

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102921\
 Data File : PR052384.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 12:40
 Operator : AJ\MA
 Sample : M4364-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:32:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 16 08:36:17 2021
 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...	4.689	3.857	80264783	61866750	20.433	21.661
2)	SA Decachlor...	10.628	8.871	121.7E6	118.8E6	34.642	34.947
Target Compounds							
3)	L1 AR-1016-1	5.869	0.000	205002	0	1.688	N.D. #
4)	L1 AR-1016-2	5.929	0.000	1597350	0	9.230	N.D. #
5)	L1 AR-1016-3	5.929f	5.154	1597350	501665	14.837	7.052 #
6)	L1 AR-1016-4	6.082	5.154	166921	501665	1.893	9.214 #
7)	L1 AR-1016-5	6.348	5.411	78274	2779696	0.884	38.363 #
8)	L2 AR-1221-1	4.928	0.000	1986973	0	43.341	N.D. #
9)	L2 AR-1221-2	5.004	4.158	800268	870609	16.122	36.036 #
10)	L2 AR-1221-3	0.000	4.291f	0	1468446	N.D.	17.086 #
11)	L3 AR-1232-1	0.000	4.291f	0	1468446	N.D.	24.760 #
12)	L3 AR-1232-2	5.593	0.000	2491173	0	61.787	N.D. #
13)	L3 AR-1232-3	5.929	5.154	1597350	501665	21.378	16.778
14)	L3 AR-1232-4	6.082	5.283f	166921	54657	4.457	2.117 #
15)	L3 AR-1232-5	6.181	5.411	3020473	2779696	97.878	97.421
16)	L4 AR-1242-1	5.869	0.000	205002	0	2.059	N.D. #
17)	L4 AR-1242-2	5.929	0.000	1597350	0	11.354	N.D. #
18)	L4 AR-1242-3	5.929f	5.154	1597350	501665	18.160	8.819 #
19)	L4 AR-1242-4	6.082	5.283f	166921	54657	2.341	1.014 #
20)	L4 AR-1242-5	0.000	5.728	0	48349	N.D.	0.704 #
21)	L5 AR-1248-1	5.869	0.000	205002	0	2.808	N.D. #
22)	L5 AR-1248-2	6.181	5.154	3020473	501665	28.171	6.862 #
23)	L5 AR-1248-3	6.348	5.283f	78274	54657	0.671	0.701
24)	L5 AR-1248-4	0.000	5.411	0	2779696	N.D.	29.563 #
25)	L5 AR-1248-5	0.000	5.728f	0	48349	N.D.	0.511 #
26)	L6 AR-1254-1	6.689f	5.728	45211	48349	0.340	0.333
27)	L6 AR-1254-2	6.976	5.886	163418	805102	0.791	6.418 #
28)	L6 AR-1254-3	7.339	6.293	357285	198436	1.704	0.934 #
29)	L6 AR-1254-4	7.639	0.000	6693515	0	42.538	N.D. #
30)	L6 AR-1254-5	7.998f	6.954	157976	199011	0.915	1.087
31)	L7 AR-1260-1	7.510	6.380f	321356	221013	2.150	1.732
32)	L7 AR-1260-2	7.810f	6.600	1520936	6054027	8.504	40.411 #
33)	L7 AR-1260-3	0.000	6.756	0	1144164	N.D.	7.715 #
34)	L7 AR-1260-4	8.304f	7.263f	184454	175130	1.115	1.443 #
35)	L7 AR-1260-5	8.709	0.000	225853	0	0.697	N.D. #
36)	L8 AR-1262-1	0.000	6.756	0	1144164	N.D.	9.058 #
37)	L8 AR-1262-2	8.709	0.000	225853	0	0.601	N.D. #
38)	L8 AR-1262-3	9.045	0.000	792656	0	4.682	N.D. #
39)	L8 AR-1262-4	9.045f	0.000	792656	0	6.697	N.D. #
40)	L8 AR-1262-5	9.814	8.323	382260	1457741	2.580	10.590 #
41)	L9 AR-1268-1	9.045	0.000	792656	0	1.784	N.D. #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.362	8.001	365044	1709608	1.042	5.021 #
44) L9	AR-1268-4	9.814	8.323	382260	1457741	2.347	9.770 #
45) L9	AR-1268-5	10.270	8.606	1540475	843857	1.351	0.714 #

