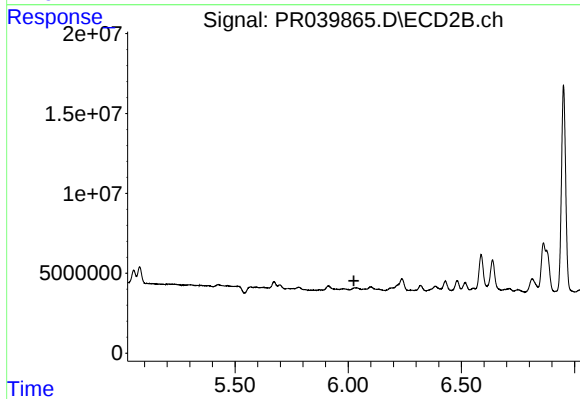
#21 AR-1248-1

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



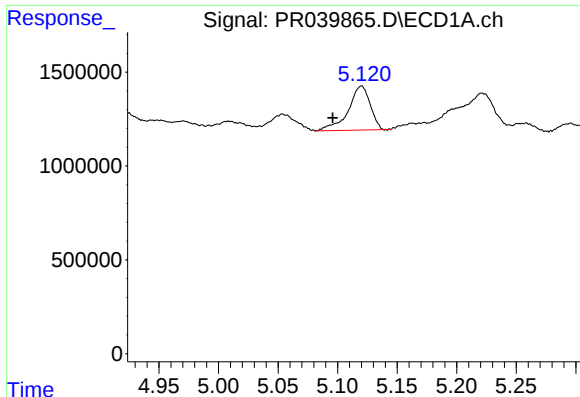
#22 AR-1248-2

R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 1162160
Conc: 14.85 ng/ml



#22 AR-1248-2

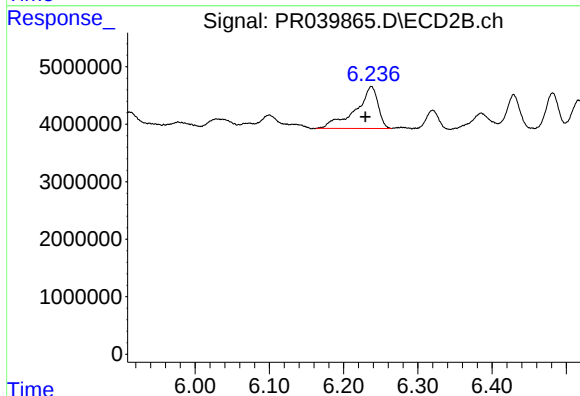
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#23 AR-1248-3

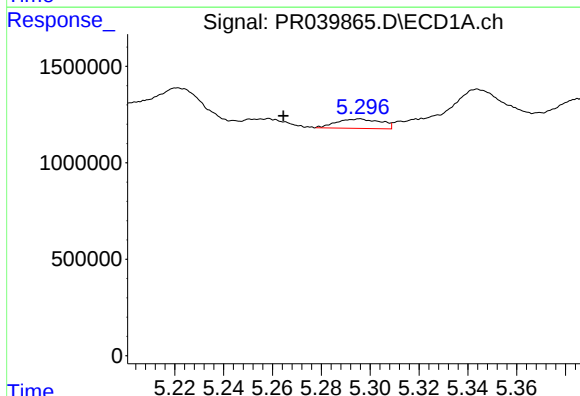
R.T.: 5.120 min
Delta R.T.: 0.024 min
Response: 3003170
Conc: 28.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



