

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042135.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 04:49
 Operator : SM\AJ
 Sample : K5202-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AB3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:30:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.719	3.983	78656724	304.4E6	19.336	19.907
2)	SA Decachlor...	10.631	9.089	116.2E6	334.0E6	33.804	33.685
Target Compounds							
3)	L1 AR-1016-1	5.917	0.000	12906701	0	89.899	N.D. #
4)	L1 AR-1016-2	5.917	0.000	12906701	0	63.115	N.D. #
5)	L1 AR-1016-3	6.036f	0.000	12274450	0	100.963	N.D. #
6)	L1 AR-1016-4	6.081	0.000	4974616	0	48.914	N.D. #
7)	L1 AR-1016-5	6.375	5.559	7222137	5944512	72.533	19.225 #
8)	L2 AR-1221-1	4.901	0.000	2506697	0	61.056	N.D. #
9)	L2 AR-1221-2	5.031	0.000	5543062	0	191.052	N.D. #
10)	L2 AR-1221-3	5.104	0.000	1961985	0	20.166	N.D. #
11)	L3 AR-1232-1	5.104	0.000	1961985	0	23.447	N.D. #
12)	L3 AR-1232-2	5.627	0.000	8022535	0	186.229	N.D. #
13)	L3 AR-1232-3	5.917	0.000	12906701	0	143.543	N.D. #
14)	L3 AR-1232-4	6.081	0.000	4974616	0	111.780	N.D. #
15)	L3 AR-1232-5	6.184	5.559	4456418	5944512	135.653	44.115 #
16)	L4 AR-1242-1	5.917	0.000	12906701	0	117.040	N.D. #
17)	L4 AR-1242-2	5.917	0.000	12906701	0	83.135	N.D. #
18)	L4 AR-1242-3	6.036f	0.000	12274450	0	130.817	N.D. #
19)	L4 AR-1242-4	6.081	0.000	4974616	0	64.034	N.D. #
20)	L4 AR-1242-5	6.818	0.000	4784031	0	54.657	N.D. #
21)	L5 AR-1248-1	5.917	0.000	12906701	0	155.106	N.D. #
22)	L5 AR-1248-2	6.184	0.000	4456418	0	38.834	N.D. #
23)	L5 AR-1248-3	6.375	0.000	7222137	0	55.702	N.D. #
24)	L5 AR-1248-4	6.794	5.559	2774144	5944512	18.079	14.926
25)	L5 AR-1248-5	6.818	0.000	4784031	0	33.041	N.D. #
26)	L6 AR-1254-1	6.751	0.000	5996422	0	36.718	N.D. #
27)	L6 AR-1254-2	6.966	0.000	5833701	0	23.514	N.D. #
28)	L6 AR-1254-3	7.304f	6.455	3869272	18916453	14.338	20.050 #
29)	L6 AR-1254-4	7.622	6.658	5933874	31574838	29.237	47.690 #
30)	L6 AR-1254-5	8.041	7.088	11168068	23602596	52.518	27.488 #
31)	L7 AR-1260-1	7.500	6.575	15557238	29256976	82.111	49.357 #
32)	L7 AR-1260-2	7.754	6.758	8887058	26986502	37.599	33.101
33)	L7 AR-1260-3	8.116	6.915	8171916	25522747	43.531	36.919
34)	L7 AR-1260-4	8.354	7.387	12209307	12736066	60.753	21.948 #
35)	L7 AR-1260-5	8.692	7.625	15978697	48938337	36.912	30.100
36)	L8 AR-1262-1	8.175	7.088	6015255	23602596	63.903	54.161
37)	L8 AR-1262-2	8.692	7.625	15978697	48938337	37.045	28.428
38)	L8 AR-1262-3	9.045	7.911	13782015	6561580	49.443	10.053 #
39)	L8 AR-1262-4	9.160f	7.976	20076680	19512196	97.998	16.698 #
40)	L8 AR-1262-5	9.824	8.491	3474701	11235209	24.088	21.004
41)	L9 AR-1268-1	9.045	7.911	13782015	6561580	25.093	2.993 #
42)	L9 AR-1268-2	9.160	7.976	20076680	19512196	40.382	9.806 #

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Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 04 06:59:35 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
43)	L9 AR-1268-3	9.366	0.000	1704541	0	4.179	N.D.	#
44)	L9 AR-1268-4	9.824	8.491	3474701	11235209	19.805	17.409	
45)	L9 AR-1268-5	10.268	0.000	2056581	0	1.578	N.D.	#

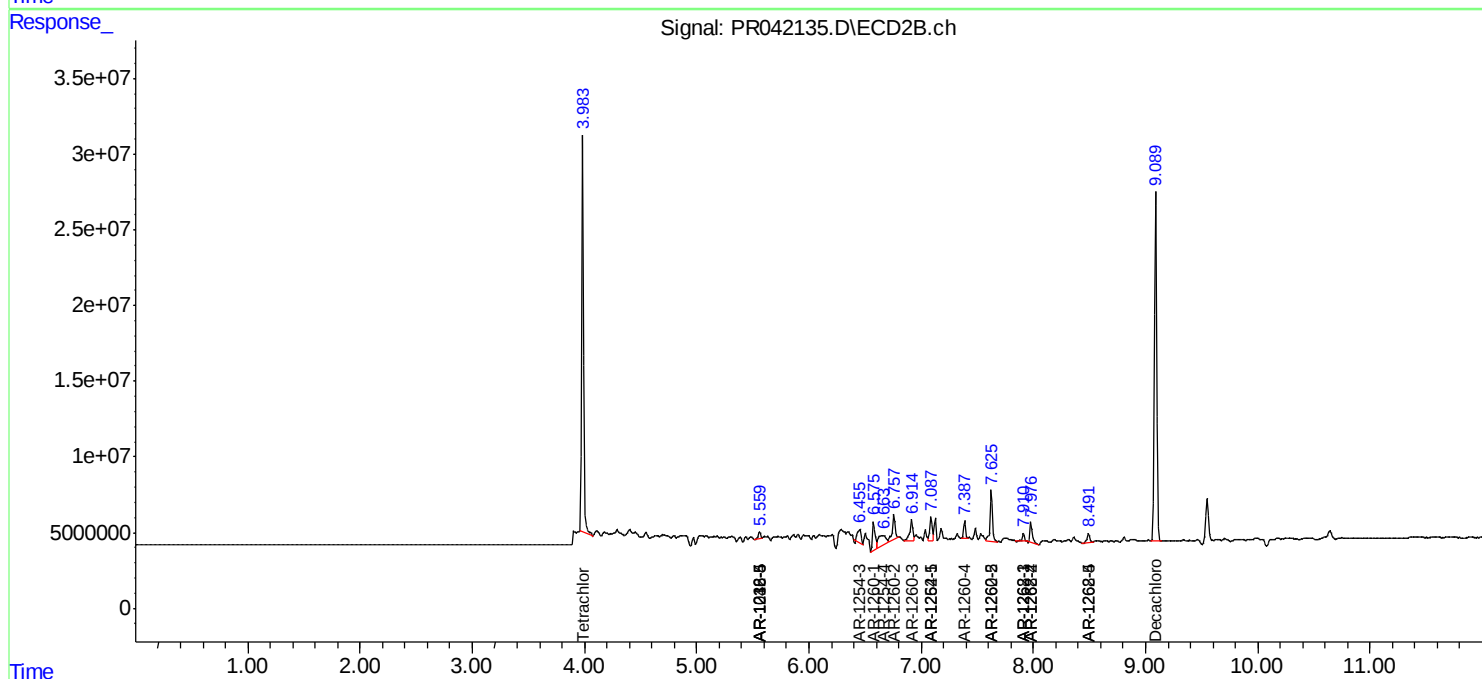
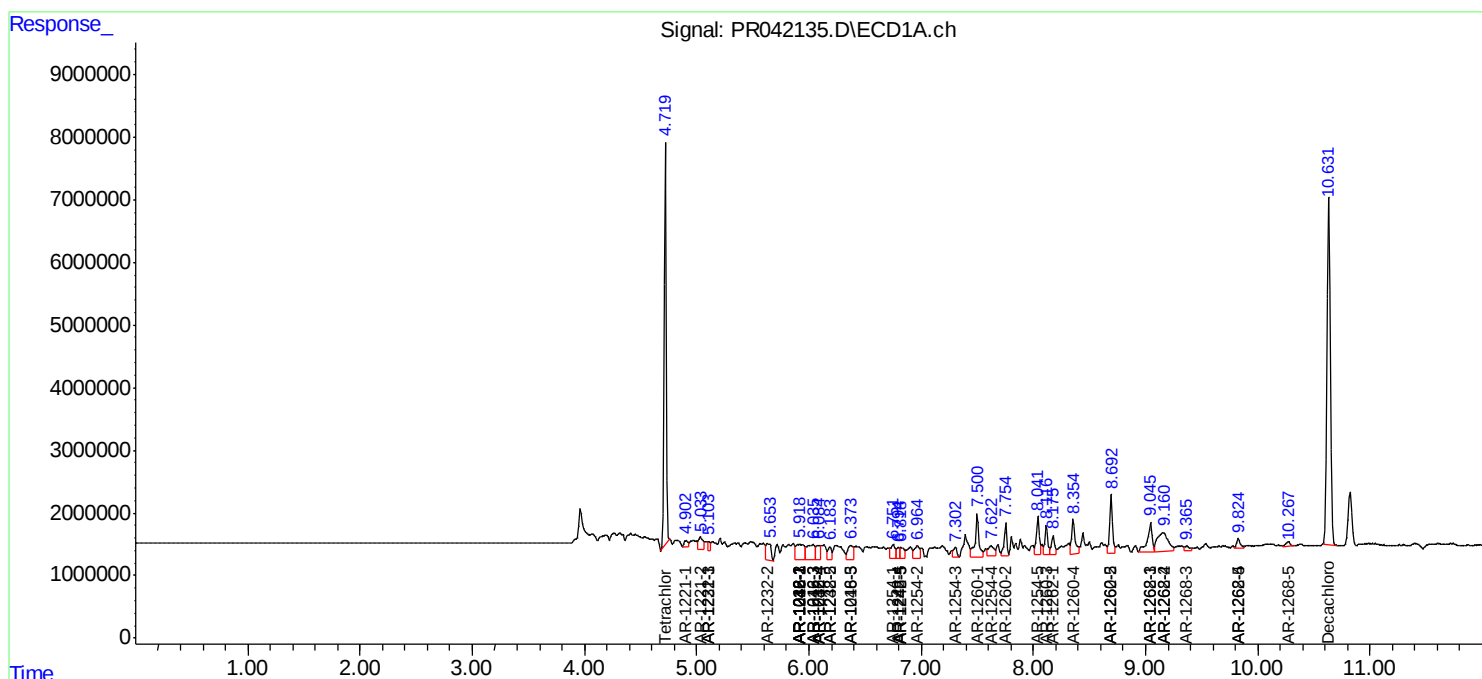
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