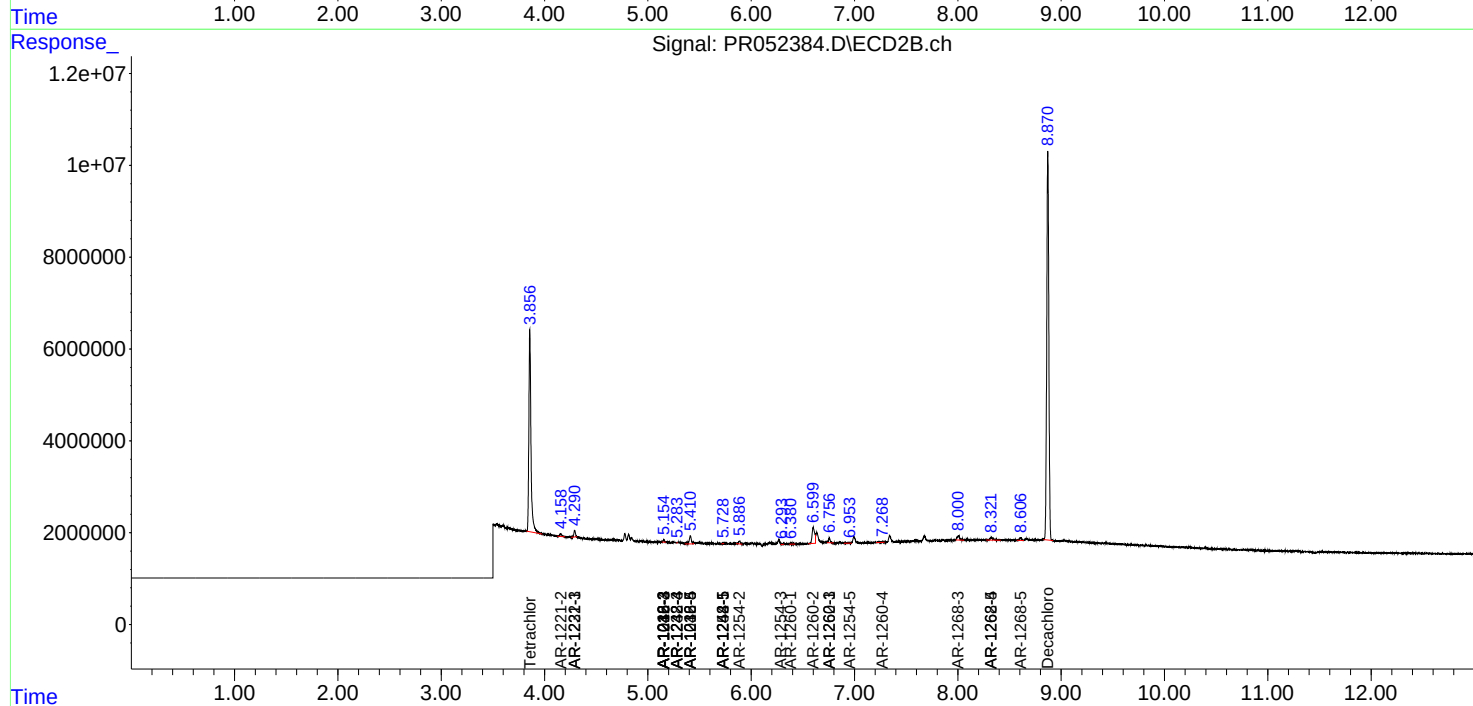
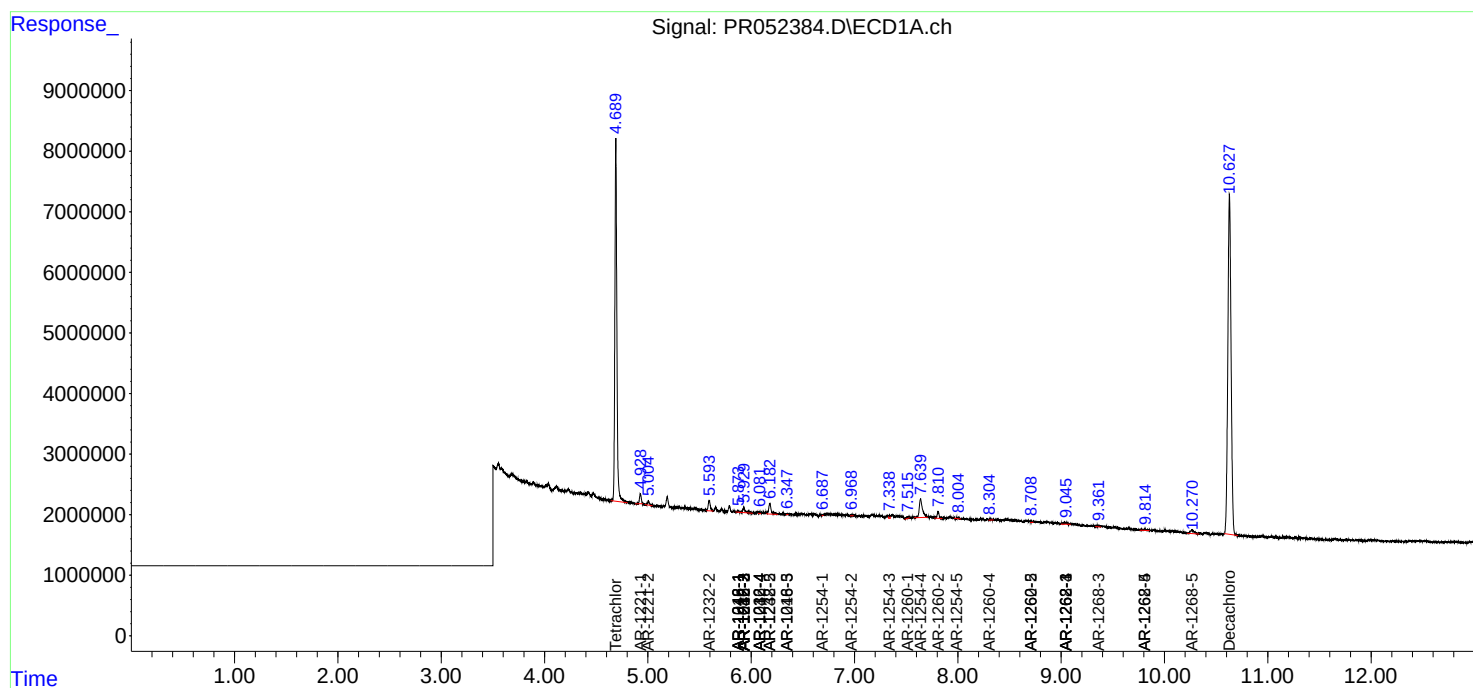
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

