

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
 Data File : PR043608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2019 07:29
 Operator : SM\AJ
 Sample : K6156-14
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 05:04:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.709	3.969	105.1E6	142.0E6	18.904	18.381
2)	SA Decachlor...	10.619	9.061	144.8E6	308.8E6	38.458	31.198
Target Compounds							
3)	L1 AR-1016-1	5.909	5.063	560851	22105381	2.897	54.220 #
4)	L1 AR-1016-2	5.909	5.063	560851	22105381	2.048	39.575 #
5)	L1 AR-1016-3	5.980	0.000	174594	0	1.060	N.D. #
6)	L1 AR-1016-4	6.080	0.000	4551965	0	33.053	N.D. #
7)	L1 AR-1016-5	6.371	5.448f	10271085	5809294	74.332	18.295 #
9)	L2 AR-1221-2	5.021	0.000	2102477	0	51.447	N.D. #
10)	L2 AR-1221-3	5.080	0.000	334492	0	2.434	N.D. #
11)	L3 AR-1232-1	5.080	0.000	334492	0	3.112	N.D. #
12)	L3 AR-1232-2	0.000	5.063	0	22105381	N.D.	94.732 #
13)	L3 AR-1232-3	5.909	0.000	560851	0	4.946	N.D. #
14)	L3 AR-1232-4	6.080	0.000	4551965	0	78.313	N.D. #
15)	L3 AR-1232-5	6.176	5.448f	8153127	5809294	182.604	48.516 #
16)	L4 AR-1242-1	5.909	5.063	560851	22105381	3.450	66.857 #
17)	L4 AR-1242-2	5.909	5.063	560851	22105381	2.459	48.355 #
18)	L4 AR-1242-3	5.980	0.000	174594	0	1.269	N.D. #
19)	L4 AR-1242-4	6.080	0.000	4551965	0	39.655	N.D. #
20)	L4 AR-1242-5	6.811	5.870	11168089	5189865	87.800	15.224 #
21)	L5 AR-1248-1	5.909	5.063	560851	22105381	4.725	90.337 #
22)	L5 AR-1248-2	6.176	0.000	8153127	0	50.043	N.D. #
23)	L5 AR-1248-3	6.371	0.000	10271085	0	56.568	N.D. #
24)	L5 AR-1248-4	6.770	5.448f	4158828	5809294	19.867	14.012 #
25)	L5 AR-1248-5	6.811	5.870f	11168089	5189865	56.252	11.677 #
26)	L6 AR-1254-1	6.744	5.870	6888225	5189865	31.515	7.284 #
27)	L6 AR-1254-2	7.013f	5.963f	1406829	56680212	4.172	88.613 #
28)	L6 AR-1254-3	7.330	6.423	1706307	2512727	4.878	2.482 #
29)	L6 AR-1254-4	7.621	6.650	2534035	27031403	10.141	37.540 #
30)	L6 AR-1254-5	8.031	7.068	29091633	20839932	112.891	24.463 #
31)	L7 AR-1260-1	7.497	6.558	20563073	38675458	82.520	57.086 #
32)	L7 AR-1260-2	7.704f	6.737	43476915	59170638	146.339	61.072 #
33)	L7 AR-1260-3	8.107	0.000	1447738	0	6.535	N.D. #
34)	L7 AR-1260-4	8.343	7.405f	3619484	7509640	14.389	11.837
35)	L7 AR-1260-5	8.679	7.545f	2845256	120.5E6	5.900	70.772 #
36)	L8 AR-1262-1	8.173	7.068	418576	20839932	3.144	42.144 #
37)	L8 AR-1262-2	8.679	7.545f	2845256	120.5E6	4.995	63.315 #
38)	L8 AR-1262-3	9.035	7.861	12340409	14023160	34.086	18.384 #
39)	L8 AR-1262-4	9.108	7.923	9913784	40994705	37.247	33.024
40)	L8 AR-1262-5	9.854f	8.454	13876997	64886447	73.694	113.846 #
41)	L9 AR-1268-1	9.035	7.923	12340409	40994705	19.284	19.102
42)	L9 AR-1268-2	9.108	7.923	9913784	40994705	17.206	22.594 #

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 QLast Update : Sat Dec 07 03:51:56 2019
 Response via : Initial Calibration
 Integrator: ChemStation

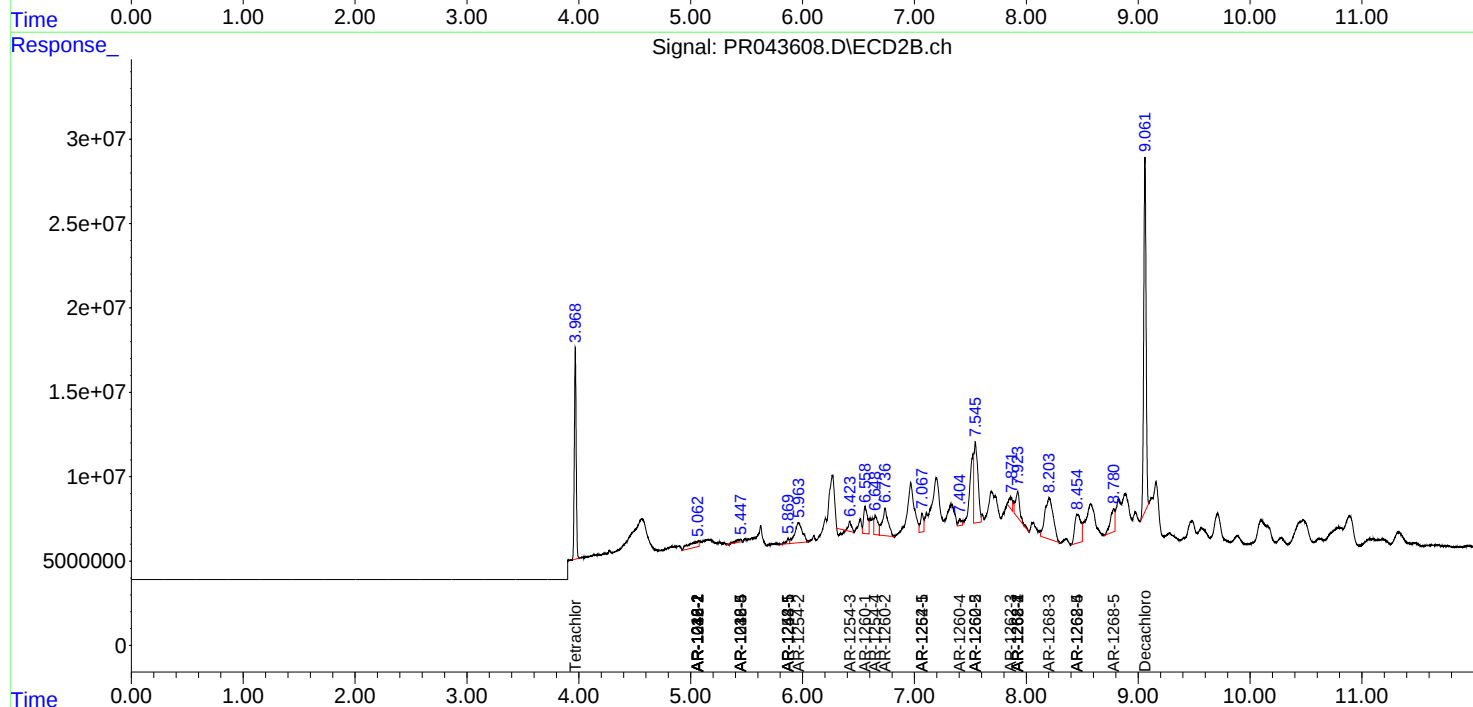
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

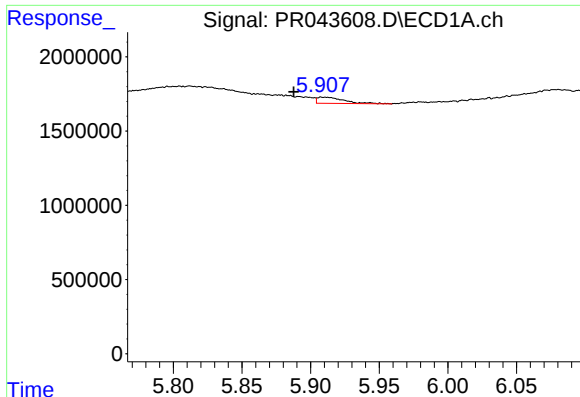
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.205f	0	126.2E6	N.D.	81.937 #
44) L9	AR-1268-4	9.854f	8.454	13876997	64886447	67.918	105.811 #
45) L9	AR-1268-5	10.256	8.782	76594855	37930389	48.981	8.965 #

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

Instrument :
ECD_R
ClientSampleId :

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

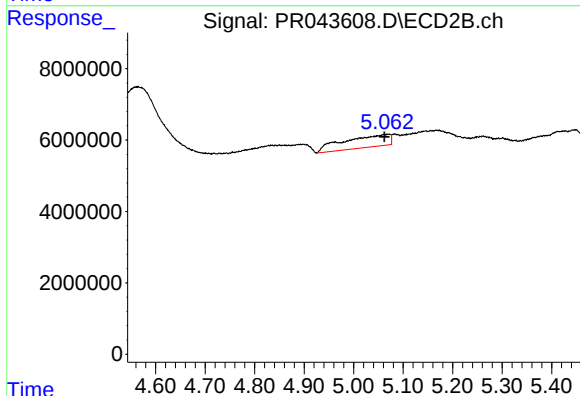




#3 AR-1016-1

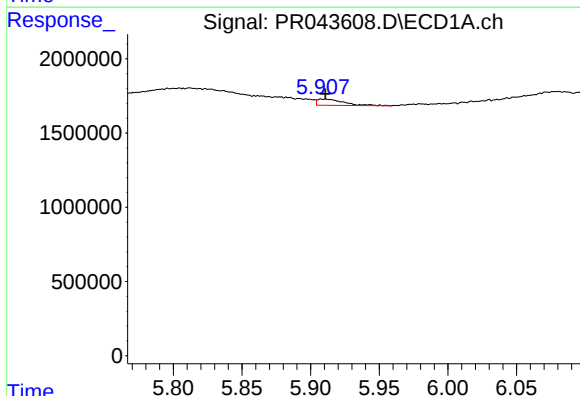
R.T.: 5.909 min
Delta R.T.: 0.021 min
Response: 560851
Conc: 2.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