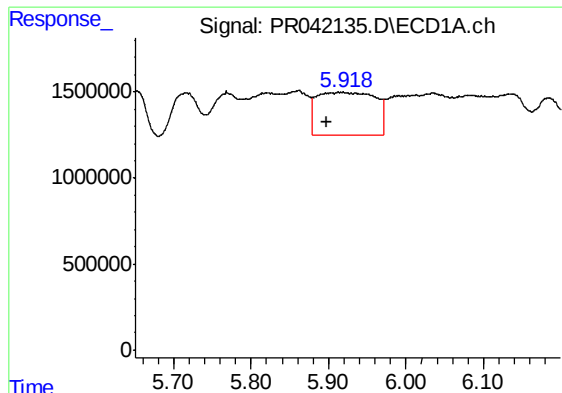
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

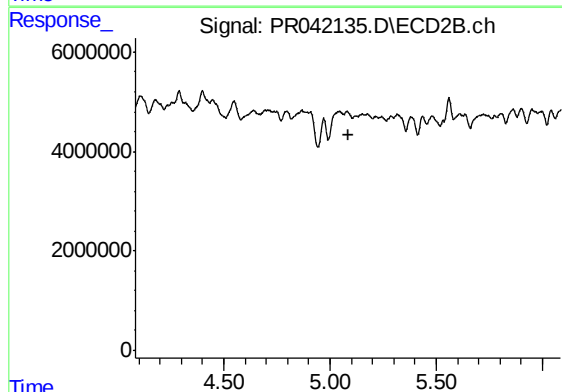




#3 AR-1016-1

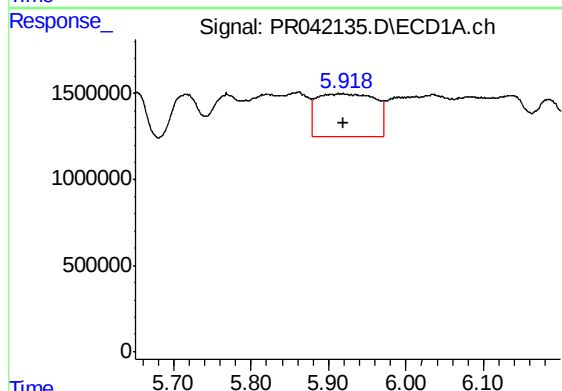
R.T.: 5.917 min
Delta R.T.: 0.020 min
Response: 12906701
Conc: 89.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



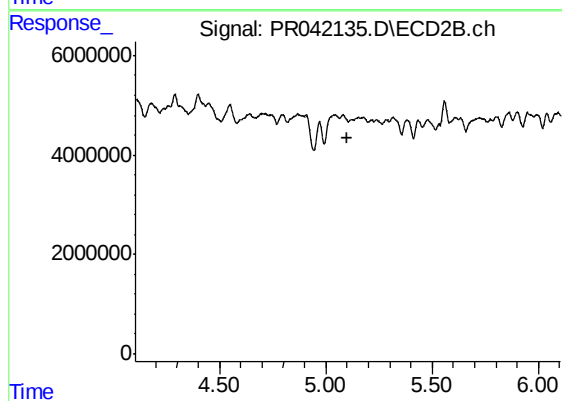
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



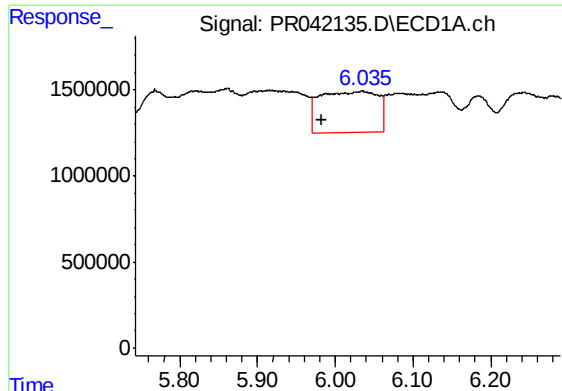
#4 AR-1016-2

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 12906701
Conc: 63.11 ng/ml



#4 AR-1016-2

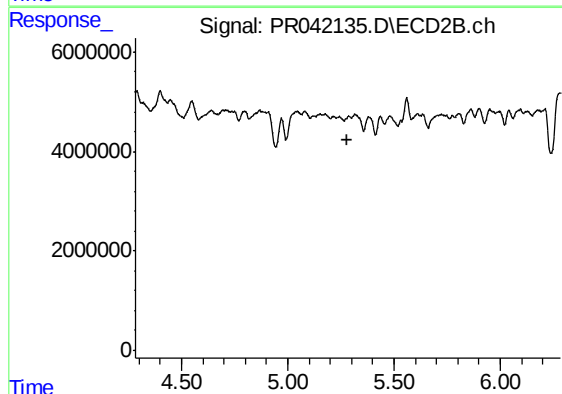
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#5 AR-1016-3

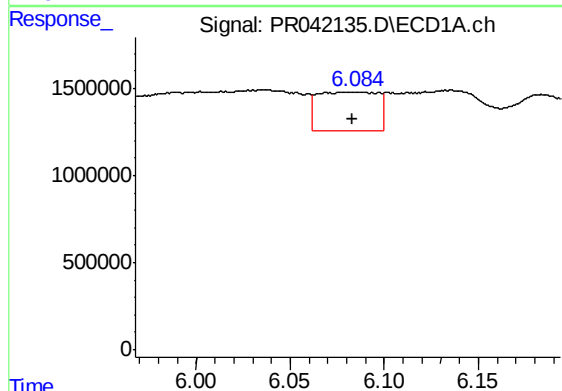
R.T.: 6.036 min
Delta R.T.: 0.053 min
Response: 12274450
Conc: 100.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



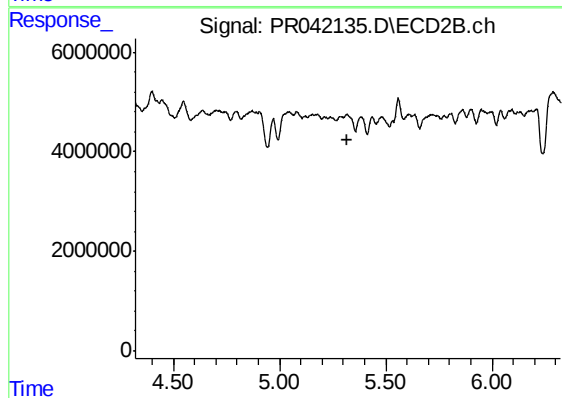
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



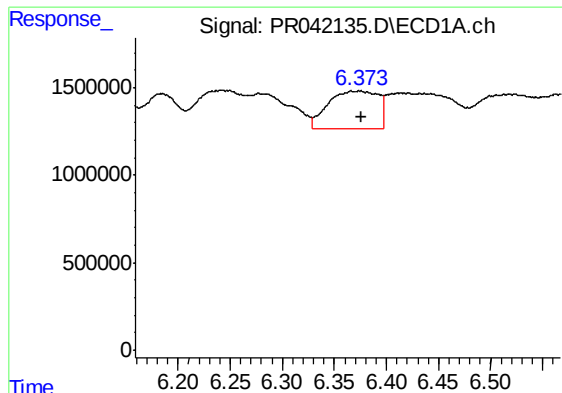
#6 AR-1016-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 4974616
Conc: 48.91 ng/ml



#6 AR-1016-4

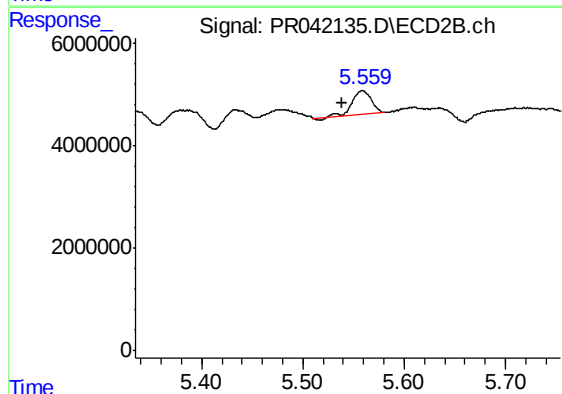
R.T.: 0.000 min
Exp R.T. : 5.322 min
Response: 0
Conc: N.D.



#7 AR-1016-5

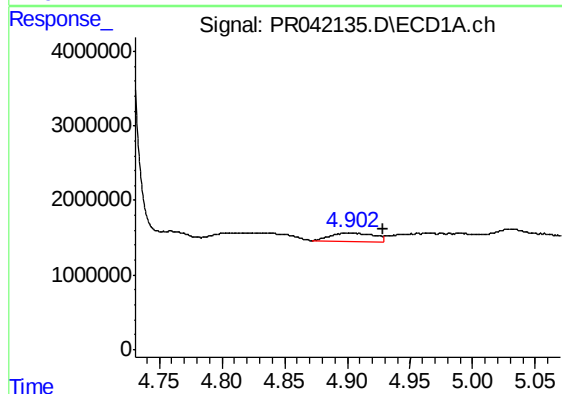
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 7222137
Conc: 72.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



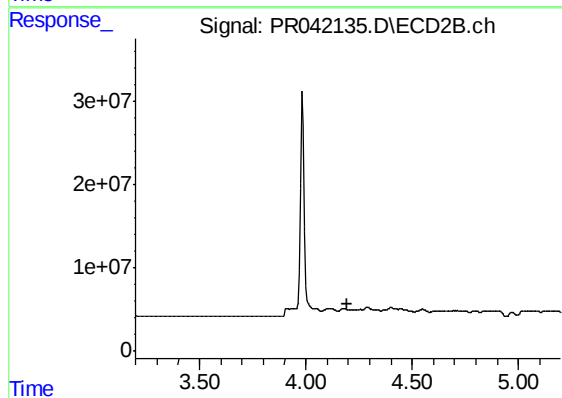
#7 AR-1016-5

R.T.: 5.559 min
Delta R.T.: 0.019 min
Response: 5944512
Conc: 19.22 ng/ml



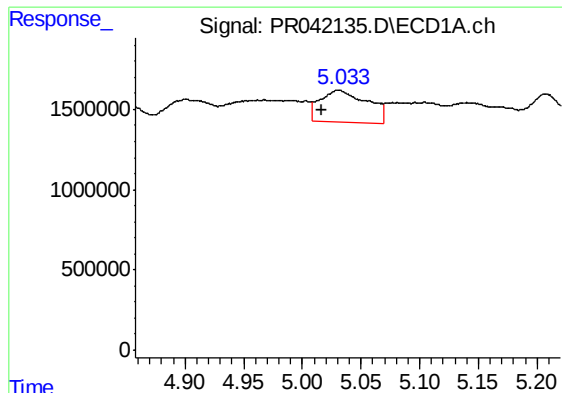
#8 AR-1221-1

R.T.: 4.901 min
Delta R.T.: -0.027 min
Response: 2506697
Conc: 61.06 ng/ml



#8 AR-1221-1

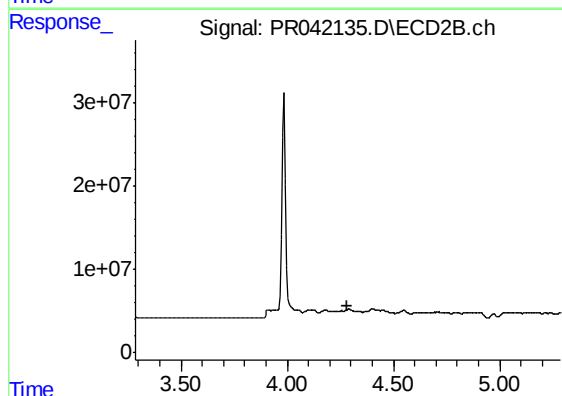
R.T.: 0.000 min
Exp R.T. : 4.198 min
Response: 0
Conc: N.D.



