

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121319\
 Data File : PR043788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2019 11:03
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1248365

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 12:57:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.705	3.961	123.6E6	157.7E6	22.228	20.418
2)	SA Decachlor...	10.614	9.053	167.9E6	368.9E6	44.599	37.278
Target Compounds							
3)	L1 AR-1016-1	5.883	5.055	48986539	98378804	252.999	241.305
4)	L1 AR-1016-2	5.906	5.075	57880109	103.0E6	211.386	184.413
5)	L1 AR-1016-3	5.969	5.255	29180880	64835896	177.192	217.018
6)	L1 AR-1016-4	6.068	5.293	32305412	129.3E6	234.575	537.627 #
7)	L1 AR-1016-5	6.363	5.509	77094280	164.6E6	557.931	518.224
8)	L2 AR-1221-1	4.906	0.000	3260131	0	56.830	N.D. #
9)	L2 AR-1221-2	5.012	4.264	4348584	3567138	106.409	58.269 #
10)	L2 AR-1221-3	5.080	4.337	7981744	9401472	58.074	43.033 #
11)	L3 AR-1232-1	5.080	4.337	7981744	9401472	74.256	55.732
12)	L3 AR-1232-2	5.614	5.075	22595583	103.0E6	408.261	441.436
13)	L3 AR-1232-3	5.906	5.255	57880109	64835896	510.429	529.825
14)	L3 AR-1232-4	6.068	5.336	32305412	131.3E6	555.792	1237.310 #
15)	L3 AR-1232-5	6.155	5.509	68074312	164.6E6	1524.647	1374.244
16)	L4 AR-1242-1	5.883	5.055	48986539	98378804	301.352	297.542
17)	L4 AR-1242-2	5.906	5.075	57880109	103.0E6	253.729	225.325
18)	L4 AR-1242-3	5.969	5.255	29180880	64835896	212.149	266.031 #
19)	L4 AR-1242-4	6.068	5.336	32305412	131.3E6	281.436	557.533 #
20)	L4 AR-1242-5	6.806	5.862	85596822	259.3E6	672.934	760.565
21)	L5 AR-1248-1	5.883	5.055	48986539	98378804	412.716	402.039
22)	L5 AR-1248-2	6.155	5.293	68074312	129.3E6	417.833	398.794
23)	L5 AR-1248-3	6.363	5.336	77094280	131.3E6	424.594	398.798
24)	L5 AR-1248-4	6.767	5.509	90106104	164.6E6	430.433	396.893
25)	L5 AR-1248-5	6.806	5.903	85596822	177.8E6	431.141	399.965
26)	L6 AR-1254-1	6.740	5.862	68736558	259.3E6	314.482	363.907
27)	L6 AR-1254-2	6.965	6.009	87721242	74372533	260.137	116.274 #
28)	L6 AR-1254-3	7.328	6.416	48037671	120.5E6	137.339	119.021
29)	L6 AR-1254-4	7.613	6.643	28486985	114.7E6	114.002	159.276 #
30)	L6 AR-1254-5	8.033	7.066	8330629	16873954	32.327	19.808 #
31)	L7 AR-1260-1	7.490	6.563	5856064	49282310	23.500	72.743 #
32)	L7 AR-1260-2	7.740	6.733	7493853	32662068	25.224	33.712 #
33)	L7 AR-1260-3	8.104	6.888	2569079	54372704	11.596	69.625 #
34)	L7 AR-1260-4	8.338	7.360	6168275	9690450	24.522	15.275 #
35)	L7 AR-1260-5	8.681	7.600	4010755	11585671	8.317	6.807
36)	L8 AR-1262-1	8.169	7.066	548556	16873954	4.121	34.124 #
37)	L8 AR-1262-2	8.681	7.600	4010755	11585671	7.041	6.089
38)	L8 AR-1262-3	8.999	7.951f	245452	21528662	0.678	28.224 #
39)	L8 AR-1262-4	9.108	7.951	1408897	21528662	5.293	17.343 #
40)	L8 AR-1262-5	9.808	8.461	1786840	16122208	9.489	28.287 #
41)	L9 AR-1268-1	8.999	7.951f	245452	21528662	0.384	10.032 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121319\
 Data File : PR043788.D
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 Acq On : 13 Dec 2019 11:03
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

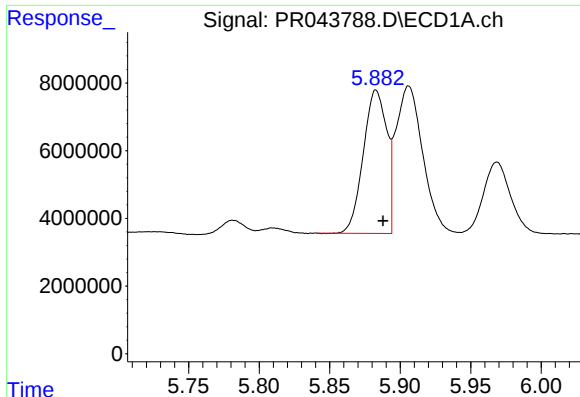
Instrument :
 ECD_R
 ClientSampleId :
 AR1248365

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 12:57:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
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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
42) L9	AR-1268-2	9.108	7.951	1408897	21528662	2.445	11.865 #
43) L9	AR-1268-3	9.356	8.162	3035712	22635679	6.448	14.702 #
44) L9	AR-1268-4	9.808	8.461	1786840	16122208	8.745	26.291 #
45) L9	AR-1268-5	10.255	8.777	2818848	27452464	1.803	6.488 #

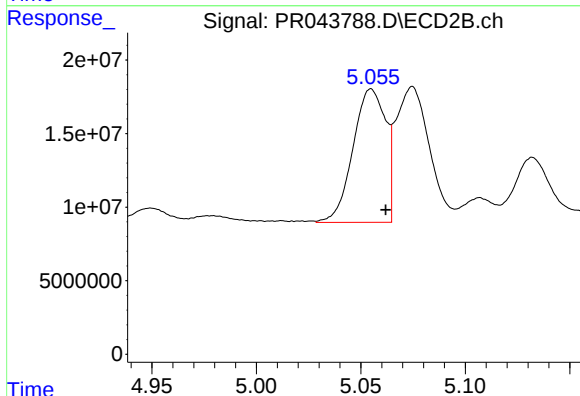
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

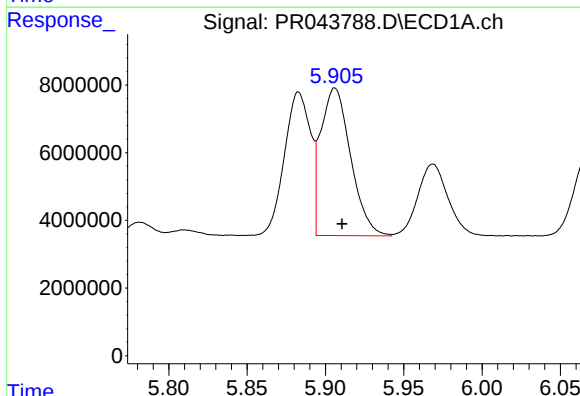
R.T.: 5.883 min
Delta R.T.: -0.005 min
Response: 48986539
Conc: 253.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



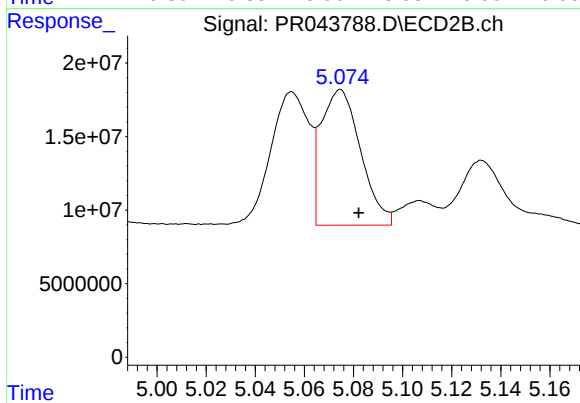
#3 AR-1016-1

R.T.: 5.055 min
Delta R.T.: -0.007 min
Response: 98378804
Conc: 241.30 ng/ml



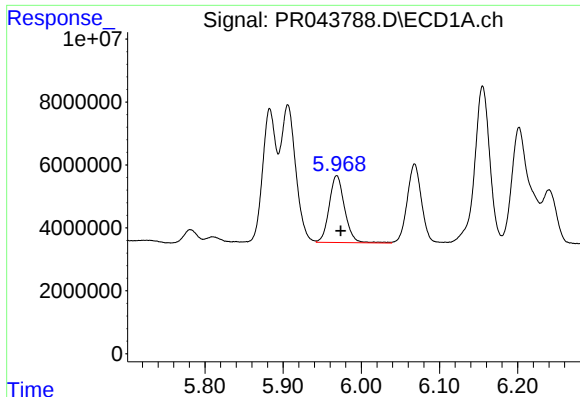
#4 AR-1016-2

R.T.: 5.906 min
Delta R.T.: -0.005 min
Response: 57880109
Conc: 211.39 ng/ml



#4 AR-1016-2

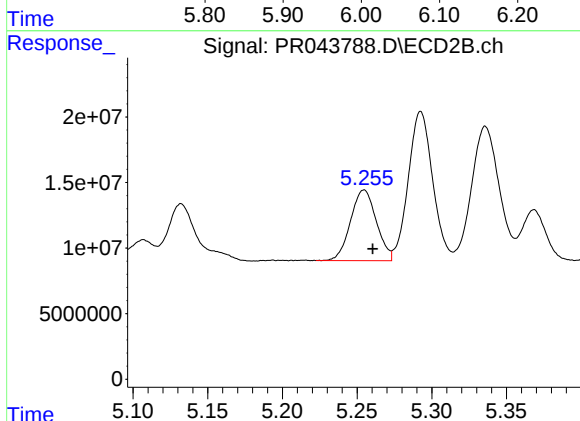
R.T.: 5.075 min
Delta R.T.: -0.007 min
Response: 103007056
Conc: 184.41 ng/ml



