

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100719\
 Data File : PR042031.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2019 12:34
 Operator : SM\AJ
 Sample : K5084-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0B21

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 02:34:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.718	3.982	118.6E6	479.3E6	29.144	31.343
2)	SA Decachlor...	10.633	9.092	119.7E6	398.0E6	34.838	40.148
Target Compounds							
3)	L1 AR-1016-1	5.896	5.079	6099514	5023120	42.485	9.241 #
4)	L1 AR-1016-2	5.919	5.079	8594127	5023120	42.026	6.959 #
5)	L1 AR-1016-3	5.990	5.280	5654678	9261521	46.512	25.399 #
6)	L1 AR-1016-4	6.081	5.316	15336726	22359573	150.802	80.572 #
7)	L1 AR-1016-5	6.375	5.533	12766454	268315	128.215	0.868 #
8)	L2 AR-1221-1	4.905	4.200	4329025	9165511	105.443	54.253 #
9)	L2 AR-1221-2	5.030	4.289	9667605	17208301	333.212	140.022 #
10)	L2 AR-1221-3	5.105	4.374	7508557	27836776	77.175	71.468
11)	L3 AR-1232-1	5.105	4.374	7508557	27836776	89.731	81.697
12)	L3 AR-1232-2	5.626	5.079	8067525	5023120	187.274	14.751 #
13)	L3 AR-1232-3	5.919	5.280	8594127	9261521	95.580	54.993 #
14)	L3 AR-1232-4	6.081	5.390	15336726	16097424	344.617	113.013 #
15)	L3 AR-1232-5	6.181	5.533	7057163	268315	214.819	1.991 #
16)	L4 AR-1242-1	5.896	5.079	6099514	5023120	55.312	11.827 #
17)	L4 AR-1242-2	5.919	5.079	8594127	5023120	55.356	8.826 #
18)	L4 AR-1242-3	5.990	5.280	5654678	9261521	60.266	32.090 #
19)	L4 AR-1242-4	6.081	5.390	15336726	16097424	197.415	61.837 #
20)	L4 AR-1242-5	6.819	5.892	8880245	33968253	101.456	128.040 #
21)	L5 AR-1248-1	5.896	5.079	6099514	5023120	73.301	15.411 #
22)	L5 AR-1248-2	6.181	5.316	7057163	22359573	61.498	60.030
23)	L5 AR-1248-3	6.375	5.390	12766454	16097424	98.463	43.005 #
24)	L5 AR-1248-4	6.790	5.533	6502940	268315	42.379	0.674 #
25)	L5 AR-1248-5	6.819	5.950	8880245	15860217	61.332	45.411 #
26)	L6 AR-1254-1	6.750	5.892	12174379	33968253	74.547	64.123
27)	L6 AR-1254-2	6.968	6.039	14982423	32646295	60.389	65.116
28)	L6 AR-1254-3	7.340	6.443	4349474	73486832	16.117	77.892 #
29)	L6 AR-1254-4	7.623	6.670	13313739	65296427	65.599	98.623 #
30)	L6 AR-1254-5	8.042	7.091	18379376	48295542	86.429	56.246 #
31)	L7 AR-1260-1	7.500	6.579	17596649	39662709	92.875	66.911 #
32)	L7 AR-1260-2	7.754	6.760	17693267	72343951	74.857	88.735
33)	L7 AR-1260-3	8.116	6.917	13149770	36707564	70.047	53.099
34)	L7 AR-1260-4	8.352	7.389	19579005	22911152	97.424	39.482 #
35)	L7 AR-1260-5	8.693	7.628	24515771	110.6E6	56.633	68.013
36)	L8 AR-1262-1	8.175	7.091	9795931	48295542	104.067	110.825
37)	L8 AR-1262-2	8.693	7.628	24515771	110.6E6	56.837	64.234
38)	L8 AR-1262-3	9.023	7.914	47350814	169.6E6	169.872	259.872 #
39)	L8 AR-1262-4	9.123	7.980	48782259	166.2E6	238.115	142.219 #
40)	L8 AR-1262-5	9.823	8.495	35848973	138.7E6	248.521	259.373
41)	L9 AR-1268-1	9.023	7.914	47350814	169.6E6	86.211	77.362

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Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
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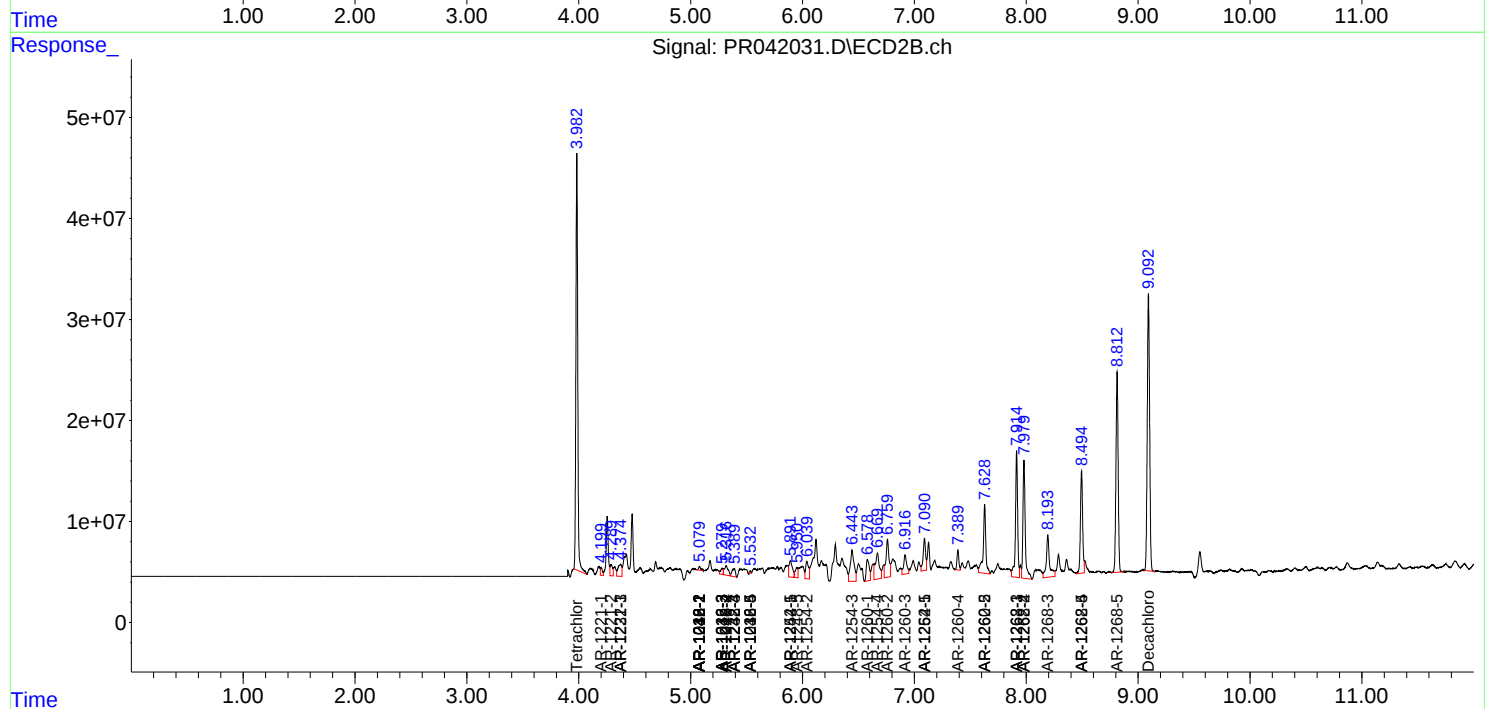
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

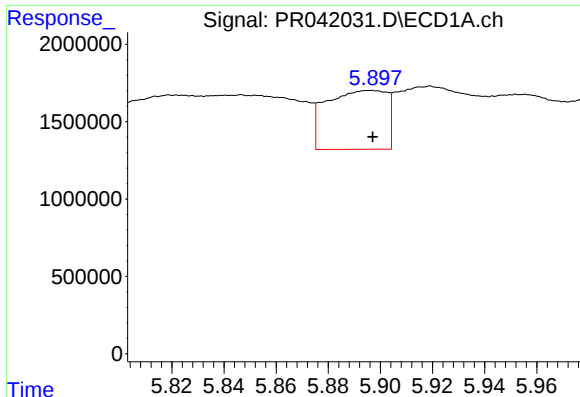
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.123	7.980	48782259	166.2E6	98.119	83.521
43) L9	AR-1268-3	9.368	8.193	12620454	84995320	30.941	50.717 #
44) L9	AR-1268-4	9.823	8.495	35848973	138.7E6	204.328	214.984
45) L9	AR-1268-5	10.269	8.812	76977843	268.5E6	59.073	58.510

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

Instrument :
ECD_R
ClientSampleId :
C0B21

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

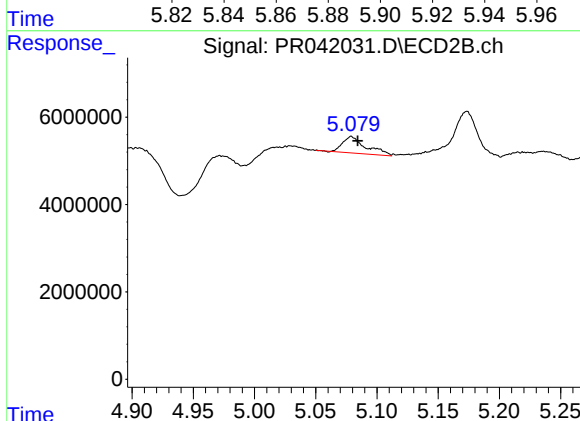




#3 AR-1016-1

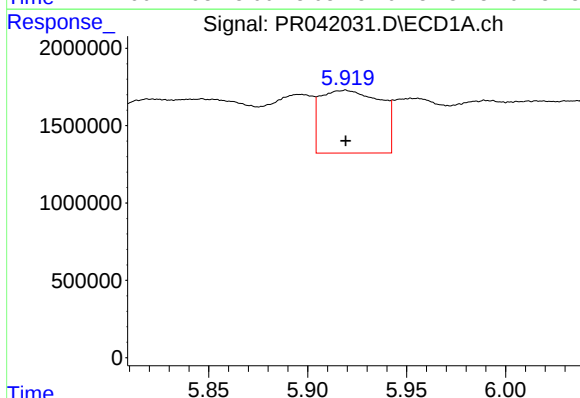
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 6099514
Conc: 42.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



