

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092619\
 Data File : PR041521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2019 11:05
 Operator : SM\AJ
 Sample : K4988-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNY7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:32:28 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	4.005	16773743	72534544	12.636	11.991
2)	SA Decachlor...	10.661	9.121	44543416	136.4E6	13.955	12.640
Target Compounds							
3)	L1 AR-1016-1	5.914	5.102	7467035	26778256	116.769	181.732 #
4)	L1 AR-1016-2	5.936	5.123	14868041	37705551	163.273	183.142
5)	L1 AR-1016-3	6.002	5.301	2182717	20093235	39.776	169.795 #
6)	L1 AR-1016-4	6.099	5.340	8892746	44103866	185.403	452.737 #
7)	L1 AR-1016-5	6.393	5.556	23750435	50705906	480.079	364.729
9)	L2 AR-1221-2	0.000	4.306	0	681982	N.D.	19.556 #
12)	L3 AR-1232-2	5.645	5.123	13252658	37705551	810.067	387.698 #
13)	L3 AR-1232-3	5.936	5.301	14868041	20093235	392.170	447.475
14)	L3 AR-1232-4	6.099	5.383	8892746	44683730	481.948	1066.785 #
15)	L3 AR-1232-5	6.186	5.556	19419326	50705906	1405.396	947.878 #
16)	L4 AR-1242-1	5.914	5.102	7467035	26778256	145.170	238.811 #
17)	L4 AR-1242-2	5.936	5.123	14868041	37705551	203.993	235.824
18)	L4 AR-1242-3	6.002	5.301	2182717	20093235	49.364	221.520 #
19)	L4 AR-1242-4	6.099	5.383	8892746	44683730	242.411	474.827 #
20)	L4 AR-1242-5	6.835	5.910	64932751	157.4E6	1266.779	927.957 #
21)	L5 AR-1248-1	5.914	5.102	7467035	26778256	203.429	317.700 #
22)	L5 AR-1248-2	6.186	5.340	19419326	44103866	352.549	362.611
23)	L5 AR-1248-3	6.393	5.383	23750435	44683730	369.886	352.455
24)	L5 AR-1248-4	6.796	5.556	43789736	50705906	513.103	302.097 #
25)	L5 AR-1248-5	6.835	5.952	64932751	165.2E6	796.871	758.961
26)	L6 AR-1254-1	6.769	5.910	35347135	157.4E6	424.758	485.405
27)	L6 AR-1254-2	6.992	6.057	63128217	82454572	449.264	269.897 #
28)	L6 AR-1254-3	7.356	6.464	36572950	145.8E6	215.850	260.595
29)	L6 AR-1254-4	7.640	6.692	45401191	136.4E6	334.461	319.559
30)	L6 AR-1254-5	8.059	7.112	29622062	87896539	192.640	151.933
31)	L7 AR-1260-1	7.518	6.609	14001559	58947655	118.238	151.348 #
32)	L7 AR-1260-2	7.771	6.781	18829221	42079627	127.594	78.057 #
33)	L7 AR-1260-3	8.132	6.937	8240647	40056709	71.058	85.754
34)	L7 AR-1260-4	8.366	7.414	18968579	25203856	132.856	59.469 #
35)	L7 AR-1260-5	8.713	7.650	19995527	77209147	64.902	63.385
36)	L8 AR-1262-1	8.195	7.112	3920501	87896539	50.903	262.609 #
37)	L8 AR-1262-2	8.713	7.650	19995527	77209147	52.740	55.910
38)	L8 AR-1262-3	9.065	7.937	11652258	14113370	44.194	24.676 #
39)	L8 AR-1262-4	9.121	8.000	3788936	34213734	19.188	33.762 #
40)	L8 AR-1262-5	9.849	8.518	4904923	22981844	31.326	41.054 #
41)	L9 AR-1268-1	9.065	7.937	11652258	14113370	24.230	8.340 #
42)	L9 AR-1268-2	9.121	8.000	3788936	34213734	8.567	21.870 #
43)	L9 AR-1268-3	9.393	8.220	2498834	3420107	6.763	2.585 #
44)	L9 AR-1268-4	9.849	8.518	4904923	22981844	28.016	38.293 #

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 QLast Update : Tue Sep 24 04:36:18 2019
 Response via : Initial Calibration
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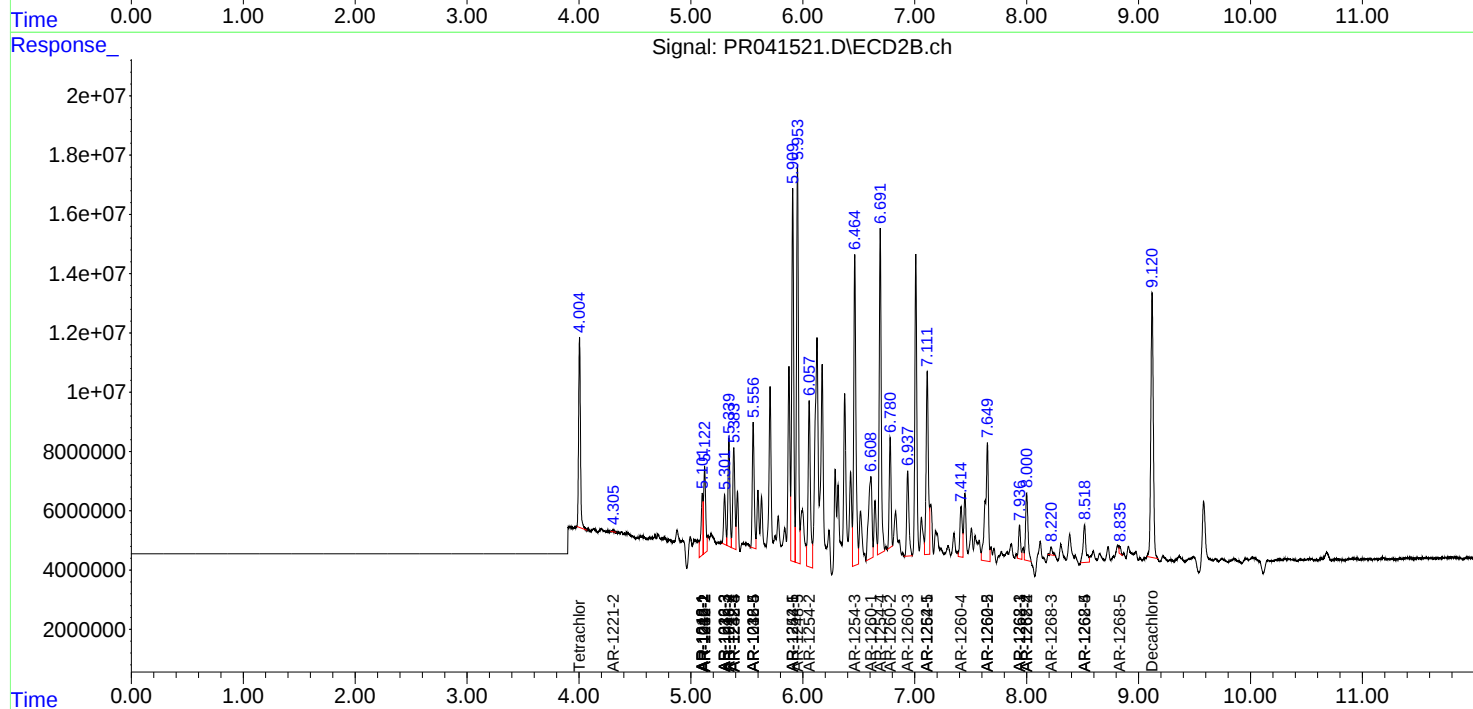
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

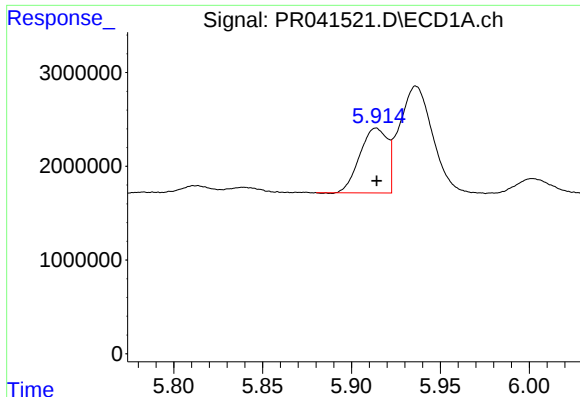
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.295	8.833	3380335	2588581	2.390	0.587 #

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

Instrument :
ECD_R
ClientSampleId :
ESNY7

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

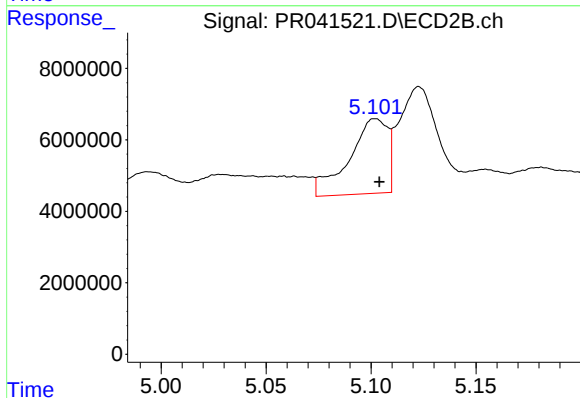




#3 AR-1016-1

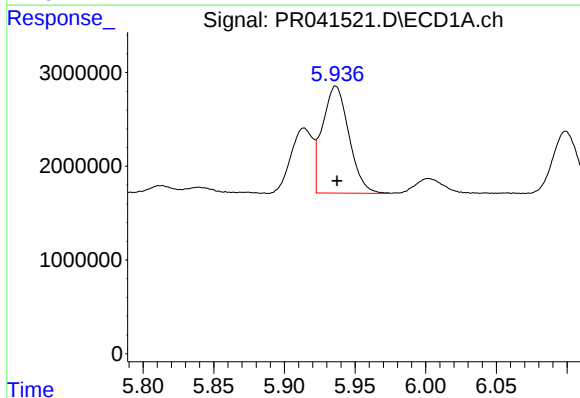
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7467035
Conc: 116.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