#5 AR-1016-3

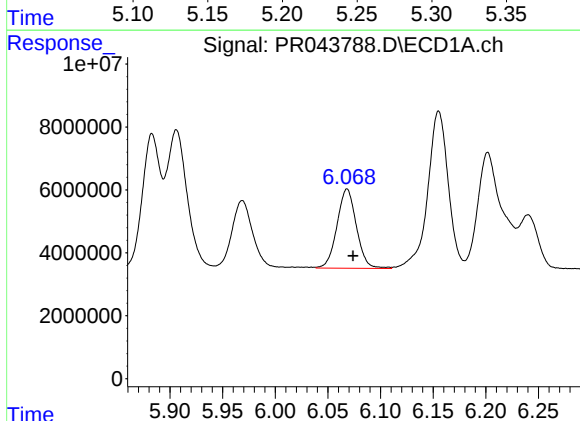
R.T.: 5.969 min
Delta R.T.: -0.005 min
Response: 29180880
Conc: 177.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



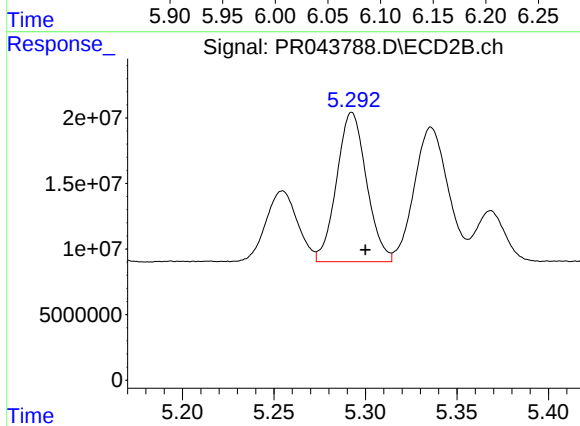
#5 AR-1016-3

R.T.: 5.255 min
Delta R.T.: -0.006 min
Response: 64835896
Conc: 217.02 ng/ml



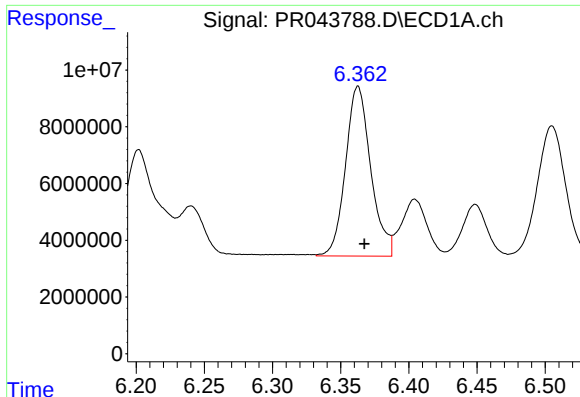
#6 AR-1016-4

R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 32305412
Conc: 234.57 ng/ml



#6 AR-1016-4

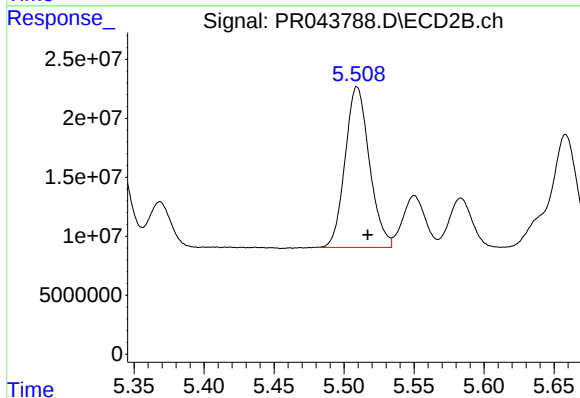
R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 129319199
Conc: 537.63 ng/ml



#7 AR-1016-5

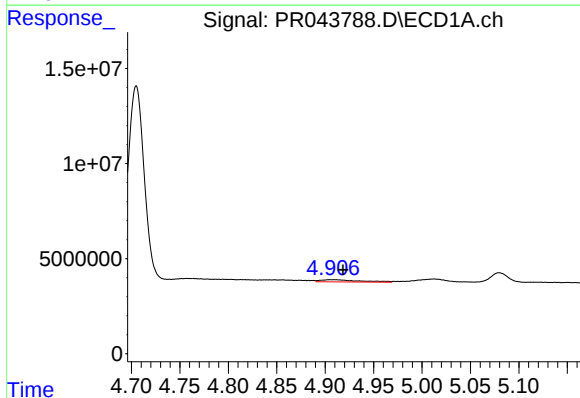
R.T.: 6.363 min
Delta R.T.: -0.005 min
Response: 77094280
Conc: 557.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



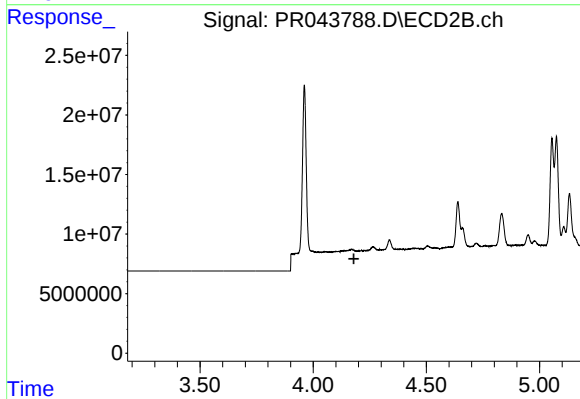
#7 AR-1016-5

R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 164550453
Conc: 518.22 ng/ml



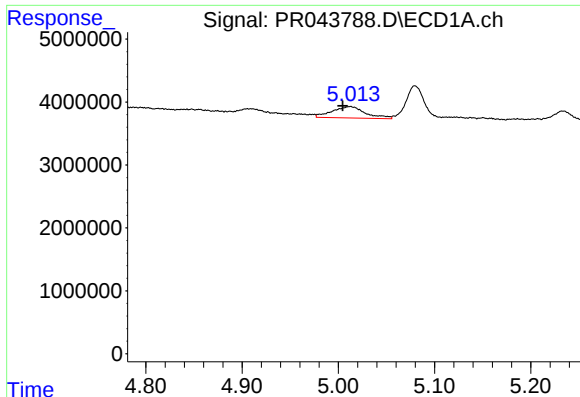
#8 AR-1221-1

R.T.: 4.906 min
Delta R.T.: -0.013 min
Response: 3260131
Conc: 56.83 ng/ml



#8 AR-1221-1

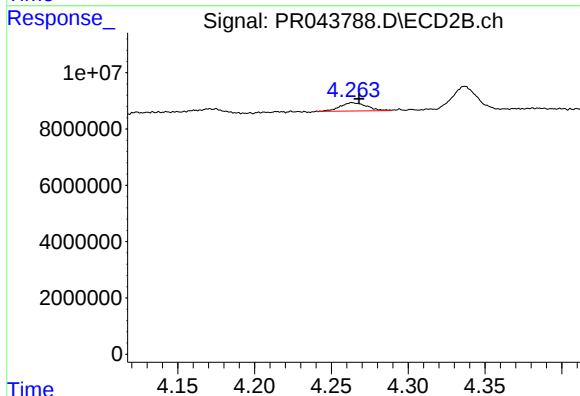
R.T.: 0.000 min
Exp R.T.: 4.180 min
Response: 0
Conc: N.D.



#9 AR-1221-2

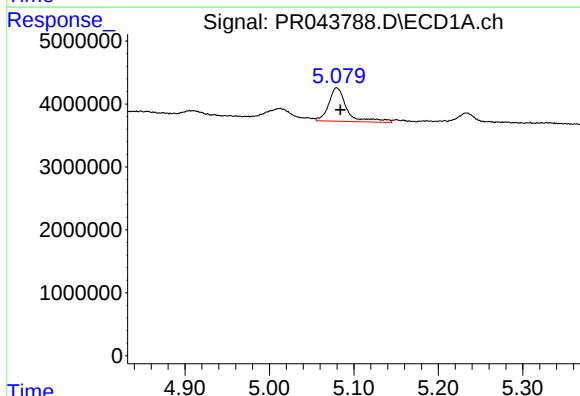
R.T.: 5.012 min
Delta R.T.: 0.008 min
Response: 4348584
Conc: 106.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



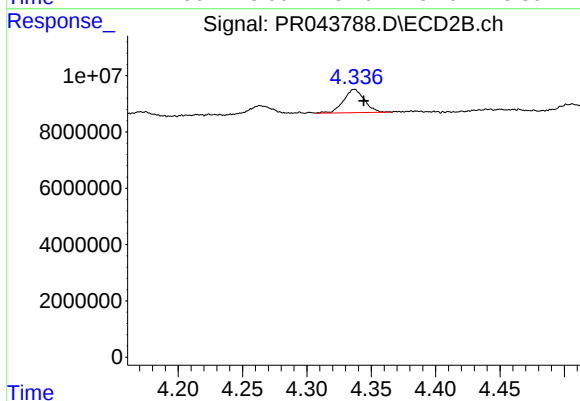
#9 AR-1221-2

R.T.: 4.264 min
Delta R.T.: -0.005 min
Response: 3567138
Conc: 58.27 ng/ml



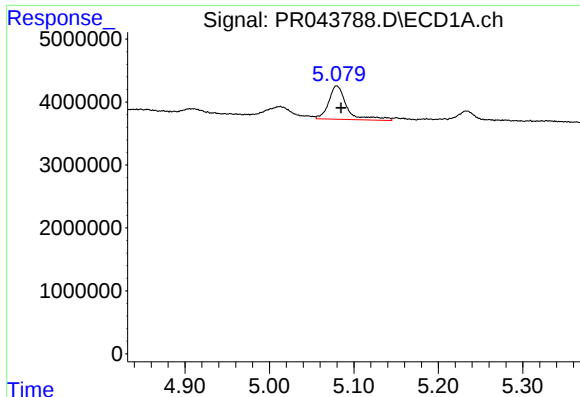
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 7981744
Conc: 58.07 ng/ml



#10 AR-1221-3

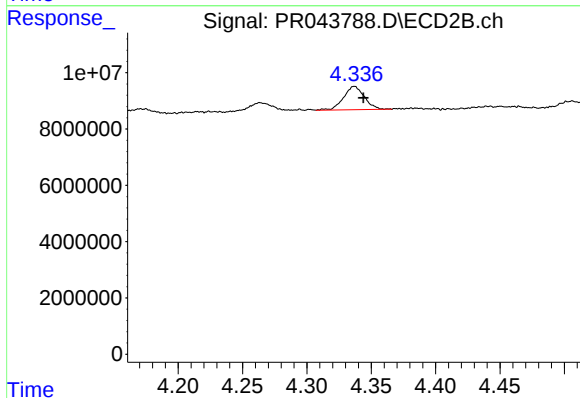
R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 9401472
Conc: 43.03 ng/ml



