

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 03:48
 Operator : AJ\MA
 Sample : 02213-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:10:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 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...	3.687	2.900	66740922	85690569	21.861	20.135
2)	SA Decachlor...	9.657	8.125	66143000	92105344	23.316	21.187
Target Compounds							
3)	L1 AR-1016-1	4.922	4.008	581727	607291	5.255	4.107
4)	L1 AR-1016-2	4.945	4.026	774369	959077	4.976	4.521
5)	L1 AR-1016-3	5.012	4.204	822913	415010	8.434	3.766 #
6)	L1 AR-1016-4	5.112	4.259	459424	269526	5.904	3.153 #
7)	L1 AR-1016-5	5.430	4.471	194529	487460	2.446	4.268 #
8)	L2 AR-1221-1	3.912	3.124	2471147	2726466	62.376	57.407
9)	L2 AR-1221-2	4.001	3.207	2282934	2926813	78.626	82.506
10)	L2 AR-1221-3	4.079	3.285	5196693	6115174	58.125	54.037
11)	L3 AR-1232-1	4.079	3.285	5196693	6115174	69.808	65.550
12)	L3 AR-1232-2	4.633	4.026	521365	959077	14.342	10.487 #
13)	L3 AR-1232-3	4.945	4.204	774369	415010	10.990	8.958
14)	L3 AR-1232-4	5.112	4.285	459424	239172	13.319	5.858 #
15)	L3 AR-1232-5	5.222	4.471	236011	487460	9.006	10.374
16)	L4 AR-1242-1	4.922	4.008	581727	607291	6.592	5.229
17)	L4 AR-1242-2	4.945	4.026	774369	959077	6.242	5.752
18)	L4 AR-1242-3	5.012	4.204	822913	415010	10.532	4.837 #
19)	L4 AR-1242-4	5.112	4.285	459424	239172	7.336	2.957 #
20)	L4 AR-1242-5	5.903	4.863f	478916	2077555	6.917	19.286 #
21)	L5 AR-1248-1	4.922	4.008	581727	607291	8.754	7.063
22)	L5 AR-1248-2	5.222	4.259	236011	269526	2.658	2.242
23)	L5 AR-1248-3	5.430	4.285	194529	239172	1.848	1.962
24)	L5 AR-1248-4	0.000	4.471	0	487460	N.D.	3.229 #
25)	L5 AR-1248-5	5.903	4.863f	478916	2077555	4.046	13.517 #
26)	L6 AR-1254-1	5.838	4.863f	1056986	2077555	8.776	8.593
27)	L6 AR-1254-2	6.085	0.000	153271	0	0.804	N.D. #
28)	L6 AR-1254-3	6.464	5.418	202964	566501	0.989	1.628 #
29)	L6 AR-1254-4	6.815f	5.667	1018091	307284	6.540	1.394 #
30)	L6 AR-1254-5	0.000	6.108	0	823229	N.D.	2.569 #
31)	L7 AR-1260-1	0.000	5.547	0	2780929	N.D.	11.346 #
32)	L7 AR-1260-2	6.921f	5.781f	565075	517863	2.928	1.666 #
33)	L7 AR-1260-3	0.000	5.927	0	895746	N.D.	3.191 #
34)	L7 AR-1260-4	7.576	6.430	305996	1826158	1.872	7.587 #
37)	L8 AR-1262-2	0.000	6.430	0	1826158	N.D.	6.337 #
39)	L8 AR-1262-4	0.000	7.071	0	1263650	N.D.	2.939 #
40)	L8 AR-1262-5	8.965	0.000	661802	0	5.283	N.D. #
42)	L9 AR-1268-2	0.000	7.071	0	1263650	N.D.	1.890 #
43)	L9 AR-1268-3	0.000	7.281	0	1538362	N.D.	2.707 #
44)	L9 AR-1268-4	8.965f	0.000	661802	0	4.605	N.D. #
45)	L9 AR-1268-5	9.342	7.885	449153	1489939	0.425	0.792 #

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Sample : 02213-02
Misc : AR1221 LOQ 50 PPB
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:10:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 07 15:47:54 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

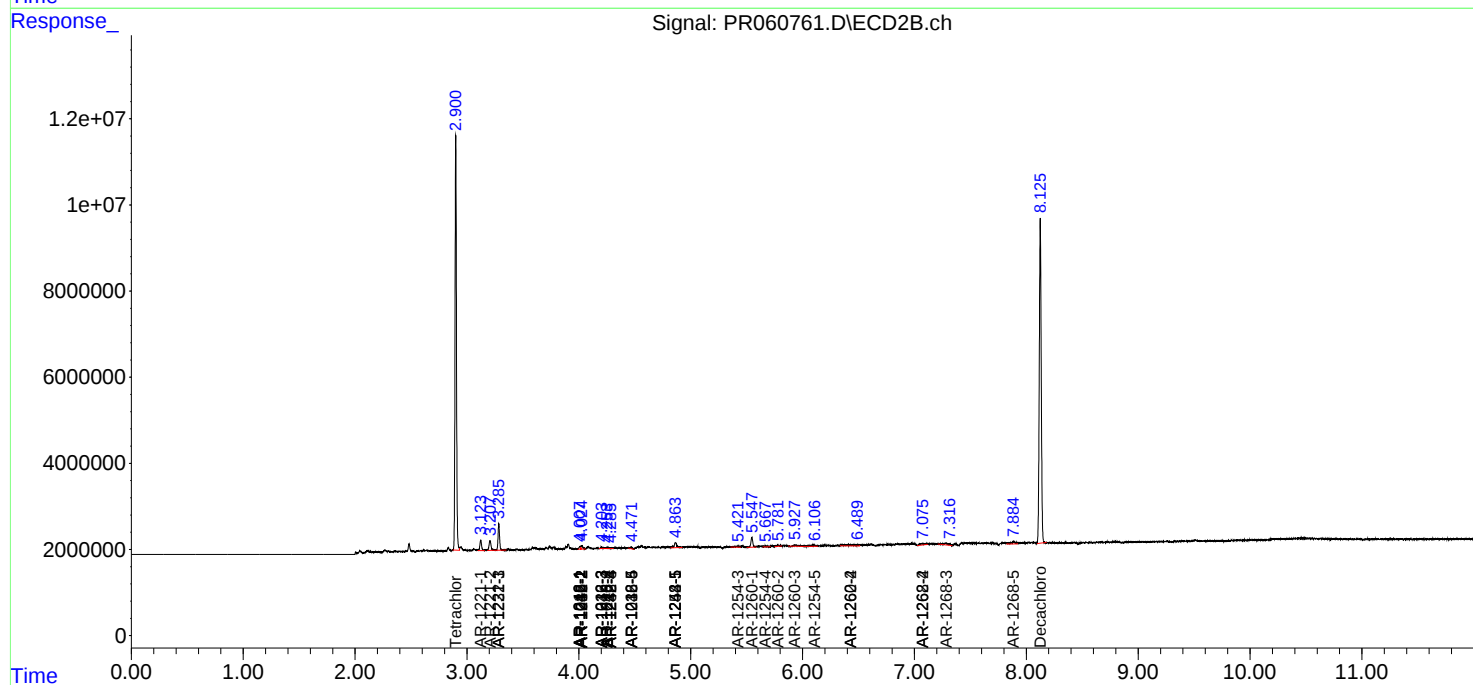
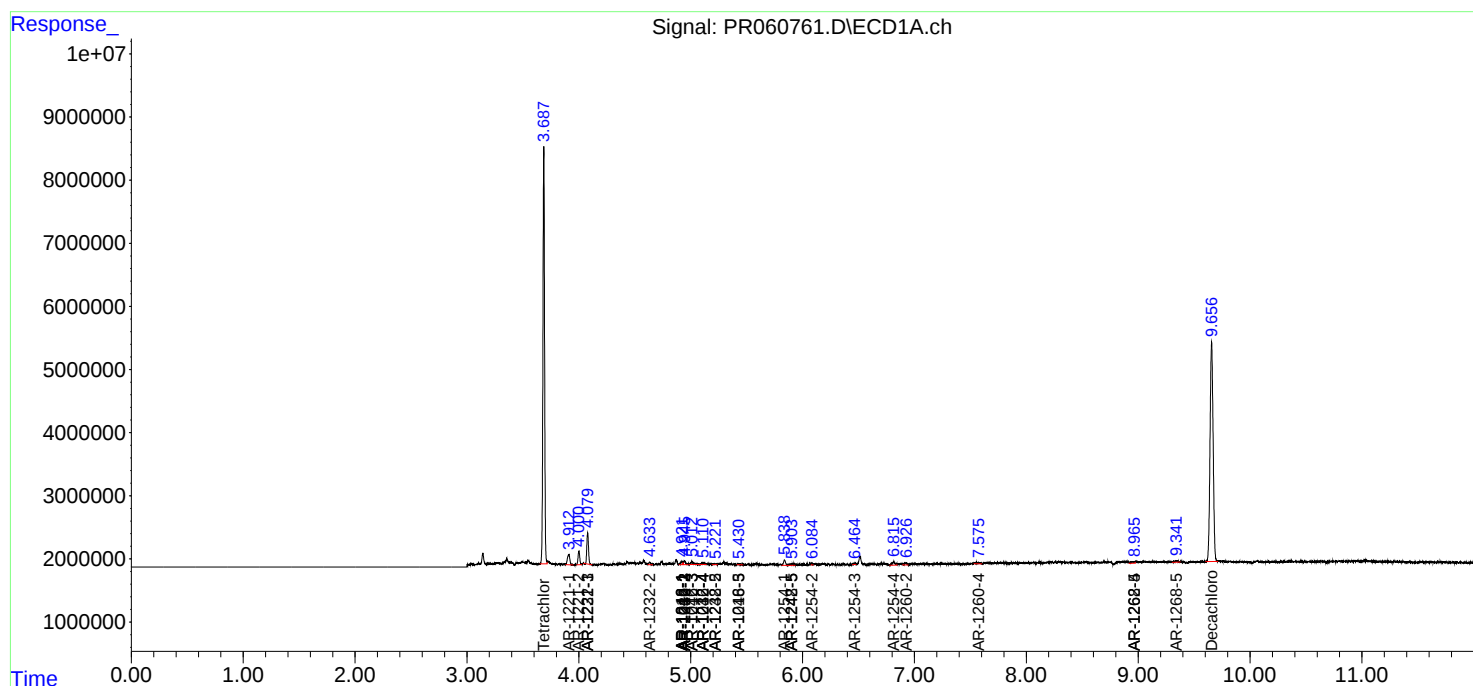
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