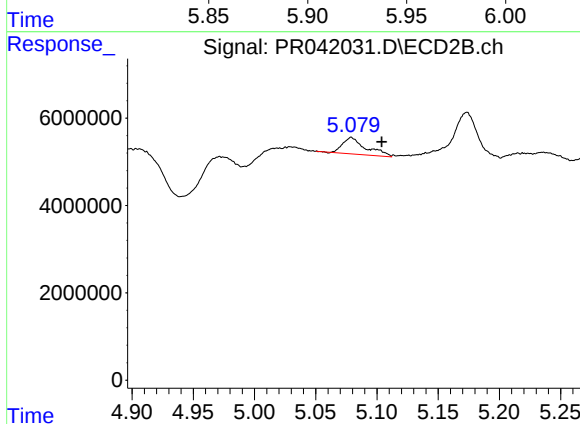
#3 AR-1016-1

R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 5023120
Conc: 9.24 ng/ml



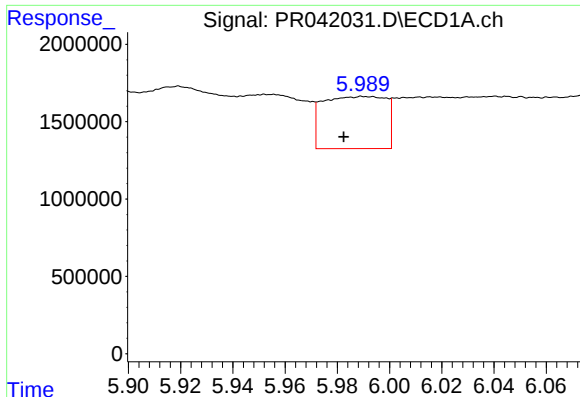
#4 AR-1016-2

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 8594127
Conc: 42.03 ng/ml



#4 AR-1016-2

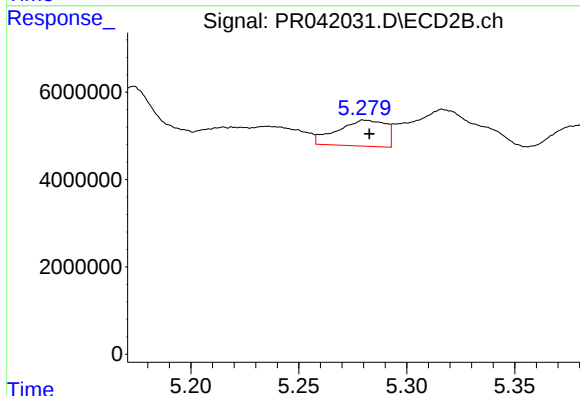
R.T.: 5.079 min
Delta R.T.: -0.025 min
Response: 5023120
Conc: 6.96 ng/ml



#5 AR-1016-3

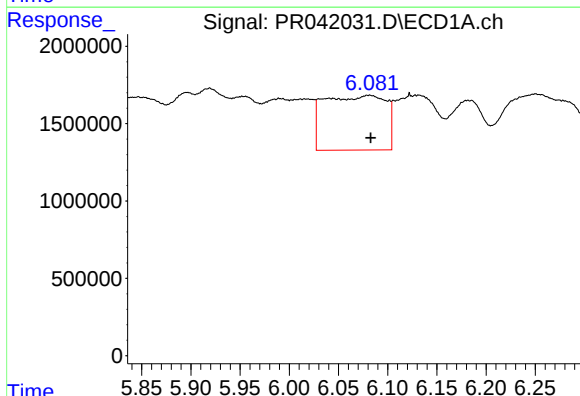
R.T.: 5.990 min
Delta R.T.: 0.008 min
Response: 5654678
Conc: 46.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



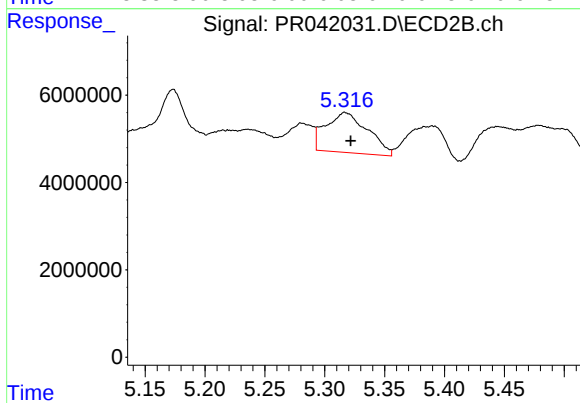
#5 AR-1016-3

R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 9261521
Conc: 25.40 ng/ml



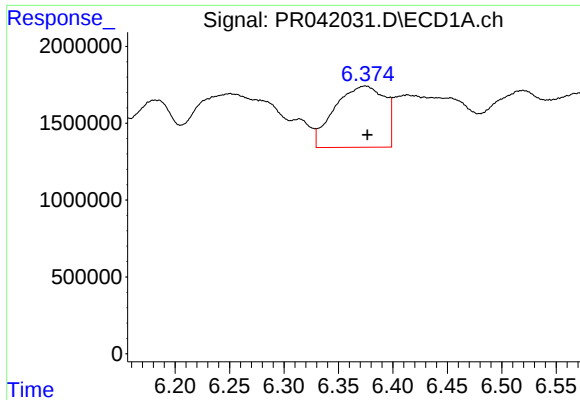
#6 AR-1016-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 15336726
Conc: 150.80 ng/ml



#6 AR-1016-4

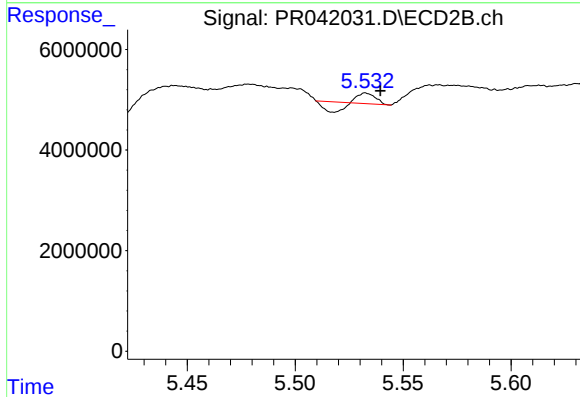
R.T.: 5.316 min
Delta R.T.: -0.005 min
Response: 22359573
Conc: 80.57 ng/ml



#7 AR-1016-5

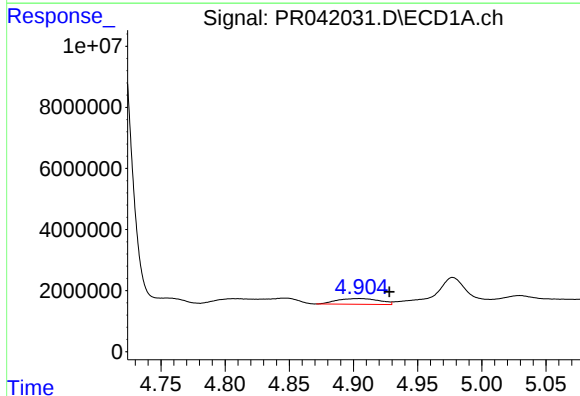
R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 12766454
Conc: 128.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



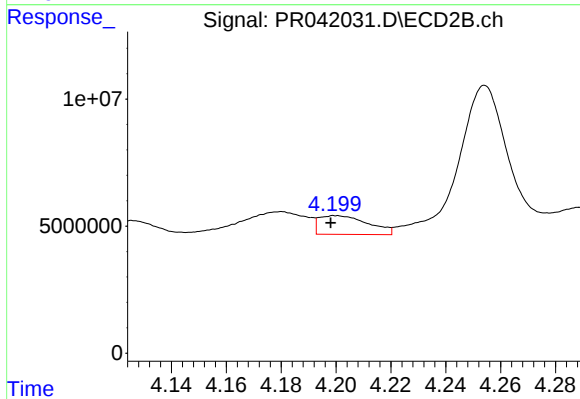
#7 AR-1016-5

R.T.: 5.533 min
Delta R.T.: -0.007 min
Response: 268315
Conc: 0.87 ng/ml



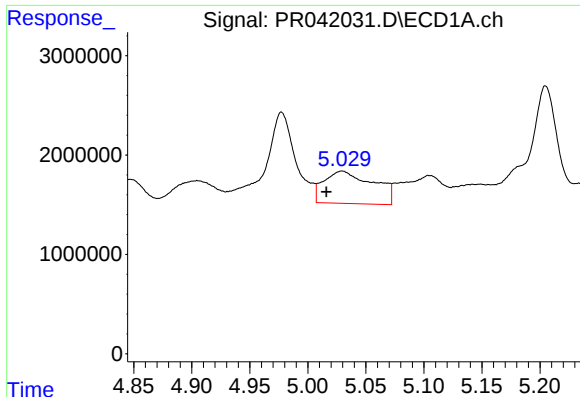
#8 AR-1221-1

R.T.: 4.905 min
Delta R.T.: -0.023 min
Response: 4329025
Conc: 105.44 ng/ml



#8 AR-1221-1

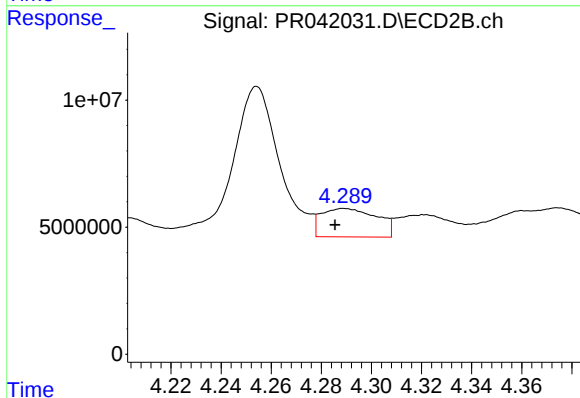
R.T.: 4.200 min
Delta R.T.: 0.002 min
Response: 9165511
Conc: 54.25 ng/ml



#9 AR-1221-2

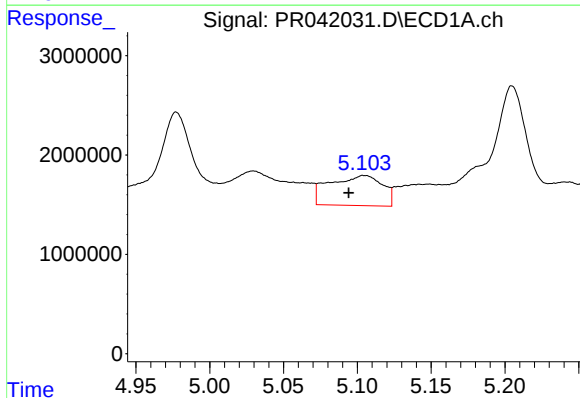
R.T.: 5.030 min
Delta R.T.: 0.014 min
Response: 9667605
Conc: 333.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



