

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 20:27
 Operator : AJ\MA
 Sample : 04699-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 06:45:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 10 14:16:46 2023
 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...	3.737	3.026	139.5E6	92614821	22.108	23.693
2)	SA Decachlor...	9.762	8.433	115.8E6	73725320	24.546	24.183
Target Compounds							
3)	L1 AR-1016-1	4.979	4.177	979612	1923242	4.676	13.513 #
4)	L1 AR-1016-2	5.003	4.198	1290516	1480599	4.147	7.577 #
5)	L1 AR-1016-3	5.074	4.383	1177686	4979669	6.148	44.949 #
6)	L1 AR-1016-4	5.171	4.438	479562	5305440	3.197	60.527 #
7)	L1 AR-1016-5	5.513f	4.656	125980	7656917	0.849	69.443 #
8)	L2 AR-1221-1	3.963	3.259	3455601	2180067	46.669	45.171
9)	L2 AR-1221-2	4.054	3.345	3353470	2380767	63.702	64.288
10)	L2 AR-1221-3	4.133	3.427	7928304	5694234	47.133	51.333
11)	L3 AR-1232-1	4.133	3.427	7928304	5694234	62.281	66.866
12)	L3 AR-1232-2	4.689	4.198	843087	1480599	11.510	16.984 #
13)	L3 AR-1232-3	5.003	4.383	1290516	4979669	9.293	103.340 #
14)	L3 AR-1232-4	5.171	4.467	479562	3237901	6.833	77.546 #
15)	L3 AR-1232-5	5.272	4.656	111419	7656917	2.175	160.196 #
16)	L4 AR-1242-1	4.979	4.177	979612	1923242	6.246	17.856 #
17)	L4 AR-1242-2	5.003	4.198	1290516	1480599	5.445	10.071 #
18)	L4 AR-1242-3	5.074	4.383	1177686	4979669	7.798	60.988 #
19)	L4 AR-1242-4	5.171	4.467	479562	3237901	3.969	40.175 #
20)	L4 AR-1242-5	5.965	5.064f	11995670	25434963	96.989	245.286 #
21)	L5 AR-1248-1	4.979	4.177	979612	1923242	8.090	22.847 #
22)	L5 AR-1248-2	5.272	4.438	111419	5305440	0.654	45.828 #
23)	L5 AR-1248-3	5.513f	4.467	125980	3237901	0.634	27.354 #
24)	L5 AR-1248-4	5.900f	4.656	33237118	7656917	156.860	53.915 #
25)	L5 AR-1248-5	5.965	5.064f	11995670	25434963	54.537	182.802 #
26)	L6 AR-1254-1	5.900	5.064f	33237118	25434963	151.780	124.686
27)	L6 AR-1254-2	6.121f	0.000	12167864	0	36.281	N.D. #
28)	L6 AR-1254-3	6.521	5.614f	12692705	7477602	37.616	25.771 #
29)	L6 AR-1254-4	0.000	5.893	0	3253149	N.D.	18.051 #
30)	L6 AR-1254-5	7.307	6.341	1662630	1152684	6.101	4.299 #
31)	L7 AR-1260-1	6.722	5.772	277708	5097659	1.012	23.793 #
32)	L7 AR-1260-2	6.996	5.990	832983	203070	2.598	0.794 #
33)	L7 AR-1260-3	7.388	6.172f	2089471	9286623	10.674	36.841 #
35)	L7 AR-1260-5	7.998f	6.934	125286	1004043	0.277	2.730 #
36)	L8 AR-1262-1	7.388	6.458	2089471	702409	6.412	6.487
37)	L8 AR-1262-2	7.998f	0.000	125286	0	0.221	N.D. #
38)	L8 AR-1262-3	8.310	7.237	834838	91177507	2.228	530.174 #
39)	L8 AR-1262-4	8.398	0.000	623586	0	2.201	N.D. #
40)	L8 AR-1262-5	9.028	7.870	3297360	197235	16.057	1.408 #
41)	L9 AR-1268-1	8.310f	7.237	834838	91177507	1.292	188.343 #
42)	L9 AR-1268-2	8.398	0.000	623586	0	1.079	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
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Integration File signal 1: autoint1.e
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 Quant Time: Oct 11 06:45:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
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 QLast Update : Tue Oct 10 14:16:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

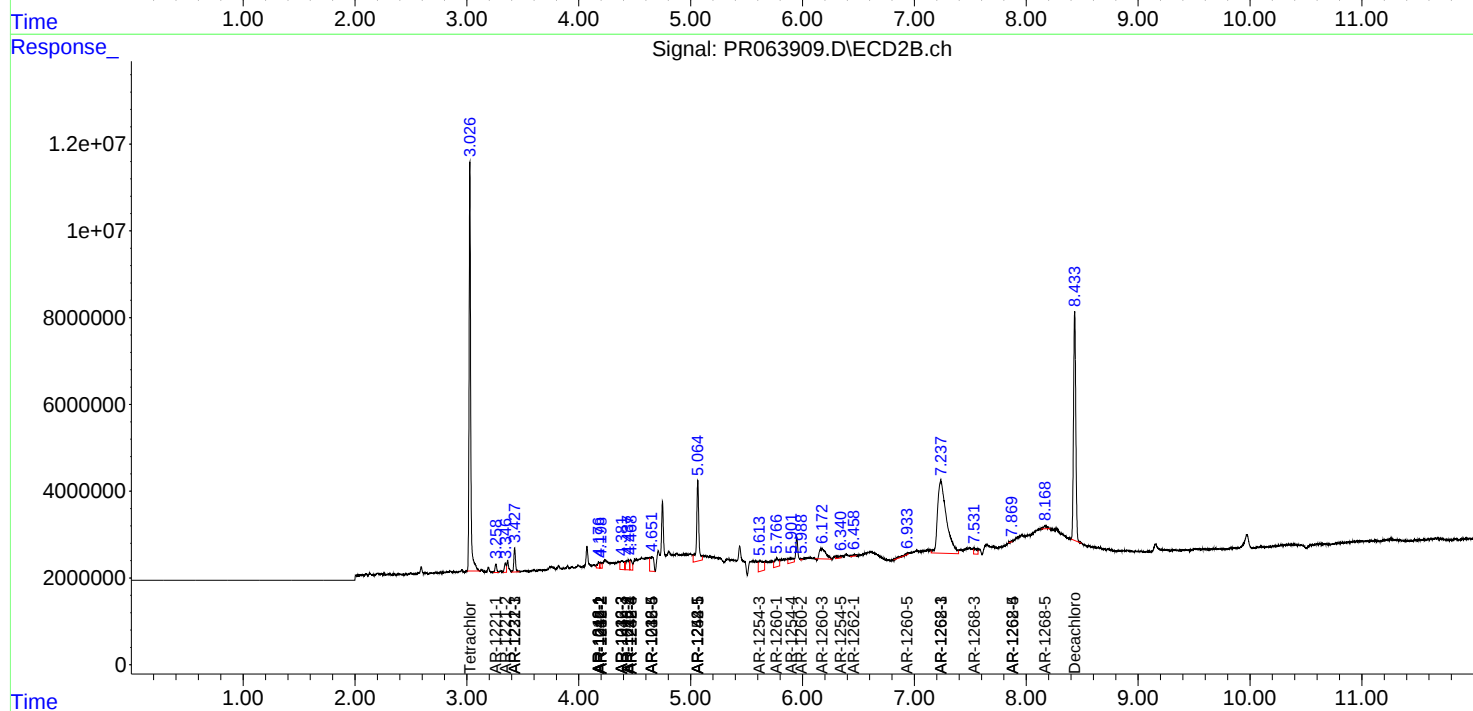
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

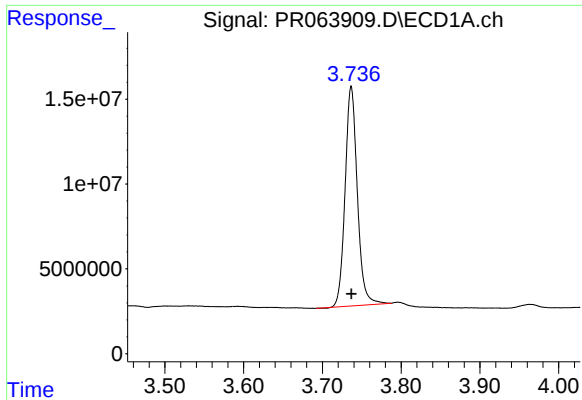
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.602	7.541	2313977	2746271	4.439	7.329 #
44) L9	AR-1268-4	9.028	7.870	3297360	197235	15.013	1.310 #
45) L9	AR-1268-5	9.427	8.169	885704	1368076	0.534	1.235 #

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

Instrument :
ECD_R
ClientSampleId :

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

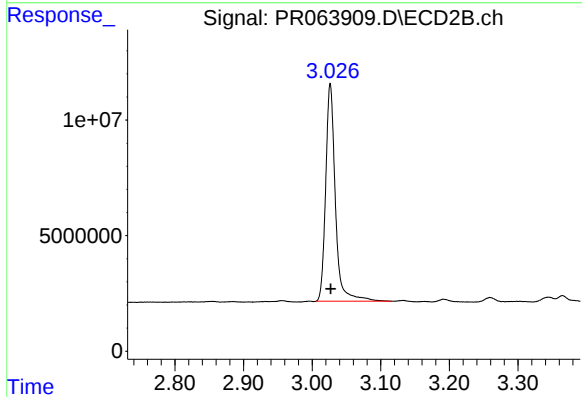




#1 Tetrachloro-m-xylene

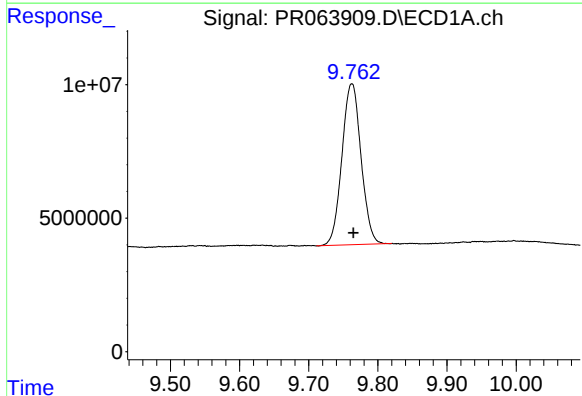
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 139514733
Conc: 22.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



