

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110619\
 Data File : PR042870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2019 17:56
 Operator : SM\AJ
 Sample : K5662-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:25:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.713	3.974	72116938	254.0E6	12.235	12.670
2)	SA Decachlor...	10.624	9.069	41592962	86854182	10.393	6.912 #
Target Compounds							
3)	L1 AR-1016-1	5.888	5.067	7544703	21083684	42.054	36.343
4)	L1 AR-1016-2	5.912	5.086	15512830	46301201	62.253	59.081
5)	L1 AR-1016-3	5.975	5.264	4471625	21116538	29.732	57.430 #
6)	L1 AR-1016-4	6.074	5.303	9203643	19615650	73.336	71.553
7)	L1 AR-1016-5	6.369	5.521	12156154	26023223	98.162	84.817
9)	L2 AR-1221-2	5.023	4.278	1210670	8512728	32.546	64.369 #
10)	L2 AR-1221-3	5.093	4.347	1232011	7133283	10.666	17.247 #
11)	L3 AR-1232-1	5.093	4.347	1232011	7133283	7.711	12.358 #
12)	L3 AR-1232-2	5.620	5.086	8369787	46301201	99.062	84.334
13)	L3 AR-1232-3	5.912	5.264	15512830	21116538	90.080	81.612
14)	L3 AR-1232-4	6.074	5.347	9203643	19485388	107.625	96.975
15)	L3 AR-1232-5	6.160	5.521	7351062	26023223	113.493	128.174
16)	L4 AR-1242-1	5.888	5.067	7544703	21083684	59.180	50.533
17)	L4 AR-1242-2	5.912	5.086	15512830	46301201	86.477	82.258
18)	L4 AR-1242-3	5.975	5.264	4471625	21116538	41.380	77.745 #
19)	L4 AR-1242-4	6.074	5.347	9203643	19485388	102.123	82.677
20)	L4 AR-1242-5	6.811	5.873	14037306	44997040	140.423	152.568
21)	L5 AR-1248-1	5.888	5.067	7544703	21083684	79.524	66.735
22)	L5 AR-1248-2	6.160	5.303	7351062	19615650	55.780	59.107
23)	L5 AR-1248-3	6.369	5.347	12156154	19485388	82.085	59.379 #
24)	L5 AR-1248-4	6.771	5.521	12501247	26023223	73.210	72.527
25)	L5 AR-1248-5	6.811	5.915	14037306	31849544	86.560	82.162
26)	L6 AR-1254-1	6.745	5.873	10974706	44997040	58.793	71.404
27)	L6 AR-1254-2	6.967	6.020	14903201	31310732	51.054	53.593
28)	L6 AR-1254-3	7.336	6.427	15366196	35852841	48.792	34.843 #
29)	L6 AR-1254-4	7.617	6.653	13283991	20501485	56.679	26.884 #
30)	L6 AR-1254-5	8.038	7.073	14592339	23915846	58.040	25.944 #
31)	L7 AR-1260-1	7.494	6.556	6368065	23293866	30.630	38.433 #
32)	L7 AR-1260-2	7.748	6.742	10888220	30829721	44.536	35.654
33)	L7 AR-1260-3	8.109	6.899	4329922	12126013	23.953	17.074 #
34)	L7 AR-1260-4	8.345	7.371	15241281	4393644	73.033	7.526 #
35)	L7 AR-1260-5	8.687	7.612	7033945	10047428	16.966	6.228 #
36)	L8 AR-1262-1	8.109	7.165	4329922	9273302	14.673	21.345 #
37)	L8 AR-1262-2	8.687	7.612	7033945	10047428	12.630	4.808 #
38)	L8 AR-1262-3	9.016	7.896	9760998	13009577	27.314	15.512 #
39)	L8 AR-1262-4	9.159	7.960	59860118	8161450	441.780	5.786 #
40)	L8 AR-1262-5	9.817	8.477	1145488	3333531	6.254	5.122
41)	L9 AR-1268-1	9.016	7.896	9760998	13009577	15.382	5.358 #
42)	L9 AR-1268-2	9.159	7.960	59860118	8161450	103.983	3.799 #

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Integration File signal 1: autoint1.e
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 Quant Time: Nov 06 00:25:49 2019
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 Quant Title : GC EXTRACTABLES
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 Integrator: ChemStation

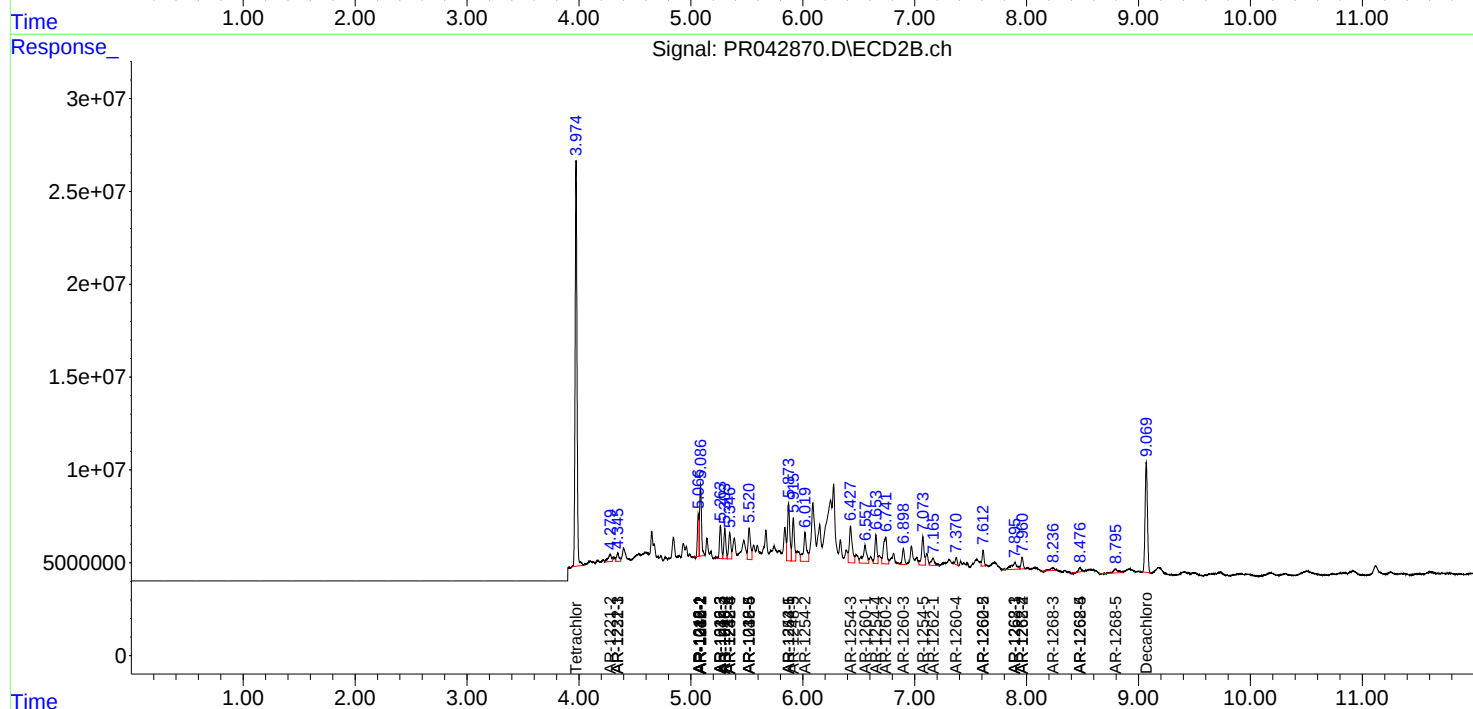
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

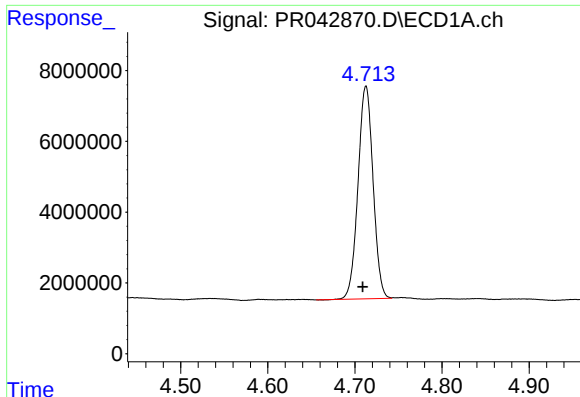
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.236	0	2989237	N.D.	1.648 #
44) L9	AR-1268-4	9.817	8.477	1145488	3333531	5.582	4.598
45) L9	AR-1268-5	10.265	8.794	6671052	5828994	4.262	1.132 #

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

Instrument :
ECD_R
ClientSampleId :
S-1

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

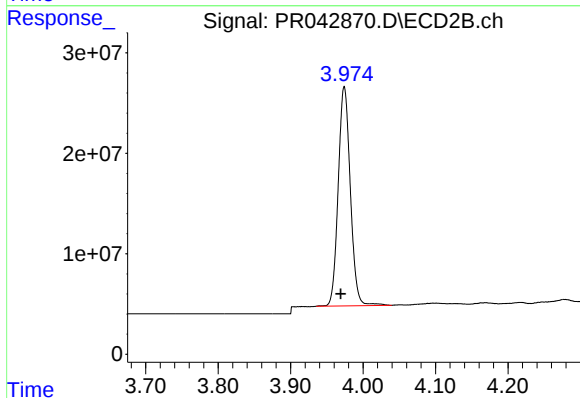




#1 Tetrachloro-m-xylene

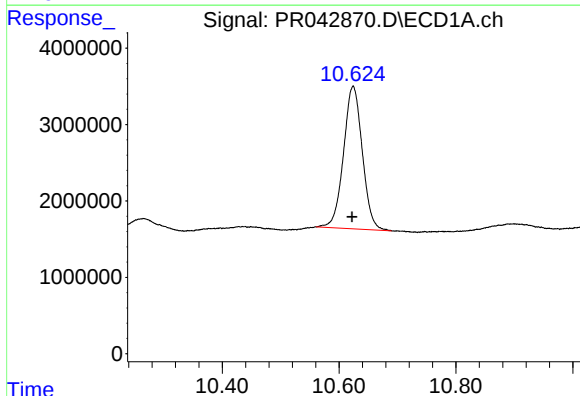
R.T.: 4.713 min
Delta R.T.: 0.004 min
Response: 72116938
Conc: 12.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