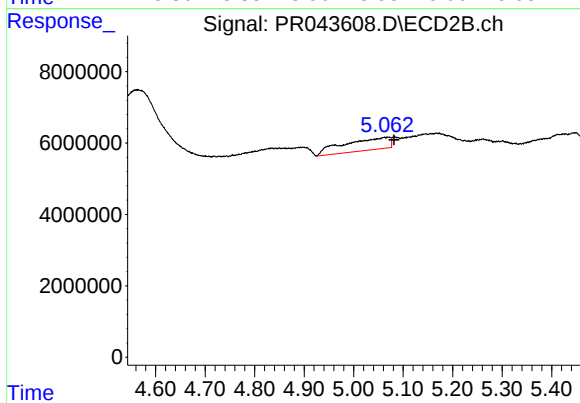
#3 AR-1016-1

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 22105381
Conc: 54.22 ng/ml



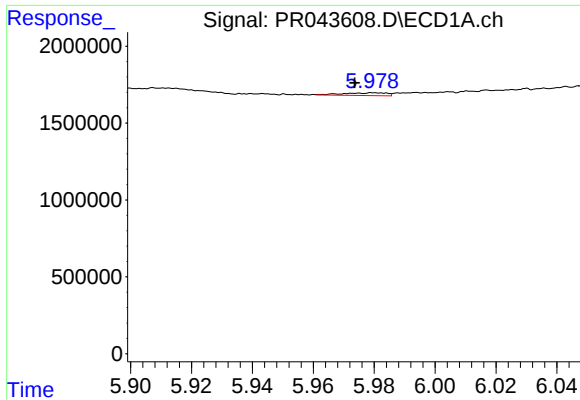
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 560851
Conc: 2.05 ng/ml



#4 AR-1016-2

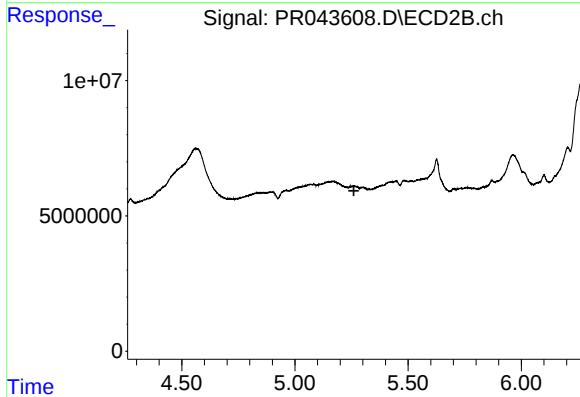
R.T.: 5.063 min
Delta R.T.: -0.019 min
Response: 22105381
Conc: 39.58 ng/ml



#5 AR-1016-3

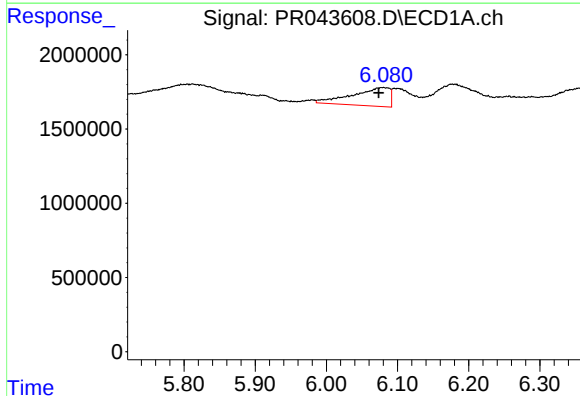
R.T.: 5.980 min
Delta R.T.: 0.007 min
Response: 174594
Conc: 1.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



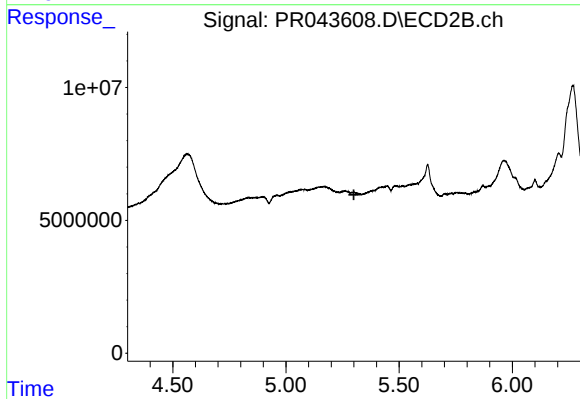
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.260 min
Response: 0
Conc: N.D.



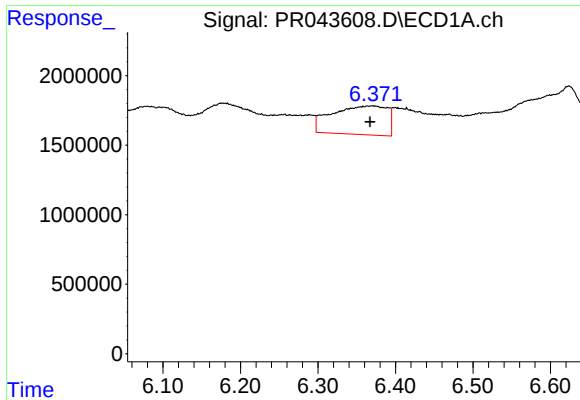
#6 AR-1016-4

R.T.: 6.080 min
Delta R.T.: 0.006 min
Response: 4551965
Conc: 33.05 ng/ml



#6 AR-1016-4

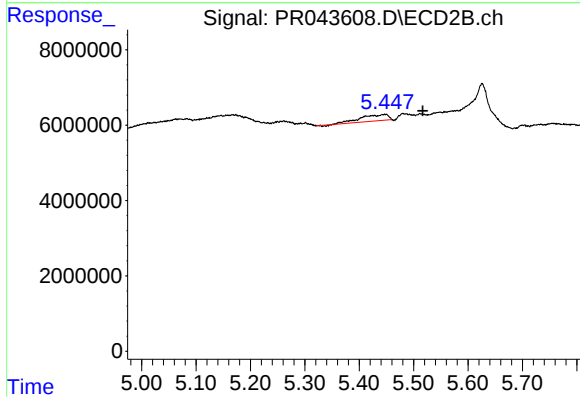
R.T.: 0.000 min
Exp R.T. : 5.300 min
Response: 0
Conc: N.D.



#7 AR-1016-5

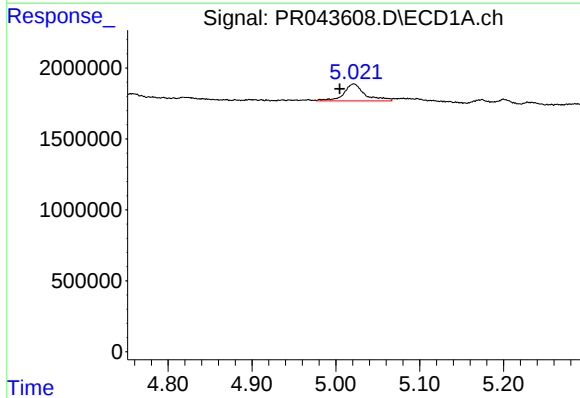
R.T.: 6.371 min
Delta R.T.: 0.004 min
Response: 10271085
Conc: 74.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



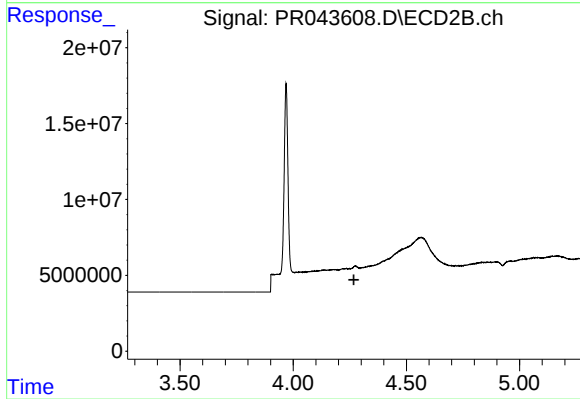
#7 AR-1016-5

R.T.: 5.448 min
Delta R.T.: -0.069 min
Response: 5809294
Conc: 18.30 ng/ml



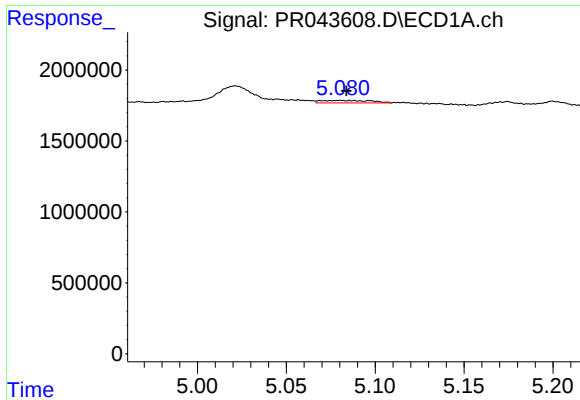
#9 AR-1221-2

R.T.: 5.021 min
Delta R.T.: 0.017 min
Response: 2102477
Conc: 51.45 ng/ml



#9 AR-1221-2

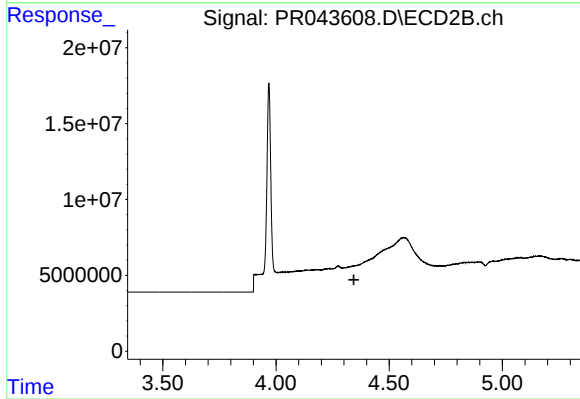
R.T.: 0.000 min
Exp R.T.: 4.268 min
Response: 0
Conc: N.D.