#9 AR-1221-2

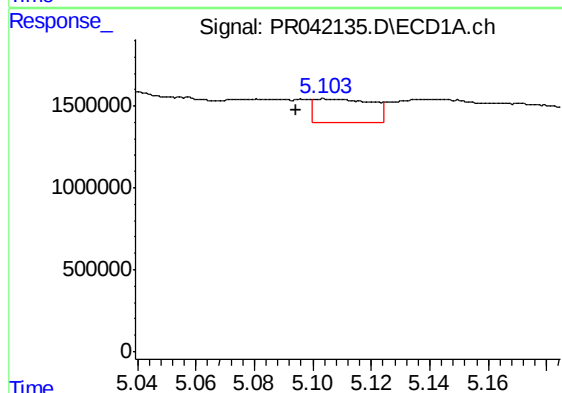
R.T.: 5.031 min
Delta R.T.: 0.015 min
Response: 5543062
Conc: 191.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



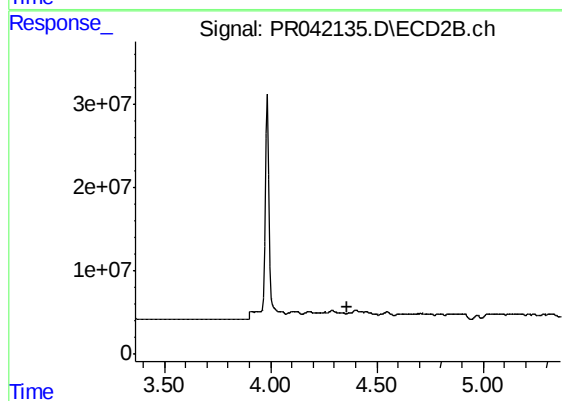
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



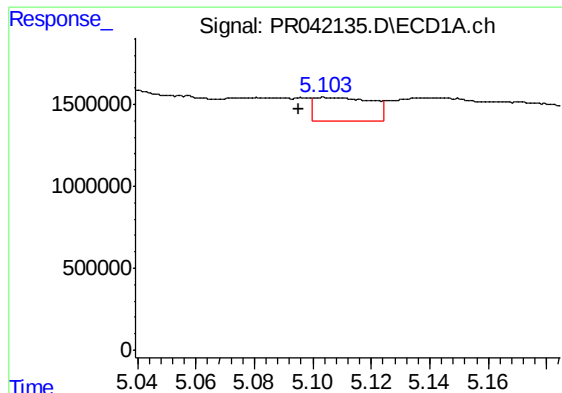
#10 AR-1221-3

R.T.: 5.104 min
Delta R.T.: 0.010 min
Response: 1961985
Conc: 20.17 ng/ml



#10 AR-1221-3

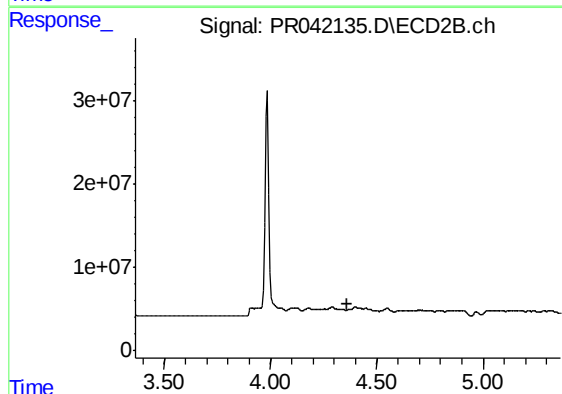
R.T.: 0.000 min
Exp R.T. : 4.363 min
Response: 0
Conc: N.D.



#11 AR-1232-1

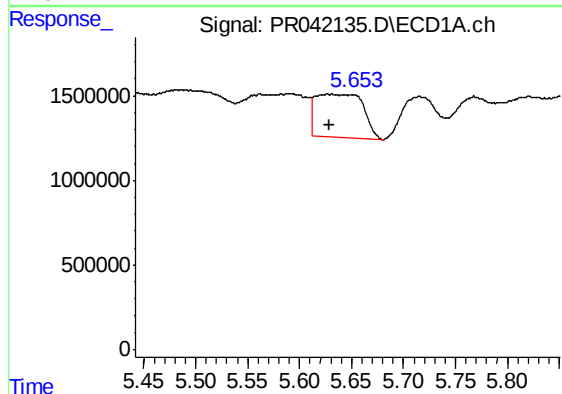
R.T.: 5.104 min
Delta R.T.: 0.009 min
Response: 1961985
Conc: 23.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



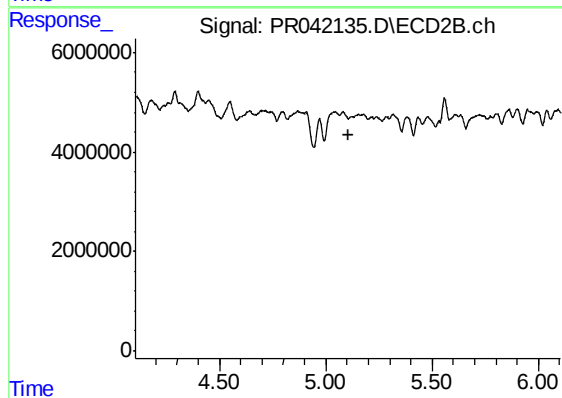
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.364 min
Response: 0
Conc: N.D.



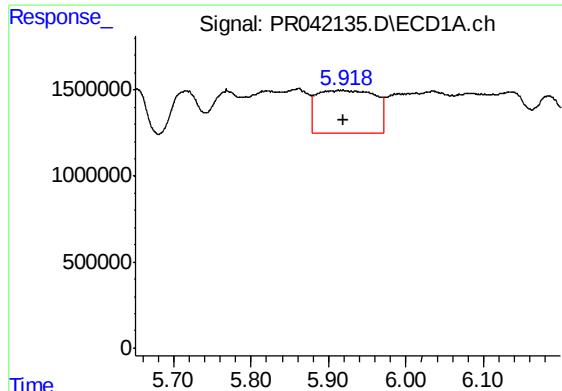
#12 AR-1232-2

R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 8022535
Conc: 186.23 ng/ml



#12 AR-1232-2

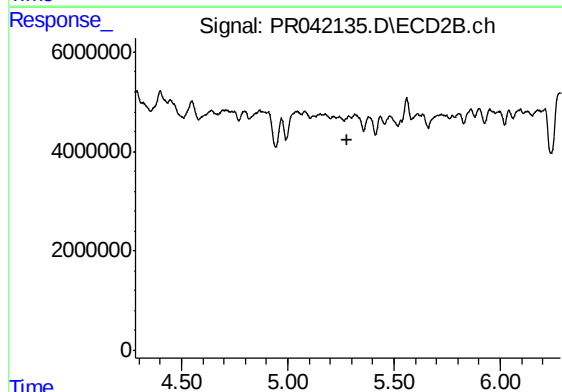
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#13 AR-1232-3

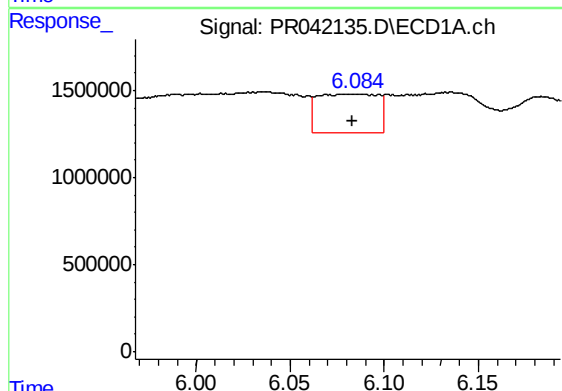
R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 12906701
Conc: 143.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



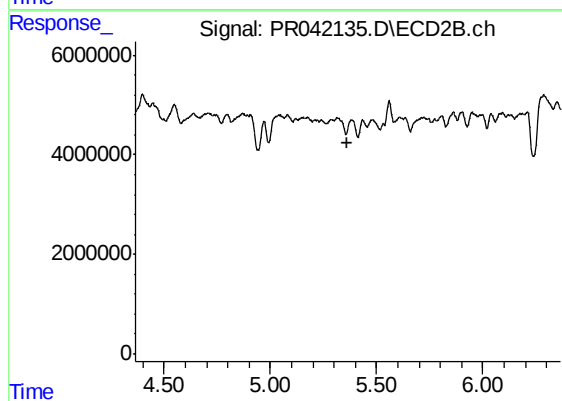
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



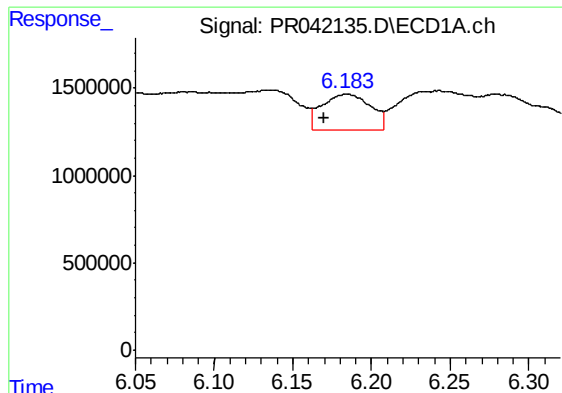
#14 AR-1232-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 4974616
Conc: 111.78 ng/ml