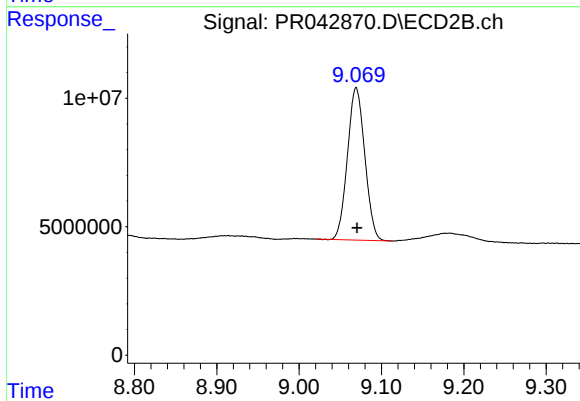
#1 Tetrachloro-m-xylene

R.T.: 3.974 min
Delta R.T.: 0.005 min
Response: 254043806
Conc: 12.67 ng/ml



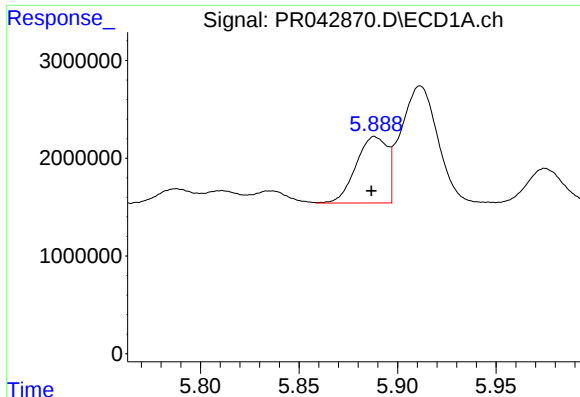
#2 Decachlorobiphenyl

R.T.: 10.624 min
Delta R.T.: 0.002 min
Response: 41592962
Conc: 10.39 ng/ml



#2 Decachlorobiphenyl

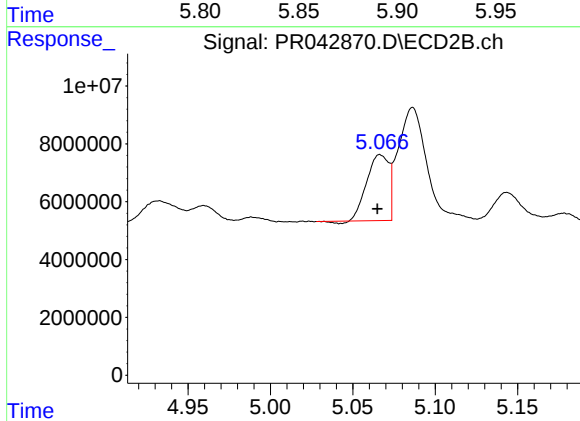
R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 86854182
Conc: 6.91 ng/ml



#3 AR-1016-1

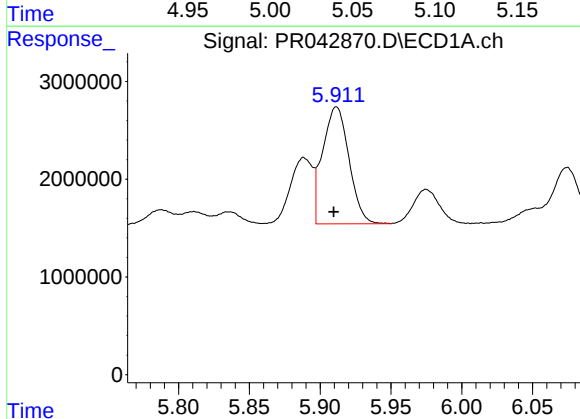
R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 7544703
Conc: 42.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



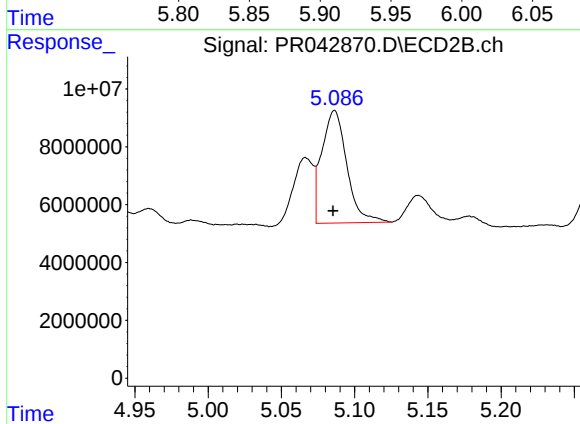
#3 AR-1016-1

R.T.: 5.067 min
Delta R.T.: 0.002 min
Response: 21083684
Conc: 36.34 ng/ml



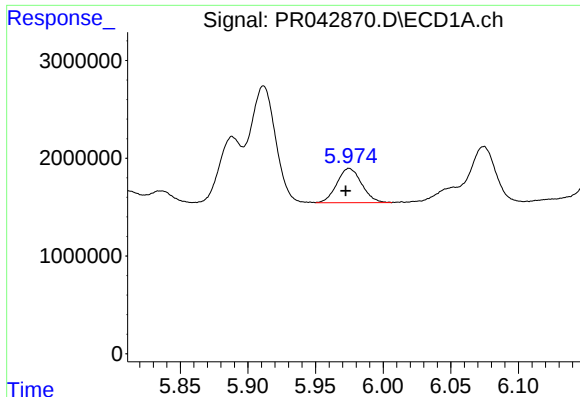
#4 AR-1016-2

R.T.: 5.912 min
Delta R.T.: 0.002 min
Response: 15512830
Conc: 62.25 ng/ml



#4 AR-1016-2

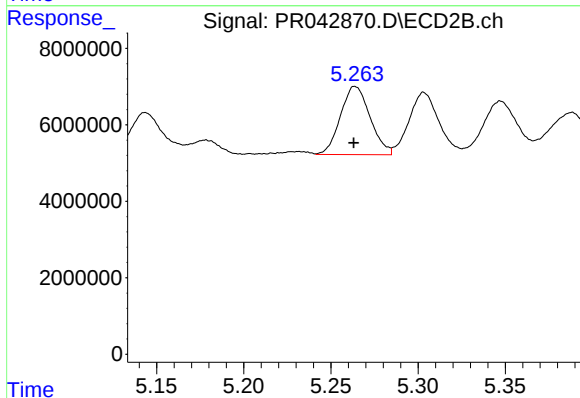
R.T.: 5.086 min
Delta R.T.: 0.001 min
Response: 46301201
Conc: 59.08 ng/ml



#5 AR-1016-3

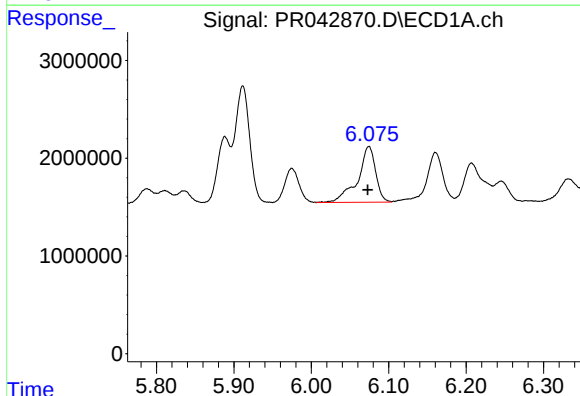
R.T.: 5.975 min
Delta R.T.: 0.002 min
Response: 4471625
Conc: 29.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



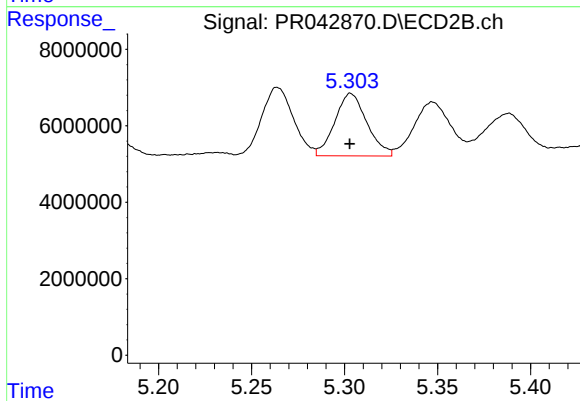
#5 AR-1016-3

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 21116538
Conc: 57.43 ng/ml



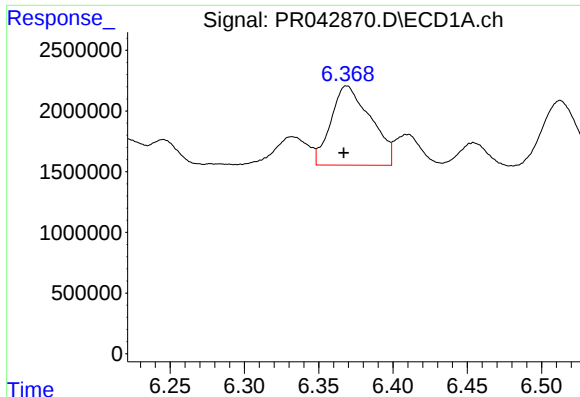
#6 AR-1016-4

R.T.: 6.074 min
Delta R.T.: 0.002 min
Response: 9203643
Conc: 73.34 ng/ml



#6 AR-1016-4

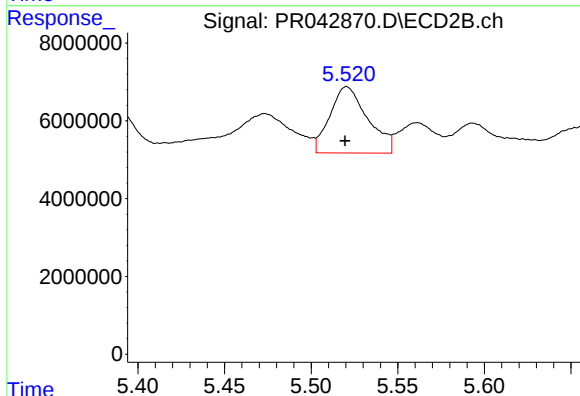
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 19615650
Conc: 71.55 ng/ml



#7 AR-1016-5

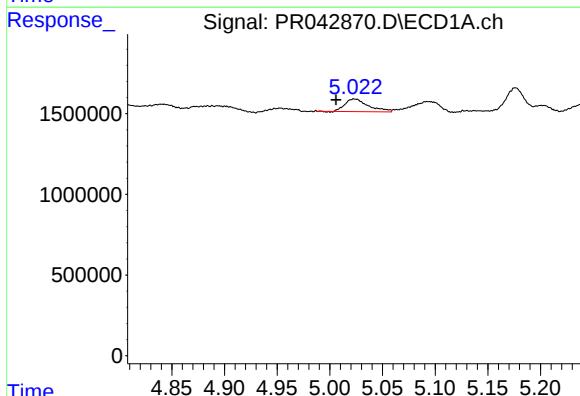
R.T.: 6.369 min
Delta R.T.: 0.002 min
Response: 12156154
Conc: 98.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