#10 AR-1221-3

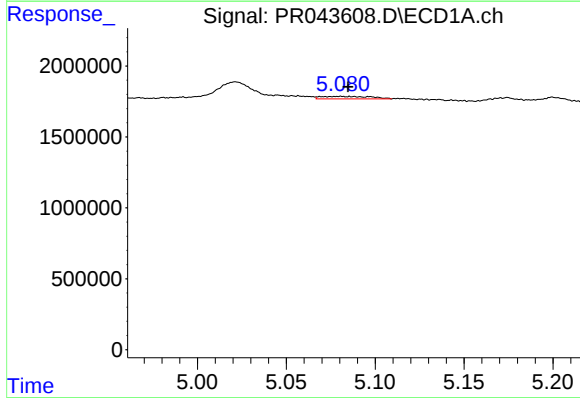
R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 334492
Conc: 2.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



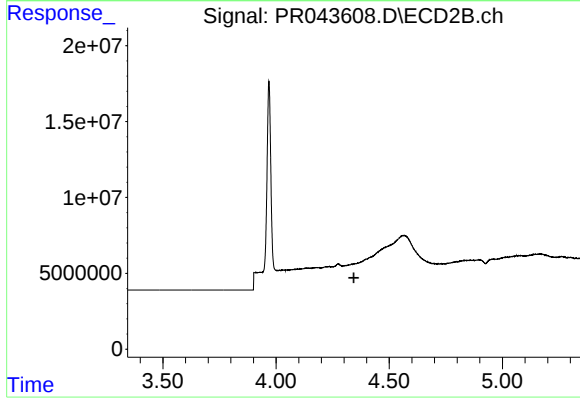
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.344 min
Response: 0
Conc: N.D.



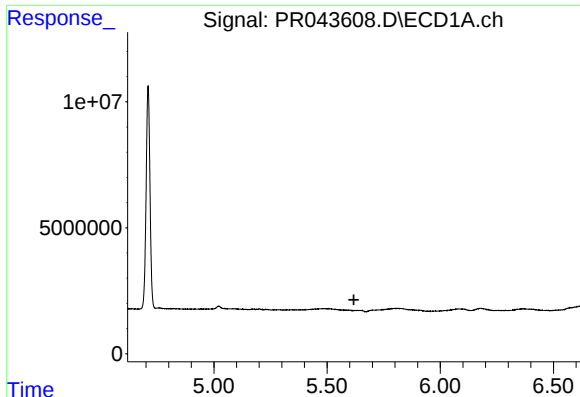
#11 AR-1232-1

R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 334492
Conc: 3.11 ng/ml



#11 AR-1232-1

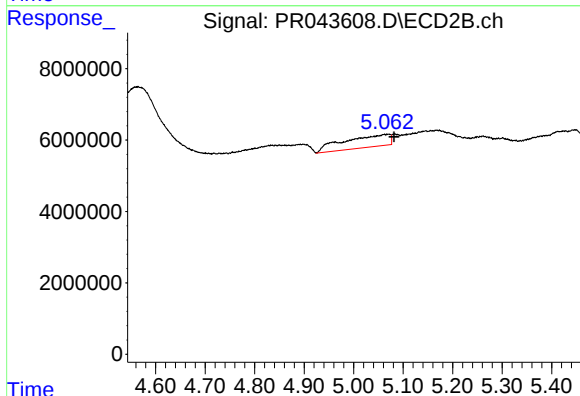
R.T.: 0.000 min
Exp R.T. : 4.344 min
Response: 0
Conc: N.D.



#12 AR-1232-2

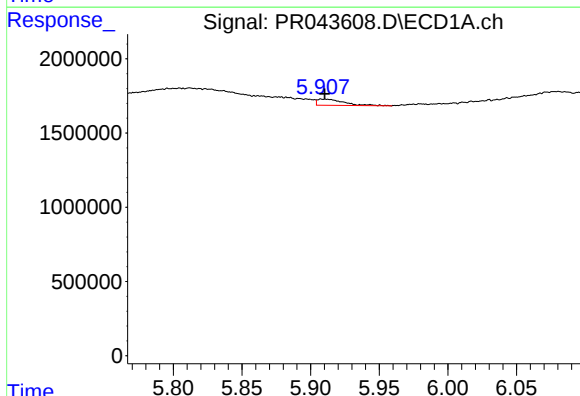
R.T.: 0.000 min
Exp R.T.: 5.618 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



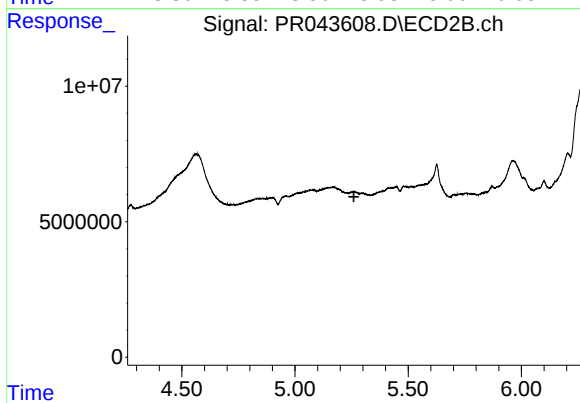
#12 AR-1232-2

R.T.: 5.063 min
Delta R.T.: -0.019 min
Response: 22105381
Conc: 94.73 ng/ml



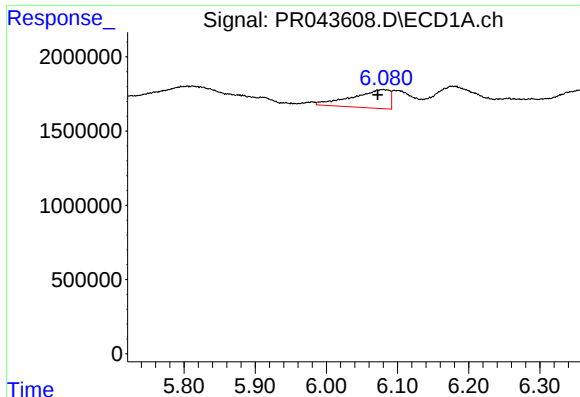
#13 AR-1232-3

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 560851
Conc: 4.95 ng/ml



#13 AR-1232-3

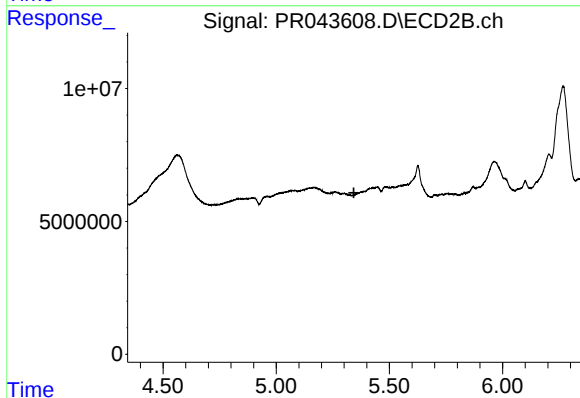
R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.



#14 AR-1232-4

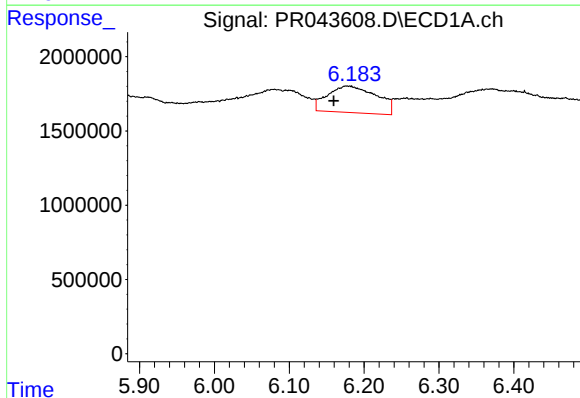
R.T.: 6.080 min
Delta R.T.: 0.007 min
Response: 4551965
Conc: 78.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



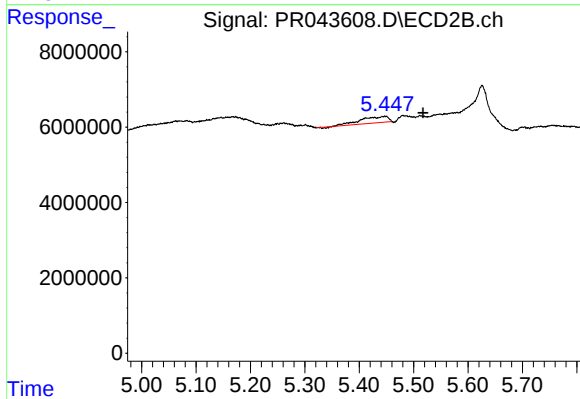
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.343 min
Response: 0
Conc: N.D.



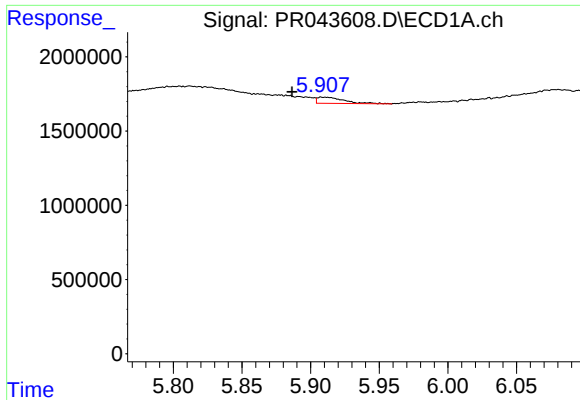
#15 AR-1232-5

R.T.: 6.176 min
Delta R.T.: 0.017 min
Response: 8153127
Conc: 182.60 ng/ml



#15 AR-1232-5

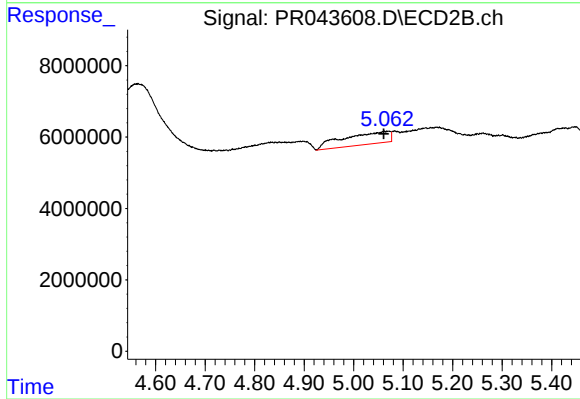
R.T.: 5.448 min
Delta R.T.: -0.070 min
Response: 5809294
Conc: 48.52 ng/ml



#16 AR-1242-1

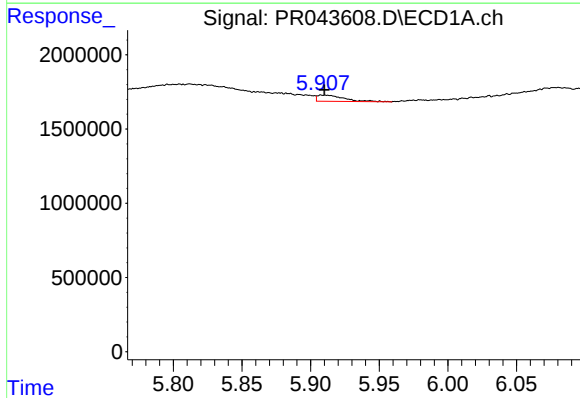
R.T.: 5.909 min
Delta R.T.: 0.022 min
Response: 560851
Conc: 3.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