#14 AR-1232-4

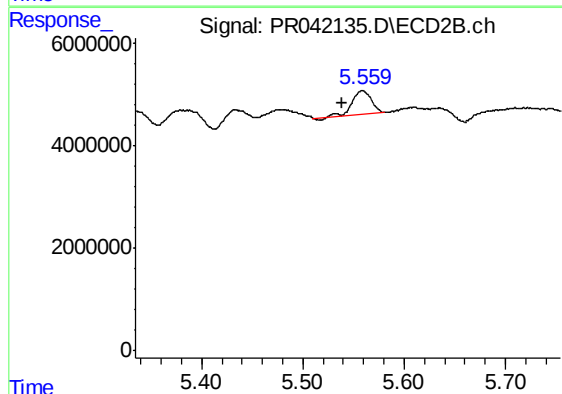
R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



#15 AR-1232-5

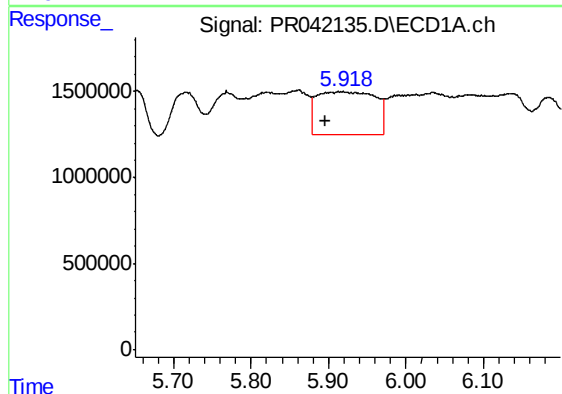
R.T.: 6.184 min
Delta R.T.: 0.015 min
Response: 4456418
Conc: 135.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



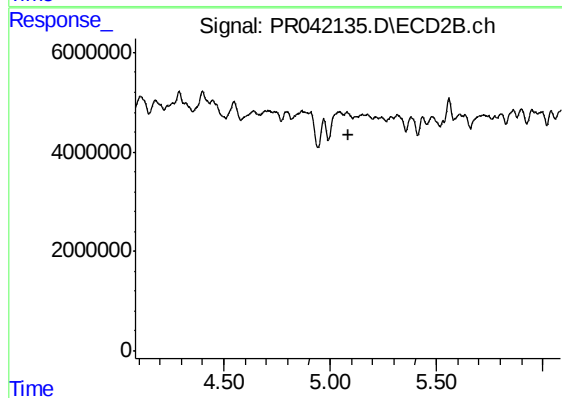
#15 AR-1232-5

R.T.: 5.559 min
Delta R.T.: 0.020 min
Response: 5944512
Conc: 44.11 ng/ml



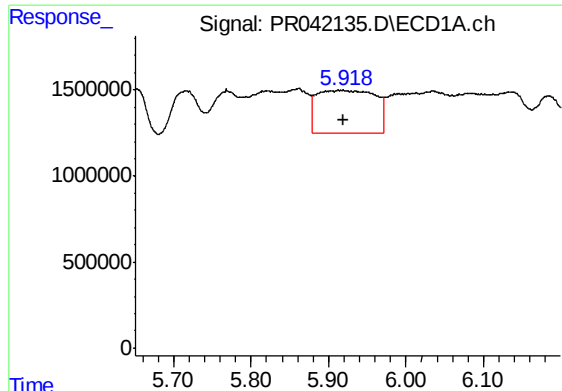
#16 AR-1242-1

R.T.: 5.917 min
Delta R.T.: 0.021 min
Response: 12906701
Conc: 117.04 ng/ml



#16 AR-1242-1

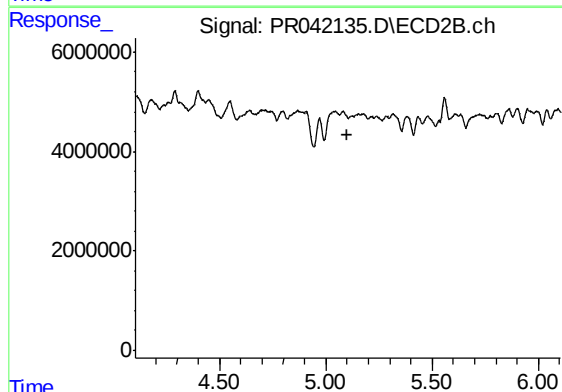
R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



#17 AR-1242-2

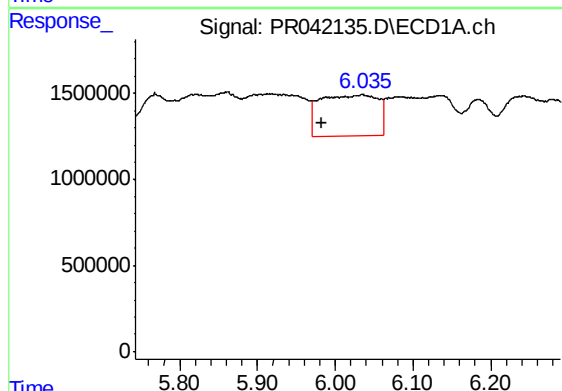
R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 12906701
Conc: 83.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



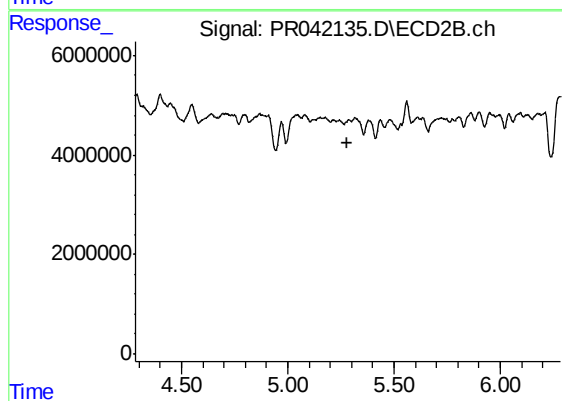
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



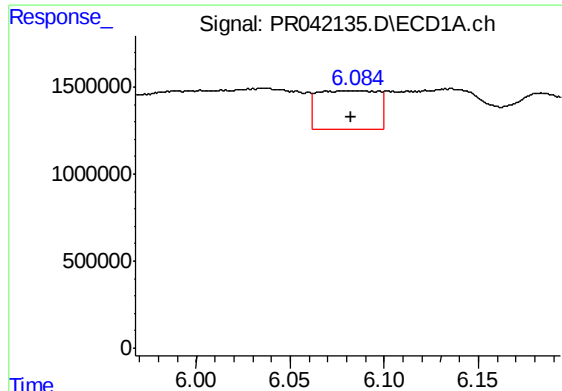
#18 AR-1242-3

R.T.: 6.036 min
Delta R.T.: 0.053 min
Response: 12274450
Conc: 130.82 ng/ml



#18 AR-1242-3

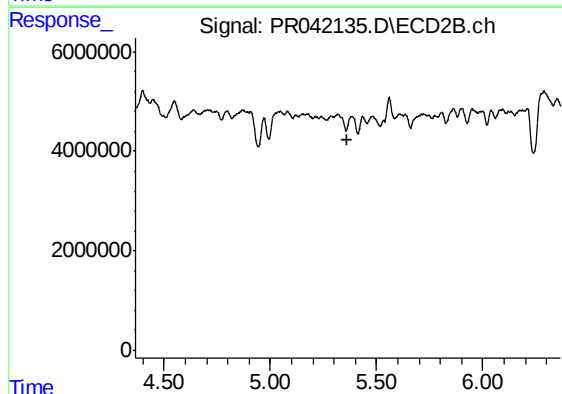
R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



#19 AR-1242-4

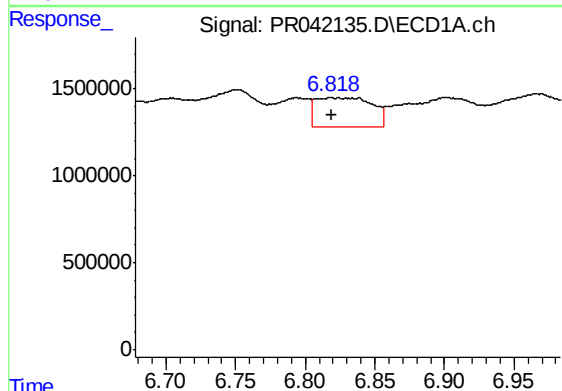
R.T.: 6.081 min
Delta R.T.: -0.001 min
Response: 4974616
Conc: 64.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



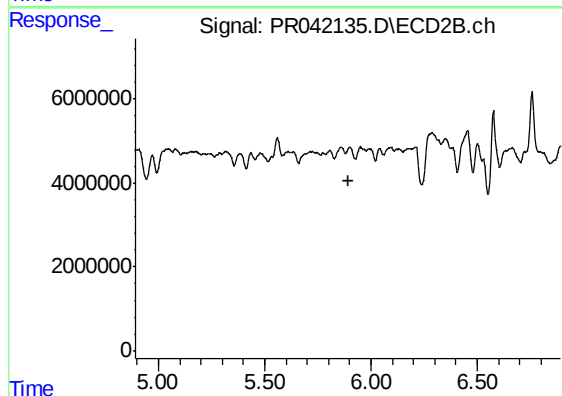
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



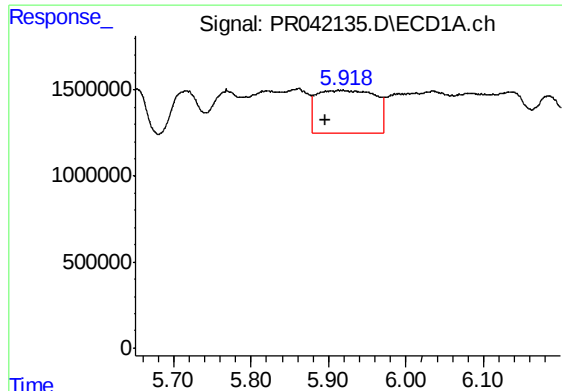
#20 AR-1242-5

R.T.: 6.818 min
Delta R.T.: -0.001 min
Response: 4784031
Conc: 54.66 ng/ml



#20 AR-1242-5

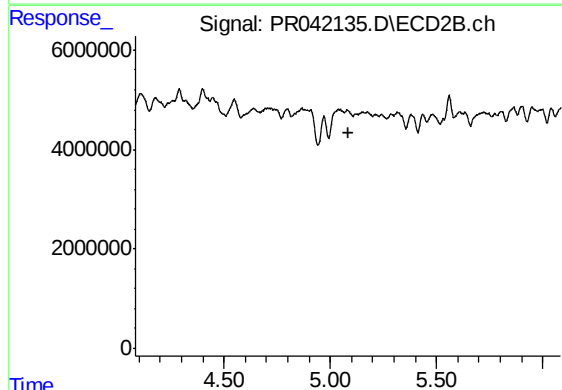
R.T.: 0.000 min
Exp R.T. : 5.892 min
Response: 0
Conc: N.D.