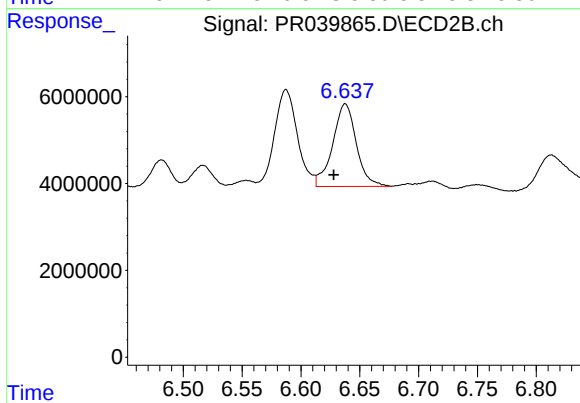
#23 AR-1248-3

R.T.: 6.238 min
Delta R.T.: 0.008 min
Response: 15323197
Conc: 35.16 ng/ml



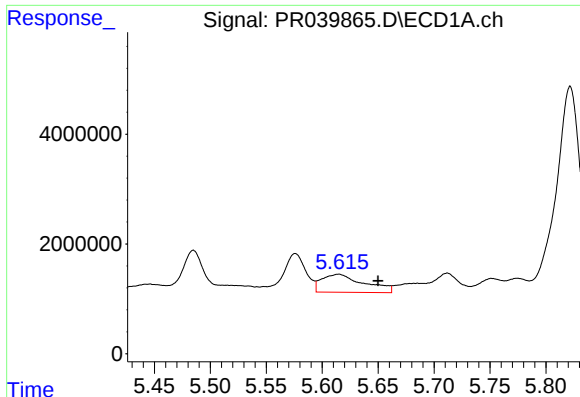
#24 AR-1248-4

R.T.: 5.296 min
Delta R.T.: 0.031 min
Response: 608773
Conc: 4.60 ng/ml



#24 AR-1248-4

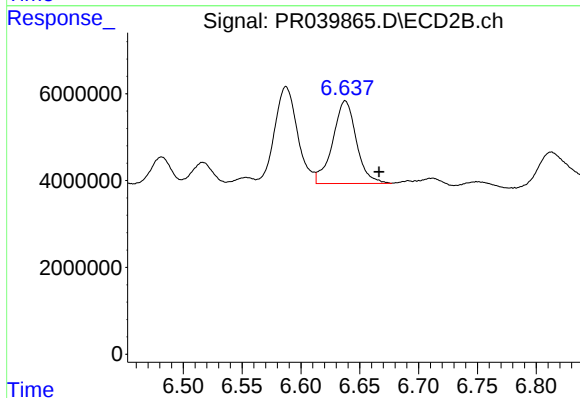
R.T.: 6.638 min
Delta R.T.: 0.010 min
Response: 26713897
Conc: 51.43 ng/ml



#25 AR-1248-5

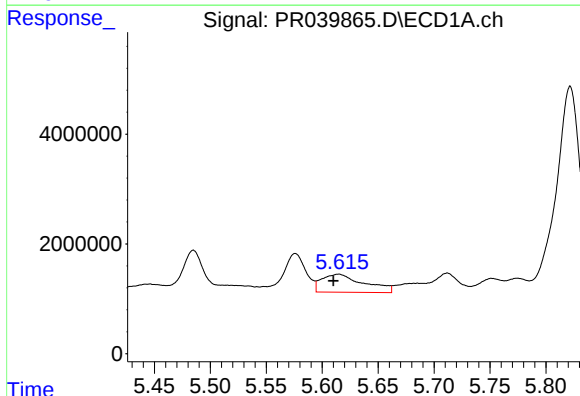
R.T.: 5.615 min
Delta R.T.: -0.035 min
Response: 8688465
Conc: 59.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



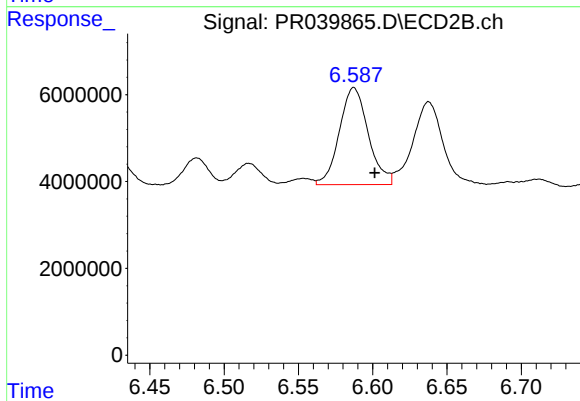
#25 AR-1248-5

R.T.: 6.638 min
Delta R.T.: -0.029 min
Response: 26713897
Conc: 54.19 ng/ml



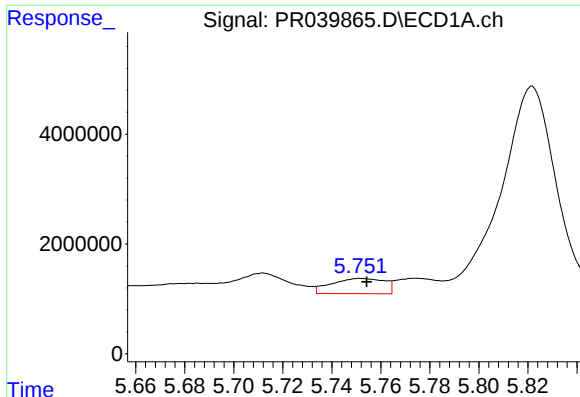
#26 AR-1254-1

R.T.: 5.615 min
Delta R.T.: 0.005 min
Response: 8688465
Conc: 56.33 ng/ml



#26 AR-1254-1

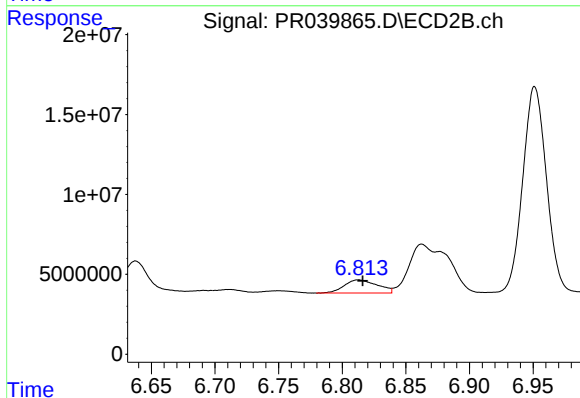
R.T.: 6.587 min
Delta R.T.: -0.014 min
Response: 30302171
Conc: 83.19 ng/ml



#27 AR-1254-2

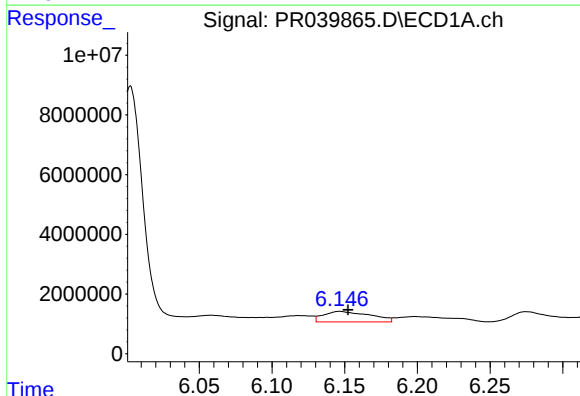
R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 4161128
Conc: 31.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