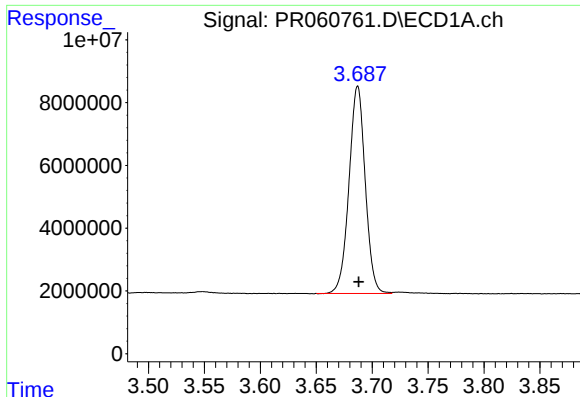
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

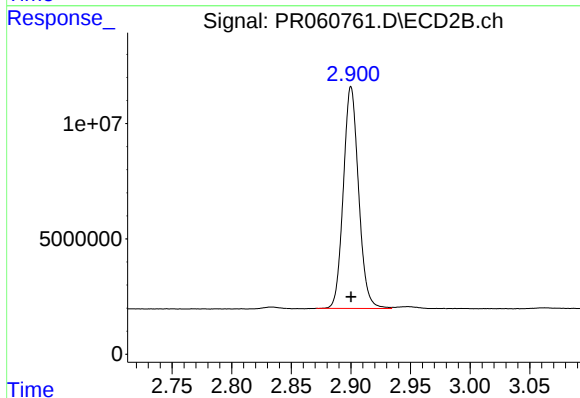




#1 Tetrachloro-m-xylene

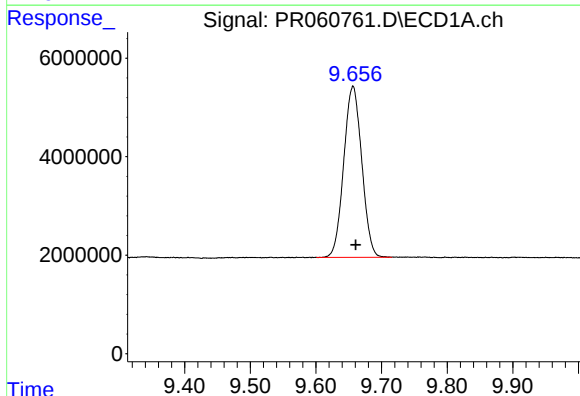
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 66740922
Conc: 21.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



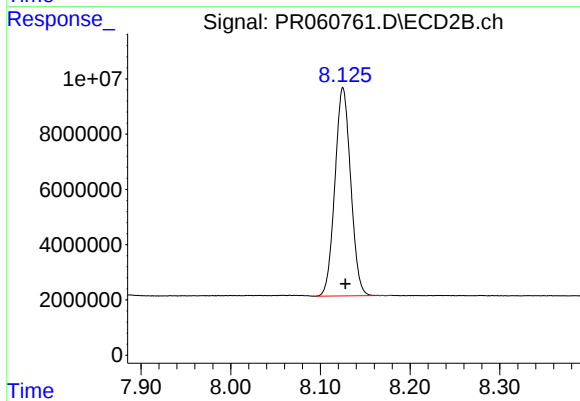
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 85690569
Conc: 20.14 ng/ml



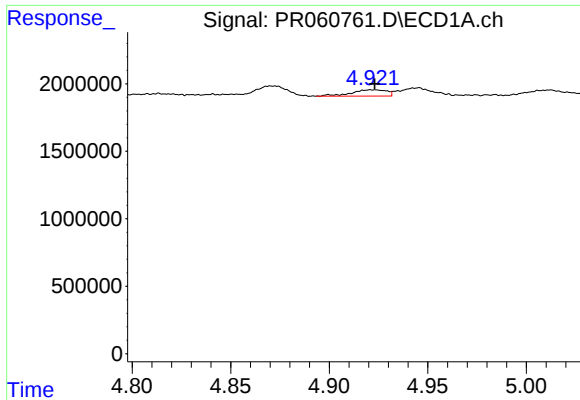
#2 Decachlorobiphenyl

R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 66143000
Conc: 23.32 ng/ml



#2 Decachlorobiphenyl

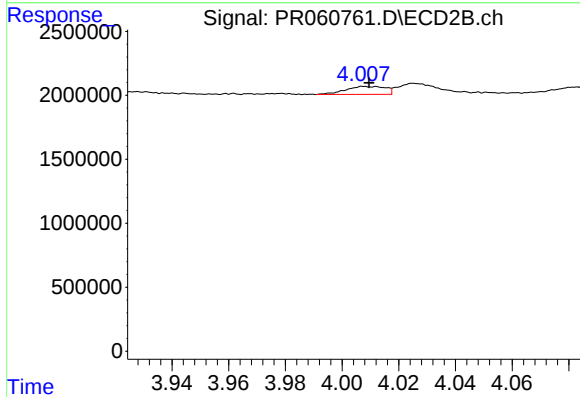
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 92105344
Conc: 21.19 ng/ml



#3 AR-1016-1

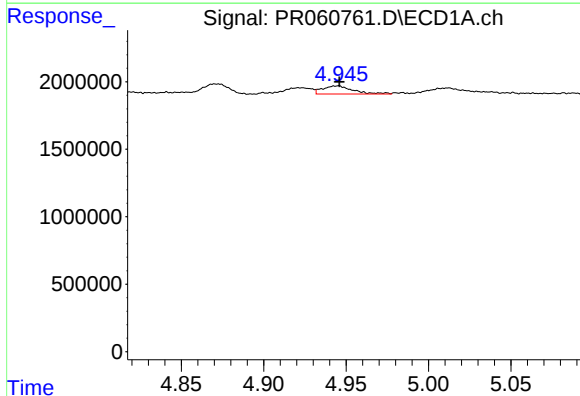
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 581727
Conc: 5.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



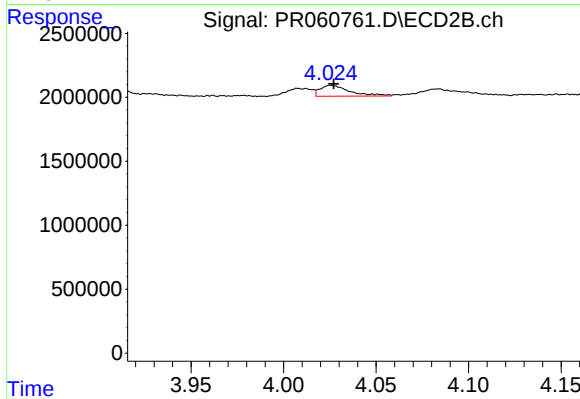
#3 AR-1016-1

R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 607291
Conc: 4.11 ng/ml



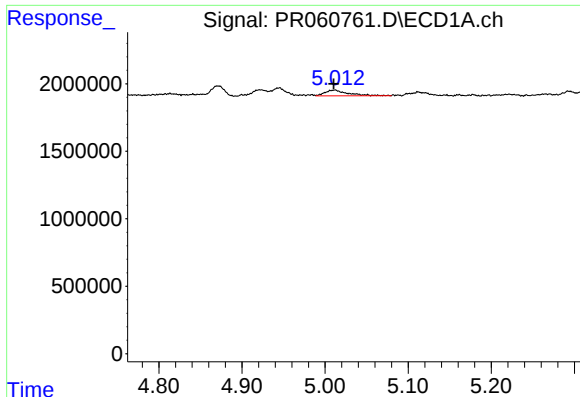
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: -0.001 min
Response: 774369
Conc: 4.98 ng/ml



#4 AR-1016-2

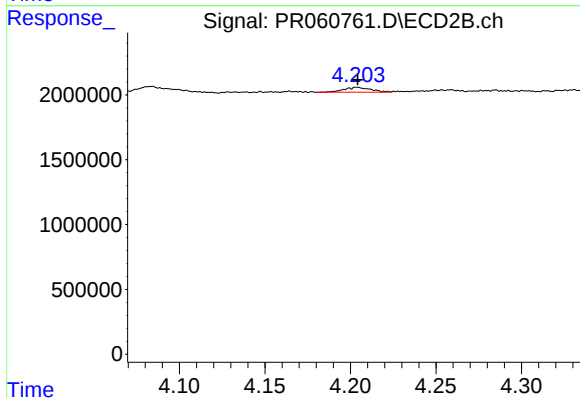
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 959077
Conc: 4.52 ng/ml



#5 AR-1016-3

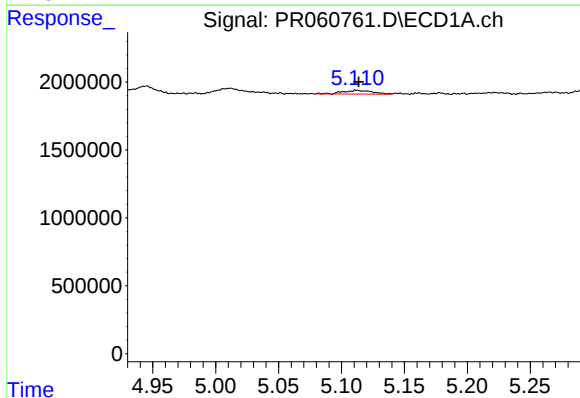
R.T.: 5.012 min
Delta R.T.: 0.001 min
Response: 822913
Conc: 8.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



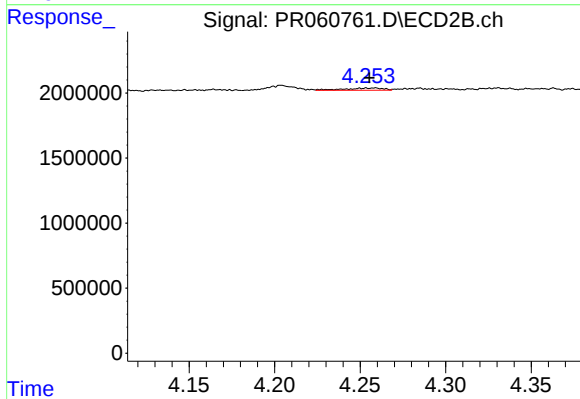
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 415010
Conc: 3.77 ng/ml



