

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092419\
 Data File : PR041473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 12:40
 Operator : SM\AJ
 Sample : K4958-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNY4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:32:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 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...	4.739	4.006	11715489	54086421	8.826	8.942
2)	SA Decachlor...	10.666	9.126	49491455	137.9E6	15.505	12.782
Target Compounds							
3)	L1 AR-1016-1	5.914	5.104	9391125	22786174	146.858	154.640
4)	L1 AR-1016-2	5.938	5.124	16592179	34752511	182.207	168.799
5)	L1 AR-1016-3	6.007	5.303	2490647	8538843	45.387	72.156 #
6)	L1 AR-1016-4	6.100	5.341	4419201	37015116	92.135	379.969 #
7)	L1 AR-1016-5	6.394	5.559	8945216	23700180	180.814	170.476
8)	L2 AR-1221-1	0.000	4.213	0	569193	N.D.	9.931 #
9)	L2 AR-1221-2	5.036	4.305	970907	2918780	72.778	83.695
10)	L2 AR-1221-3	5.114	4.383	652656	1599704	17.870	15.086
11)	L3 AR-1232-1	5.114	4.383	652656	1599704	22.377	19.846
12)	L3 AR-1232-2	5.647	5.124	4703395	34752511	287.494	357.334
13)	L3 AR-1232-3	5.938	5.303	16592179	8538843	437.648	190.160 #
14)	L3 AR-1232-4	6.100	5.383	4419201	42083183	239.501	1004.699 #
15)	L3 AR-1232-5	6.186	5.559	17046026	23700180	1233.638	443.043 #
16)	L4 AR-1242-1	5.914	5.104	9391125	22786174	182.578	203.210
17)	L4 AR-1242-2	5.938	5.124	16592179	34752511	227.649	217.354
18)	L4 AR-1242-3	6.007	5.303	2490647	8538843	56.328	94.137 #
19)	L4 AR-1242-4	6.100	5.383	4419201	42083183	120.465	447.192 #
20)	L4 AR-1242-5	6.838	5.912	12267702	42122885	239.332	248.311
21)	L5 AR-1248-1	5.914	5.104	9391125	22786174	255.849	270.337
22)	L5 AR-1248-2	6.186	5.341	17046026	37015116	309.463	304.329
23)	L5 AR-1248-3	6.394	5.383	8945216	42083183	139.311	331.942 #
24)	L5 AR-1248-4	6.798	5.559	5706499	23700180	66.865	141.201 #
25)	L5 AR-1248-5	6.838	5.954	12267702	30640803	150.552	140.727
26)	L6 AR-1254-1	6.770	5.912	10630094	42122885	127.739	129.889
27)	L6 AR-1254-2	6.993	6.061	19453849	37197161	138.447	121.757
28)	L6 AR-1254-3	7.357	6.466	18531022	75108760	109.368	134.228
29)	L6 AR-1254-4	7.642	6.694	8542463	32848016	62.931	76.971
30)	L6 AR-1254-5	8.061	7.114	9392468	26997635	61.082	46.667
31)	L7 AR-1260-1	7.519	6.598	4779361	28608750	40.360	73.453 #
32)	L7 AR-1260-2	7.774	6.783	5668074	22819434	38.409	42.330
33)	L7 AR-1260-3	8.136	6.940	2476547	16274960	21.355	34.842 #
34)	L7 AR-1260-4	8.369	7.414	6184770	5680064	43.318	13.402 #
35)	L7 AR-1260-5	8.715	7.653	5297767	23955774	17.196	19.667
36)	L8 AR-1262-1	8.198	7.114	1031872	26997635	13.398	80.661 #
37)	L8 AR-1262-2	8.715	7.653	5297767	23955774	13.973	17.347
38)	L8 AR-1262-3	9.067	7.940	4701454	4955755	17.831	8.665 #
39)	L8 AR-1262-4	9.125	8.004	1951101	13424634	9.881	13.247 #
40)	L8 AR-1262-5	9.853	8.521	2088797	6447975	13.341	11.519
41)	L9 AR-1268-1	9.067	7.940	4701454	4955755	9.776	2.928 #

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Integration File signal 1: autoint1.e
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 Quant Time: Sep 25 01:32:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 2019
 Response via : Initial Calibration
 Integrator: ChemStation

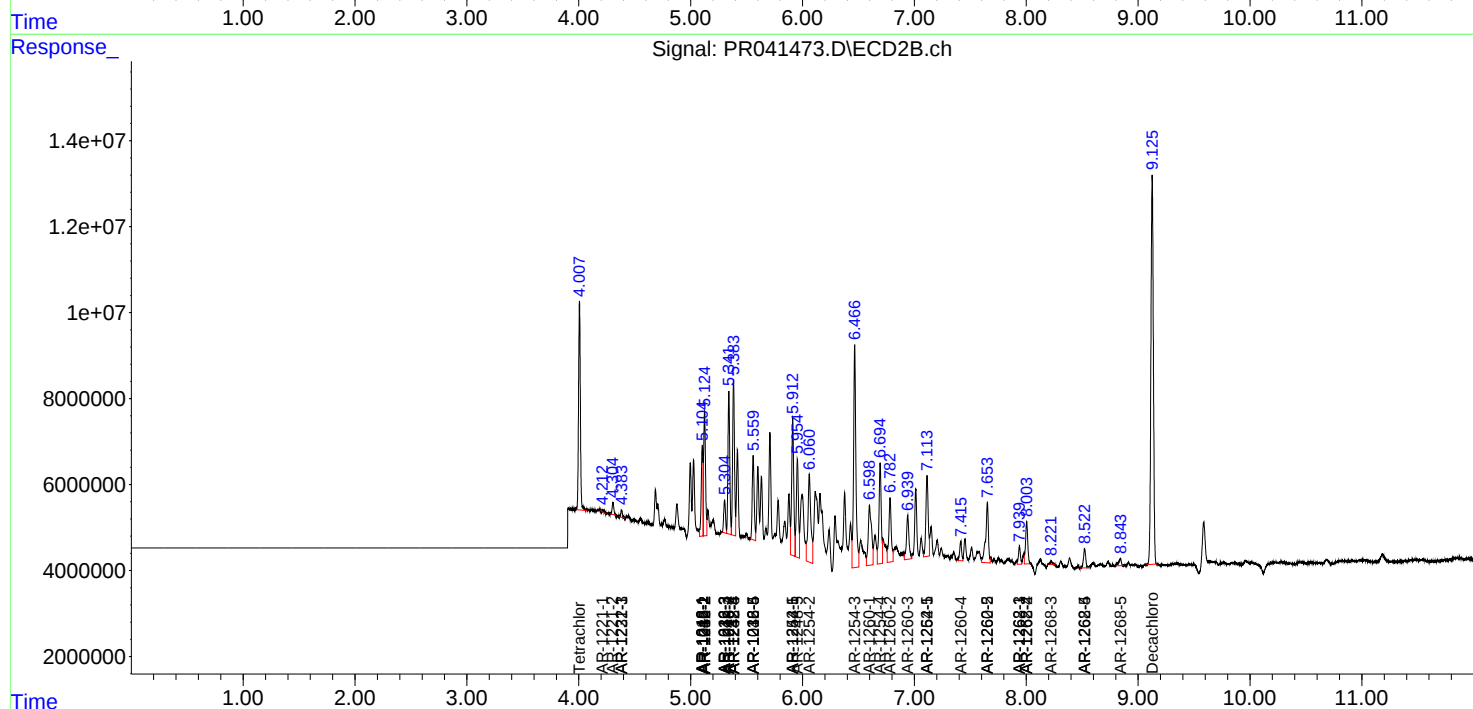
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

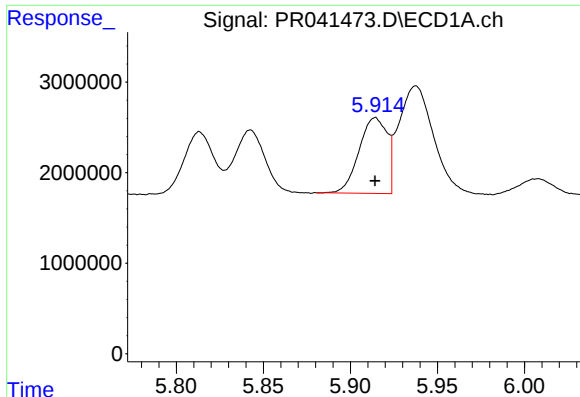
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.125	8.004	1951101	13424634	4.411	8.581 #
43) L9	AR-1268-3	0.000	8.223	0	1086347	N.D.	0.821 #
44) L9	AR-1268-4	9.853	8.521	2088797	6447975	11.931	10.744
45) L9	AR-1268-5	10.301	8.842	1119060	2804837	0.791	0.636

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

Instrument :
ECD_R
ClientSampleId :
ESNY4

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

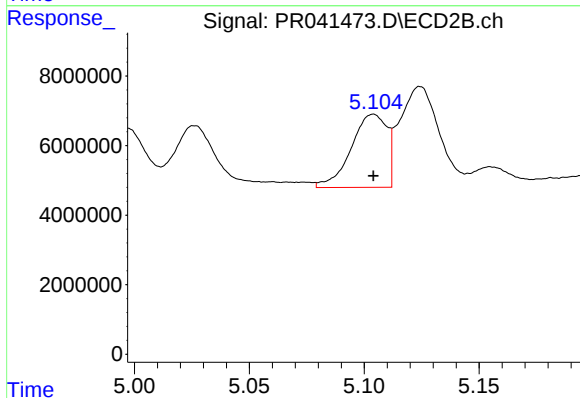




#3 AR-1016-1

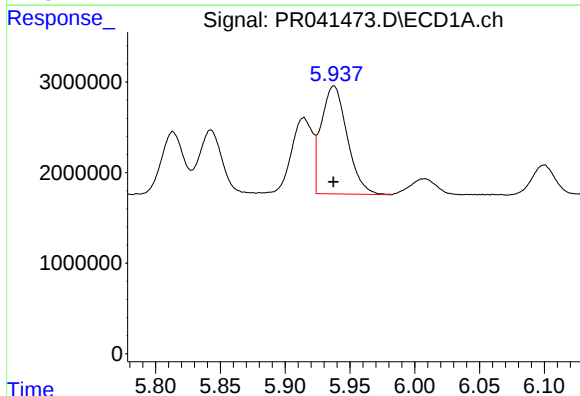
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 9391125
Conc: 146.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