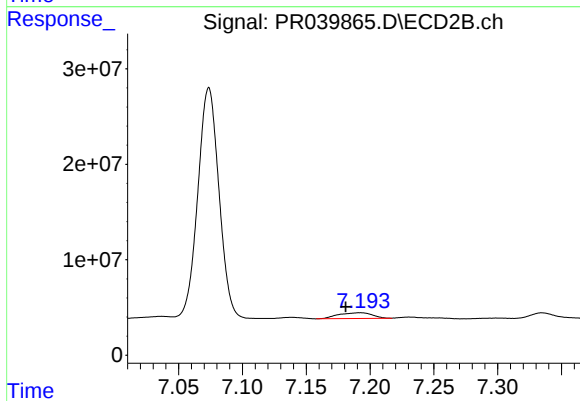
#27 AR-1254-2

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 14968450
Conc: 26.21 ng/ml



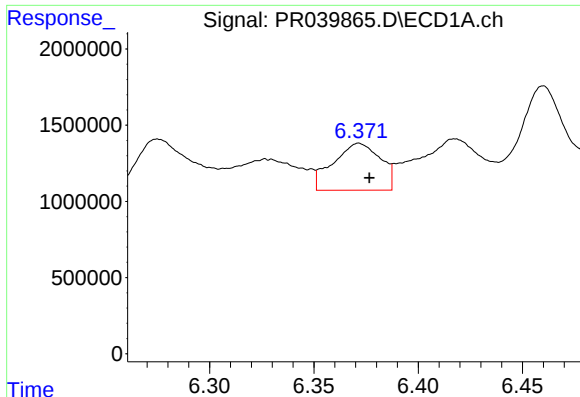
#28 AR-1254-3

R.T.: 6.146 min
Delta R.T.: -0.006 min
Response: 7835803
Conc: 35.07 ng/ml



#28 AR-1254-3

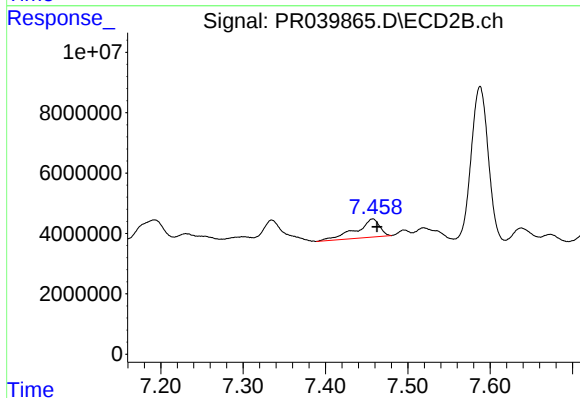
R.T.: 7.192 min
Delta R.T.: 0.011 min
Response: 11114629
Conc: 17.83 ng/ml



#29 AR-1254-4

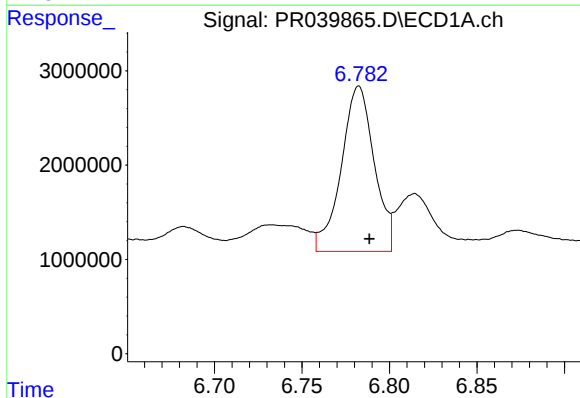
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 4844723
Conc: 33.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