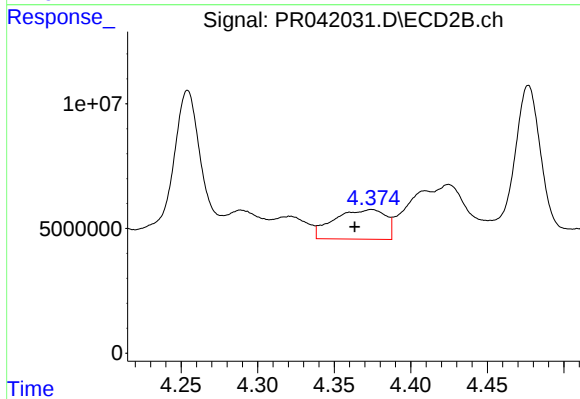
#9 AR-1221-2

R.T.: 4.289 min
Delta R.T.: 0.003 min
Response: 17208301
Conc: 140.02 ng/ml



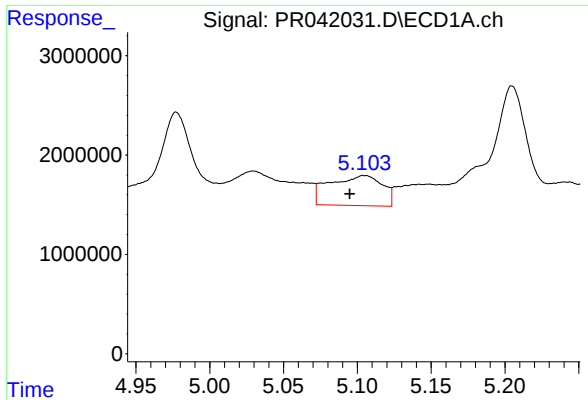
#10 AR-1221-3

R.T.: 5.105 min
Delta R.T.: 0.011 min
Response: 7508557
Conc: 77.17 ng/ml



#10 AR-1221-3

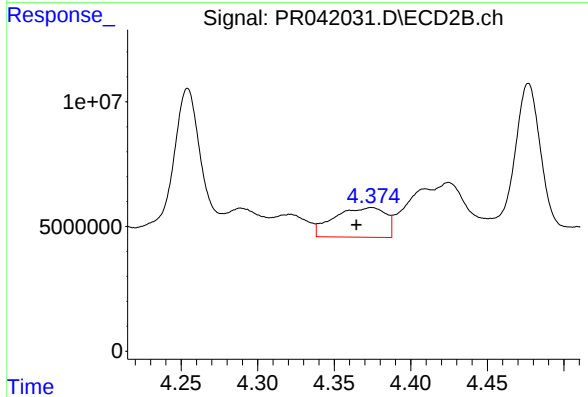
R.T.: 4.374 min
Delta R.T.: 0.011 min
Response: 27836776
Conc: 71.47 ng/ml



#11 AR-1232-1

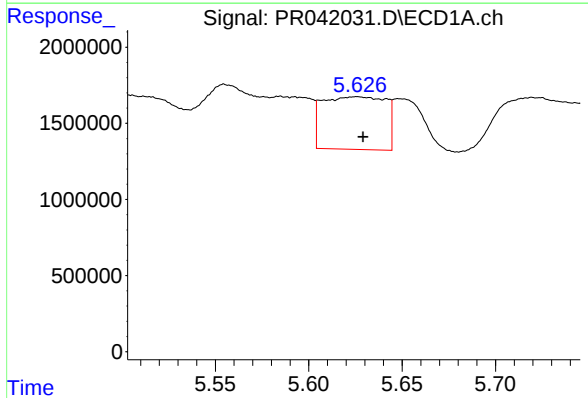
R.T.: 5.105 min
Delta R.T.: 0.010 min
Response: 7508557
Conc: 89.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



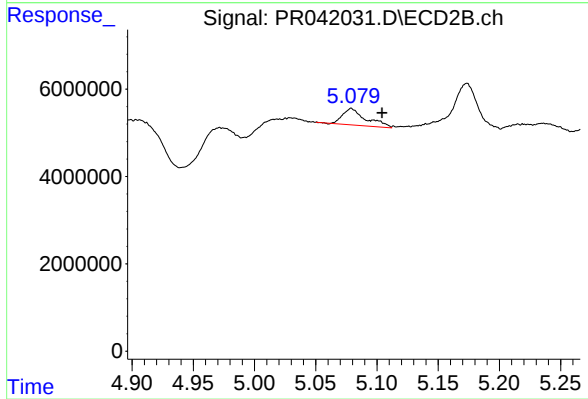
#11 AR-1232-1

R.T.: 4.374 min
Delta R.T.: 0.010 min
Response: 27836776
Conc: 81.70 ng/ml



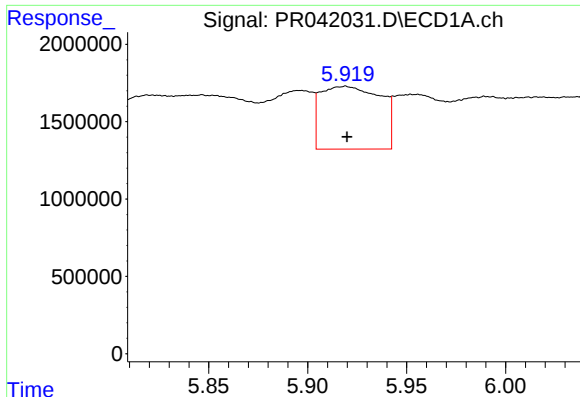
#12 AR-1232-2

R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 8067525
Conc: 187.27 ng/ml



#12 AR-1232-2

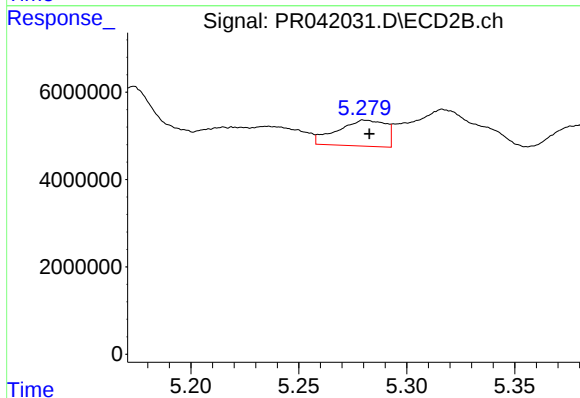
R.T.: 5.079 min
Delta R.T.: -0.025 min
Response: 5023120
Conc: 14.75 ng/ml



#13 AR-1232-3

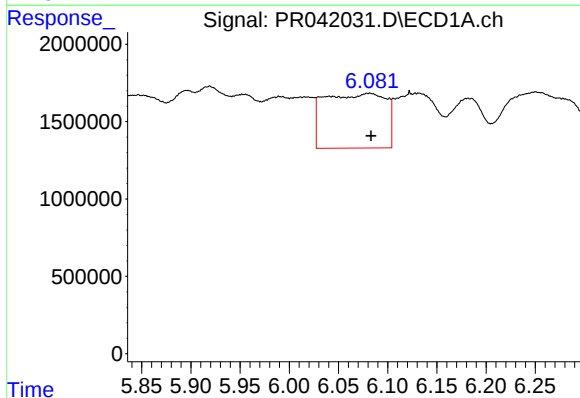
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 8594127
Conc: 95.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



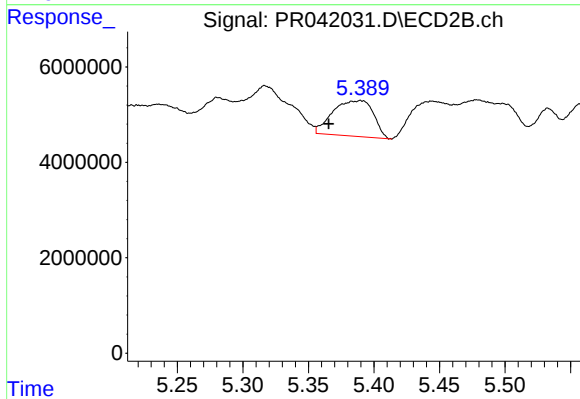
#13 AR-1232-3

R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 9261521
Conc: 54.99 ng/ml



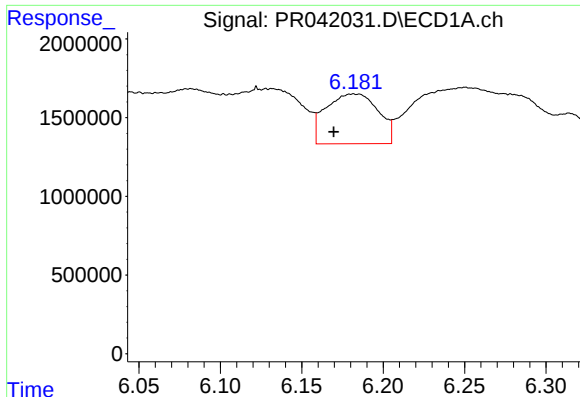
#14 AR-1232-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 15336726
Conc: 344.62 ng/ml



#14 AR-1232-4

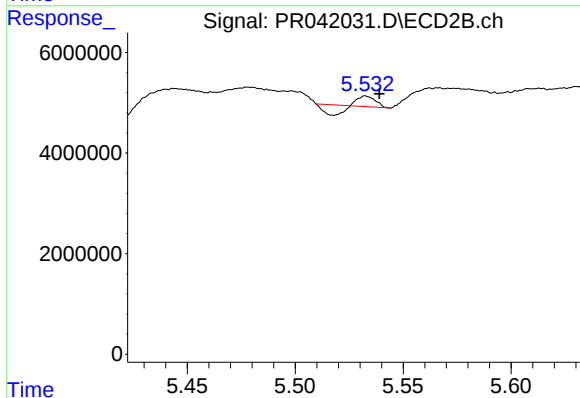
R.T.: 5.390 min
Delta R.T.: 0.024 min
Response: 16097424
Conc: 113.01 ng/ml



#15 AR-1232-5

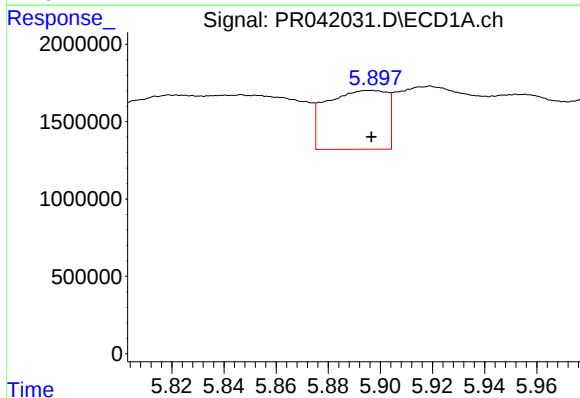
R.T.: 6.181 min
Delta R.T.: 0.012 min
Response: 7057163
Conc: 214.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