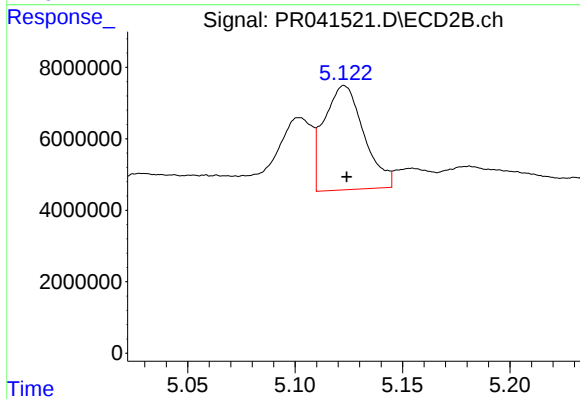
#3 AR-1016-1

R.T.: 5.102 min
Delta R.T.: -0.002 min
Response: 26778256
Conc: 181.73 ng/ml



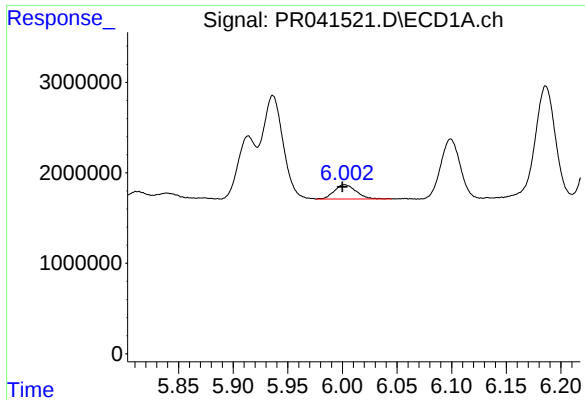
#4 AR-1016-2

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 14868041
Conc: 163.27 ng/ml



#4 AR-1016-2

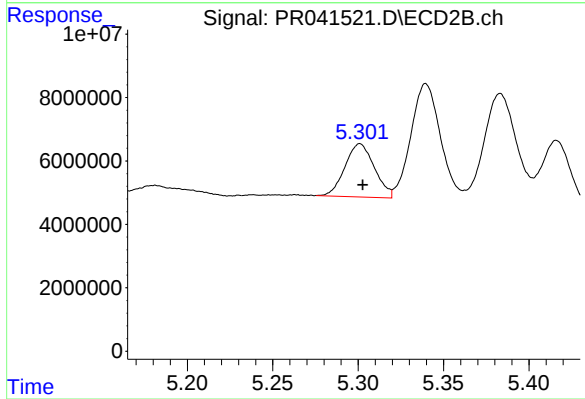
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 37705551
Conc: 183.14 ng/ml



#5 AR-1016-3

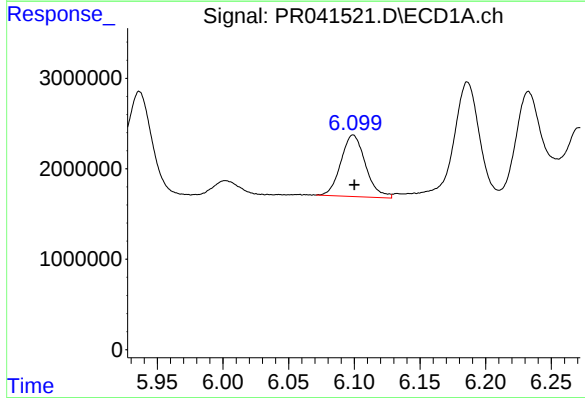
R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 2182717
Conc: 39.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



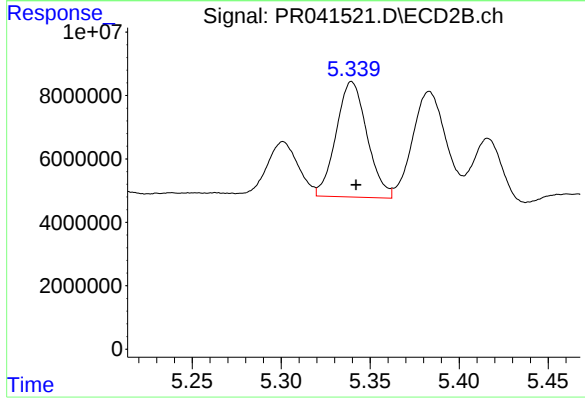
#5 AR-1016-3

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 20093235
Conc: 169.80 ng/ml



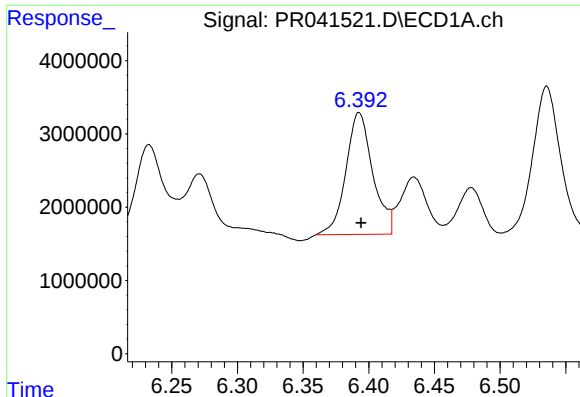
#6 AR-1016-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 8892746
Conc: 185.40 ng/ml



#6 AR-1016-4

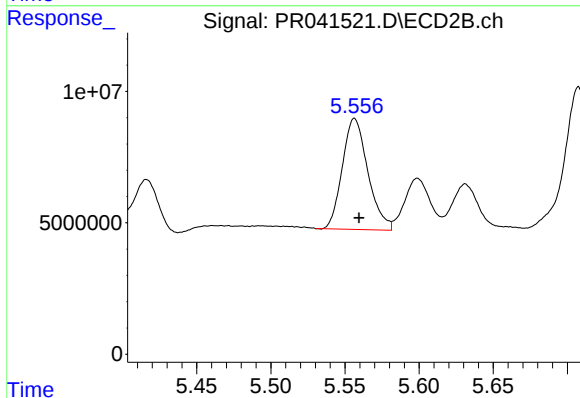
R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 44103866
Conc: 452.74 ng/ml



#7 AR-1016-5

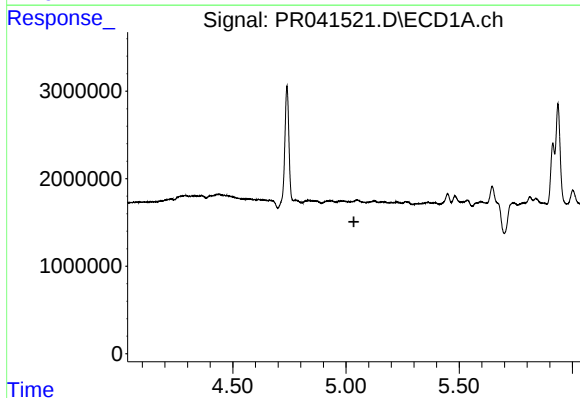
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 23750435
Conc: 480.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



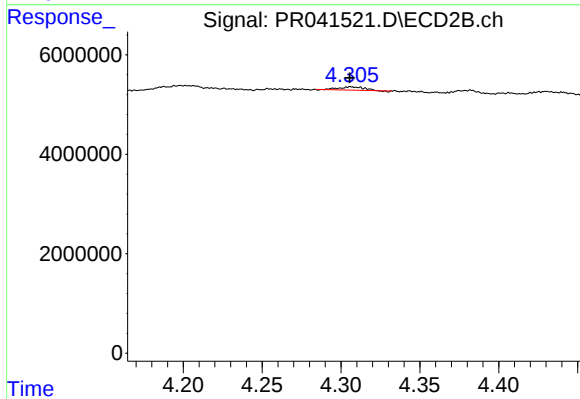
#7 AR-1016-5

R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 50705906
Conc: 364.73 ng/ml



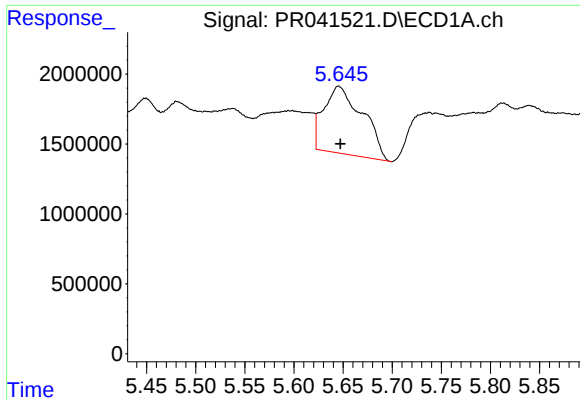
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.