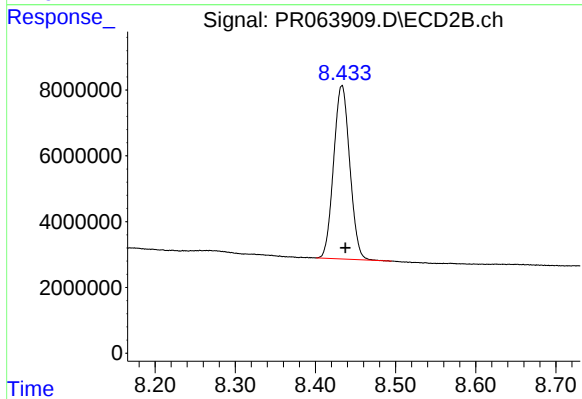
#1 Tetrachloro-m-xylene

R.T.: 3.026 min
Delta R.T.: 0.000 min
Response: 92614821
Conc: 23.69 ng/ml



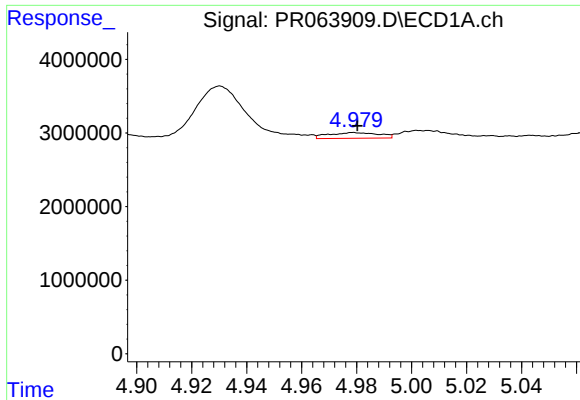
#2 Decachlorobiphenyl

R.T.: 9.762 min
Delta R.T.: -0.002 min
Response: 115829264
Conc: 24.55 ng/ml



#2 Decachlorobiphenyl

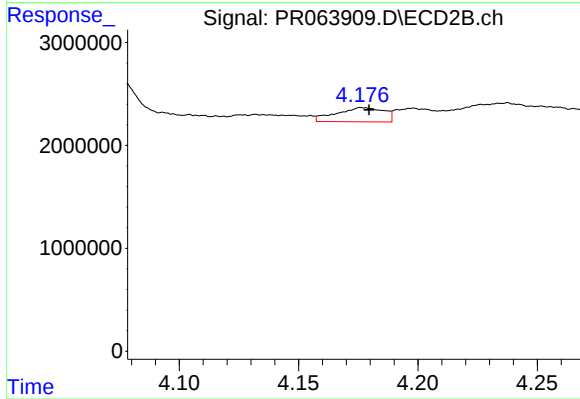
R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 73725320
Conc: 24.18 ng/ml



#3 AR-1016-1

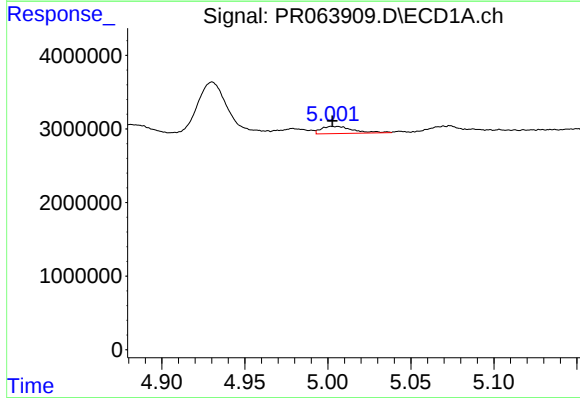
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 979612
Conc: 4.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



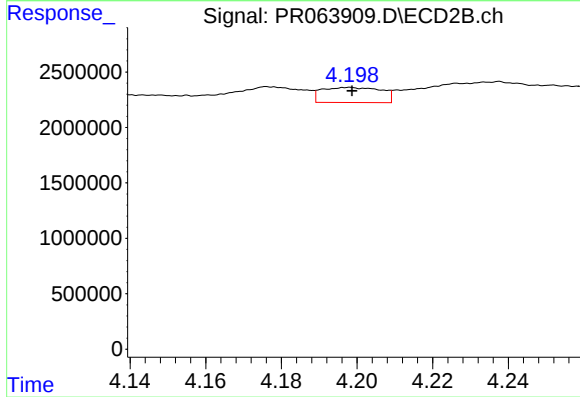
#3 AR-1016-1

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 1923242
Conc: 13.51 ng/ml



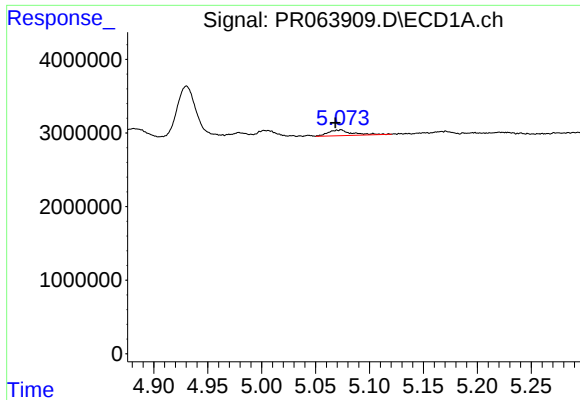
#4 AR-1016-2

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 1290516
Conc: 4.15 ng/ml



#4 AR-1016-2

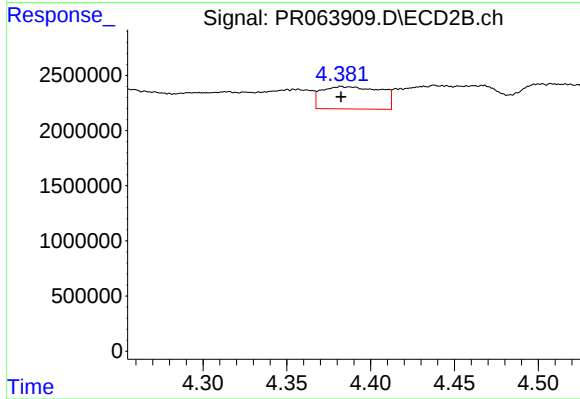
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 1480599
Conc: 7.58 ng/ml



#5 AR-1016-3

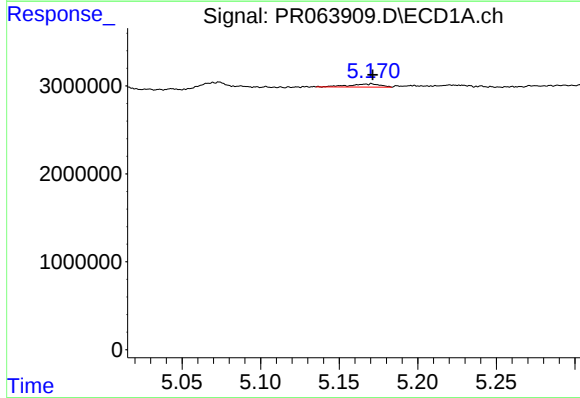
R.T.: 5.074 min
Delta R.T.: 0.005 min
Response: 1177686
Conc: 6.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



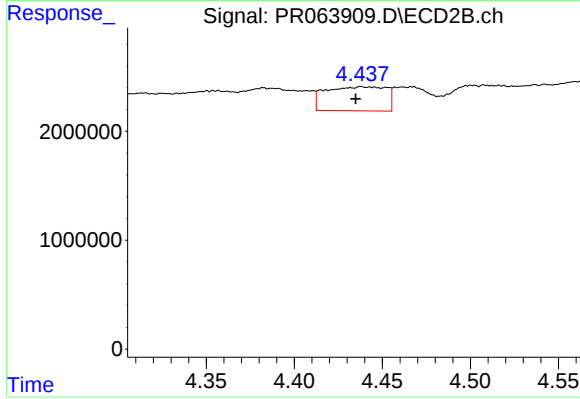
#5 AR-1016-3

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 4979669
Conc: 44.95 ng/ml



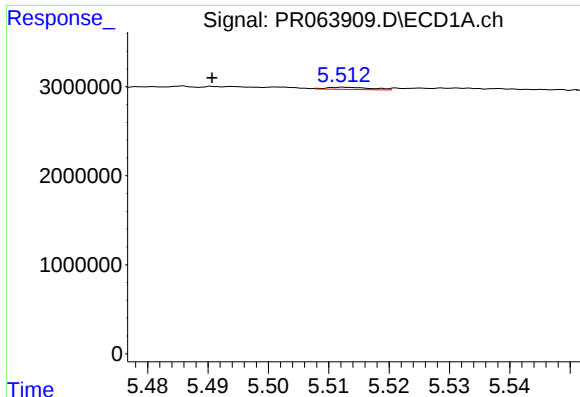
#6 AR-1016-4

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 479562
Conc: 3.20 ng/ml



#6 AR-1016-4

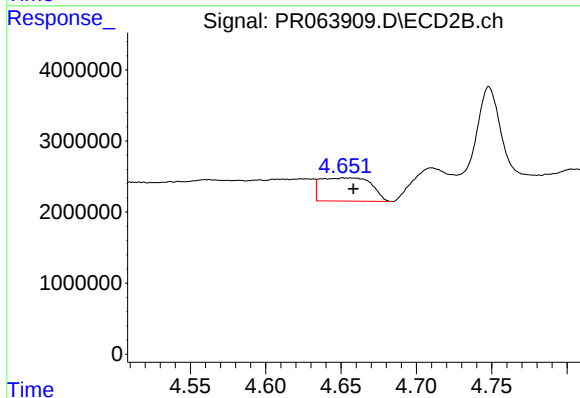
R.T.: 4.438 min
Delta R.T.: 0.003 min
Response: 5305440
Conc: 60.53 ng/ml



#7 AR-1016-5

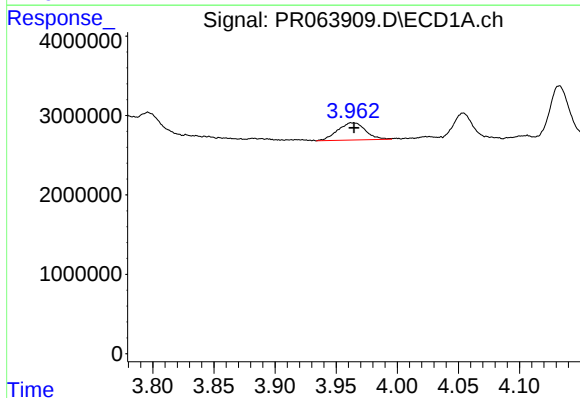
R.T.: 5.513 min
Delta R.T.: 0.022 min
Response: 125980
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