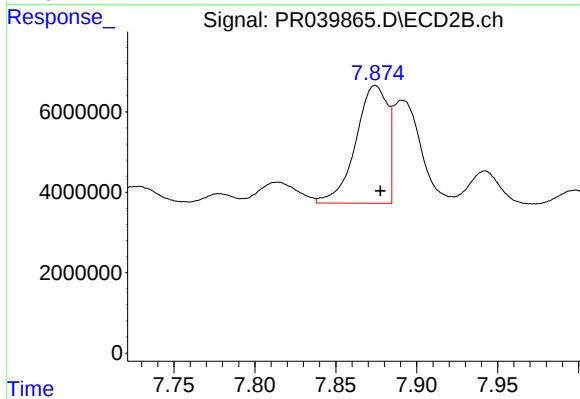
#29 AR-1254-4

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 12181935
Conc: 26.90 ng/ml



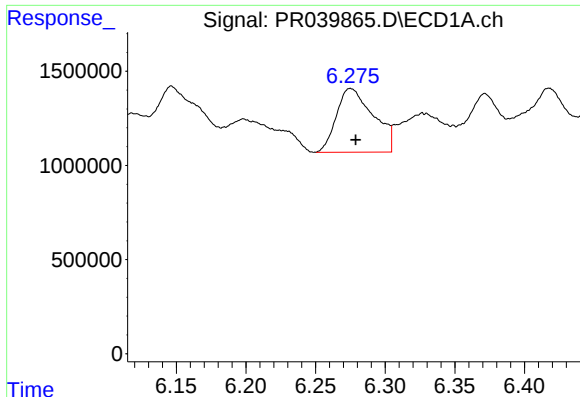
#30 AR-1254-5

R.T.: 6.782 min
Delta R.T.: -0.006 min
Response: 22970989
Conc: 120.64 ng/ml



#30 AR-1254-5

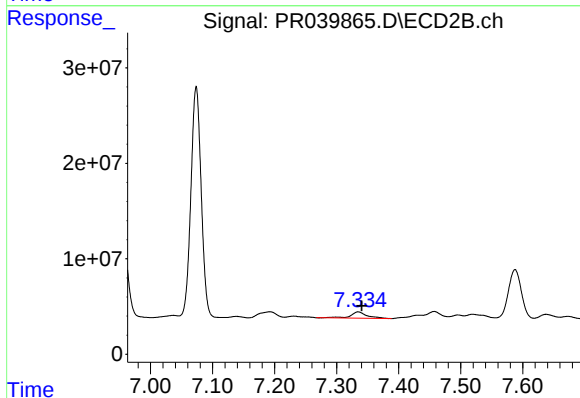
R.T.: 7.874 min
Delta R.T.: -0.003 min
Response: 40098272
Conc: 84.45 ng/ml



#31 AR-1260-1

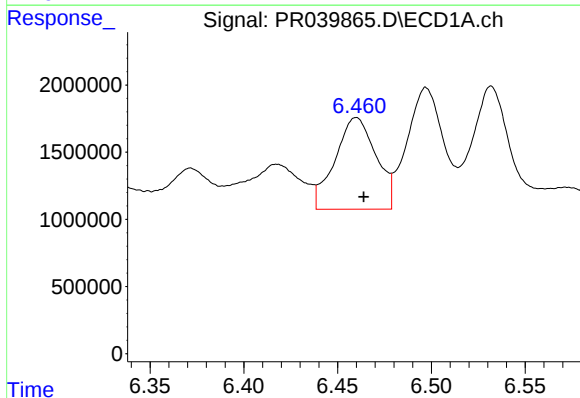
R.T.: 6.275 min
Delta R.T.: -0.004 min
Response: 6247841
Conc: 42.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



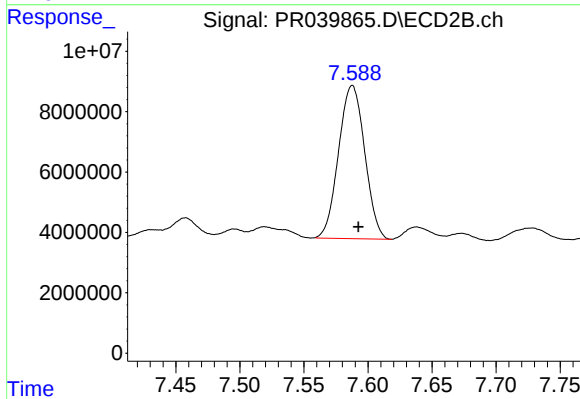
#31 AR-1260-1

R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 12320992
Conc: 27.77 ng/ml



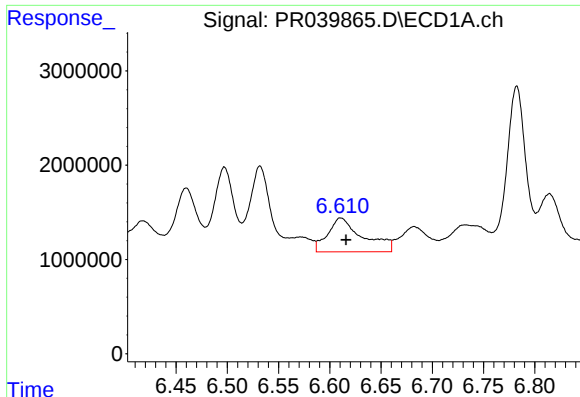
#32 AR-1260-2

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 10388432
Conc: 56.42 ng/ml



#32 AR-1260-2

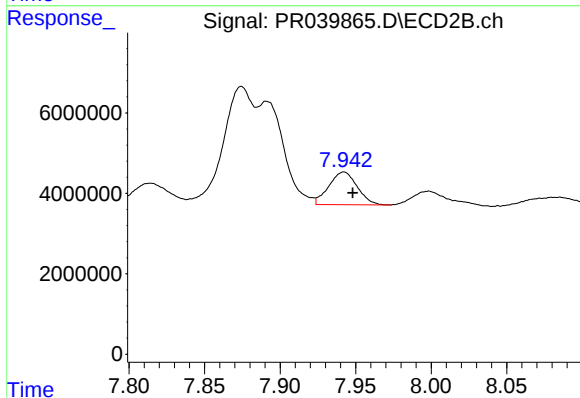
R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 71948542
Conc: 131.25 ng/ml