#11 AR-1232-1

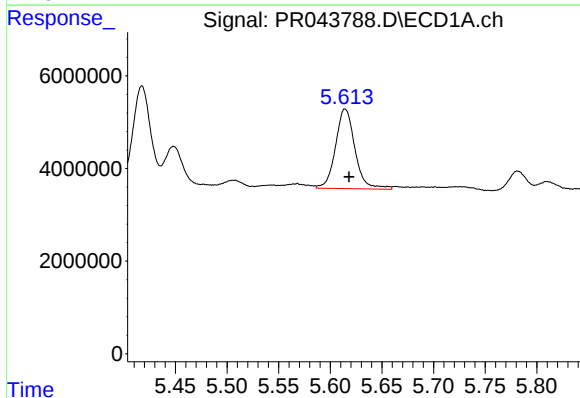
R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 7981744
Conc: 74.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



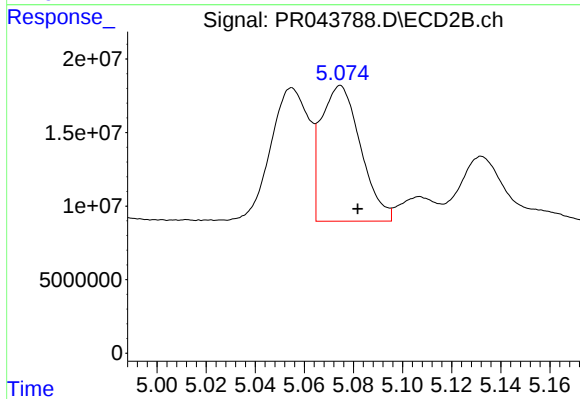
#11 AR-1232-1

R.T.: 4.337 min
Delta R.T.: -0.007 min
Response: 9401472
Conc: 55.73 ng/ml



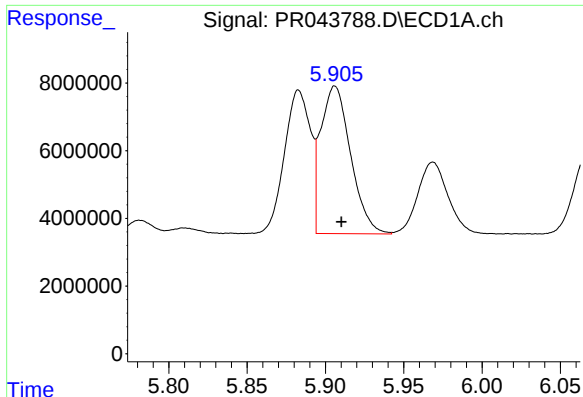
#12 AR-1232-2

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 22595583
Conc: 408.26 ng/ml



#12 AR-1232-2

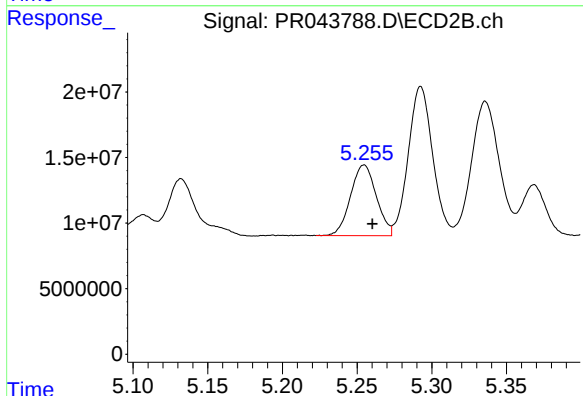
R.T.: 5.075 min
Delta R.T.: -0.007 min
Response: 103007056
Conc: 441.44 ng/ml



#13 AR-1232-3

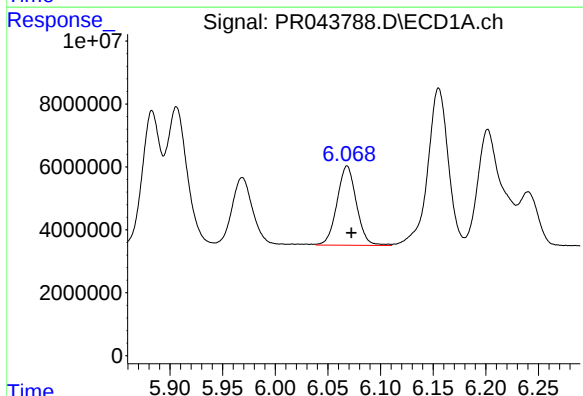
R.T.: 5.906 min
Delta R.T.: -0.004 min
Response: 57880109
Conc: 510.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



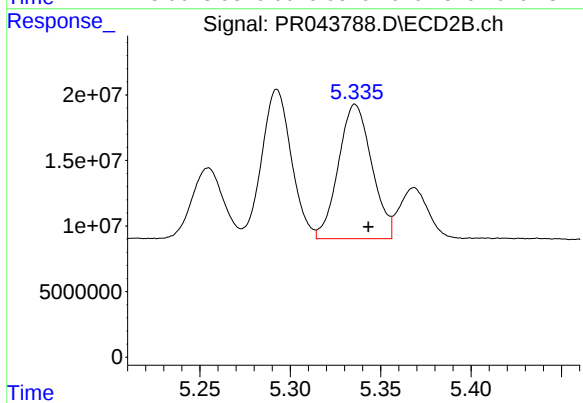
#13 AR-1232-3

R.T.: 5.255 min
Delta R.T.: -0.006 min
Response: 64835896
Conc: 529.82 ng/ml



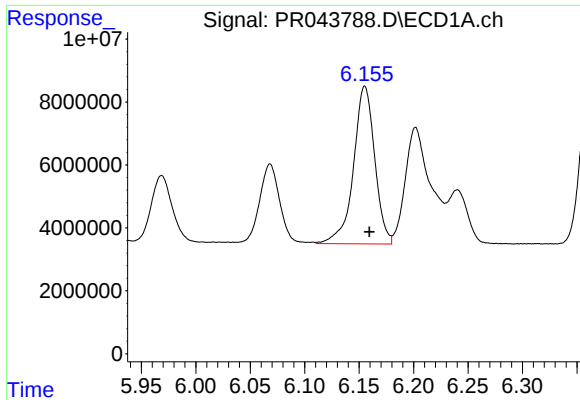
#14 AR-1232-4

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 32305412
Conc: 555.79 ng/ml



#14 AR-1232-4

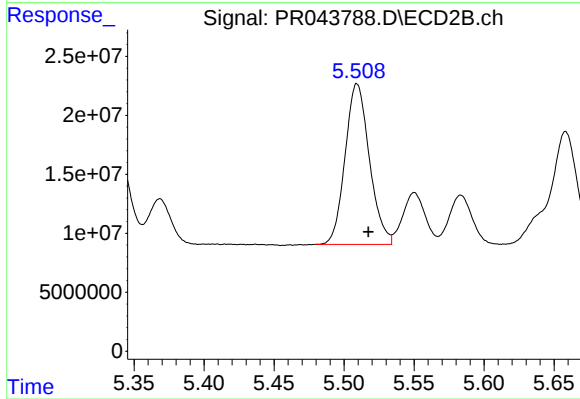
R.T.: 5.336 min
Delta R.T.: -0.007 min
Response: 131341072
Conc: 1237.31 ng/ml



#15 AR-1232-5

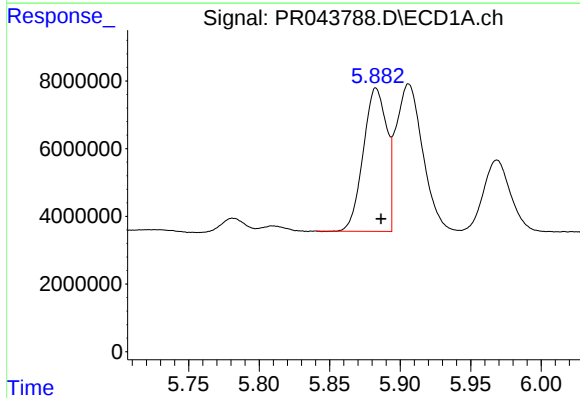
R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 68074312
Conc: 1524.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



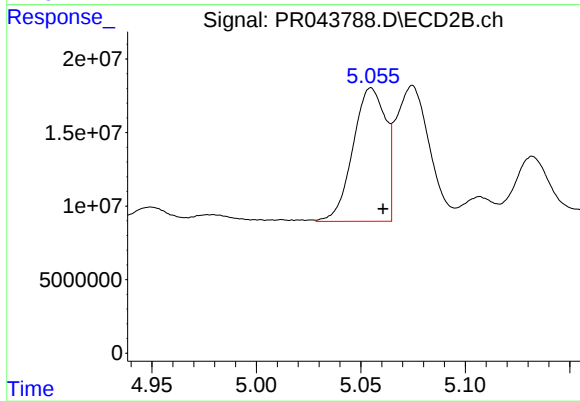
#15 AR-1232-5

R.T.: 5.509 min
Delta R.T.: -0.008 min
Response: 164550453
Conc: 1374.24 ng/ml



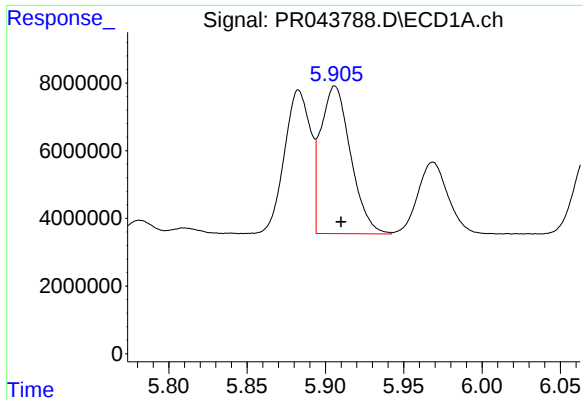
#16 AR-1242-1

R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 48986539
Conc: 301.35 ng/ml