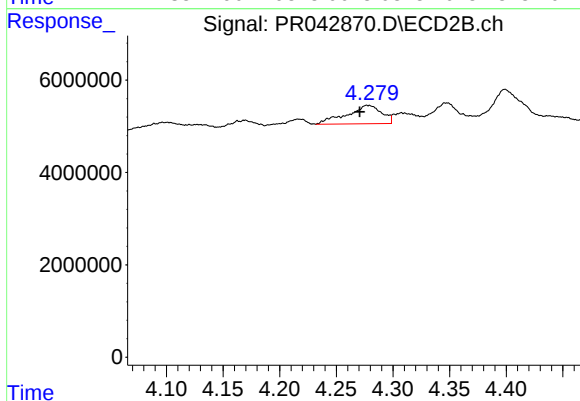
#7 AR-1016-5

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 26023223
Conc: 84.82 ng/ml



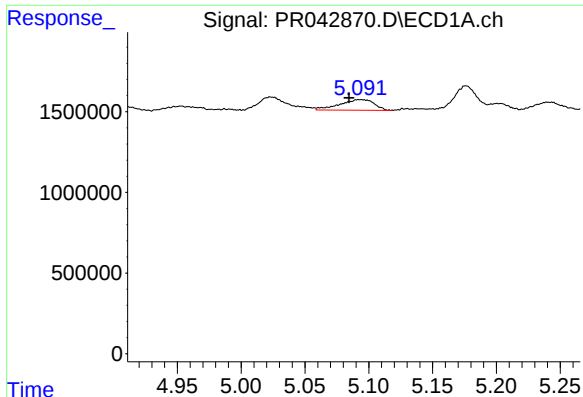
#9 AR-1221-2

R.T.: 5.023 min
Delta R.T.: 0.018 min
Response: 1210670
Conc: 32.55 ng/ml



#9 AR-1221-2

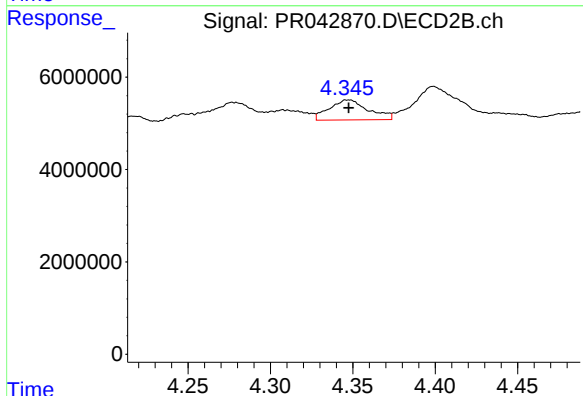
R.T.: 4.278 min
Delta R.T.: 0.007 min
Response: 8512728
Conc: 64.37 ng/ml



#10 AR-1221-3

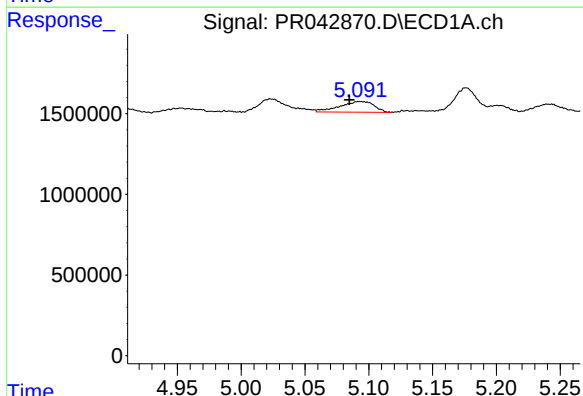
R.T.: 5.093 min
Delta R.T.: 0.009 min
Response: 1232011
Conc: 10.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



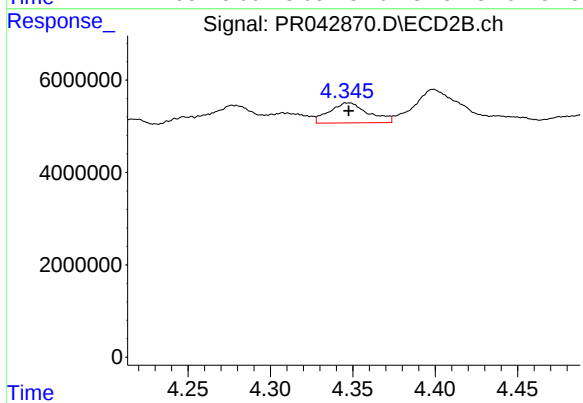
#10 AR-1221-3

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 7133283
Conc: 17.25 ng/ml



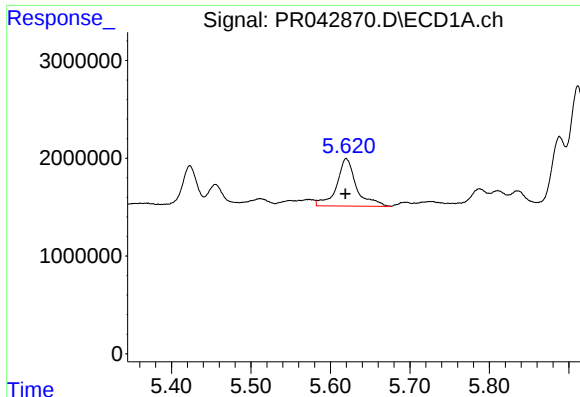
#11 AR-1232-1

R.T.: 5.093 min
Delta R.T.: 0.008 min
Response: 1232011
Conc: 7.71 ng/ml



#11 AR-1232-1

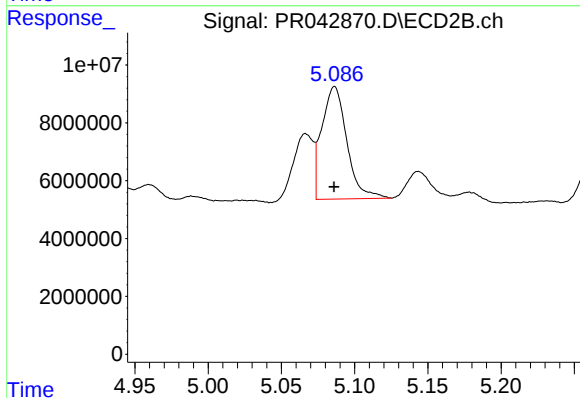
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 7133283
Conc: 12.36 ng/ml



#12 AR-1232-2

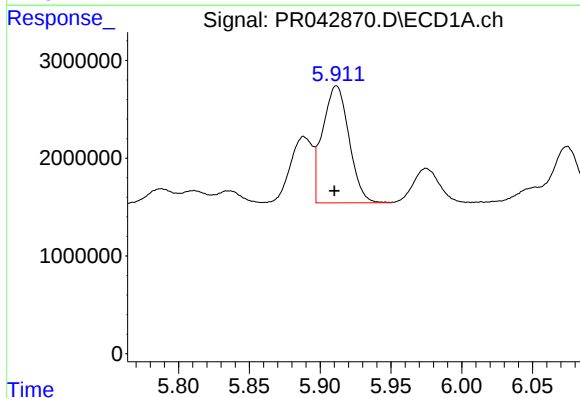
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 8369787
Conc: 99.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



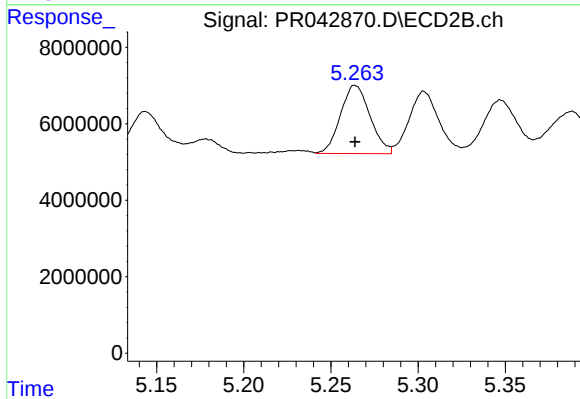
#12 AR-1232-2

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 46301201
Conc: 84.33 ng/ml



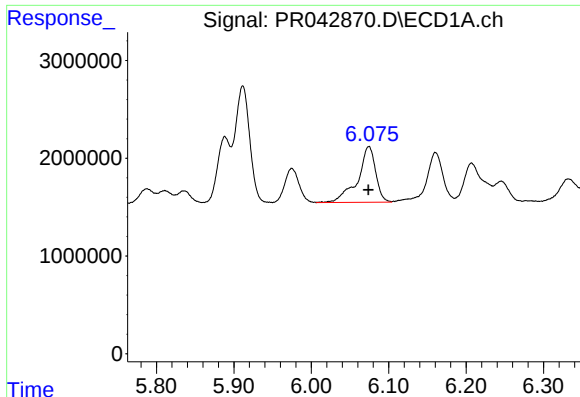
#13 AR-1232-3

R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 15512830
Conc: 90.08 ng/ml



#13 AR-1232-3

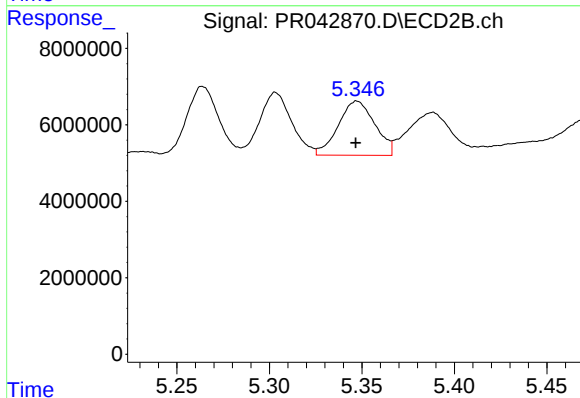
R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 21116538
Conc: 81.61 ng/ml



#14 AR-1232-4

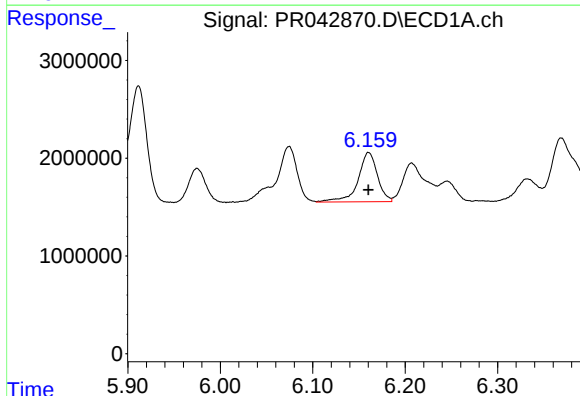
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 9203643
Conc: 107.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