#21 AR-1248-1

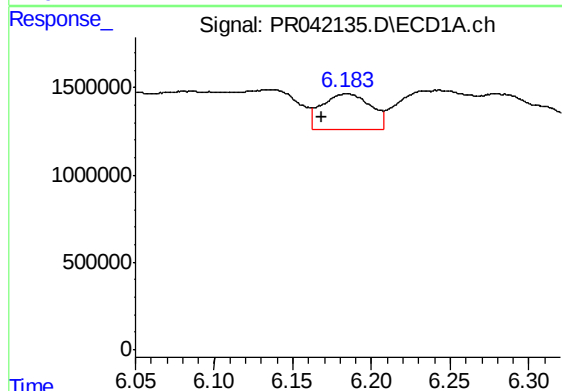
R.T.: 5.917 min
Delta R.T.: 0.021 min
Response: 12906701
Conc: 155.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



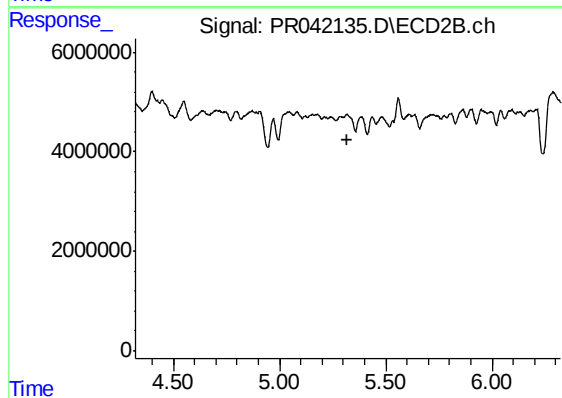
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.



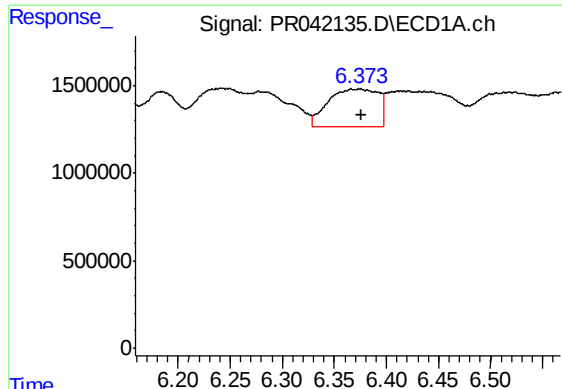
#22 AR-1248-2

R.T.: 6.184 min
Delta R.T.: 0.016 min
Response: 4456418
Conc: 38.83 ng/ml



#22 AR-1248-2

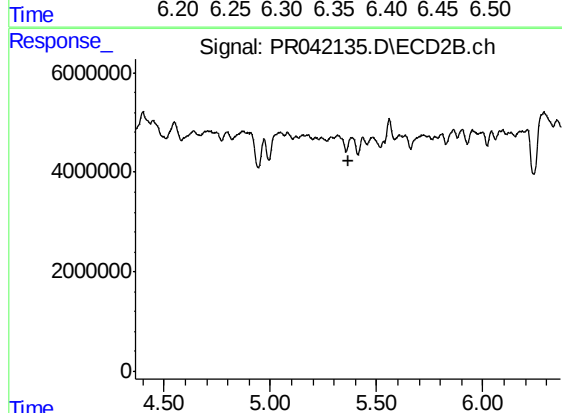
R.T.: 0.000 min
Exp R.T. : 5.321 min
Response: 0
Conc: N.D.



#23 AR-1248-3

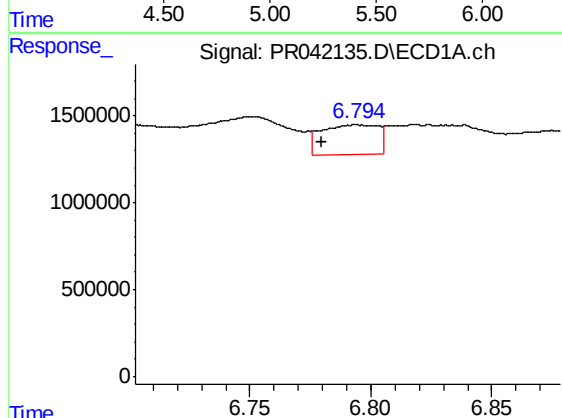
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 7222137
Conc: 55.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



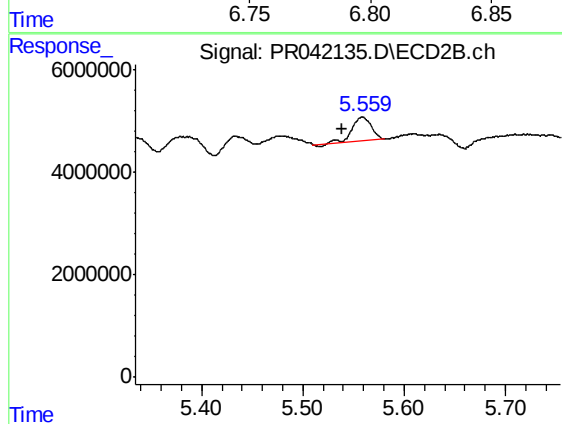
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



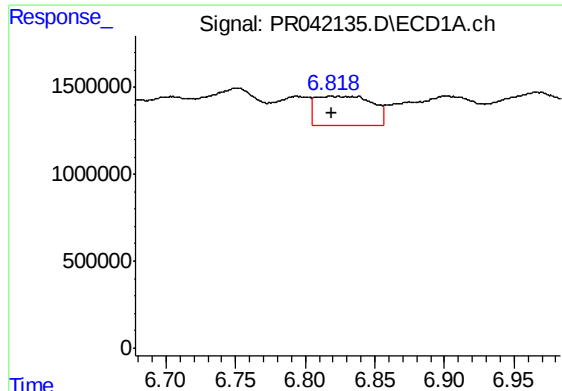
#24 AR-1248-4

R.T.: 6.794 min
Delta R.T.: 0.015 min
Response: 2774144
Conc: 18.08 ng/ml



#24 AR-1248-4

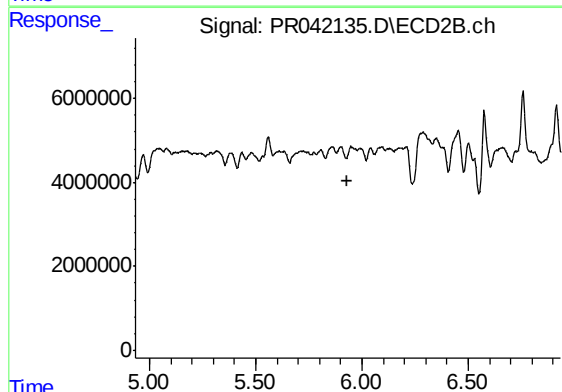
R.T.: 5.559 min
Delta R.T.: 0.020 min
Response: 5944512
Conc: 14.93 ng/ml



#25 AR-1248-5

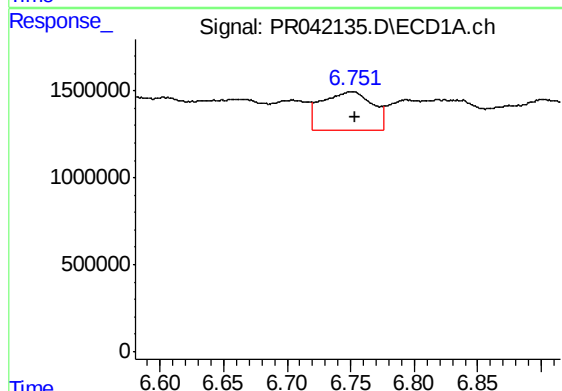
R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 4784031
Conc: 33.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



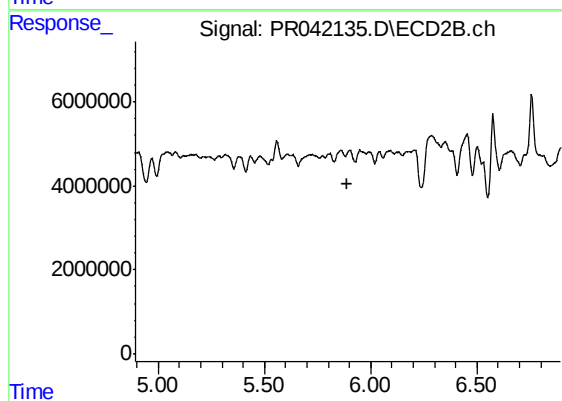
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



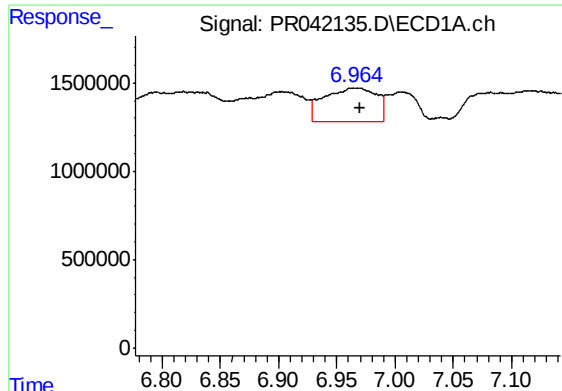
#26 AR-1254-1

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 5996422
Conc: 36.72 ng/ml



#26 AR-1254-1

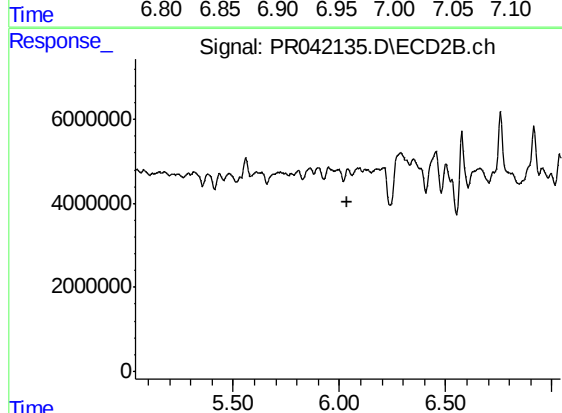
R.T.: 0.000 min
Exp R.T. : 5.893 min
Response: 0
Conc: N.D.