#16 AR-1242-1

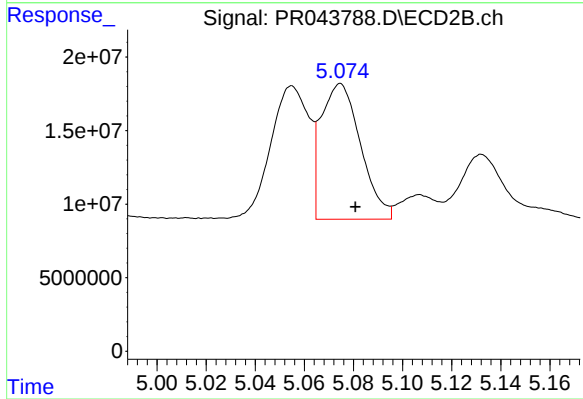
R.T.: 5.055 min
Delta R.T.: -0.006 min
Response: 98378804
Conc: 297.54 ng/ml



#17 AR-1242-2

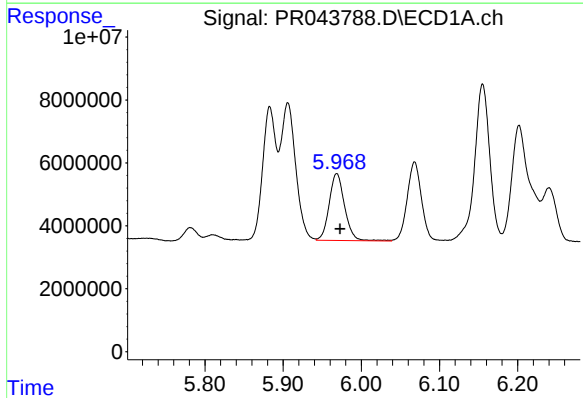
R.T.: 5.906 min
Delta R.T.: -0.004 min
Response: 57880109
Conc: 253.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



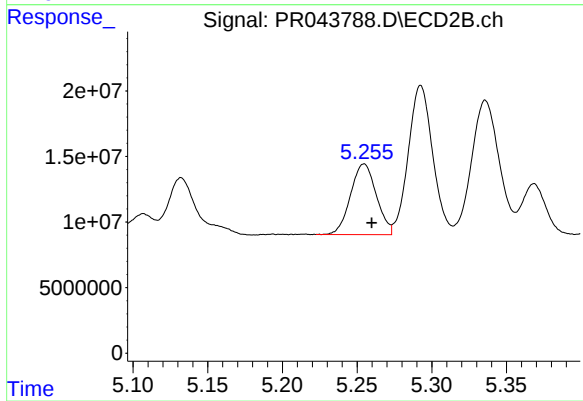
#17 AR-1242-2

R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 103007056
Conc: 225.33 ng/ml



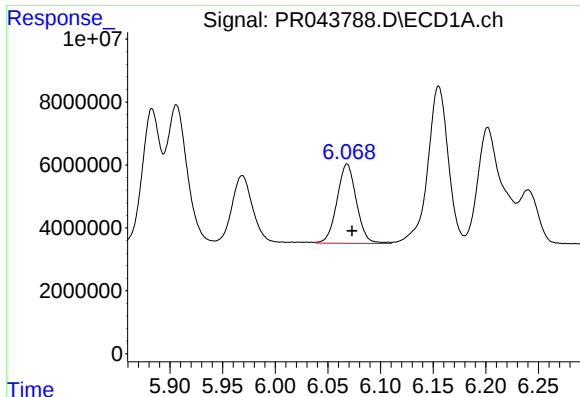
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 29180880
Conc: 212.15 ng/ml



#18 AR-1242-3

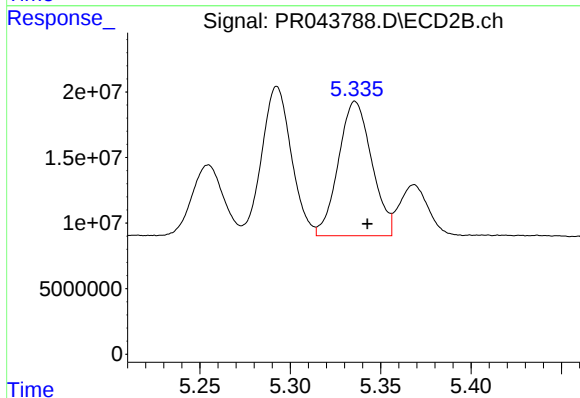
R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 64835896
Conc: 266.03 ng/ml



#19 AR-1242-4

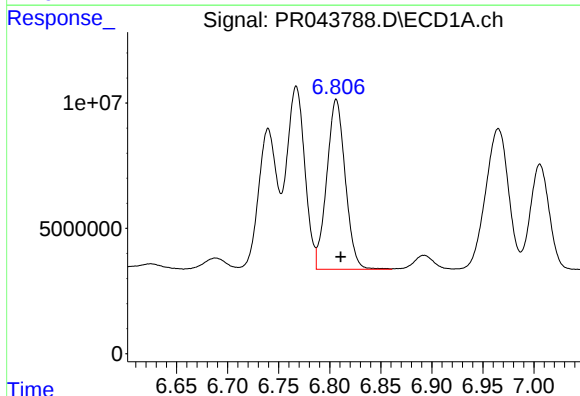
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 32305412
Conc: 281.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



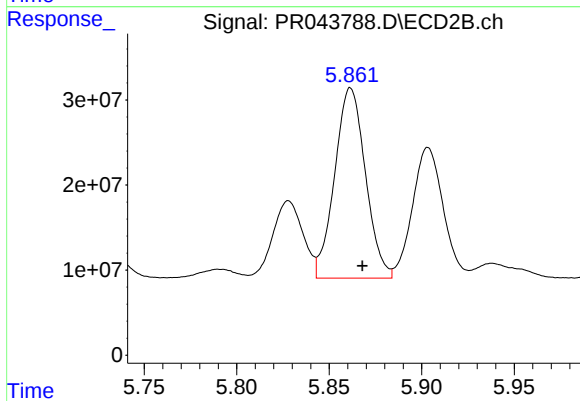
#19 AR-1242-4

R.T.: 5.336 min
Delta R.T.: -0.007 min
Response: 131341072
Conc: 557.53 ng/ml



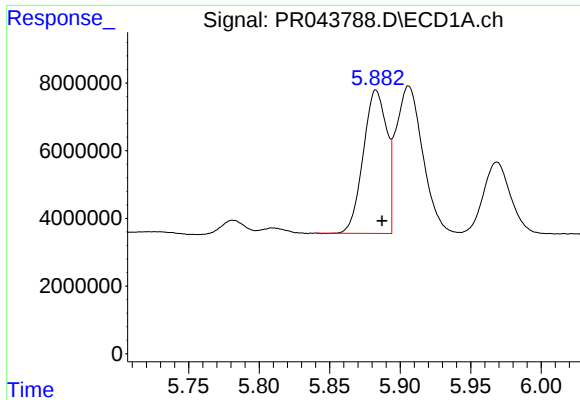
#20 AR-1242-5

R.T.: 6.806 min
Delta R.T.: -0.004 min
Response: 85596822
Conc: 672.93 ng/ml



#20 AR-1242-5

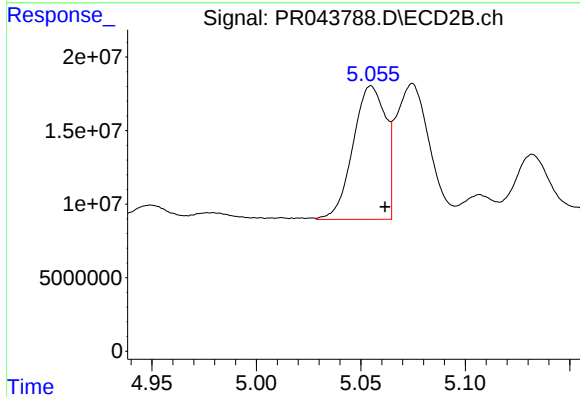
R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 259271969
Conc: 760.56 ng/ml



#21 AR-1248-1

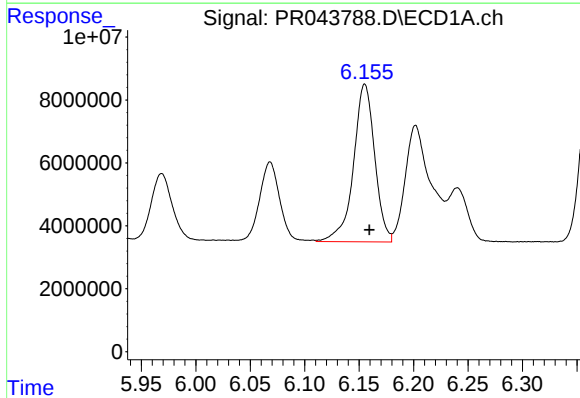
R.T.: 5.883 min
Delta R.T.: -0.004 min
Response: 48986539
Conc: 412.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



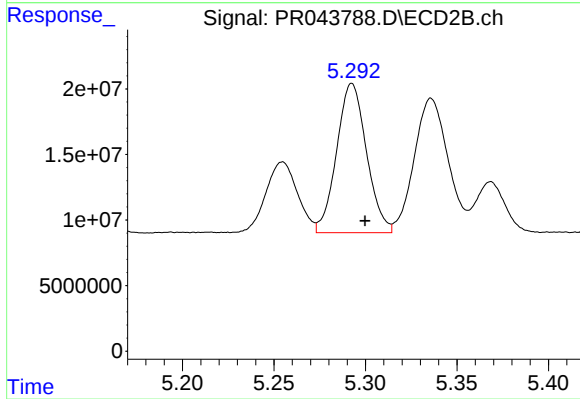
#21 AR-1248-1

R.T.: 5.055 min
Delta R.T.: -0.007 min
Response: 98378804
Conc: 402.04 ng/ml



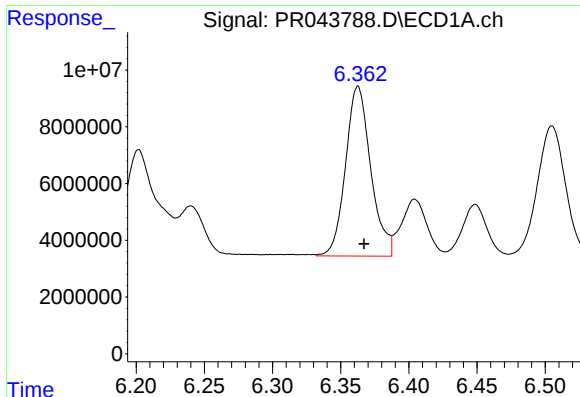
#22 AR-1248-2

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 68074312
Conc: 417.83 ng/ml