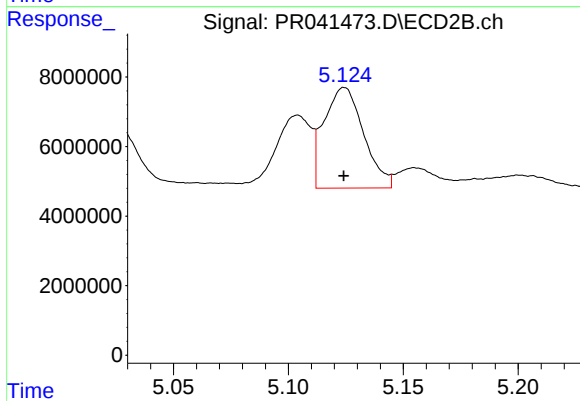
#3 AR-1016-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 22786174
Conc: 154.64 ng/ml



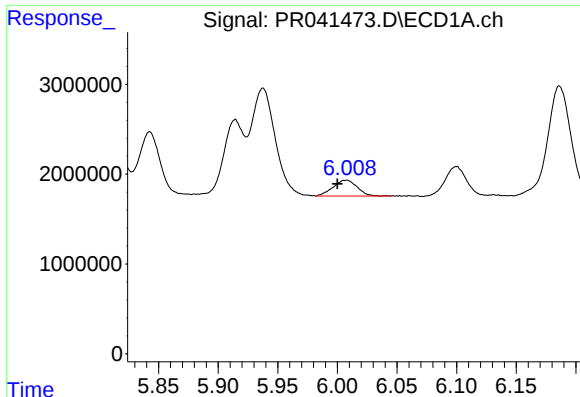
#4 AR-1016-2

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 16592179
Conc: 182.21 ng/ml



#4 AR-1016-2

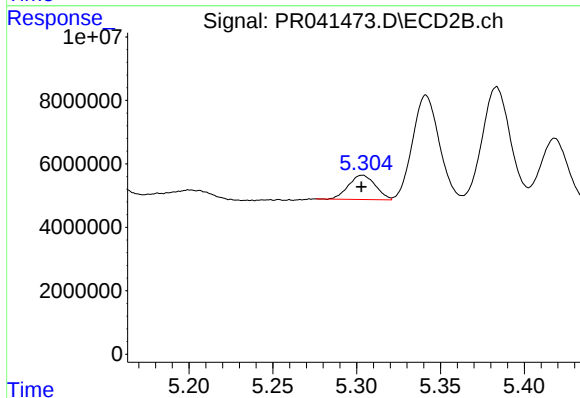
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 34752511
Conc: 168.80 ng/ml



#5 AR-1016-3

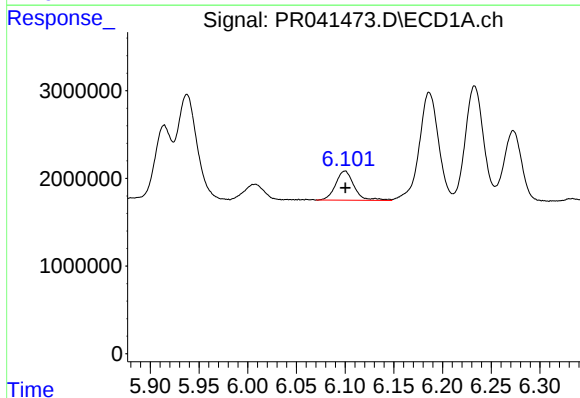
R.T.: 6.007 min
Delta R.T.: 0.007 min
Response: 2490647
Conc: 45.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



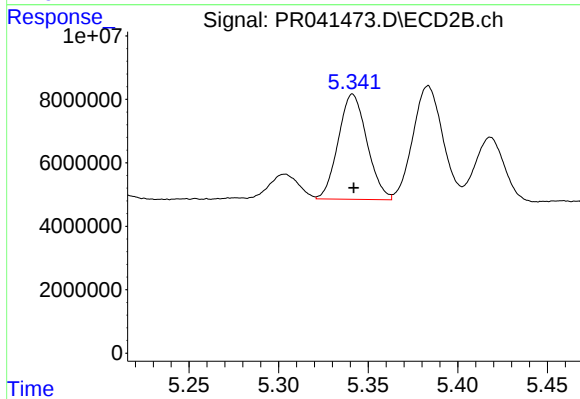
#5 AR-1016-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 8538843
Conc: 72.16 ng/ml



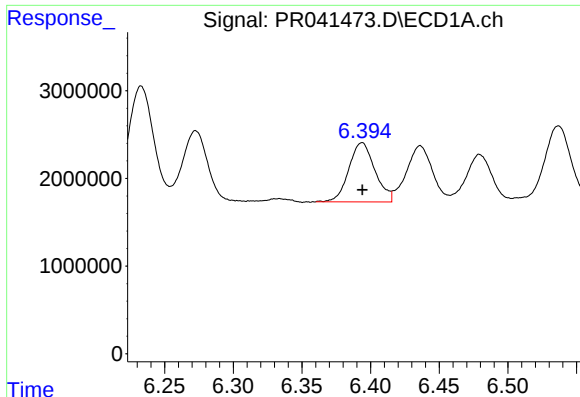
#6 AR-1016-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 4419201
Conc: 92.13 ng/ml



#6 AR-1016-4

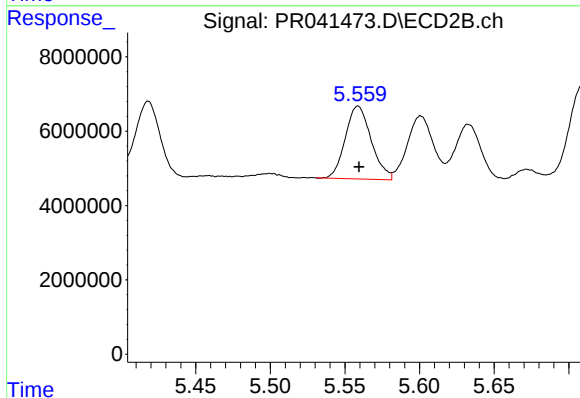
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 37015116
Conc: 379.97 ng/ml



#7 AR-1016-5

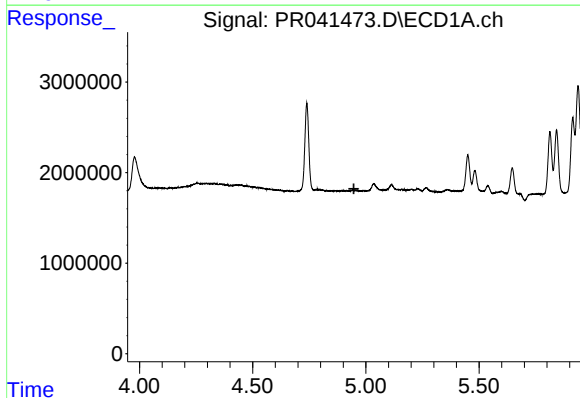
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 8945216
Conc: 180.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



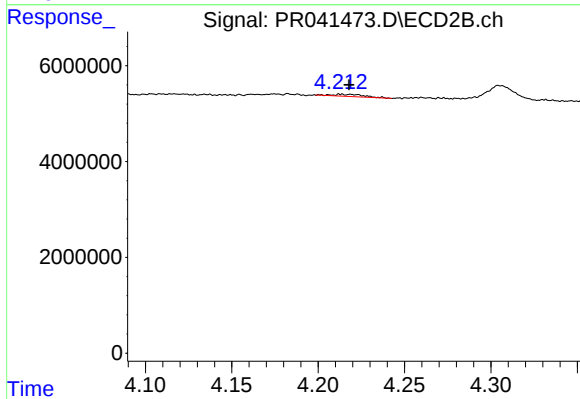
#7 AR-1016-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 23700180
Conc: 170.48 ng/ml



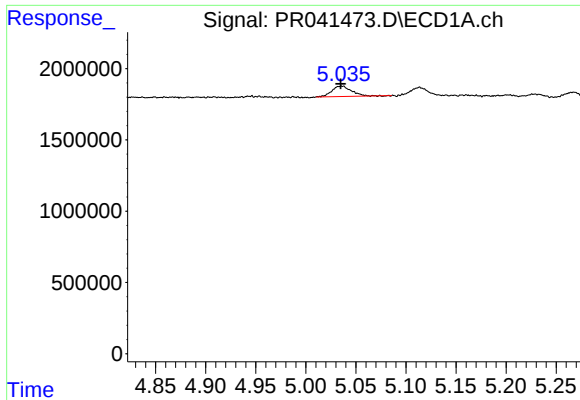
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#8 AR-1221-1

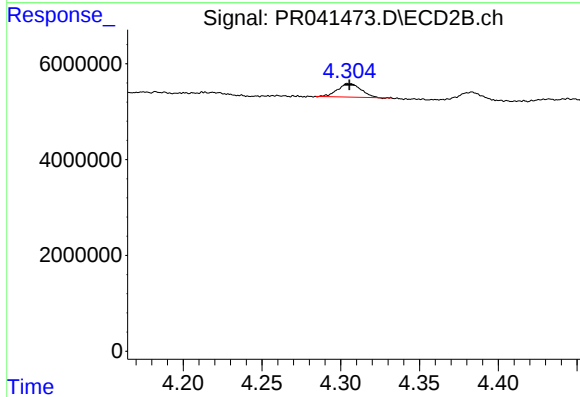
R.T.: 4.213 min
Delta R.T.: -0.004 min
Response: 569193
Conc: 9.93 ng/ml



#9 AR-1221-2

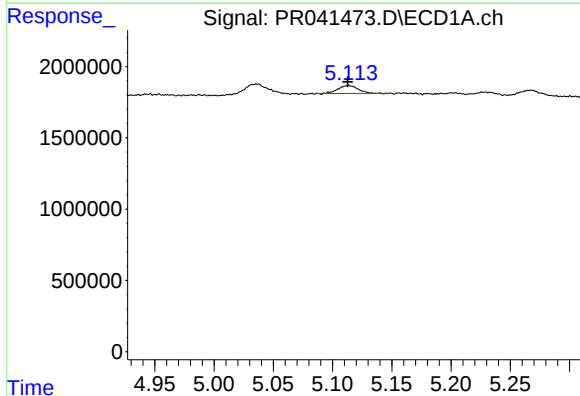
R.T.: 5.036 min
Delta R.T.: 0.001 min
Response: 970907
Conc: 72.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