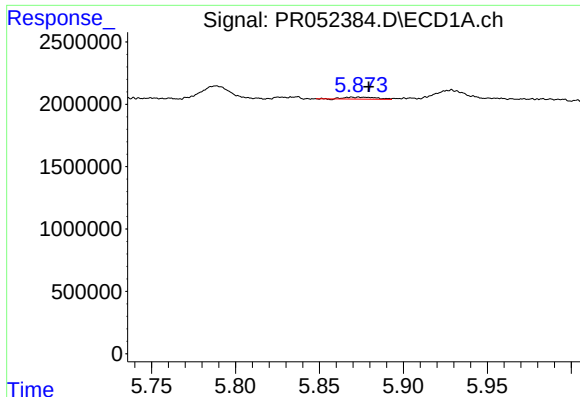
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

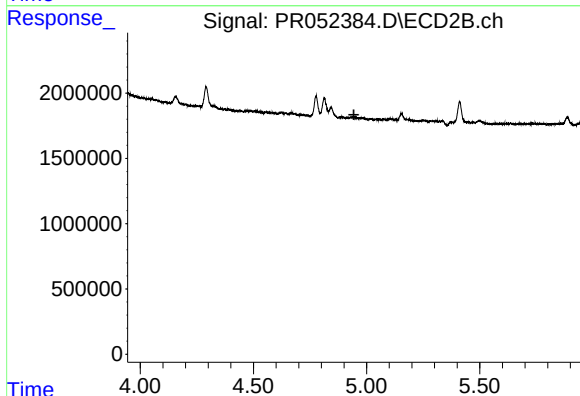




#3 AR-1016-1

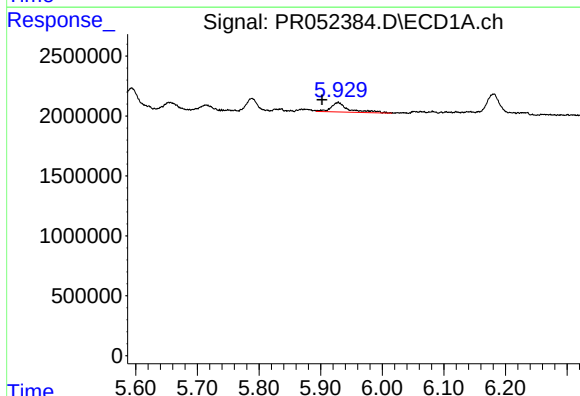
R.T.: 5.869 min
Delta R.T.: -0.010 min
Response: 205002
Conc: 1.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