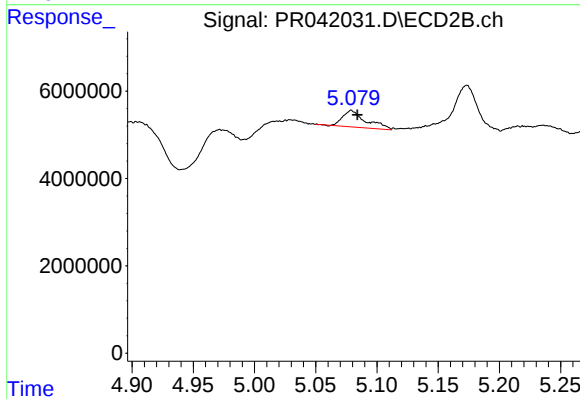
#15 AR-1232-5

R.T.: 5.533 min
Delta R.T.: -0.006 min
Response: 268315
Conc: 1.99 ng/ml



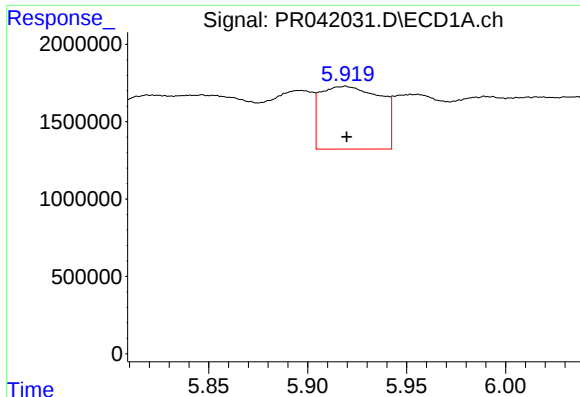
#16 AR-1242-1

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 6099514
Conc: 55.31 ng/ml



#16 AR-1242-1

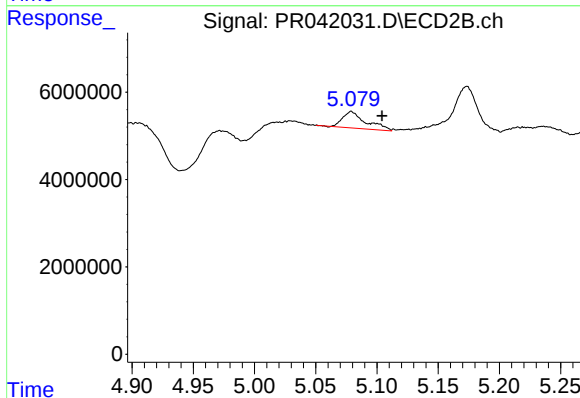
R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 5023120
Conc: 11.83 ng/ml



#17 AR-1242-2

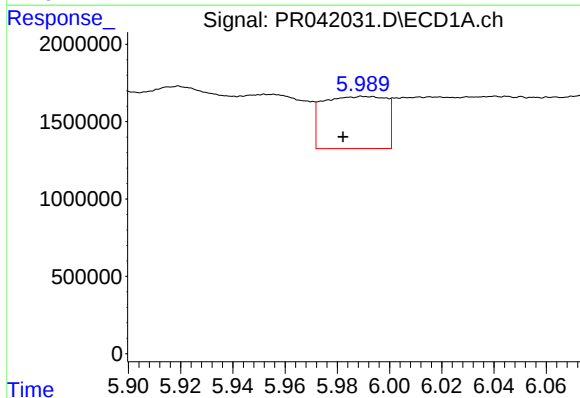
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 8594127
Conc: 55.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



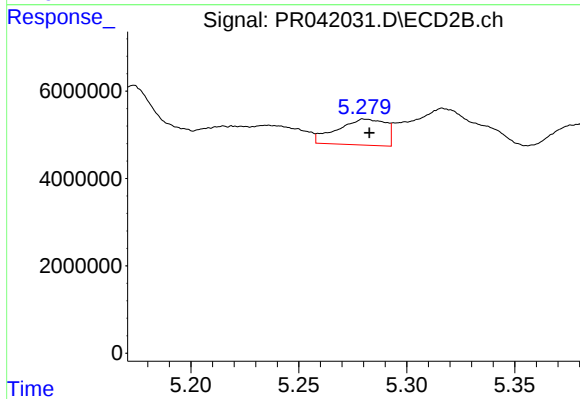
#17 AR-1242-2

R.T.: 5.079 min
Delta R.T.: -0.025 min
Response: 5023120
Conc: 8.83 ng/ml



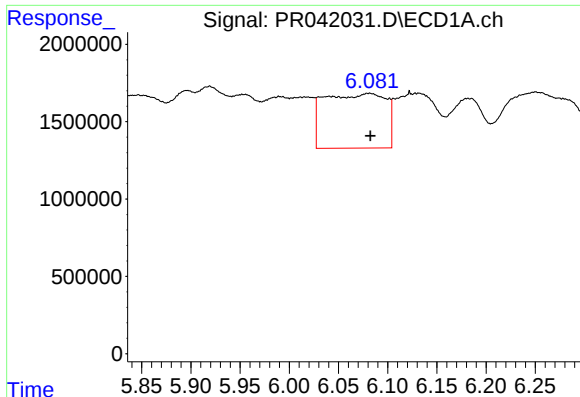
#18 AR-1242-3

R.T.: 5.990 min
Delta R.T.: 0.008 min
Response: 5654678
Conc: 60.27 ng/ml



#18 AR-1242-3

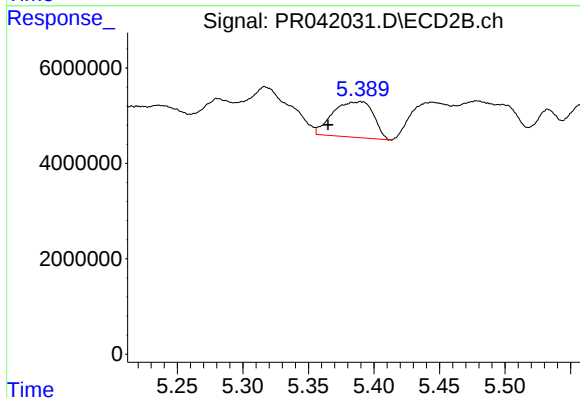
R.T.: 5.280 min
Delta R.T.: -0.003 min
Response: 9261521
Conc: 32.09 ng/ml



#19 AR-1242-4

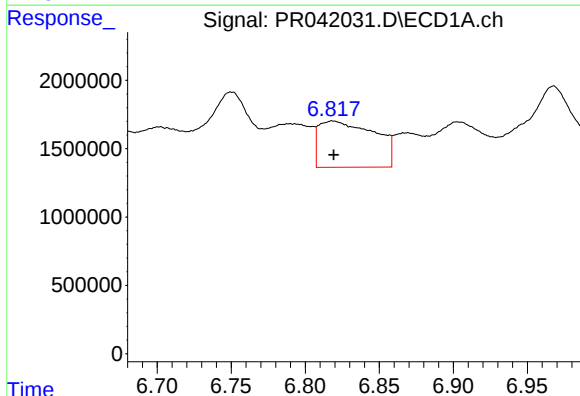
R.T.: 6.081 min
Delta R.T.: -0.001 min
Response: 15336726
Conc: 197.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



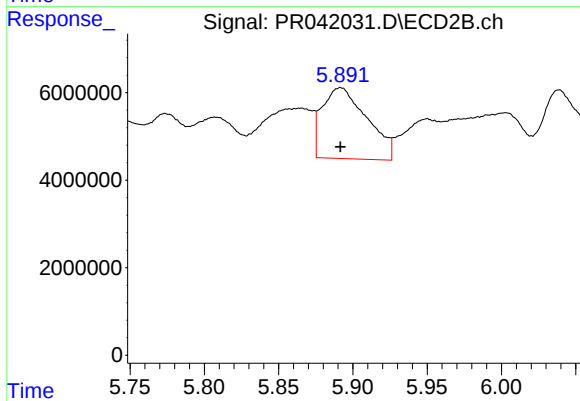
#19 AR-1242-4

R.T.: 5.390 min
Delta R.T.: 0.025 min
Response: 16097424
Conc: 61.84 ng/ml



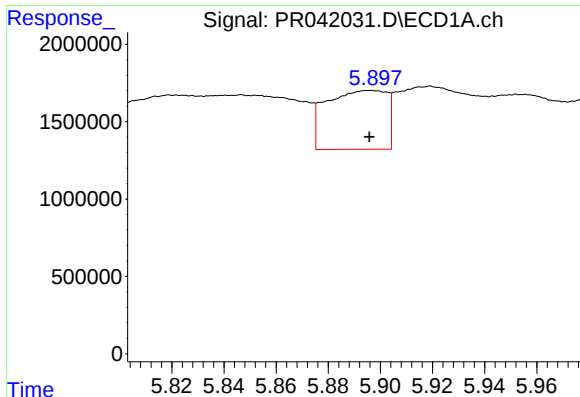
#20 AR-1242-5

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 8880245
Conc: 101.46 ng/ml



#20 AR-1242-5

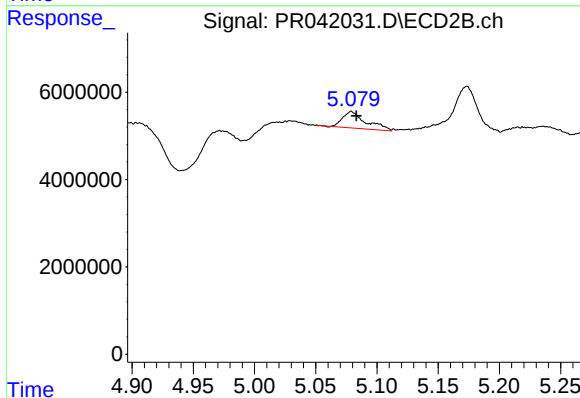
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 33968253
Conc: 128.04 ng/ml



#21 AR-1248-1

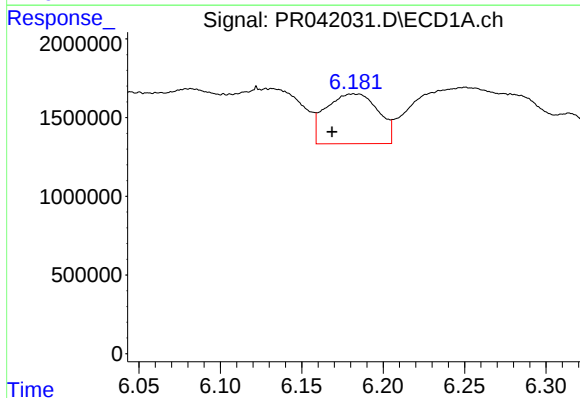
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 6099514
Conc: 73.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