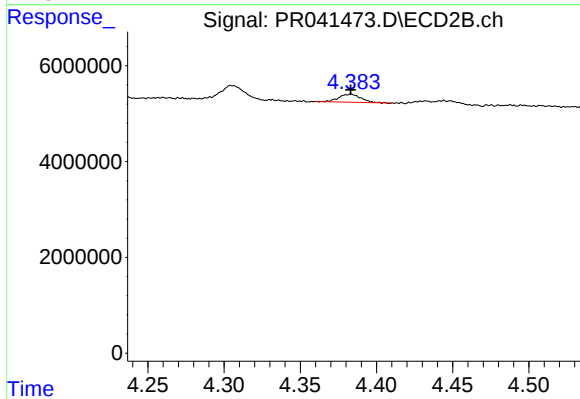
#9 AR-1221-2

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 2918780
Conc: 83.69 ng/ml



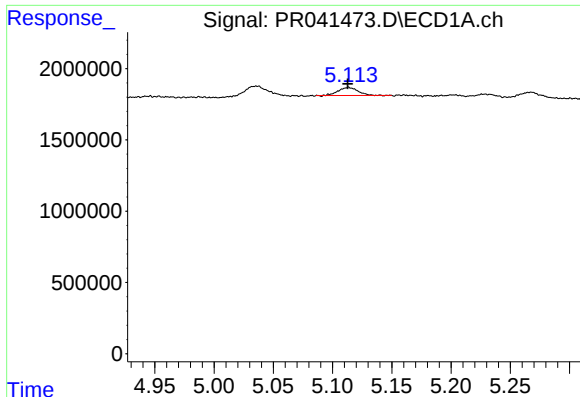
#10 AR-1221-3

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 652656
Conc: 17.87 ng/ml



#10 AR-1221-3

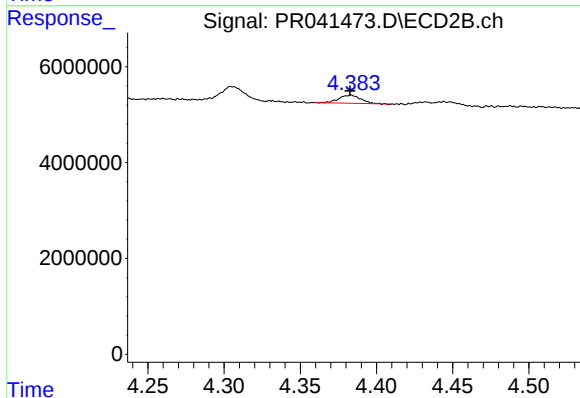
R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 1599704
Conc: 15.09 ng/ml



#11 AR-1232-1

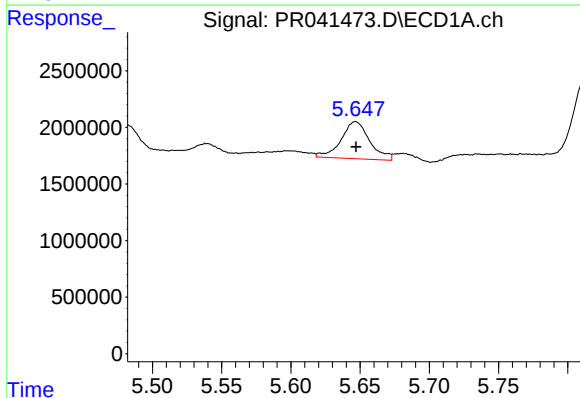
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 652656
Conc: 22.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



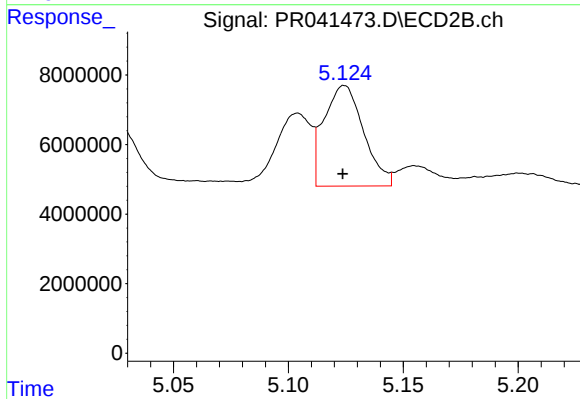
#11 AR-1232-1

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 1599704
Conc: 19.85 ng/ml



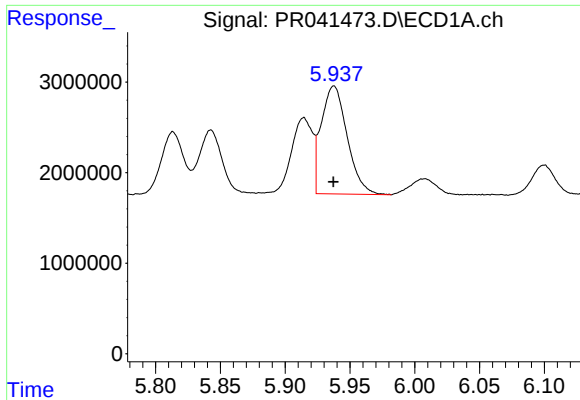
#12 AR-1232-2

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 4703395
Conc: 287.49 ng/ml



#12 AR-1232-2

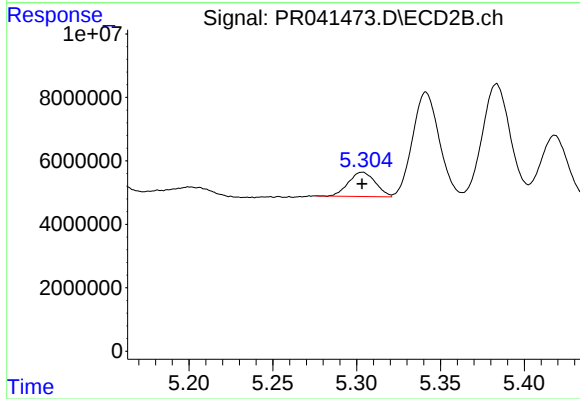
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 34752511
Conc: 357.33 ng/ml



#13 AR-1232-3

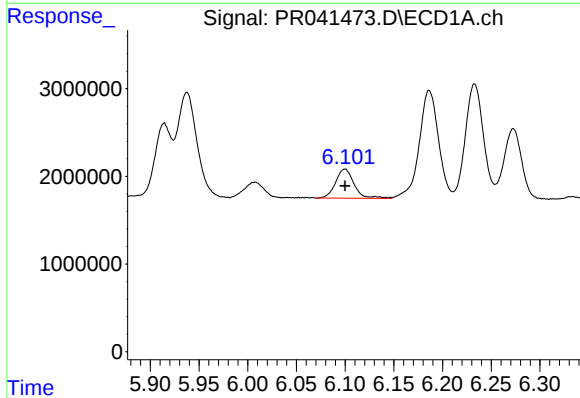
R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 16592179
Conc: 437.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



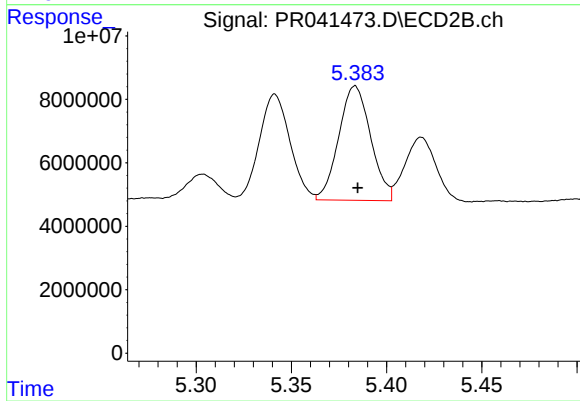
#13 AR-1232-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 8538843
Conc: 190.16 ng/ml



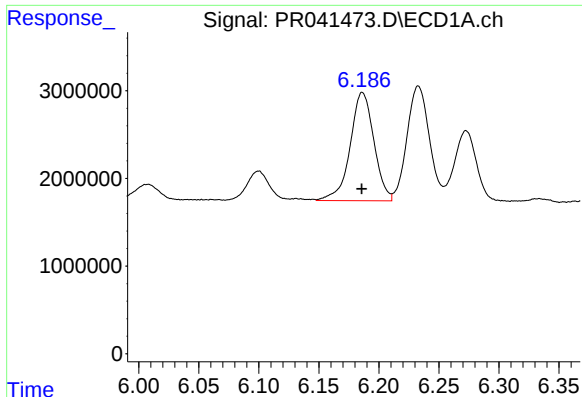
#14 AR-1232-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 4419201
Conc: 239.50 ng/ml



#14 AR-1232-4

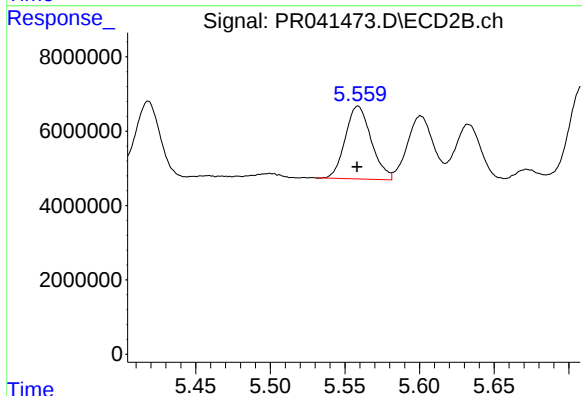
R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 42083183
Conc: 1004.70 ng/ml



#15 AR-1232-5

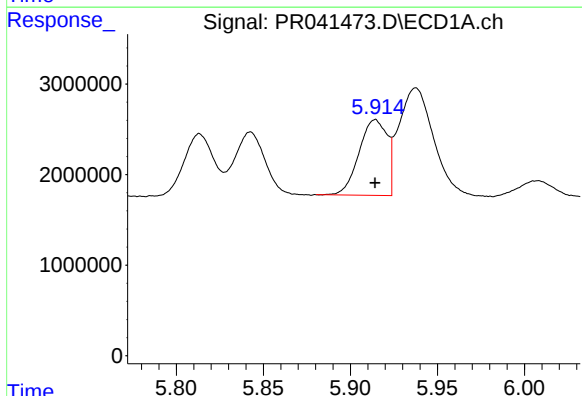
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 17046026
Conc: 1233.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



