

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 05:16
 Operator : AJ\MA
 Sample : 02213-02
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:12:43 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	67067824	87449361	21.968	20.548
2)	SA Decachlor...	9.658	8.125	78895049	111.6E6	27.812	25.678
Target Compounds							
3)	L1 AR-1016-1	4.924	4.010	432994	156244	3.911	1.057 #
4)	L1 AR-1016-2	4.946	4.039	237242	287342	1.524	1.355
5)	L1 AR-1016-3	5.017	0.000	288523	0	2.957	N.D. #
6)	L1 AR-1016-4	0.000	4.285f	0	136971	N.D.	1.602 #
8)	L2 AR-1221-1	3.896f	3.102f	429977	373379	10.853	7.862 #
9)	L2 AR-1221-2	4.002	3.200	942524	1370183	32.461	38.625
10)	L2 AR-1221-3	0.000	3.275	0	214163	N.D.	1.892 #
11)	L3 AR-1232-1	0.000	3.275	0	214163	N.D.	2.296 #
12)	L3 AR-1232-2	0.000	4.039	0	287342	N.D.	3.142 #
13)	L3 AR-1232-3	4.946	0.000	237242	0	3.367	N.D. #
14)	L3 AR-1232-4	0.000	4.285	0	136971	N.D.	3.355 #
15)	L3 AR-1232-5	5.221	0.000	125244	0	4.779	N.D. #
16)	L4 AR-1242-1	4.924	4.010	432994	156244	4.907	1.345 #
17)	L4 AR-1242-2	4.946	4.039	237242	287342	1.912	1.723
18)	L4 AR-1242-3	5.017	0.000	288523	0	3.693	N.D. #
19)	L4 AR-1242-4	0.000	4.285	0	136971	N.D.	1.693 #
20)	L4 AR-1242-5	5.905	4.840	638241	155544	9.218	1.444 #
21)	L5 AR-1248-1	4.924	4.010	432994	156244	6.516	1.817 #
22)	L5 AR-1248-2	5.221	4.285f	125244	136971	1.411	1.139
23)	L5 AR-1248-3	0.000	4.285	0	136971	N.D.	1.124 #
24)	L5 AR-1248-4	5.864	0.000	81493	0	0.678	N.D. #
25)	L5 AR-1248-5	5.905	4.863f	638241	457178	5.391	2.974 #
26)	L6 AR-1254-1	5.841	4.840	405532	155544	3.367	0.643 #
27)	L6 AR-1254-2	6.067	0.000	417601	0	2.190	N.D. #
28)	L6 AR-1254-3	6.461	5.417	575524	328325	2.805	0.943 #
29)	L6 AR-1254-4	6.813f	5.686f	1075448	691217	6.908	3.135 #
30)	L6 AR-1254-5	7.231	6.105	488824	239012	2.905	0.746 #
31)	L7 AR-1260-1	0.000	5.548	0	1680025	N.D.	6.854 #
32)	L7 AR-1260-2	6.924f	5.787f	996936	660559	5.166	2.125 #
33)	L7 AR-1260-3	7.329	5.922	4991981	880222	35.069	3.135 #
34)	L7 AR-1260-4	7.597f	6.418	6974681	8823219	42.662	36.655
35)	L7 AR-1260-5	7.914	6.685	2536330	3573049	8.020	6.137
36)	L8 AR-1262-1	7.329	6.147	4991981	6152293	26.411	19.504 #
37)	L8 AR-1262-2	7.914	6.418	2536330	8823219	7.528	30.618 #
38)	L8 AR-1262-3	8.221	6.989	25058416	35938035	108.819	158.681 #
39)	L8 AR-1262-4	8.313	7.058	22748281	32503210	129.262	75.586 #
40)	L8 AR-1262-5	8.946	7.593	10172381	11411550	81.200	56.992 #
41)	L9 AR-1268-1	8.221	6.989	25058416	35938035	60.625	48.768
42)	L9 AR-1268-2	8.313	7.058	22748281	32503210	60.479	48.612

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 Acq On : 08 Apr 2023 05:16
 Operator : AJ\MA
 Sample : 02213-02
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 58 Sample Multiplier: 1

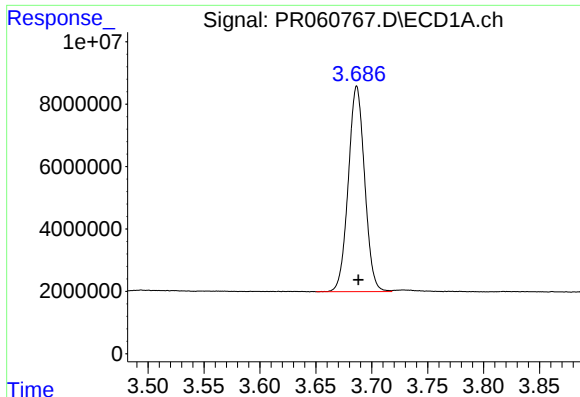
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:12:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
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 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	8.535	7.277	19123818	29725361	59.639	52.299
44) L9	AR-1268-4	8.946	7.593	10172381	11411550	70.790	48.936 #
45) L9	AR-1268-5	9.340	7.886	60227144	88531670	56.991	47.080

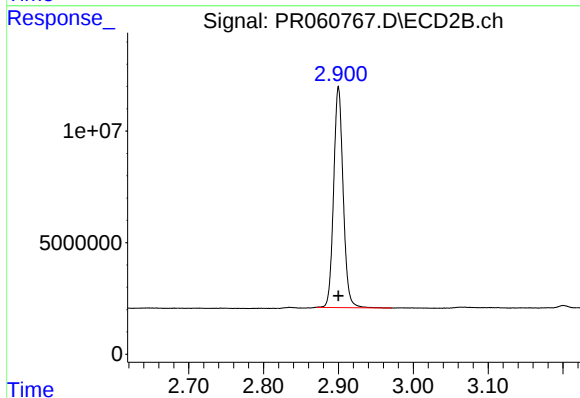
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

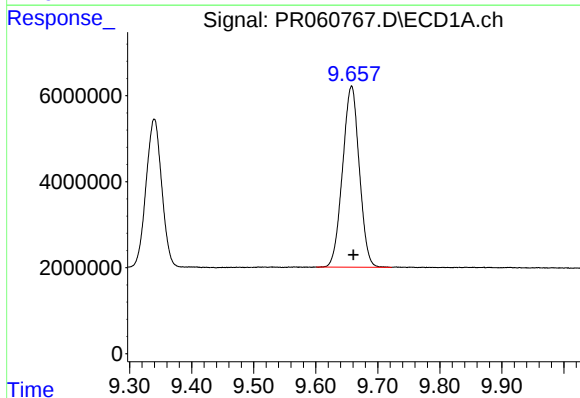
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 67067824
Conc: 21.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



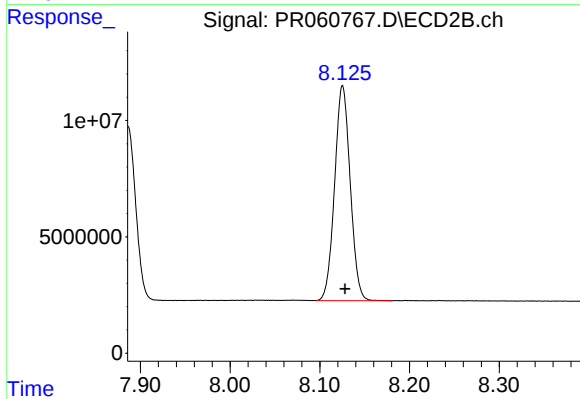
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 87449361
Conc: 20.55 ng/ml



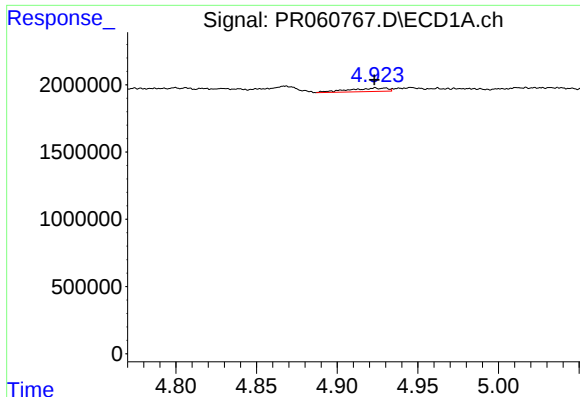
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.003 min
Response: 78895049
Conc: 27.81 ng/ml



#2 Decachlorobiphenyl

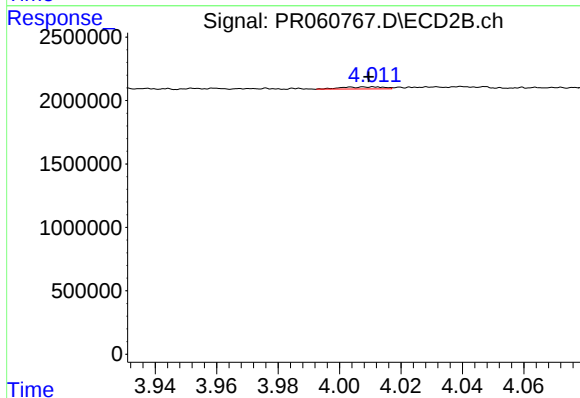
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 111629465
Conc: 25.68 ng/ml



#3 AR-1016-1

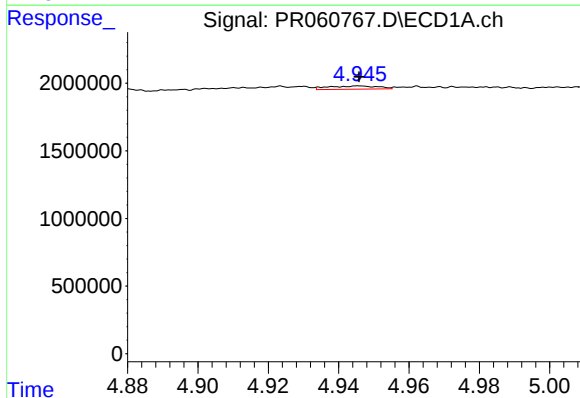
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 432994
Conc: 3.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