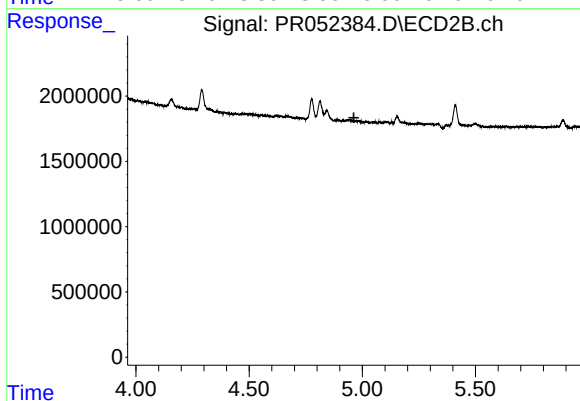
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.944 min
Response: 0
Conc: N.D.



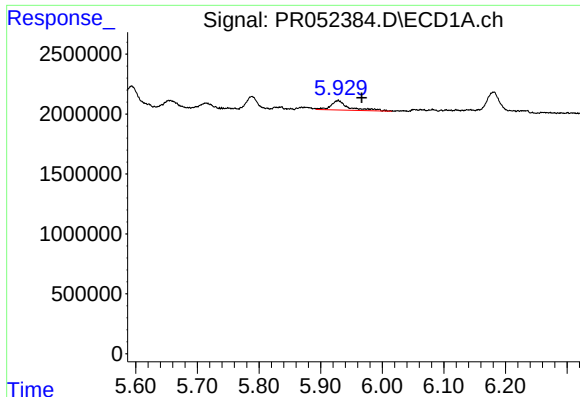
#4 AR-1016-2

R.T.: 5.929 min
Delta R.T.: 0.026 min
Response: 1597350
Conc: 9.23 ng/ml



#4 AR-1016-2

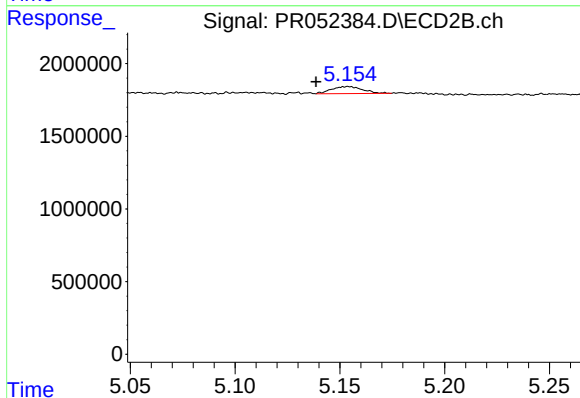
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#5 AR-1016-3

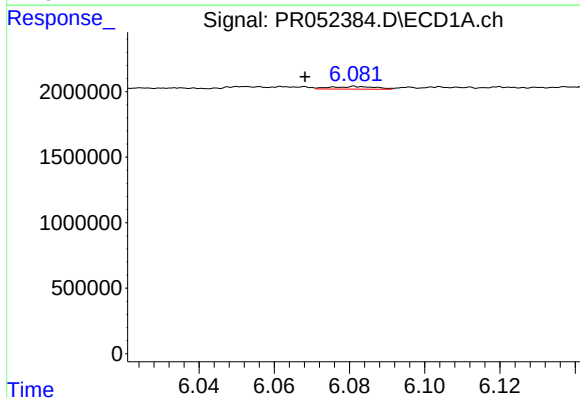
R.T.: 5.929 min
Delta R.T.: -0.038 min
Response: 1597350
Conc: 14.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