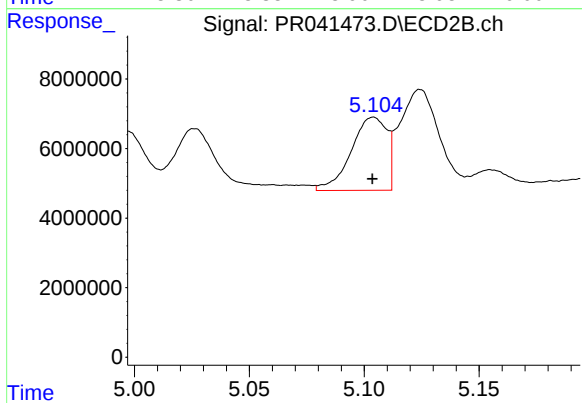
#15 AR-1232-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 23700180
Conc: 443.04 ng/ml



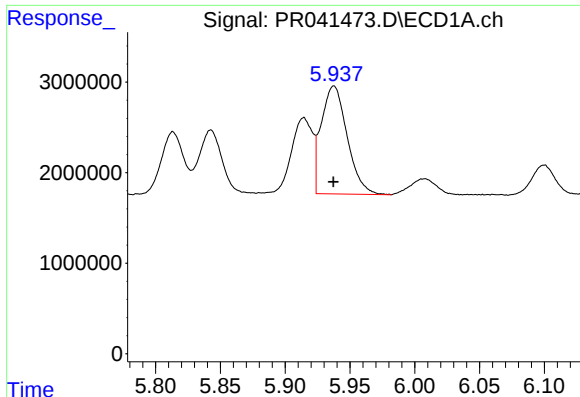
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 9391125
Conc: 182.58 ng/ml



#16 AR-1242-1

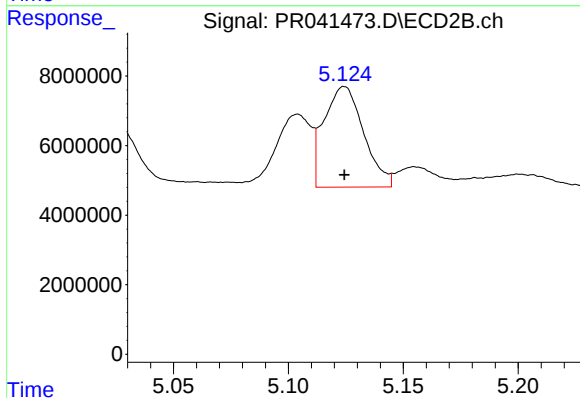
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 22786174
Conc: 203.21 ng/ml



#17 AR-1242-2

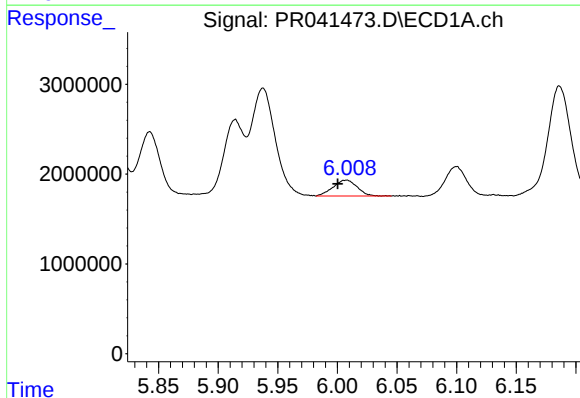
R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 16592179
Conc: 227.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



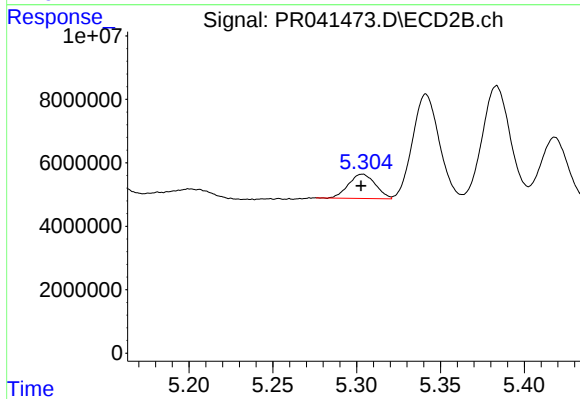
#17 AR-1242-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 34752511
Conc: 217.35 ng/ml



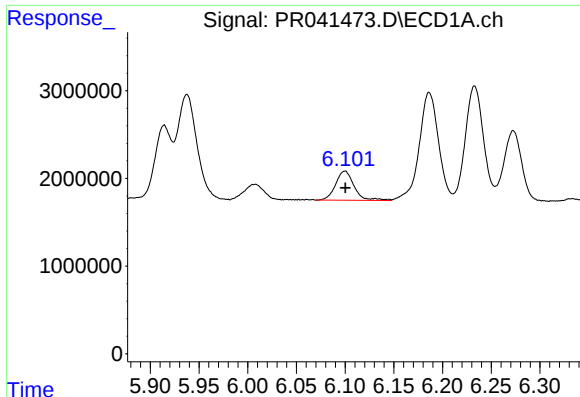
#18 AR-1242-3

R.T.: 6.007 min
Delta R.T.: 0.007 min
Response: 2490647
Conc: 56.33 ng/ml



#18 AR-1242-3

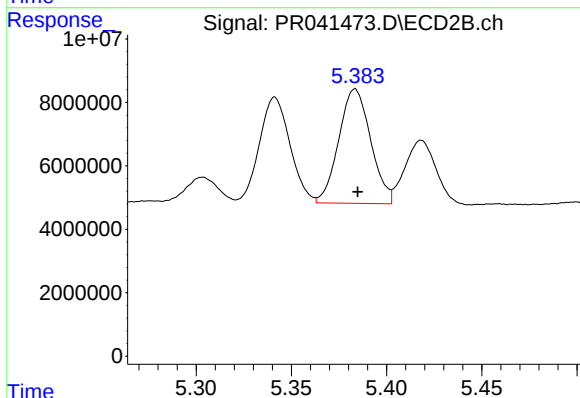
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 8538843
Conc: 94.14 ng/ml



#19 AR-1242-4

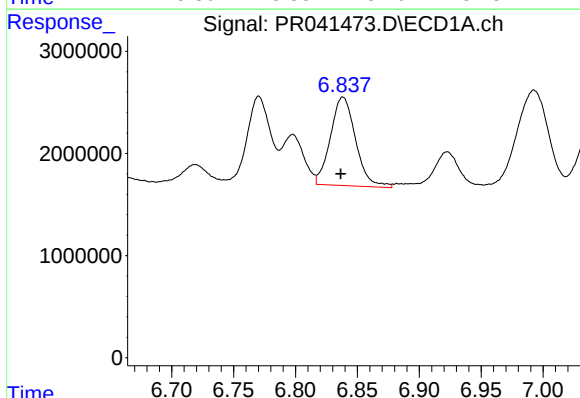
R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 4419201
Conc: 120.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



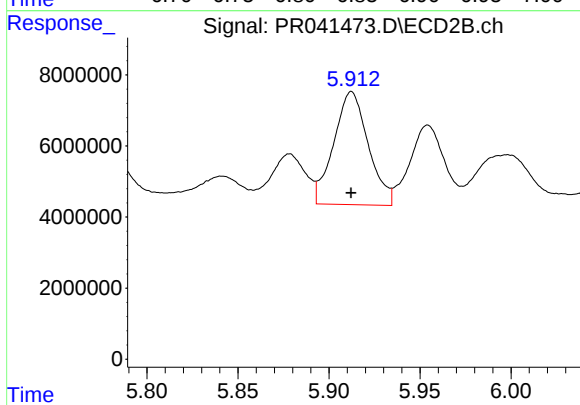
#19 AR-1242-4

R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 42083183
Conc: 447.19 ng/ml



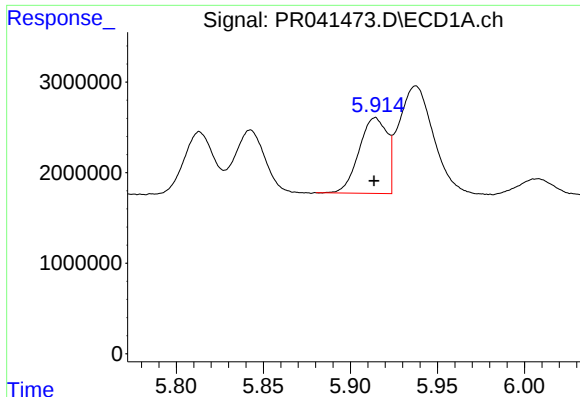
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: 0.002 min
Response: 12267702
Conc: 239.33 ng/ml



#20 AR-1242-5

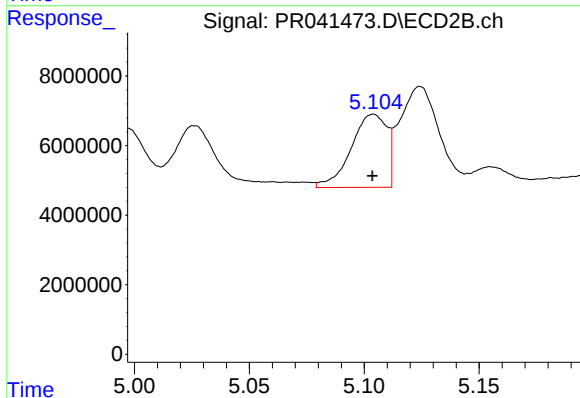
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 42122885
Conc: 248.31 ng/ml



#21 AR-1248-1

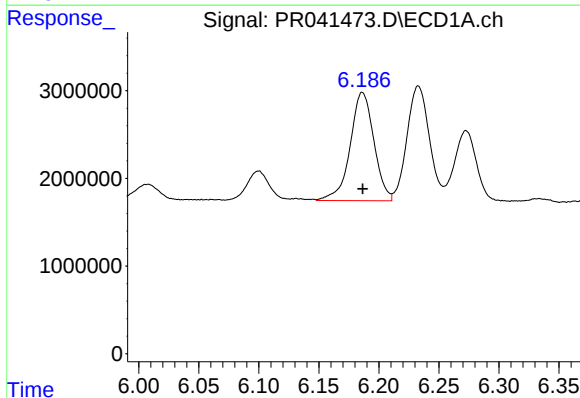
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 9391125
Conc: 255.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