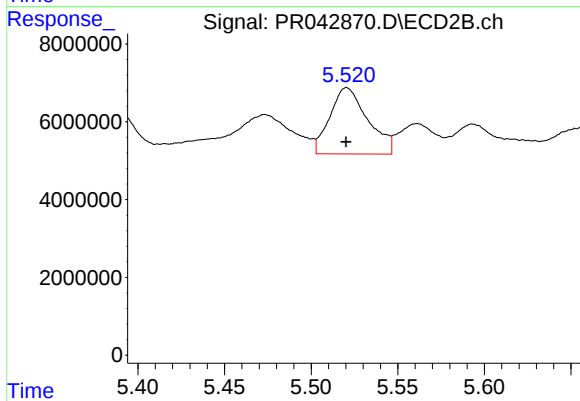
#14 AR-1232-4

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 19485388
Conc: 96.98 ng/ml



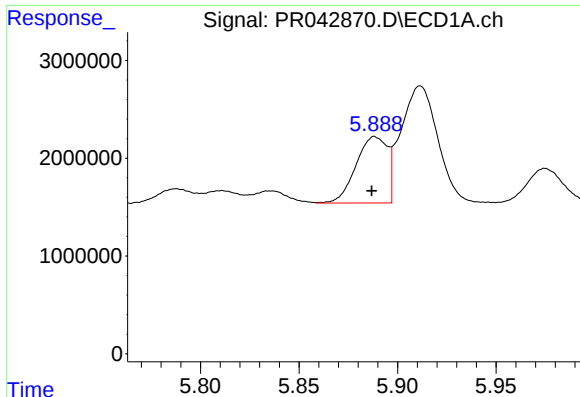
#15 AR-1232-5

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 7351062
Conc: 113.49 ng/ml



#15 AR-1232-5

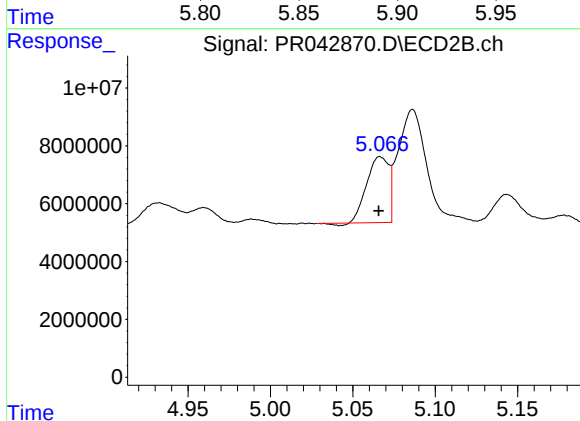
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 26023223
Conc: 128.17 ng/ml



#16 AR-1242-1

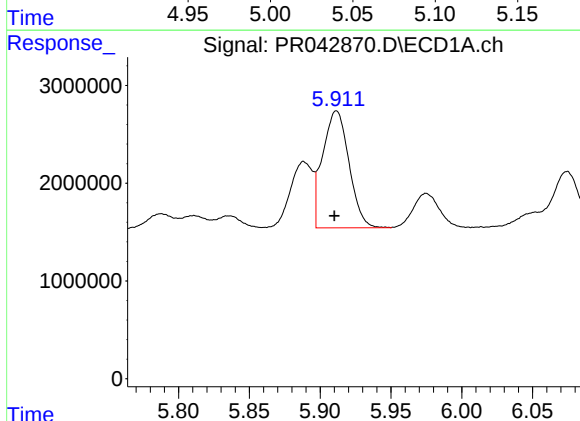
R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 7544703
Conc: 59.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
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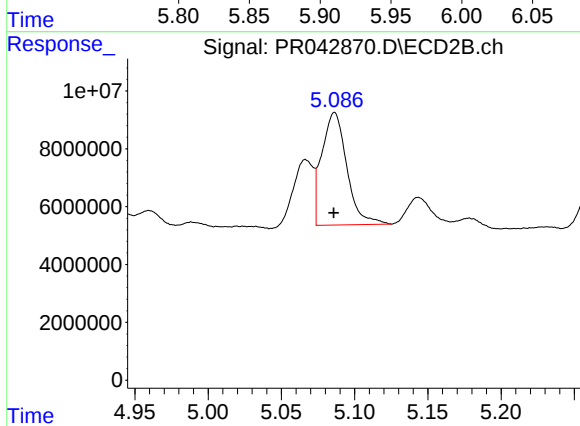
#16 AR-1242-1

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 21083684
Conc: 50.53 ng/ml



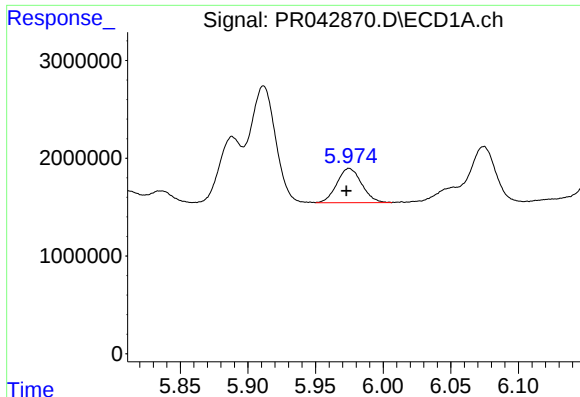
#17 AR-1242-2

R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 15512830
Conc: 86.48 ng/ml



#17 AR-1242-2

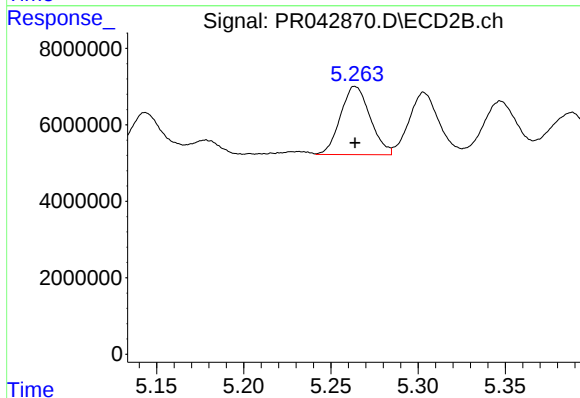
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 46301201
Conc: 82.26 ng/ml



#18 AR-1242-3

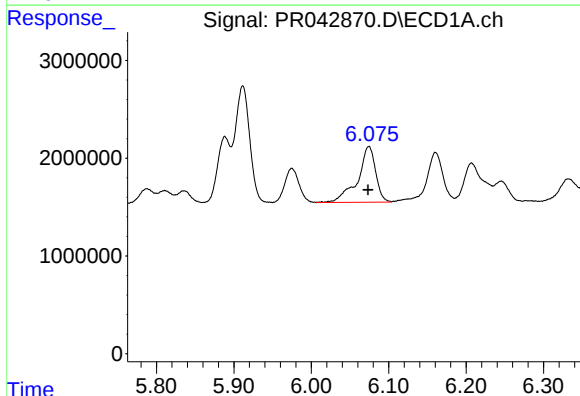
R.T.: 5.975 min
Delta R.T.: 0.002 min
Response: 4471625
Conc: 41.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



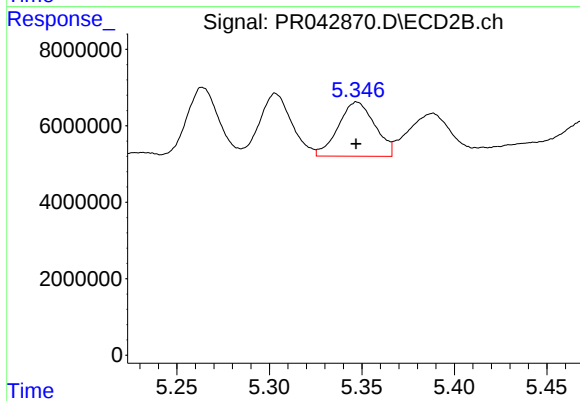
#18 AR-1242-3

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 21116538
Conc: 77.75 ng/ml



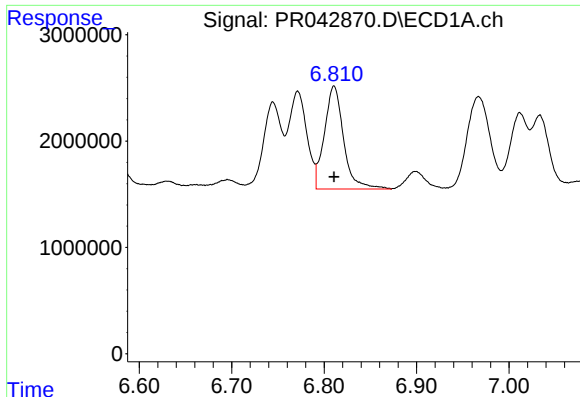
#19 AR-1242-4

R.T.: 6.074 min
Delta R.T.: 0.001 min
Response: 9203643
Conc: 102.12 ng/ml



#19 AR-1242-4

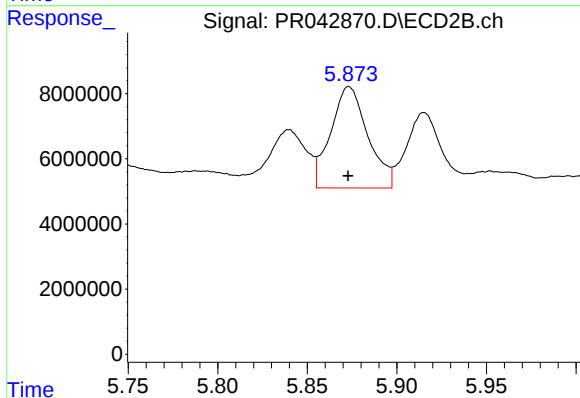
R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 19485388
Conc: 82.68 ng/ml



#20 AR-1242-5

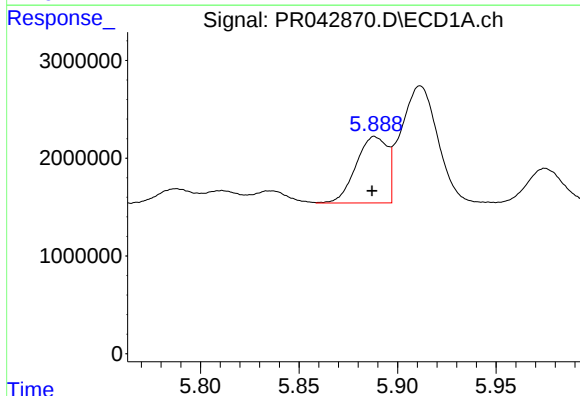
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 14037306
Conc: 140.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



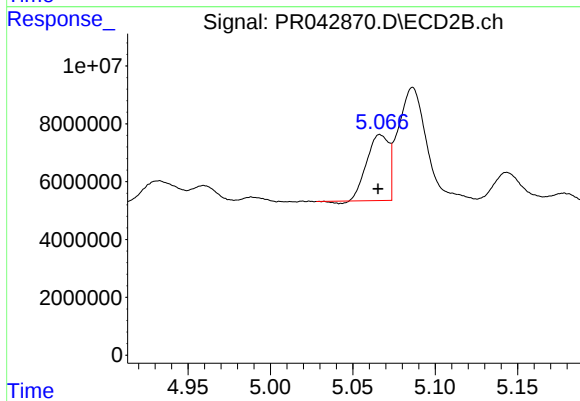
#20 AR-1242-5

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 44997040
Conc: 152.57 ng/ml