#27 AR-1254-2

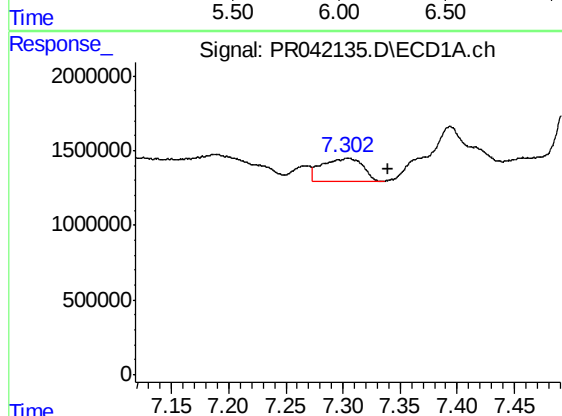
R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 5833701
Conc: 23.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



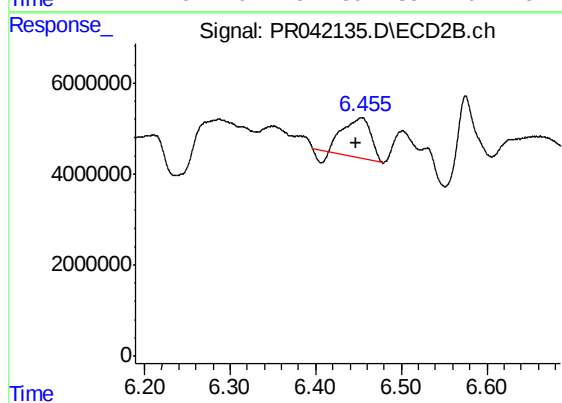
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



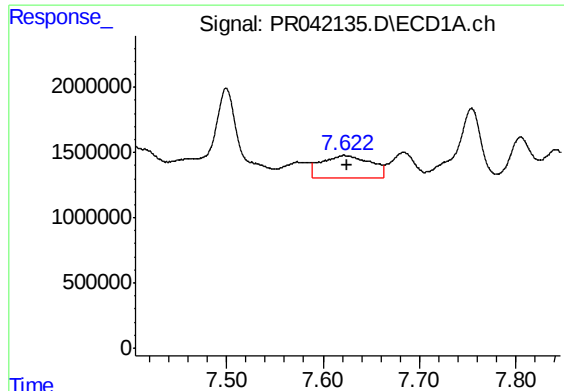
#28 AR-1254-3

R.T.: 7.304 min
Delta R.T.: -0.036 min
Response: 3869272
Conc: 14.34 ng/ml



#28 AR-1254-3

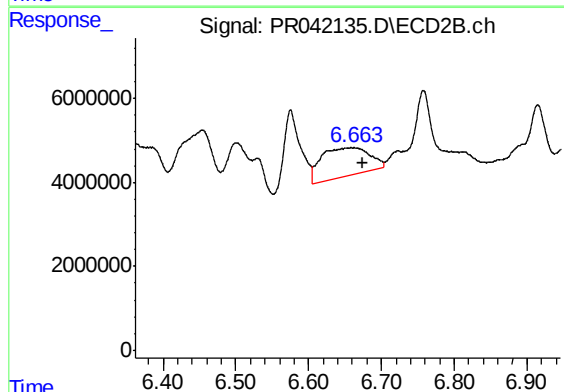
R.T.: 6.455 min
Delta R.T.: 0.008 min
Response: 18916453
Conc: 20.05 ng/ml



#29 AR-1254-4

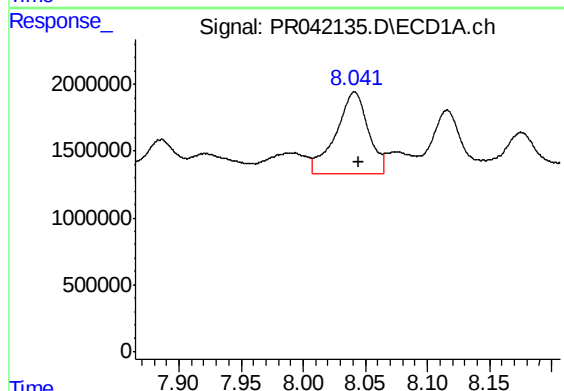
R.T.: 7.622 min
Delta R.T.: -0.004 min
Response: 5933874
Conc: 29.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



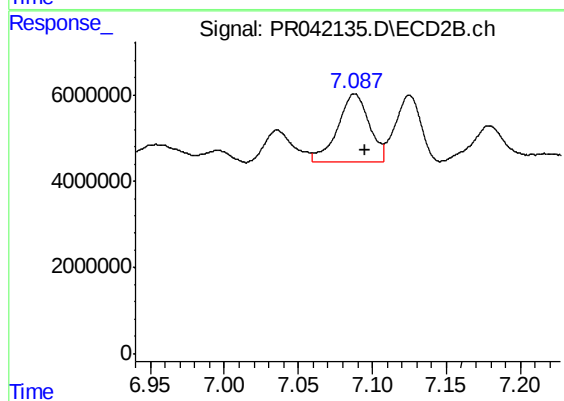
#29 AR-1254-4

R.T.: 6.658 min
Delta R.T.: -0.016 min
Response: 31574838
Conc: 47.69 ng/ml



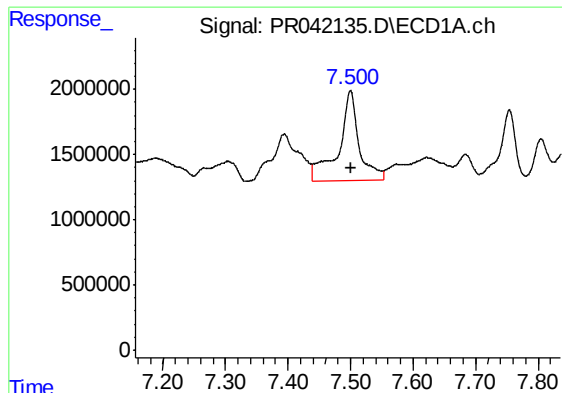
#30 AR-1254-5

R.T.: 8.041 min
Delta R.T.: -0.003 min
Response: 11168068
Conc: 52.52 ng/ml



#30 AR-1254-5

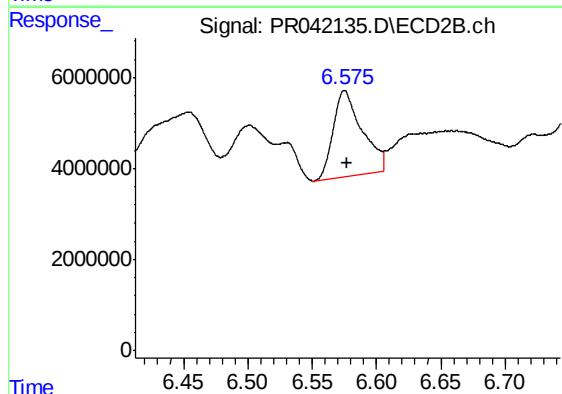
R.T.: 7.088 min
Delta R.T.: -0.007 min
Response: 23602596
Conc: 27.49 ng/ml



#31 AR-1260-1

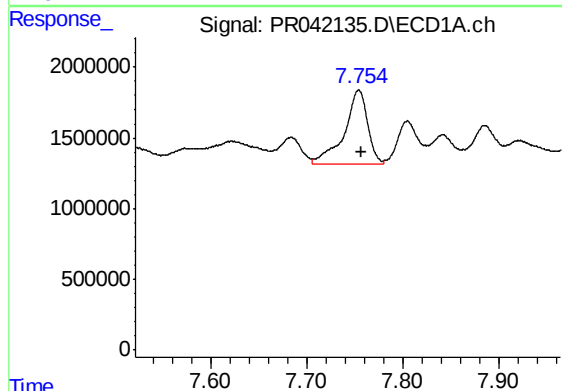
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 15557238
Conc: 82.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



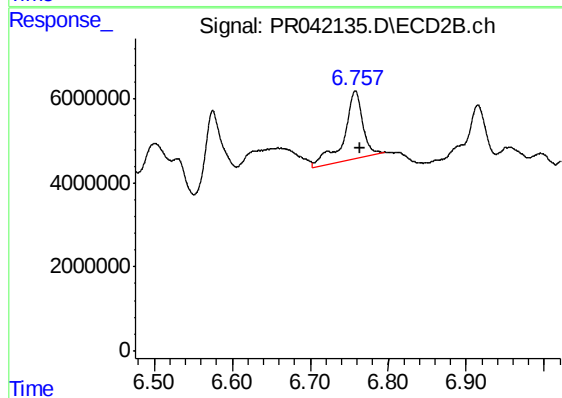
#31 AR-1260-1

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 29256976
Conc: 49.36 ng/ml



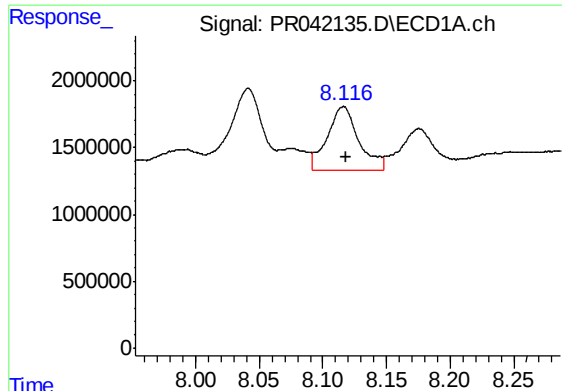
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 8887058
Conc: 37.60 ng/ml



#32 AR-1260-2

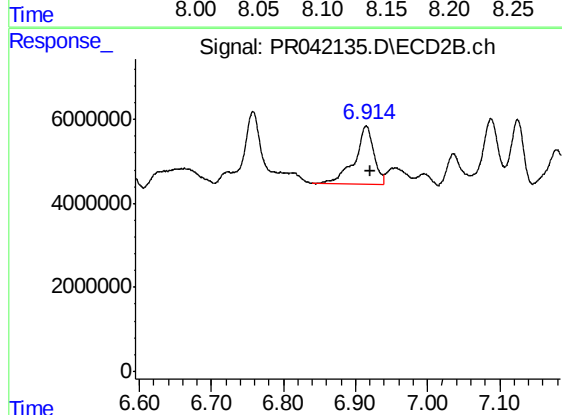
R.T.: 6.758 min
Delta R.T.: -0.006 min
Response: 26986502
Conc: 33.10 ng/ml