#33 AR-1260-3

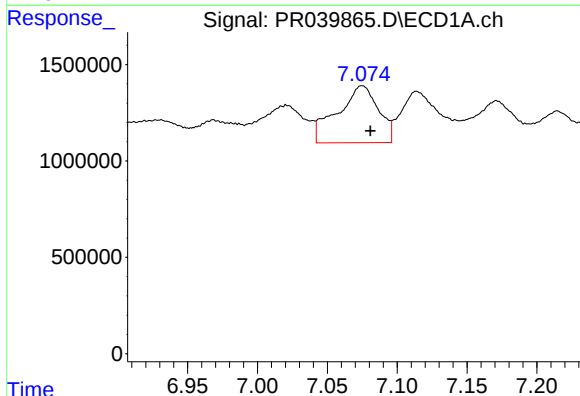
R.T.: 6.611 min
Delta R.T.: -0.005 min
Response: 8571426
Conc: 51.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



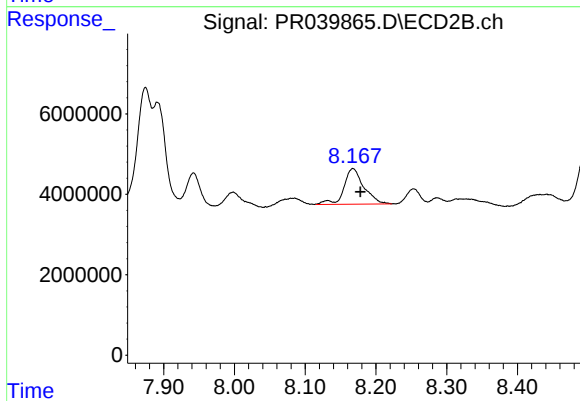
#33 AR-1260-3

R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 10632999
Conc: 25.36 ng/ml



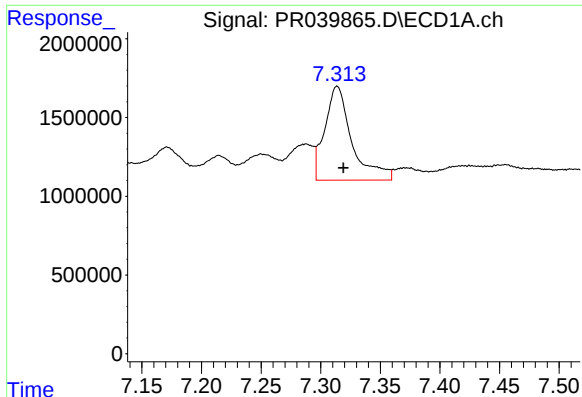
#34 AR-1260-4

R.T.: 7.075 min
Delta R.T.: -0.006 min
Response: 6040966
Conc: 43.46 ng/ml



#34 AR-1260-4

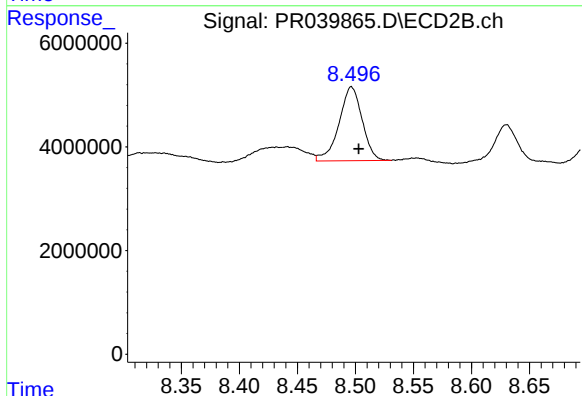
R.T.: 8.168 min
Delta R.T.: -0.010 min
Response: 17338542
Conc: 35.94 ng/ml



#35 AR-1260-5

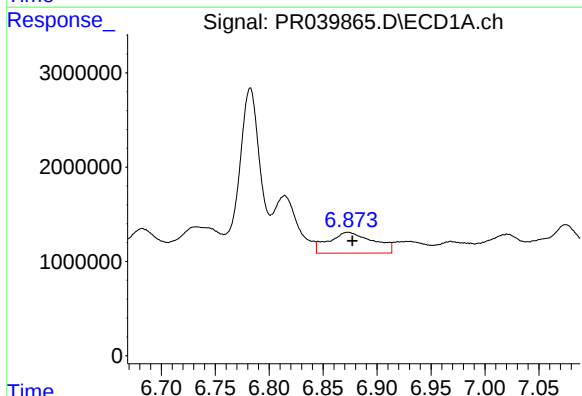
R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 9428710
Conc: 27.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