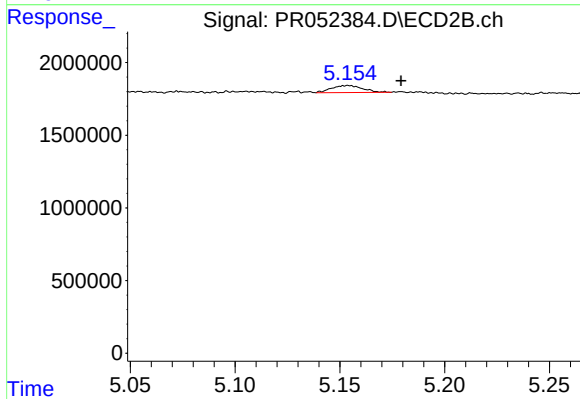
#5 AR-1016-3

R.T.: 5.154 min
Delta R.T.: 0.015 min
Response: 501665
Conc: 7.05 ng/ml



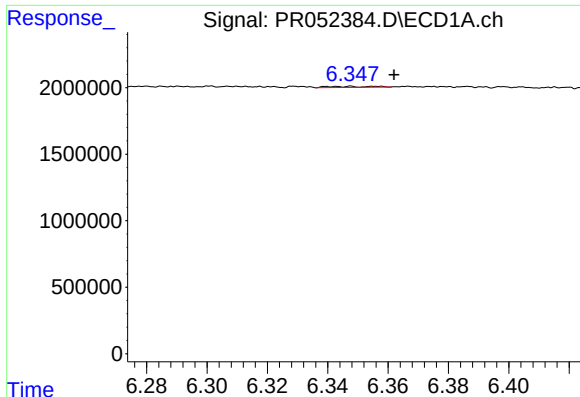
#6 AR-1016-4

R.T.: 6.082 min
Delta R.T.: 0.014 min
Response: 166921
Conc: 1.89 ng/ml



#6 AR-1016-4

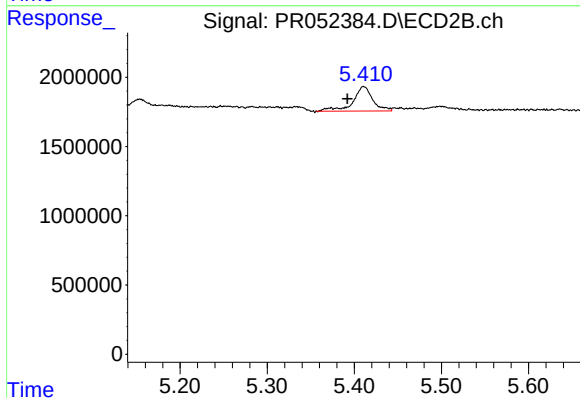
R.T.: 5.154 min
Delta R.T.: -0.026 min
Response: 501665
Conc: 9.21 ng/ml



#7 AR-1016-5

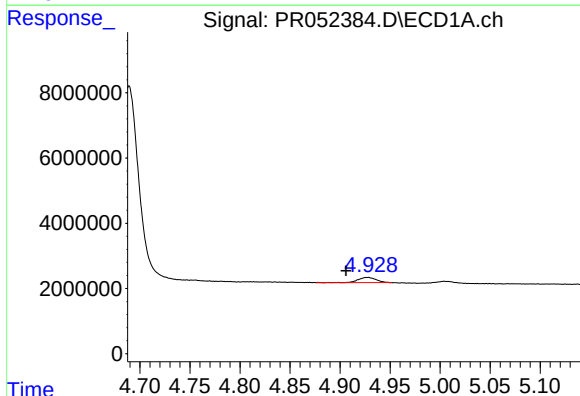
R.T.: 6.348 min
Delta R.T.: -0.014 min
Response: 78274
Conc: 0.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