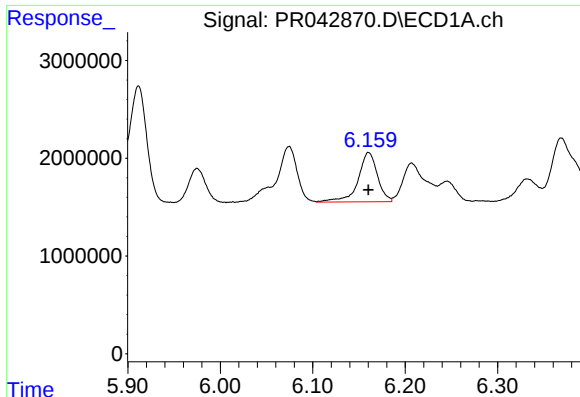
#21 AR-1248-1

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 7544703
Conc: 79.52 ng/ml



#21 AR-1248-1

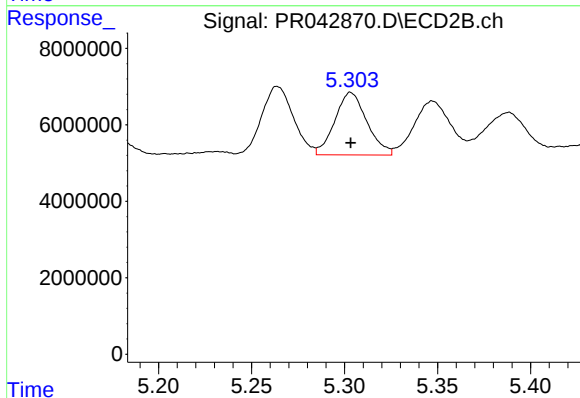
R.T.: 5.067 min
Delta R.T.: 0.001 min
Response: 21083684
Conc: 66.73 ng/ml



#22 AR-1248-2

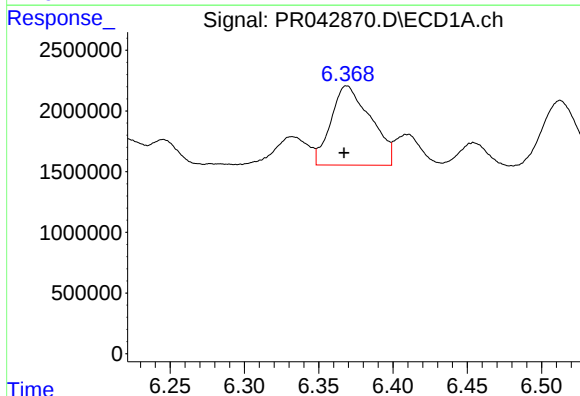
R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 7351062
Conc: 55.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



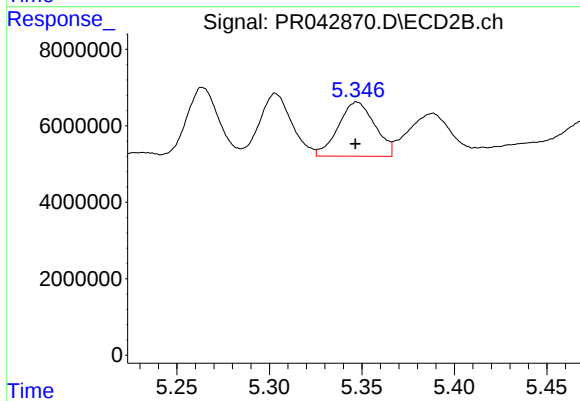
#22 AR-1248-2

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 19615650
Conc: 59.11 ng/ml



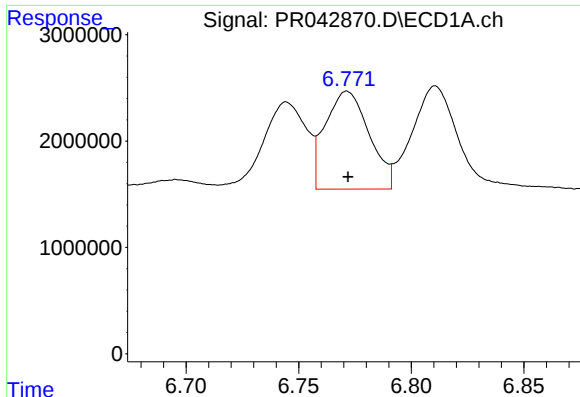
#23 AR-1248-3

R.T.: 6.369 min
Delta R.T.: 0.002 min
Response: 12156154
Conc: 82.09 ng/ml



#23 AR-1248-3

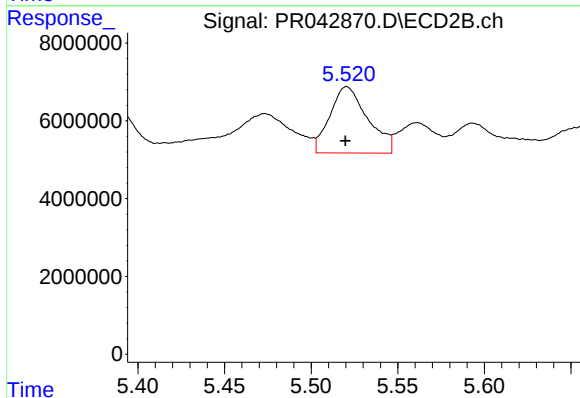
R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 19485388
Conc: 59.38 ng/ml



#24 AR-1248-4

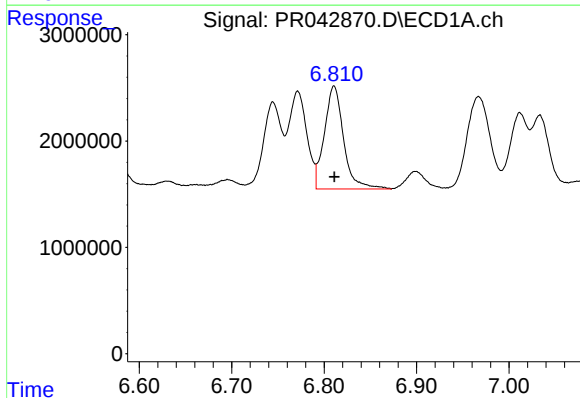
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 12501247
Conc: 73.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



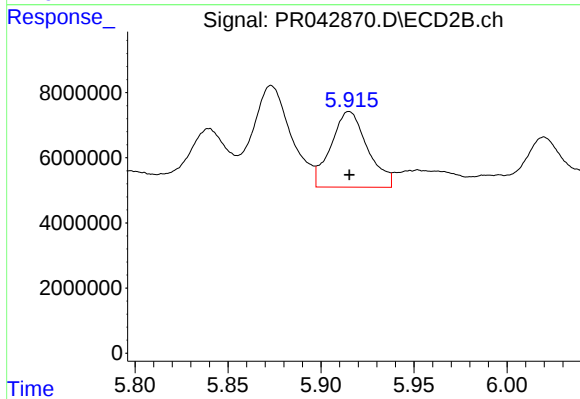
#24 AR-1248-4

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 26023223
Conc: 72.53 ng/ml



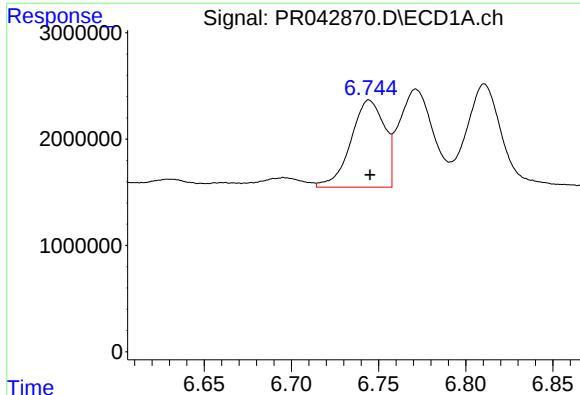
#25 AR-1248-5

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 14037306
Conc: 86.56 ng/ml



#25 AR-1248-5

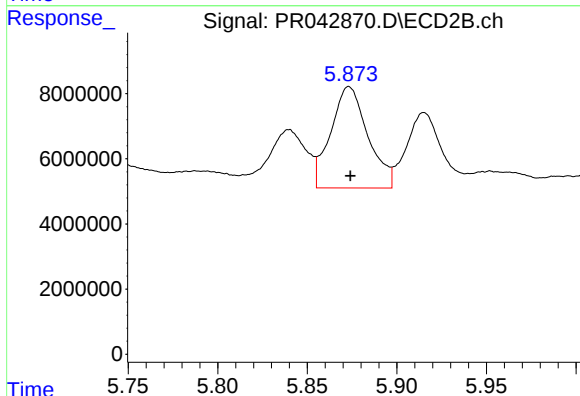
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 31849544
Conc: 82.16 ng/ml



#26 AR-1254-1

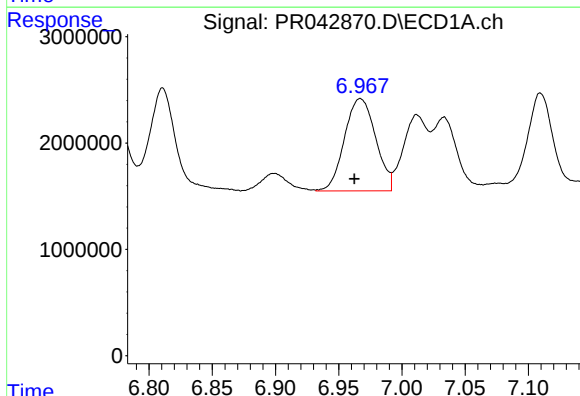
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 10974706
Conc: 58.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