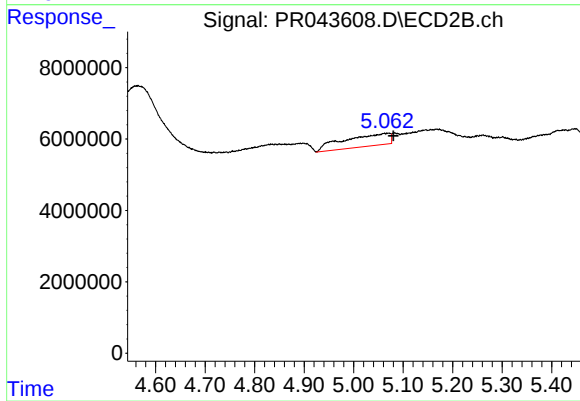
#16 AR-1242-1

R.T.: 5.063 min
Delta R.T.: 0.002 min
Response: 22105381
Conc: 66.86 ng/ml



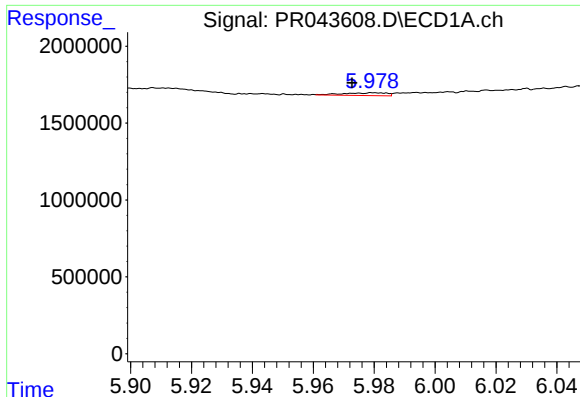
#17 AR-1242-2

R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 560851
Conc: 2.46 ng/ml



#17 AR-1242-2

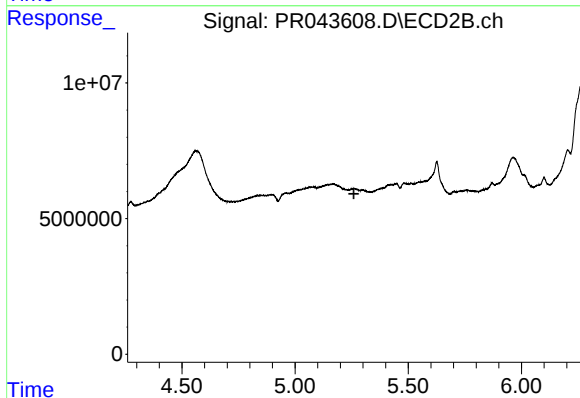
R.T.: 5.063 min
Delta R.T.: -0.018 min
Response: 22105381
Conc: 48.35 ng/ml



#18 AR-1242-3

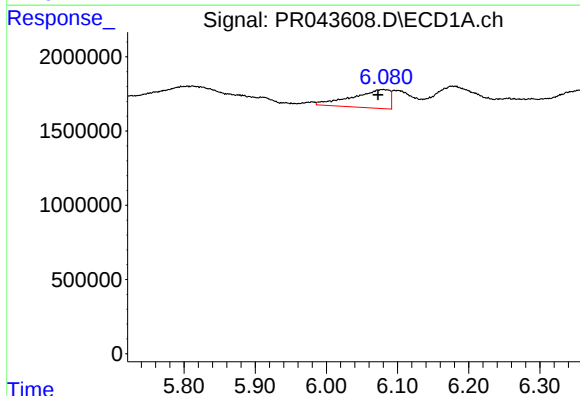
R.T.: 5.980 min
Delta R.T.: 0.007 min
Response: 174594
Conc: 1.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



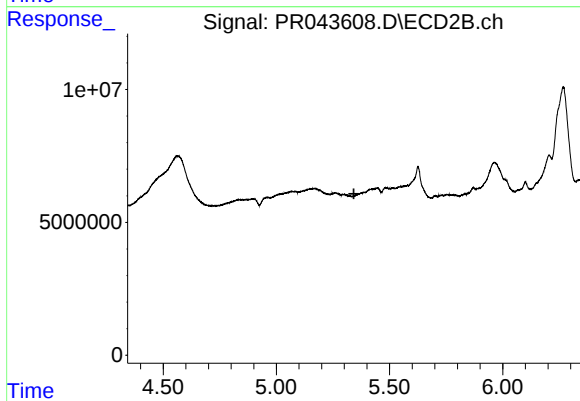
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.260 min
Response: 0
Conc: N.D.



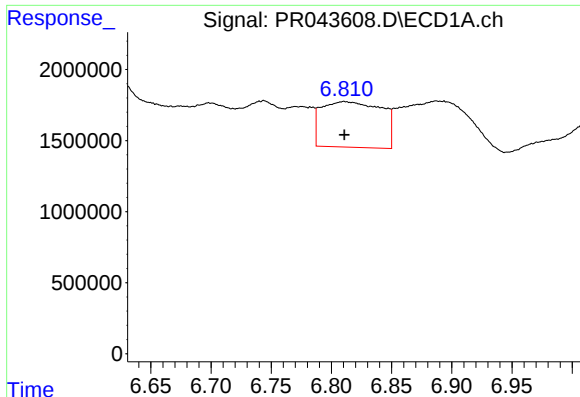
#19 AR-1242-4

R.T.: 6.080 min
Delta R.T.: 0.007 min
Response: 4551965
Conc: 39.66 ng/ml



#19 AR-1242-4

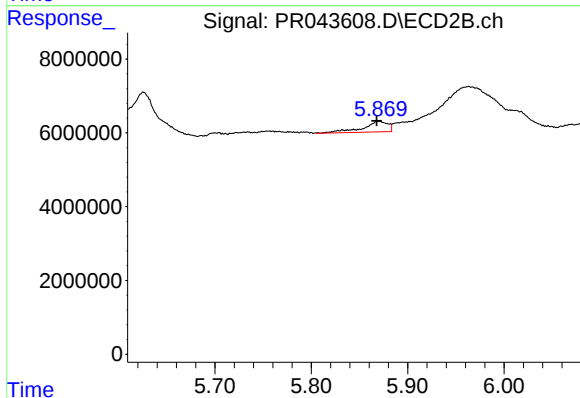
R.T.: 0.000 min
Exp R.T. : 5.343 min
Response: 0
Conc: N.D.



#20 AR-1242-5

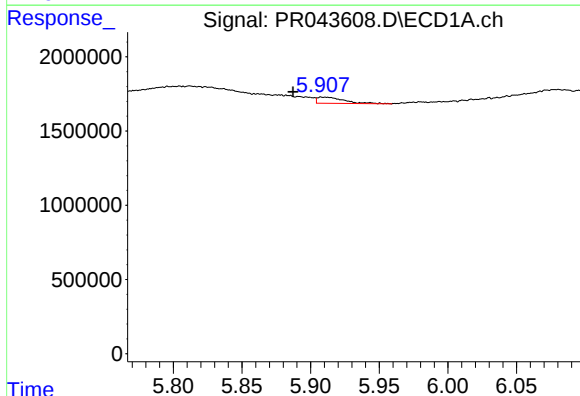
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 11168089
Conc: 87.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



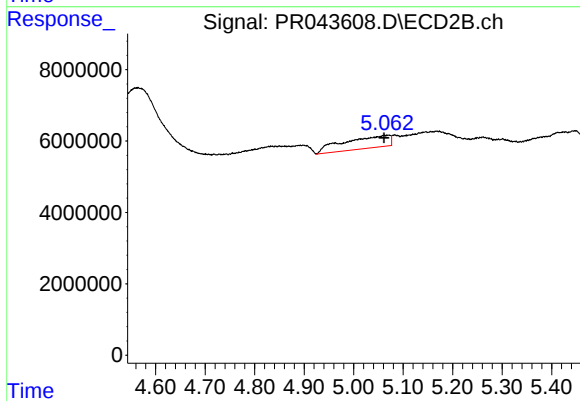
#20 AR-1242-5

R.T.: 5.870 min
Delta R.T.: 0.002 min
Response: 5189865
Conc: 15.22 ng/ml



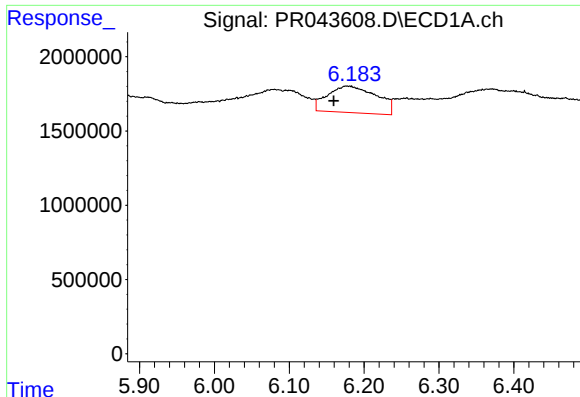
#21 AR-1248-1

R.T.: 5.909 min
Delta R.T.: 0.021 min
Response: 560851
Conc: 4.73 ng/ml



#21 AR-1248-1

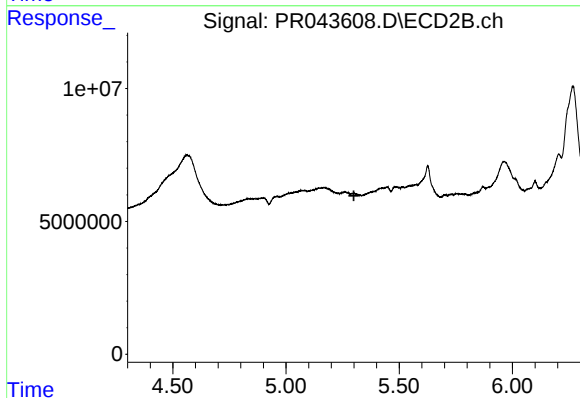
R.T.: 5.063 min
Delta R.T.: 0.001 min
Response: 22105381
Conc: 90.34 ng/ml



#22 AR-1248-2

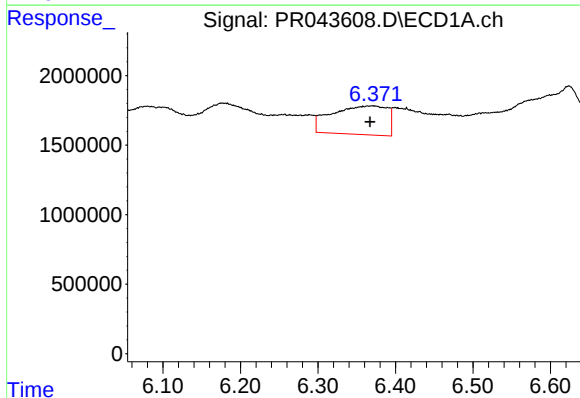
R.T.: 6.176 min
Delta R.T.: 0.017 min
Response: 8153127
Conc: 50.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



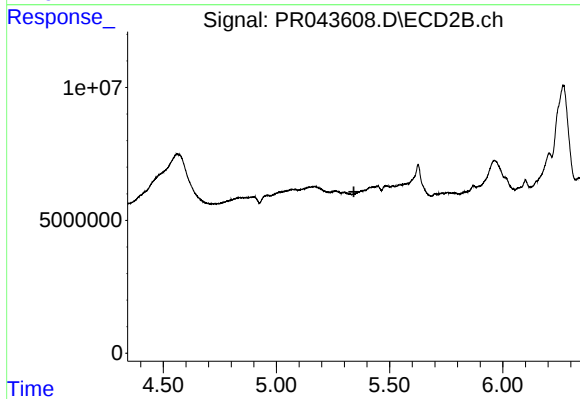
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.300 min
Response: 0
Conc: N.D.