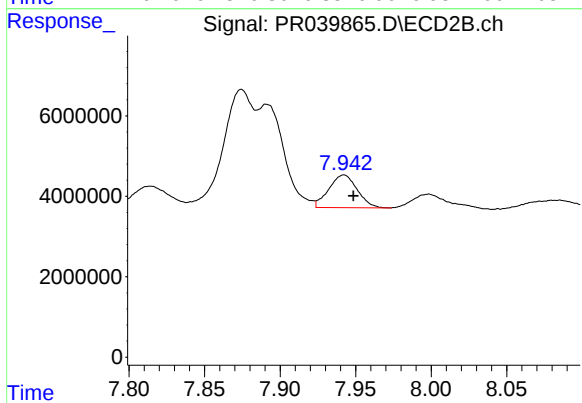
#35 AR-1260-5

R.T.: 8.497 min
Delta R.T.: -0.006 min
Response: 19849641
Conc: 19.35 ng/ml



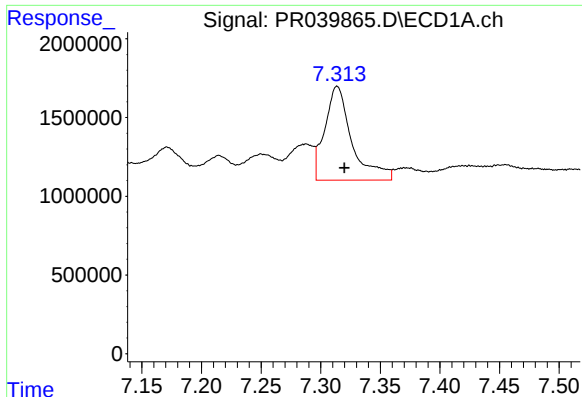
#36 AR-1262-1

R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 6390993
Conc: 43.53 ng/ml



#36 AR-1262-1

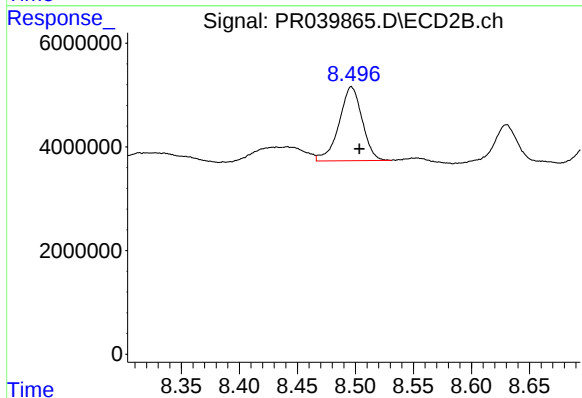
R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 10632999
Conc: 10.24 ng/ml



#37 AR-1262-2

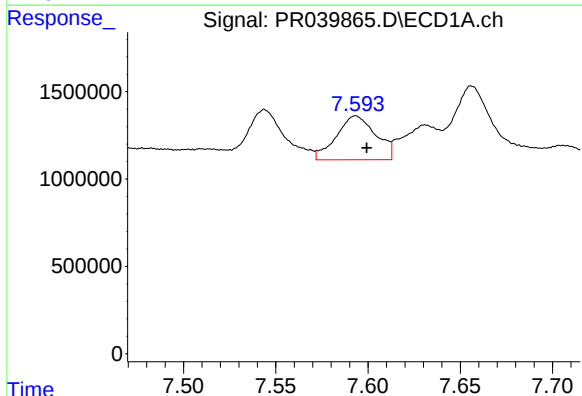
R.T.: 7.314 min
Delta R.T.: -0.006 min
Response: 9428710
Conc: 13.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



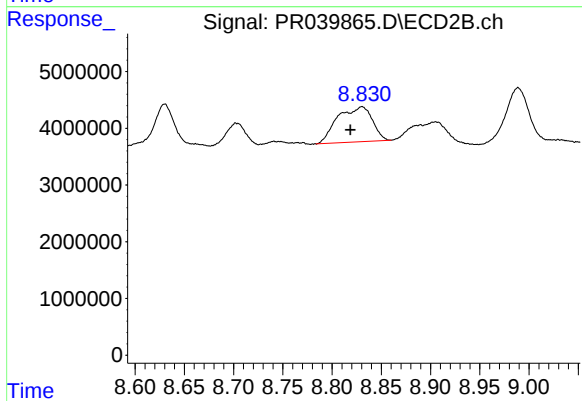
#37 AR-1262-2

R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 19849641
Conc: 9.85 ng/ml



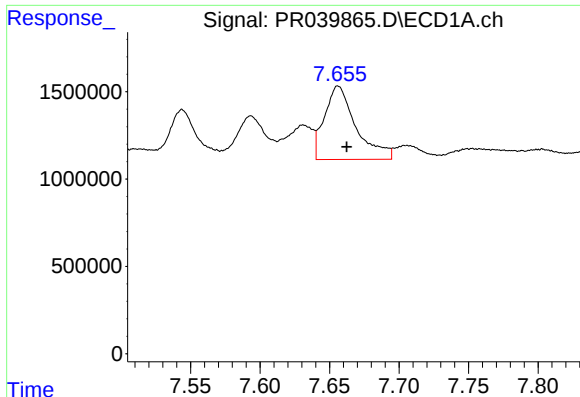
#38 AR-1262-3

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 3731233
Conc: 15.71 ng/ml



#38 AR-1262-3

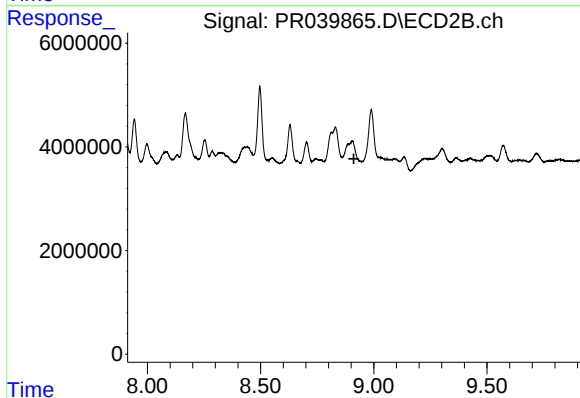
R.T.: 8.830 min
Delta R.T.: 0.012 min
Response: 15137333
Conc: 12.06 ng/ml