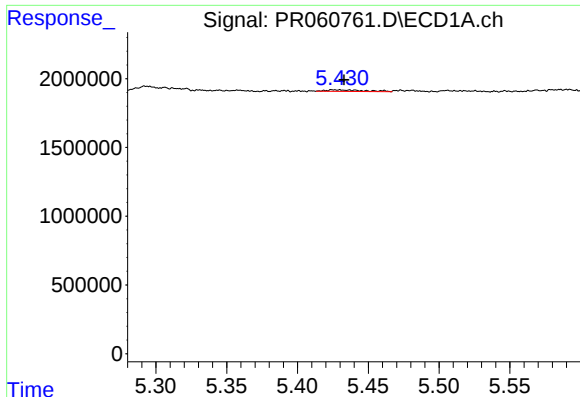
#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 459424
Conc: 5.90 ng/ml



#6 AR-1016-4

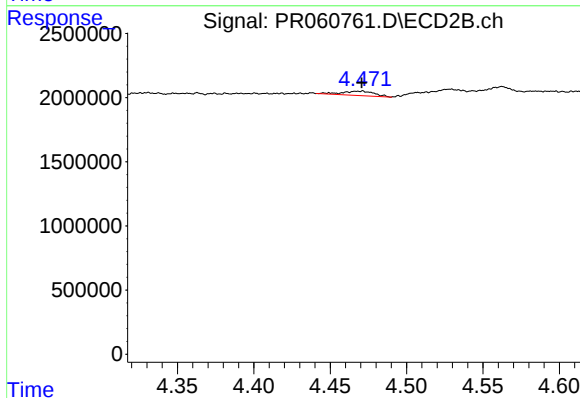
R.T.: 4.259 min
Delta R.T.: 0.003 min
Response: 269526
Conc: 3.15 ng/ml



#7 AR-1016-5

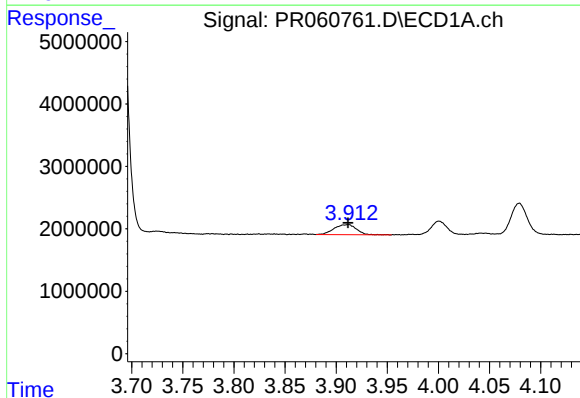
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 194529
Conc: 2.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



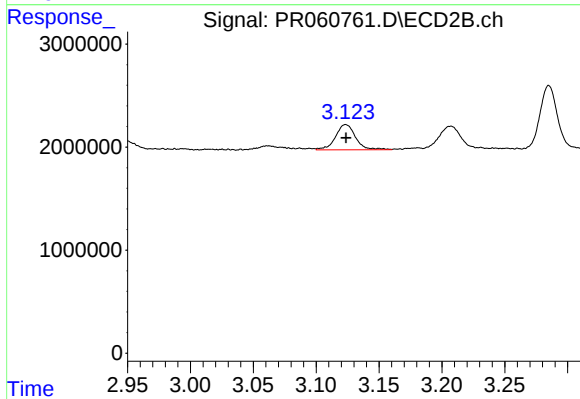
#7 AR-1016-5

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 487460
Conc: 4.27 ng/ml



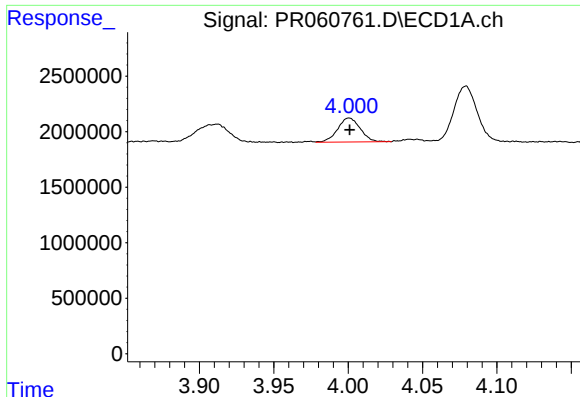
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: 0.000 min
Response: 2471147
Conc: 62.38 ng/ml



#8 AR-1221-1

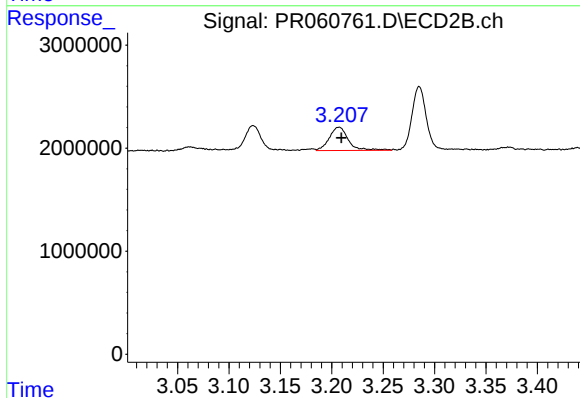
R.T.: 3.124 min
Delta R.T.: 0.000 min
Response: 2726466
Conc: 57.41 ng/ml



#9 AR-1221-2

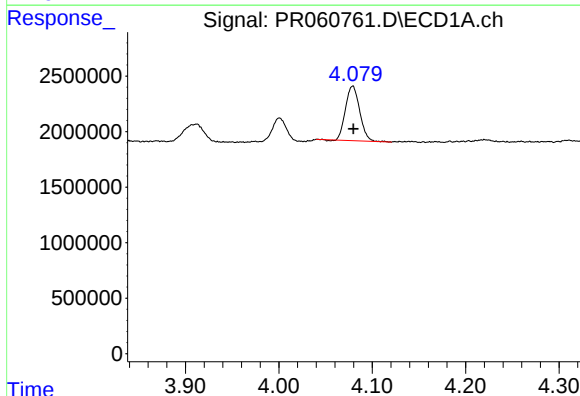
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 2282934
Conc: 78.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



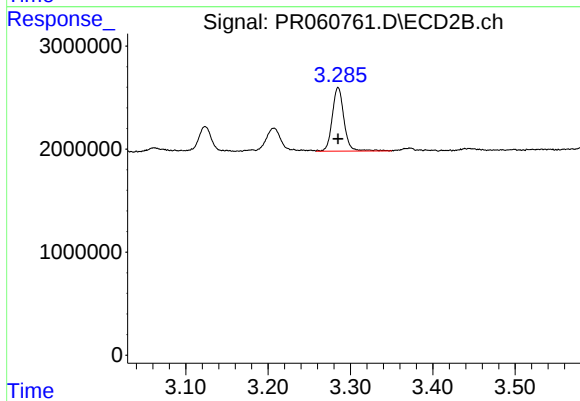
#9 AR-1221-2

R.T.: 3.207 min
Delta R.T.: -0.002 min
Response: 2926813
Conc: 82.51 ng/ml



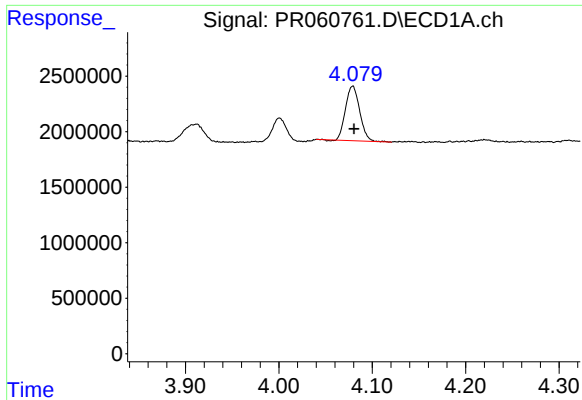
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 5196693
Conc: 58.13 ng/ml



#10 AR-1221-3

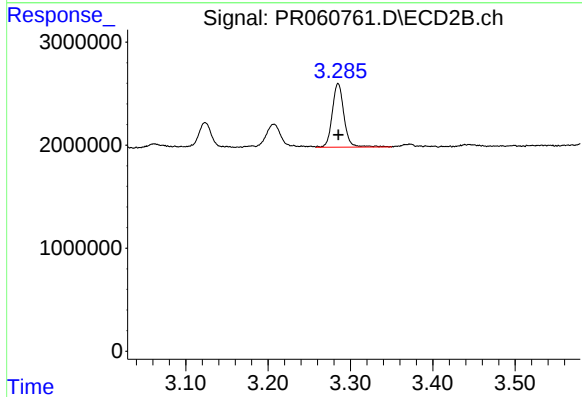
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 6115174
Conc: 54.04 ng/ml



#11 AR-1232-1

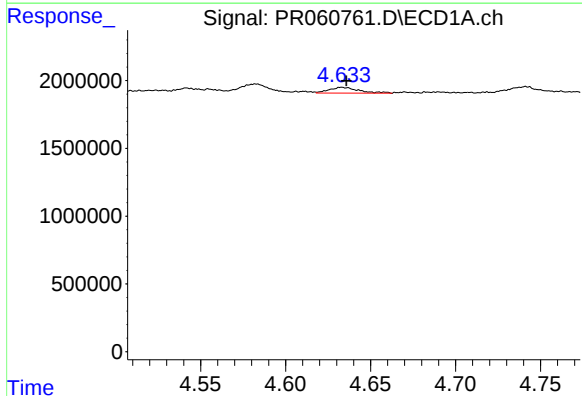
R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 5196693
Conc: 69.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



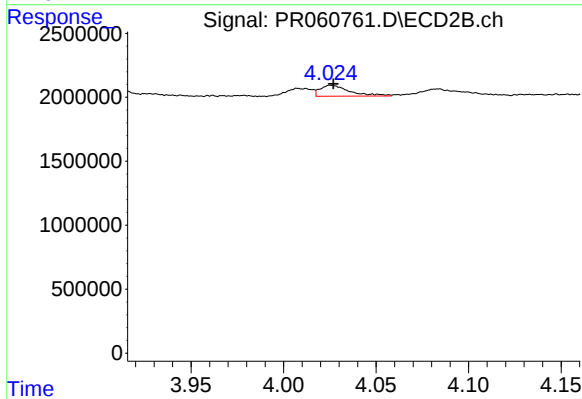
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 6115174
Conc: 65.55 ng/ml