#9 AR-1221-2

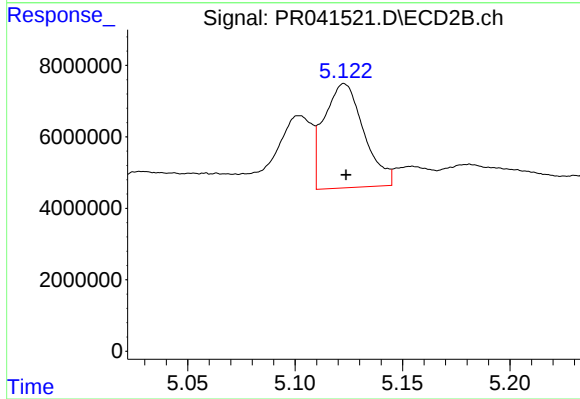
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 681982
Conc: 19.56 ng/ml



#12 AR-1232-2

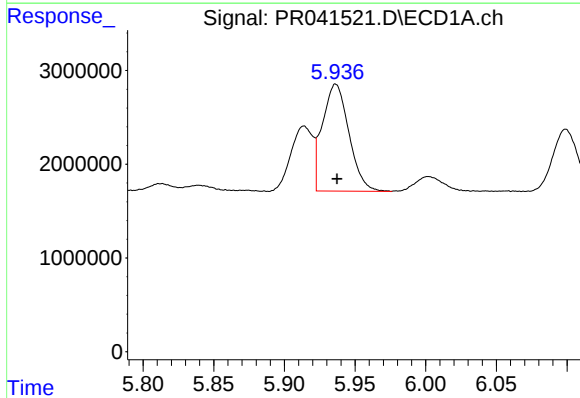
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 13252658
Conc: 810.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



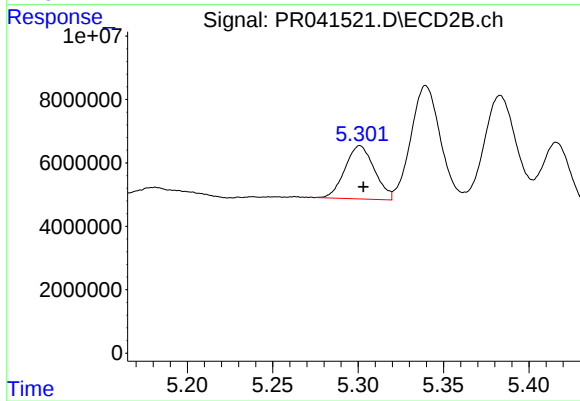
#12 AR-1232-2

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 37705551
Conc: 387.70 ng/ml



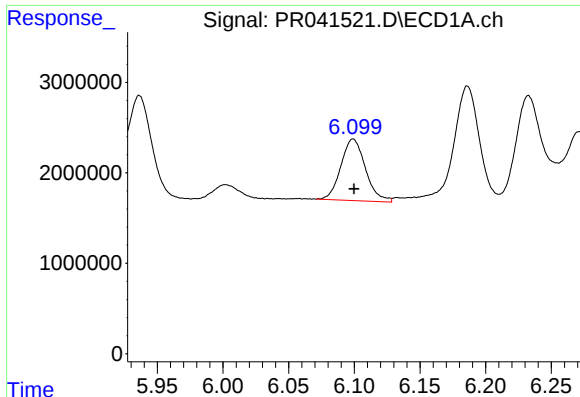
#13 AR-1232-3

R.T.: 5.936 min
Delta R.T.: -0.001 min
Response: 14868041
Conc: 392.17 ng/ml



#13 AR-1232-3

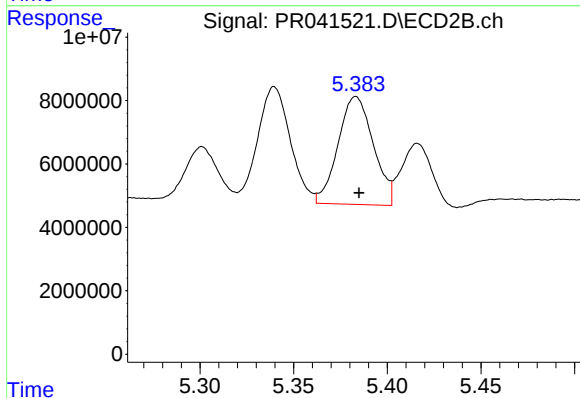
R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 20093235
Conc: 447.48 ng/ml



#14 AR-1232-4

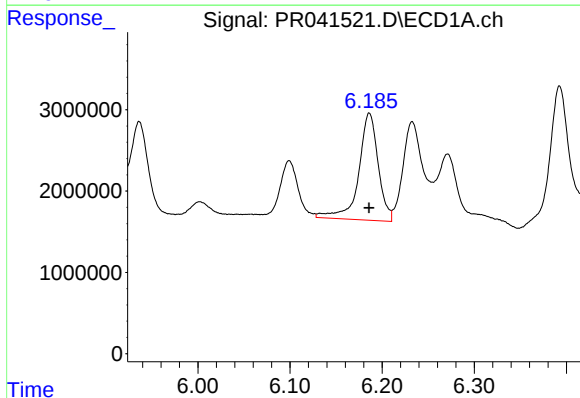
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 8892746
Conc: 481.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



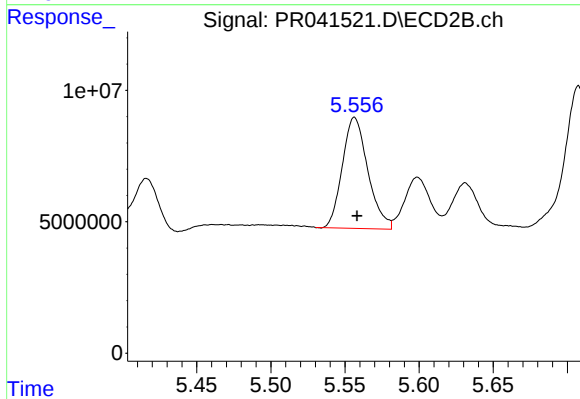
#14 AR-1232-4

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 44683730
Conc: 1066.78 ng/ml



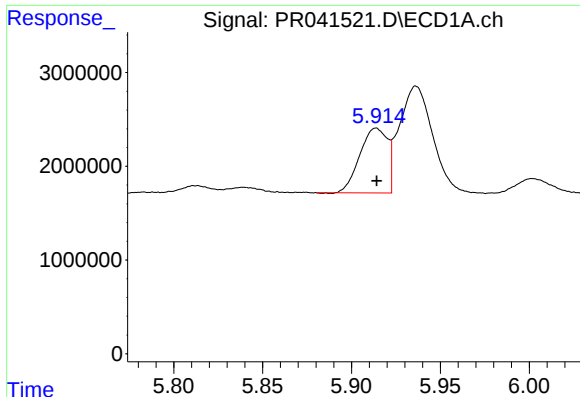
#15 AR-1232-5

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 19419326
Conc: 1405.40 ng/ml



#15 AR-1232-5

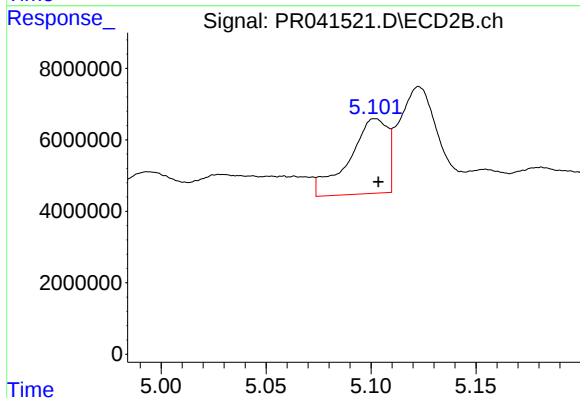
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 50705906
Conc: 947.88 ng/ml



#16 AR-1242-1

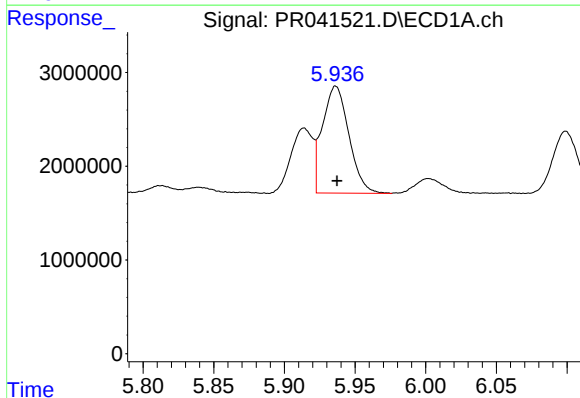
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7467035
Conc: 145.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



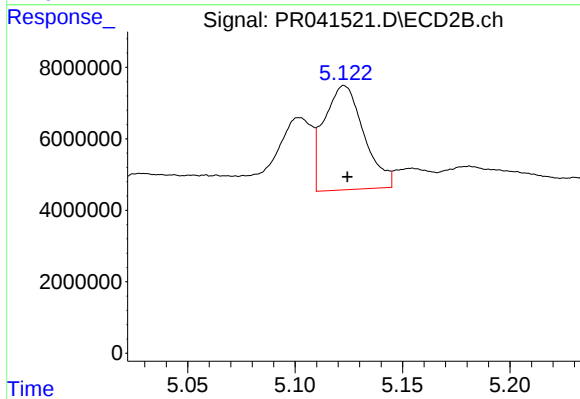
#16 AR-1242-1

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 26778256
Conc: 238.81 ng/ml



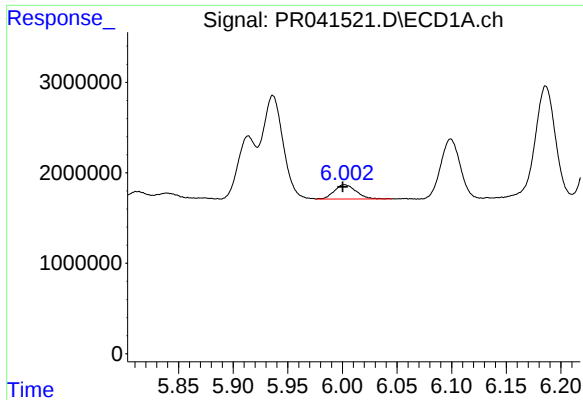
#17 AR-1242-2

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 14868041
Conc: 203.99 ng/ml