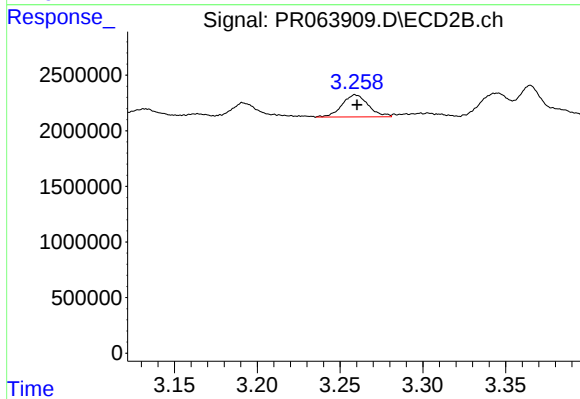
#7 AR-1016-5

R.T.: 4.656 min
Delta R.T.: -0.003 min
Response: 7656917
Conc: 69.44 ng/ml



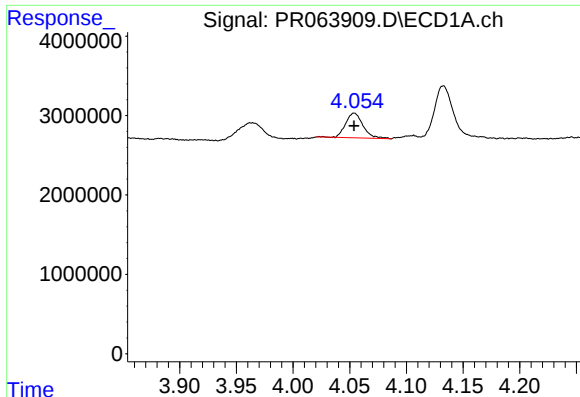
#8 AR-1221-1

R.T.: 3.963 min
Delta R.T.: -0.002 min
Response: 3455601
Conc: 46.67 ng/ml



#8 AR-1221-1

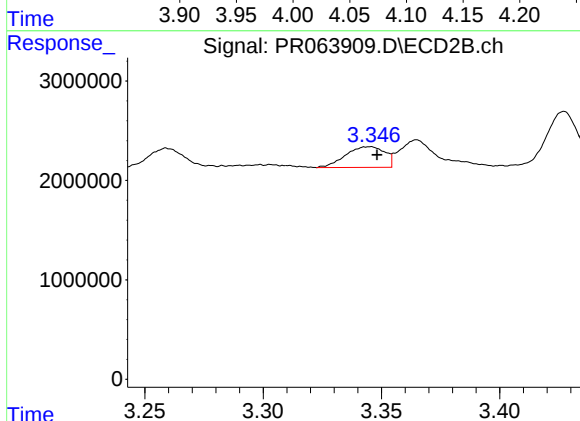
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 2180067
Conc: 45.17 ng/ml



#9 AR-1221-2

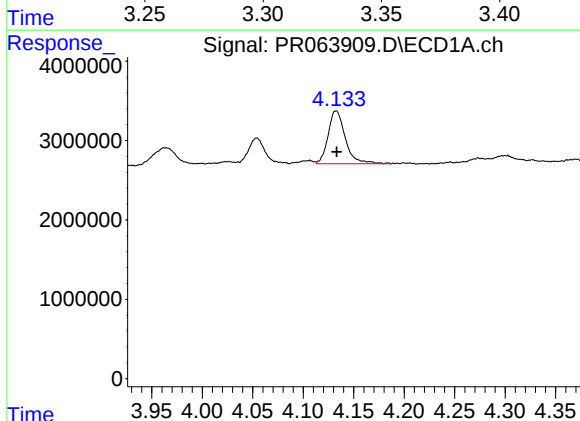
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 3353470
Conc: 63.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



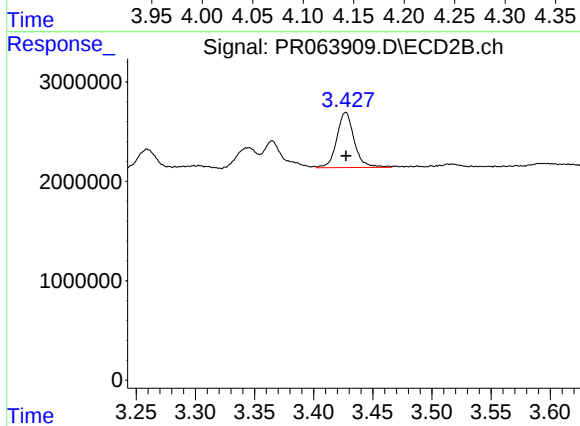
#9 AR-1221-2

R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 2380767
Conc: 64.29 ng/ml



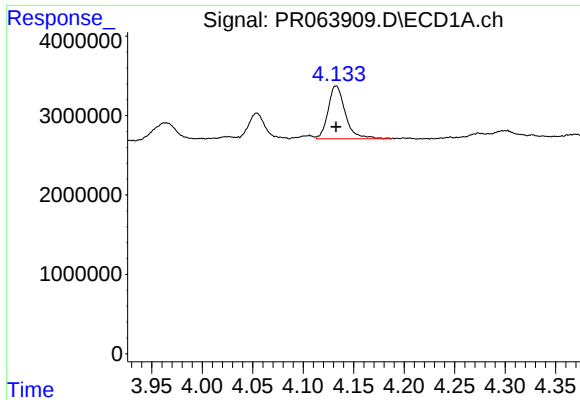
#10 AR-1221-3

R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 7928304
Conc: 47.13 ng/ml



#10 AR-1221-3

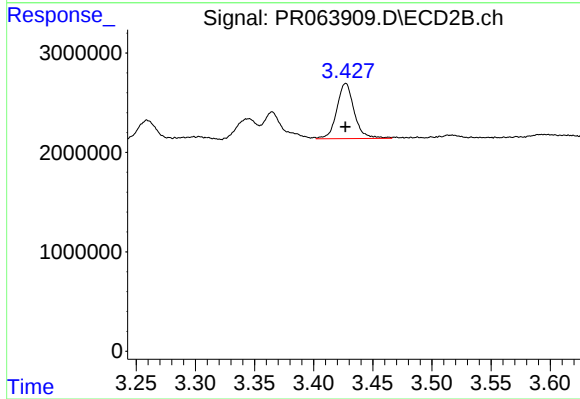
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 5694234
Conc: 51.33 ng/ml



#11 AR-1232-1

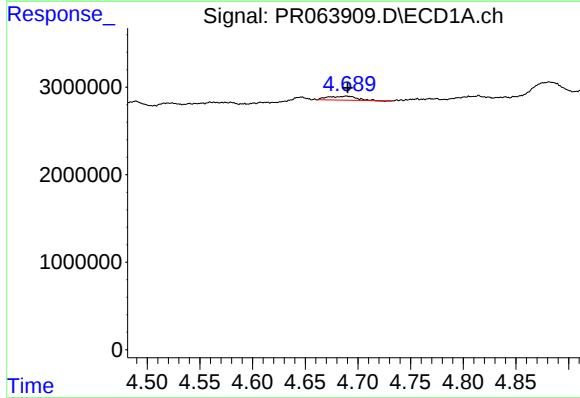
R.T.: 4.133 min
Delta R.T.: 0.000 min
Response: 7928304
Conc: 62.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



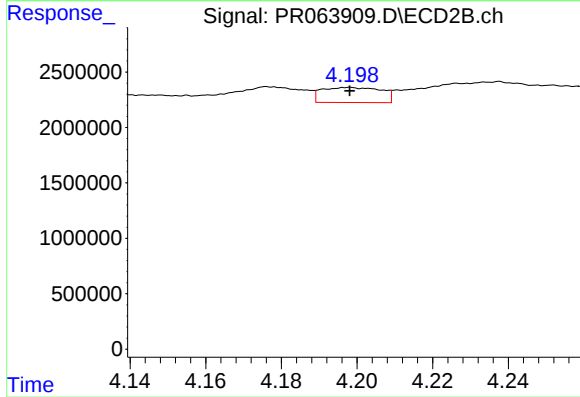
#11 AR-1232-1

R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 5694234
Conc: 66.87 ng/ml



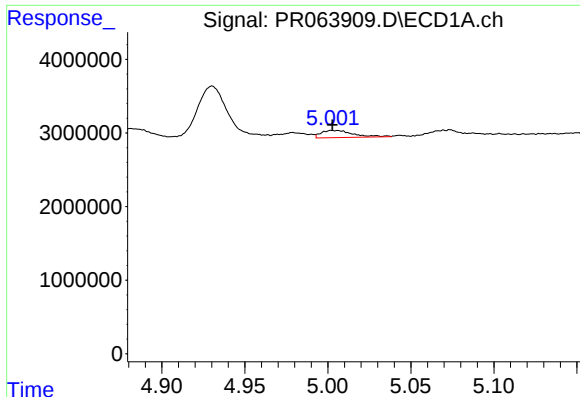
#12 AR-1232-2

R.T.: 4.689 min
Delta R.T.: -0.001 min
Response: 843087
Conc: 11.51 ng/ml



#12 AR-1232-2

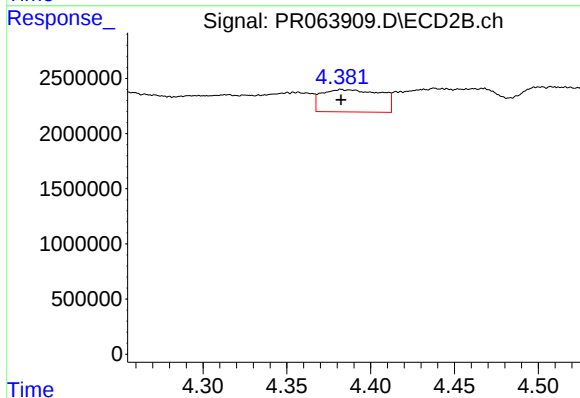
R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 1480599
Conc: 16.98 ng/ml



#13 AR-1232-3

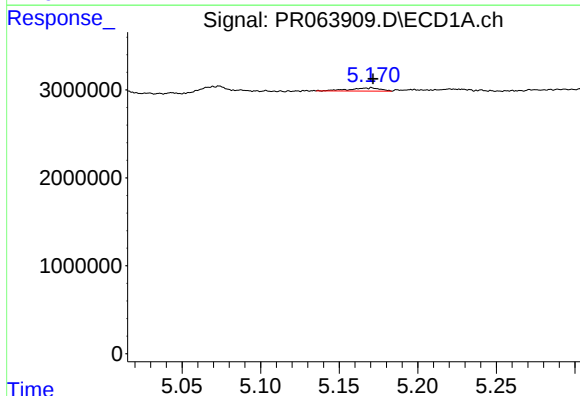
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 1290516
Conc: 9.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