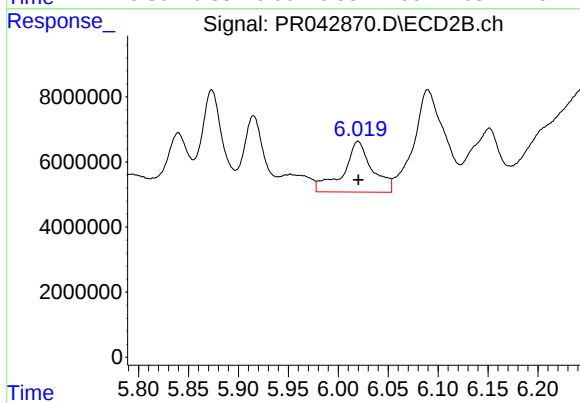
#26 AR-1254-1

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 44997040
Conc: 71.40 ng/ml



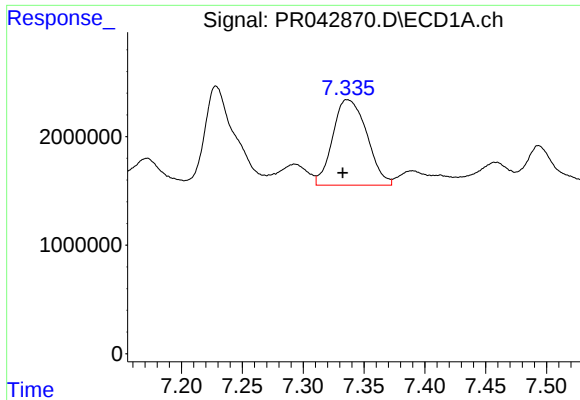
#27 AR-1254-2

R.T.: 6.967 min
Delta R.T.: 0.005 min
Response: 14903201
Conc: 51.05 ng/ml



#27 AR-1254-2

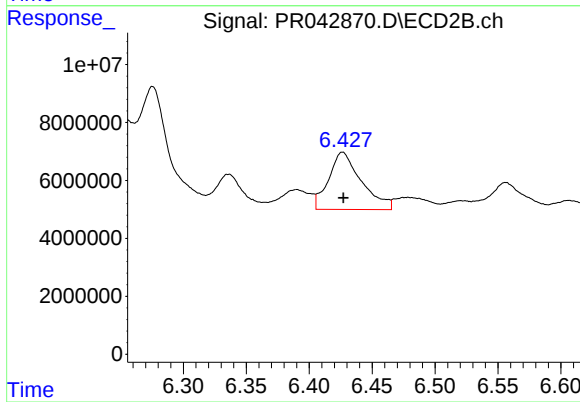
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 31310732
Conc: 53.59 ng/ml



#28 AR-1254-3

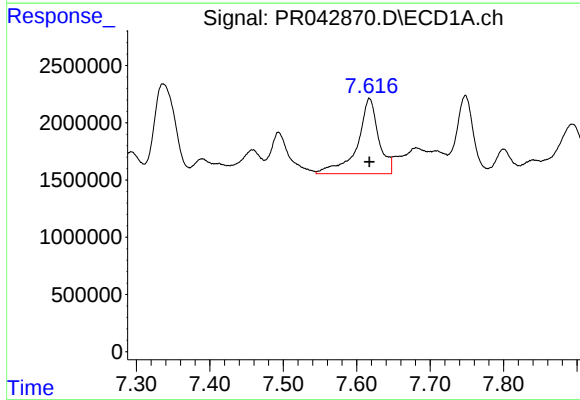
R.T.: 7.336 min
Delta R.T.: 0.004 min
Response: 15366196
Conc: 48.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



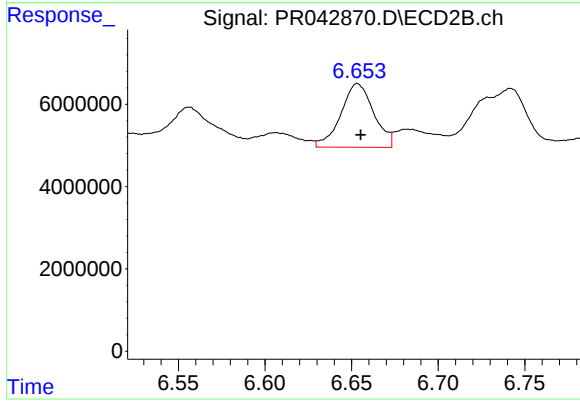
#28 AR-1254-3

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 35852841
Conc: 34.84 ng/ml



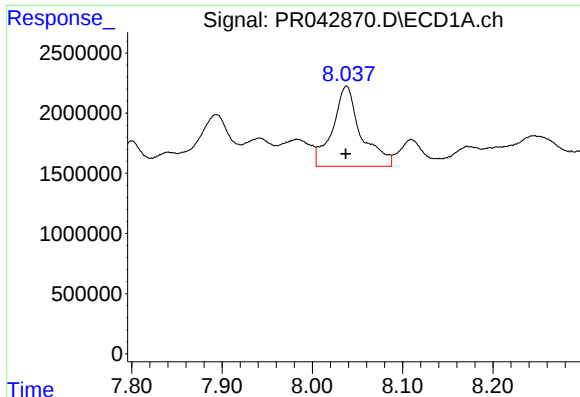
#29 AR-1254-4

R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 13283991
Conc: 56.68 ng/ml



#29 AR-1254-4

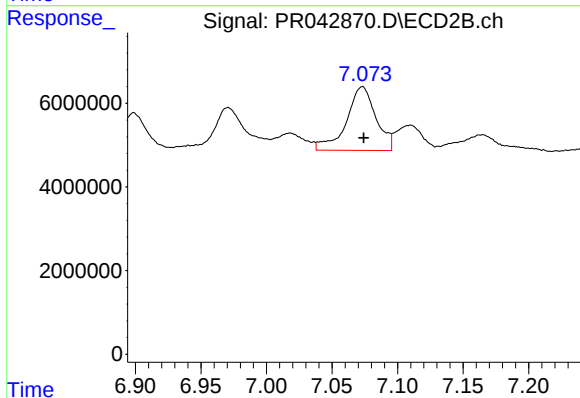
R.T.: 6.653 min
Delta R.T.: -0.002 min
Response: 20501485
Conc: 26.88 ng/ml



#30 AR-1254-5

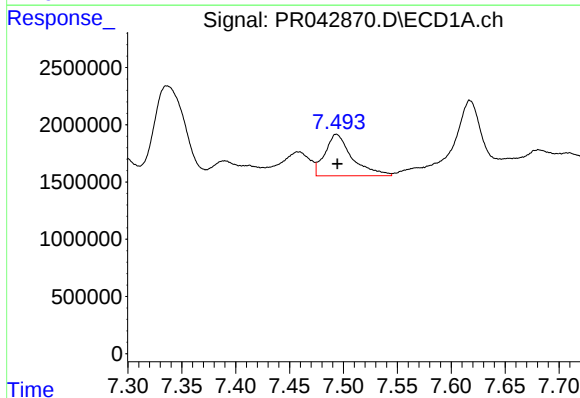
R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 14592339
Conc: 58.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



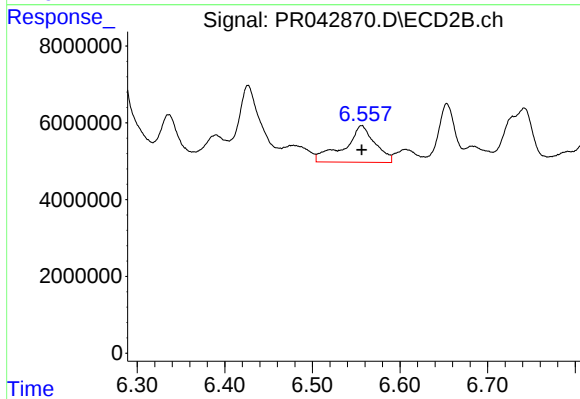
#30 AR-1254-5

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 23915846
Conc: 25.94 ng/ml



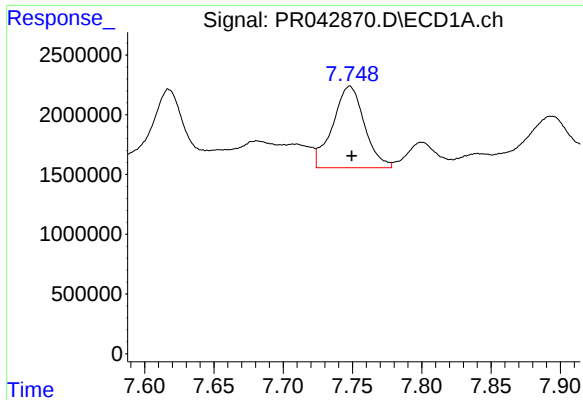
#31 AR-1260-1

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 6368065
Conc: 30.63 ng/ml



#31 AR-1260-1

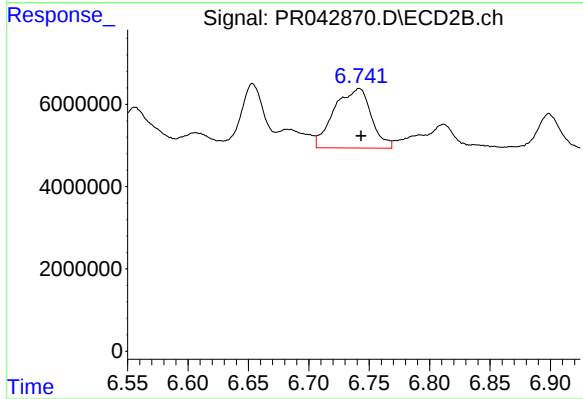
R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 23293866
Conc: 38.43 ng/ml



#32 AR-1260-2

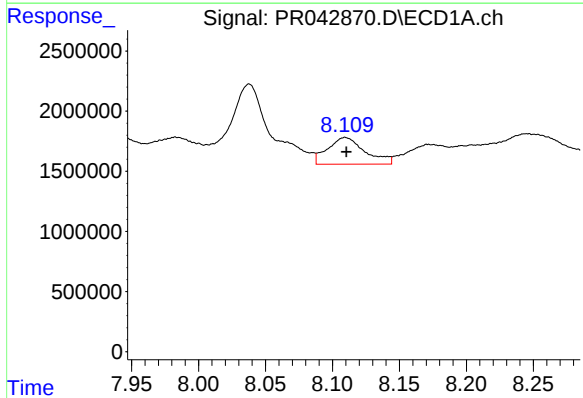
R.T.: 7.748 min
Delta R.T.: -0.001 min
Response: 10888220
Conc: 44.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