#22 AR-1248-2

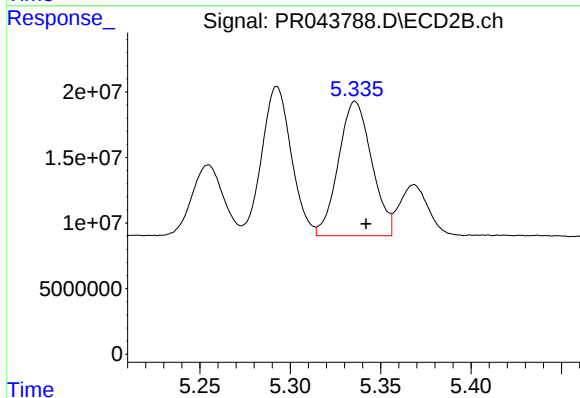
R.T.: 5.293 min
Delta R.T.: -0.007 min
Response: 129319199
Conc: 398.79 ng/ml



#23 AR-1248-3

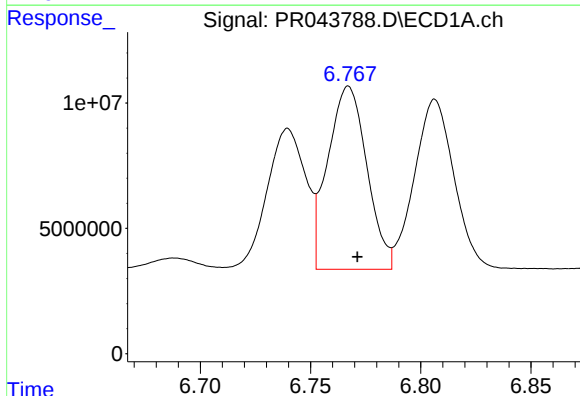
R.T.: 6.363 min
Delta R.T.: -0.004 min
Response: 77094280
Conc: 424.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



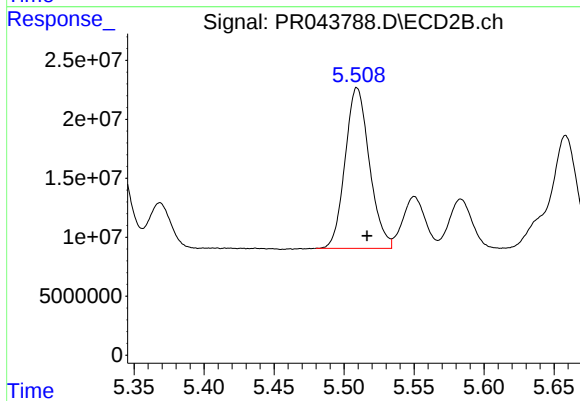
#23 AR-1248-3

R.T.: 5.336 min
Delta R.T.: -0.006 min
Response: 131341072
Conc: 398.80 ng/ml



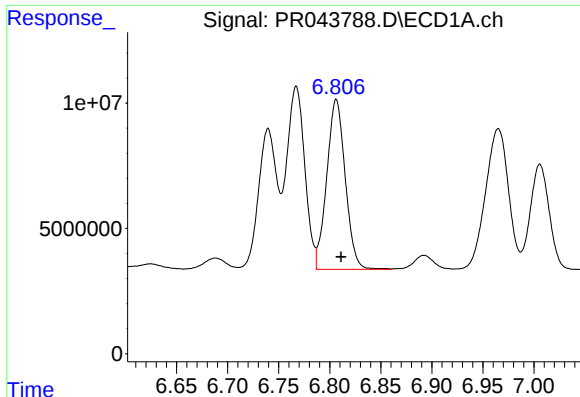
#24 AR-1248-4

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 90106104
Conc: 430.43 ng/ml



#24 AR-1248-4

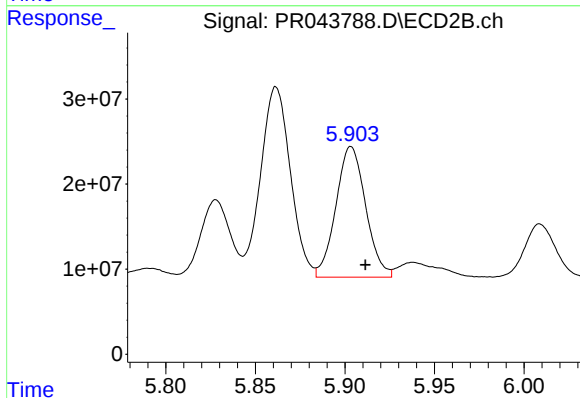
R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 164550453
Conc: 396.89 ng/ml



#25 AR-1248-5

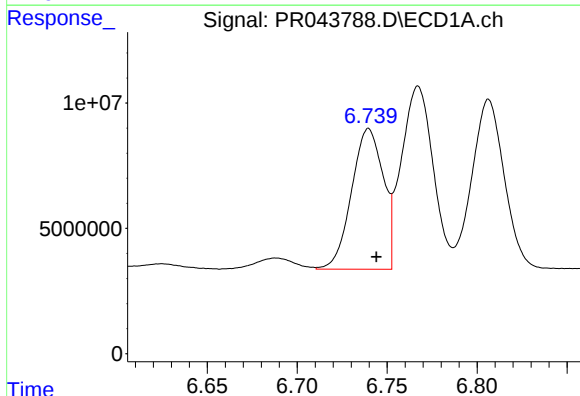
R.T.: 6.806 min
Delta R.T.: -0.005 min
Response: 85596822
Conc: 431.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



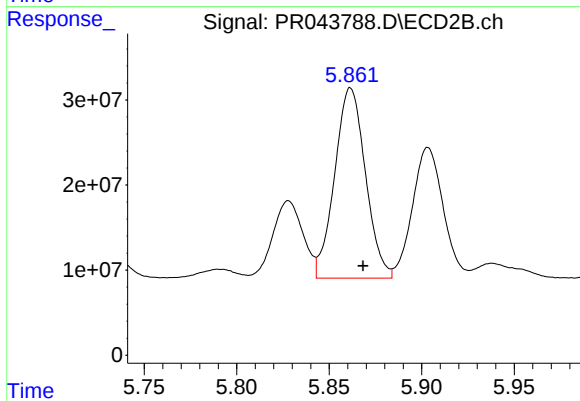
#25 AR-1248-5

R.T.: 5.903 min
Delta R.T.: -0.008 min
Response: 177765461
Conc: 399.97 ng/ml



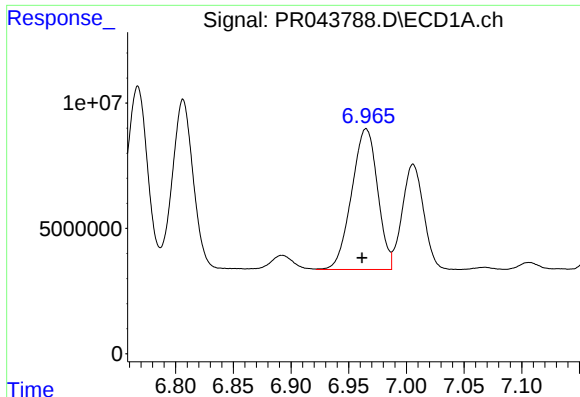
#26 AR-1254-1

R.T.: 6.740 min
Delta R.T.: -0.004 min
Response: 68736558
Conc: 314.48 ng/ml



#26 AR-1254-1

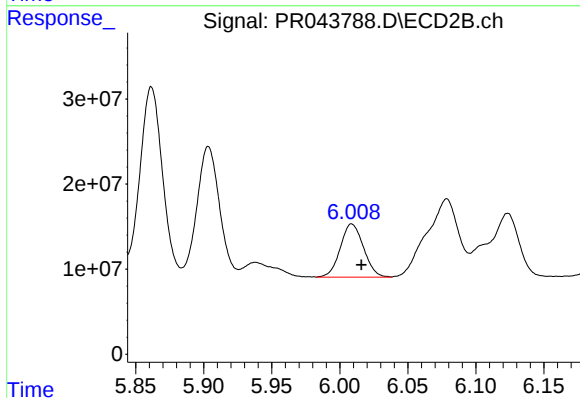
R.T.: 5.862 min
Delta R.T.: -0.007 min
Response: 259271969
Conc: 363.91 ng/ml



#27 AR-1254-2

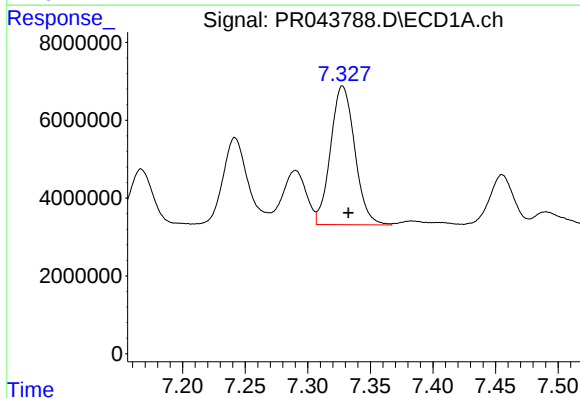
R.T.: 6.965 min
Delta R.T.: 0.004 min
Response: 87721242
Conc: 260.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



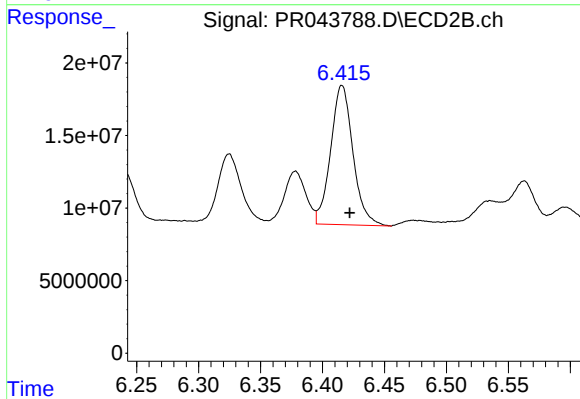
#27 AR-1254-2

R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 74372533
Conc: 116.27 ng/ml