#17 AR-1242-2

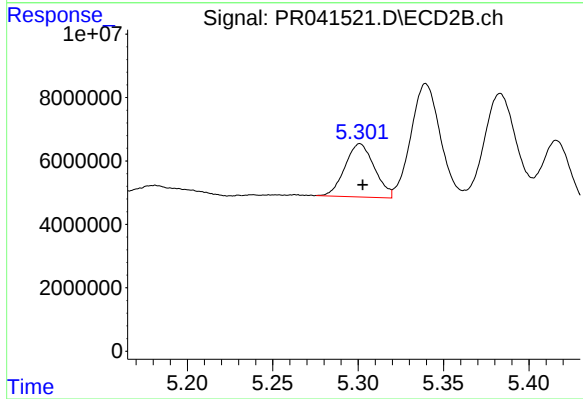
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 37705551
Conc: 235.82 ng/ml



#18 AR-1242-3

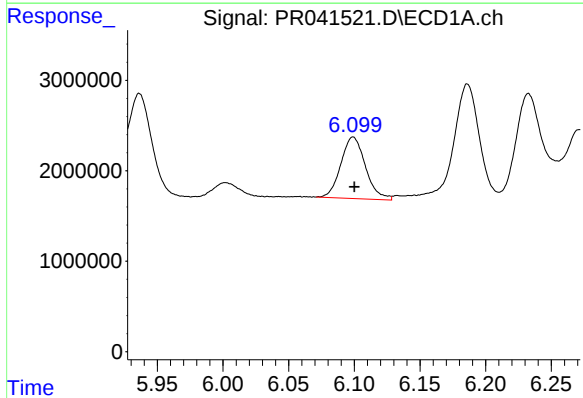
R.T.: 6.002 min
Delta R.T.: 0.001 min
Response: 2182717
Conc: 49.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



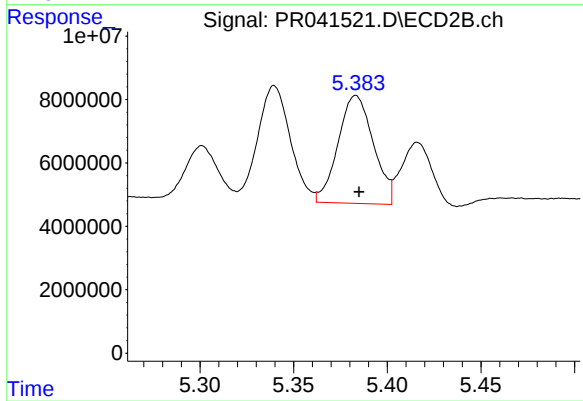
#18 AR-1242-3

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 20093235
Conc: 221.52 ng/ml



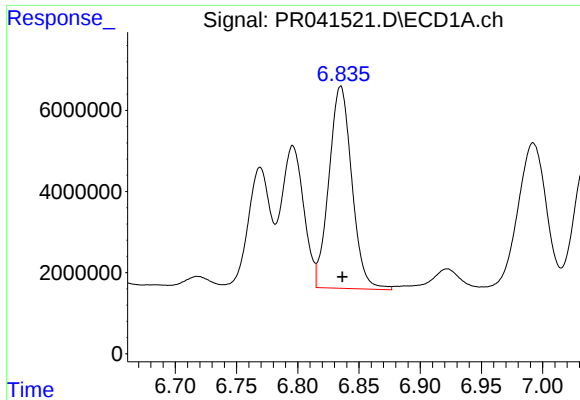
#19 AR-1242-4

R.T.: 6.099 min
Delta R.T.: -0.001 min
Response: 8892746
Conc: 242.41 ng/ml



#19 AR-1242-4

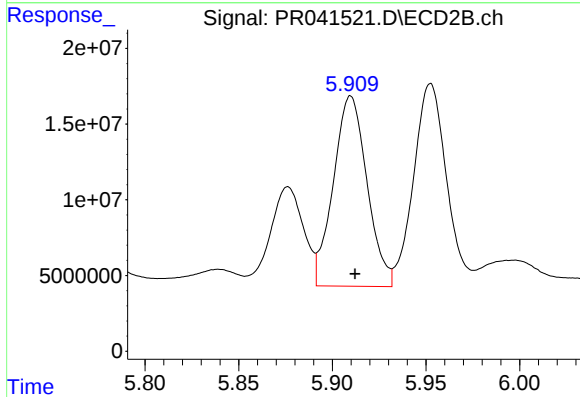
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 44683730
Conc: 474.83 ng/ml



#20 AR-1242-5

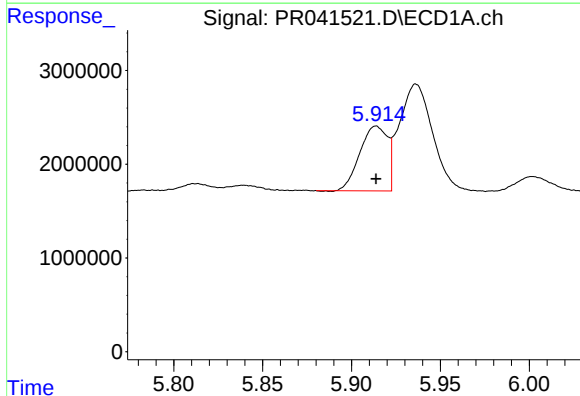
R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 64932751
Conc: 1266.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



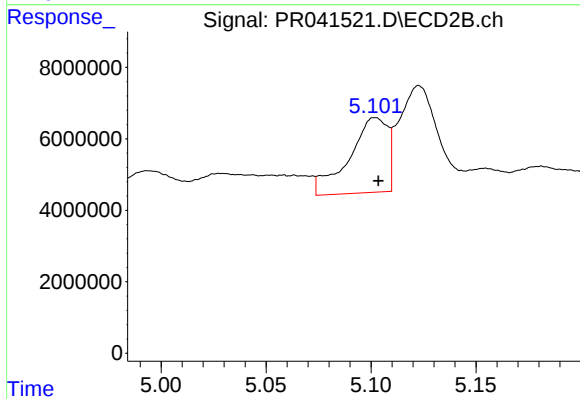
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 157416670
Conc: 927.96 ng/ml



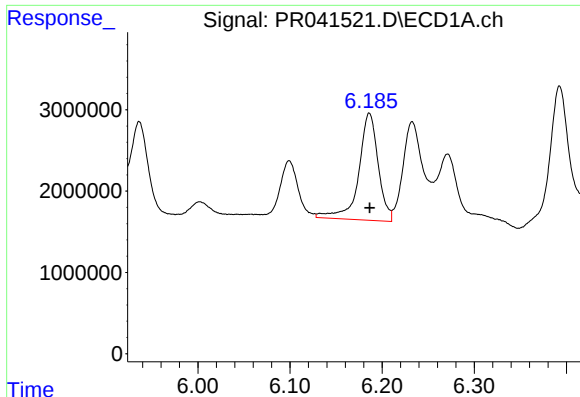
#21 AR-1248-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7467035
Conc: 203.43 ng/ml



#21 AR-1248-1

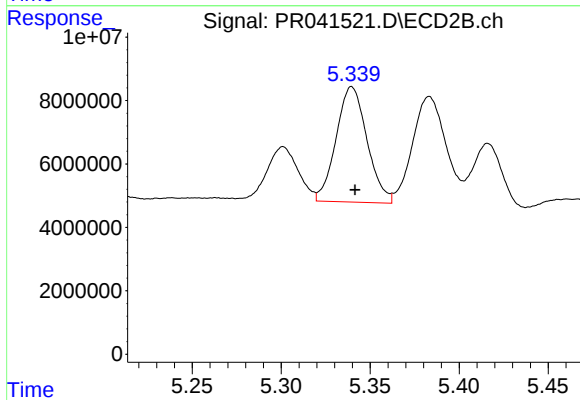
R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 26778256
Conc: 317.70 ng/ml



#22 AR-1248-2

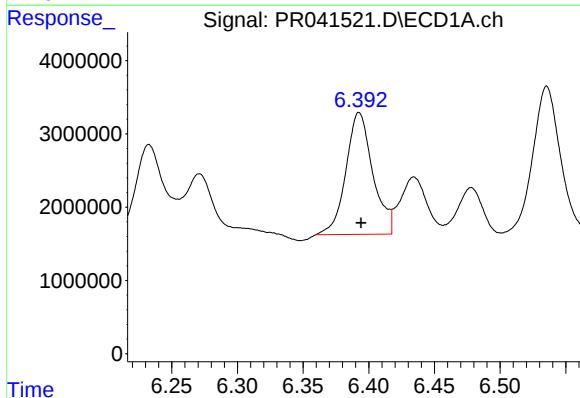
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 19419326
Conc: 352.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



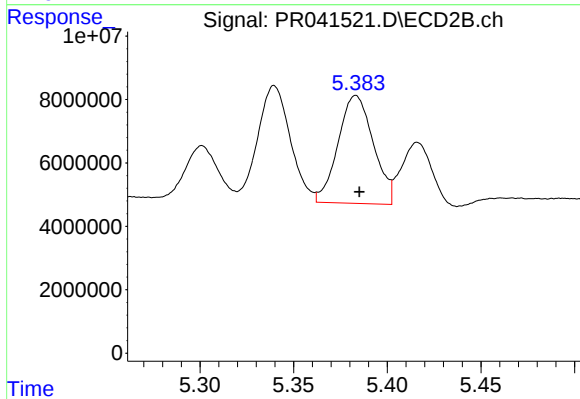
#22 AR-1248-2

R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 44103866
Conc: 362.61 ng/ml



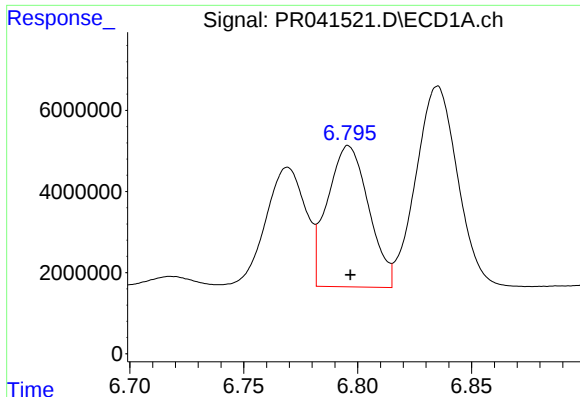
#23 AR-1248-3

R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 23750435
Conc: 369.89 ng/ml