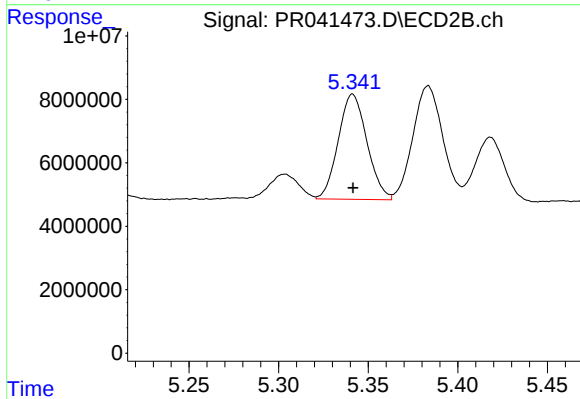
#21 AR-1248-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 22786174
Conc: 270.34 ng/ml



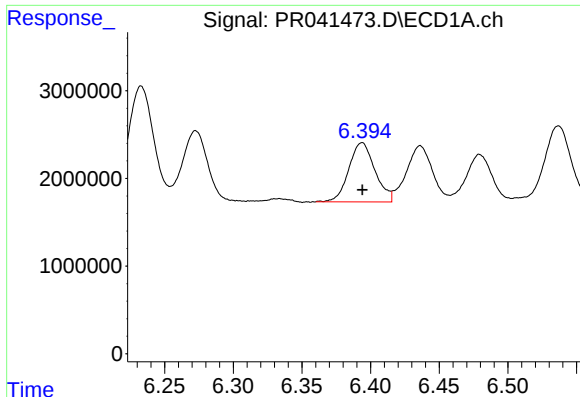
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 17046026
Conc: 309.46 ng/ml



#22 AR-1248-2

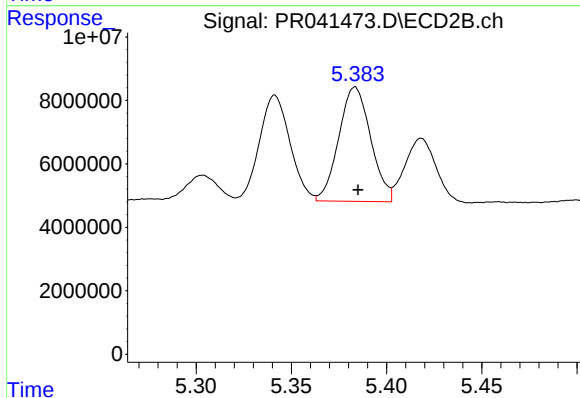
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 37015116
Conc: 304.33 ng/ml



#23 AR-1248-3

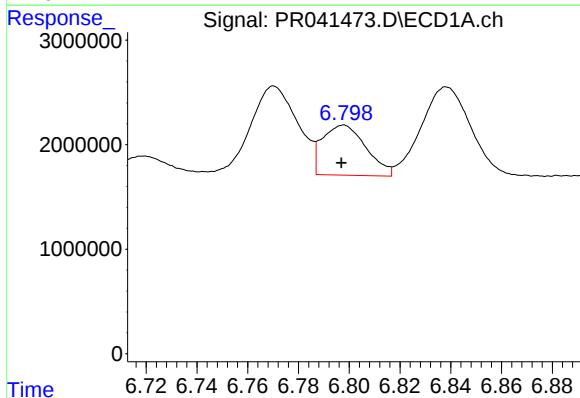
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 8945216
Conc: 139.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



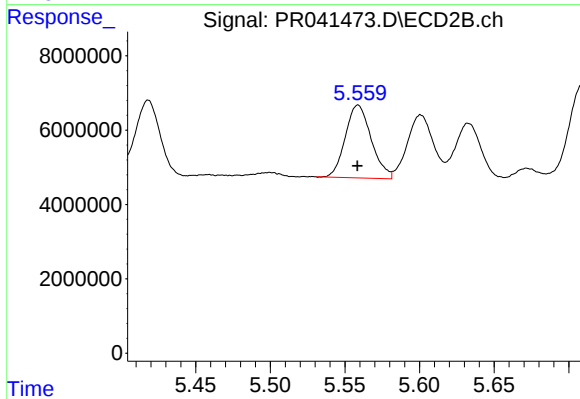
#23 AR-1248-3

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 42083183
Conc: 331.94 ng/ml



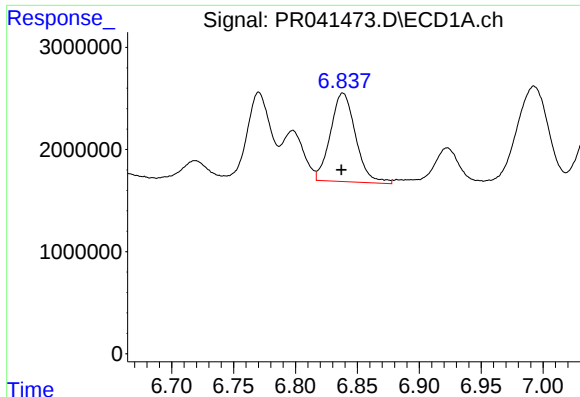
#24 AR-1248-4

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 5706499
Conc: 66.87 ng/ml



#24 AR-1248-4

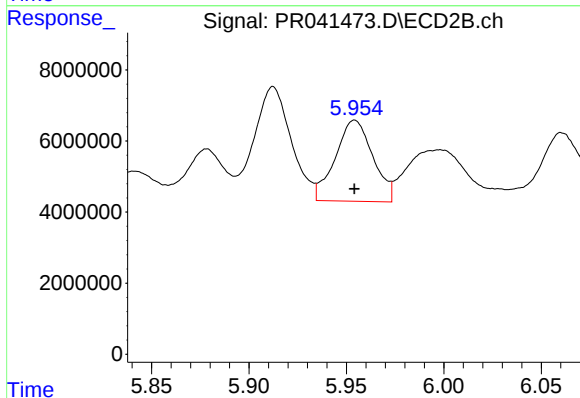
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 23700180
Conc: 141.20 ng/ml



#25 AR-1248-5

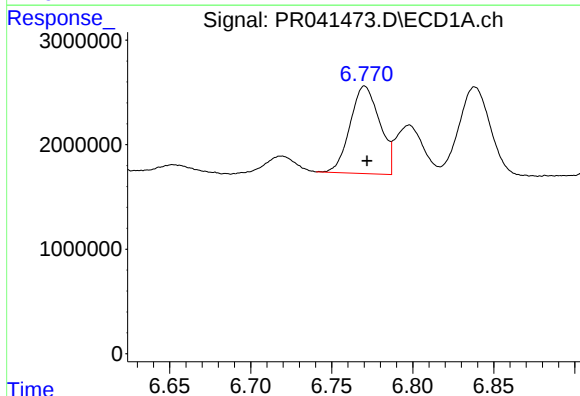
R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 12267702
Conc: 150.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



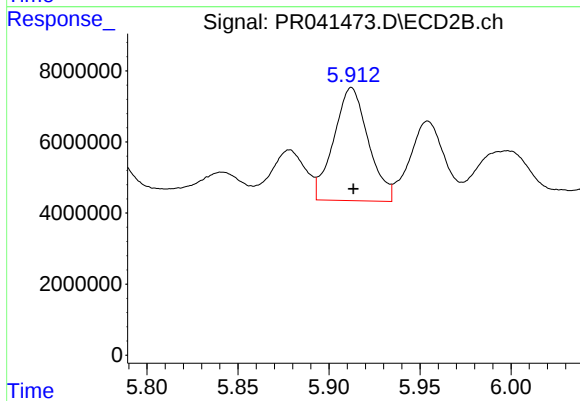
#25 AR-1248-5

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 30640803
Conc: 140.73 ng/ml



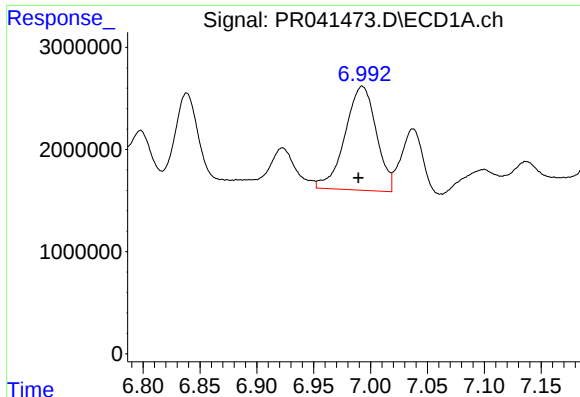
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 10630094
Conc: 127.74 ng/ml



#26 AR-1254-1

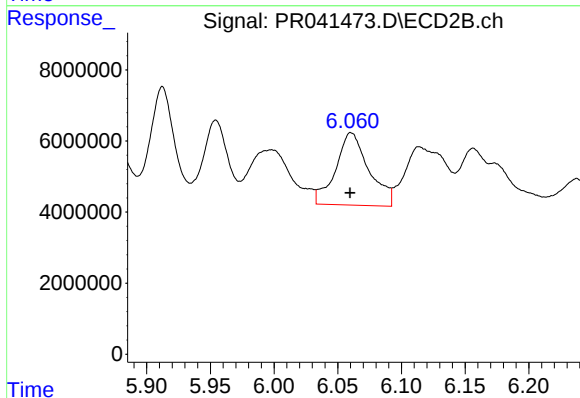
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 42122885
Conc: 129.89 ng/ml



#27 AR-1254-2

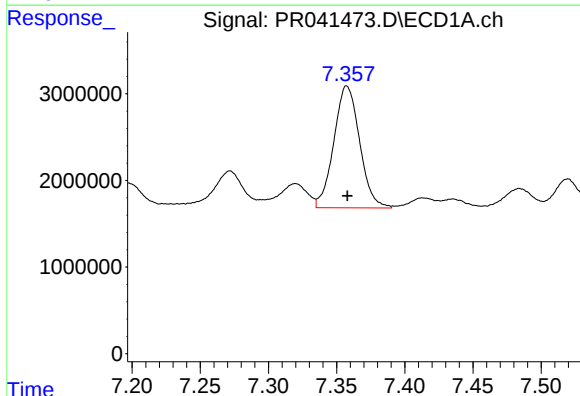
R.T.: 6.993 min
Delta R.T.: 0.003 min
Response: 19453849
Conc: 138.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