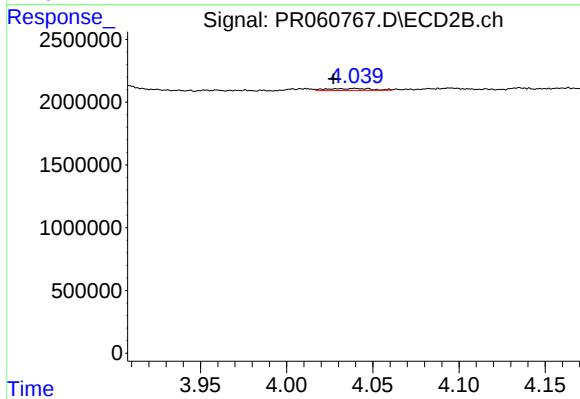
#3 AR-1016-1

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 156244
Conc: 1.06 ng/ml



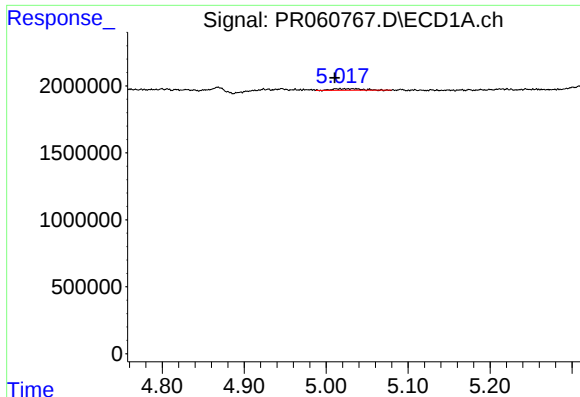
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 237242
Conc: 1.52 ng/ml



#4 AR-1016-2

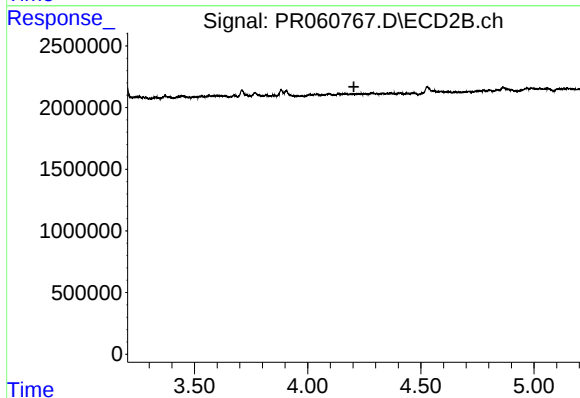
R.T.: 4.039 min
Delta R.T.: 0.012 min
Response: 287342
Conc: 1.35 ng/ml



#5 AR-1016-3

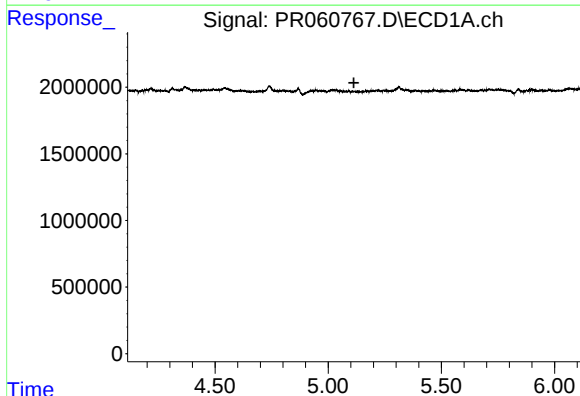
R.T.: 5.017 min
Delta R.T.: 0.006 min
Response: 288523
Conc: 2.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



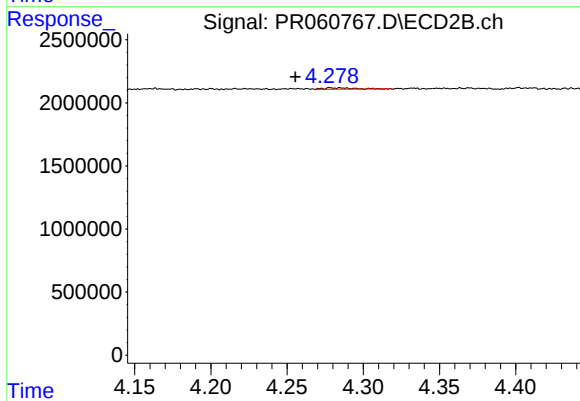
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



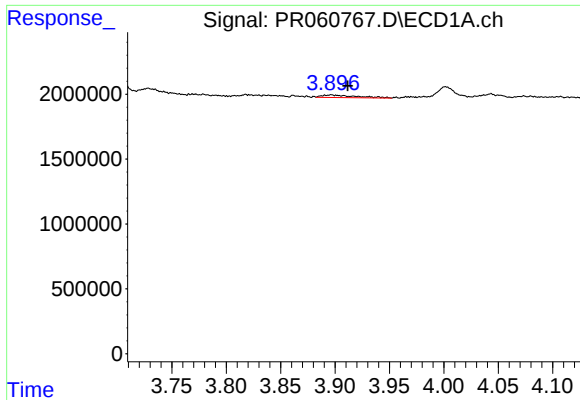
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#6 AR-1016-4

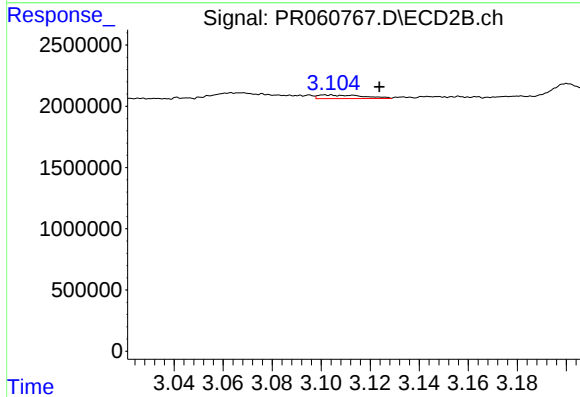
R.T.: 4.285 min
Delta R.T.: 0.029 min
Response: 136971
Conc: 1.60 ng/ml



#8 AR-1221-1

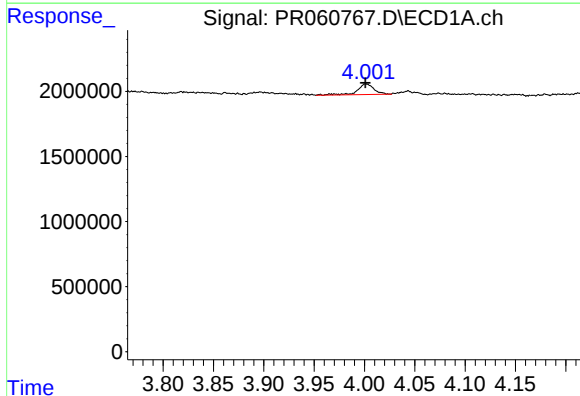
R.T.: 3.896 min
Delta R.T.: -0.015 min
Response: 429977
Conc: 10.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



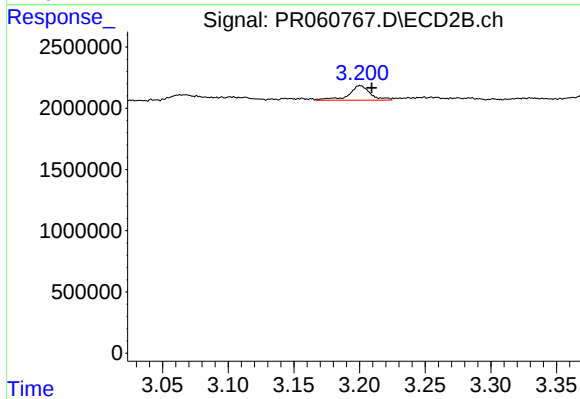
#8 AR-1221-1

R.T.: 3.102 min
Delta R.T.: -0.022 min
Response: 373379
Conc: 7.86 ng/ml



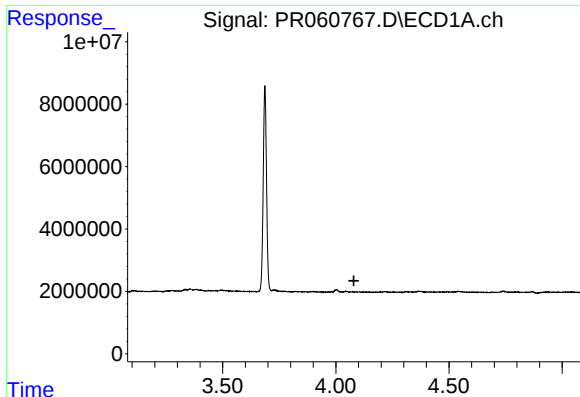
#9 AR-1221-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 942524
Conc: 32.46 ng/ml



#9 AR-1221-2

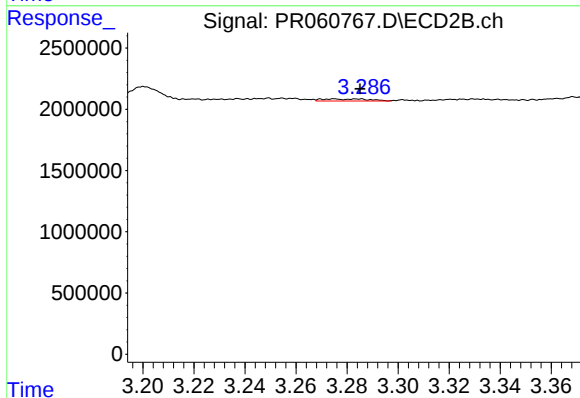
R.T.: 3.200 min
Delta R.T.: -0.009 min
Response: 1370183
Conc: 38.62 ng/ml



#10 AR-1221-3

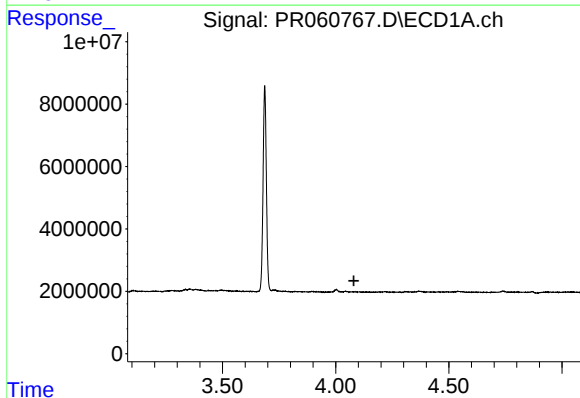
R.T.: 0.000 min
Exp R.T. : 4.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