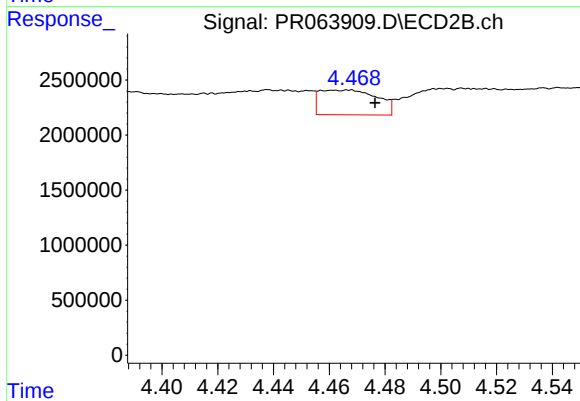
#13 AR-1232-3

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 4979669
Conc: 103.34 ng/ml



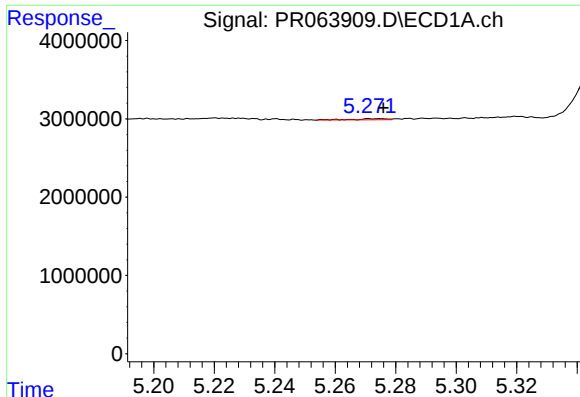
#14 AR-1232-4

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 479562
Conc: 6.83 ng/ml



#14 AR-1232-4

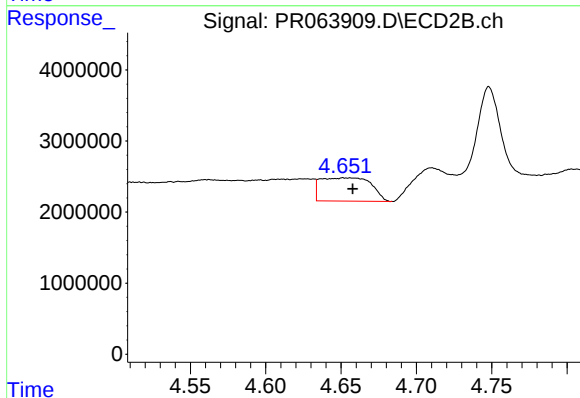
R.T.: 4.467 min
Delta R.T.: -0.009 min
Response: 3237901
Conc: 77.55 ng/ml



#15 AR-1232-5

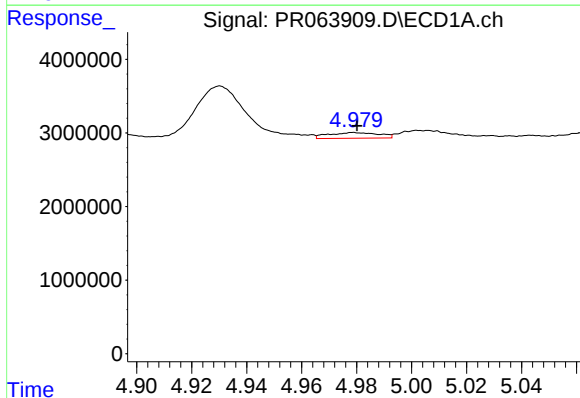
R.T.: 5.272 min
Delta R.T.: -0.004 min
Response: 111419
Conc: 2.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



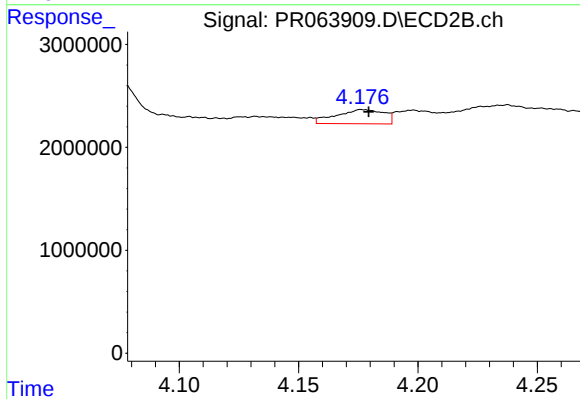
#15 AR-1232-5

R.T.: 4.656 min
Delta R.T.: -0.002 min
Response: 7656917
Conc: 160.20 ng/ml



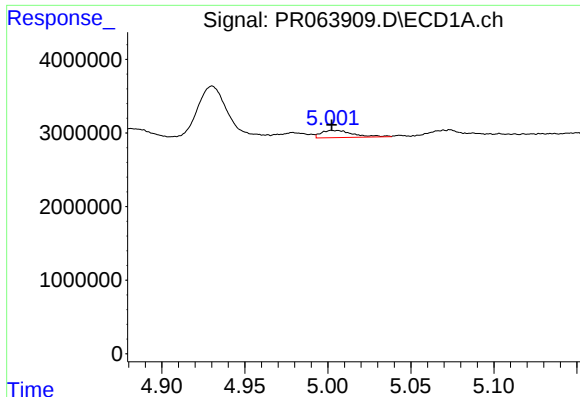
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 979612
Conc: 6.25 ng/ml



#16 AR-1242-1

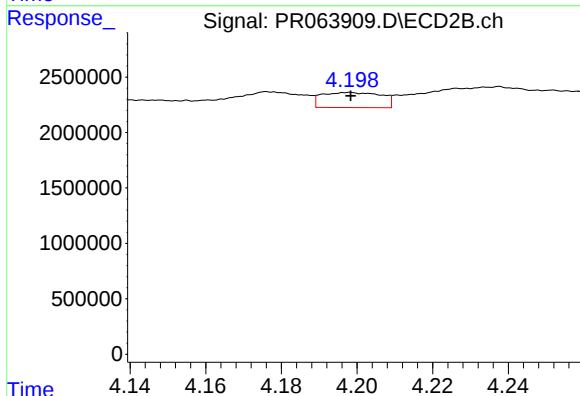
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 1923242
Conc: 17.86 ng/ml



#17 AR-1242-2

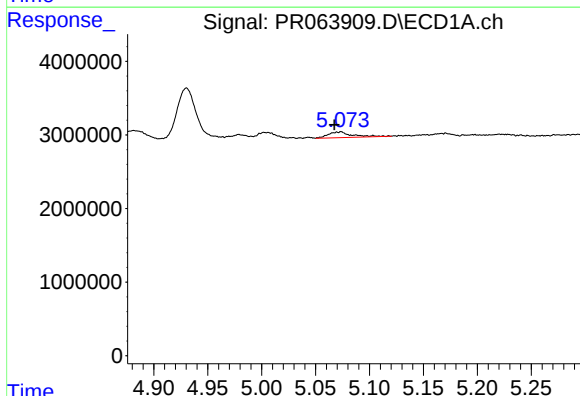
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 1290516
Conc: 5.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



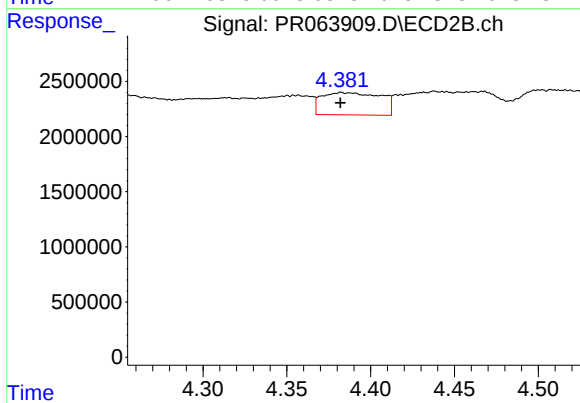
#17 AR-1242-2

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 1480599
Conc: 10.07 ng/ml



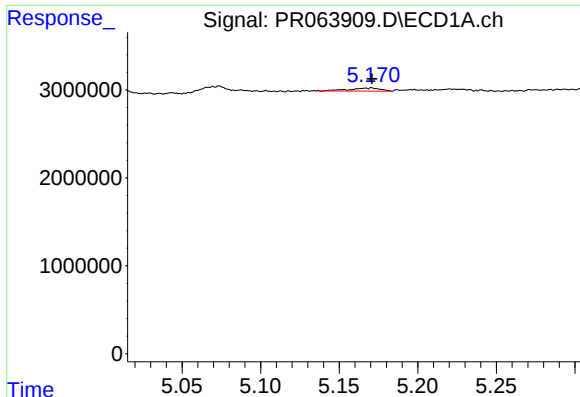
#18 AR-1242-3

R.T.: 5.074 min
Delta R.T.: 0.006 min
Response: 1177686
Conc: 7.80 ng/ml



#18 AR-1242-3

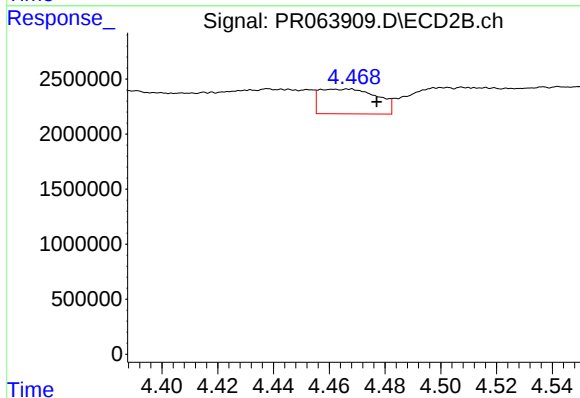
R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 4979669
Conc: 60.99 ng/ml



#19 AR-1242-4

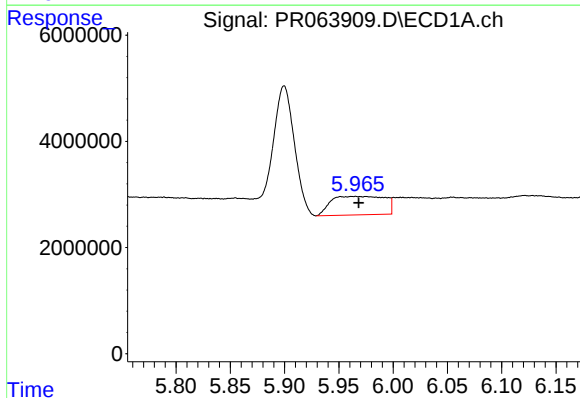
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 479562
Conc: 3.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



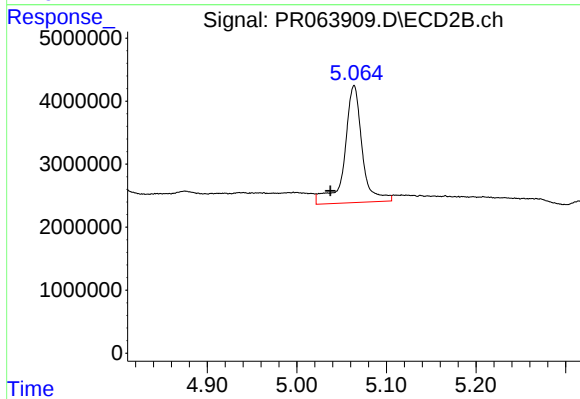
#19 AR-1242-4

R.T.: 4.467 min
Delta R.T.: -0.010 min
Response: 3237901
Conc: 40.17 ng/ml



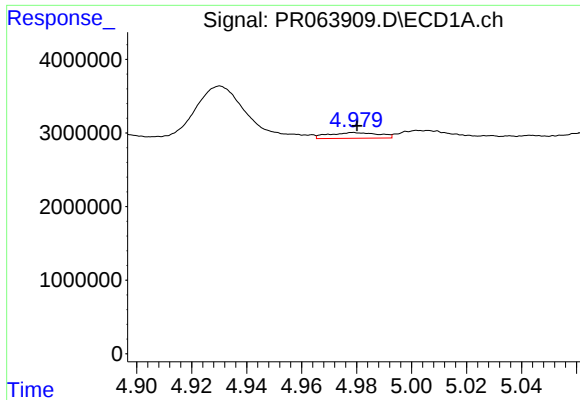
#20 AR-1242-5

R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 11995670
Conc: 96.99 ng/ml