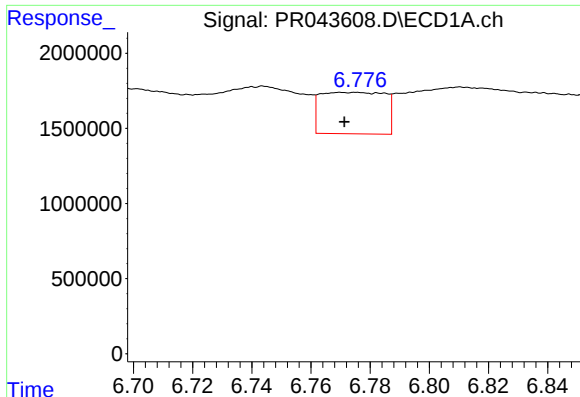
#23 AR-1248-3

R.T.: 6.371 min
Delta R.T.: 0.004 min
Response: 10271085
Conc: 56.57 ng/ml



#23 AR-1248-3

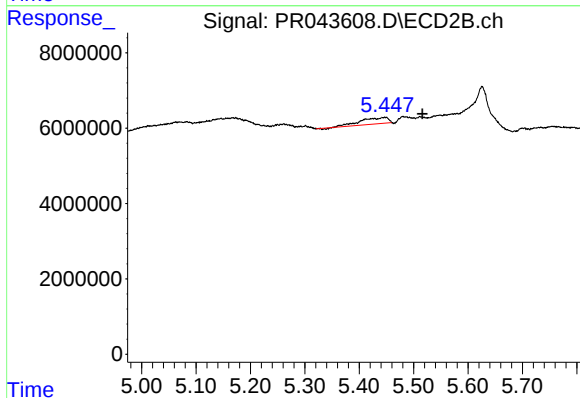
R.T.: 0.000 min
Exp R.T. : 5.342 min
Response: 0
Conc: N.D.



#24 AR-1248-4

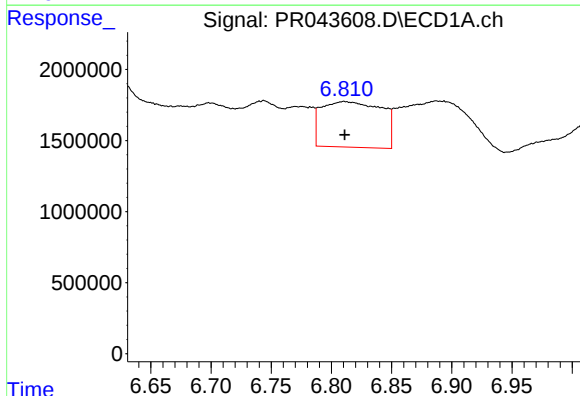
R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 4158828
Conc: 19.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



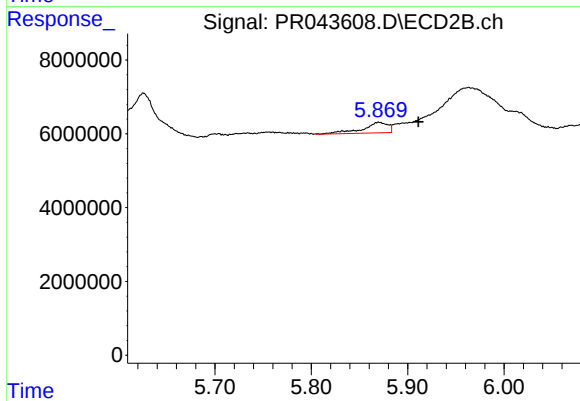
#24 AR-1248-4

R.T.: 5.448 min
Delta R.T.: -0.069 min
Response: 5809294
Conc: 14.01 ng/ml



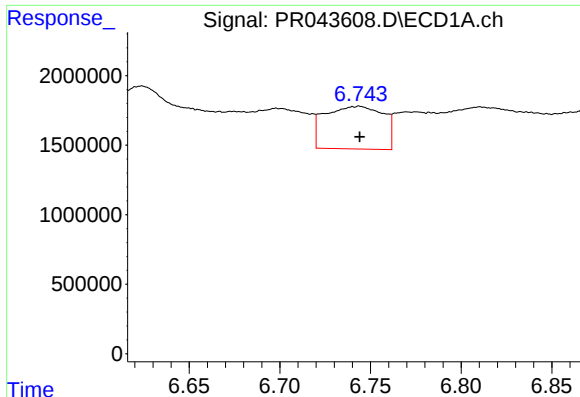
#25 AR-1248-5

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 11168089
Conc: 56.25 ng/ml



#25 AR-1248-5

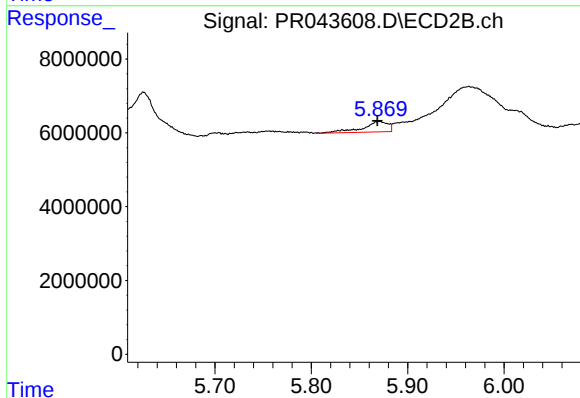
R.T.: 5.870 min
Delta R.T.: -0.041 min
Response: 5189865
Conc: 11.68 ng/ml



#26 AR-1254-1

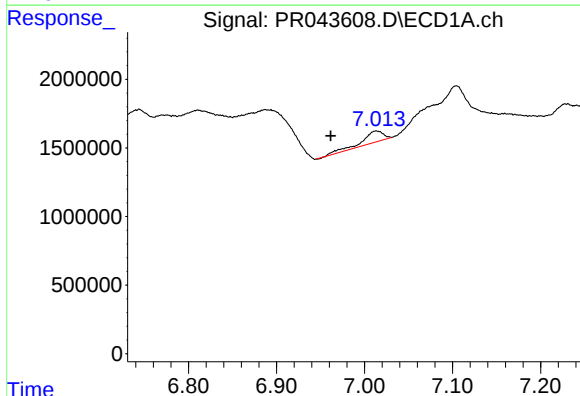
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 6888225
Conc: 31.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



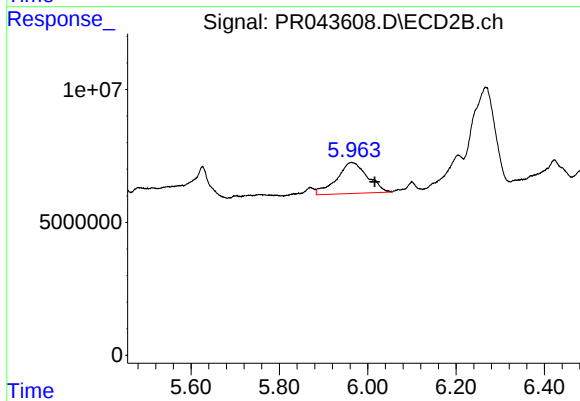
#26 AR-1254-1

R.T.: 5.870 min
Delta R.T.: 0.002 min
Response: 5189865
Conc: 7.28 ng/ml



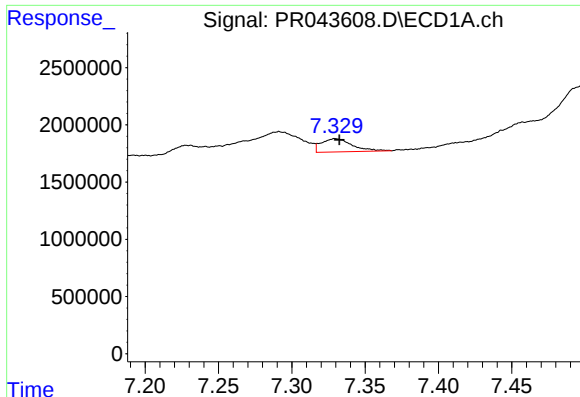
#27 AR-1254-2

R.T.: 7.013 min
Delta R.T.: 0.052 min
Response: 1406829
Conc: 4.17 ng/ml



#27 AR-1254-2

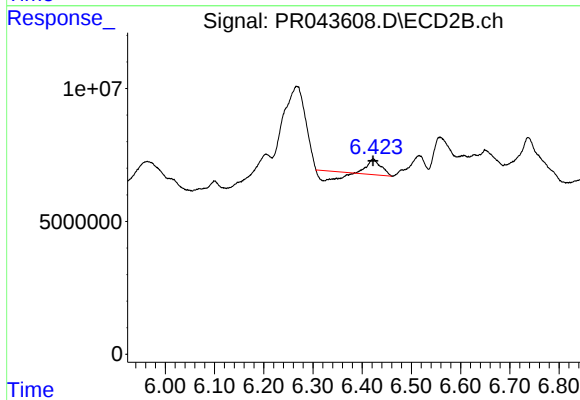
R.T.: 5.963 min
Delta R.T.: -0.052 min
Response: 56680212
Conc: 88.61 ng/ml