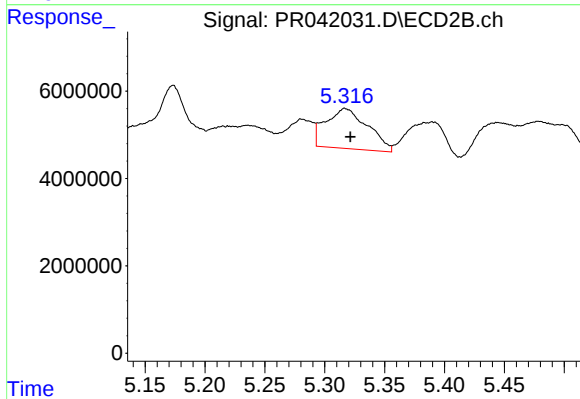
#21 AR-1248-1

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 5023120
Conc: 15.41 ng/ml



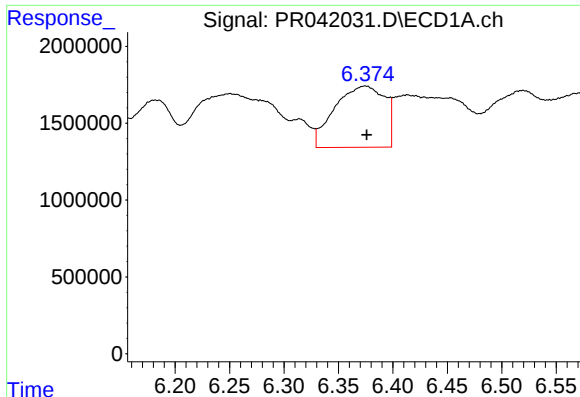
#22 AR-1248-2

R.T.: 6.181 min
Delta R.T.: 0.013 min
Response: 7057163
Conc: 61.50 ng/ml



#22 AR-1248-2

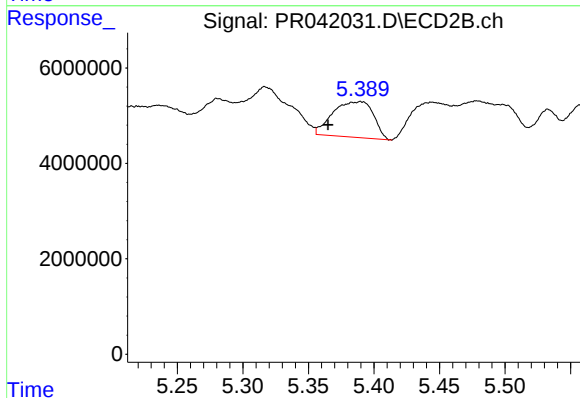
R.T.: 5.316 min
Delta R.T.: -0.005 min
Response: 22359573
Conc: 60.03 ng/ml



#23 AR-1248-3

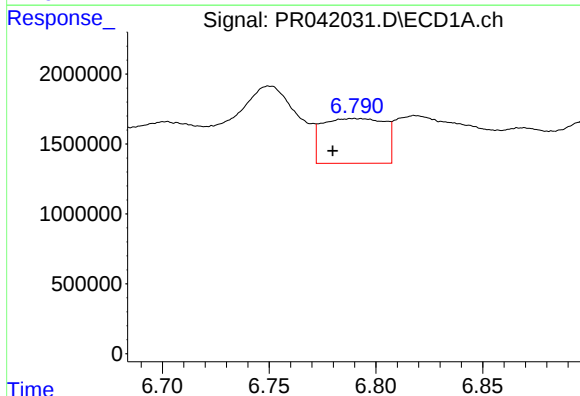
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 12766454
Conc: 98.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



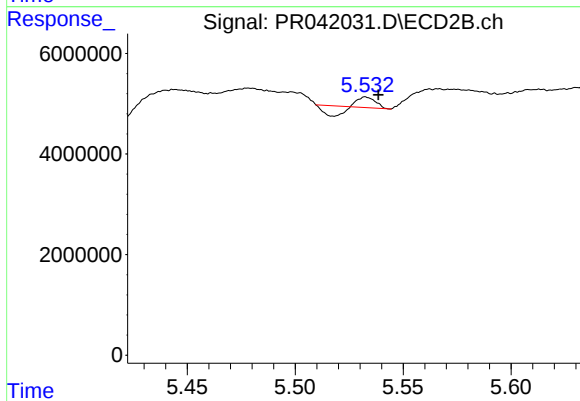
#23 AR-1248-3

R.T.: 5.390 min
Delta R.T.: 0.025 min
Response: 16097424
Conc: 43.00 ng/ml



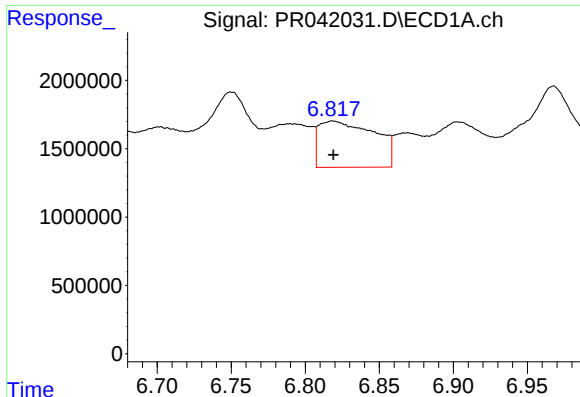
#24 AR-1248-4

R.T.: 6.790 min
Delta R.T.: 0.010 min
Response: 6502940
Conc: 42.38 ng/ml



#24 AR-1248-4

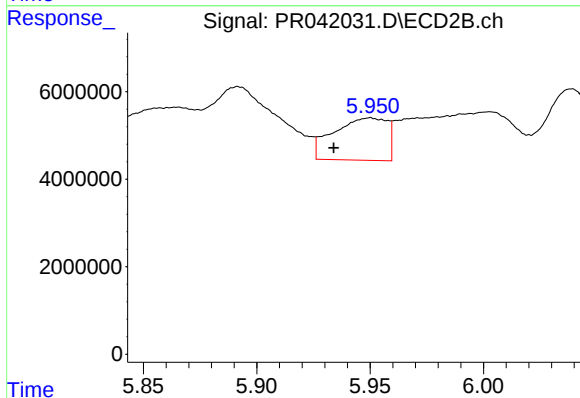
R.T.: 5.533 min
Delta R.T.: -0.006 min
Response: 268315
Conc: 0.67 ng/ml



#25 AR-1248-5

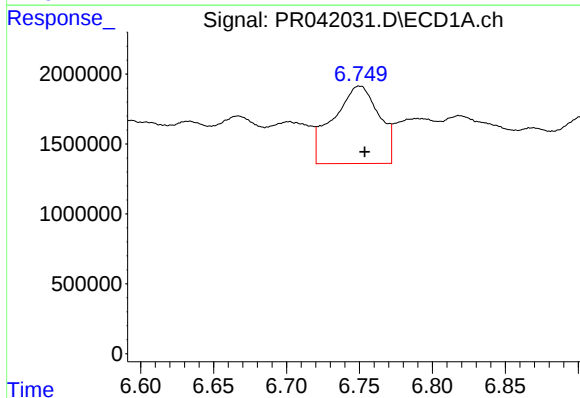
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 8880245
Conc: 61.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



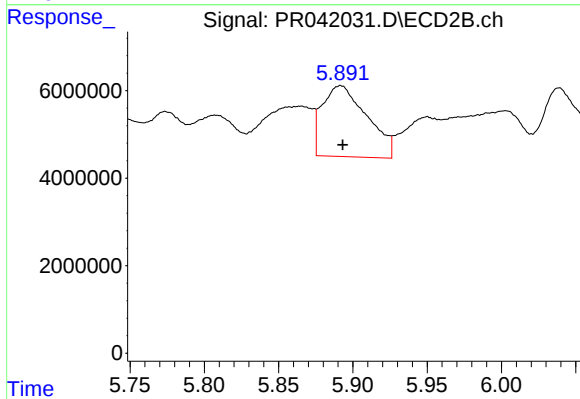
#25 AR-1248-5

R.T.: 5.950 min
Delta R.T.: 0.016 min
Response: 15860217
Conc: 45.41 ng/ml



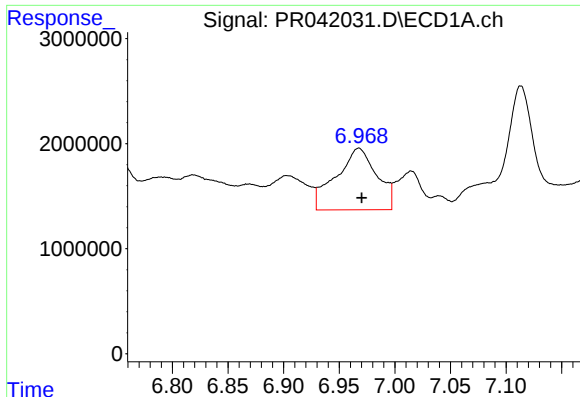
#26 AR-1254-1

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 12174379
Conc: 74.55 ng/ml



#26 AR-1254-1

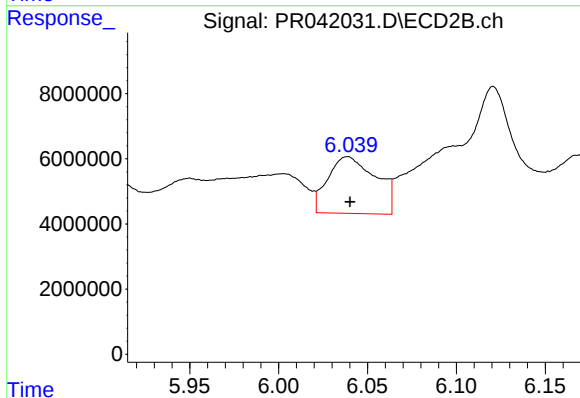
R.T.: 5.892 min
Delta R.T.: -0.001 min
Response: 33968253
Conc: 64.12 ng/ml



#27 AR-1254-2

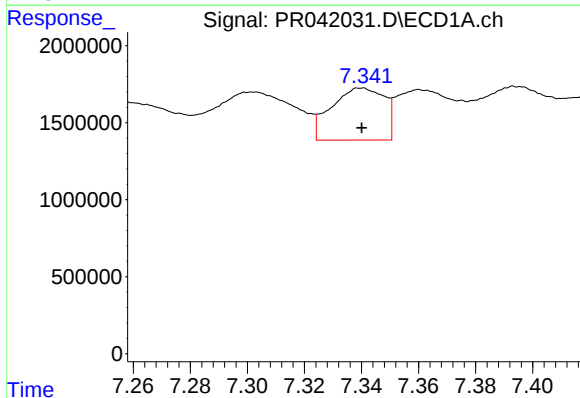
R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 14982423
Conc: 60.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