#20 AR-1242-5

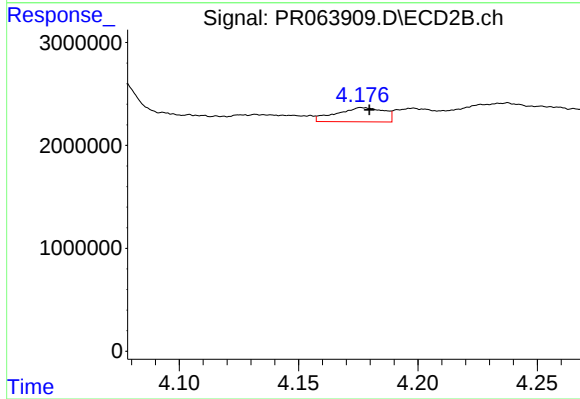
R.T.: 5.064 min
Delta R.T.: 0.026 min
Response: 25434963
Conc: 245.29 ng/ml



#21 AR-1248-1

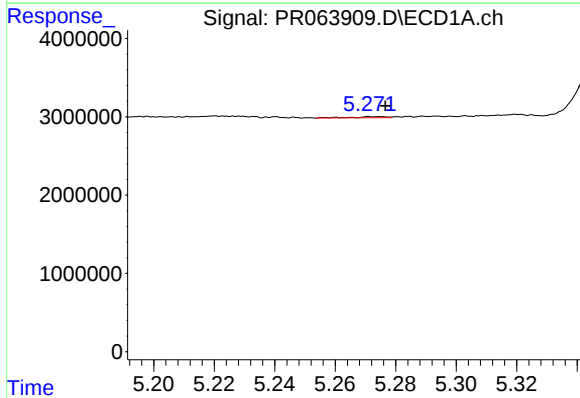
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 979612
Conc: 8.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



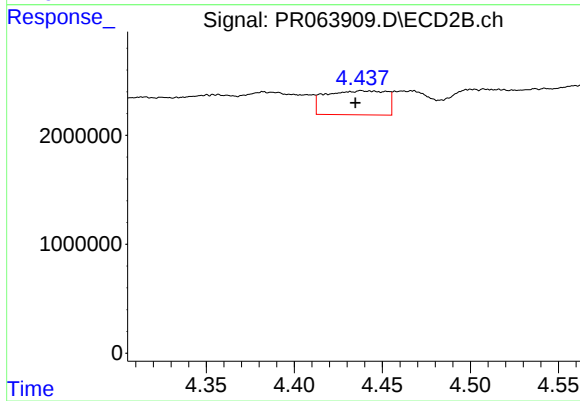
#21 AR-1248-1

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 1923242
Conc: 22.85 ng/ml



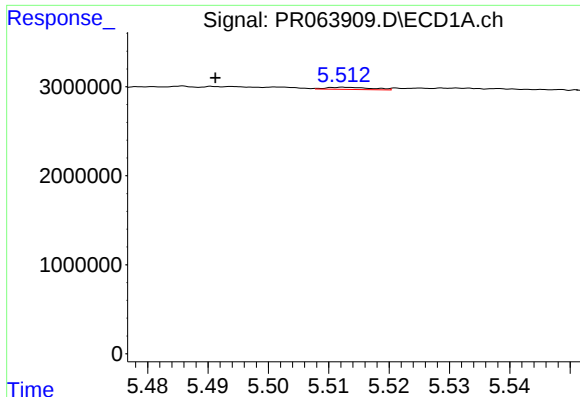
#22 AR-1248-2

R.T.: 5.272 min
Delta R.T.: -0.004 min
Response: 111419
Conc: 0.65 ng/ml



#22 AR-1248-2

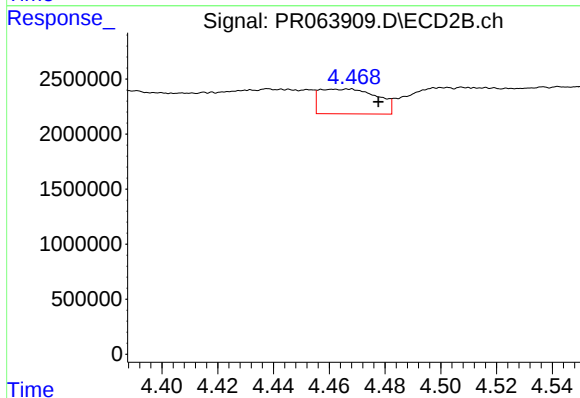
R.T.: 4.438 min
Delta R.T.: 0.003 min
Response: 5305440
Conc: 45.83 ng/ml



#23 AR-1248-3

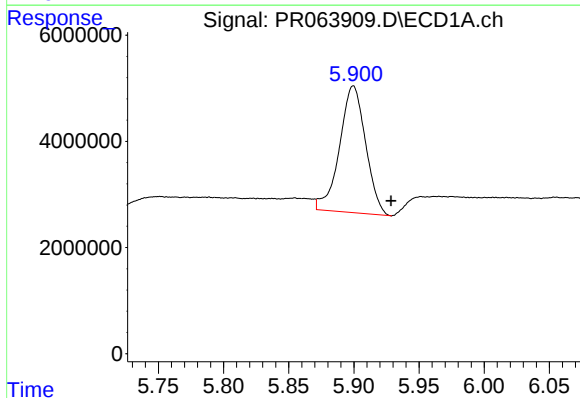
R.T.: 5.513 min
Delta R.T.: 0.022 min
Response: 125980
Conc: 0.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



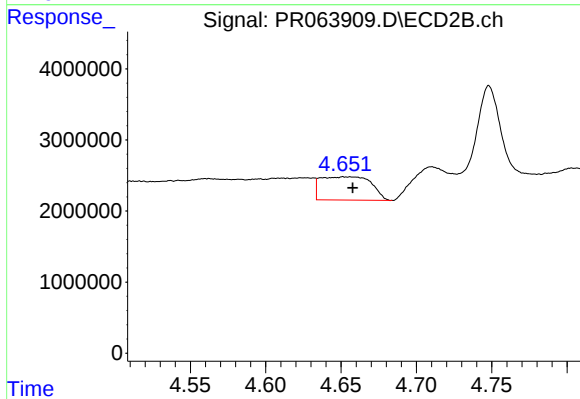
#23 AR-1248-3

R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 3237901
Conc: 27.35 ng/ml



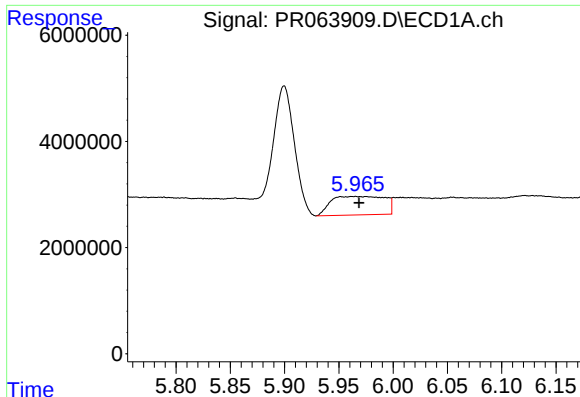
#24 AR-1248-4

R.T.: 5.900 min
Delta R.T.: -0.029 min
Response: 33237118
Conc: 156.86 ng/ml



#24 AR-1248-4

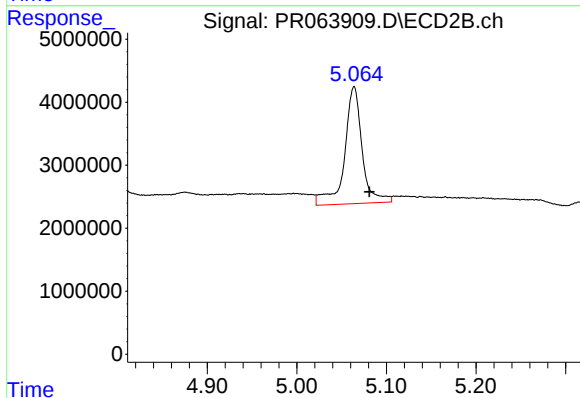
R.T.: 4.656 min
Delta R.T.: -0.002 min
Response: 7656917
Conc: 53.91 ng/ml



#25 AR-1248-5

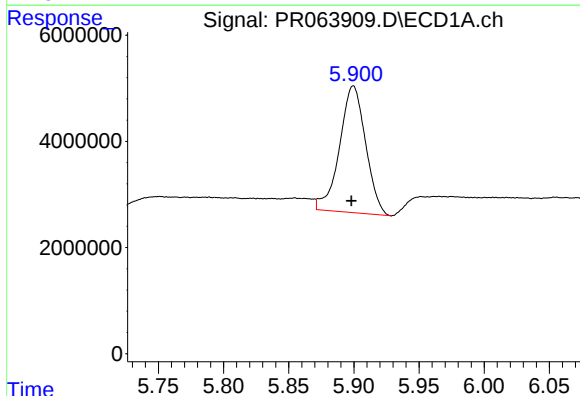
R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 11995670
Conc: 54.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



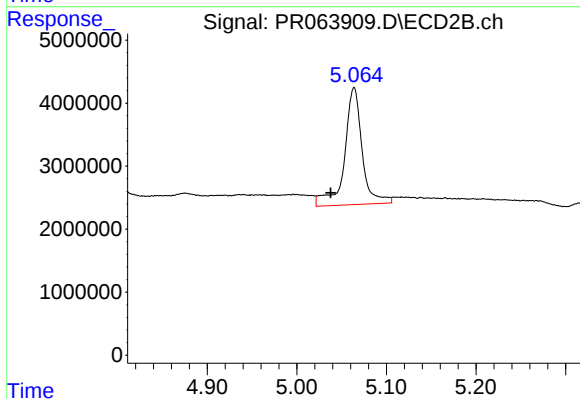
#25 AR-1248-5

R.T.: 5.064 min
Delta R.T.: -0.017 min
Response: 25434963
Conc: 182.80 ng/ml



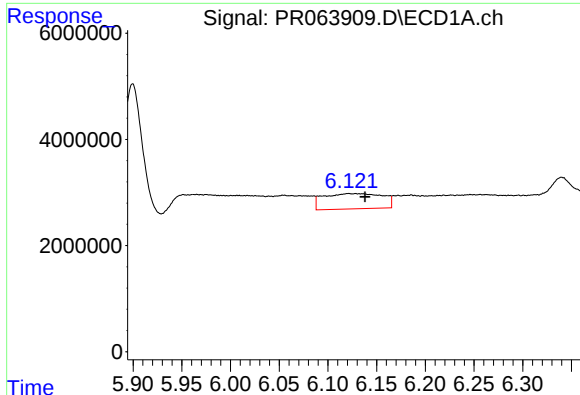
#26 AR-1254-1

R.T.: 5.900 min
Delta R.T.: 0.002 min
Response: 33237118
Conc: 151.78 ng/ml



#26 AR-1254-1

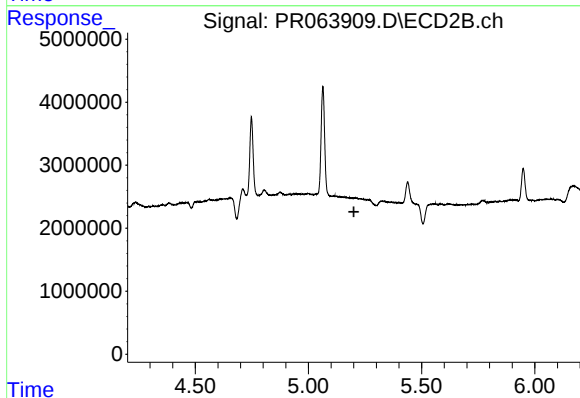
R.T.: 5.064 min
Delta R.T.: 0.026 min
Response: 25434963
Conc: 124.69 ng/ml