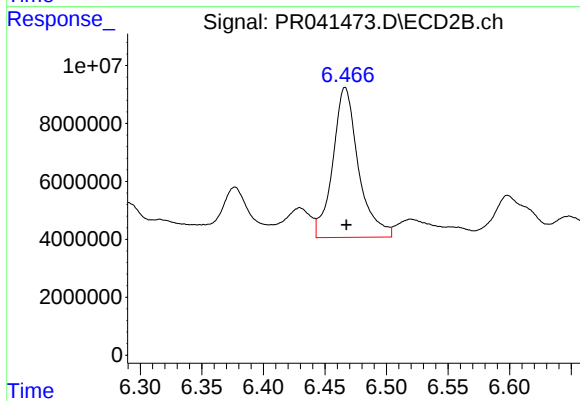
#27 AR-1254-2

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 37197161
Conc: 121.76 ng/ml



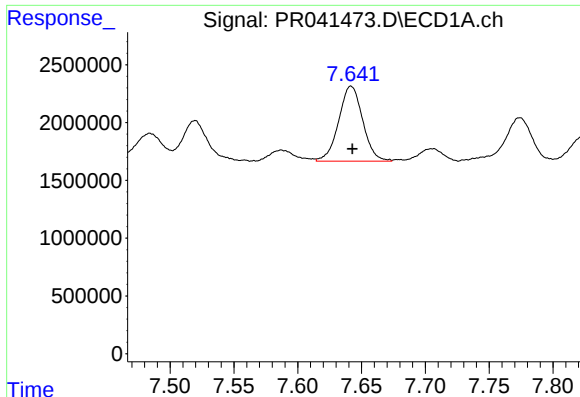
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 18531022
Conc: 109.37 ng/ml



#28 AR-1254-3

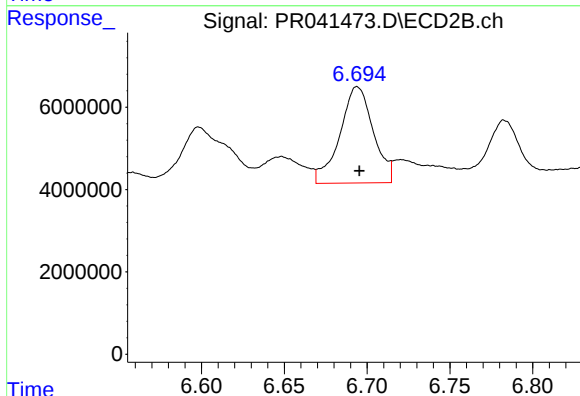
R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 75108760
Conc: 134.23 ng/ml



#29 AR-1254-4

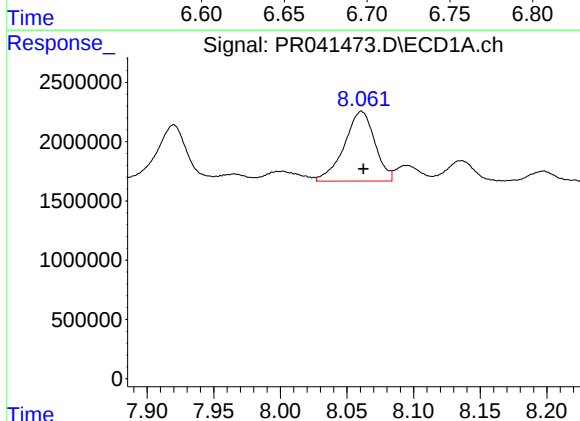
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 8542463
Conc: 62.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



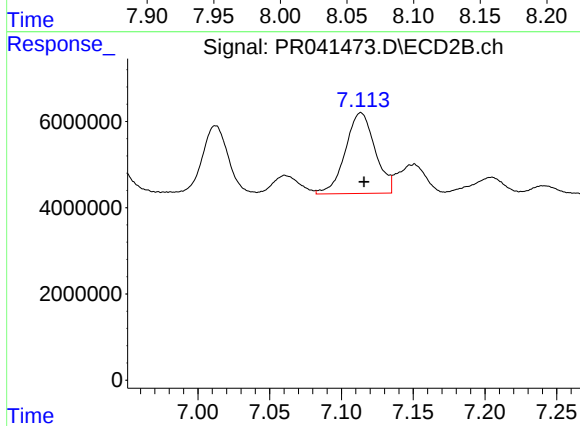
#29 AR-1254-4

R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 32848016
Conc: 76.97 ng/ml



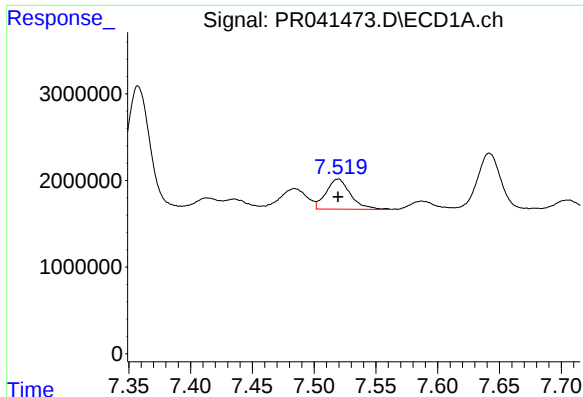
#30 AR-1254-5

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 9392468
Conc: 61.08 ng/ml



#30 AR-1254-5

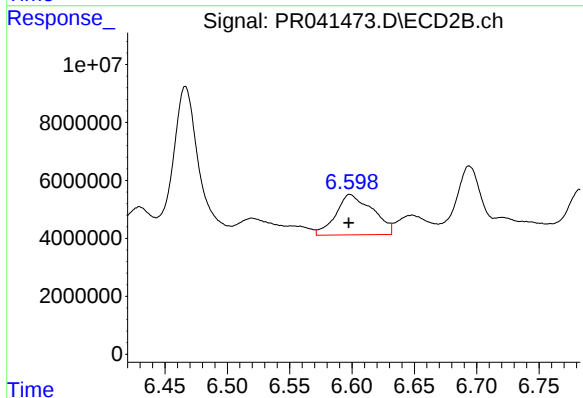
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 26997635
Conc: 46.67 ng/ml



#31 AR-1260-1

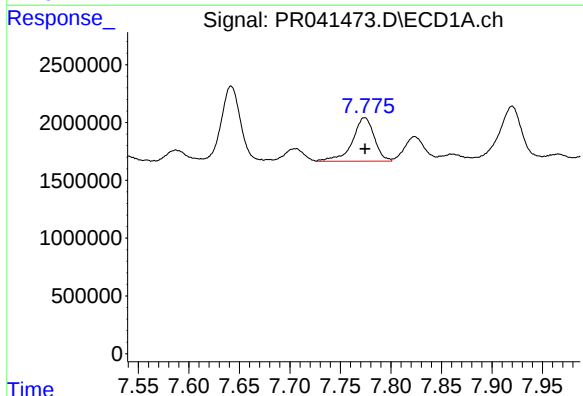
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 4779361
Conc: 40.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



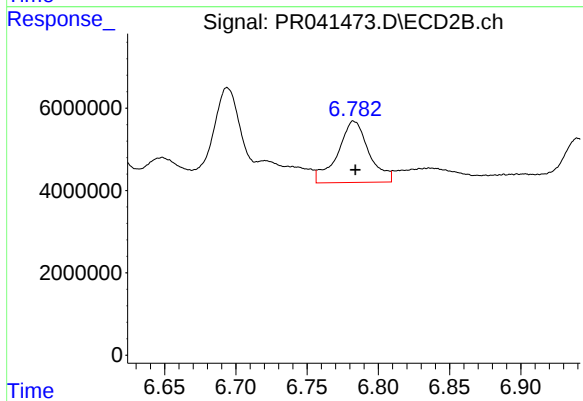
#31 AR-1260-1

R.T.: 6.598 min
Delta R.T.: 0.001 min
Response: 28608750
Conc: 73.45 ng/ml



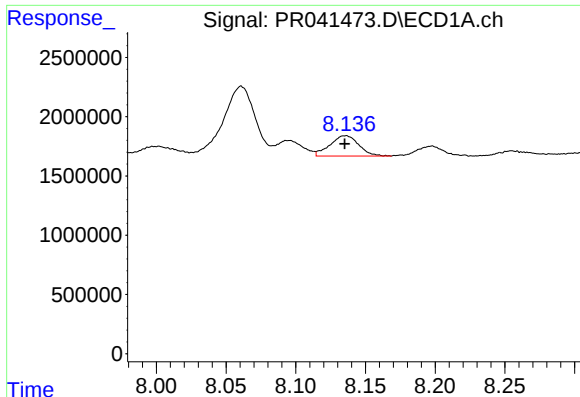
#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 5668074
Conc: 38.41 ng/ml



#32 AR-1260-2

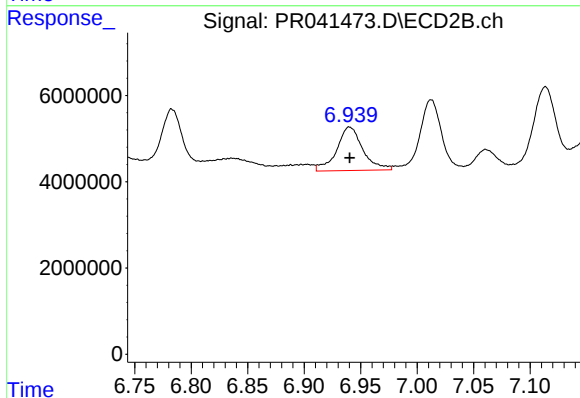
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 22819434
Conc: 42.33 ng/ml



#33 AR-1260-3

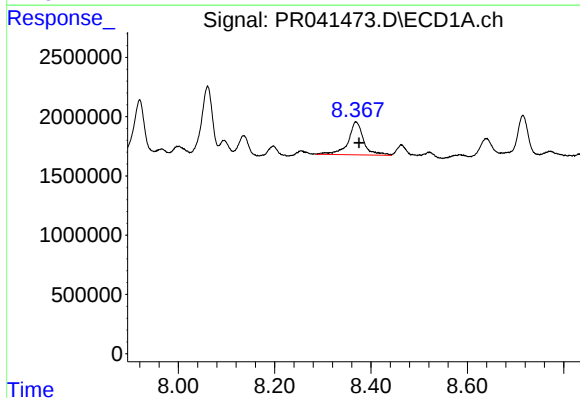
R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 2476547
Conc: 21.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