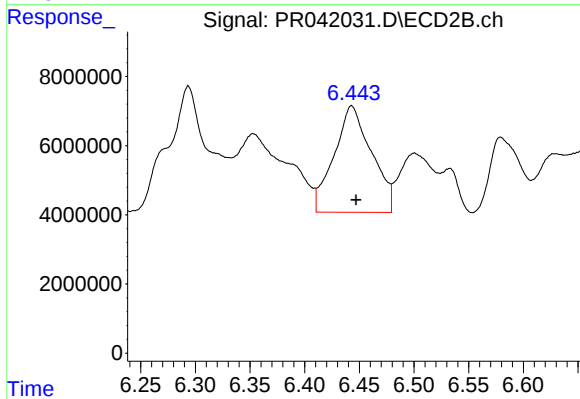
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: -0.001 min
Response: 32646295
Conc: 65.12 ng/ml



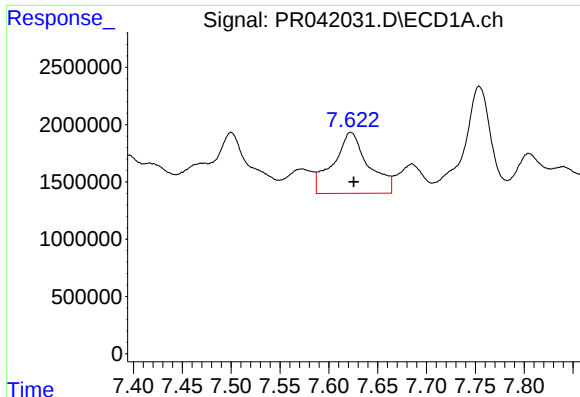
#28 AR-1254-3

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 4349474
Conc: 16.12 ng/ml



#28 AR-1254-3

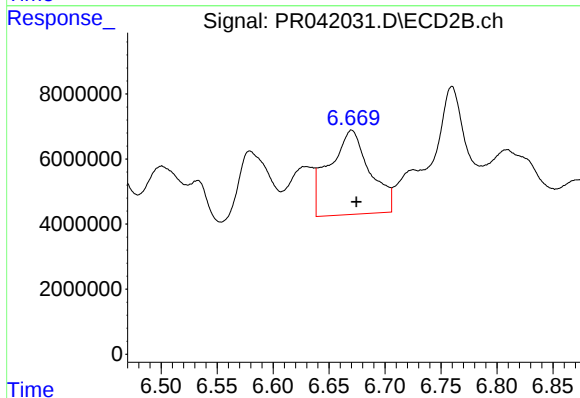
R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 73486832
Conc: 77.89 ng/ml



#29 AR-1254-4

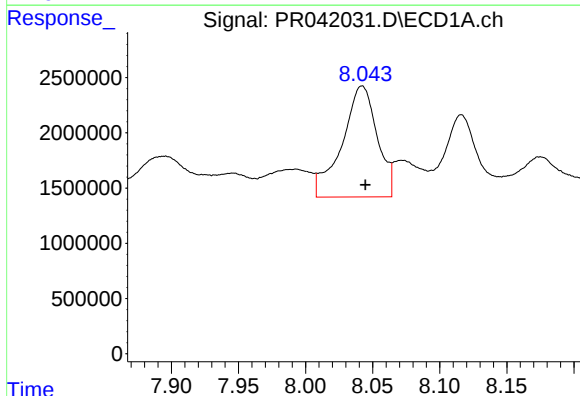
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 13313739
Conc: 65.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



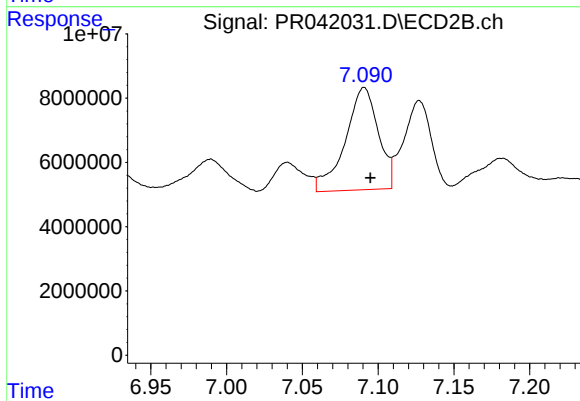
#29 AR-1254-4

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 65296427
Conc: 98.62 ng/ml



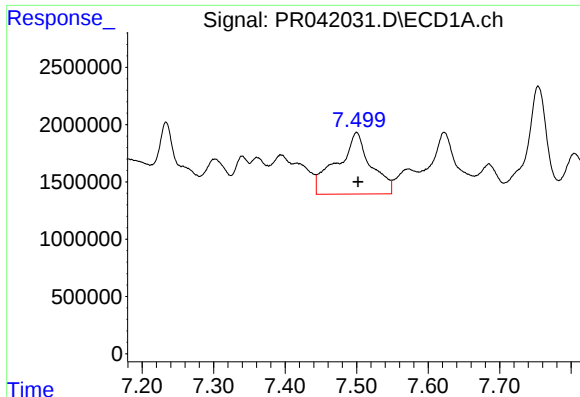
#30 AR-1254-5

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 18379376
Conc: 86.43 ng/ml



#30 AR-1254-5

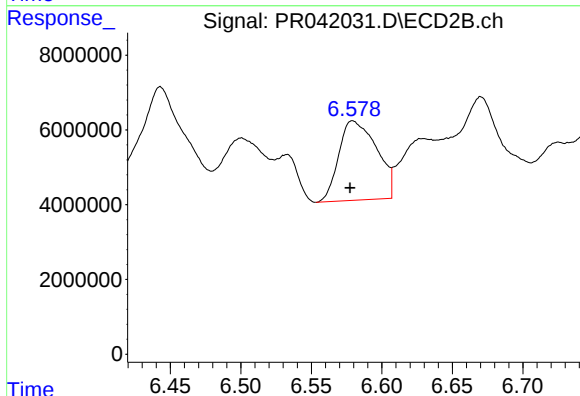
R.T.: 7.091 min
Delta R.T.: -0.004 min
Response: 48295542
Conc: 56.25 ng/ml



#31 AR-1260-1

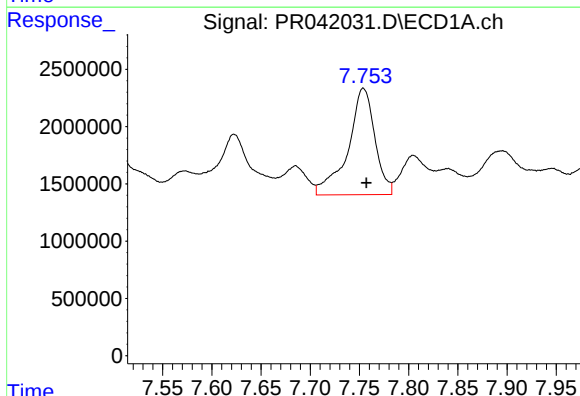
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 17596649
Conc: 92.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



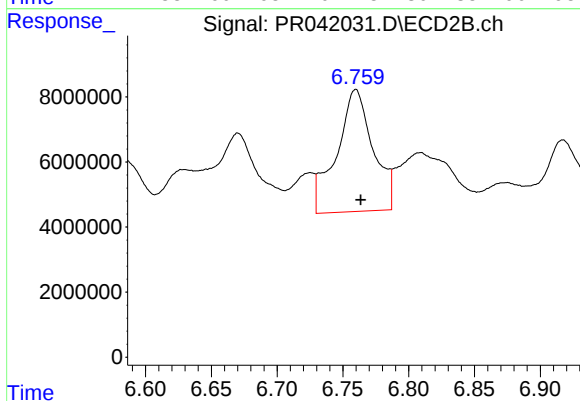
#31 AR-1260-1

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 39662709
Conc: 66.91 ng/ml



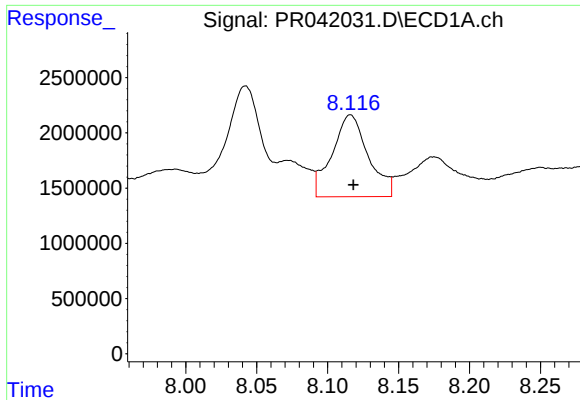
#32 AR-1260-2

R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 17693267
Conc: 74.86 ng/ml



#32 AR-1260-2

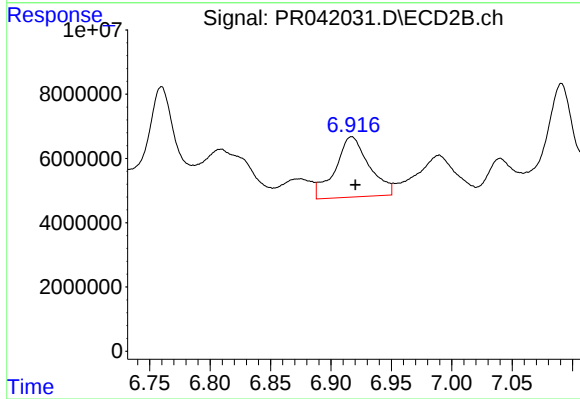
R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 72343951
Conc: 88.74 ng/ml



#33 AR-1260-3

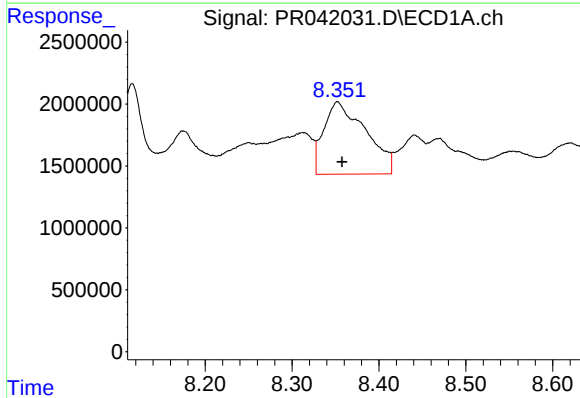
R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 13149770
Conc: 70.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