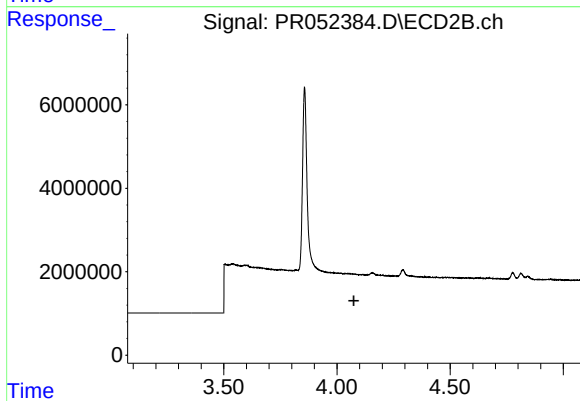
#7 AR-1016-5

R.T.: 5.411 min
Delta R.T.: 0.019 min
Response: 2779696
Conc: 38.36 ng/ml



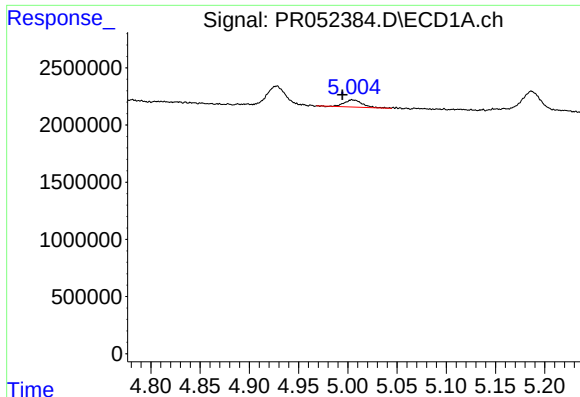
#8 AR-1221-1

R.T.: 4.928 min
Delta R.T.: 0.021 min
Response: 1986973
Conc: 43.34 ng/ml



#8 AR-1221-1

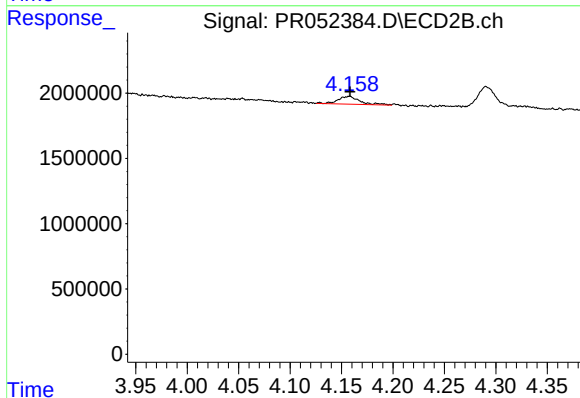
R.T.: 0.000 min
Exp R.T.: 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

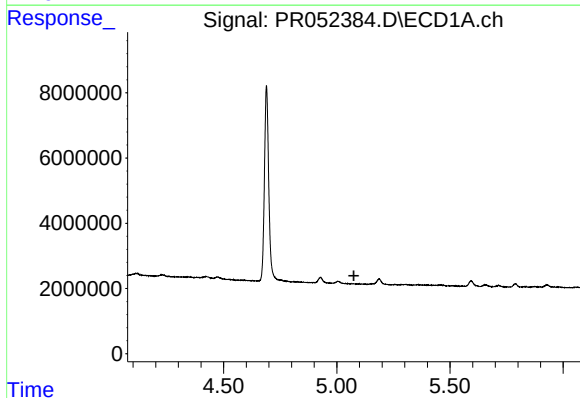
R.T.: 5.004 min
Delta R.T.: 0.010 min
Response: 800268
Conc: 16.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



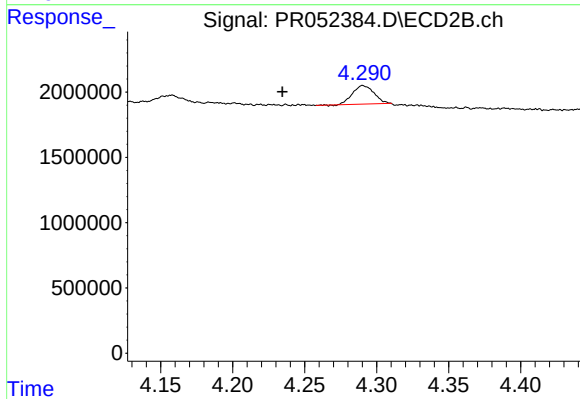
#9 AR-1221-2

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 870609
Conc: 36.04 ng/ml



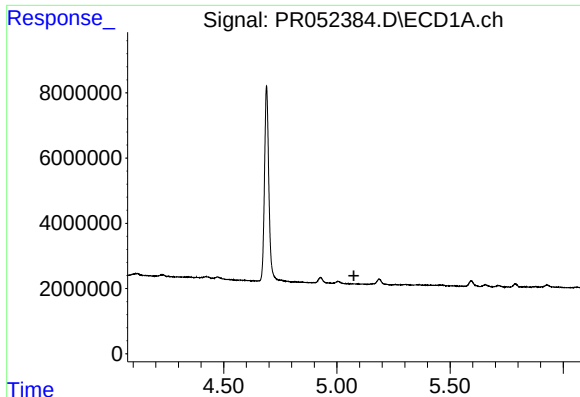
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.076 min
Response: 0
Conc: N.D.