#33 AR-1260-3

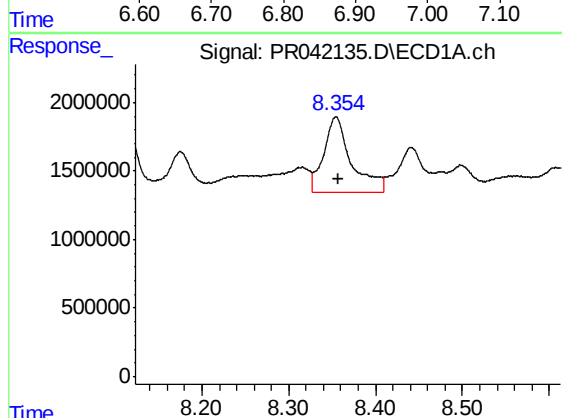
R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 8171916
Conc: 43.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



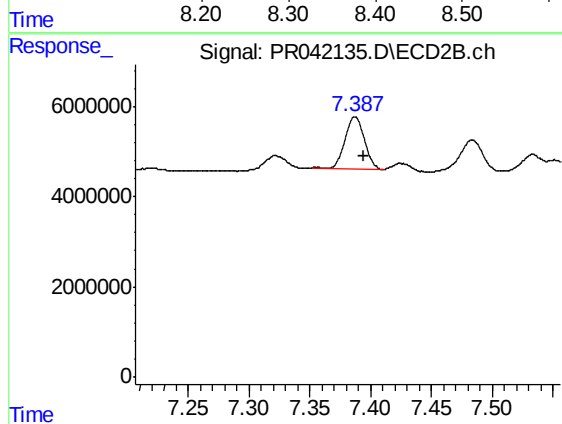
#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 25522747
Conc: 36.92 ng/ml



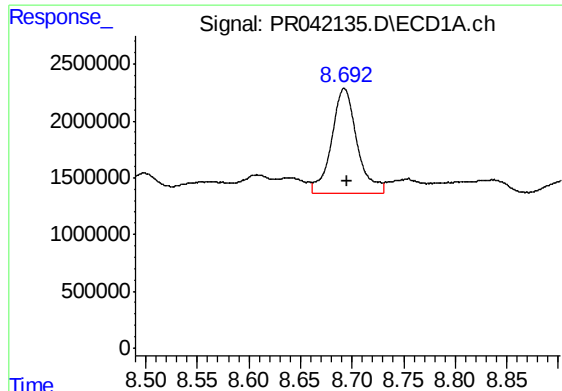
#34 AR-1260-4

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 12209307
Conc: 60.75 ng/ml



#34 AR-1260-4

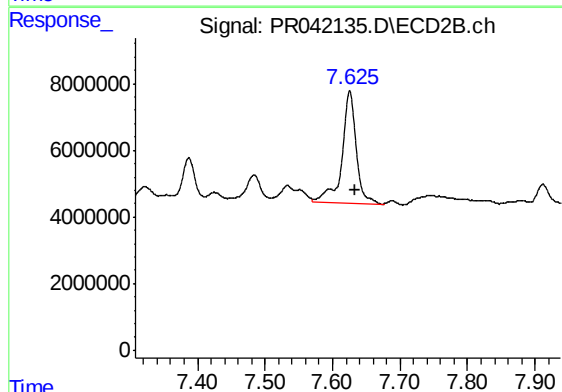
R.T.: 7.387 min
Delta R.T.: -0.007 min
Response: 12736066
Conc: 21.95 ng/ml



#35 AR-1260-5

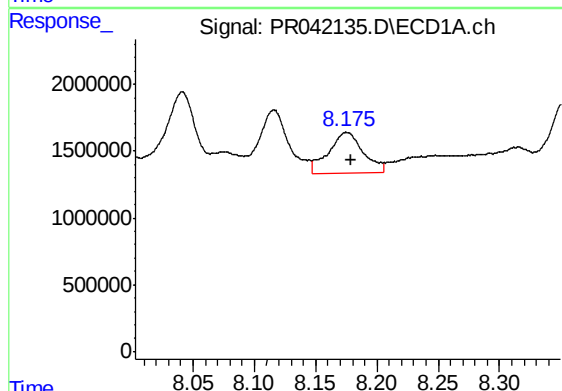
R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 15978697
Conc: 36.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



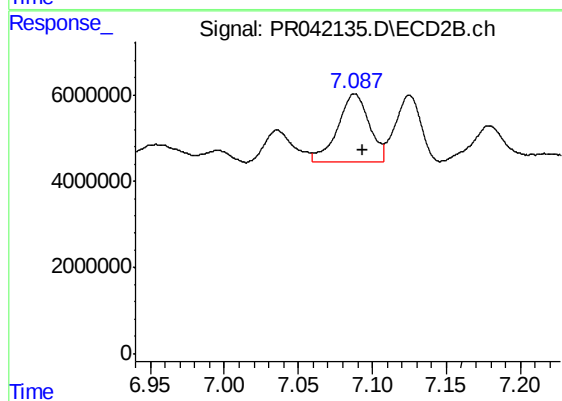
#35 AR-1260-5

R.T.: 7.625 min
Delta R.T.: -0.008 min
Response: 48938337
Conc: 30.10 ng/ml



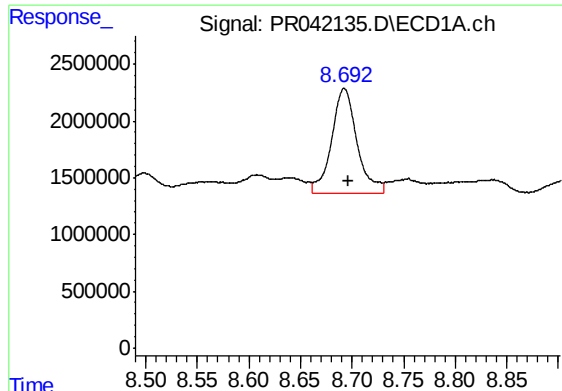
#36 AR-1262-1

R.T.: 8.175 min
Delta R.T.: -0.004 min
Response: 6015255
Conc: 63.90 ng/ml



#36 AR-1262-1

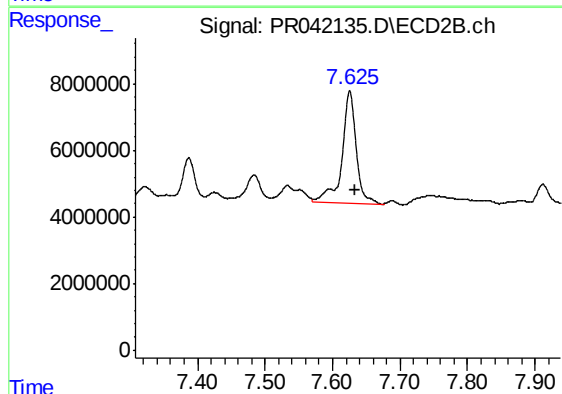
R.T.: 7.088 min
Delta R.T.: -0.005 min
Response: 23602596
Conc: 54.16 ng/ml



#37 AR-1262-2

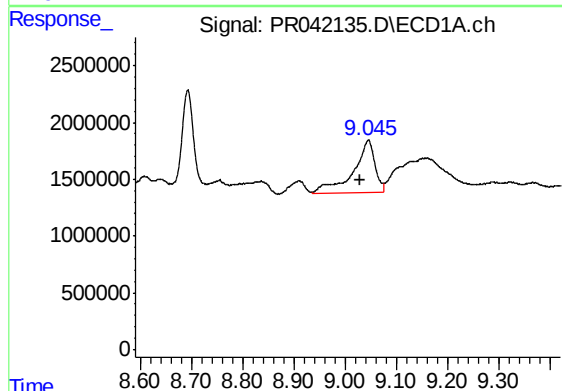
R.T.: 8.692 min
Delta R.T.: -0.004 min
Response: 15978697
Conc: 37.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



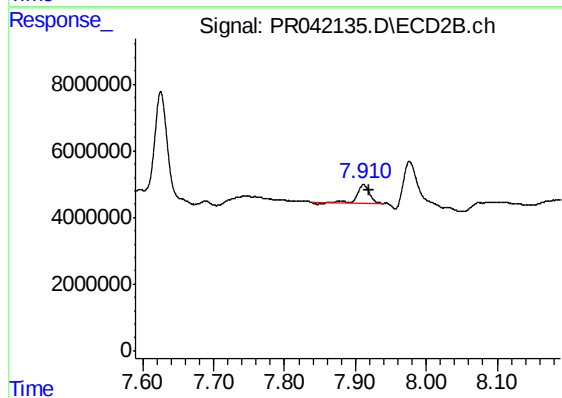
#37 AR-1262-2

R.T.: 7.625 min
Delta R.T.: -0.008 min
Response: 48938337
Conc: 28.43 ng/ml



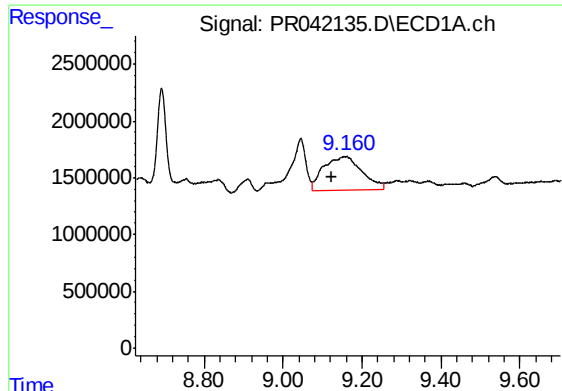
#38 AR-1262-3

R.T.: 9.045 min
Delta R.T.: 0.017 min
Response: 13782015
Conc: 49.44 ng/ml



#38 AR-1262-3

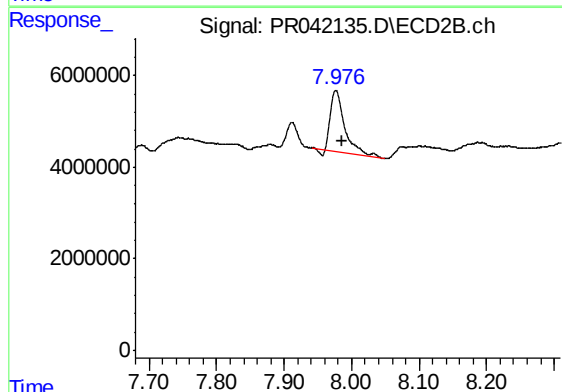
R.T.: 7.911 min
Delta R.T.: -0.008 min
Response: 6561580
Conc: 10.05 ng/ml