#28 AR-1254-3

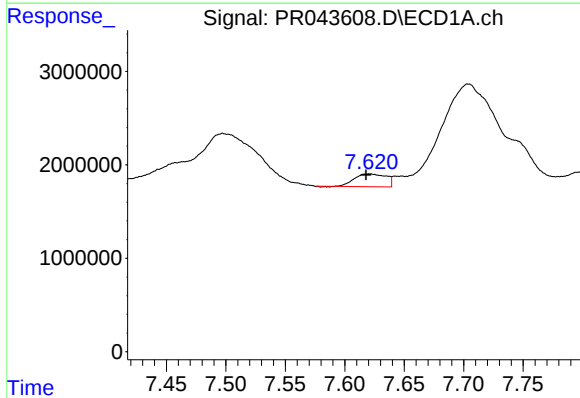
R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 1706307
Conc: 4.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



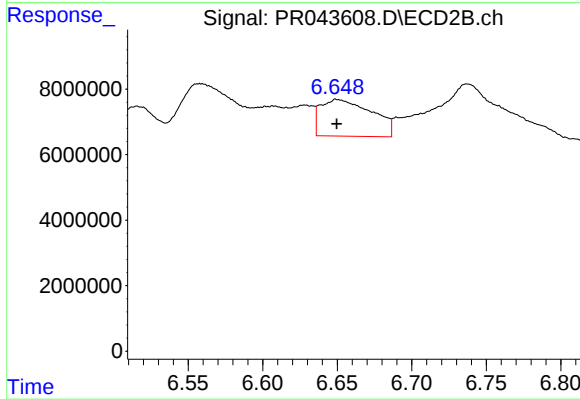
#28 AR-1254-3

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 2512727
Conc: 2.48 ng/ml



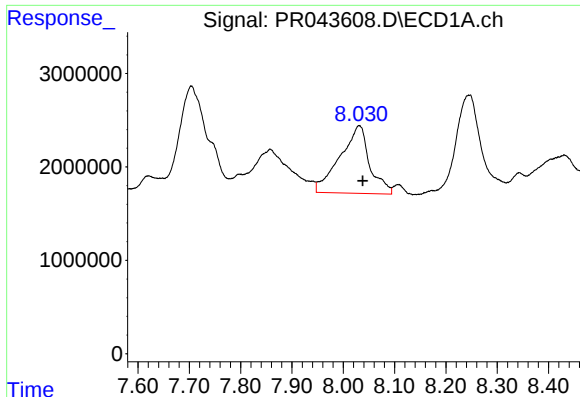
#29 AR-1254-4

R.T.: 7.621 min
Delta R.T.: 0.003 min
Response: 2534035
Conc: 10.14 ng/ml



#29 AR-1254-4

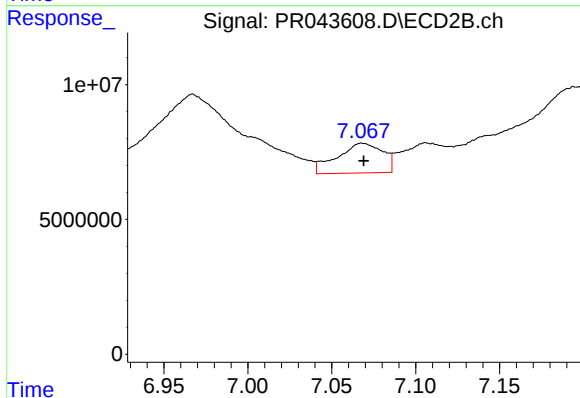
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 27031403
Conc: 37.54 ng/ml



#30 AR-1254-5

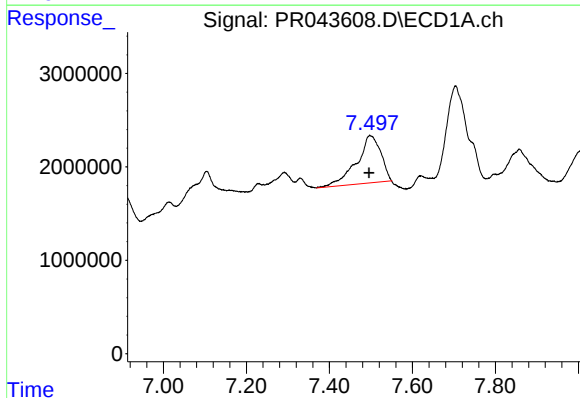
R.T.: 8.031 min
Delta R.T.: -0.007 min
Response: 29091633
Conc: 112.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



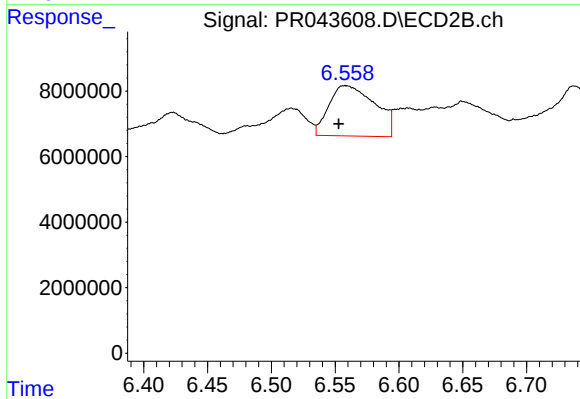
#30 AR-1254-5

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 20839932
Conc: 24.46 ng/ml



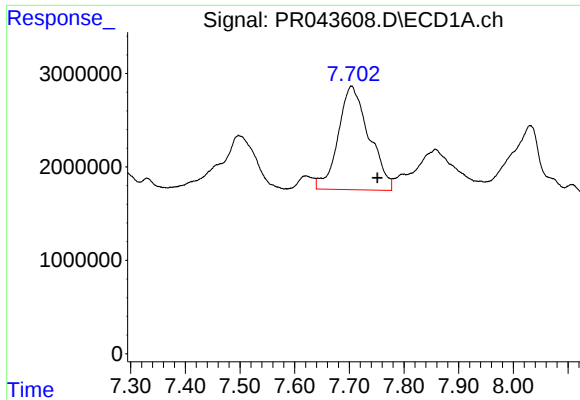
#31 AR-1260-1

R.T.: 7.497 min
Delta R.T.: 0.002 min
Response: 20563073
Conc: 82.52 ng/ml



#31 AR-1260-1

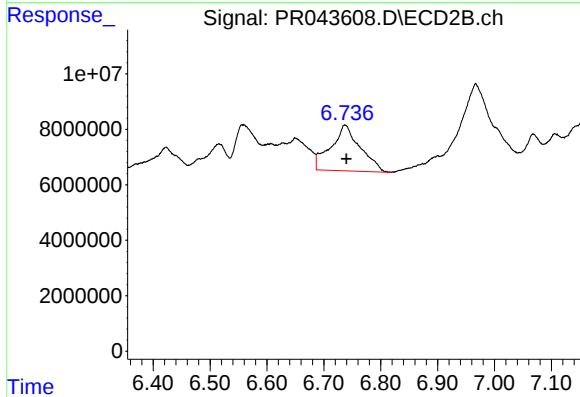
R.T.: 6.558 min
Delta R.T.: 0.005 min
Response: 38675458
Conc: 57.09 ng/ml



#32 AR-1260-2

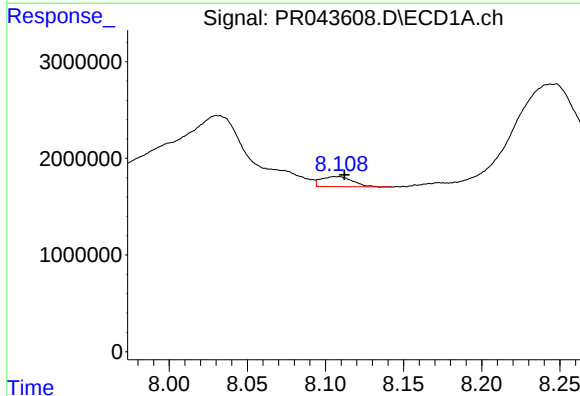
R.T.: 7.704 min
Delta R.T.: -0.047 min
Response: 43476915
Conc: 146.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



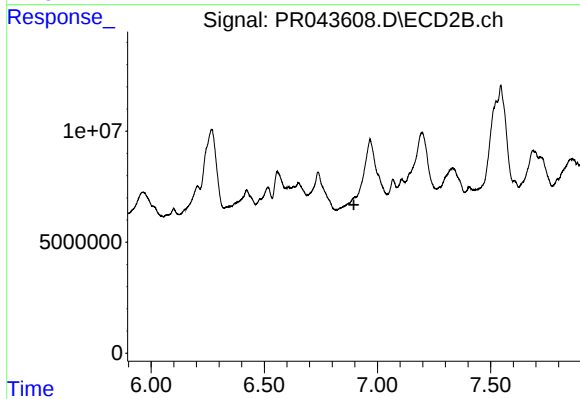
#32 AR-1260-2

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 59170638
Conc: 61.07 ng/ml



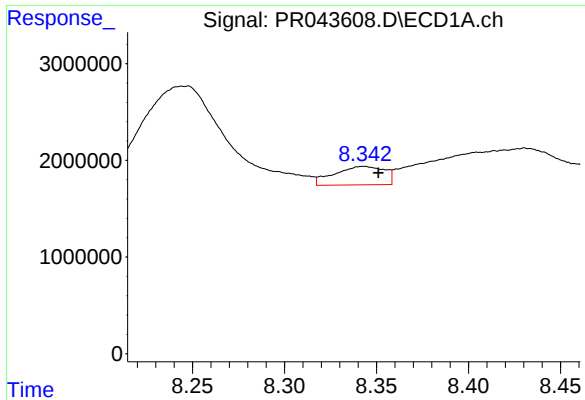
#33 AR-1260-3

R.T.: 8.107 min
Delta R.T.: -0.005 min
Response: 1447738
Conc: 6.53 ng/ml



#33 AR-1260-3

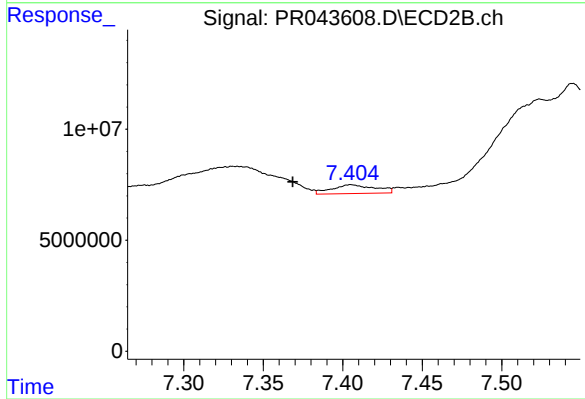
R.T.: 0.000 min
Exp R.T.: 6.896 min
Response: 0
Conc: N.D.