#10 AR-1221-3

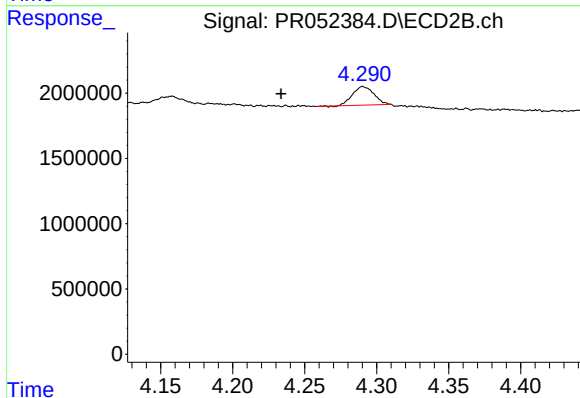
R.T.: 4.291 min
Delta R.T.: 0.056 min
Response: 1468446
Conc: 17.09 ng/ml



#11 AR-1232-1

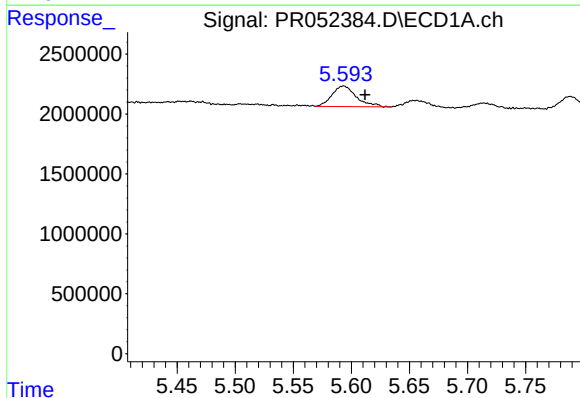
R.T.: 0.000 min
Exp R.T.: 5.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



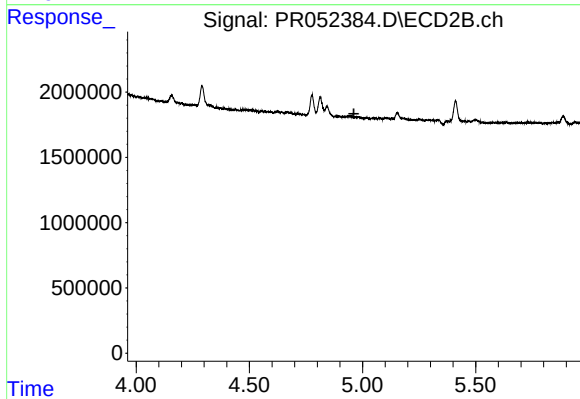
#11 AR-1232-1

R.T.: 4.291 min
Delta R.T.: 0.057 min
Response: 1468446
Conc: 24.76 ng/ml



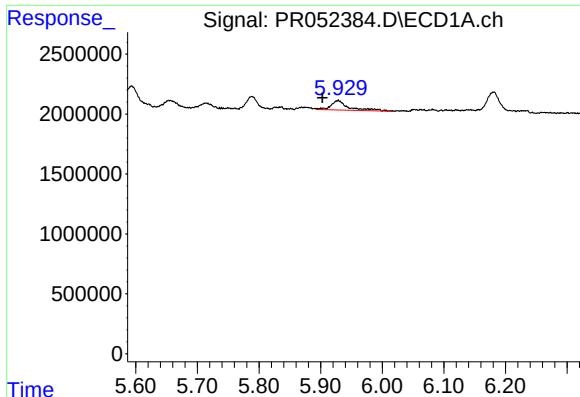
#12 AR-1232-2

R.T.: 5.593 min
Delta R.T.: -0.018 min
Response: 2491173
Conc: 61.79 ng/ml



#12 AR-1232-2

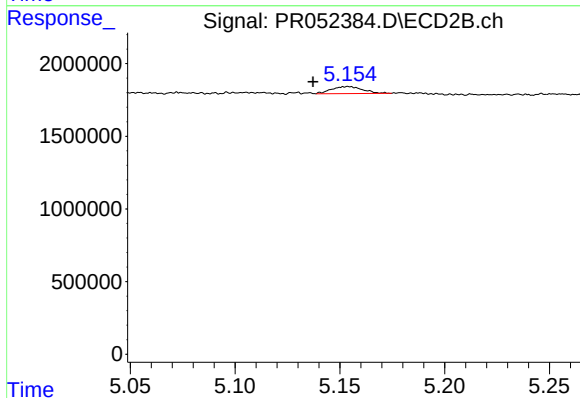
R.T.: 0.000 min
Exp R.T.: 4.962 min
Response: 0
Conc: N.D.