#23 AR-1248-3

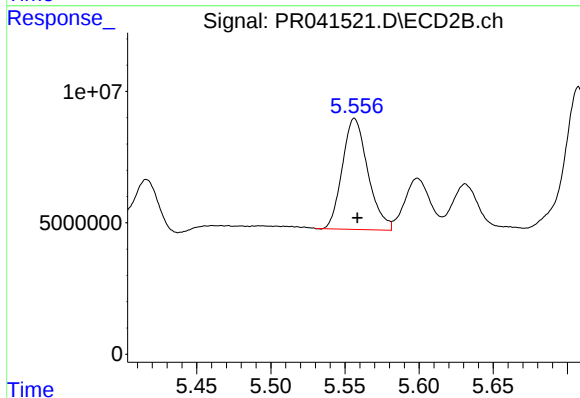
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 44683730
Conc: 352.45 ng/ml



#24 AR-1248-4

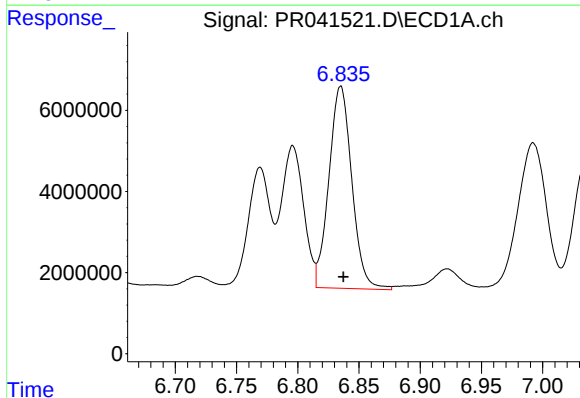
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 43789736
Conc: 513.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



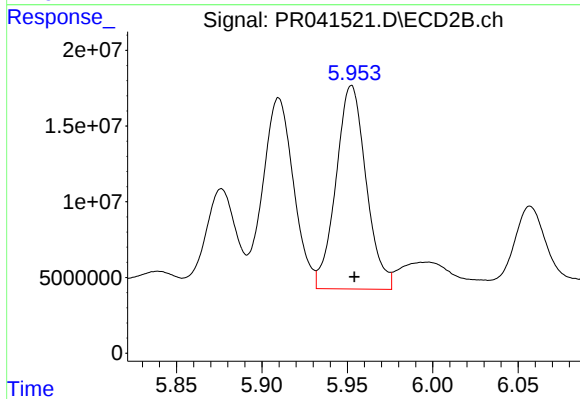
#24 AR-1248-4

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 50705906
Conc: 302.10 ng/ml



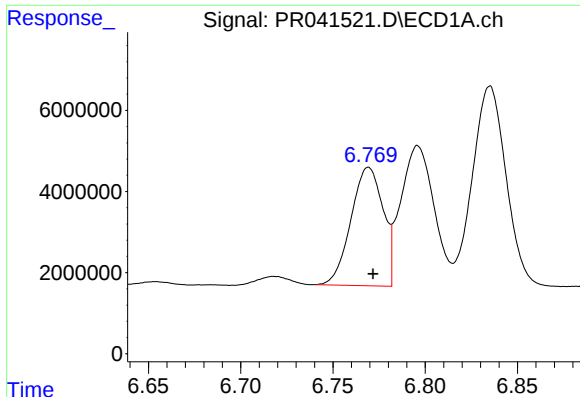
#25 AR-1248-5

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 64932751
Conc: 796.87 ng/ml



#25 AR-1248-5

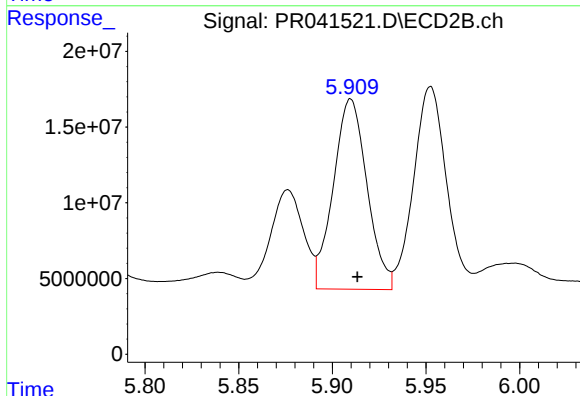
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 165249971
Conc: 758.96 ng/ml



#26 AR-1254-1

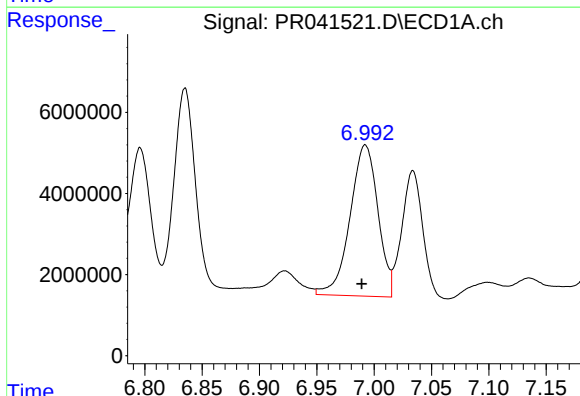
R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 35347135
Conc: 424.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



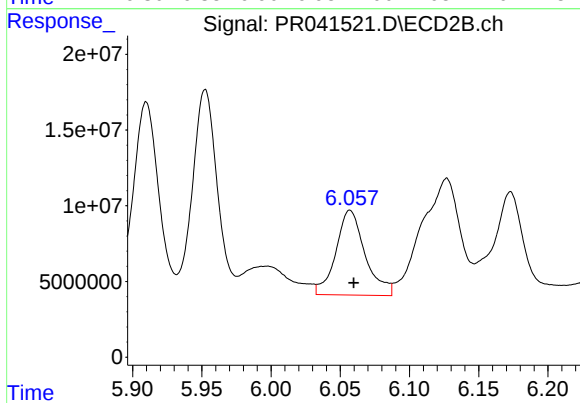
#26 AR-1254-1

R.T.: 5.910 min
Delta R.T.: -0.004 min
Response: 157416670
Conc: 485.40 ng/ml



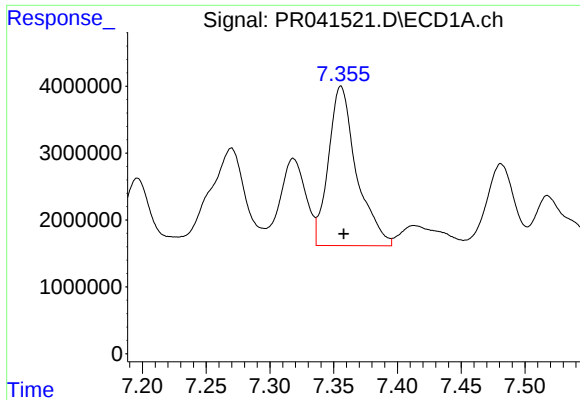
#27 AR-1254-2

R.T.: 6.992 min
Delta R.T.: 0.003 min
Response: 63128217
Conc: 449.26 ng/ml



#27 AR-1254-2

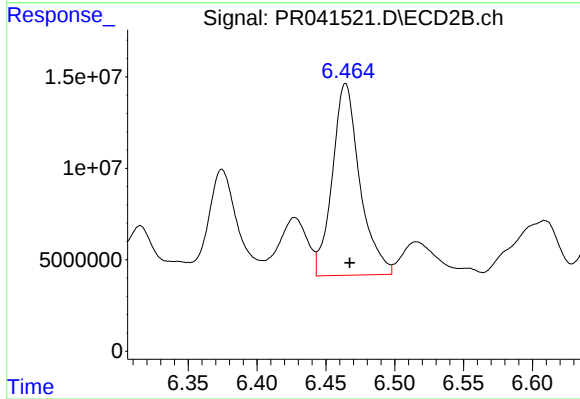
R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 82454572
Conc: 269.90 ng/ml



#28 AR-1254-3

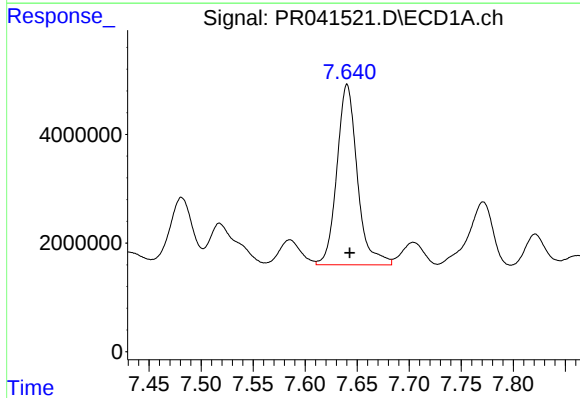
R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 36572950
Conc: 215.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



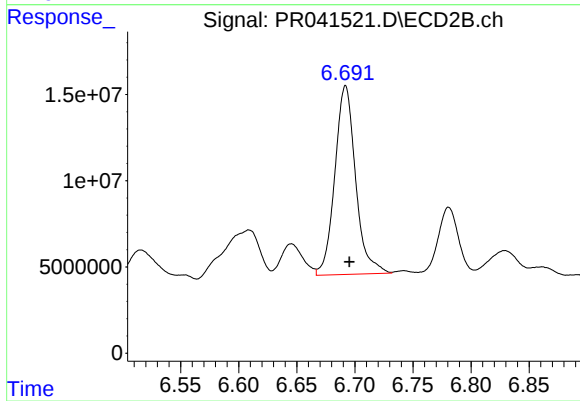
#28 AR-1254-3

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 145818941
Conc: 260.59 ng/ml