#39 AR-1262-4

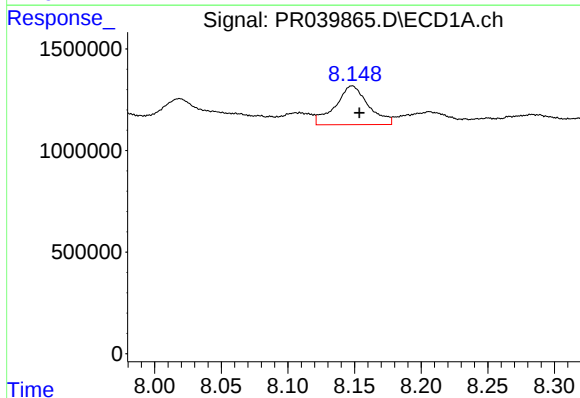
R.T.: 7.656 min
Delta R.T.: -0.006 min
Response: 6616037
Conc: 14.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



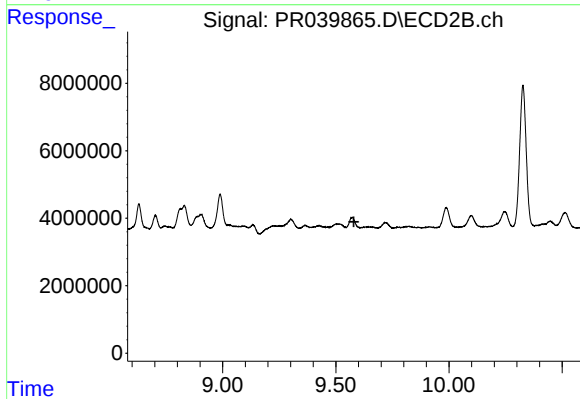
#39 AR-1262-4

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



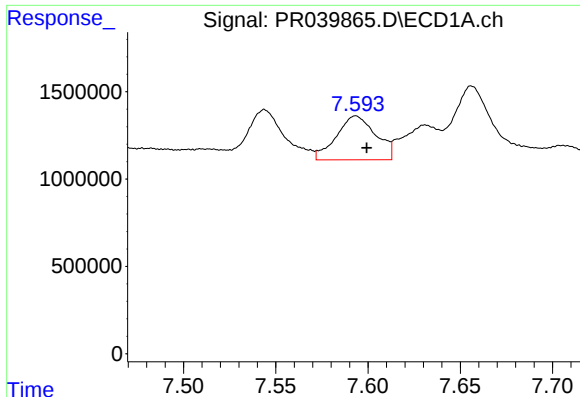
#40 AR-1262-5

R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 3302960
Conc: 16.99 ng/ml



#40 AR-1262-5

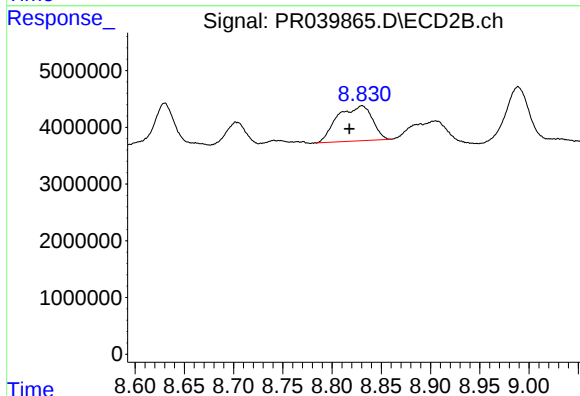
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#41 AR-1268-1

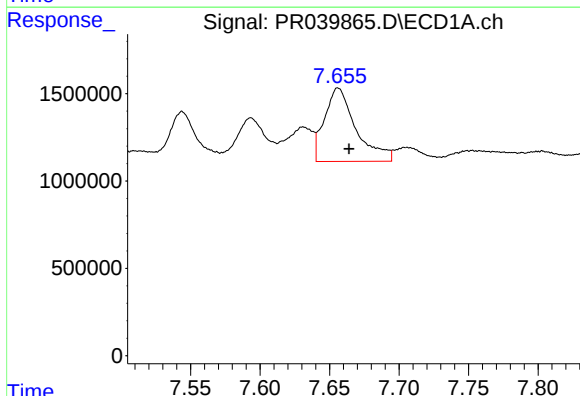
R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 3731233
Conc: 4.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