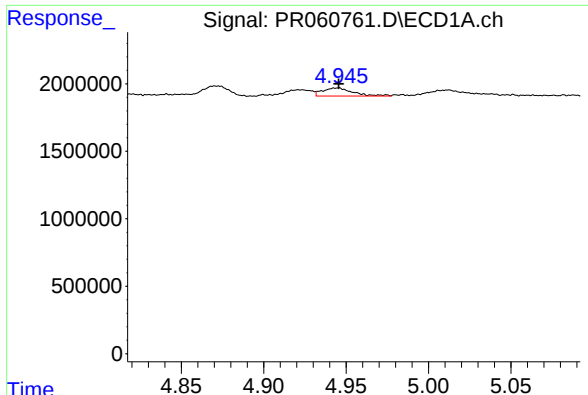
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: -0.003 min
Response: 521365
Conc: 14.34 ng/ml



#12 AR-1232-2

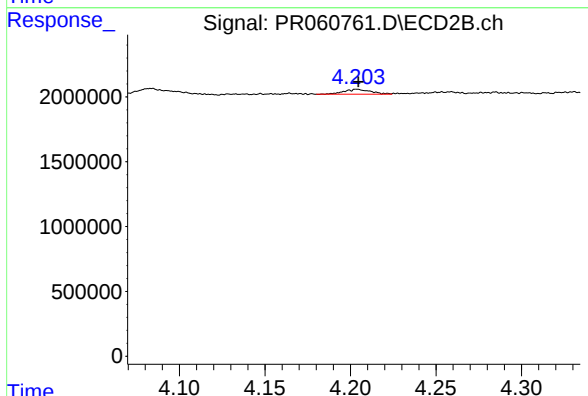
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 959077
Conc: 10.49 ng/ml



#13 AR-1232-3

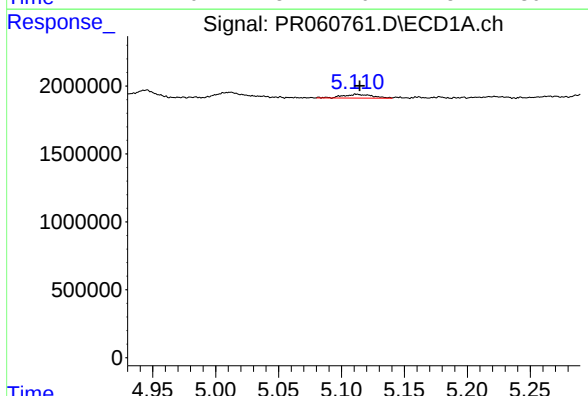
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 774369
Conc: 10.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



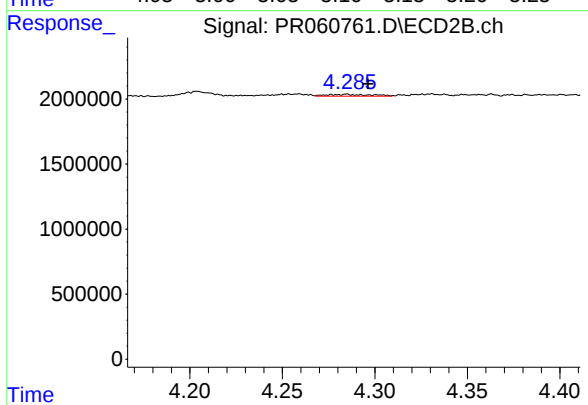
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 415010
Conc: 8.96 ng/ml



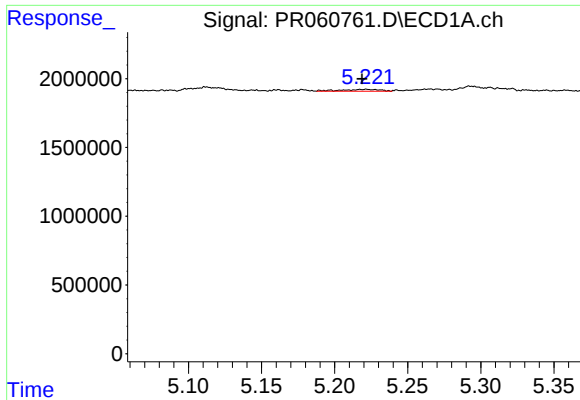
#14 AR-1232-4

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 459424
Conc: 13.32 ng/ml



#14 AR-1232-4

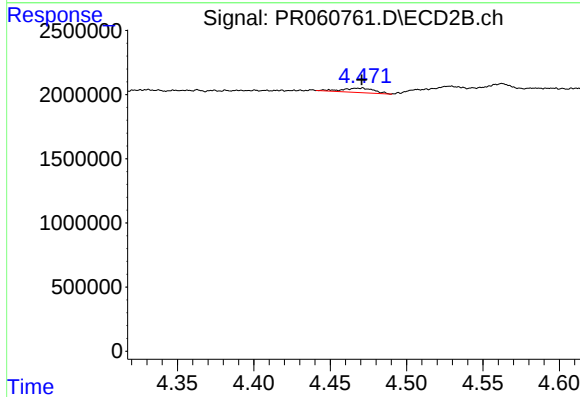
R.T.: 4.285 min
Delta R.T.: -0.012 min
Response: 239172
Conc: 5.86 ng/ml



#15 AR-1232-5

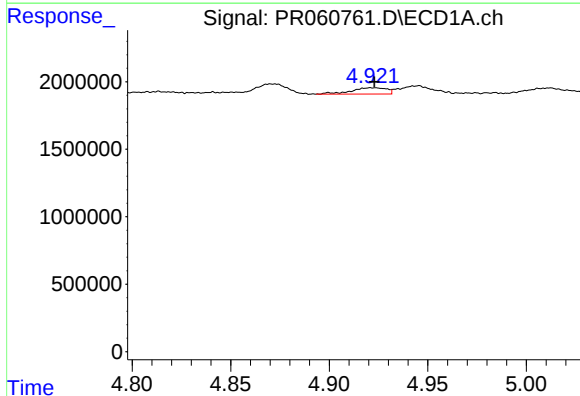
R.T.: 5.222 min
Delta R.T.: 0.003 min
Response: 236011
Conc: 9.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



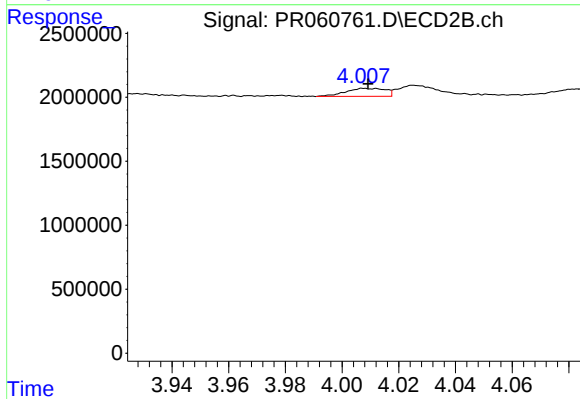
#15 AR-1232-5

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 487460
Conc: 10.37 ng/ml



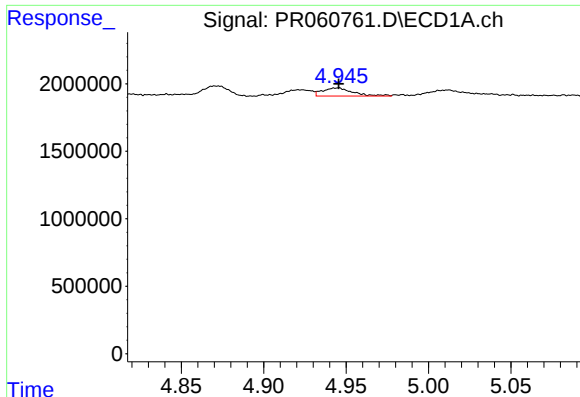
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 581727
Conc: 6.59 ng/ml



#16 AR-1242-1

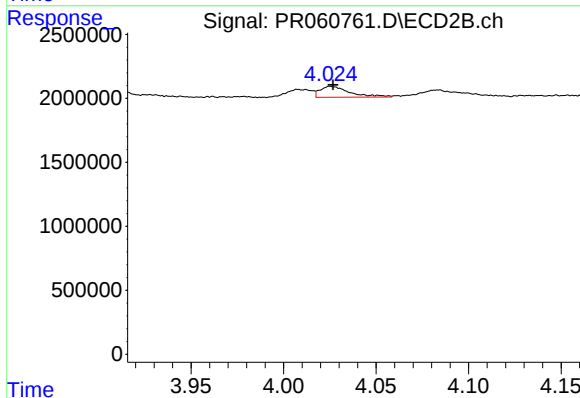
R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 607291
Conc: 5.23 ng/ml



#17 AR-1242-2

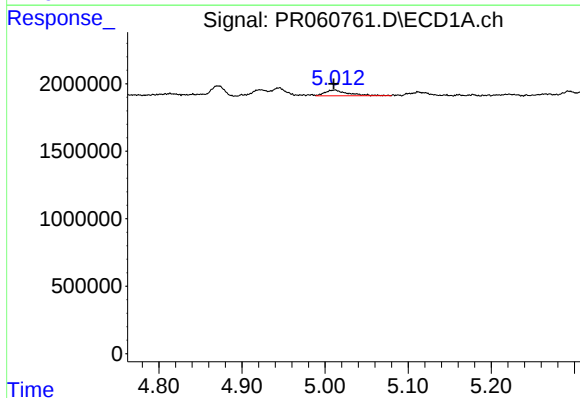
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 774369
Conc: 6.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