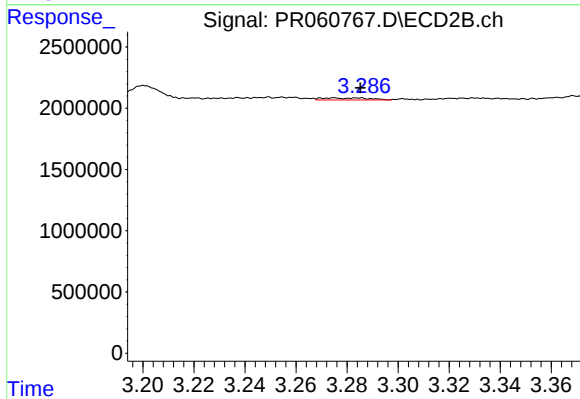
#10 AR-1221-3

R.T.: 3.275 min
Delta R.T.: -0.010 min
Response: 214163
Conc: 1.89 ng/ml



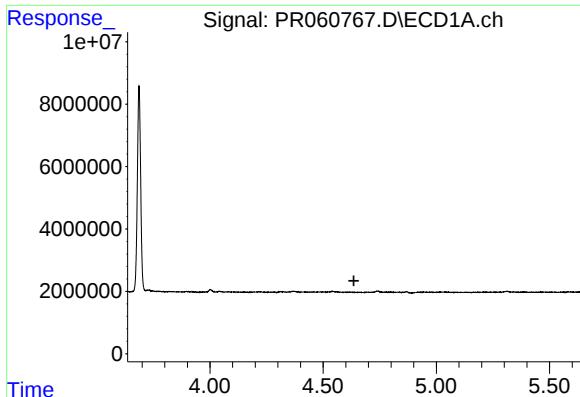
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.080 min
Response: 0
Conc: N.D.



#11 AR-1232-1

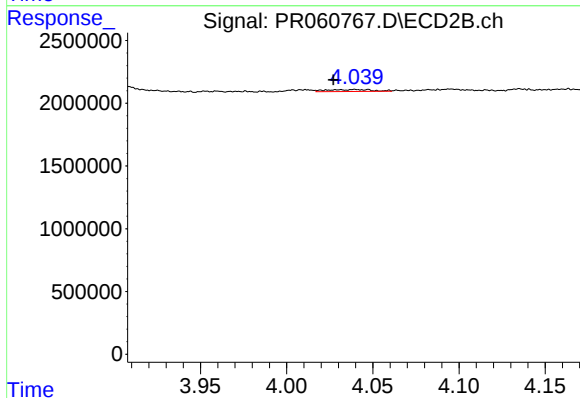
R.T.: 3.275 min
Delta R.T.: -0.010 min
Response: 214163
Conc: 2.30 ng/ml



#12 AR-1232-2

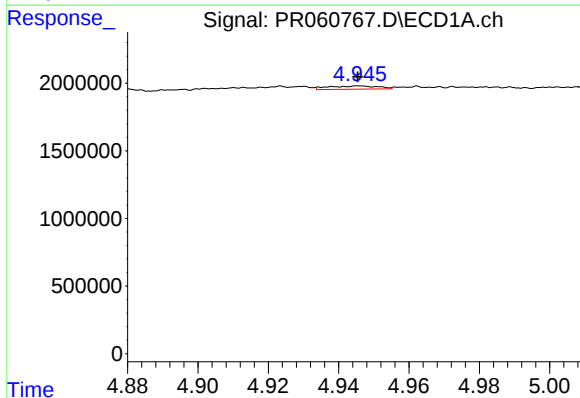
R.T.: 0.000 min
Exp R.T.: 4.636 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



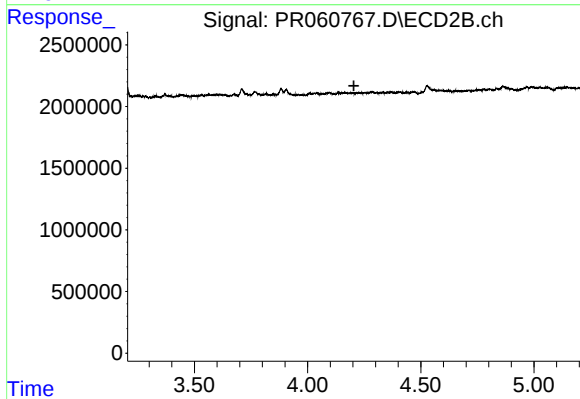
#12 AR-1232-2

R.T.: 4.039 min
Delta R.T.: 0.012 min
Response: 287342
Conc: 3.14 ng/ml



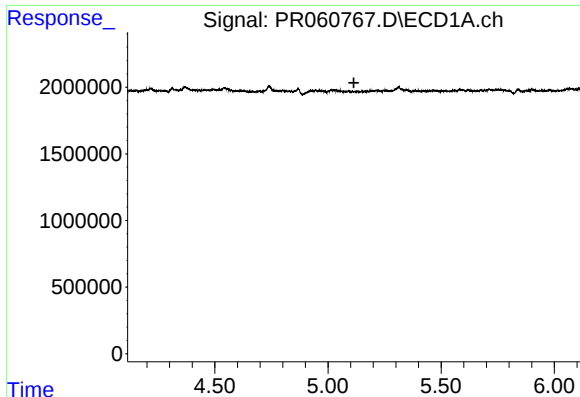
#13 AR-1232-3

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 237242
Conc: 3.37 ng/ml



#13 AR-1232-3

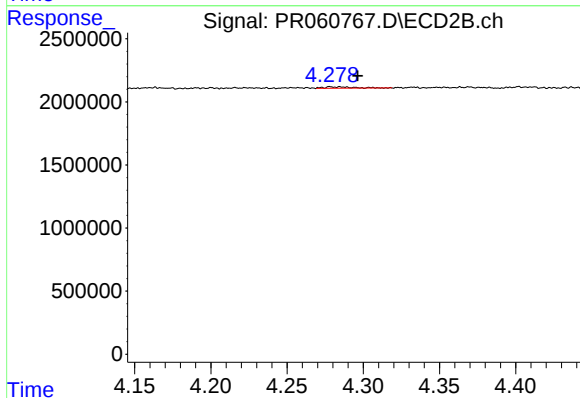
R.T.: 0.000 min
Exp R.T.: 4.205 min
Response: 0
Conc: N.D.



#14 AR-1232-4

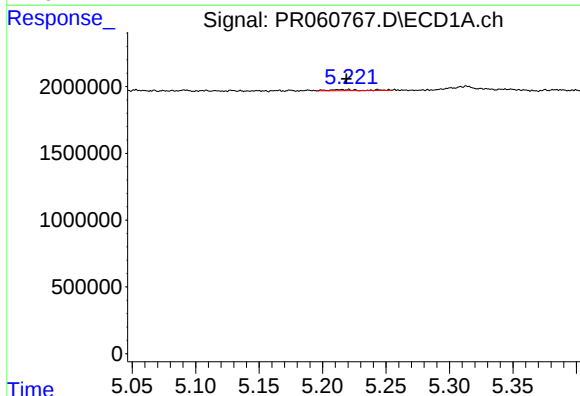
R.T.: 0.000 min
Exp R.T.: 5.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



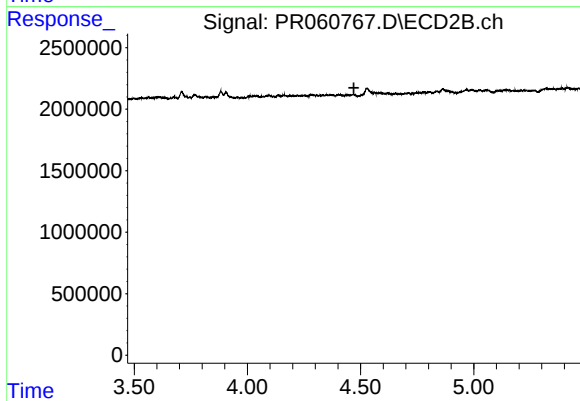
#14 AR-1232-4

R.T.: 4.285 min
Delta R.T.: -0.012 min
Response: 136971
Conc: 3.36 ng/ml



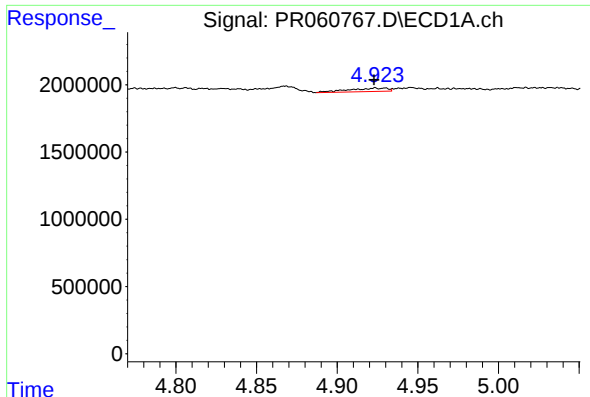
#15 AR-1232-5

R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 125244
Conc: 4.78 ng/ml



#15 AR-1232-5

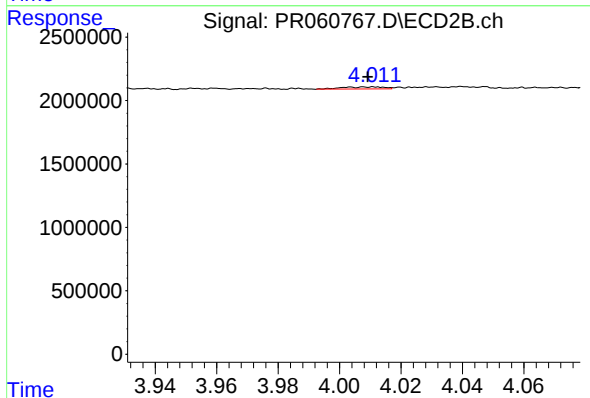
R.T.: 0.000 min
Exp R.T.: 4.471 min
Response: 0
Conc: N.D.