#39 AR-1262-4

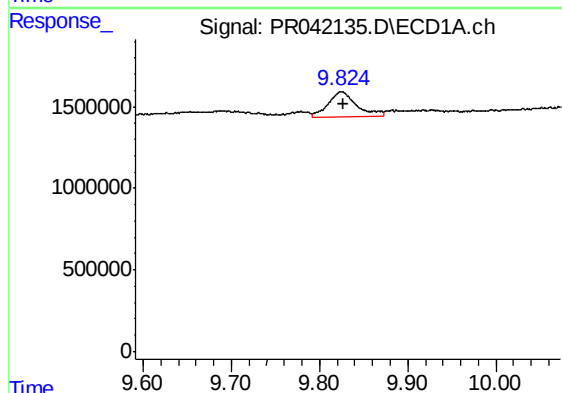
R.T.: 9.160 min
Delta R.T.: 0.036 min
Response: 20076680
Conc: 98.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



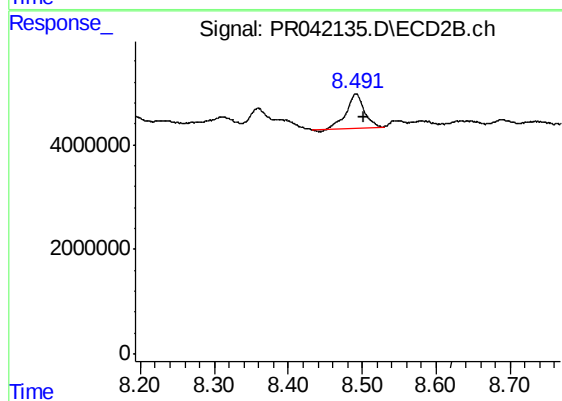
#39 AR-1262-4

R.T.: 7.976 min
Delta R.T.: -0.009 min
Response: 19512196
Conc: 16.70 ng/ml



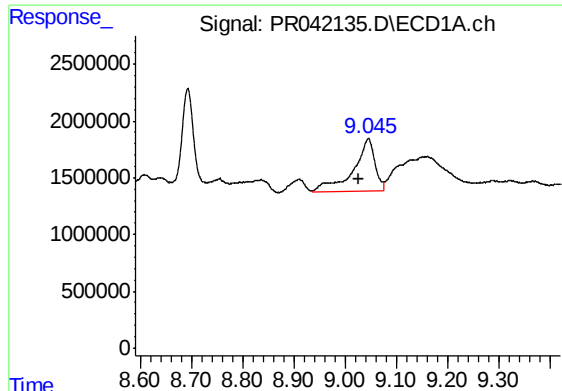
#40 AR-1262-5

R.T.: 9.824 min
Delta R.T.: -0.003 min
Response: 3474701
Conc: 24.09 ng/ml



#40 AR-1262-5

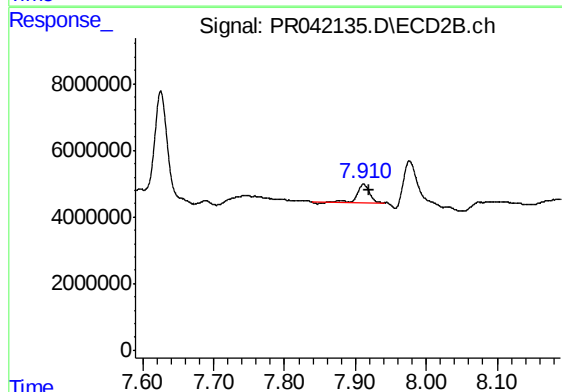
R.T.: 8.491 min
Delta R.T.: -0.010 min
Response: 11235209
Conc: 21.00 ng/ml



#41 AR-1268-1

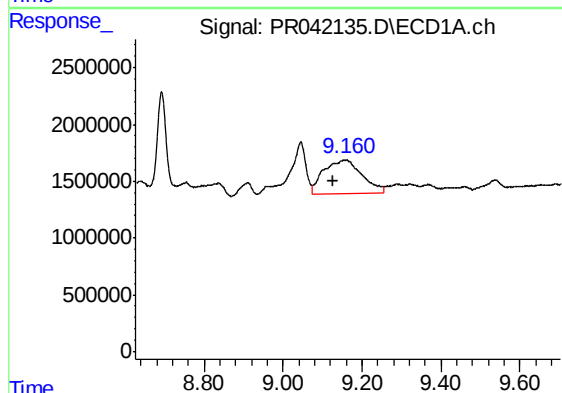
R.T.: 9.045 min
Delta R.T.: 0.020 min
Response: 13782015
Conc: 25.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



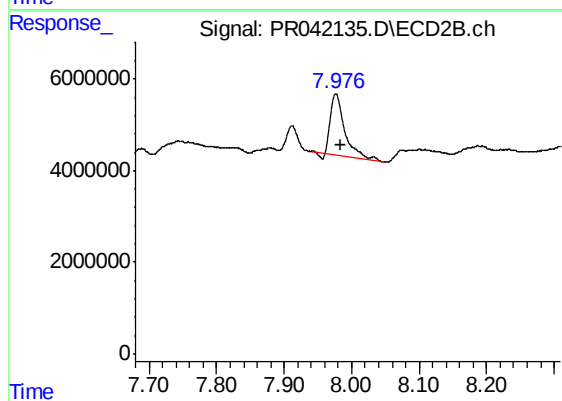
#41 AR-1268-1

R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 6561580
Conc: 2.99 ng/ml



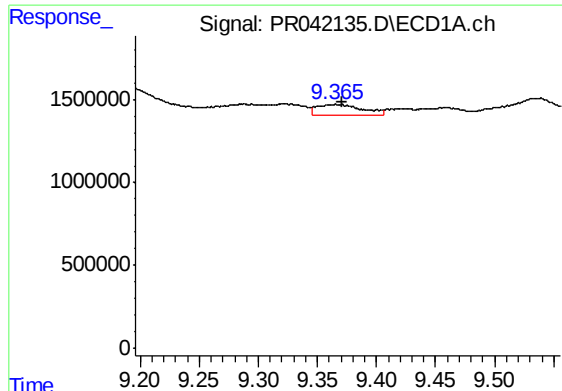
#42 AR-1268-2

R.T.: 9.160 min
Delta R.T.: 0.033 min
Response: 20076680
Conc: 40.38 ng/ml



#42 AR-1268-2

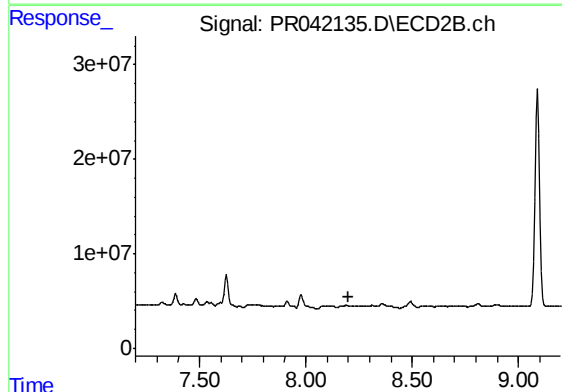
R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 19512196
Conc: 9.81 ng/ml



#43 AR-1268-3

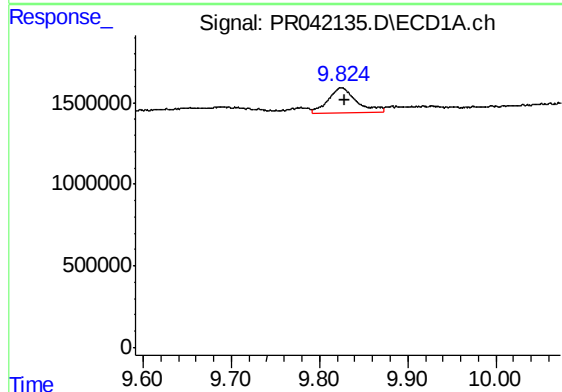
R.T.: 9.366 min
Delta R.T.: -0.005 min
Response: 1704541
Conc: 4.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



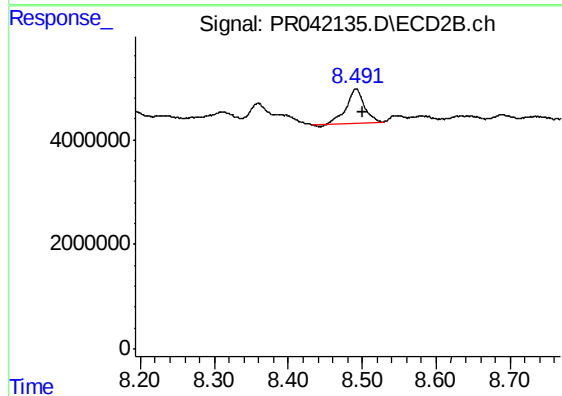
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.198 min
Response: 0
Conc: N.D.



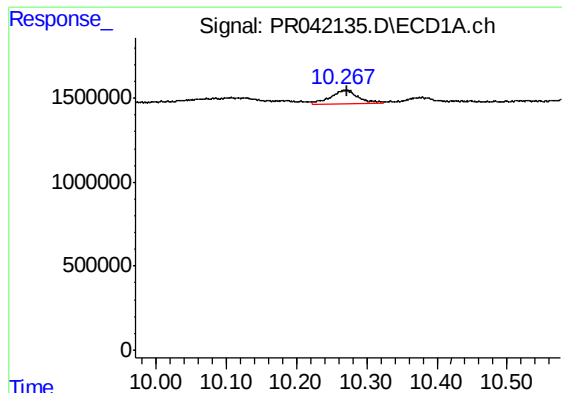
#44 AR-1268-4

R.T.: 9.824 min
Delta R.T.: -0.003 min
Response: 3474701
Conc: 19.80 ng/ml



#44 AR-1268-4

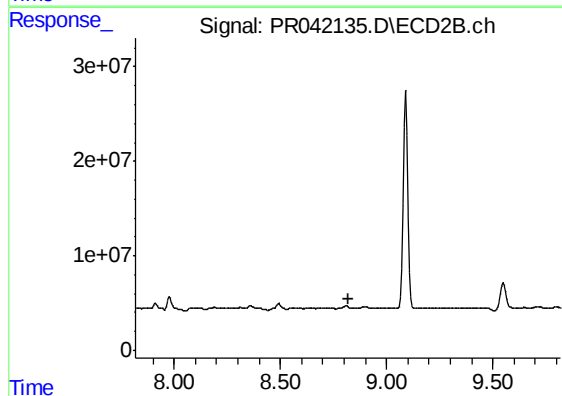
R.T.: 8.491 min
Delta R.T.: -0.008 min
Response: 11235209
Conc: 17.41 ng/ml



#45 AR-1268-5

R.T.: 10.268 min
Delta R.T.: -0.004 min
Response: 2056581
Conc: 1.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AB3



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.818 min
Response: 0
Conc: N.D.