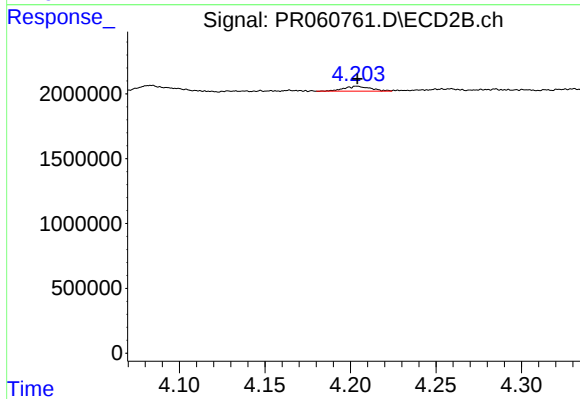
#17 AR-1242-2

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 959077
Conc: 5.75 ng/ml



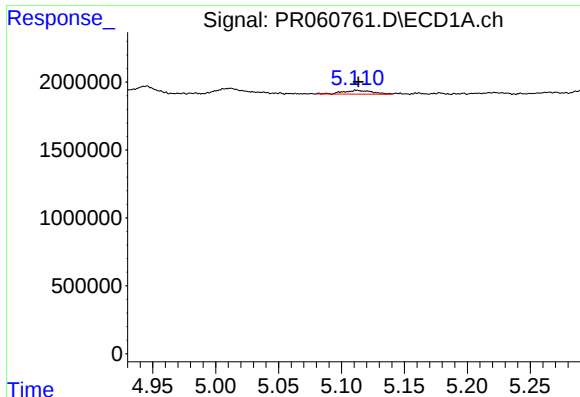
#18 AR-1242-3

R.T.: 5.012 min
Delta R.T.: 0.001 min
Response: 822913
Conc: 10.53 ng/ml



#18 AR-1242-3

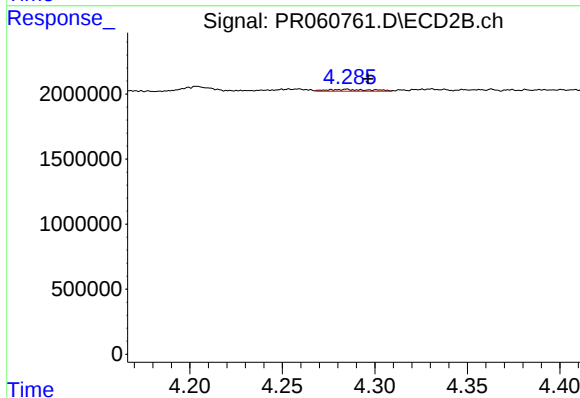
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 415010
Conc: 4.84 ng/ml



#19 AR-1242-4

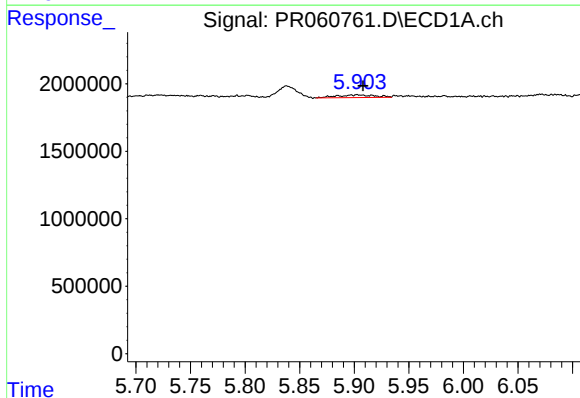
R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 459424
Conc: 7.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



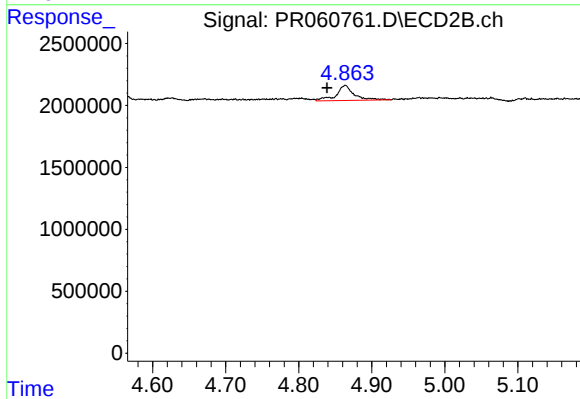
#19 AR-1242-4

R.T.: 4.285 min
Delta R.T.: -0.012 min
Response: 239172
Conc: 2.96 ng/ml



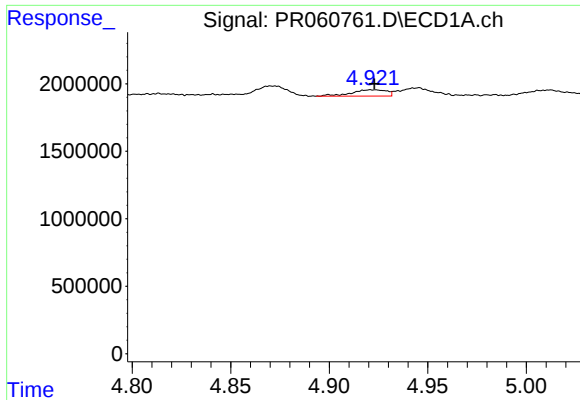
#20 AR-1242-5

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 478916
Conc: 6.92 ng/ml



#20 AR-1242-5

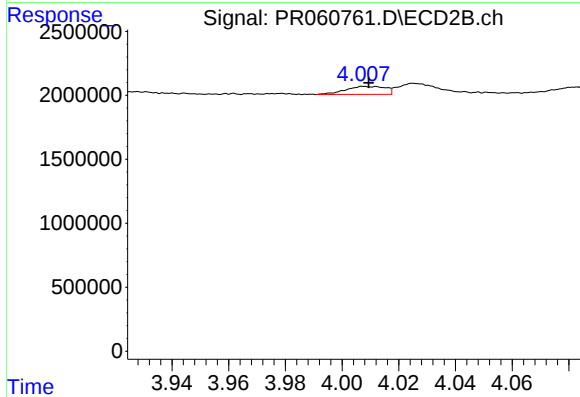
R.T.: 4.863 min
Delta R.T.: 0.025 min
Response: 2077555
Conc: 19.29 ng/ml



#21 AR-1248-1

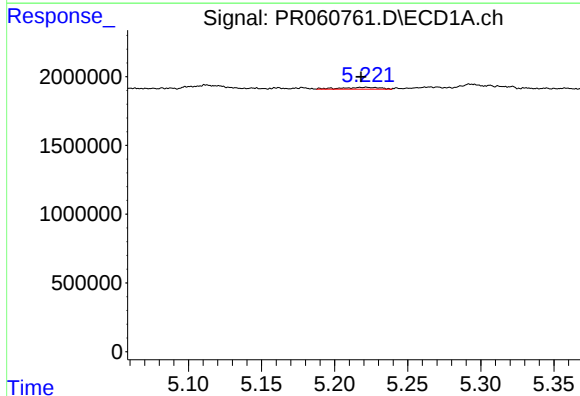
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 581727
Conc: 8.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



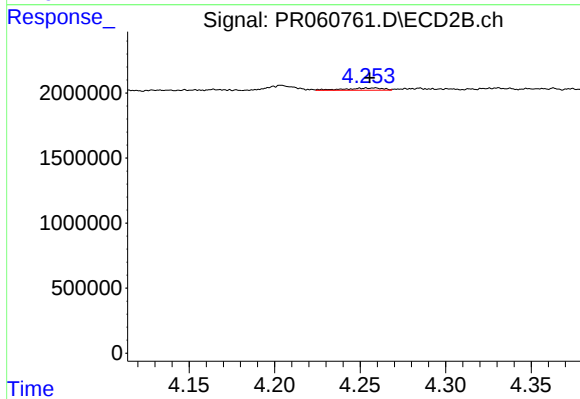
#21 AR-1248-1

R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 607291
Conc: 7.06 ng/ml



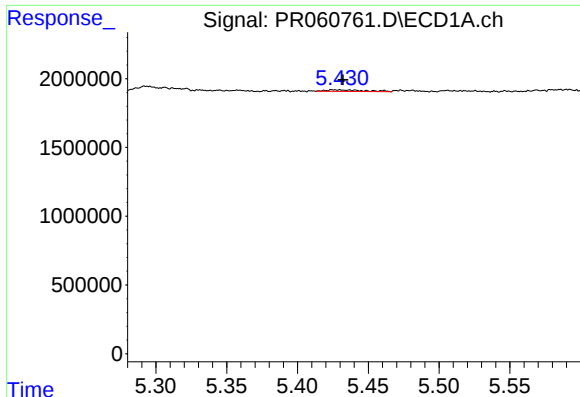
#22 AR-1248-2

R.T.: 5.222 min
Delta R.T.: 0.004 min
Response: 236011
Conc: 2.66 ng/ml



#22 AR-1248-2

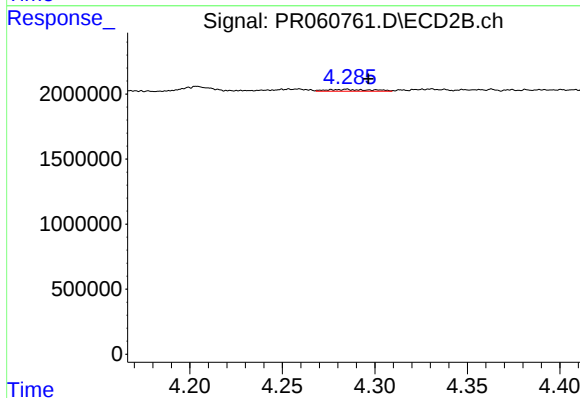
R.T.: 4.259 min
Delta R.T.: 0.003 min
Response: 269526
Conc: 2.24 ng/ml



#23 AR-1248-3

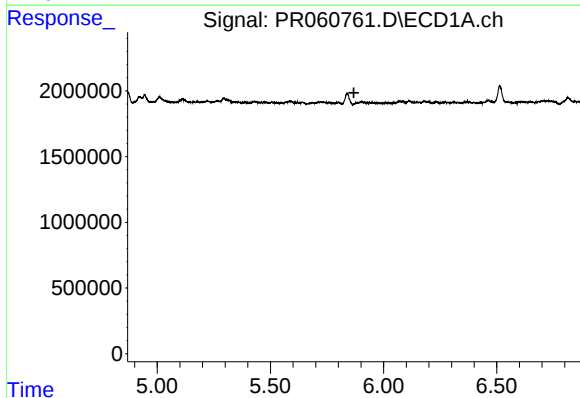
R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 194529
Conc: 1.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



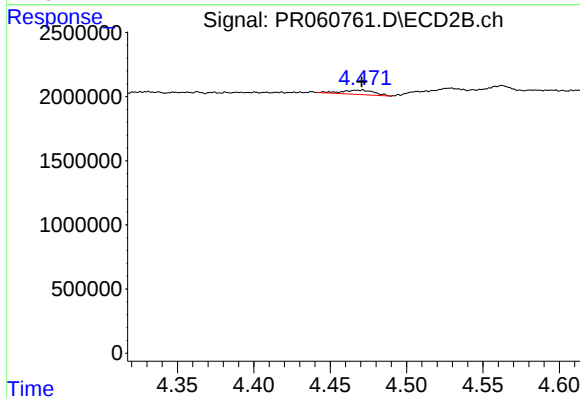
#23 AR-1248-3

R.T.: 4.285 min
Delta R.T.: -0.012 min
Response: 239172
Conc: 1.96 ng/ml



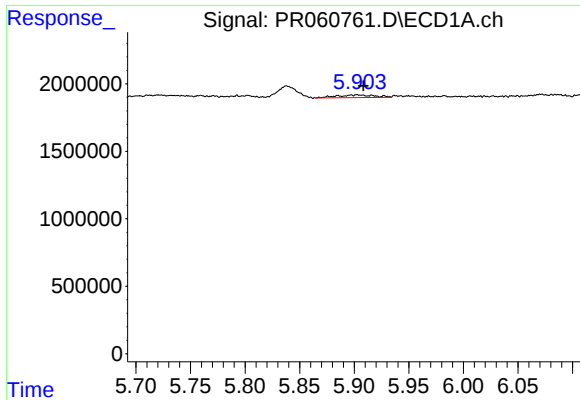
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.869 min
Response: 0
Conc: N.D.