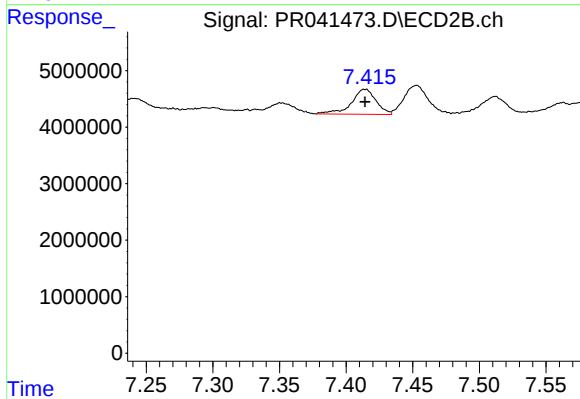
#33 AR-1260-3

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 16274960
Conc: 34.84 ng/ml



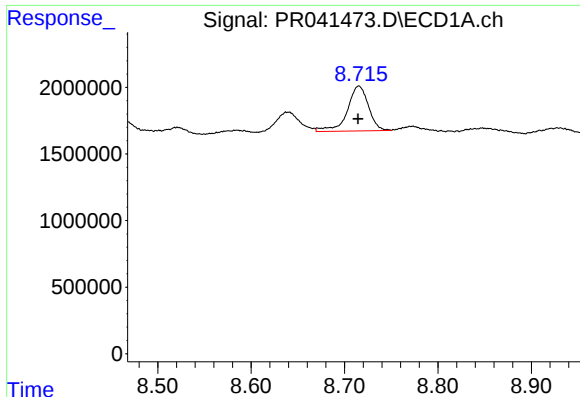
#34 AR-1260-4

R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 6184770
Conc: 43.32 ng/ml



#34 AR-1260-4

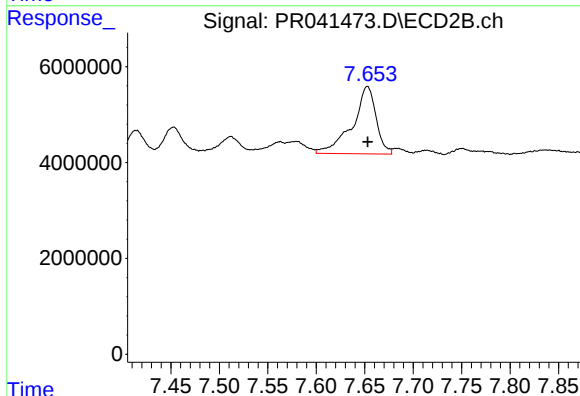
R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 5680064
Conc: 13.40 ng/ml



#35 AR-1260-5

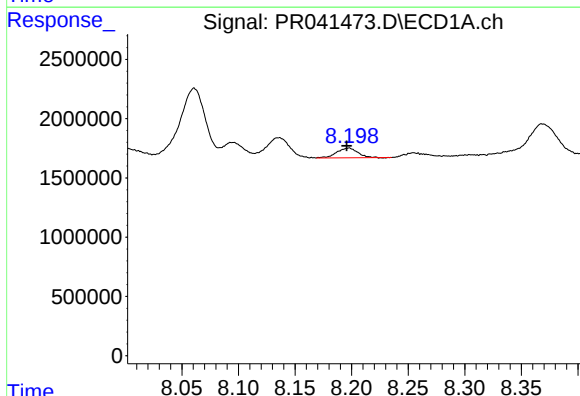
R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 5297767
Conc: 17.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



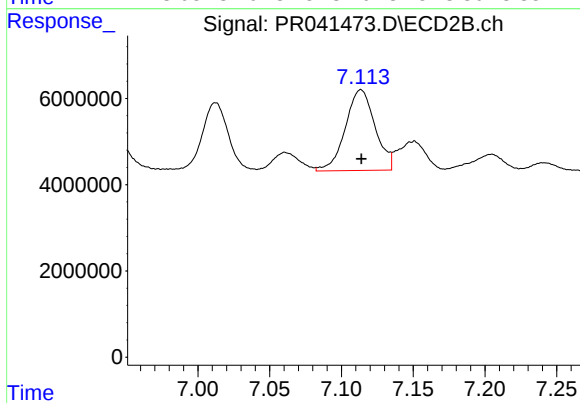
#35 AR-1260-5

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 23955774
Conc: 19.67 ng/ml



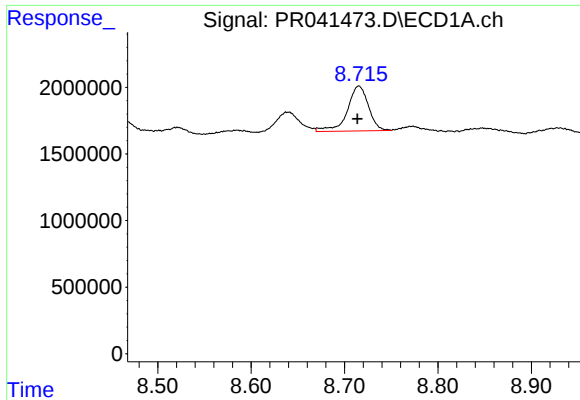
#36 AR-1262-1

R.T.: 8.198 min
Delta R.T.: 0.002 min
Response: 1031872
Conc: 13.40 ng/ml



#36 AR-1262-1

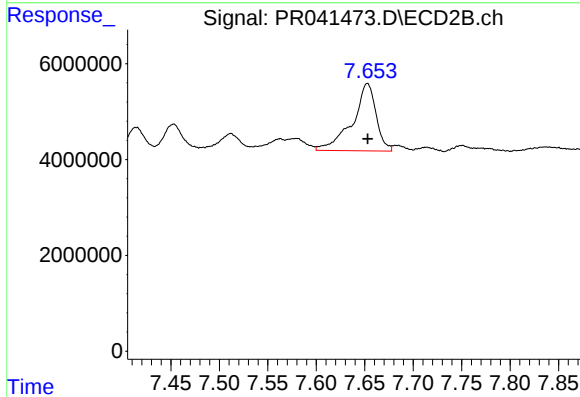
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 26997635
Conc: 80.66 ng/ml



#37 AR-1262-2

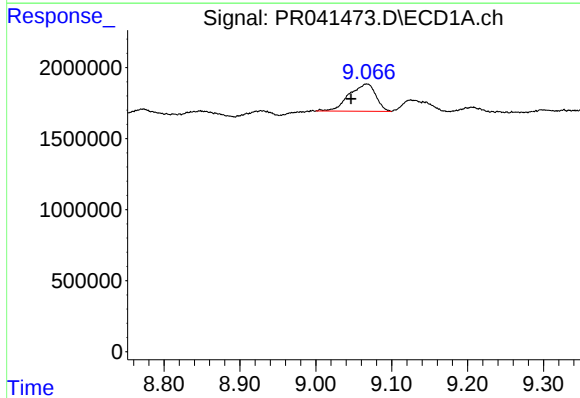
R.T.: 8.715 min
Delta R.T.: 0.001 min
Response: 5297767
Conc: 13.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



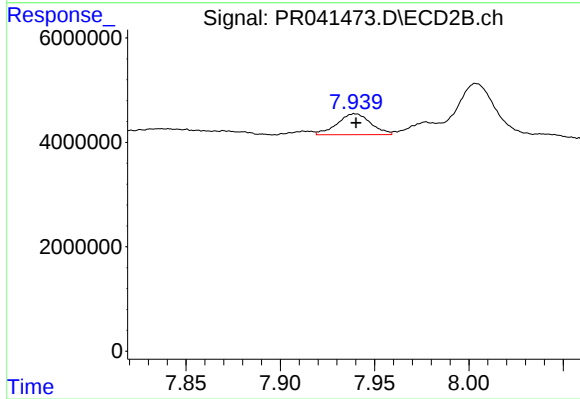
#37 AR-1262-2

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 23955774
Conc: 17.35 ng/ml



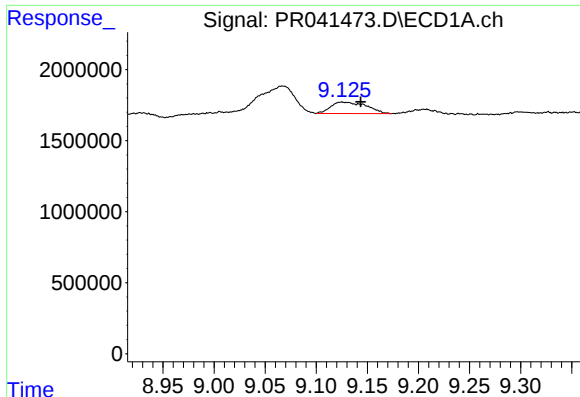
#38 AR-1262-3

R.T.: 9.067 min
Delta R.T.: 0.021 min
Response: 4701454
Conc: 17.83 ng/ml



#38 AR-1262-3

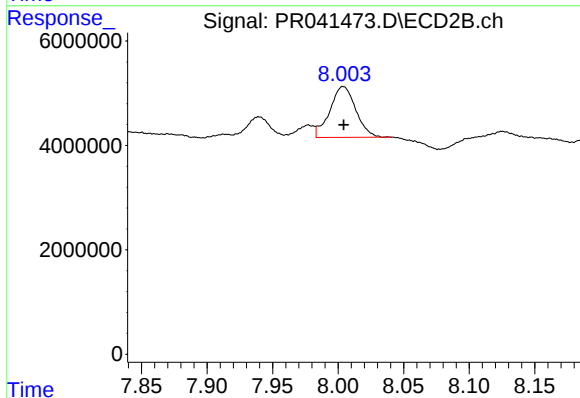
R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 4955755
Conc: 8.66 ng/ml



#39 AR-1262-4

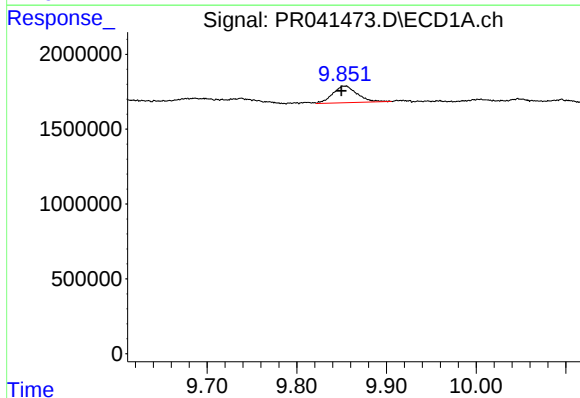
R.T.: 9.125 min
Delta R.T.: -0.019 min
Response: 1951101
Conc: 9.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