#16 AR-1242-1

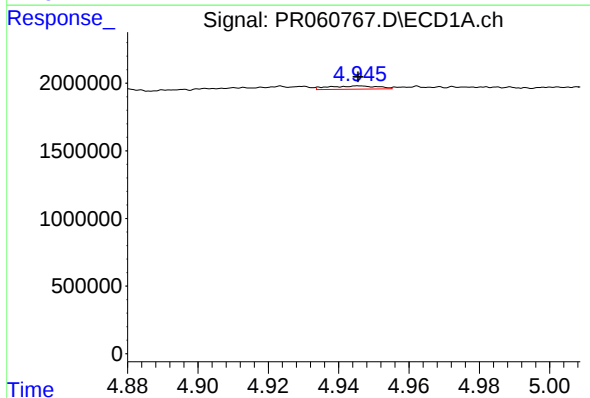
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 432994
Conc: 4.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



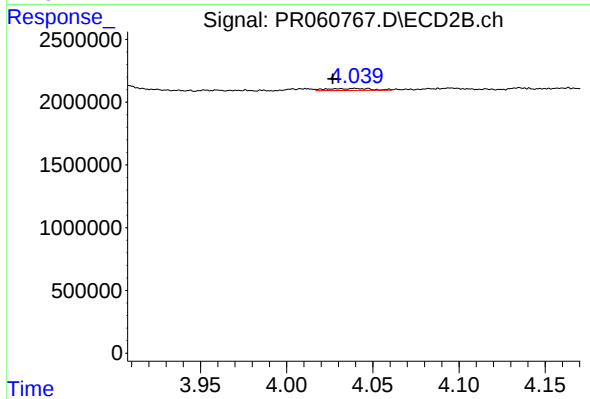
#16 AR-1242-1

R.T.: 4.010 min
Delta R.T.: 0.001 min
Response: 156244
Conc: 1.35 ng/ml



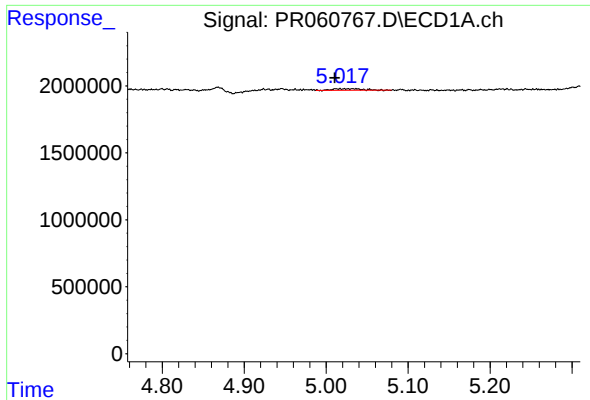
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 237242
Conc: 1.91 ng/ml



#17 AR-1242-2

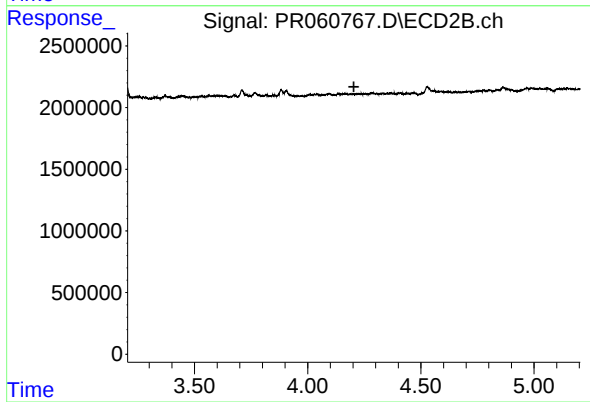
R.T.: 4.039 min
Delta R.T.: 0.013 min
Response: 287342
Conc: 1.72 ng/ml



#18 AR-1242-3

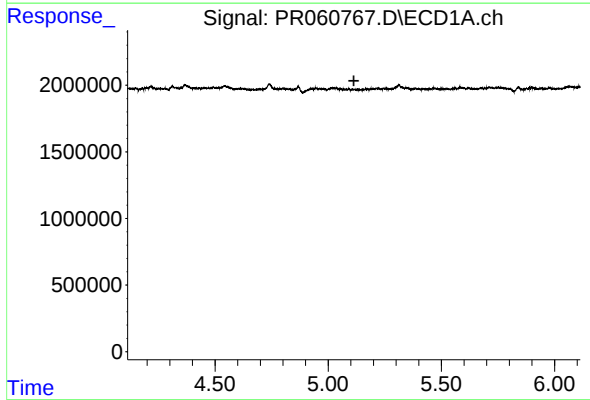
R.T.: 5.017 min
Delta R.T.: 0.006 min
Response: 288523
Conc: 3.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



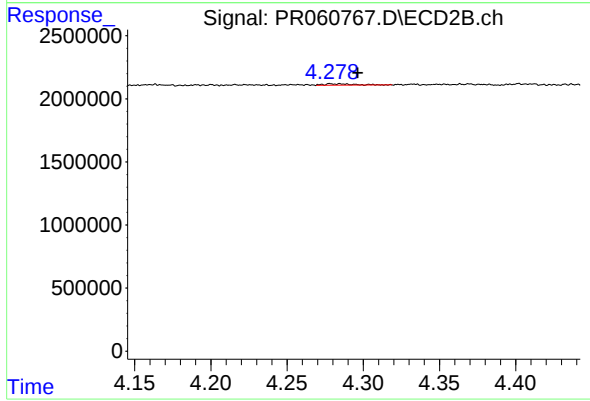
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



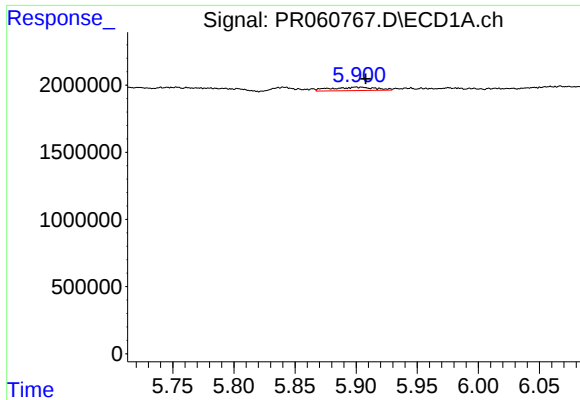
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#19 AR-1242-4

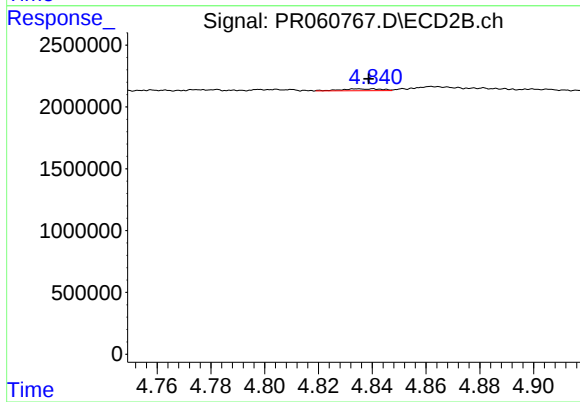
R.T.: 4.285 min
Delta R.T.: -0.012 min
Response: 136971
Conc: 1.69 ng/ml



#20 AR-1242-5

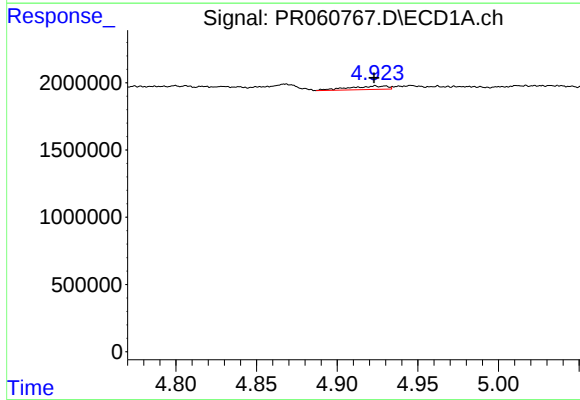
R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 638241
Conc: 9.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



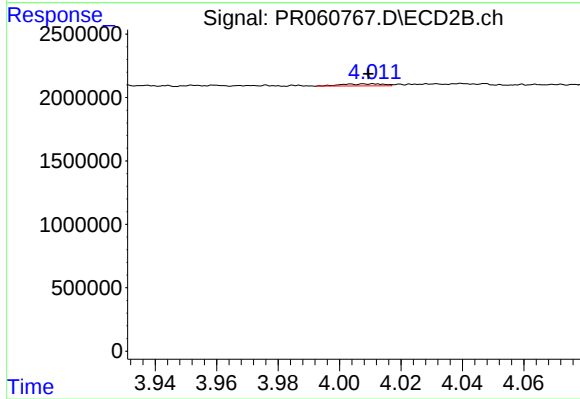
#20 AR-1242-5

R.T.: 4.840 min
Delta R.T.: 0.002 min
Response: 155544
Conc: 1.44 ng/ml



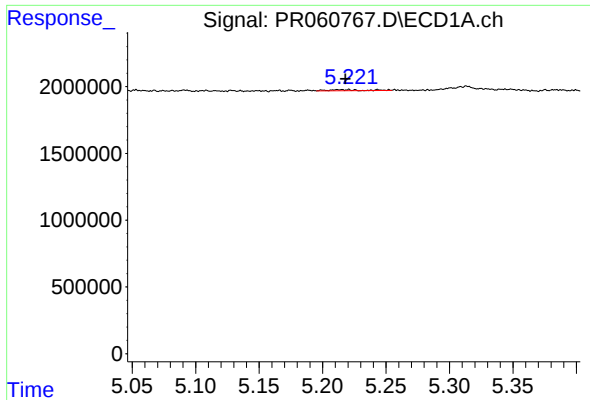
#21 AR-1248-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 432994
Conc: 6.52 ng/ml



#21 AR-1248-1

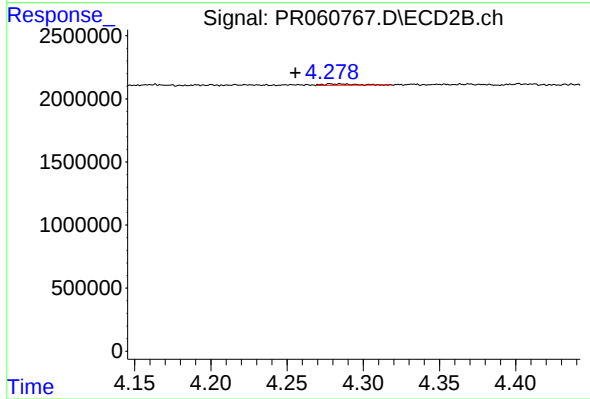
R.T.: 4.010 min
Delta R.T.: 0.001 min
Response: 156244
Conc: 1.82 ng/ml