#27 AR-1254-2

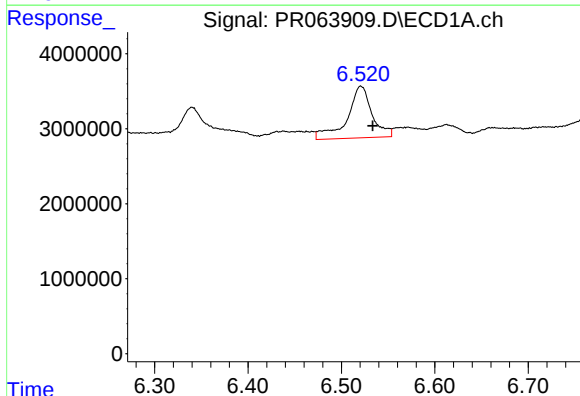
R.T.: 6.121 min
Delta R.T.: -0.017 min
Response: 12167864
Conc: 36.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



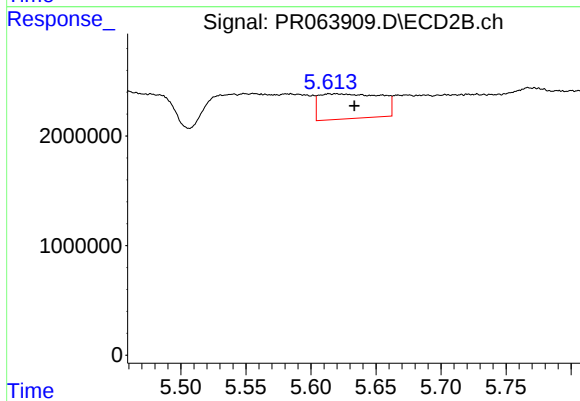
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.201 min
Response: 0
Conc: N.D.



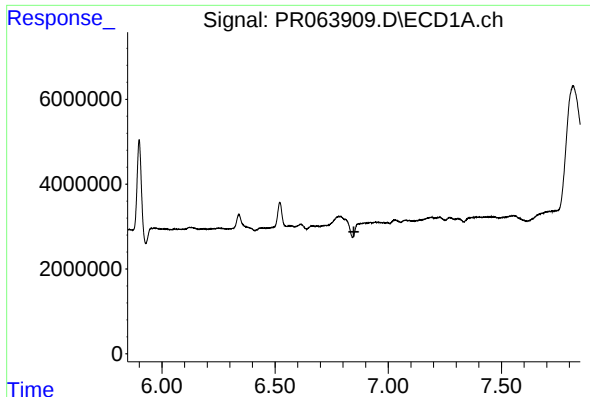
#28 AR-1254-3

R.T.: 6.521 min
Delta R.T.: -0.013 min
Response: 12692705
Conc: 37.62 ng/ml



#28 AR-1254-3

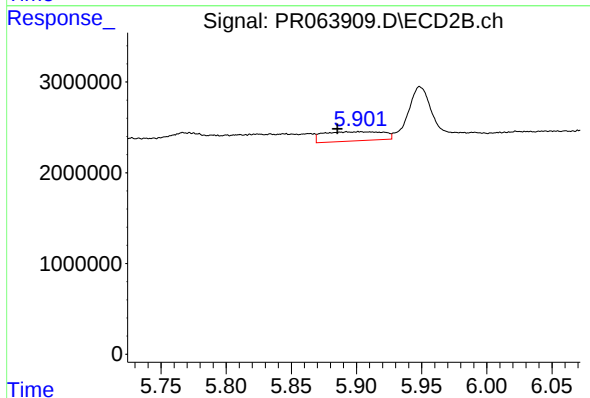
R.T.: 5.614 min
Delta R.T.: -0.019 min
Response: 7477602
Conc: 25.77 ng/ml



#29 AR-1254-4

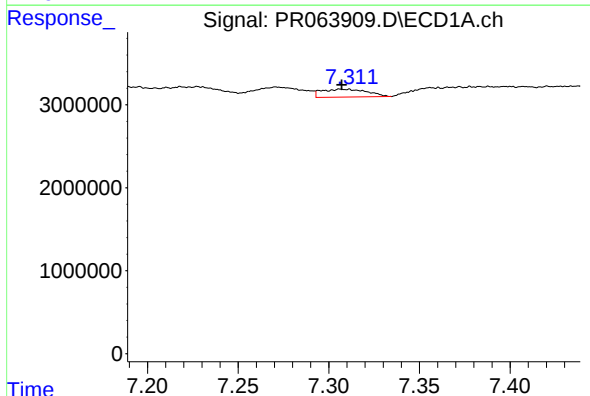
R.T.: 0.000 min
Exp R.T.: 6.848 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



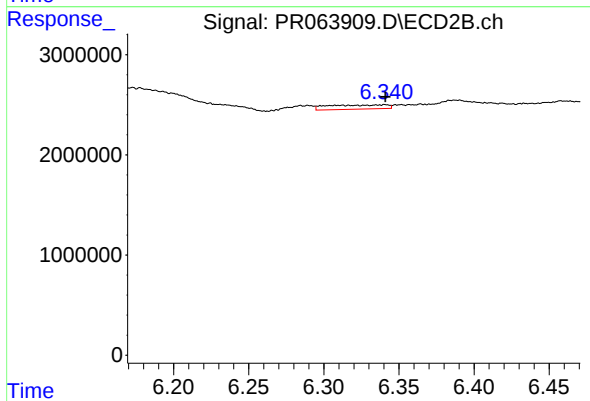
#29 AR-1254-4

R.T.: 5.893 min
Delta R.T.: 0.008 min
Response: 3253149
Conc: 18.05 ng/ml



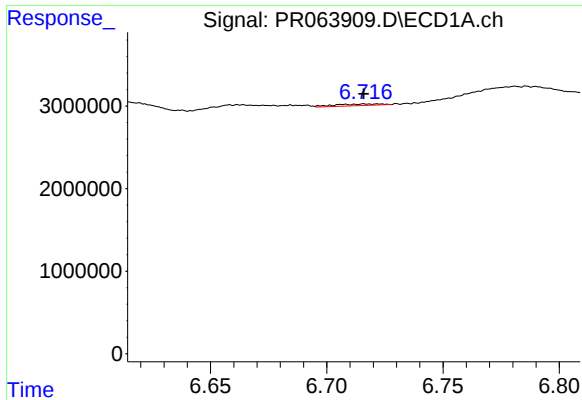
#30 AR-1254-5

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 1662630
Conc: 6.10 ng/ml



#30 AR-1254-5

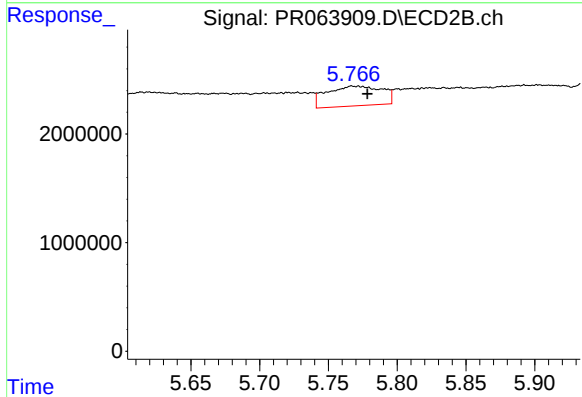
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 1152684
Conc: 4.30 ng/ml



#31 AR-1260-1

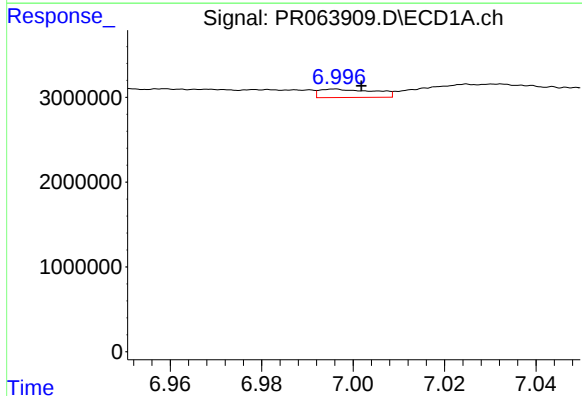
R.T.: 6.722 min
Delta R.T.: 0.006 min
Response: 277708
Conc: 1.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