#24 AR-1248-4

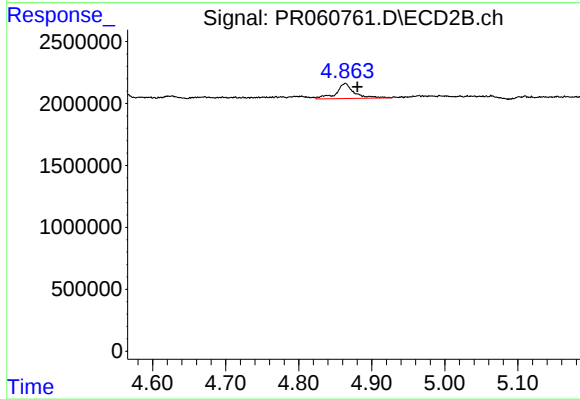
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 487460
Conc: 3.23 ng/ml



#25 AR-1248-5

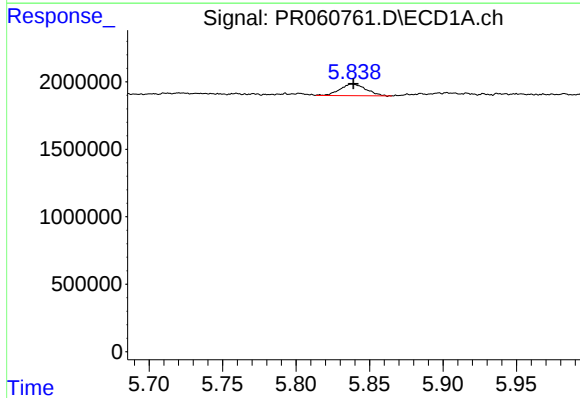
R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 478916
Conc: 4.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



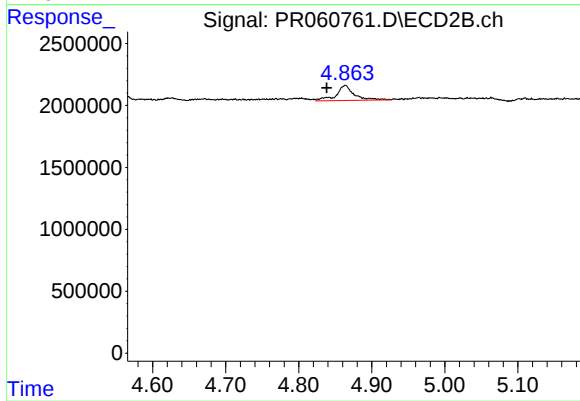
#25 AR-1248-5

R.T.: 4.863 min
Delta R.T.: -0.017 min
Response: 2077555
Conc: 13.52 ng/ml



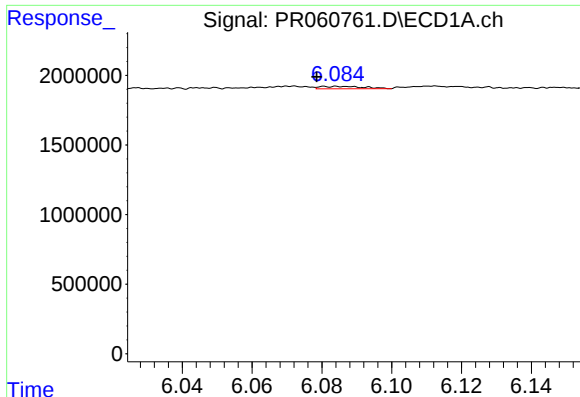
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 1056986
Conc: 8.78 ng/ml



#26 AR-1254-1

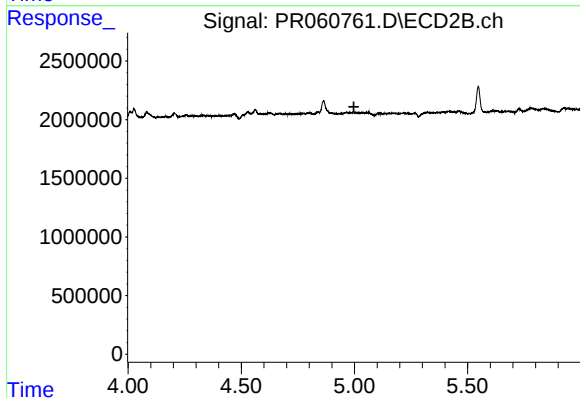
R.T.: 4.863 min
Delta R.T.: 0.025 min
Response: 2077555
Conc: 8.59 ng/ml



#27 AR-1254-2

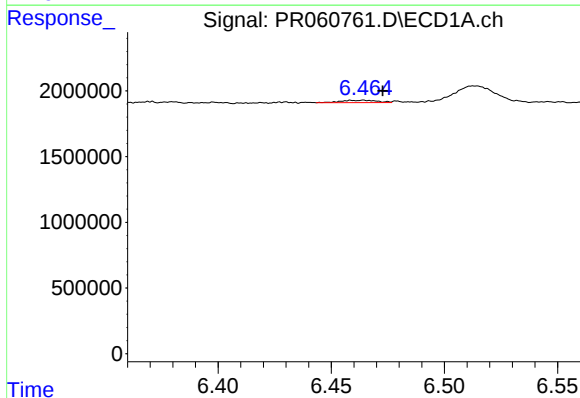
R.T.: 6.085 min
Delta R.T.: 0.007 min
Response: 153271
Conc: 0.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



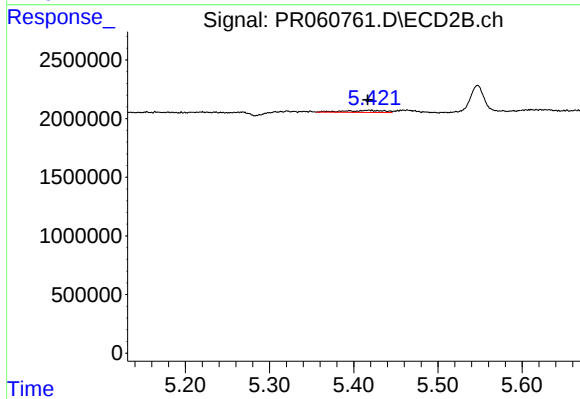
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 4.997 min
Response: 0
Conc: N.D.



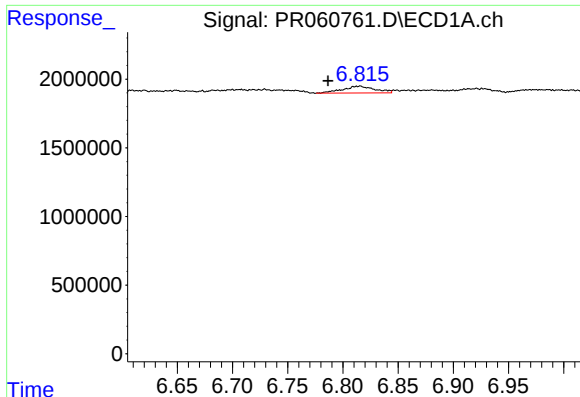
#28 AR-1254-3

R.T.: 6.464 min
Delta R.T.: -0.008 min
Response: 202964
Conc: 0.99 ng/ml



#28 AR-1254-3

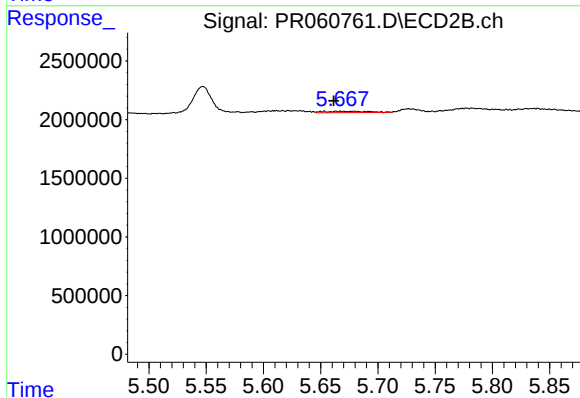
R.T.: 5.418 min
Delta R.T.: 0.001 min
Response: 566501
Conc: 1.63 ng/ml



#29 AR-1254-4

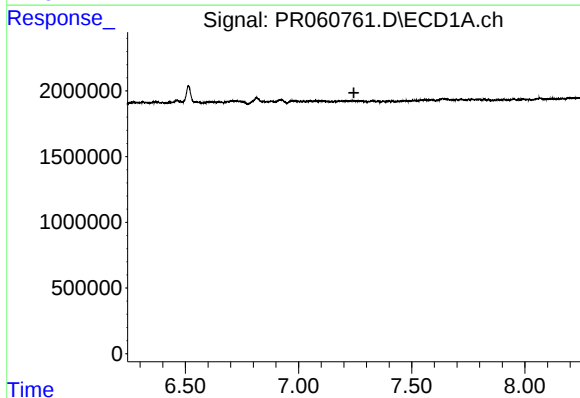
R.T.: 6.815 min
Delta R.T.: 0.029 min
Response: 1018091
Conc: 6.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