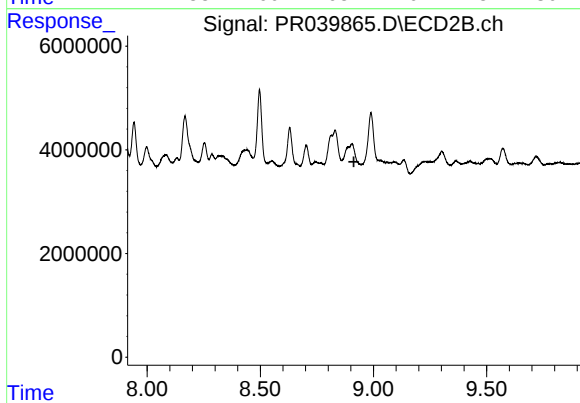
#41 AR-1268-1

R.T.: 8.830 min
Delta R.T.: 0.013 min
Response: 15137333
Conc: 6.38 ng/ml



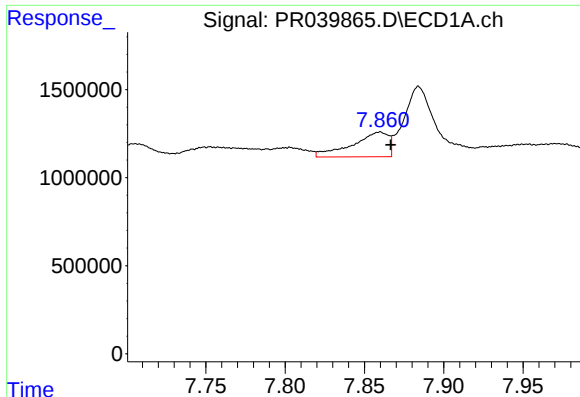
#42 AR-1268-2

R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 6616037
Conc: 9.42 ng/ml



#42 AR-1268-2

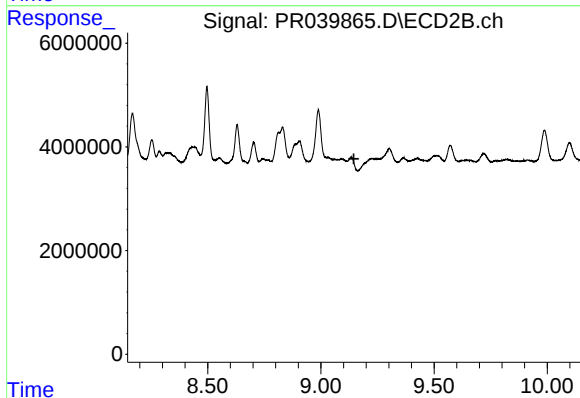
R.T.: 0.000 min
Exp R.T.: 8.913 min
Response: 0
Conc: N.D.



#43 AR-1268-3

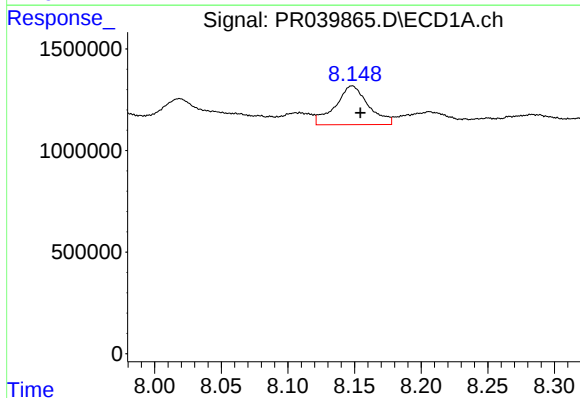
R.T.: 7.860 min
Delta R.T.: -0.007 min
Response: 2234060
Conc: 4.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



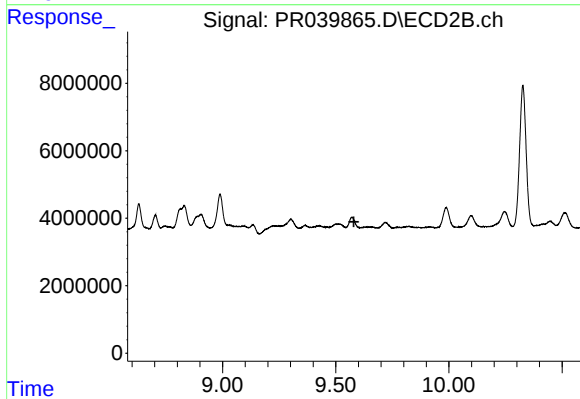
#43 AR-1268-3

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



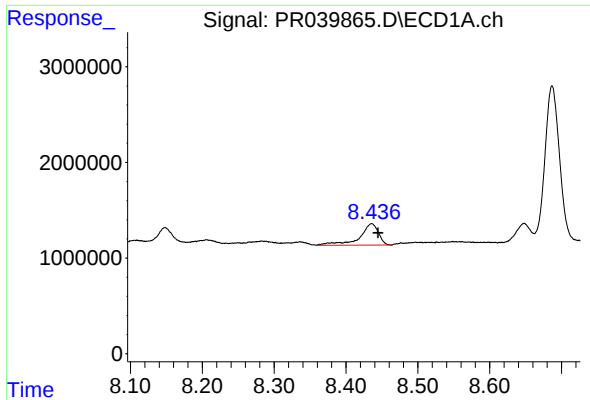
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: -0.006 min
Response: 3302960
Conc: 14.34 ng/ml



#44 AR-1268-4

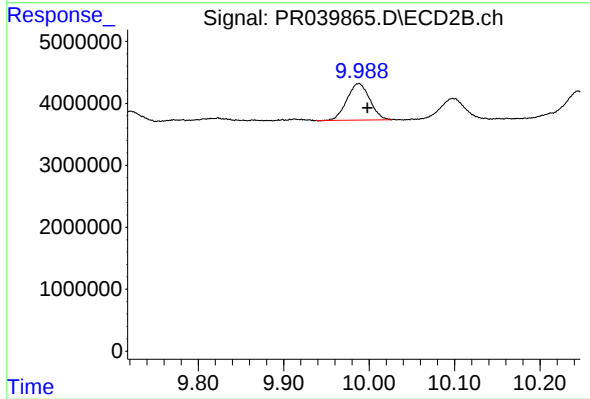
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.436 min
Delta R.T.: -0.009 min
Response: 4051726
Conc: 2.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-01-B



#45 AR-1268-5

R.T.: 9.988 min
Delta R.T.: -0.010 min
Response: 10963535
Conc: 1.87 ng/ml