#34 AR-1260-4

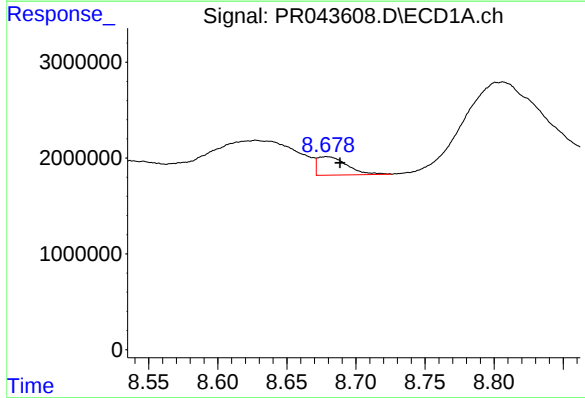
R.T.: 8.343 min
Delta R.T.: -0.008 min
Response: 3619484
Conc: 14.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



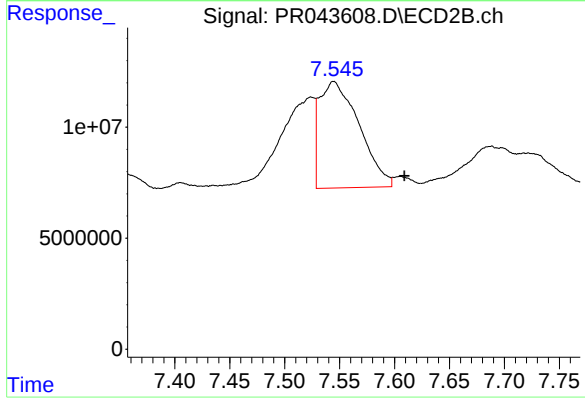
#34 AR-1260-4

R.T.: 7.405 min
Delta R.T.: 0.037 min
Response: 7509640
Conc: 11.84 ng/ml



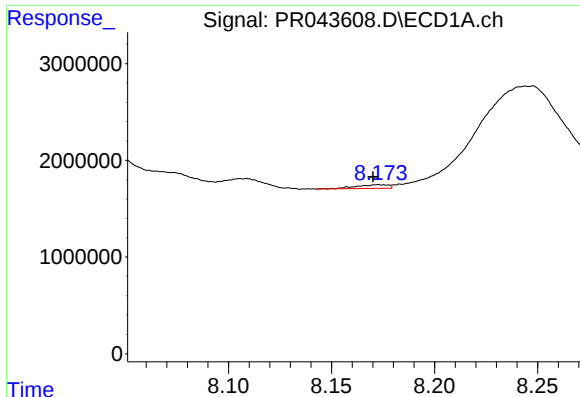
#35 AR-1260-5

R.T.: 8.679 min
Delta R.T.: -0.010 min
Response: 2845256
Conc: 5.90 ng/ml



#35 AR-1260-5

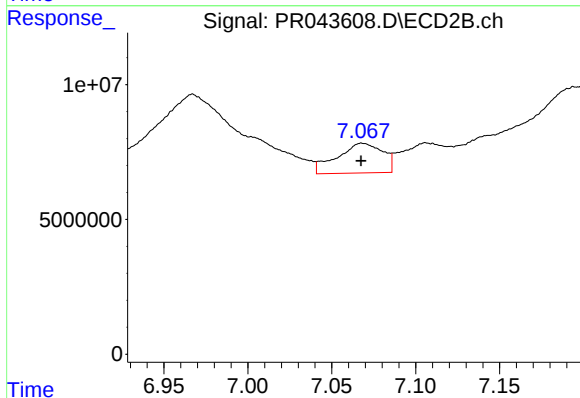
R.T.: 7.545 min
Delta R.T.: -0.064 min
Response: 120463714
Conc: 70.77 ng/ml



#36 AR-1262-1

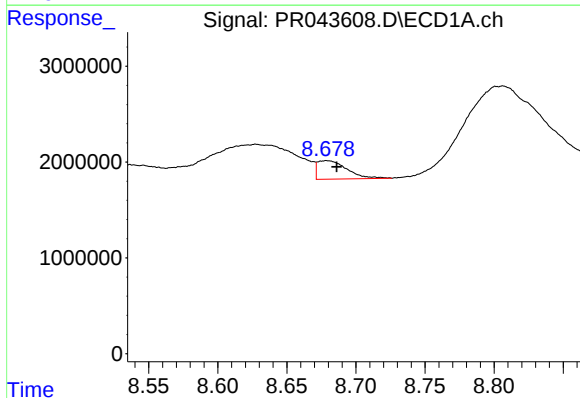
R.T.: 8.173 min
Delta R.T.: 0.003 min
Response: 418576
Conc: 3.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



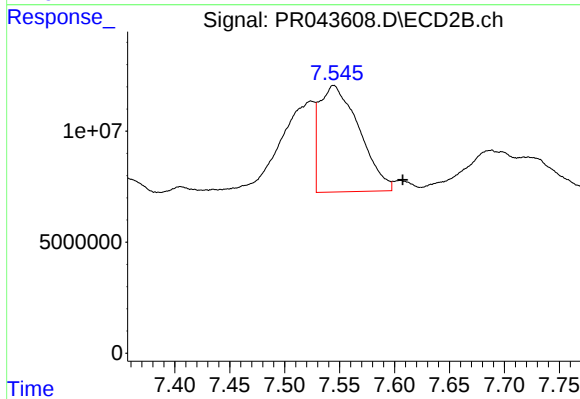
#36 AR-1262-1

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 20839932
Conc: 42.14 ng/ml



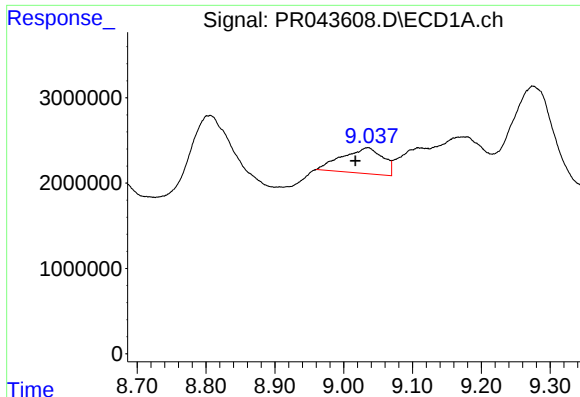
#37 AR-1262-2

R.T.: 8.679 min
Delta R.T.: -0.007 min
Response: 2845256
Conc: 5.00 ng/ml



#37 AR-1262-2

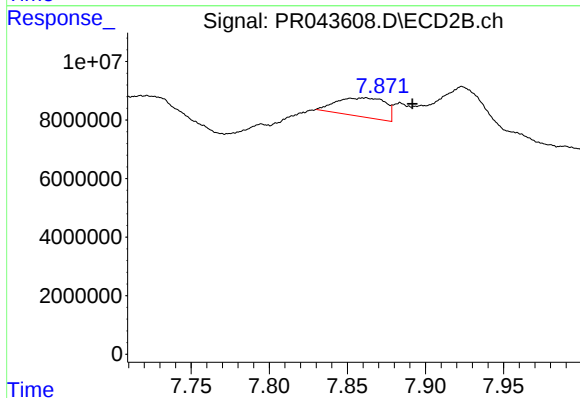
R.T.: 7.545 min
Delta R.T.: -0.063 min
Response: 120463714
Conc: 63.32 ng/ml



#38 AR-1262-3

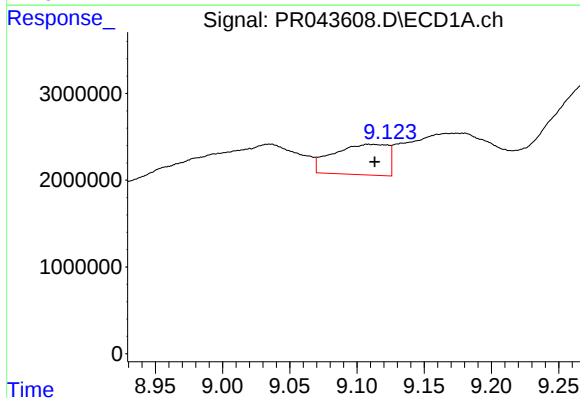
R.T.: 9.035 min
Delta R.T.: 0.018 min
Response: 12340409
Conc: 34.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



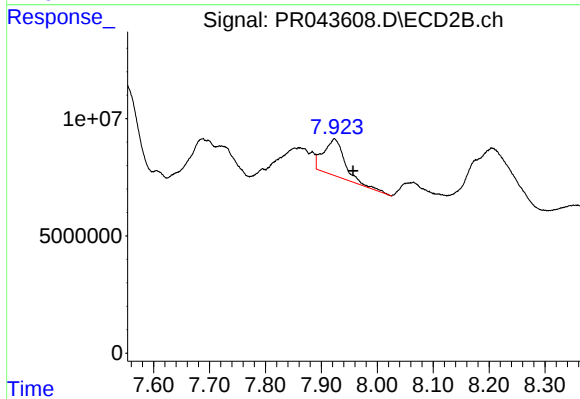
#38 AR-1262-3

R.T.: 7.861 min
Delta R.T.: -0.030 min
Response: 14023160
Conc: 18.38 ng/ml



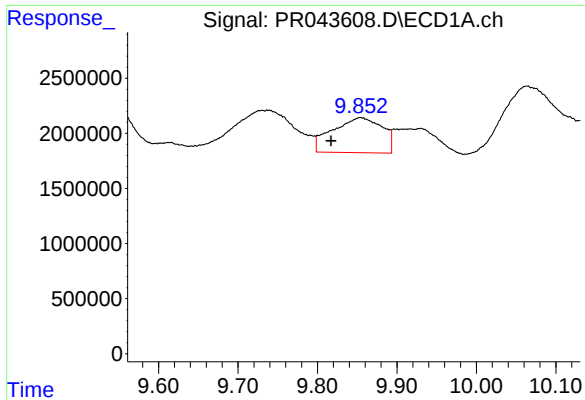
#39 AR-1262-4

R.T.: 9.108 min
Delta R.T.: -0.005 min
Response: 9913784
Conc: 37.25 ng/ml



#39 AR-1262-4

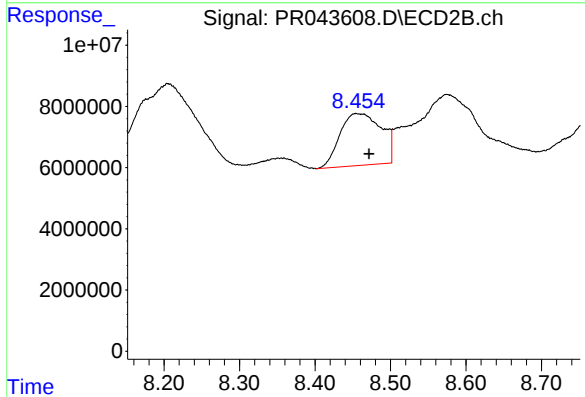
R.T.: 7.923 min
Delta R.T.: -0.033 min
Response: 40994705
Conc: 33.02 ng/ml