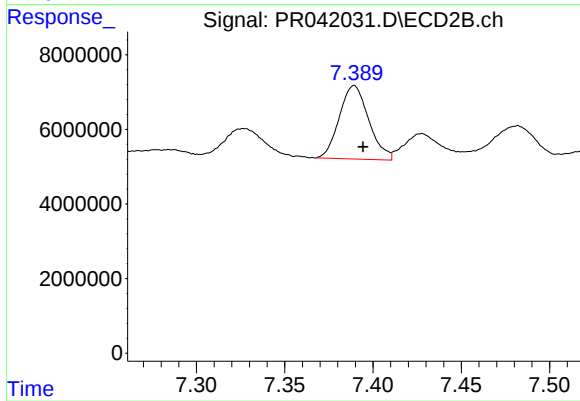
#33 AR-1260-3

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 36707564
Conc: 53.10 ng/ml



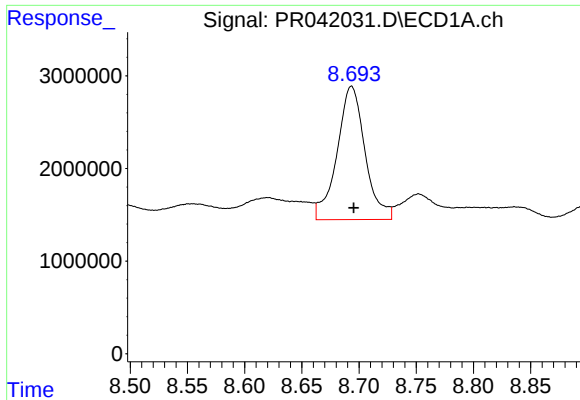
#34 AR-1260-4

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 19579005
Conc: 97.42 ng/ml



#34 AR-1260-4

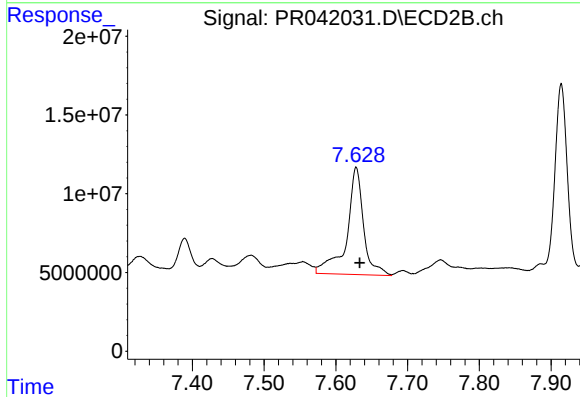
R.T.: 7.389 min
Delta R.T.: -0.005 min
Response: 22911152
Conc: 39.48 ng/ml



#35 AR-1260-5

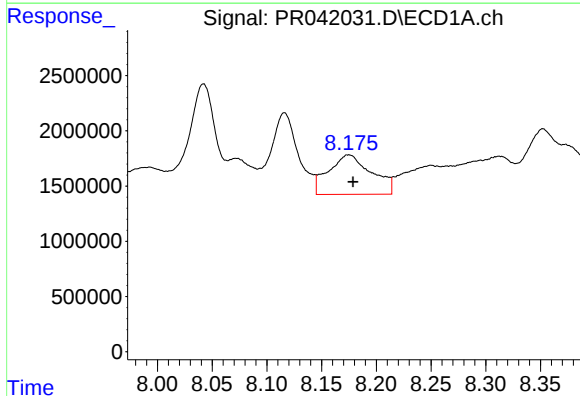
R.T.: 8.693 min
Delta R.T.: -0.002 min
Response: 24515771
Conc: 56.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



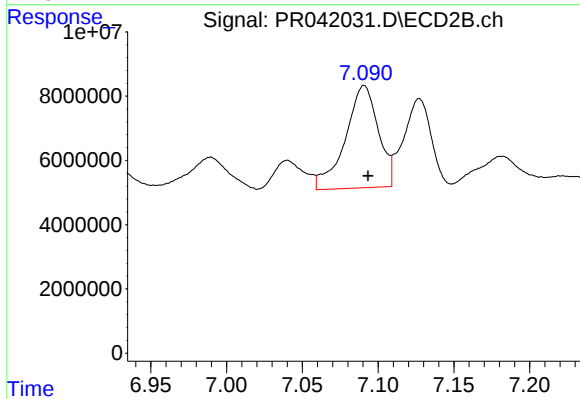
#35 AR-1260-5

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 110579502
Conc: 68.01 ng/ml



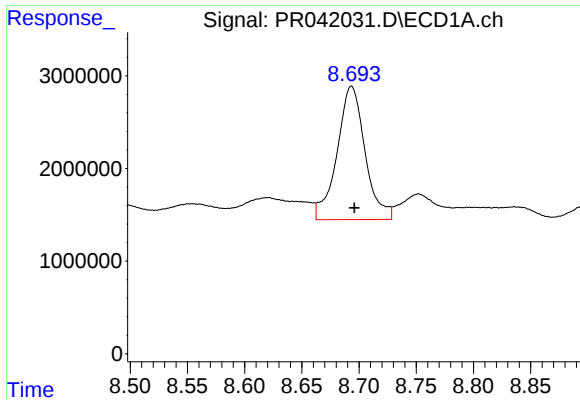
#36 AR-1262-1

R.T.: 8.175 min
Delta R.T.: -0.004 min
Response: 9795931
Conc: 104.07 ng/ml



#36 AR-1262-1

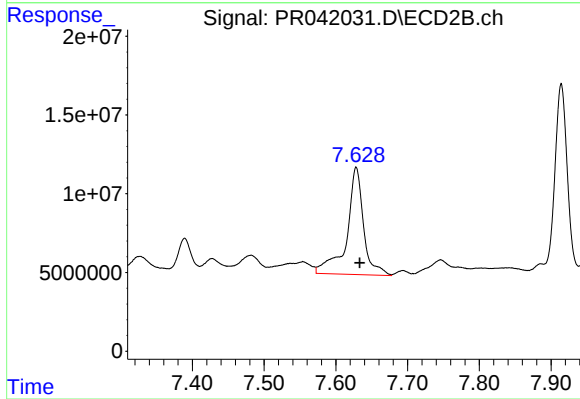
R.T.: 7.091 min
Delta R.T.: -0.003 min
Response: 48295542
Conc: 110.83 ng/ml



#37 AR-1262-2

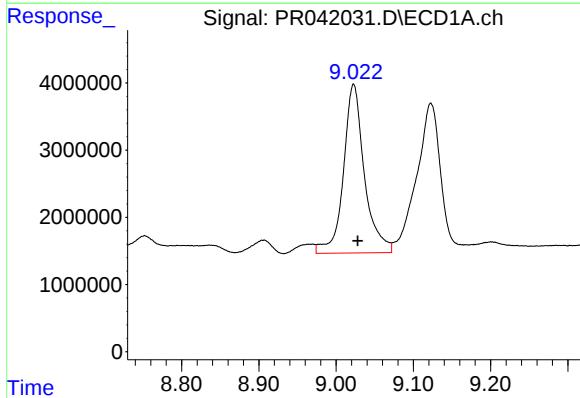
R.T.: 8.693 min
Delta R.T.: -0.003 min
Response: 24515771
Conc: 56.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



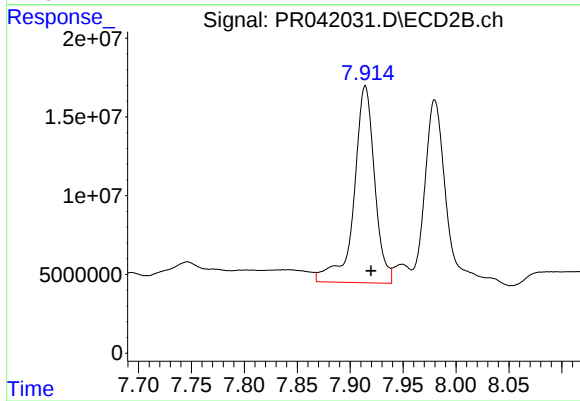
#37 AR-1262-2

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 110579502
Conc: 64.23 ng/ml



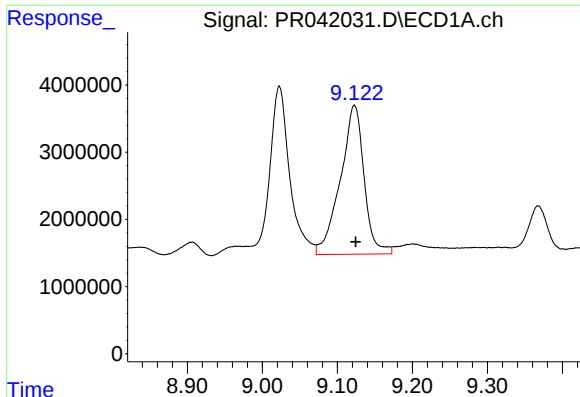
#38 AR-1262-3

R.T.: 9.023 min
Delta R.T.: -0.005 min
Response: 47350814
Conc: 169.87 ng/ml



#38 AR-1262-3

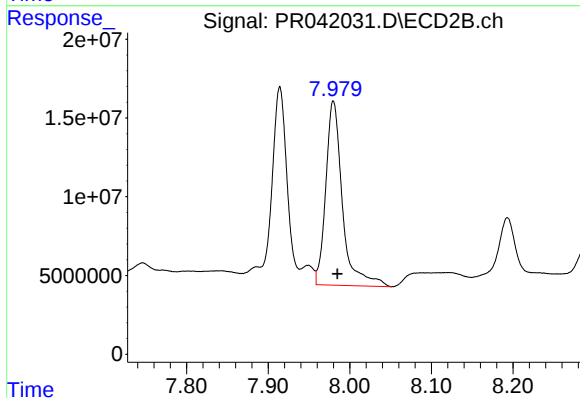
R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 169624411
Conc: 259.87 ng/ml



#39 AR-1262-4

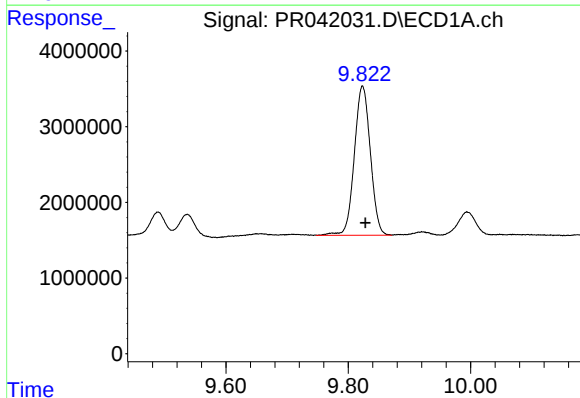
R.T.: 9.123 min
Delta R.T.: -0.002 min
Response: 48782259
Conc: 238.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