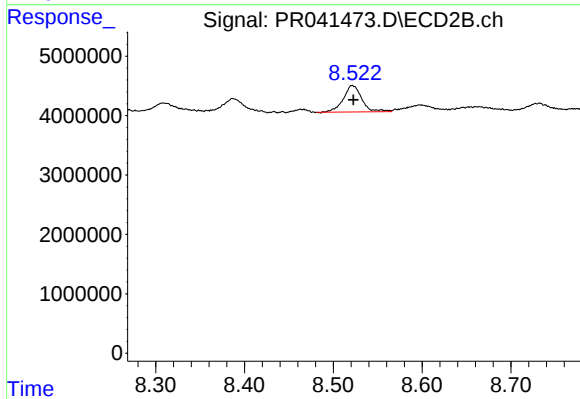
#39 AR-1262-4

R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 13424634
Conc: 13.25 ng/ml



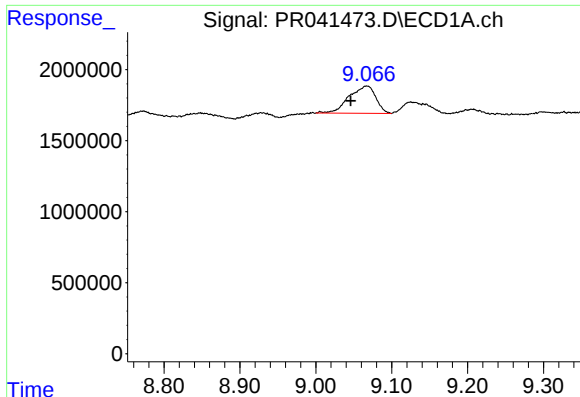
#40 AR-1262-5

R.T.: 9.853 min
Delta R.T.: 0.004 min
Response: 2088797
Conc: 13.34 ng/ml



#40 AR-1262-5

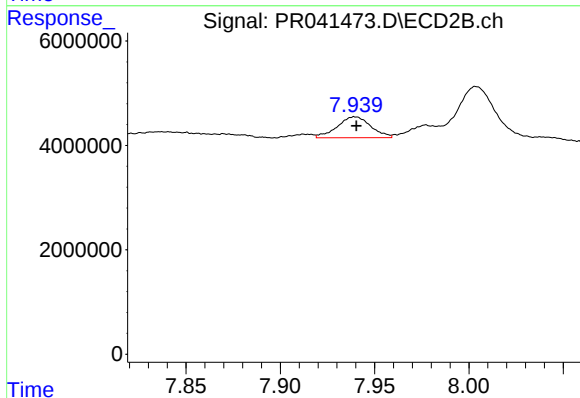
R.T.: 8.521 min
Delta R.T.: 0.000 min
Response: 6447975
Conc: 11.52 ng/ml



#41 AR-1268-1

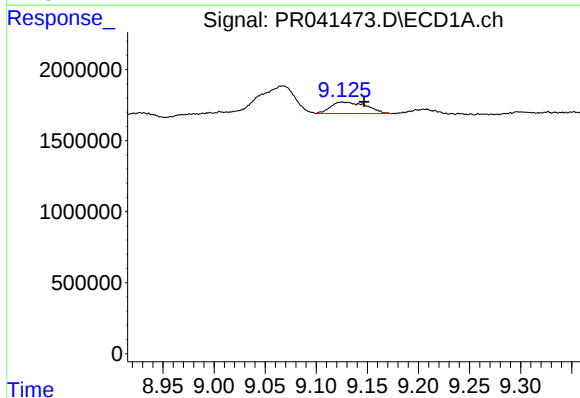
R.T.: 9.067 min
Delta R.T.: 0.021 min
Response: 4701454
Conc: 9.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



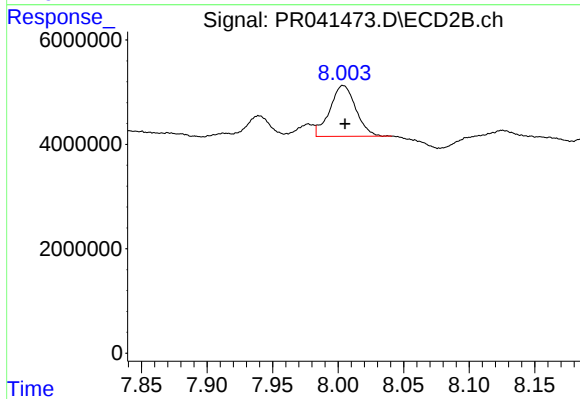
#41 AR-1268-1

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 4955755
Conc: 2.93 ng/ml



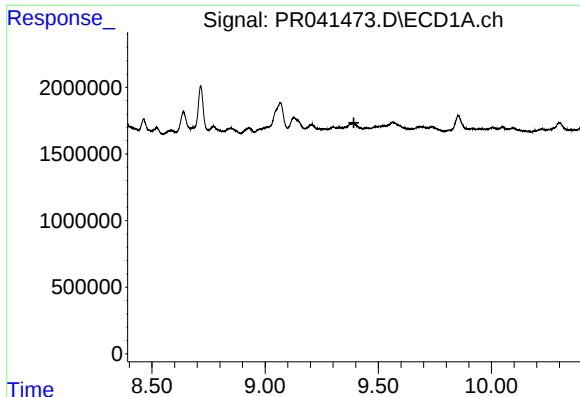
#42 AR-1268-2

R.T.: 9.125 min
Delta R.T.: -0.022 min
Response: 1951101
Conc: 4.41 ng/ml



#42 AR-1268-2

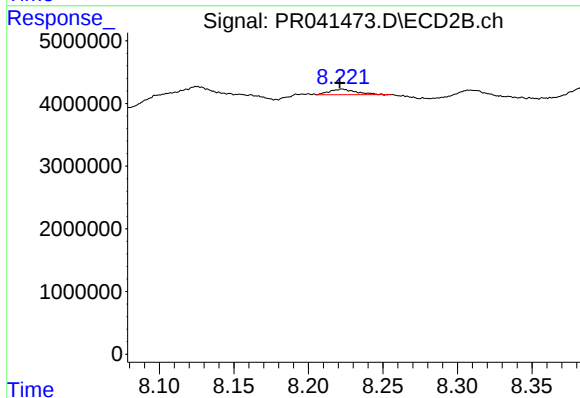
R.T.: 8.004 min
Delta R.T.: -0.001 min
Response: 13424634
Conc: 8.58 ng/ml



#43 AR-1268-3

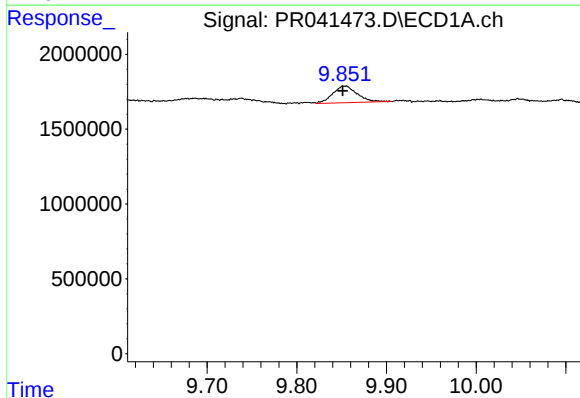
R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNY4



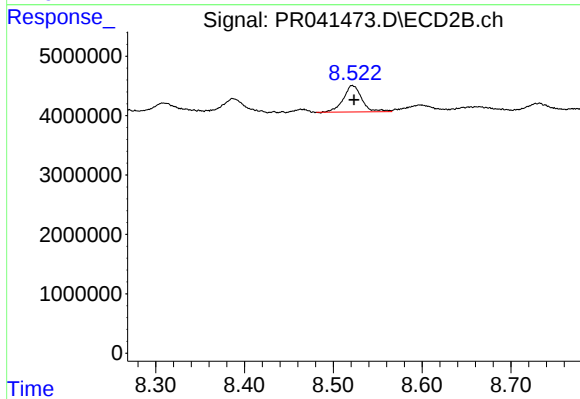
#43 AR-1268-3

R.T.: 8.223 min
Delta R.T.: 0.002 min
Response: 1086347
Conc: 0.82 ng/ml



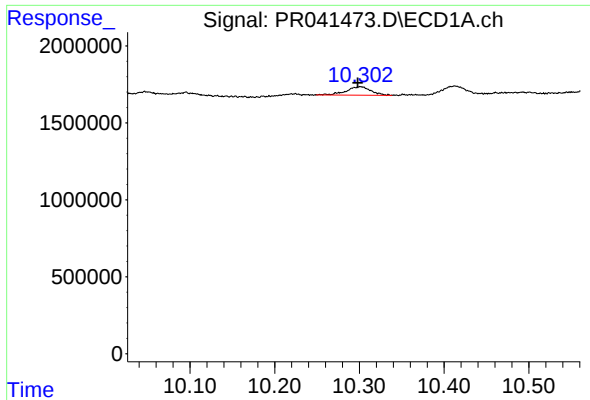
#44 AR-1268-4

R.T.: 9.853 min
Delta R.T.: 0.002 min
Response: 2088797
Conc: 11.93 ng/ml



#44 AR-1268-4

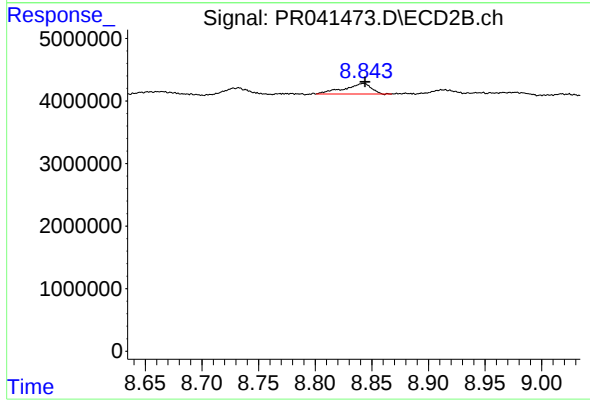
R.T.: 8.521 min
Delta R.T.: -0.002 min
Response: 6447975
Conc: 10.74 ng/ml



#45 AR-1268-5

R.T.: 10.301 min
Delta R.T.: 0.003 min
Response: 1119060
Conc: 0.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY4



#45 AR-1268-5

R.T.: 8.842 min
Delta R.T.: -0.001 min
Response: 2804837
Conc: 0.64 ng/ml