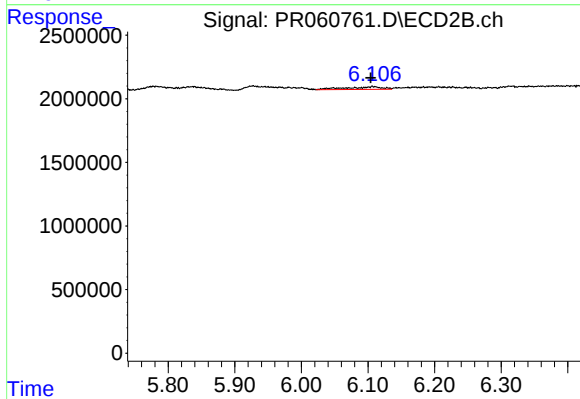
#29 AR-1254-4

R.T.: 5.667 min
Delta R.T.: 0.005 min
Response: 307284
Conc: 1.39 ng/ml



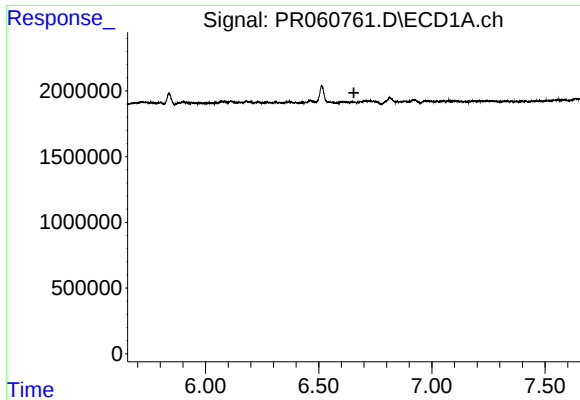
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.244 min
Response: 0
Conc: N.D.



#30 AR-1254-5

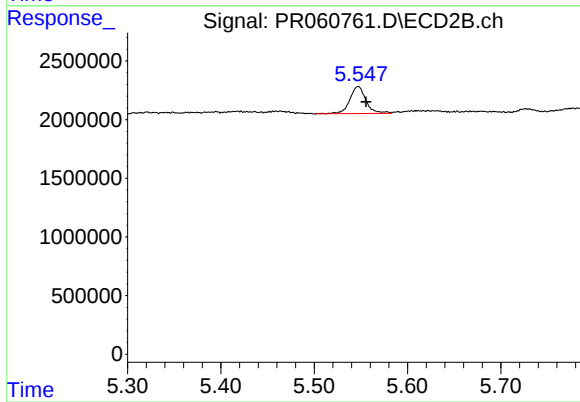
R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 823229
Conc: 2.57 ng/ml



#31 AR-1260-1

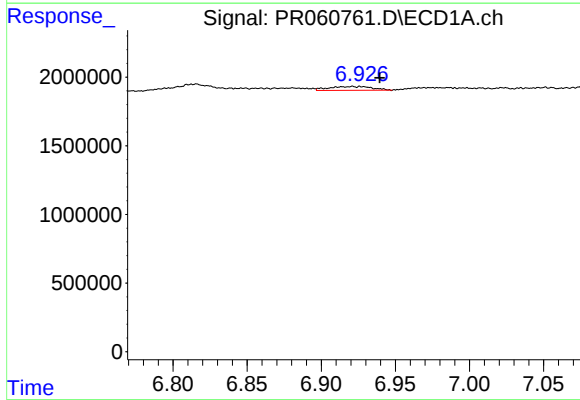
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



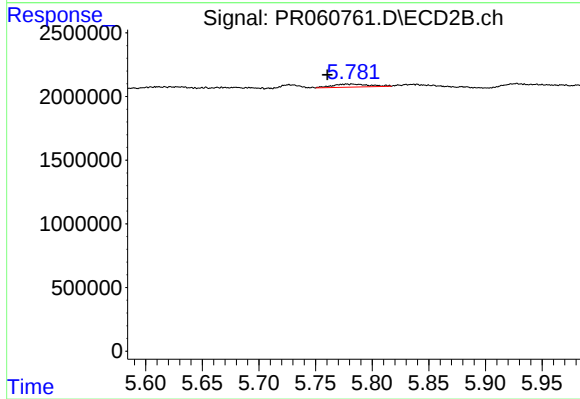
#31 AR-1260-1

R.T.: 5.547 min
Delta R.T.: -0.008 min
Response: 2780929
Conc: 11.35 ng/ml



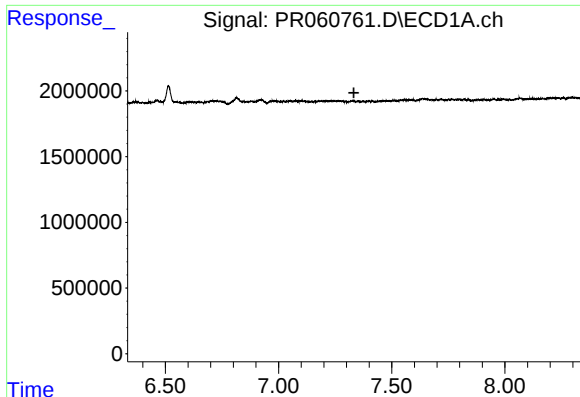
#32 AR-1260-2

R.T.: 6.921 min
Delta R.T.: -0.019 min
Response: 565075
Conc: 2.93 ng/ml



#32 AR-1260-2

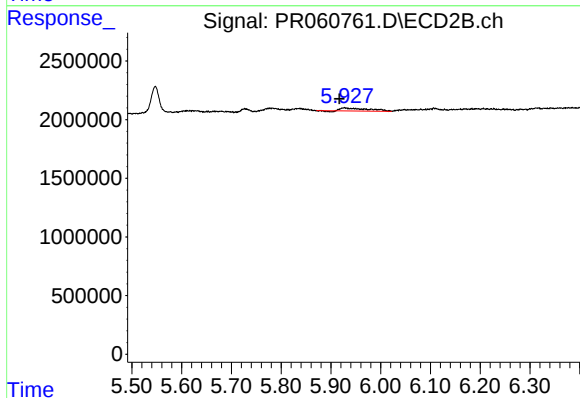
R.T.: 5.781 min
Delta R.T.: 0.021 min
Response: 517863
Conc: 1.67 ng/ml



#33 AR-1260-3

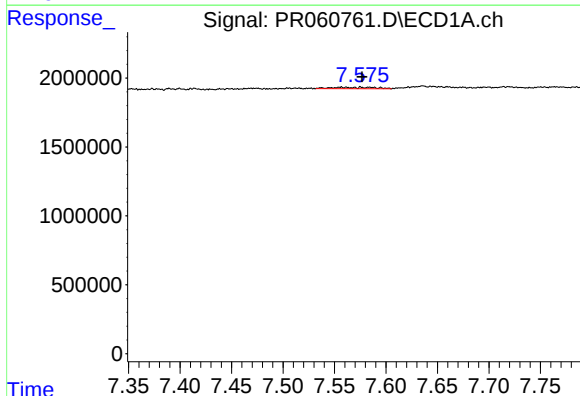
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



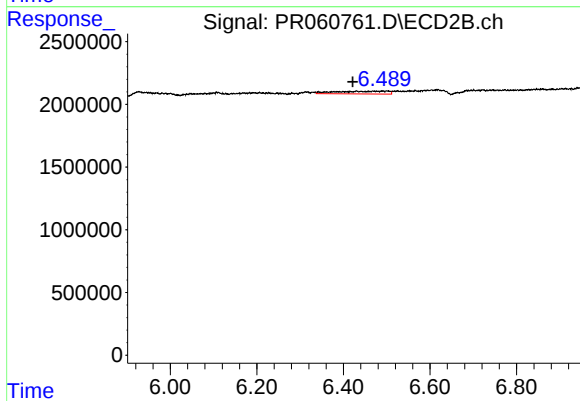
#33 AR-1260-3

R.T.: 5.927 min
Delta R.T.: 0.010 min
Response: 895746
Conc: 3.19 ng/ml



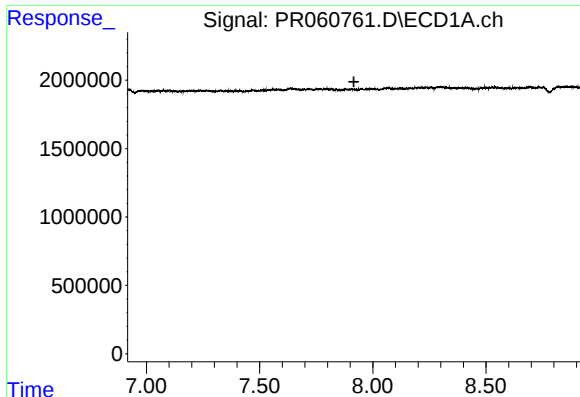
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 305996
Conc: 1.87 ng/ml



#34 AR-1260-4

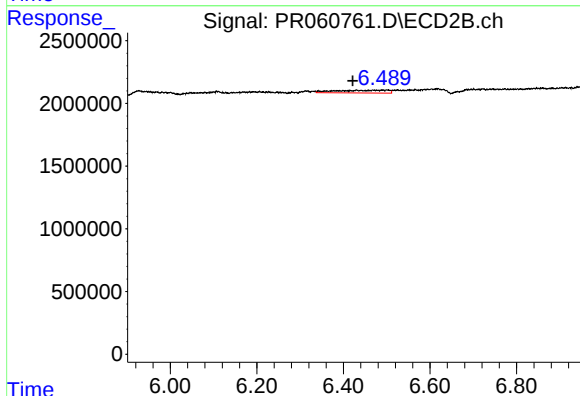
R.T.: 6.430 min
Delta R.T.: 0.009 min
Response: 1826158
Conc: 7.59 ng/ml