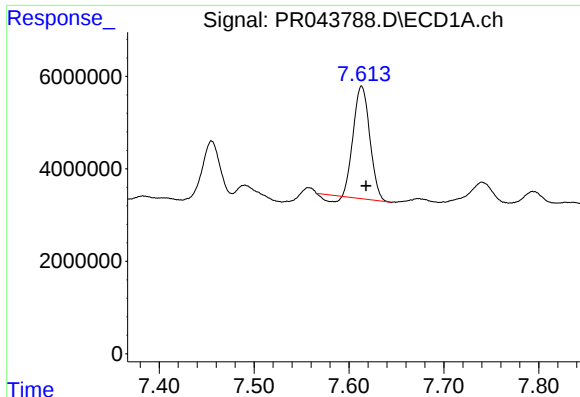
#28 AR-1254-3

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 48037671
Conc: 137.34 ng/ml



#28 AR-1254-3

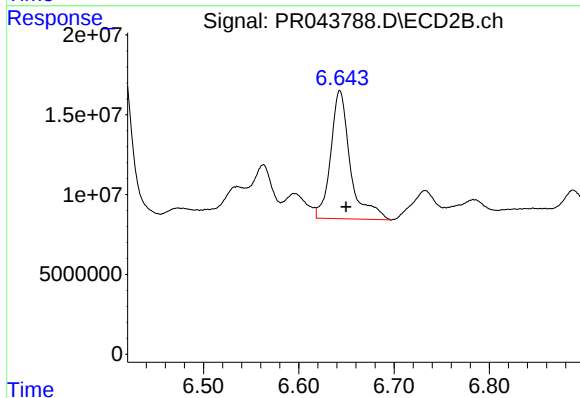
R.T.: 6.416 min
Delta R.T.: -0.006 min
Response: 120482295
Conc: 119.02 ng/ml



#29 AR-1254-4

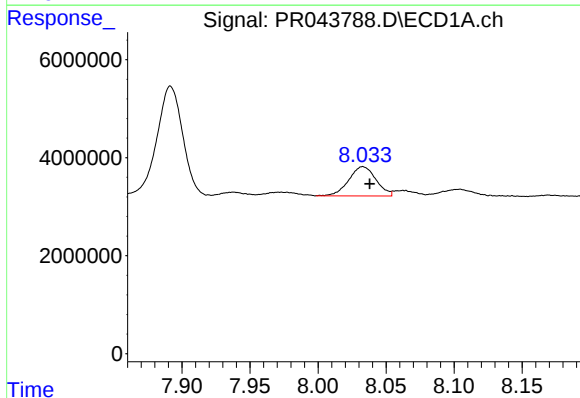
R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 28486985
Conc: 114.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



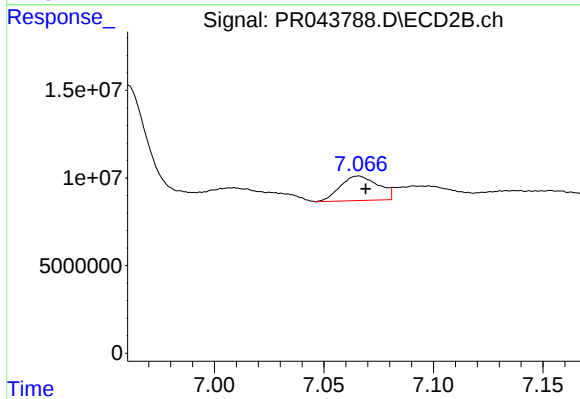
#29 AR-1254-4

R.T.: 6.643 min
Delta R.T.: -0.006 min
Response: 114690987
Conc: 159.28 ng/ml



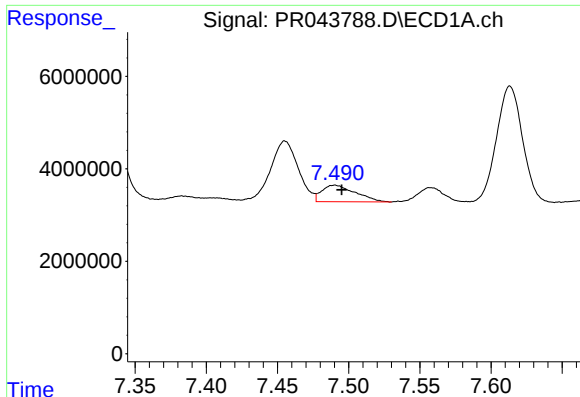
#30 AR-1254-5

R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 8330629
Conc: 32.33 ng/ml



#30 AR-1254-5

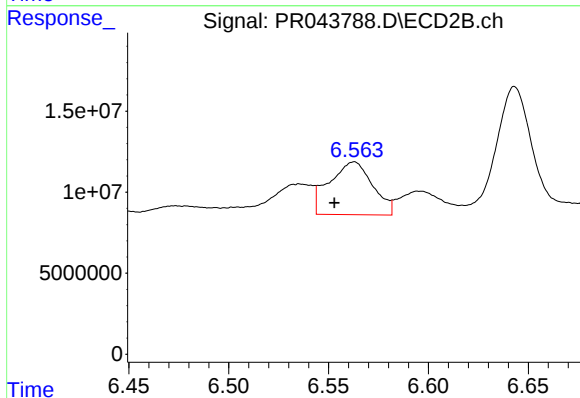
R.T.: 7.066 min
Delta R.T.: -0.003 min
Response: 16873954
Conc: 19.81 ng/ml



#31 AR-1260-1

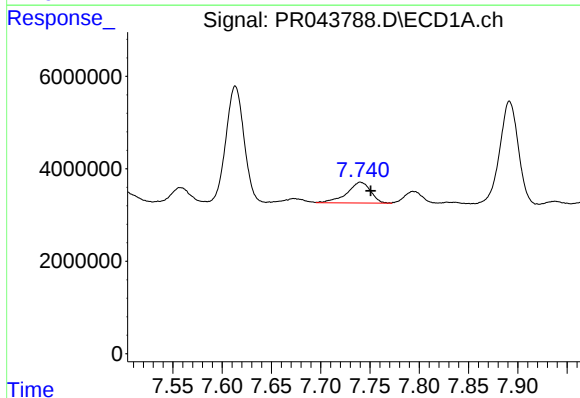
R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 5856064
Conc: 23.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



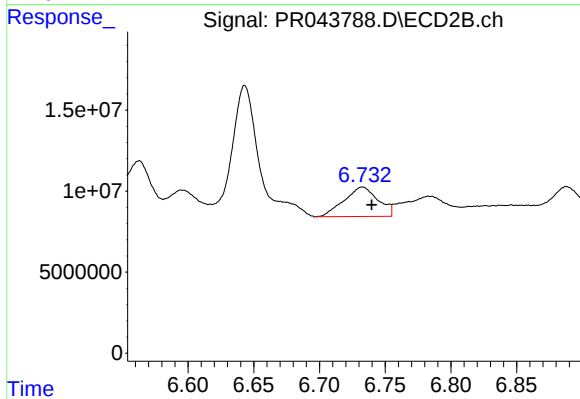
#31 AR-1260-1

R.T.: 6.563 min
Delta R.T.: 0.010 min
Response: 49282310
Conc: 72.74 ng/ml



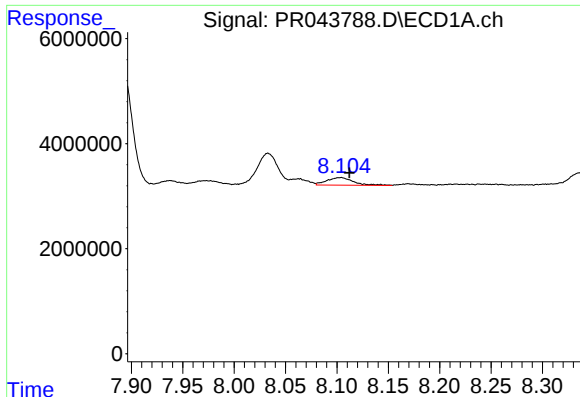
#32 AR-1260-2

R.T.: 7.740 min
Delta R.T.: -0.011 min
Response: 7493853
Conc: 25.22 ng/ml



#32 AR-1260-2

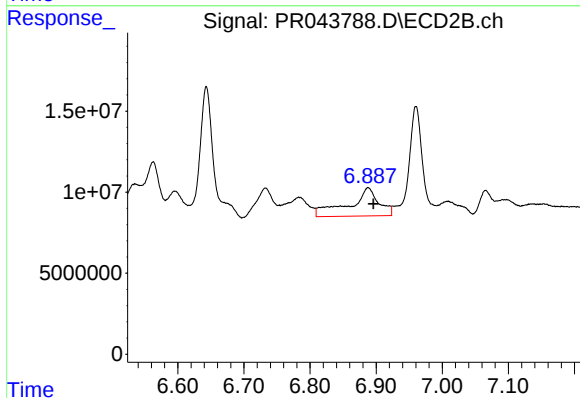
R.T.: 6.733 min
Delta R.T.: -0.007 min
Response: 32662068
Conc: 33.71 ng/ml



#33 AR-1260-3

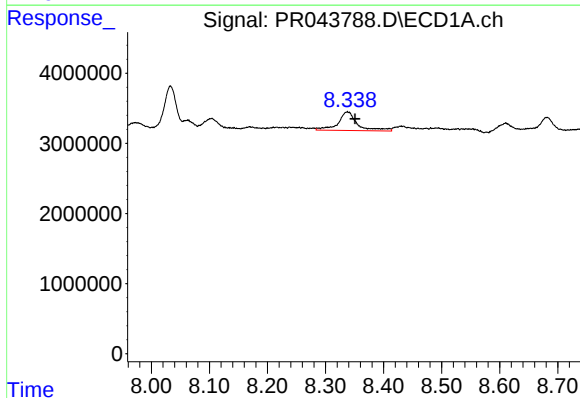
R.T.: 8.104 min
Delta R.T.: -0.008 min
Response: 2569079
Conc: 11.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