#40 AR-1262-5

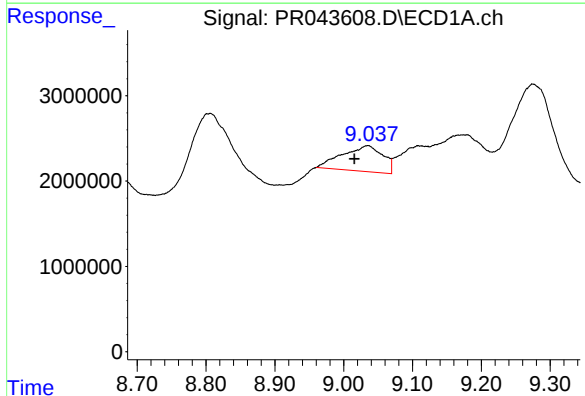
R.T.: 9.854 min
Delta R.T.: 0.036 min
Response: 13876997
Conc: 73.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



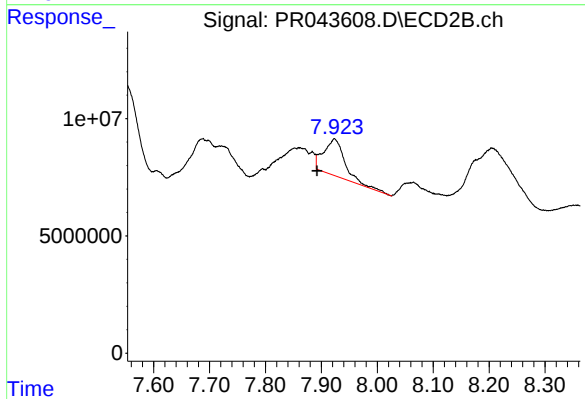
#40 AR-1262-5

R.T.: 8.454 min
Delta R.T.: -0.017 min
Response: 64886447
Conc: 113.85 ng/ml



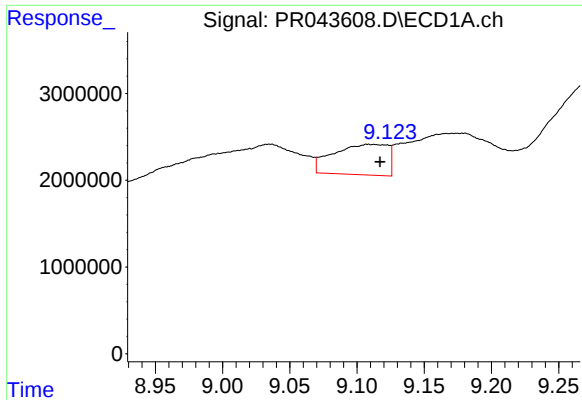
#41 AR-1268-1

R.T.: 9.035 min
Delta R.T.: 0.019 min
Response: 12340409
Conc: 19.28 ng/ml



#41 AR-1268-1

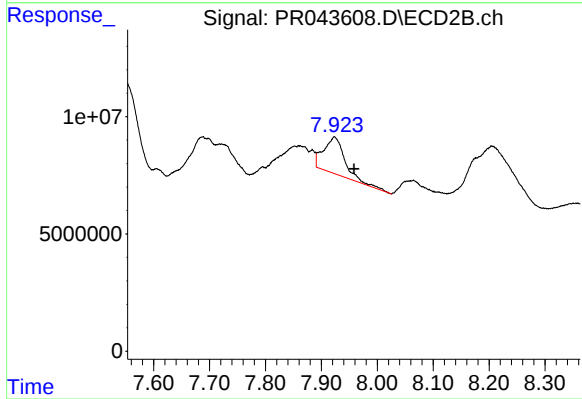
R.T.: 7.923 min
Delta R.T.: 0.031 min
Response: 40994705
Conc: 19.10 ng/ml



#42 AR-1268-2

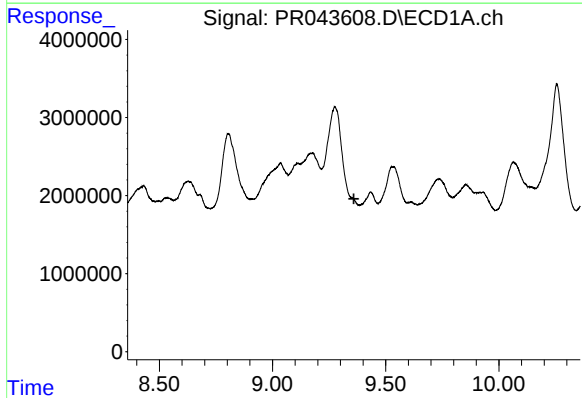
R.T.: 9.108 min
Delta R.T.: -0.009 min
Response: 9913784
Conc: 17.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



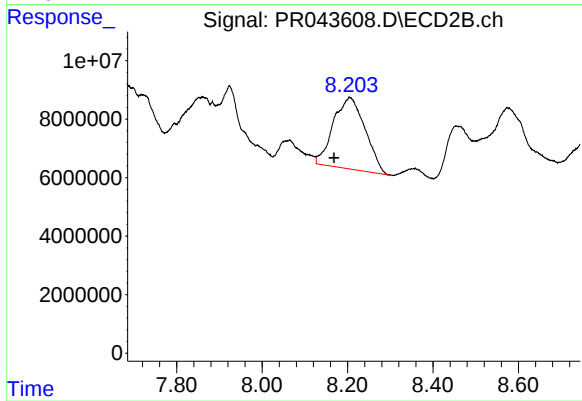
#42 AR-1268-2

R.T.: 7.923 min
Delta R.T.: -0.035 min
Response: 40994705
Conc: 22.59 ng/ml



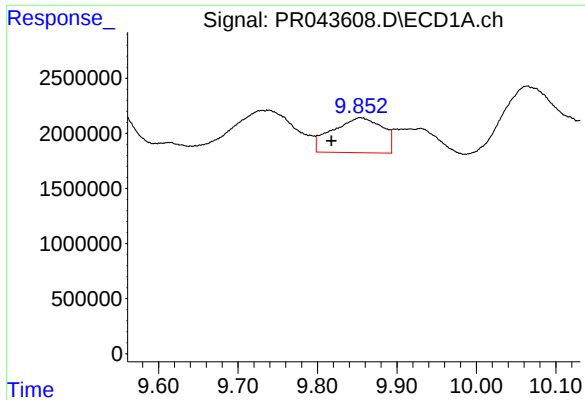
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.359 min
Response: 0
Conc: N.D.



#43 AR-1268-3

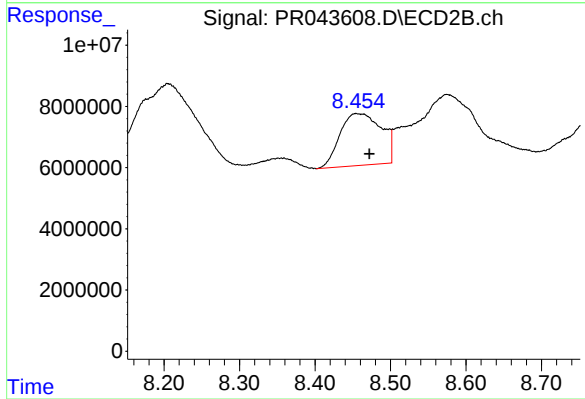
R.T.: 8.205 min
Delta R.T.: 0.036 min
Response: 126154398
Conc: 81.94 ng/ml



#44 AR-1268-4

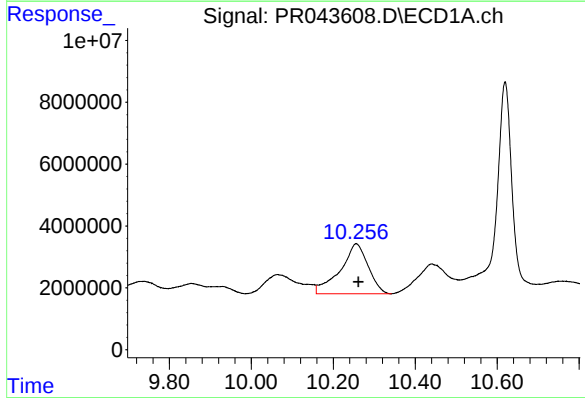
R.T.: 9.854 min
Delta R.T.: 0.036 min
Response: 13876997
Conc: 67.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



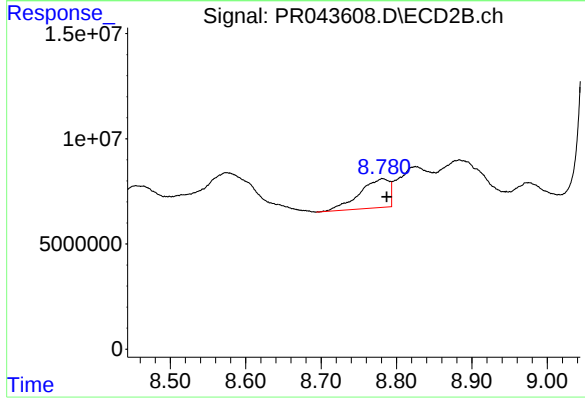
#44 AR-1268-4

R.T.: 8.454 min
Delta R.T.: -0.018 min
Response: 64886447
Conc: 105.81 ng/ml



#45 AR-1268-5

R.T.: 10.256 min
Delta R.T.: -0.005 min
Response: 76594855
Conc: 48.98 ng/ml



#45 AR-1268-5

R.T.: 8.782 min
Delta R.T.: -0.006 min
Response: 37930389
Conc: 8.96 ng/ml