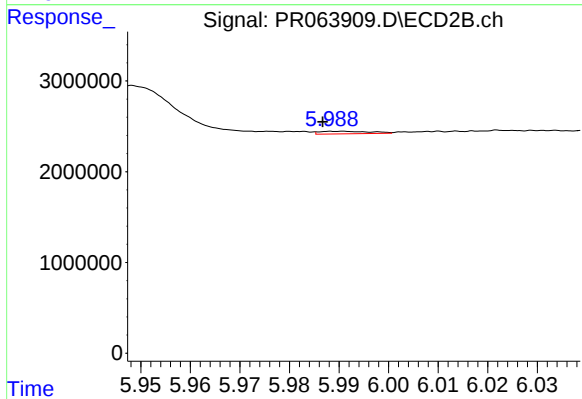
#31 AR-1260-1

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 5097659
Conc: 23.79 ng/ml



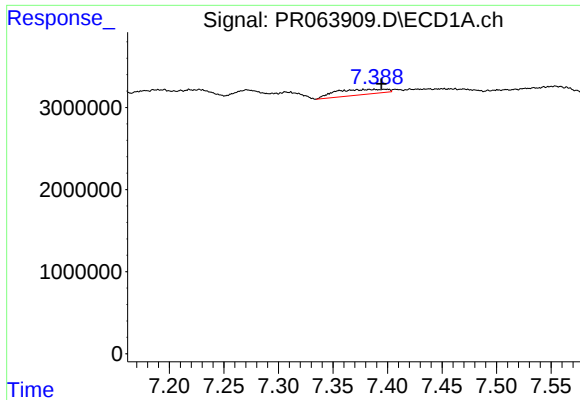
#32 AR-1260-2

R.T.: 6.996 min
Delta R.T.: -0.006 min
Response: 832983
Conc: 2.60 ng/ml



#32 AR-1260-2

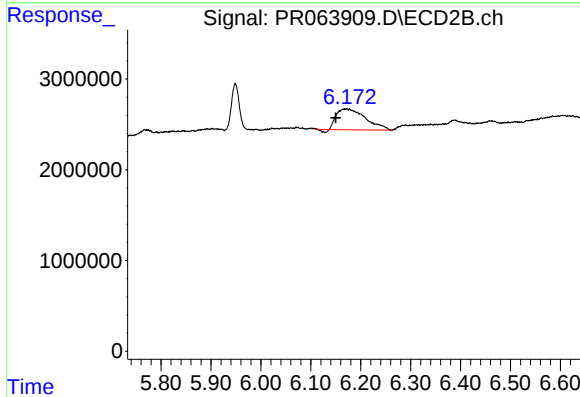
R.T.: 5.990 min
Delta R.T.: 0.003 min
Response: 203070
Conc: 0.79 ng/ml



#33 AR-1260-3

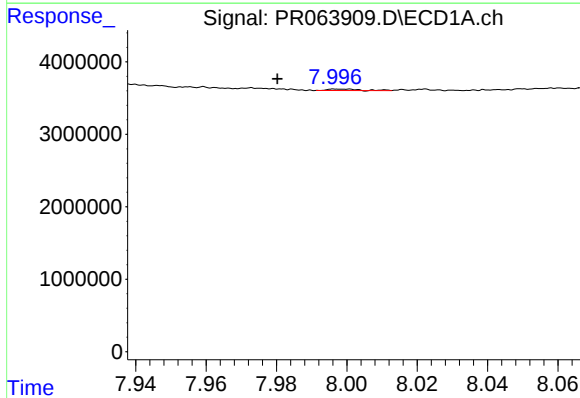
R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 2089471
Conc: 10.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



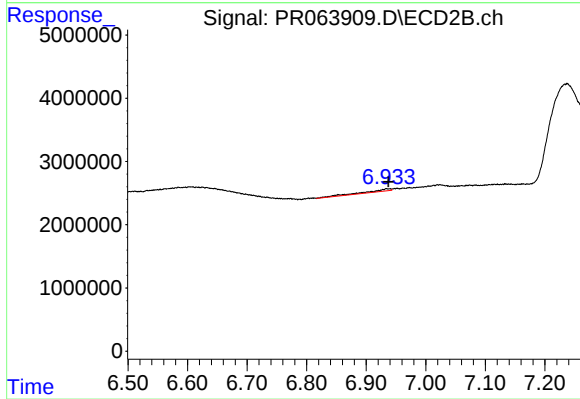
#33 AR-1260-3

R.T.: 6.172 min
Delta R.T.: 0.022 min
Response: 9286623
Conc: 36.84 ng/ml



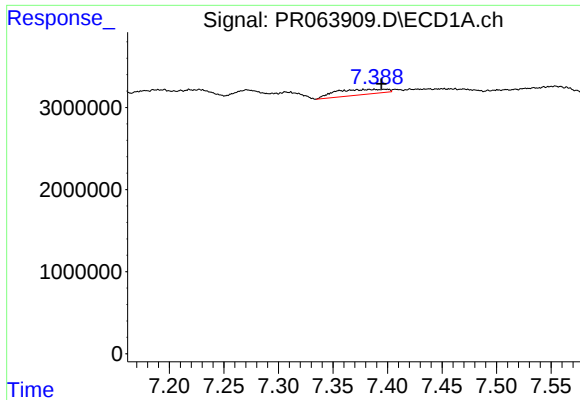
#35 AR-1260-5

R.T.: 7.998 min
Delta R.T.: 0.018 min
Response: 125286
Conc: 0.28 ng/ml



#35 AR-1260-5

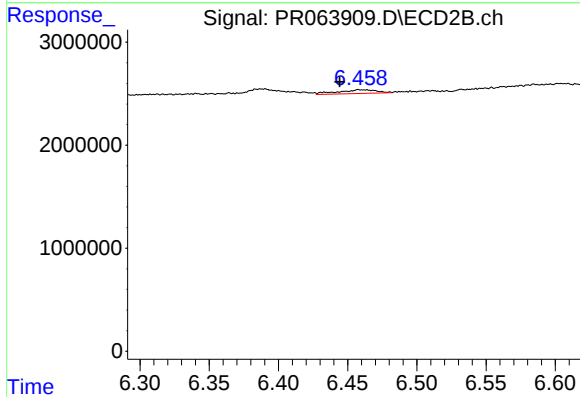
R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 1004043
Conc: 2.73 ng/ml



#36 AR-1262-1

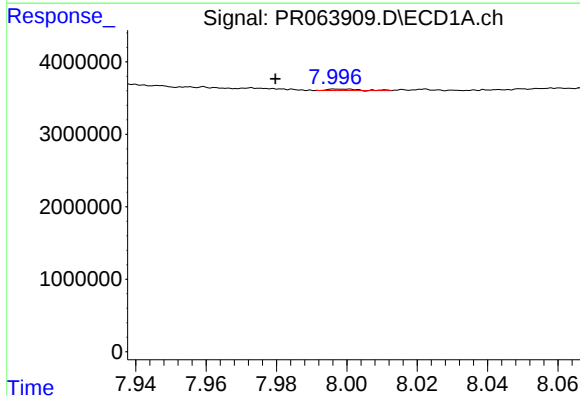
R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 2089471
Conc: 6.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



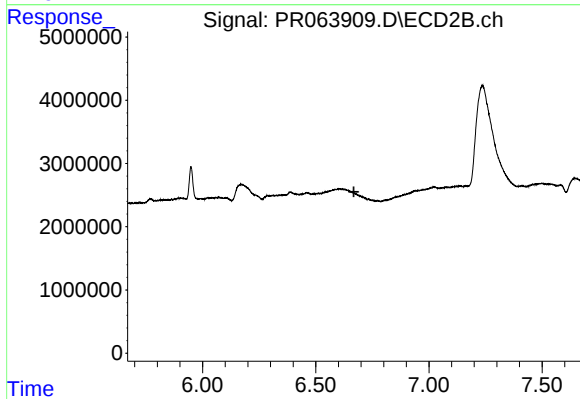
#36 AR-1262-1

R.T.: 6.458 min
Delta R.T.: 0.014 min
Response: 702409
Conc: 6.49 ng/ml



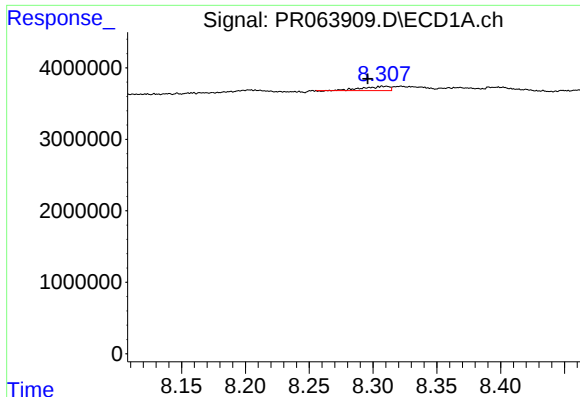
#37 AR-1262-2

R.T.: 7.998 min
Delta R.T.: 0.018 min
Response: 125286
Conc: 0.22 ng/ml



#37 AR-1262-2

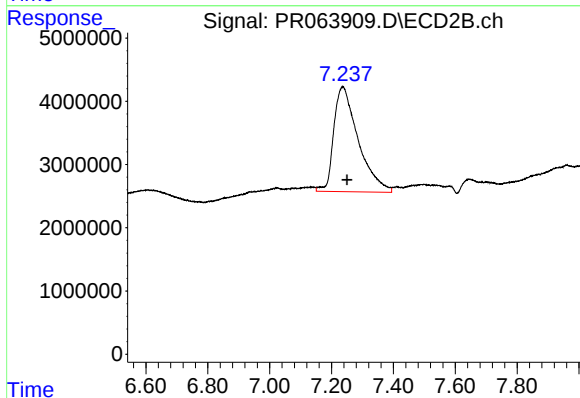
R.T.: 0.000 min
Exp R.T. : 6.668 min
Response: 0
Conc: N.D.



#38 AR-1262-3

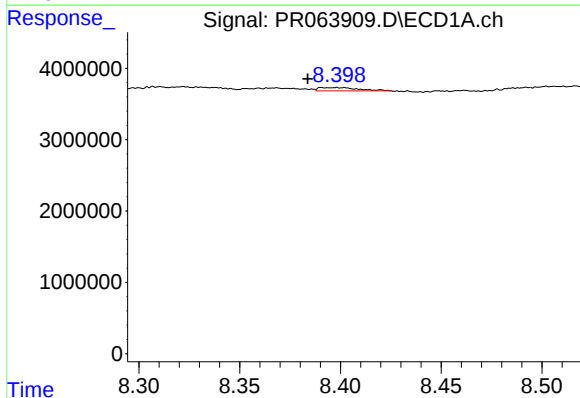
R.T.: 8.310 min
Delta R.T.: 0.014 min
Response: 834838
Conc: 2.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



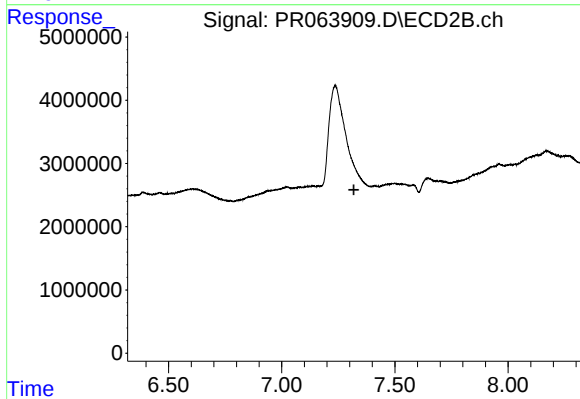
#38 AR-1262-3

R.T.: 7.237 min
Delta R.T.: -0.013 min
Response: 91177507
Conc: 530.17 ng/ml



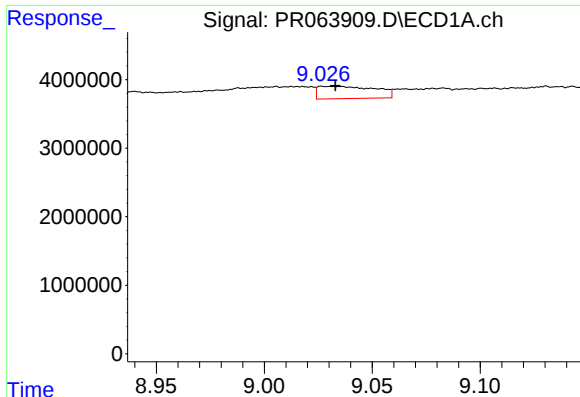
#39 AR-1262-4

R.T.: 8.398 min
Delta R.T.: 0.014 min
Response: 623586
Conc: 2.20 ng/ml



#39 AR-1262-4

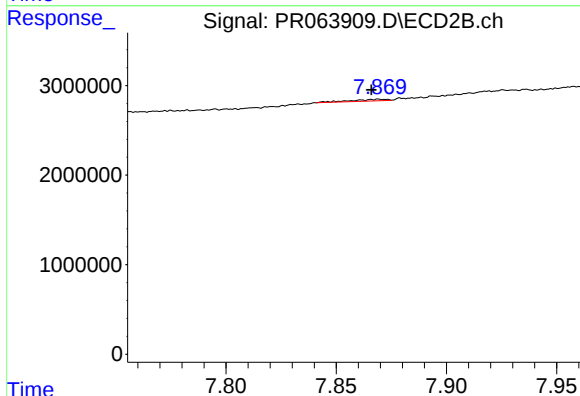
R.T.: 0.000 min
Exp R.T. : 7.319 min
Response: 0
Conc: N.D.