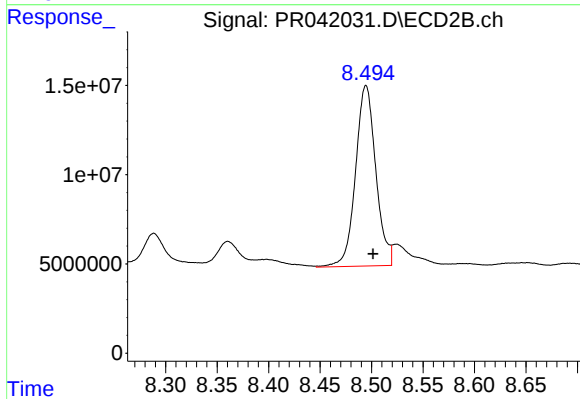
#39 AR-1262-4

R.T.: 7.980 min
Delta R.T.: -0.005 min
Response: 166192166
Conc: 142.22 ng/ml



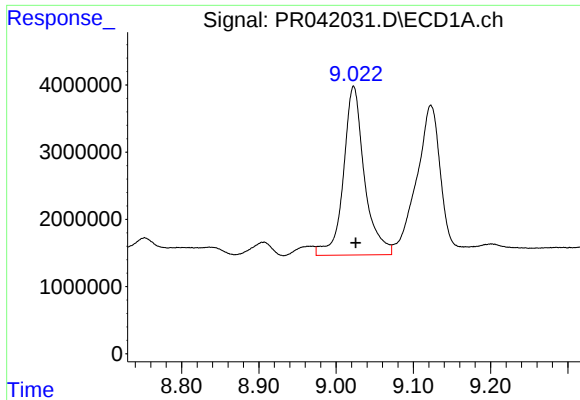
#40 AR-1262-5

R.T.: 9.823 min
Delta R.T.: -0.004 min
Response: 35848973
Conc: 248.52 ng/ml



#40 AR-1262-5

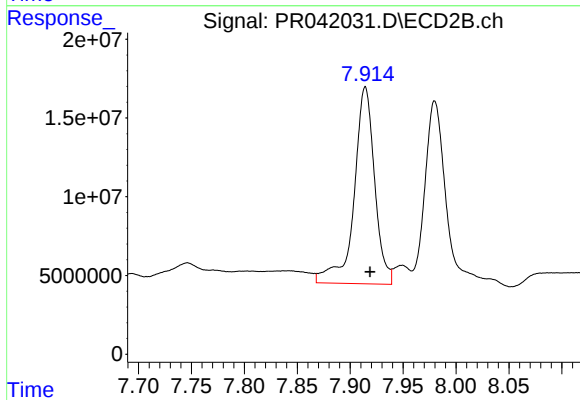
R.T.: 8.495 min
Delta R.T.: -0.007 min
Response: 138740487
Conc: 259.37 ng/ml



#41 AR-1268-1

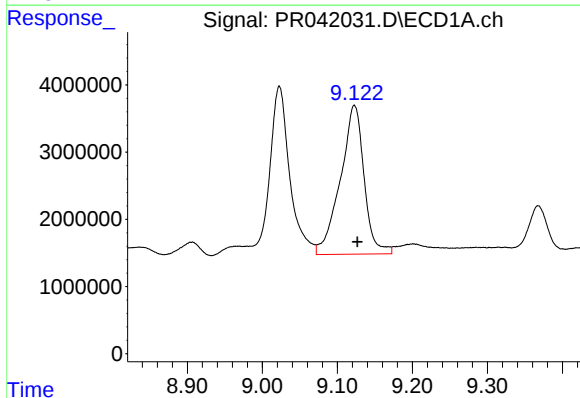
R.T.: 9.023 min
Delta R.T.: -0.003 min
Response: 47350814
Conc: 86.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



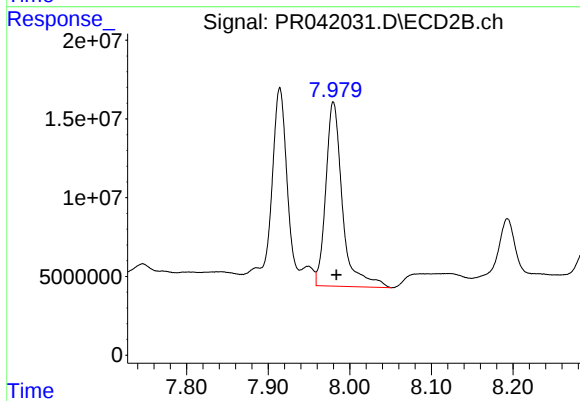
#41 AR-1268-1

R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 169624411
Conc: 77.36 ng/ml



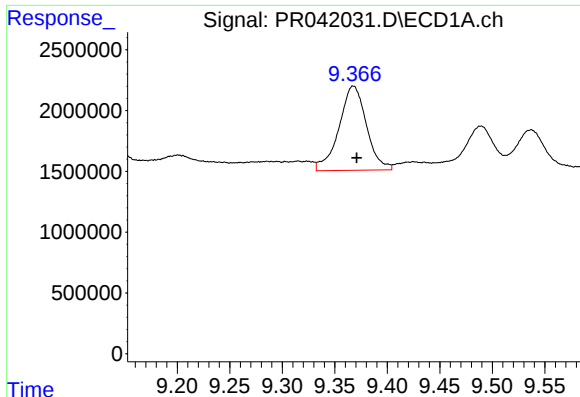
#42 AR-1268-2

R.T.: 9.123 min
Delta R.T.: -0.004 min
Response: 48782259
Conc: 98.12 ng/ml



#42 AR-1268-2

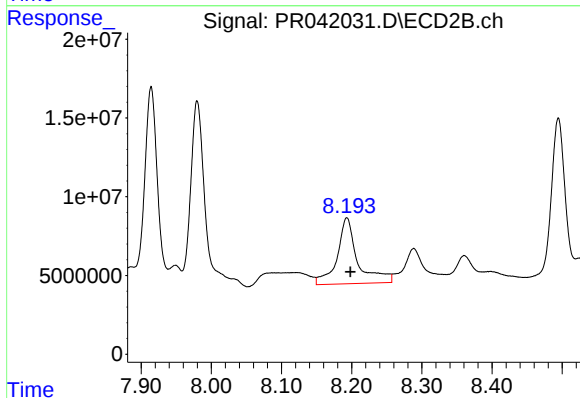
R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 166192166
Conc: 83.52 ng/ml



#43 AR-1268-3

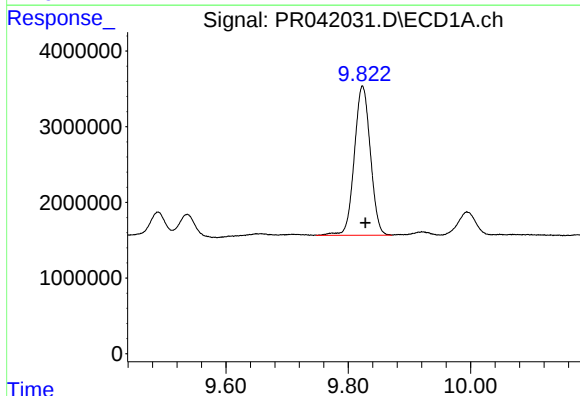
R.T.: 9.368 min
Delta R.T.: -0.003 min
Response: 12620454
Conc: 30.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



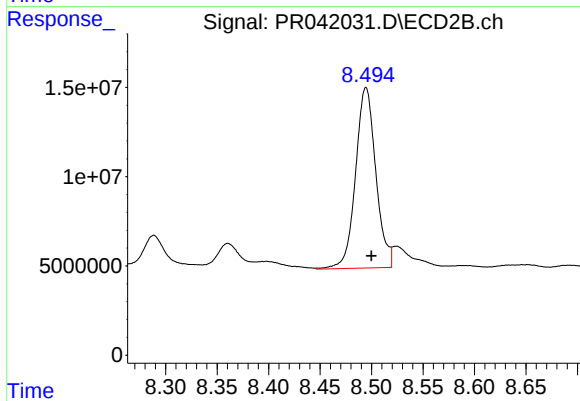
#43 AR-1268-3

R.T.: 8.193 min
Delta R.T.: -0.005 min
Response: 84995320
Conc: 50.72 ng/ml



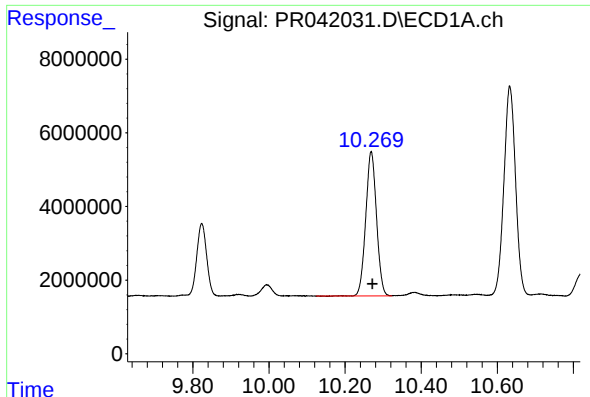
#44 AR-1268-4

R.T.: 9.823 min
Delta R.T.: -0.005 min
Response: 35848973
Conc: 204.33 ng/ml



#44 AR-1268-4

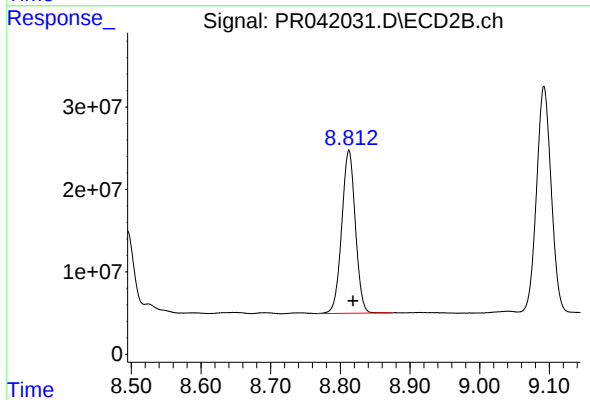
R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 138740487
Conc: 214.98 ng/ml



#45 AR-1268-5

R.T.: 10.269 min
Delta R.T.: -0.003 min
Response: 76977843
Conc: 59.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0B21



#45 AR-1268-5

R.T.: 8.812 min
Delta R.T.: -0.006 min
Response: 268500151
Conc: 58.51 ng/ml