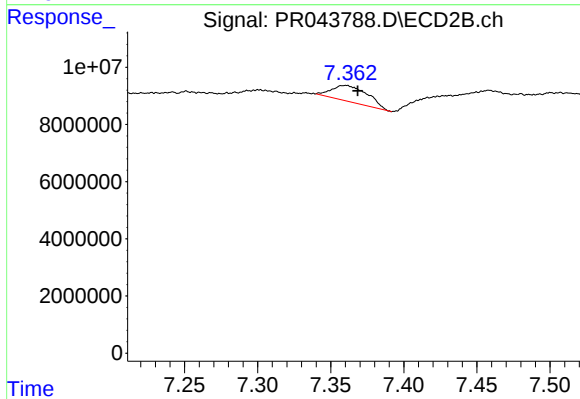
#33 AR-1260-3

R.T.: 6.888 min
Delta R.T.: -0.008 min
Response: 54372704
Conc: 69.63 ng/ml



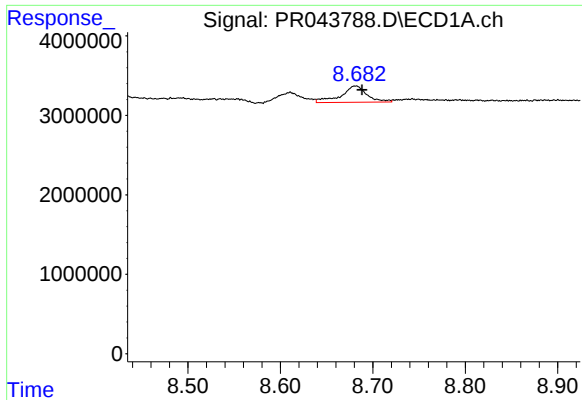
#34 AR-1260-4

R.T.: 8.338 min
Delta R.T.: -0.013 min
Response: 6168275
Conc: 24.52 ng/ml



#34 AR-1260-4

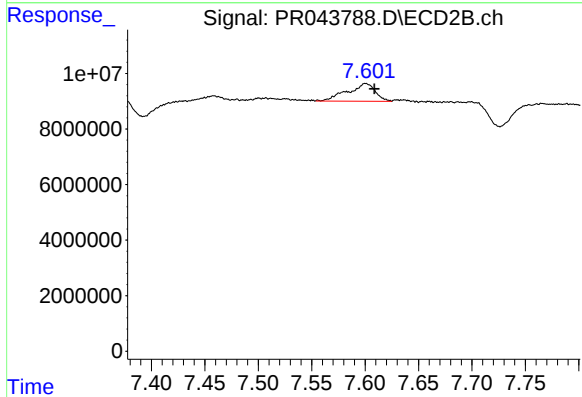
R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 9690450
Conc: 15.27 ng/ml



#35 AR-1260-5

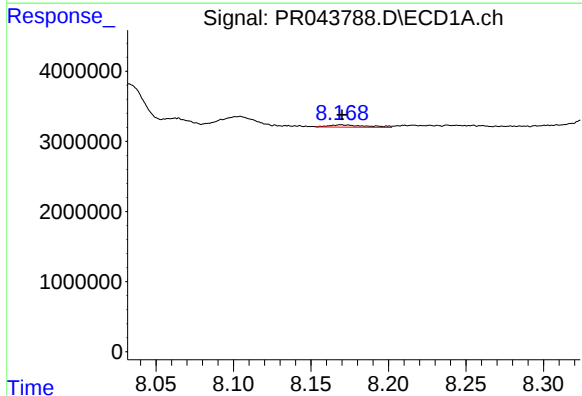
R.T.: 8.681 min
Delta R.T.: -0.007 min
Response: 4010755
Conc: 8.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



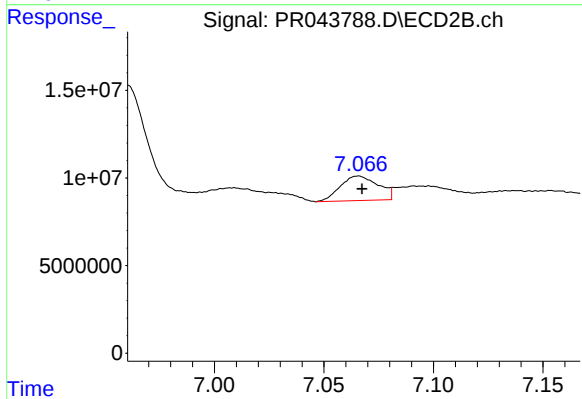
#35 AR-1260-5

R.T.: 7.600 min
Delta R.T.: -0.008 min
Response: 11585671
Conc: 6.81 ng/ml



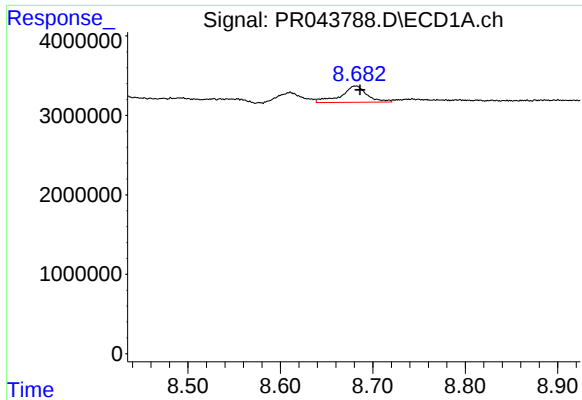
#36 AR-1262-1

R.T.: 8.169 min
Delta R.T.: 0.000 min
Response: 548556
Conc: 4.12 ng/ml



#36 AR-1262-1

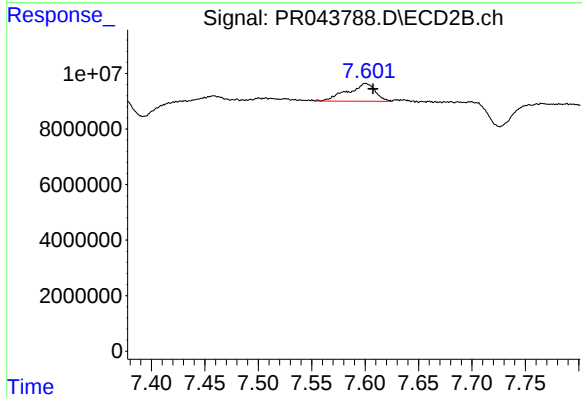
R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 16873954
Conc: 34.12 ng/ml



#37 AR-1262-2

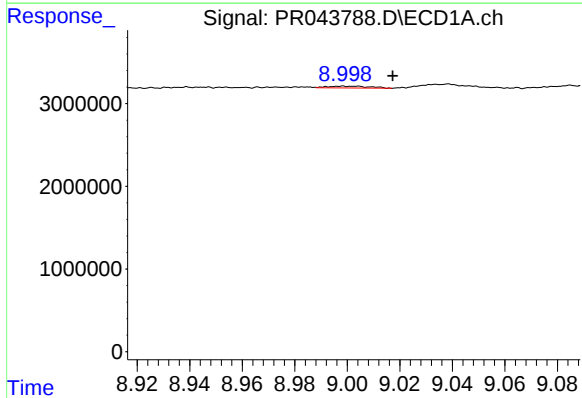
R.T.: 8.681 min
Delta R.T.: -0.005 min
Response: 4010755
Conc: 7.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



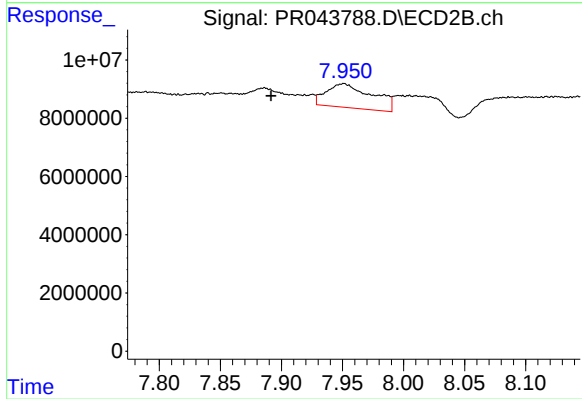
#37 AR-1262-2

R.T.: 7.600 min
Delta R.T.: -0.007 min
Response: 11585671
Conc: 6.09 ng/ml



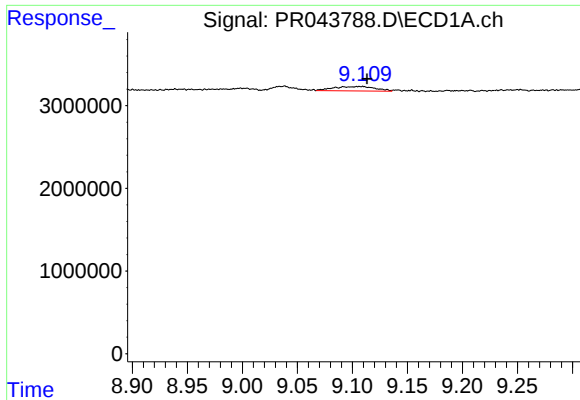
#38 AR-1262-3

R.T.: 8.999 min
Delta R.T.: -0.019 min
Response: 245452
Conc: 0.68 ng/ml



#38 AR-1262-3

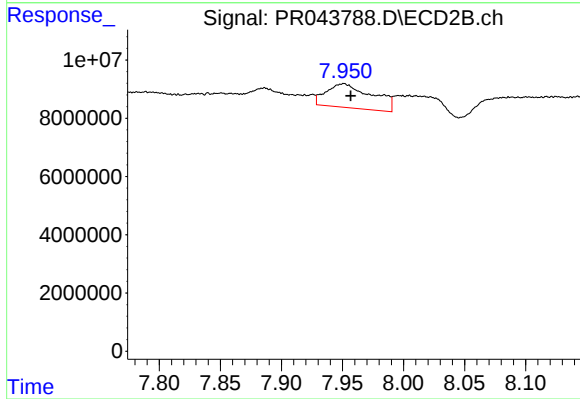
R.T.: 7.951 min
Delta R.T.: 0.059 min
Response: 21528662
Conc: 28.22 ng/ml



#39 AR-1262-4

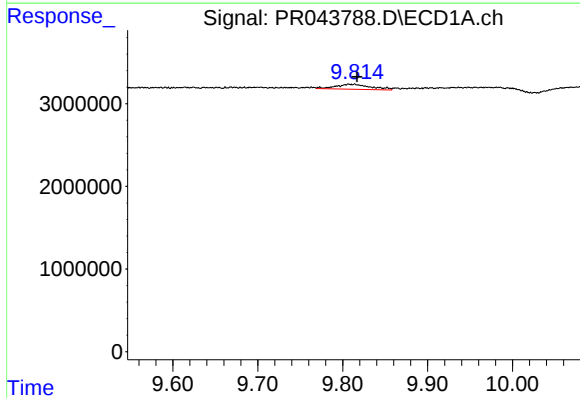
R.T.: 9.108 min
Delta R.T.: -0.005 min
Response: 1408897
Conc: 5.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