#40 AR-1262-5

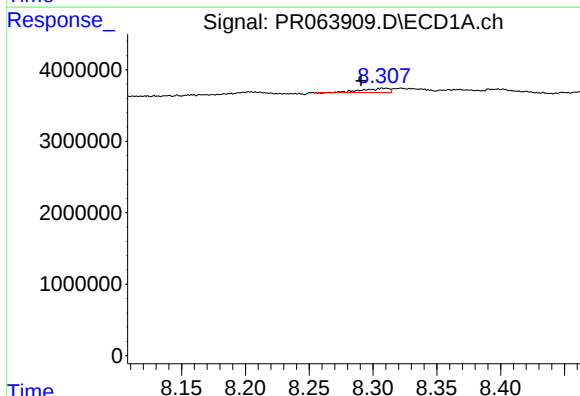
R.T.: 9.028 min
Delta R.T.: -0.005 min
Response: 3297360
Conc: 16.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



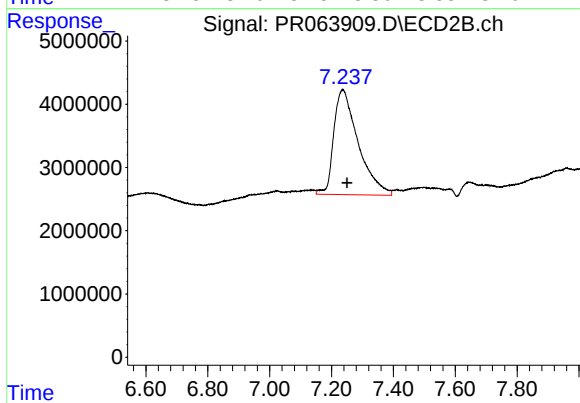
#40 AR-1262-5

R.T.: 7.870 min
Delta R.T.: 0.004 min
Response: 197235
Conc: 1.41 ng/ml



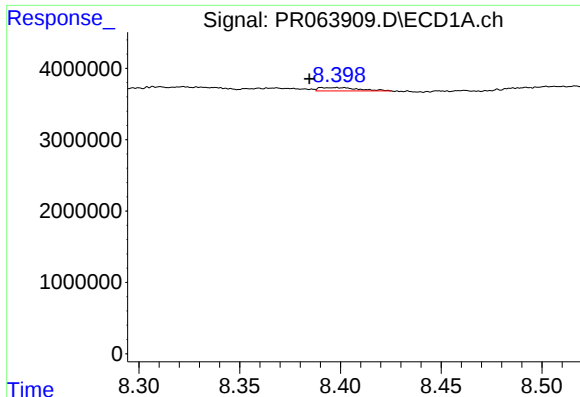
#41 AR-1268-1

R.T.: 8.310 min
Delta R.T.: 0.019 min
Response: 834838
Conc: 1.29 ng/ml



#41 AR-1268-1

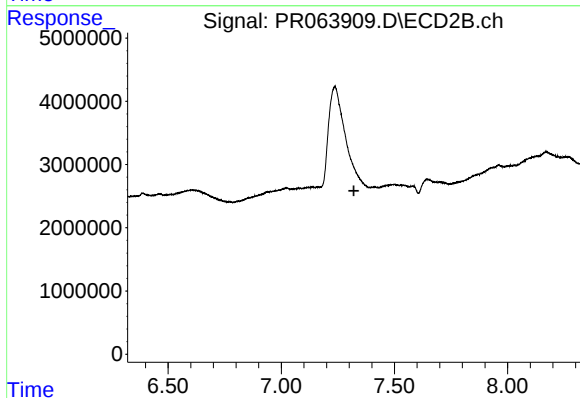
R.T.: 7.237 min
Delta R.T.: -0.013 min
Response: 91177507
Conc: 188.34 ng/ml



#42 AR-1268-2

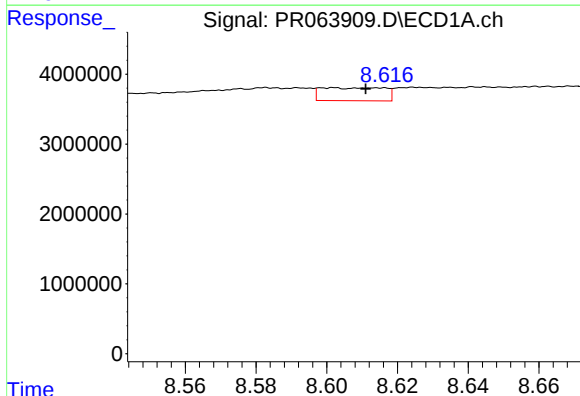
R.T.: 8.398 min
Delta R.T.: 0.013 min
Response: 623586
Conc: 1.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



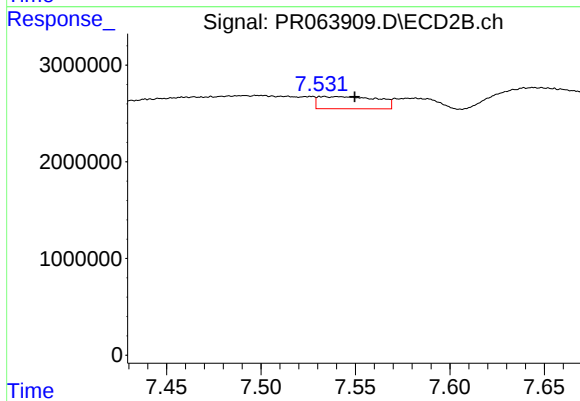
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.321 min
Response: 0
Conc: N.D.



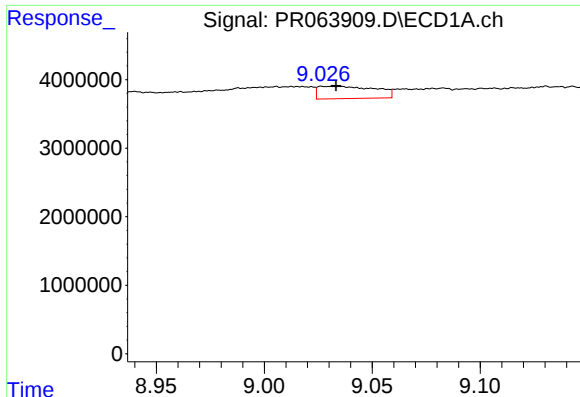
#43 AR-1268-3

R.T.: 8.602 min
Delta R.T.: -0.009 min
Response: 2313977
Conc: 4.44 ng/ml



#43 AR-1268-3

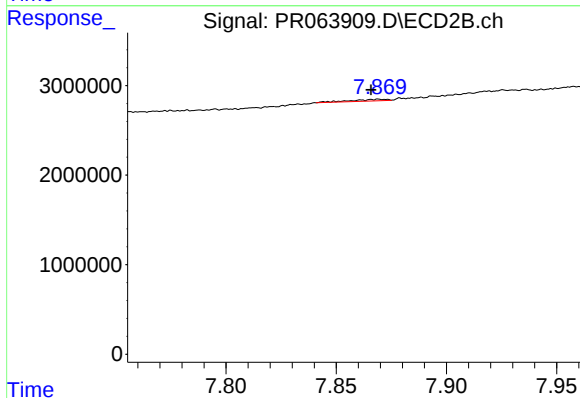
R.T.: 7.541 min
Delta R.T.: -0.009 min
Response: 2746271
Conc: 7.33 ng/ml



#44 AR-1268-4

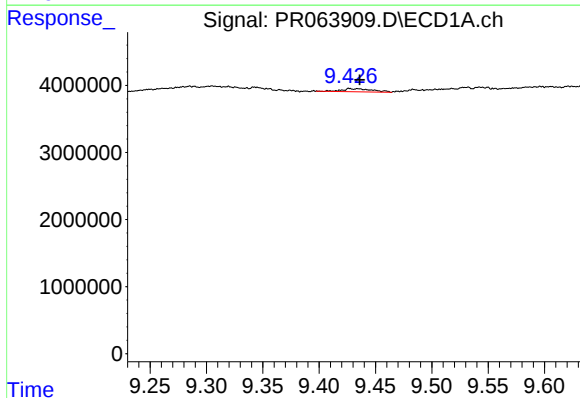
R.T.: 9.028 min
Delta R.T.: -0.006 min
Response: 3297360
Conc: 15.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



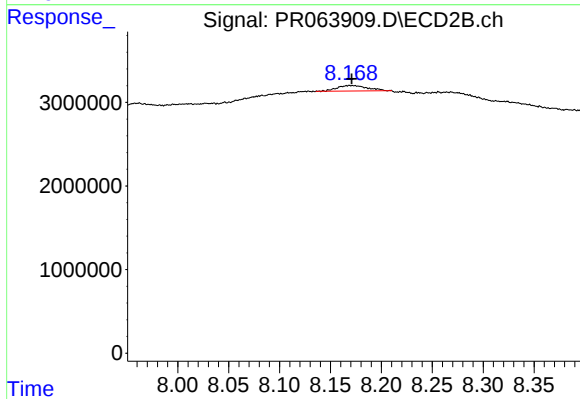
#44 AR-1268-4

R.T.: 7.870 min
Delta R.T.: 0.004 min
Response: 197235
Conc: 1.31 ng/ml



#45 AR-1268-5

R.T.: 9.427 min
Delta R.T.: -0.009 min
Response: 885704
Conc: 0.53 ng/ml



#45 AR-1268-5

R.T.: 8.169 min
Delta R.T.: -0.001 min
Response: 1368076
Conc: 1.24 ng/ml