#22 AR-1248-2

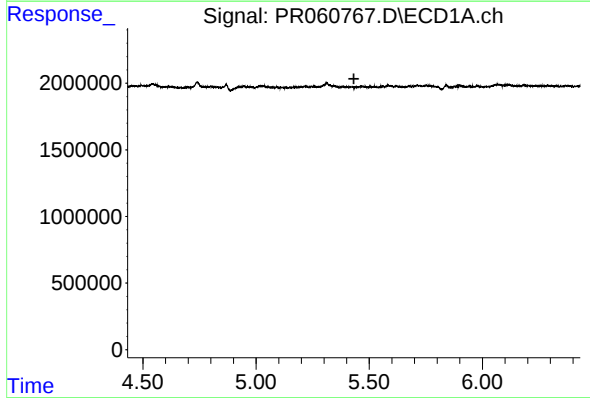
R.T.: 5.221 min
Delta R.T.: 0.003 min
Response: 125244
Conc: 1.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



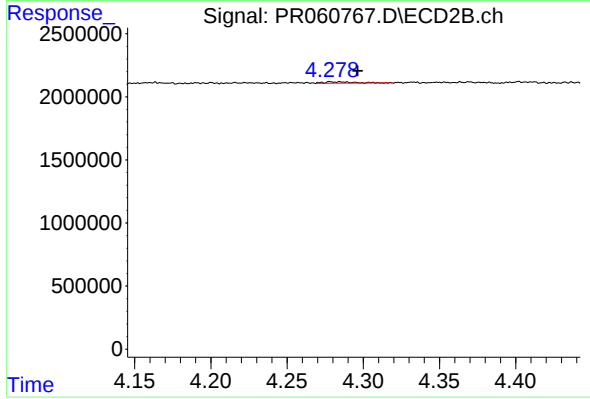
#22 AR-1248-2

R.T.: 4.285 min
Delta R.T.: 0.029 min
Response: 136971
Conc: 1.14 ng/ml



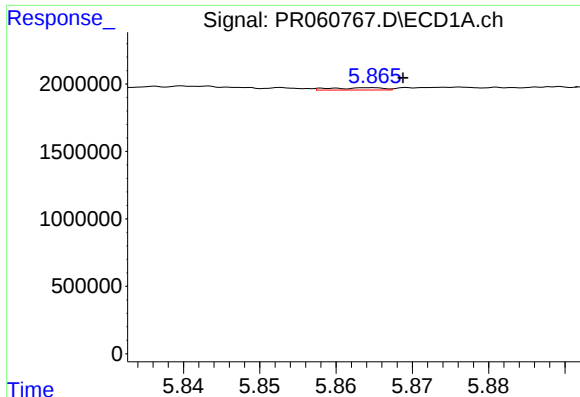
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.432 min
Response: 0
Conc: N.D.



#23 AR-1248-3

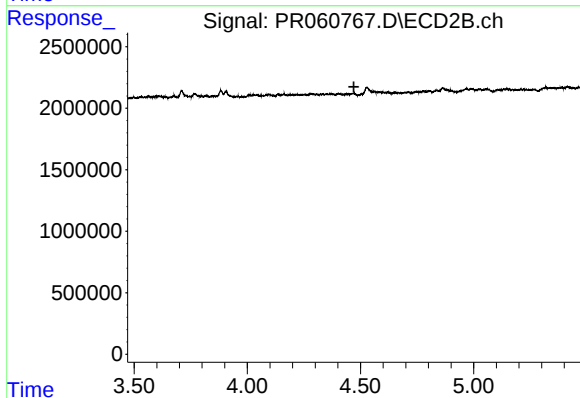
R.T.: 4.285 min
Delta R.T.: -0.012 min
Response: 136971
Conc: 1.12 ng/ml



#24 AR-1248-4

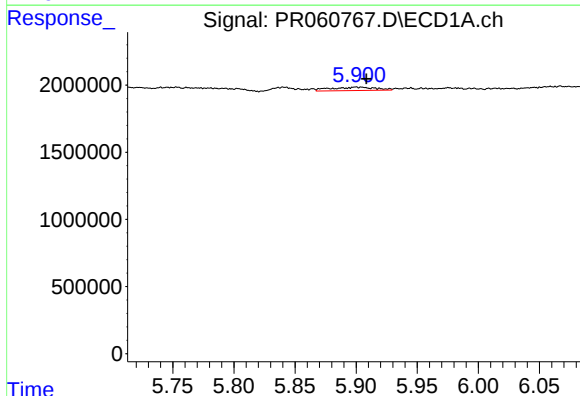
R.T.: 5.864 min
Delta R.T.: -0.004 min
Response: 81493
Conc: 0.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



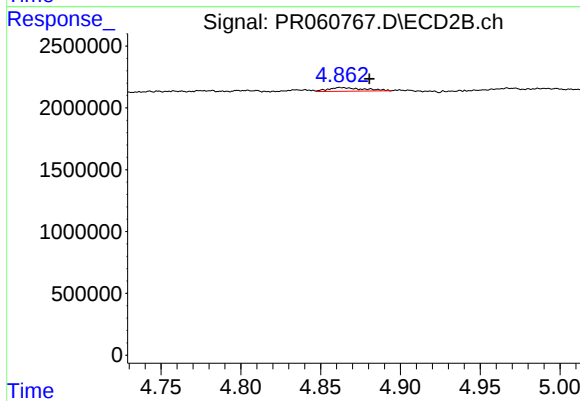
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.471 min
Response: 0
Conc: N.D.



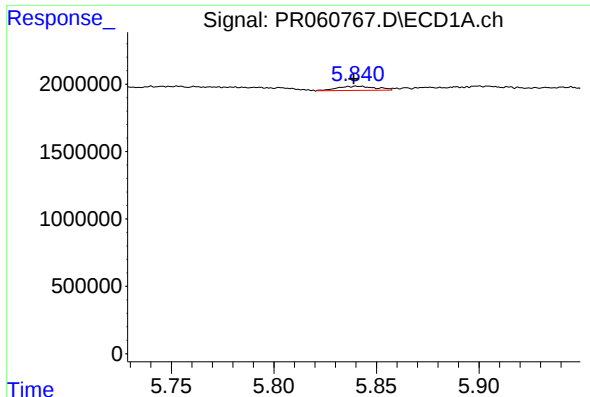
#25 AR-1248-5

R.T.: 5.905 min
Delta R.T.: -0.004 min
Response: 638241
Conc: 5.39 ng/ml



#25 AR-1248-5

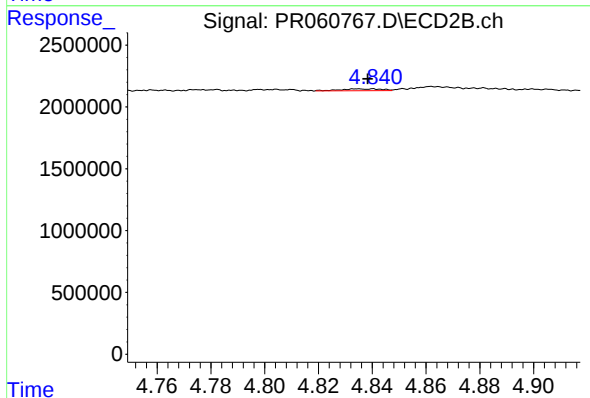
R.T.: 4.863 min
Delta R.T.: -0.018 min
Response: 457178
Conc: 2.97 ng/ml



#26 AR-1254-1

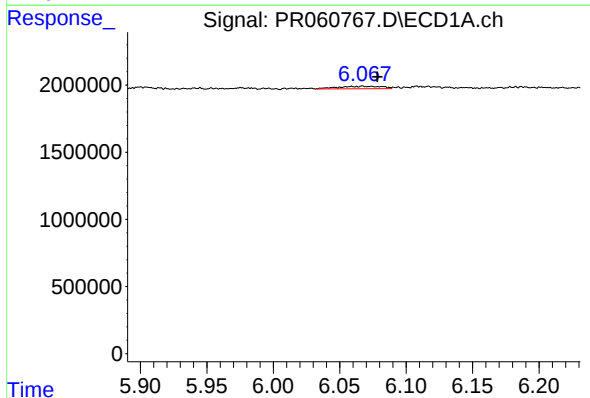
R.T.: 5.841 min
Delta R.T.: 0.002 min
Response: 405532
Conc: 3.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



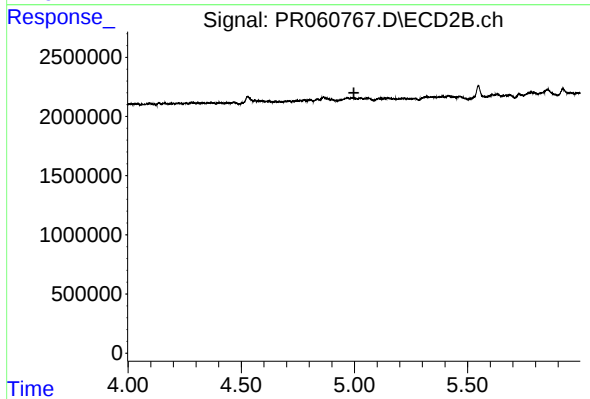
#26 AR-1254-1

R.T.: 4.840 min
Delta R.T.: 0.002 min
Response: 155544
Conc: 0.64 ng/ml



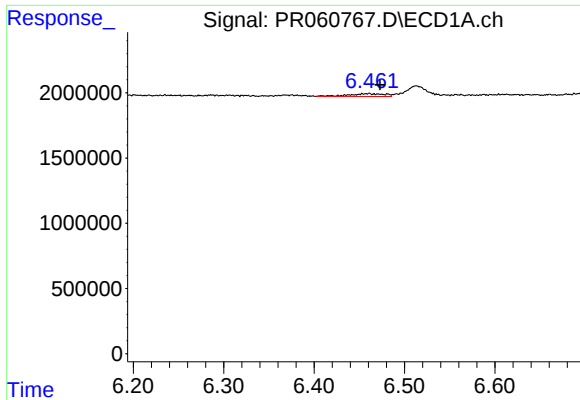
#27 AR-1254-2

R.T.: 6.067 min
Delta R.T.: -0.011 min
Response: 417601
Conc: 2.19 ng/ml



#27 AR-1254-2

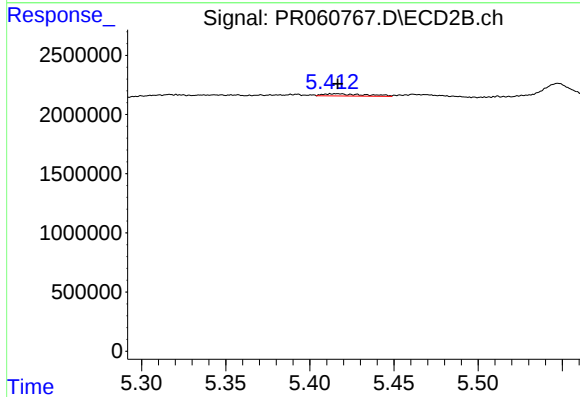
R.T.: 0.000 min
Exp R.T.: 4.997 min
Response: 0
Conc: N.D.