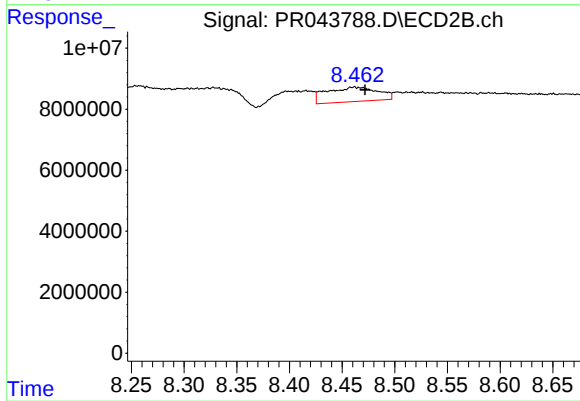
#39 AR-1262-4

R.T.: 7.951 min
Delta R.T.: -0.006 min
Response: 21528662
Conc: 17.34 ng/ml



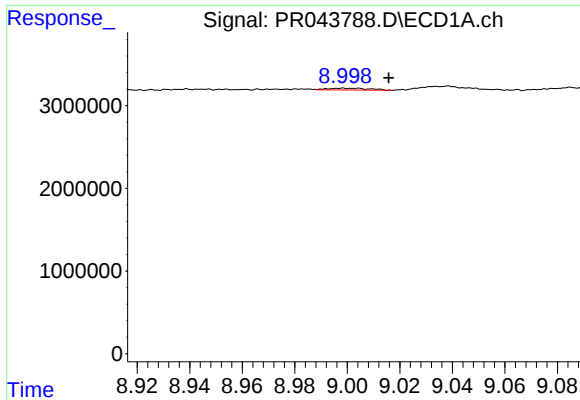
#40 AR-1262-5

R.T.: 9.808 min
Delta R.T.: -0.010 min
Response: 1786840
Conc: 9.49 ng/ml



#40 AR-1262-5

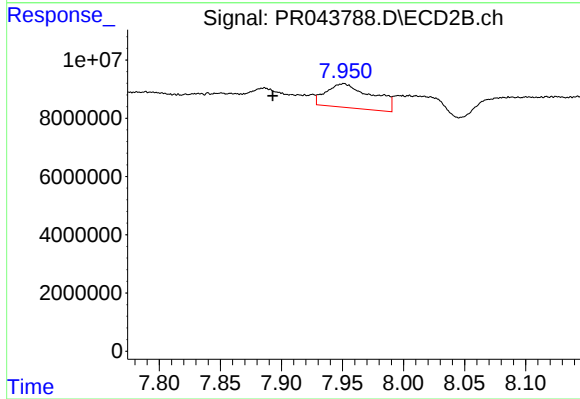
R.T.: 8.461 min
Delta R.T.: -0.010 min
Response: 16122208
Conc: 28.29 ng/ml



#41 AR-1268-1

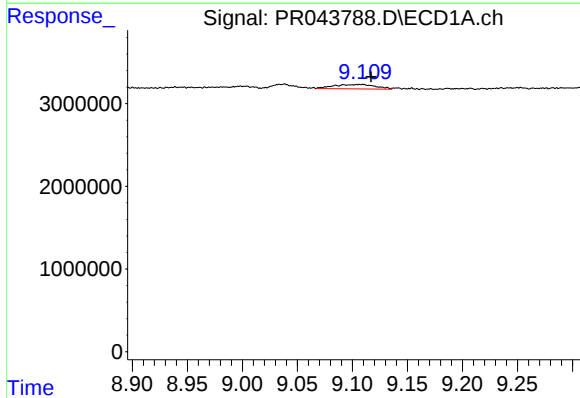
R.T.: 8.999 min
Delta R.T.: -0.017 min
Response: 245452
Conc: 0.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



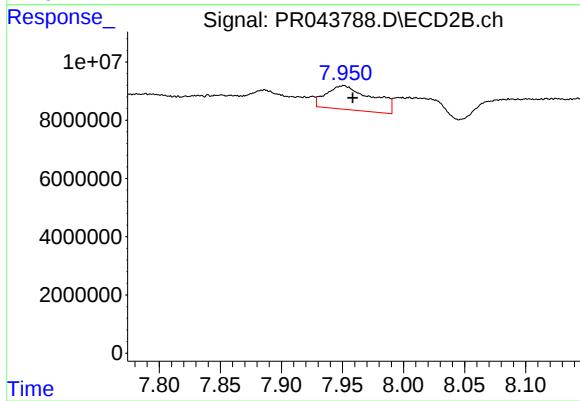
#41 AR-1268-1

R.T.: 7.951 min
Delta R.T.: 0.058 min
Response: 21528662
Conc: 10.03 ng/ml



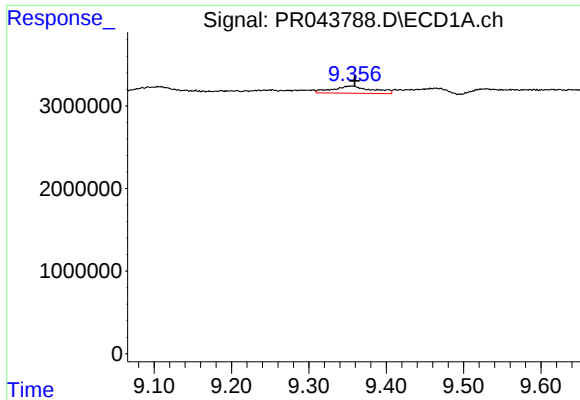
#42 AR-1268-2

R.T.: 9.108 min
Delta R.T.: -0.009 min
Response: 1408897
Conc: 2.45 ng/ml



#42 AR-1268-2

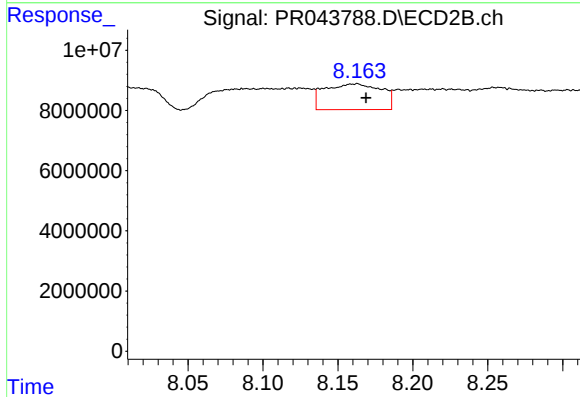
R.T.: 7.951 min
Delta R.T.: -0.008 min
Response: 21528662
Conc: 11.87 ng/ml



#43 AR-1268-3

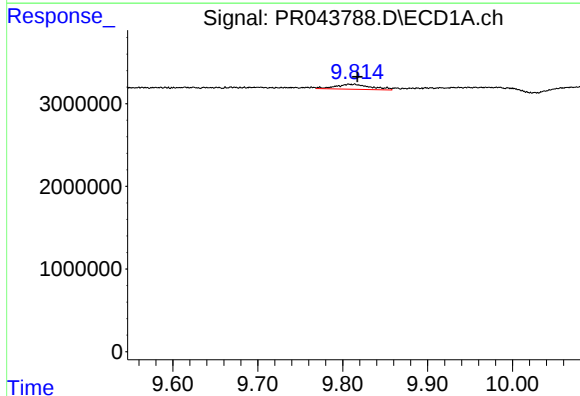
R.T.: 9.356 min
Delta R.T.: -0.003 min
Response: 3035712
Conc: 6.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



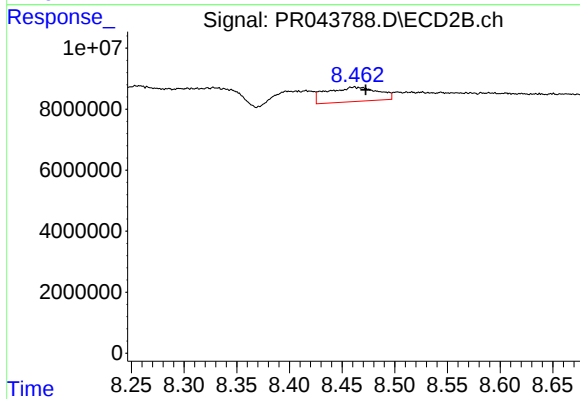
#43 AR-1268-3

R.T.: 8.162 min
Delta R.T.: -0.006 min
Response: 22635679
Conc: 14.70 ng/ml



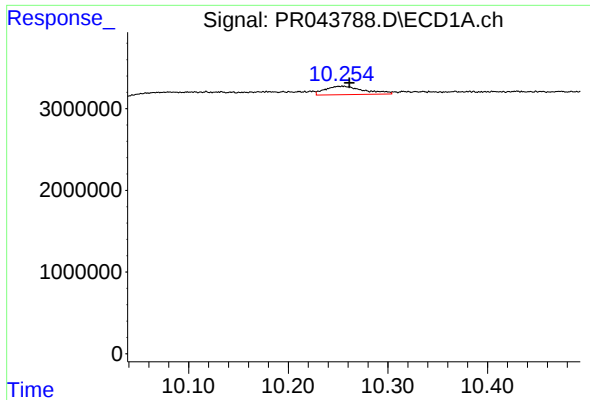
#44 AR-1268-4

R.T.: 9.808 min
Delta R.T.: -0.010 min
Response: 1786840
Conc: 8.75 ng/ml



#44 AR-1268-4

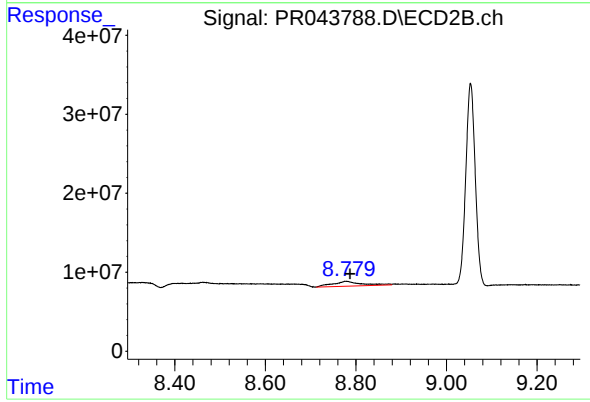
R.T.: 8.461 min
Delta R.T.: -0.011 min
Response: 16122208
Conc: 26.29 ng/ml



#45 AR-1268-5

R.T.: 10.255 min
Delta R.T.: -0.007 min
Response: 2818848
Conc: 1.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248365



#45 AR-1268-5

R.T.: 8.777 min
Delta R.T.: -0.010 min
Response: 27452464
Conc: 6.49 ng/ml