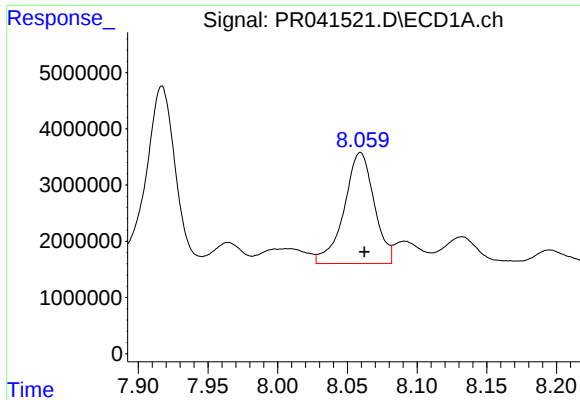
#29 AR-1254-4

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 45401191
Conc: 334.46 ng/ml



#29 AR-1254-4

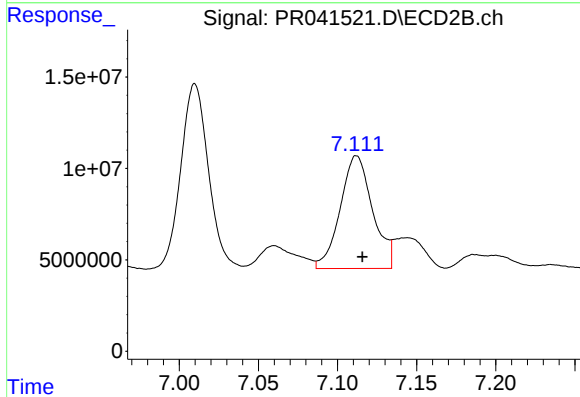
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 136373742
Conc: 319.56 ng/ml



#30 AR-1254-5

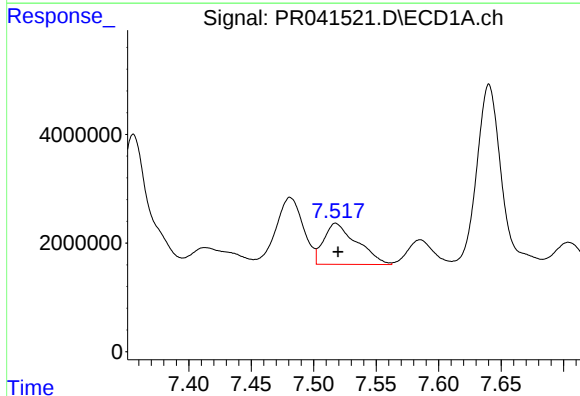
R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 29622062
Conc: 192.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



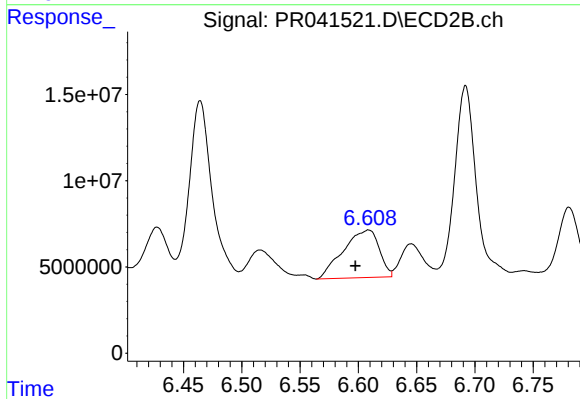
#30 AR-1254-5

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 87896539
Conc: 151.93 ng/ml



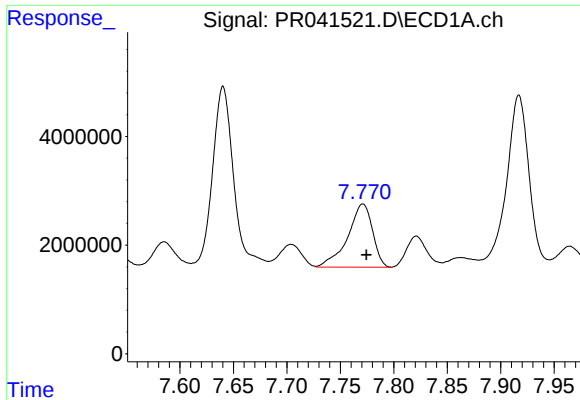
#31 AR-1260-1

R.T.: 7.518 min
Delta R.T.: -0.002 min
Response: 14001559
Conc: 118.24 ng/ml



#31 AR-1260-1

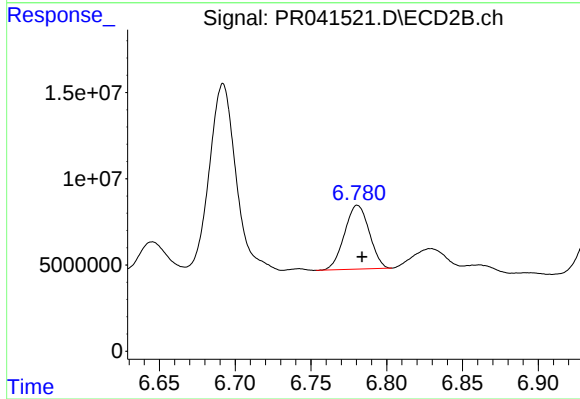
R.T.: 6.609 min
Delta R.T.: 0.011 min
Response: 58947655
Conc: 151.35 ng/ml



#32 AR-1260-2

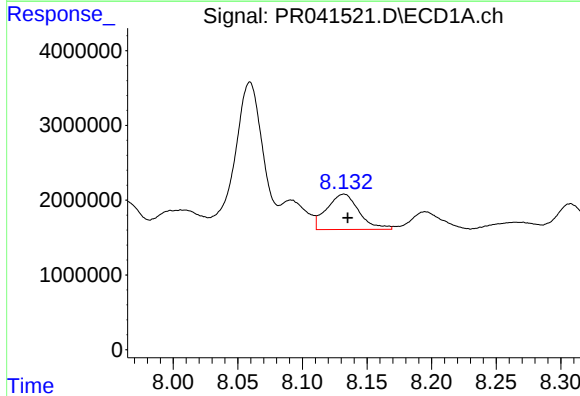
R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 18829221
Conc: 127.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



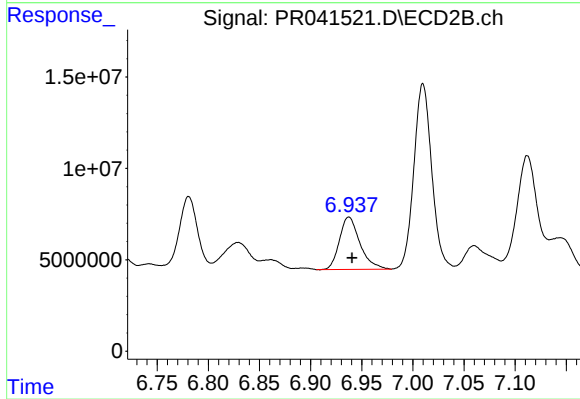
#32 AR-1260-2

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 42079627
Conc: 78.06 ng/ml



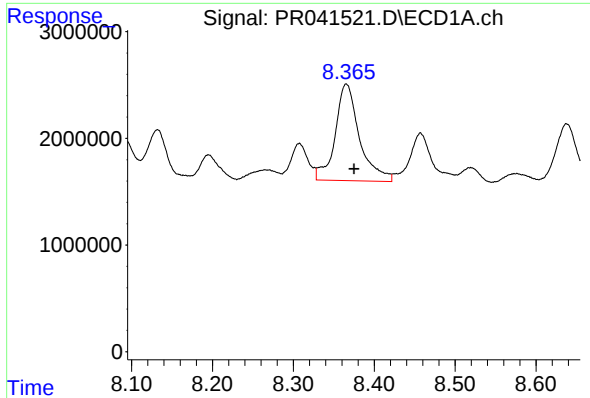
#33 AR-1260-3

R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 8240647
Conc: 71.06 ng/ml



#33 AR-1260-3

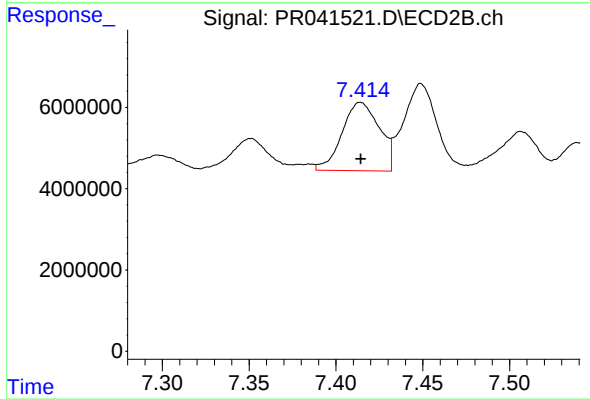
R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 40056709
Conc: 85.75 ng/ml



#34 AR-1260-4

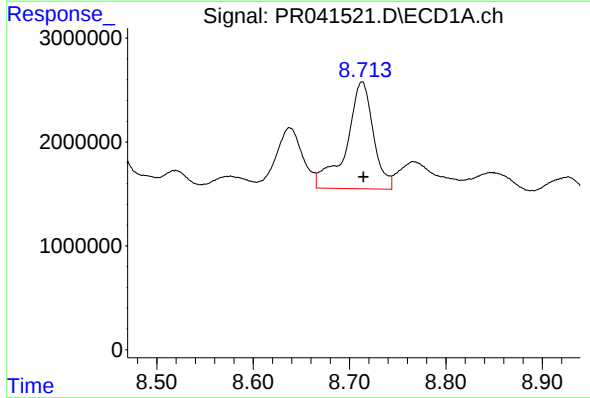
R.T.: 8.366 min
Delta R.T.: -0.010 min
Response: 18968579
Conc: 132.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