#28 AR-1254-3

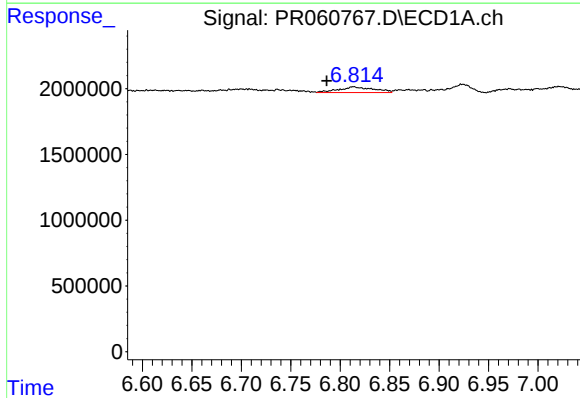
R.T.: 6.461 min
Delta R.T.: -0.012 min
Response: 575524
Conc: 2.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



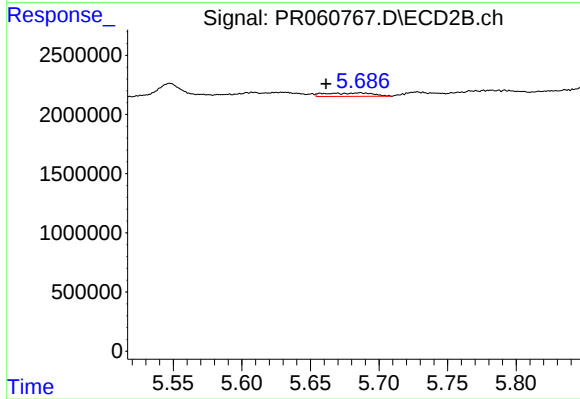
#28 AR-1254-3

R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 328325
Conc: 0.94 ng/ml



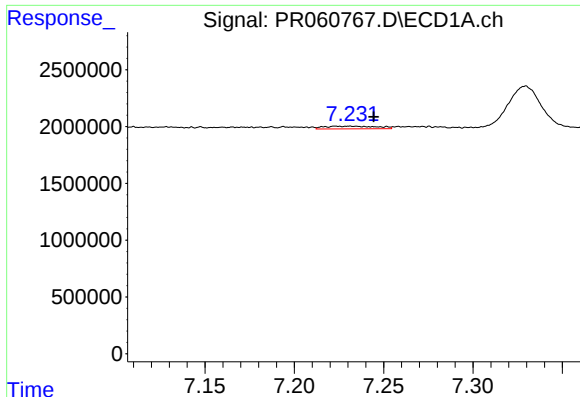
#29 AR-1254-4

R.T.: 6.813 min
Delta R.T.: 0.027 min
Response: 1075448
Conc: 6.91 ng/ml



#29 AR-1254-4

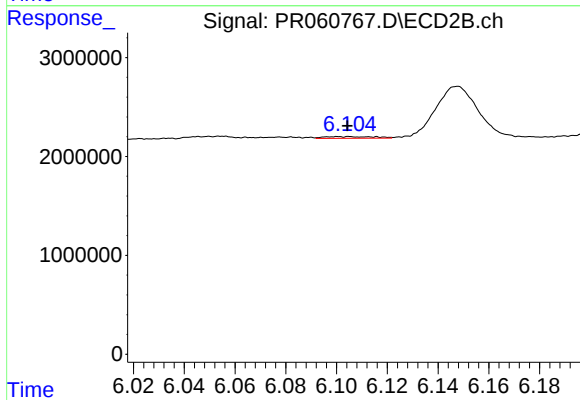
R.T.: 5.686 min
Delta R.T.: 0.025 min
Response: 691217
Conc: 3.13 ng/ml



#30 AR-1254-5

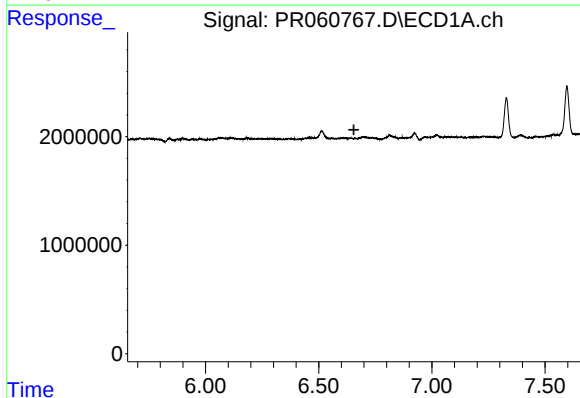
R.T.: 7.231 min
Delta R.T.: -0.013 min
Response: 488824
Conc: 2.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



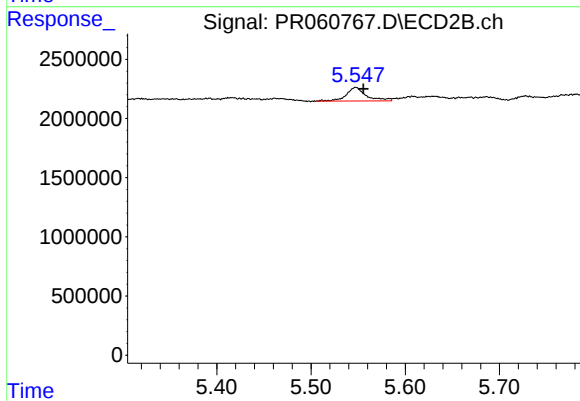
#30 AR-1254-5

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 239012
Conc: 0.75 ng/ml



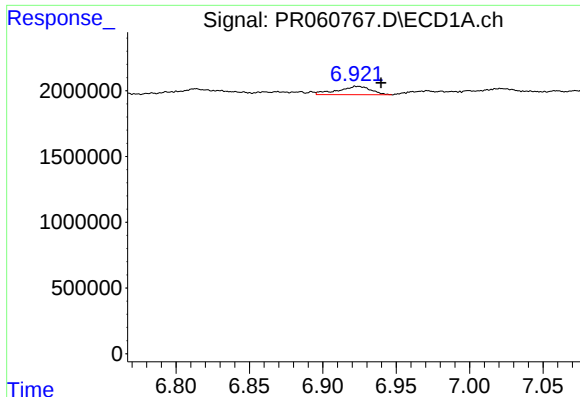
#31 AR-1260-1

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



#31 AR-1260-1

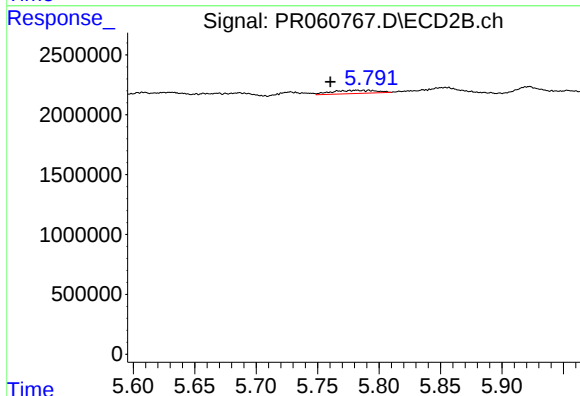
R.T.: 5.548 min
Delta R.T.: -0.008 min
Response: 1680025
Conc: 6.85 ng/ml



#32 AR-1260-2

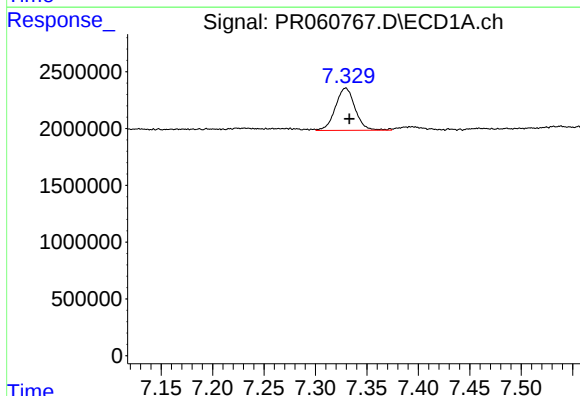
R.T.: 6.924 min
Delta R.T.: -0.016 min
Response: 996936
Conc: 5.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



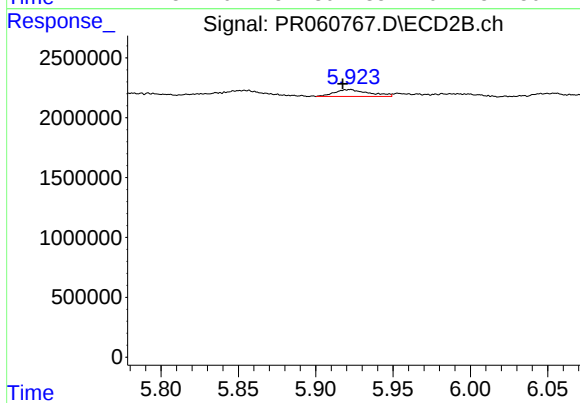
#32 AR-1260-2

R.T.: 5.787 min
Delta R.T.: 0.026 min
Response: 660559
Conc: 2.13 ng/ml



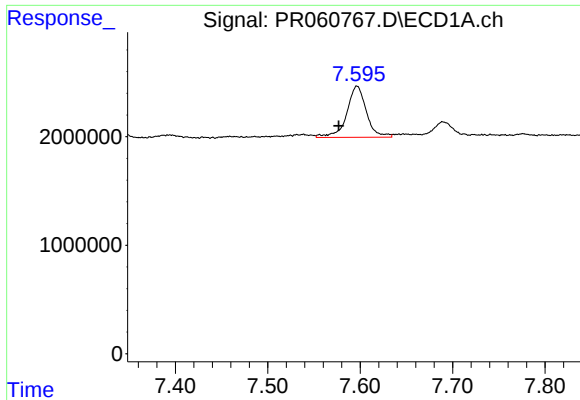
#33 AR-1260-3

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 4991981
Conc: 35.07 ng/ml



#33 AR-1260-3

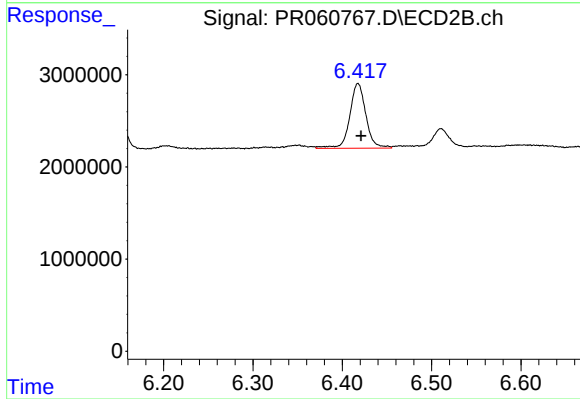
R.T.: 5.922 min
Delta R.T.: 0.005 min
Response: 880222
Conc: 3.14 ng/ml