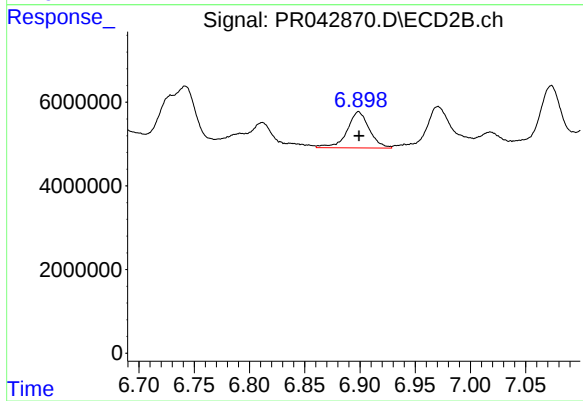
#32 AR-1260-2

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 30829721
Conc: 35.65 ng/ml



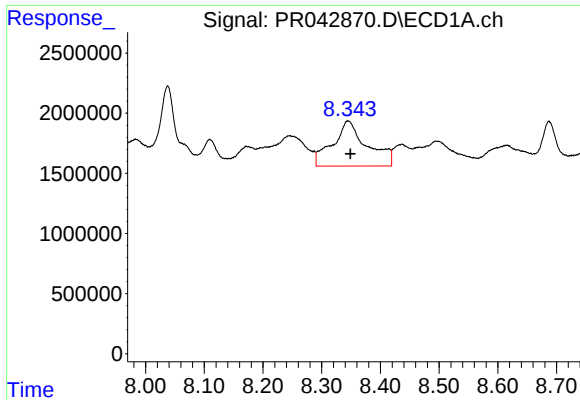
#33 AR-1260-3

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 4329922
Conc: 23.95 ng/ml



#33 AR-1260-3

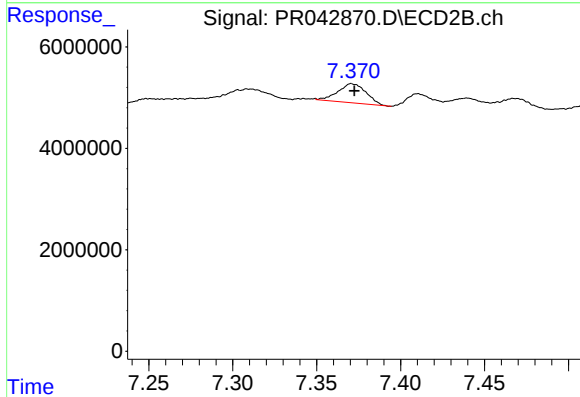
R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 12126013
Conc: 17.07 ng/ml



#34 AR-1260-4

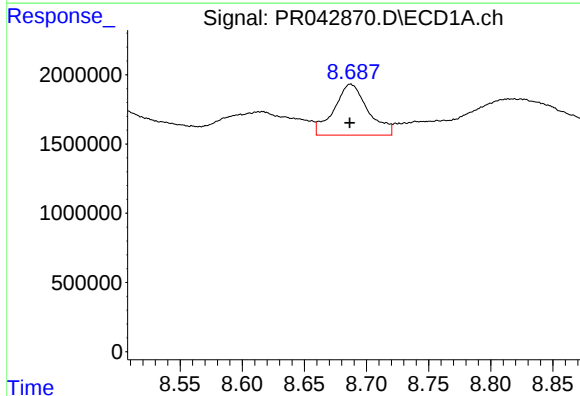
R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 15241281
Conc: 73.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



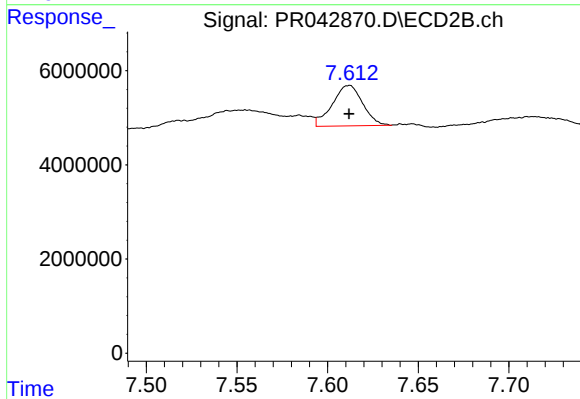
#34 AR-1260-4

R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 4393644
Conc: 7.53 ng/ml



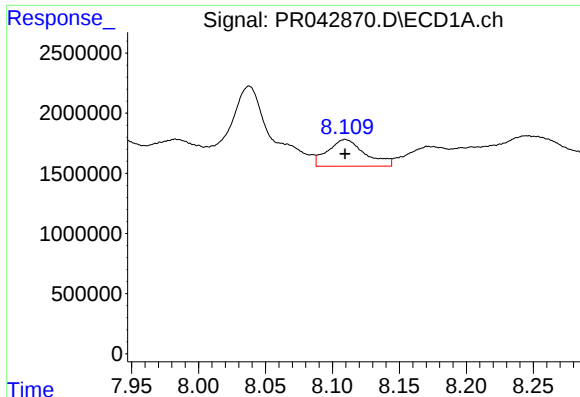
#35 AR-1260-5

R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 7033945
Conc: 16.97 ng/ml



#35 AR-1260-5

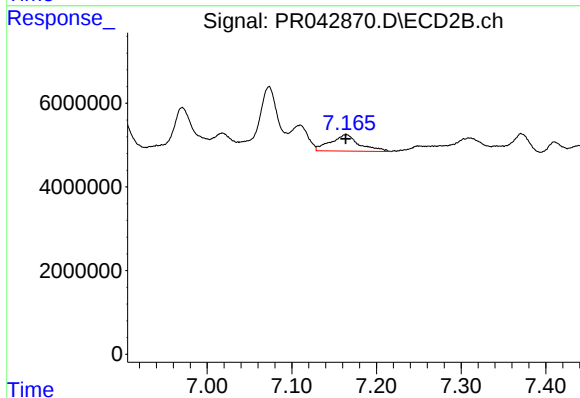
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 10047428
Conc: 6.23 ng/ml



#36 AR-1262-1

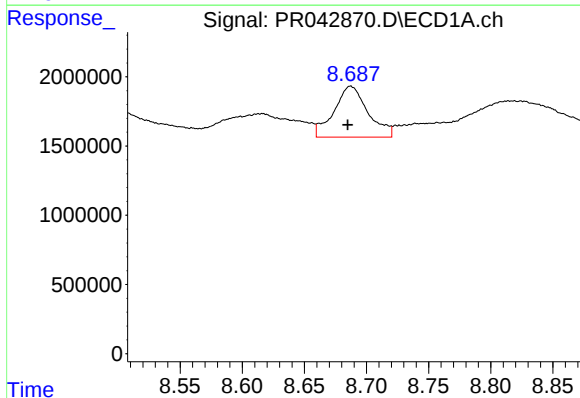
R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 4329922
Conc: 14.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



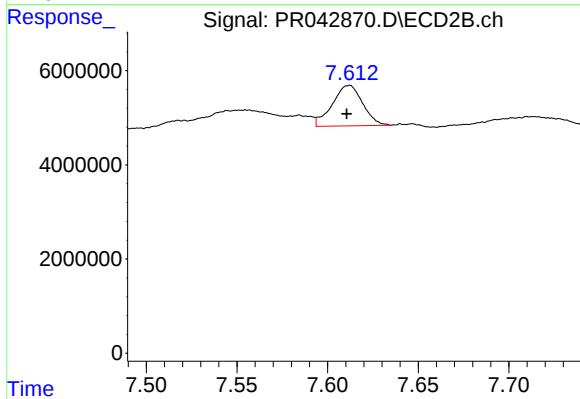
#36 AR-1262-1

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 9273302
Conc: 21.34 ng/ml



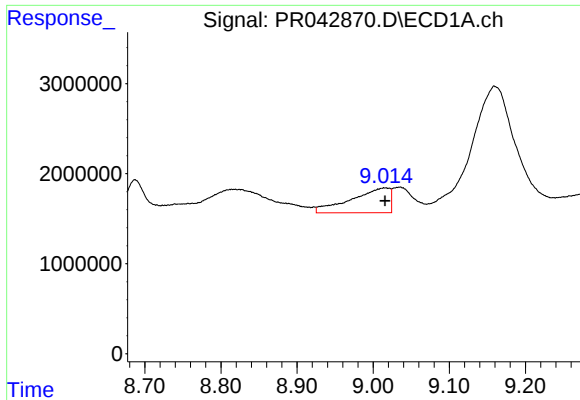
#37 AR-1262-2

R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 7033945
Conc: 12.63 ng/ml



#37 AR-1262-2

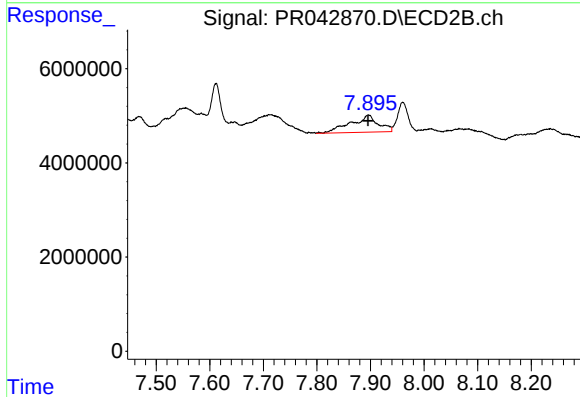
R.T.: 7.612 min
Delta R.T.: 0.001 min
Response: 10047428
Conc: 4.81 ng/ml



#38 AR-1262-3

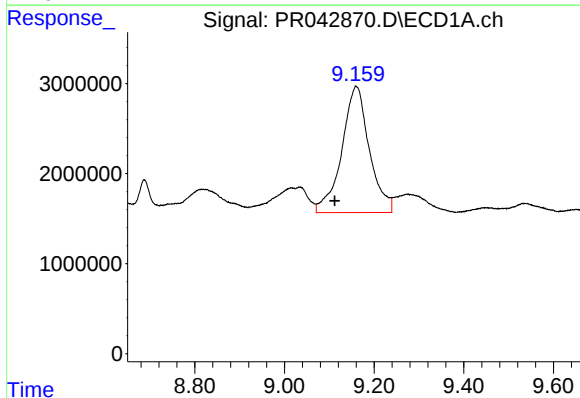
R.T.: 9.016 min
Delta R.T.: 0.000 min
Response: 9760998
Conc: 27.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