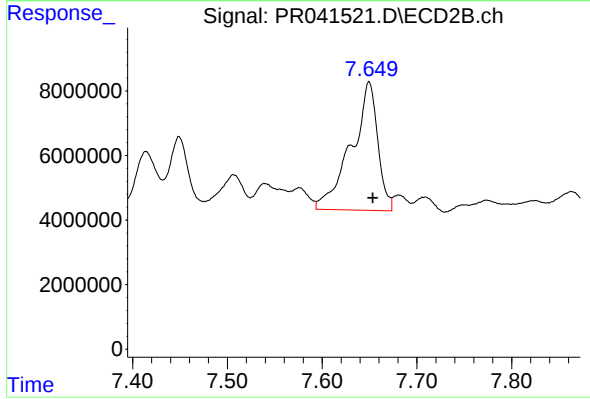
#34 AR-1260-4

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 25203856
Conc: 59.47 ng/ml



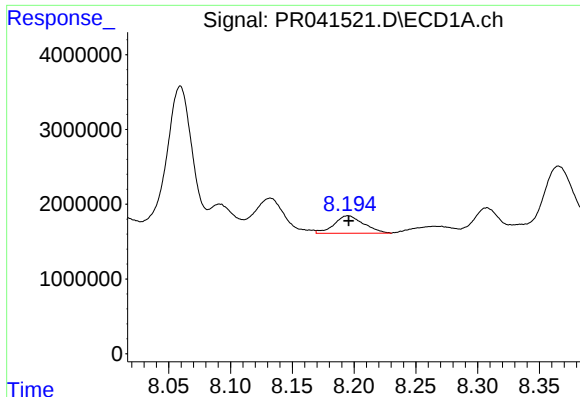
#35 AR-1260-5

R.T.: 8.713 min
Delta R.T.: -0.001 min
Response: 19995527
Conc: 64.90 ng/ml



#35 AR-1260-5

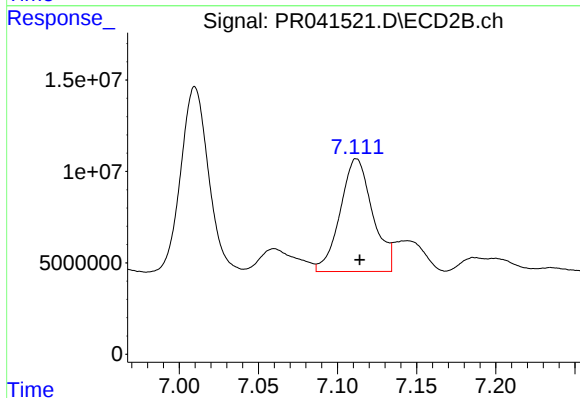
R.T.: 7.650 min
Delta R.T.: -0.004 min
Response: 77209147
Conc: 63.38 ng/ml



#36 AR-1262-1

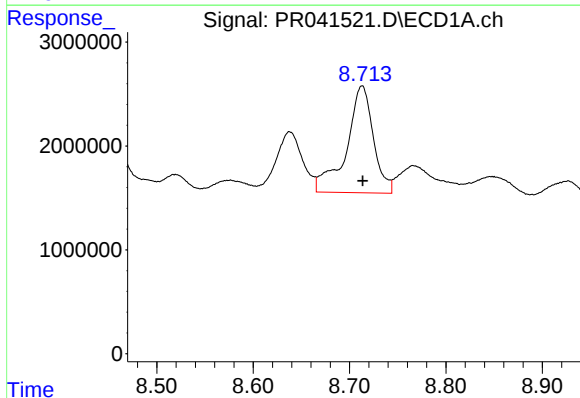
R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 3920501
Conc: 50.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



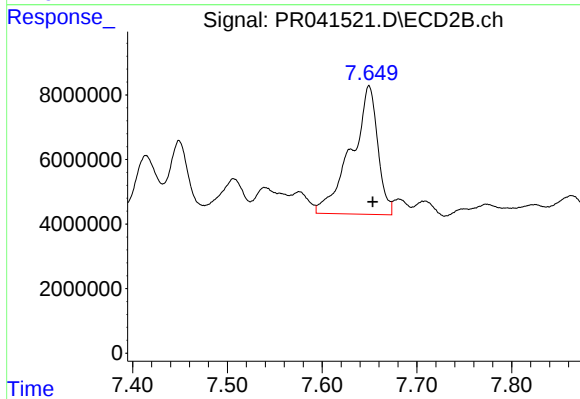
#36 AR-1262-1

R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 87896539
Conc: 262.61 ng/ml



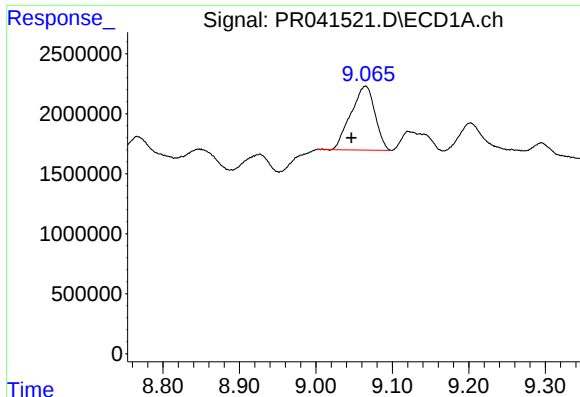
#37 AR-1262-2

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 19995527
Conc: 52.74 ng/ml



#37 AR-1262-2

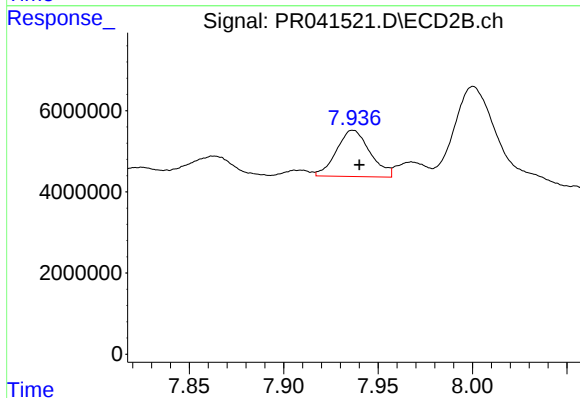
R.T.: 7.650 min
Delta R.T.: -0.004 min
Response: 77209147
Conc: 55.91 ng/ml



#38 AR-1262-3

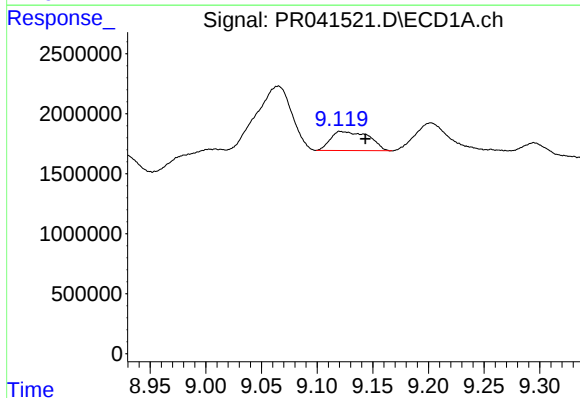
R.T.: 9.065 min
Delta R.T.: 0.018 min
Response: 11652258
Conc: 44.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



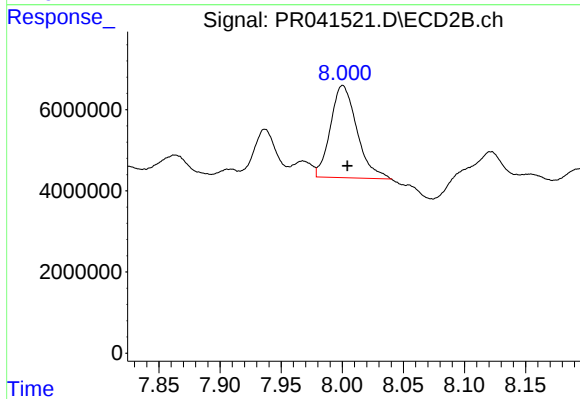
#38 AR-1262-3

R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 14113370
Conc: 24.68 ng/ml



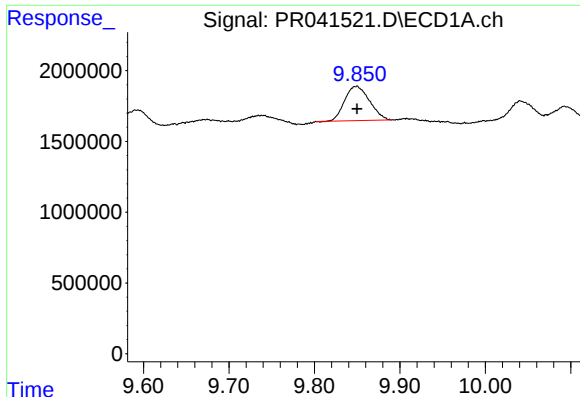
#39 AR-1262-4

R.T.: 9.121 min
Delta R.T.: -0.023 min
Response: 3788936
Conc: 19.19 ng/ml



#39 AR-1262-4

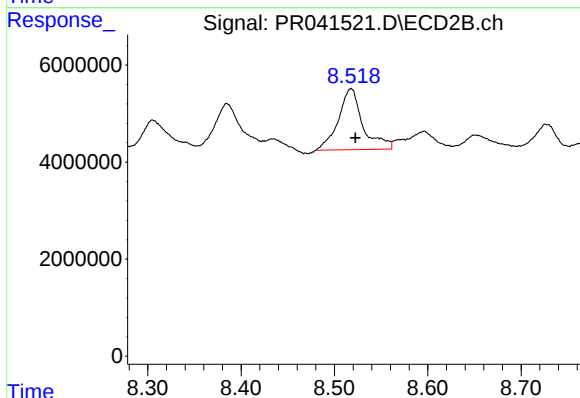
R.T.: 8.000 min
Delta R.T.: -0.004 min
Response: 34213734
Conc: 33.76 ng/ml