#34 AR-1260-4

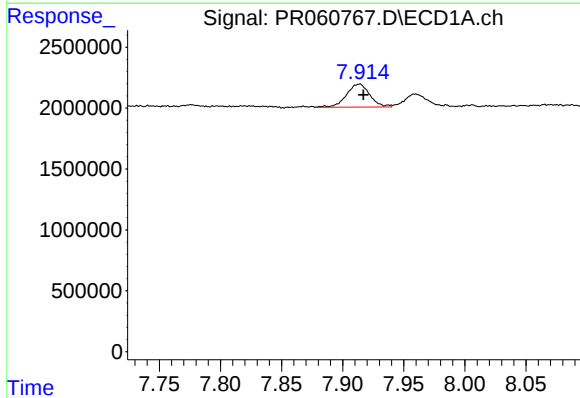
R.T.: 7.597 min
Delta R.T.: 0.020 min
Response: 6974681
Conc: 42.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



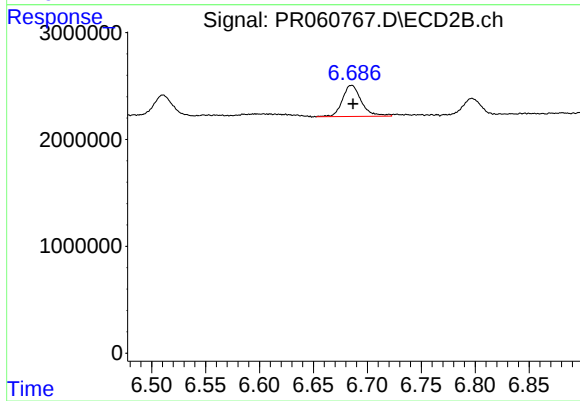
#34 AR-1260-4

R.T.: 6.418 min
Delta R.T.: -0.003 min
Response: 8823219
Conc: 36.66 ng/ml



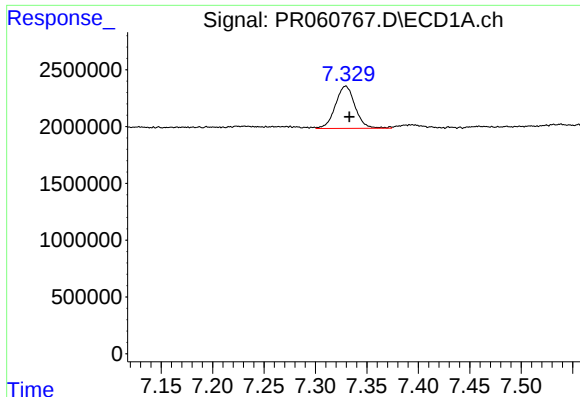
#35 AR-1260-5

R.T.: 7.914 min
Delta R.T.: -0.003 min
Response: 2536330
Conc: 8.02 ng/ml



#35 AR-1260-5

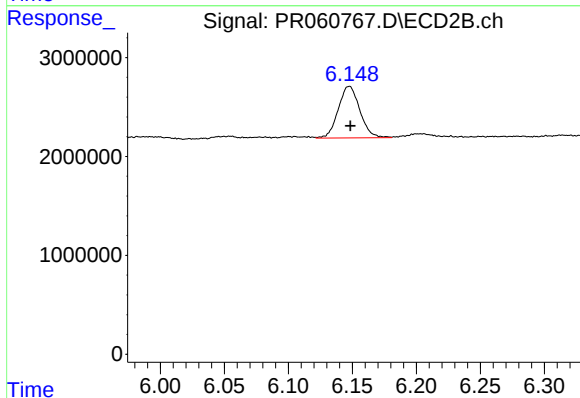
R.T.: 6.685 min
Delta R.T.: -0.002 min
Response: 3573049
Conc: 6.14 ng/ml



#36 AR-1262-1

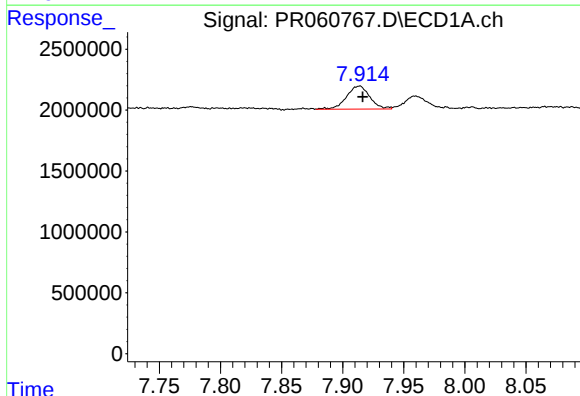
R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 4991981
Conc: 26.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



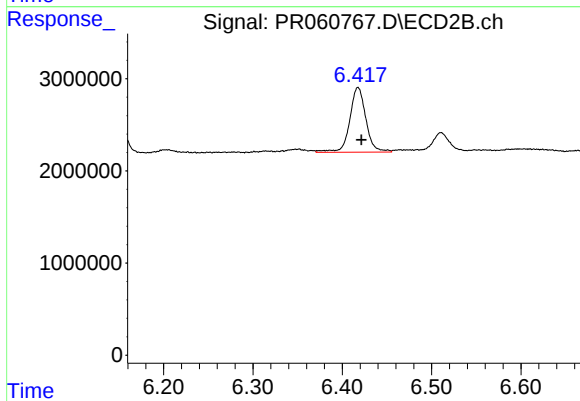
#36 AR-1262-1

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 6152293
Conc: 19.50 ng/ml



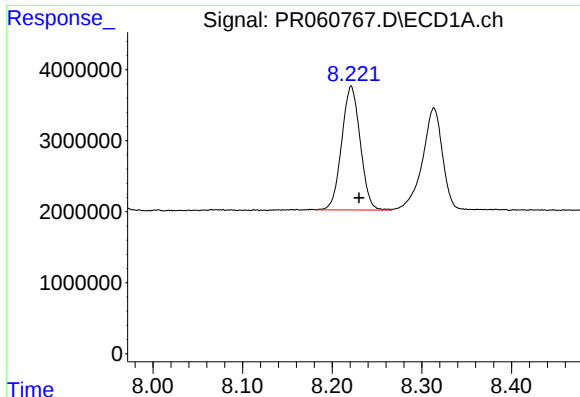
#37 AR-1262-2

R.T.: 7.914 min
Delta R.T.: -0.003 min
Response: 2536330
Conc: 7.53 ng/ml



#37 AR-1262-2

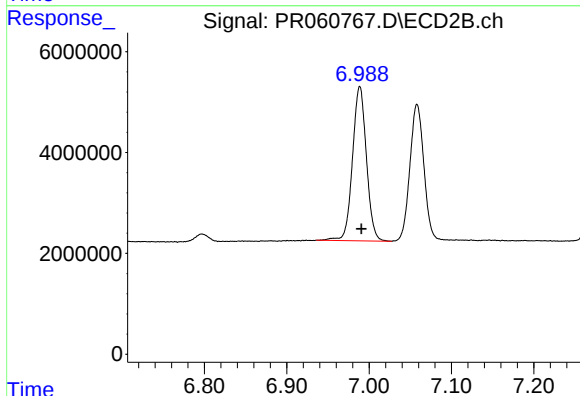
R.T.: 6.418 min
Delta R.T.: -0.004 min
Response: 8823219
Conc: 30.62 ng/ml



#38 AR-1262-3

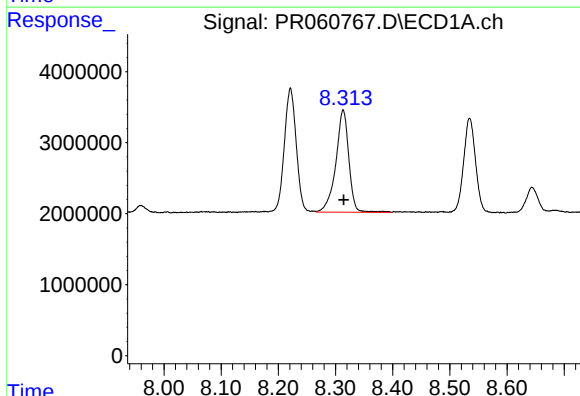
R.T.: 8.221 min
Delta R.T.: -0.009 min
Response: 25058416
Conc: 108.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



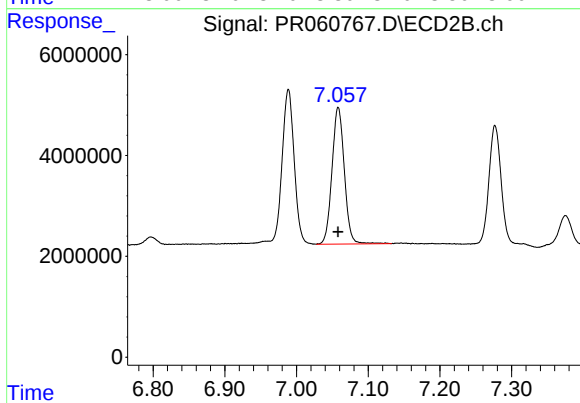
#38 AR-1262-3

R.T.: 6.989 min
Delta R.T.: -0.002 min
Response: 35938035
Conc: 158.68 ng/ml



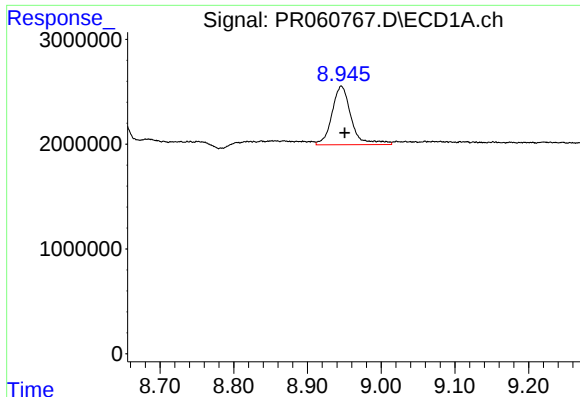
#39 AR-1262-4

R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 22748281
Conc: 129.26 ng/ml