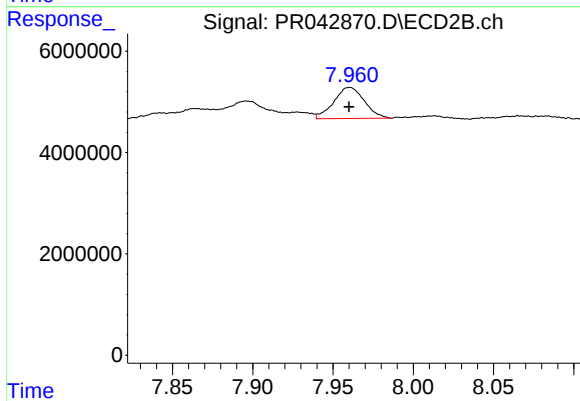
#38 AR-1262-3

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 13009577
Conc: 15.51 ng/ml



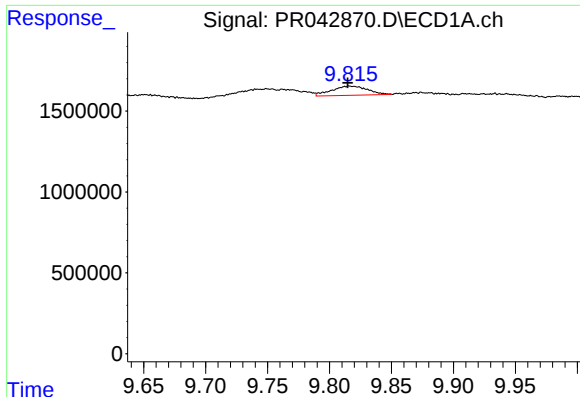
#39 AR-1262-4

R.T.: 9.159 min
Delta R.T.: 0.048 min
Response: 59860118
Conc: 441.78 ng/ml



#39 AR-1262-4

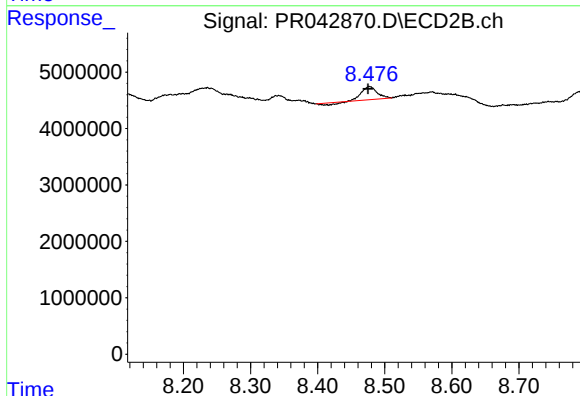
R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 8161450
Conc: 5.79 ng/ml



#40 AR-1262-5

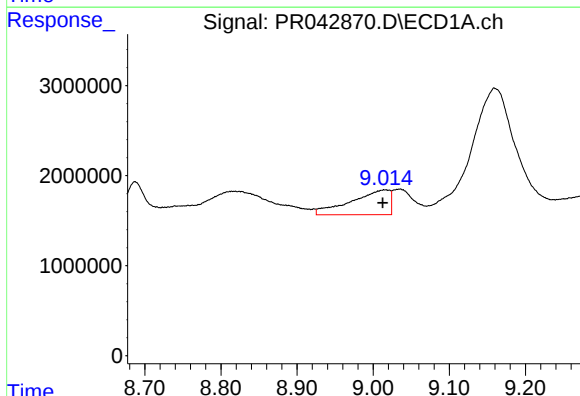
R.T.: 9.817 min
Delta R.T.: 0.002 min
Response: 1145488
Conc: 6.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



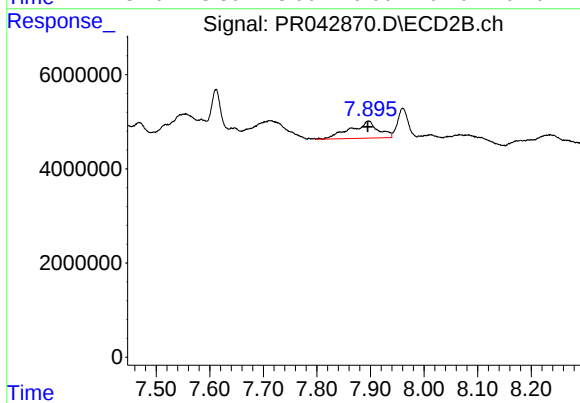
#40 AR-1262-5

R.T.: 8.477 min
Delta R.T.: 0.002 min
Response: 3333531
Conc: 5.12 ng/ml



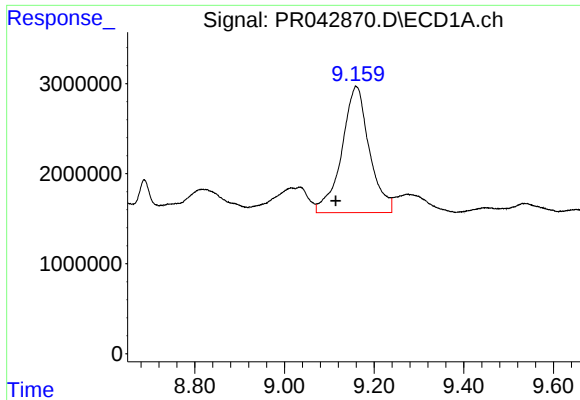
#41 AR-1268-1

R.T.: 9.016 min
Delta R.T.: 0.003 min
Response: 9760998
Conc: 15.38 ng/ml



#41 AR-1268-1

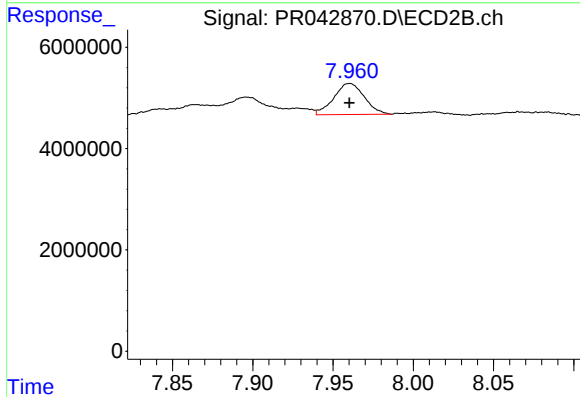
R.T.: 7.896 min
Delta R.T.: 0.001 min
Response: 13009577
Conc: 5.36 ng/ml



#42 AR-1268-2

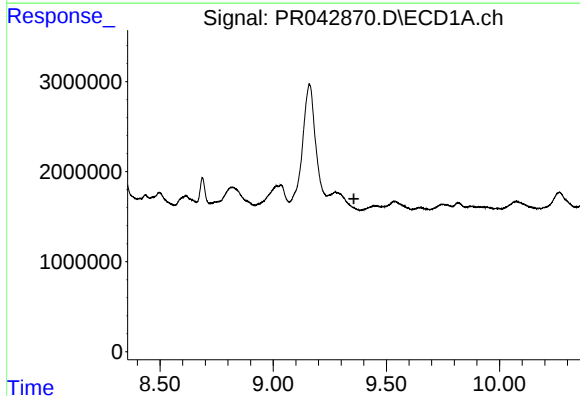
R.T.: 9.159 min
Delta R.T.: 0.045 min
Response: 59860118
Conc: 103.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



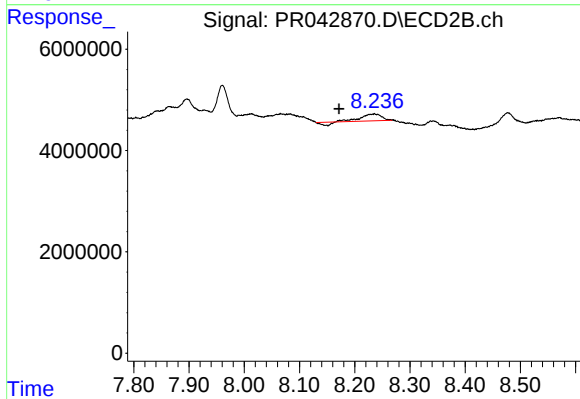
#42 AR-1268-2

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 8161450
Conc: 3.80 ng/ml



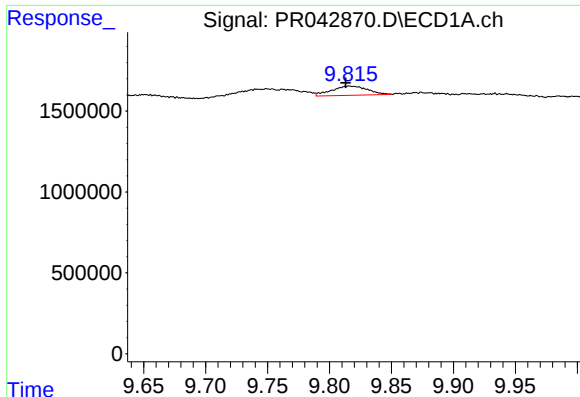
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.356 min
Response: 0
Conc: N.D.



#43 AR-1268-3

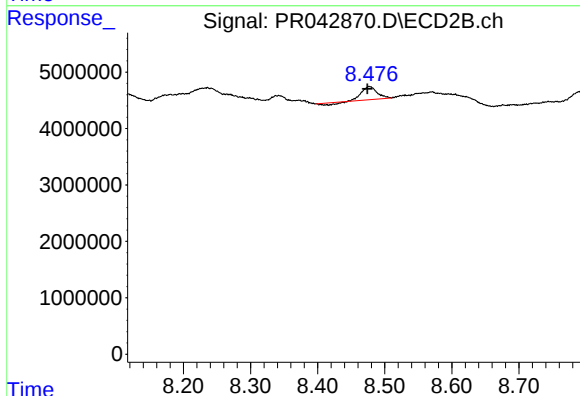
R.T.: 8.236 min
Delta R.T.: 0.064 min
Response: 2989237
Conc: 1.65 ng/ml



#44 AR-1268-4

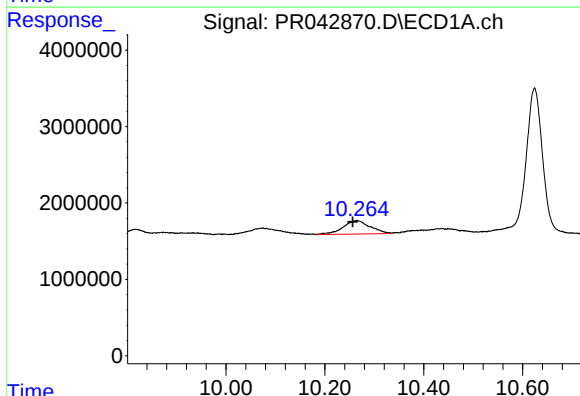
R.T.: 9.817 min
Delta R.T.: 0.004 min
Response: 1145488
Conc: 5.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
S-1



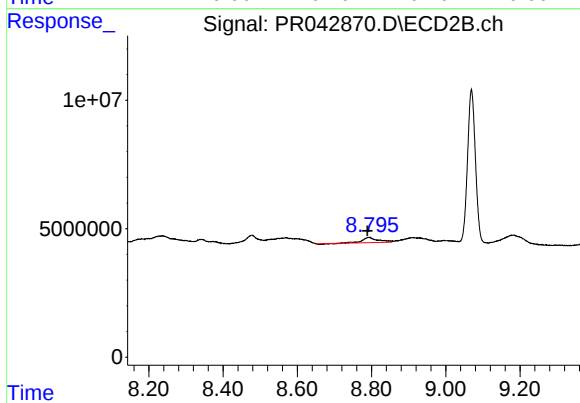
#44 AR-1268-4

R.T.: 8.477 min
Delta R.T.: 0.003 min
Response: 3333531
Conc: 4.60 ng/ml



#45 AR-1268-5

R.T.: 10.265 min
Delta R.T.: 0.009 min
Response: 6671052
Conc: 4.26 ng/ml



#45 AR-1268-5

R.T.: 8.794 min
Delta R.T.: 0.005 min
Response: 5828994
Conc: 1.13 ng/ml