#40 AR-1262-5

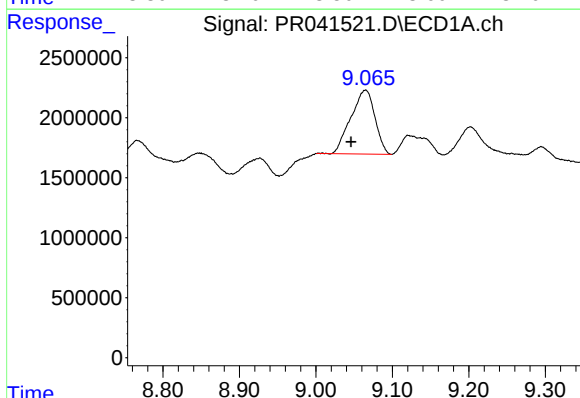
R.T.: 9.849 min
Delta R.T.: 0.000 min
Response: 4904923
Conc: 31.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



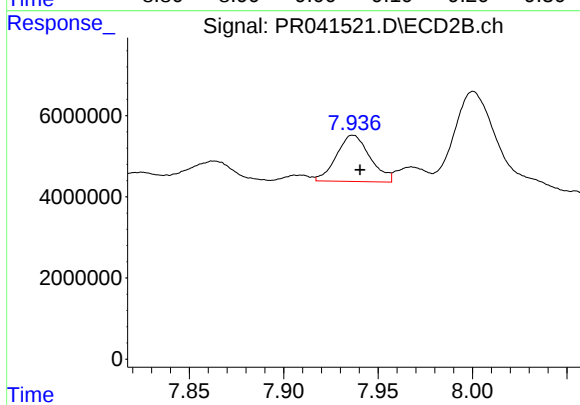
#40 AR-1262-5

R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 22981844
Conc: 41.05 ng/ml



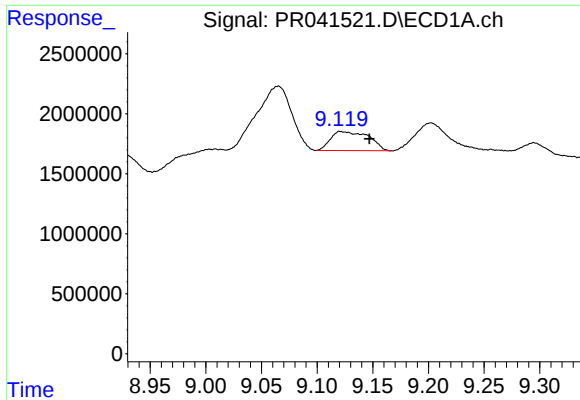
#41 AR-1268-1

R.T.: 9.065 min
Delta R.T.: 0.019 min
Response: 11652258
Conc: 24.23 ng/ml



#41 AR-1268-1

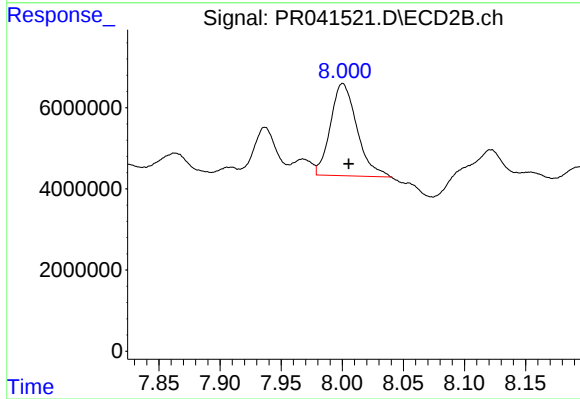
R.T.: 7.937 min
Delta R.T.: -0.004 min
Response: 14113370
Conc: 8.34 ng/ml



#42 AR-1268-2

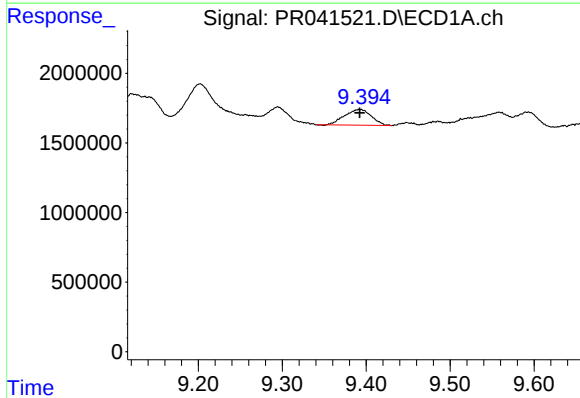
R.T.: 9.121 min
Delta R.T.: -0.026 min
Response: 3788936
Conc: 8.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



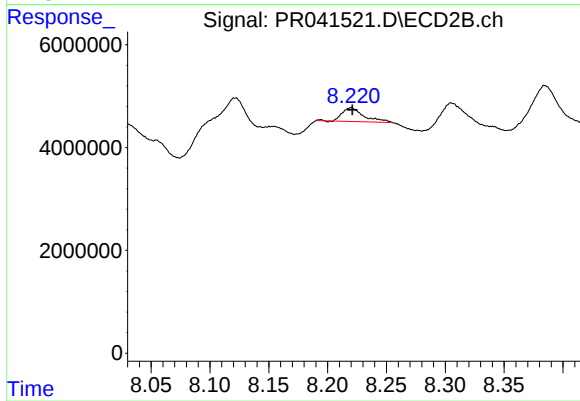
#42 AR-1268-2

R.T.: 8.000 min
Delta R.T.: -0.005 min
Response: 34213734
Conc: 21.87 ng/ml



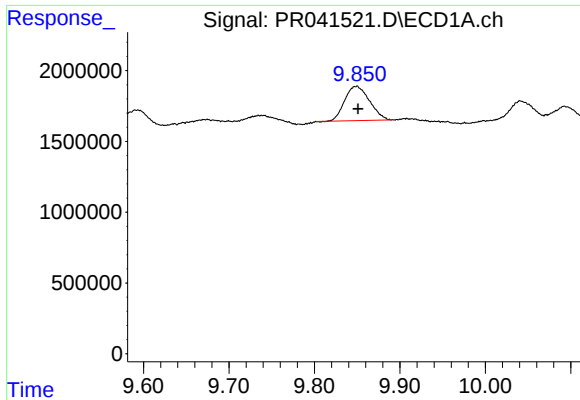
#43 AR-1268-3

R.T.: 9.393 min
Delta R.T.: 0.000 min
Response: 2498834
Conc: 6.76 ng/ml



#43 AR-1268-3

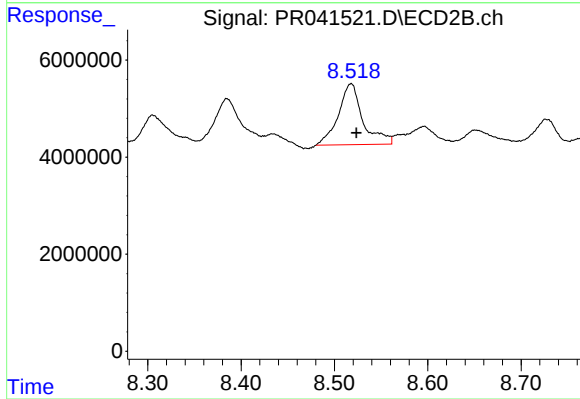
R.T.: 8.220 min
Delta R.T.: -0.001 min
Response: 3420107
Conc: 2.58 ng/ml



#44 AR-1268-4

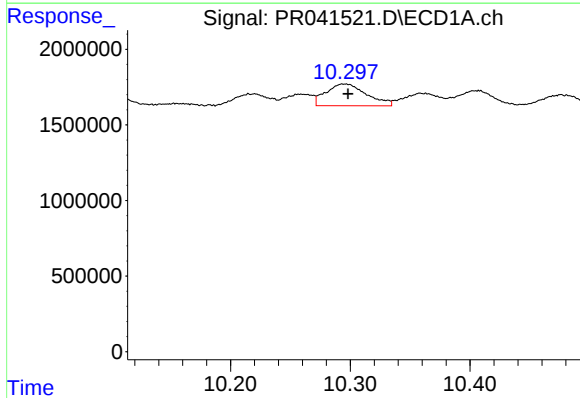
R.T.: 9.849 min
Delta R.T.: -0.002 min
Response: 4904923
Conc: 28.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY7



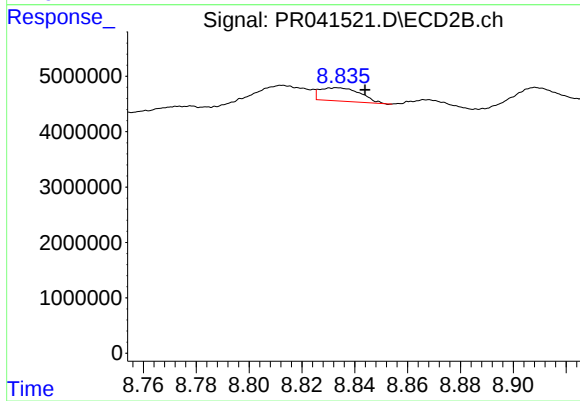
#44 AR-1268-4

R.T.: 8.518 min
Delta R.T.: -0.005 min
Response: 22981844
Conc: 38.29 ng/ml



#45 AR-1268-5

R.T.: 10.295 min
Delta R.T.: -0.003 min
Response: 3380335
Conc: 2.39 ng/ml



#45 AR-1268-5

R.T.: 8.833 min
Delta R.T.: -0.011 min
Response: 2588581
Conc: 0.59 ng/ml