#37 AR-1262-2

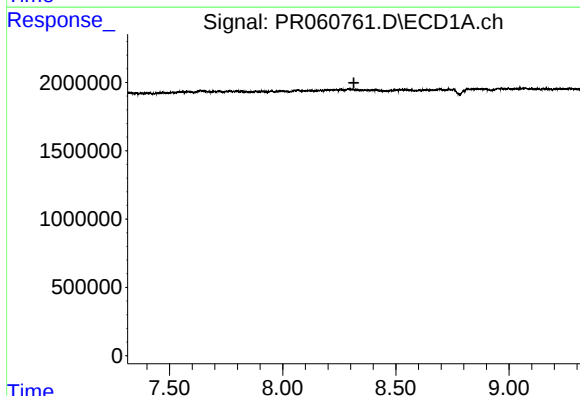
R.T.: 0.000 min
Exp R.T.: 7.917 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



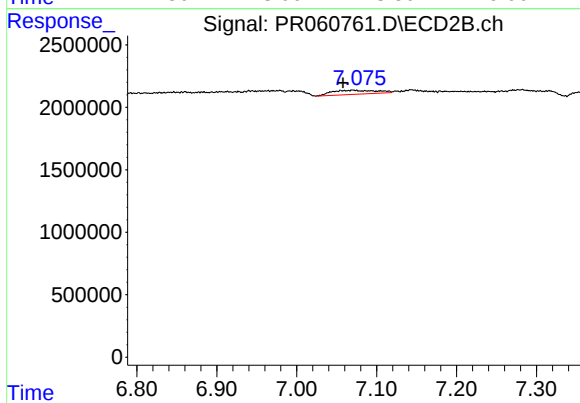
#37 AR-1262-2

R.T.: 6.430 min
Delta R.T.: 0.009 min
Response: 1826158
Conc: 6.34 ng/ml



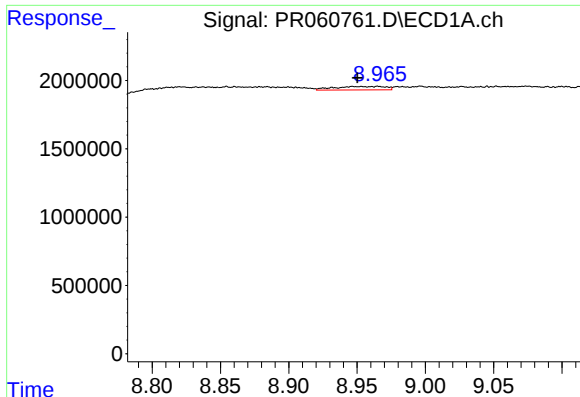
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.315 min
Response: 0
Conc: N.D.



#39 AR-1262-4

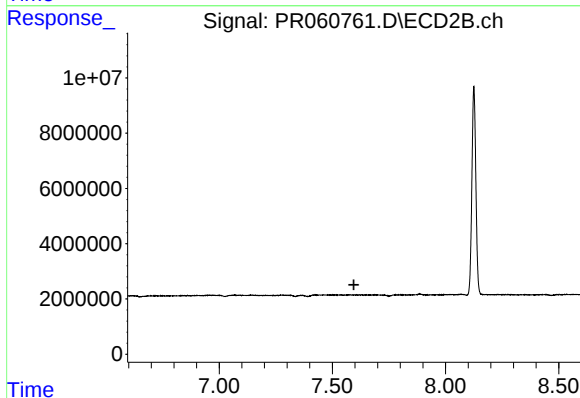
R.T.: 7.071 min
Delta R.T.: 0.013 min
Response: 1263650
Conc: 2.94 ng/ml



#40 AR-1262-5

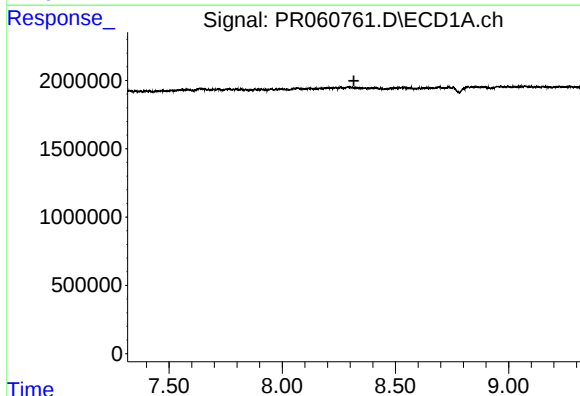
R.T.: 8.965 min
Delta R.T.: 0.015 min
Response: 661802
Conc: 5.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



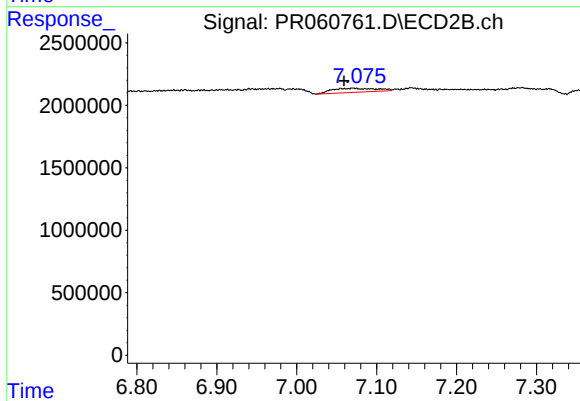
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



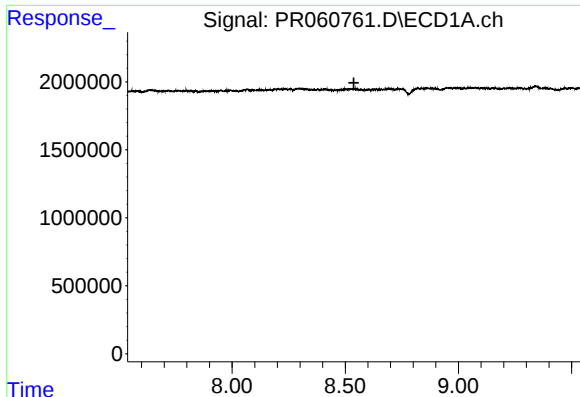
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.317 min
Response: 0
Conc: N.D.



#42 AR-1268-2

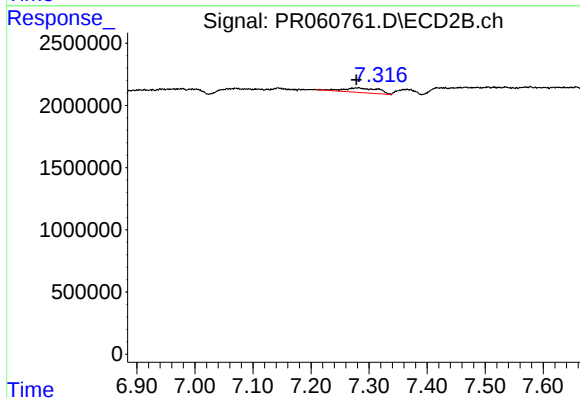
R.T.: 7.071 min
Delta R.T.: 0.011 min
Response: 1263650
Conc: 1.89 ng/ml



#43 AR-1268-3

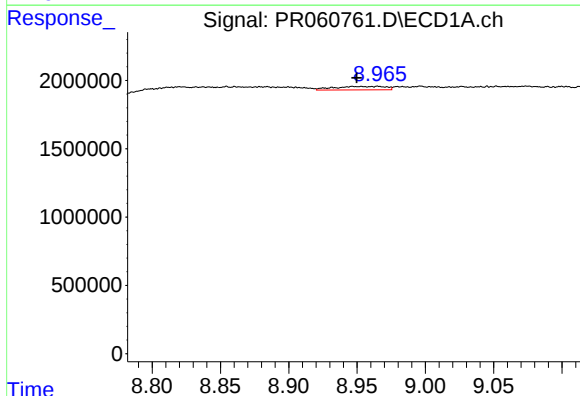
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



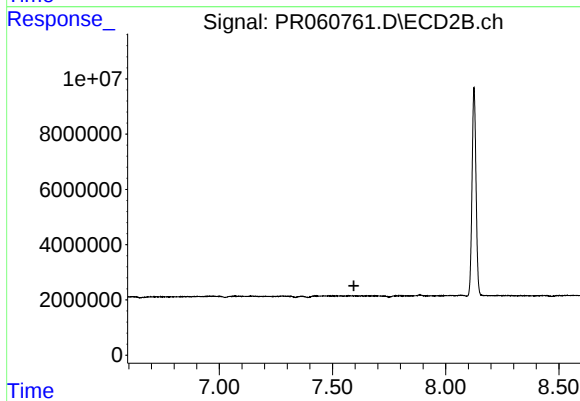
#43 AR-1268-3

R.T.: 7.281 min
Delta R.T.: 0.002 min
Response: 1538362
Conc: 2.71 ng/ml



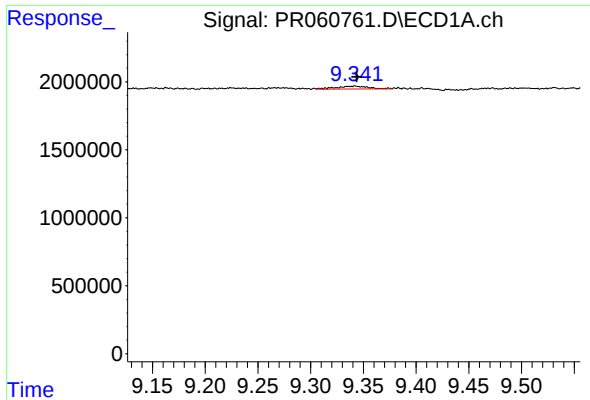
#44 AR-1268-4

R.T.: 8.965 min
Delta R.T.: 0.016 min
Response: 661802
Conc: 4.61 ng/ml



#44 AR-1268-4

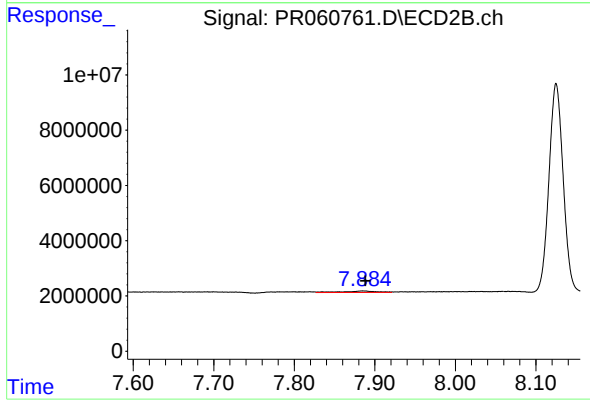
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.001 min
Response: 449153
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 1489939
Conc: 0.79 ng/ml