#39 AR-1262-4

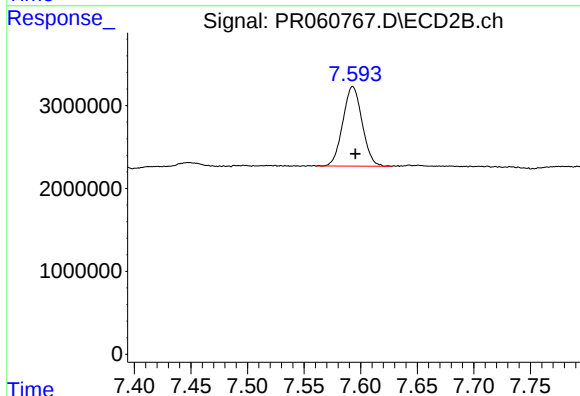
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 32503210
Conc: 75.59 ng/ml



#40 AR-1262-5

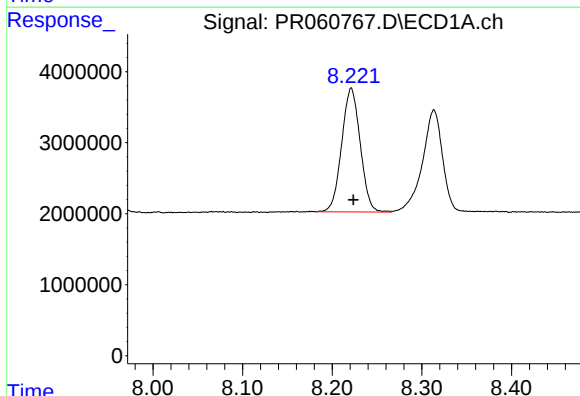
R.T.: 8.946 min
Delta R.T.: -0.004 min
Response: 10172381
Conc: 81.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



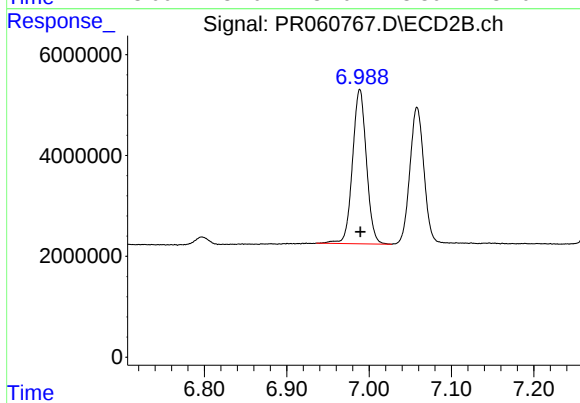
#40 AR-1262-5

R.T.: 7.593 min
Delta R.T.: -0.002 min
Response: 11411550
Conc: 56.99 ng/ml



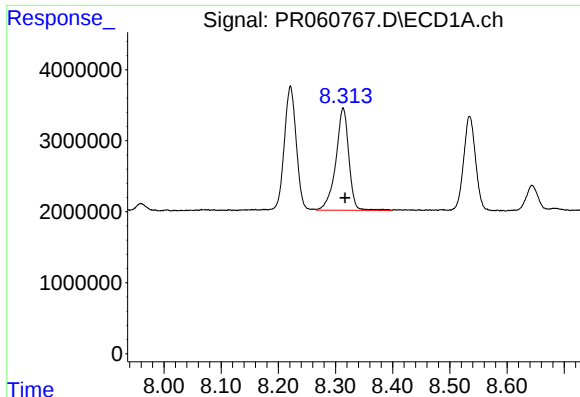
#41 AR-1268-1

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 25058416
Conc: 60.62 ng/ml



#41 AR-1268-1

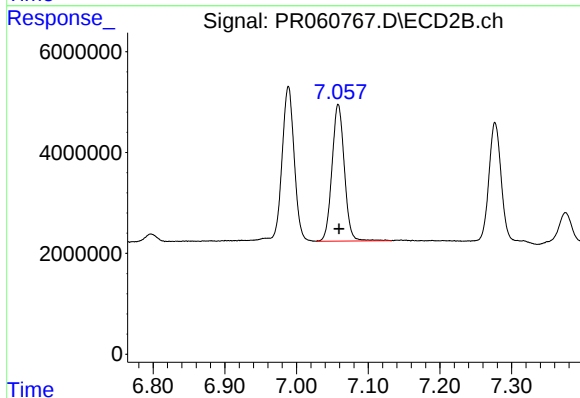
R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 35938035
Conc: 48.77 ng/ml



#42 AR-1268-2

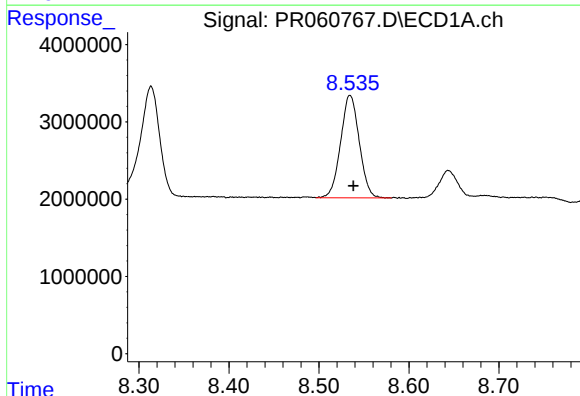
R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 22748281
Conc: 60.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



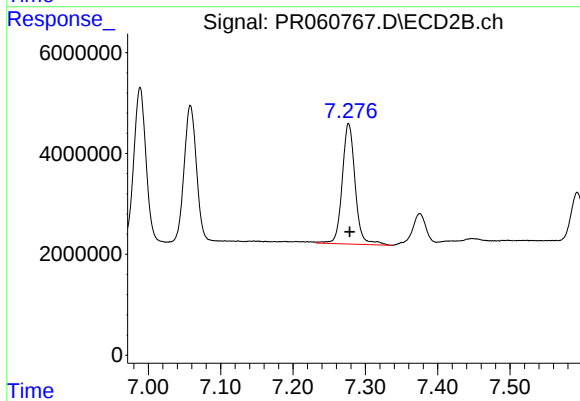
#42 AR-1268-2

R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 32503210
Conc: 48.61 ng/ml



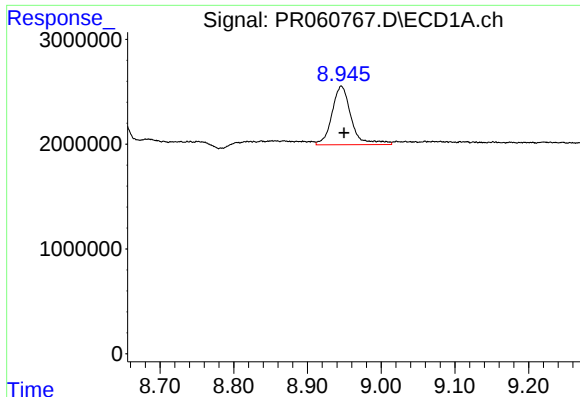
#43 AR-1268-3

R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 19123818
Conc: 59.64 ng/ml



#43 AR-1268-3

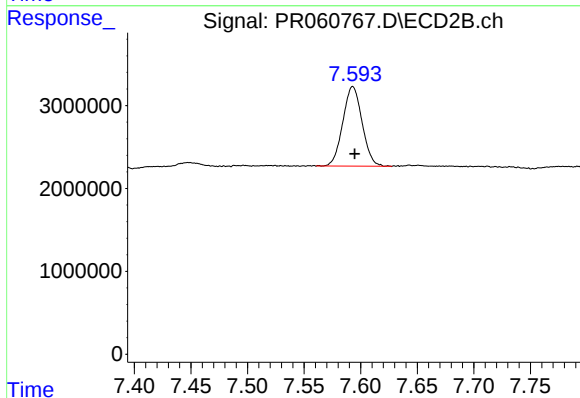
R.T.: 7.277 min
Delta R.T.: -0.001 min
Response: 29725361
Conc: 52.30 ng/ml



#44 AR-1268-4

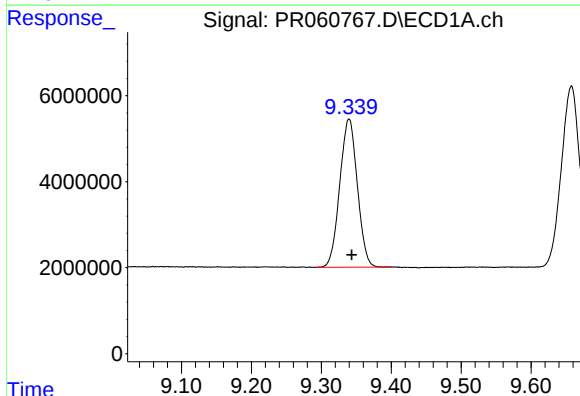
R.T.: 8.946 min
Delta R.T.: -0.004 min
Response: 10172381
Conc: 70.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



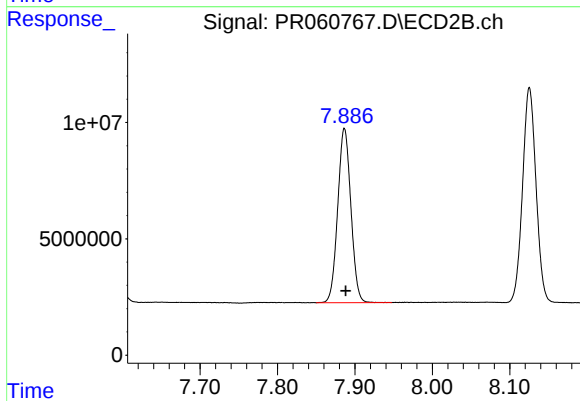
#44 AR-1268-4

R.T.: 7.593 min
Delta R.T.: -0.002 min
Response: 11411550
Conc: 48.94 ng/ml



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.004 min
Response: 60227144
Conc: 56.99 ng/ml



#45 AR-1268-5

R.T.: 7.886 min
Delta R.T.: -0.002 min
Response: 88531670
Conc: 47.08 ng/ml