#13 AR-1232-3

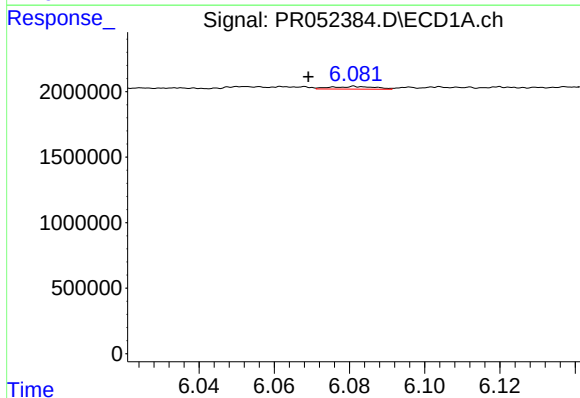
R.T.: 5.929 min
Delta R.T.: 0.026 min
Response: 1597350
Conc: 21.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



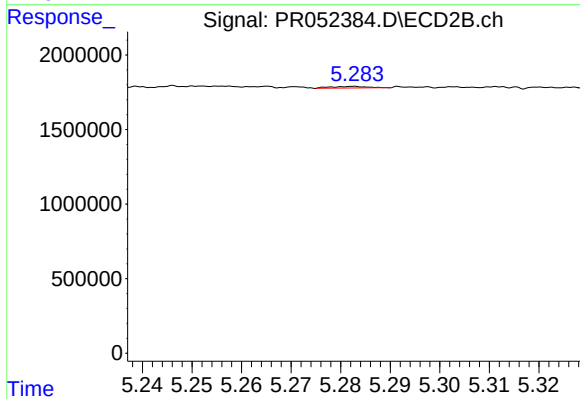
#13 AR-1232-3

R.T.: 5.154 min
Delta R.T.: 0.017 min
Response: 501665
Conc: 16.78 ng/ml



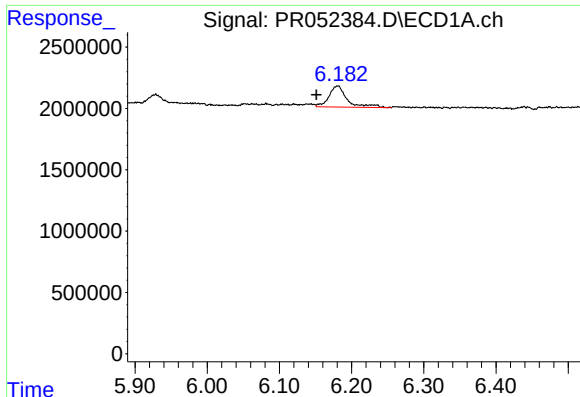
#14 AR-1232-4

R.T.: 6.082 min
Delta R.T.: 0.013 min
Response: 166921
Conc: 4.46 ng/ml



#14 AR-1232-4

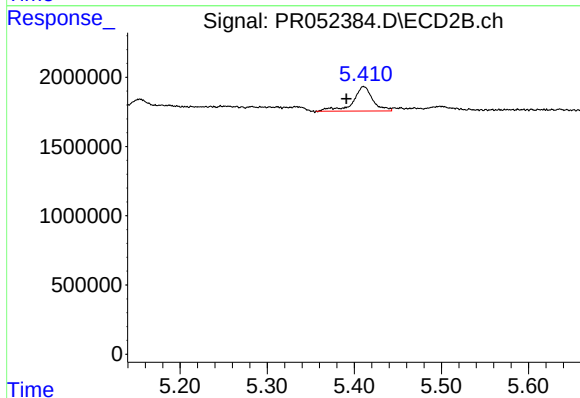
R.T.: 5.283 min
Delta R.T.: 0.062 min
Response: 54657
Conc: 2.12 ng/ml



#15 AR-1232-5

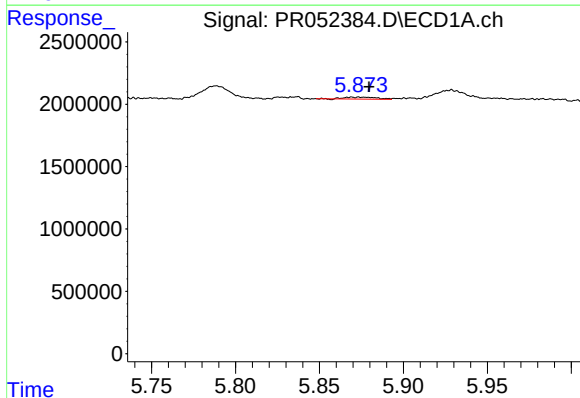
R.T.: 6.181 min
Delta R.T.: 0.030 min
Response: 3020473
Conc: 97.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



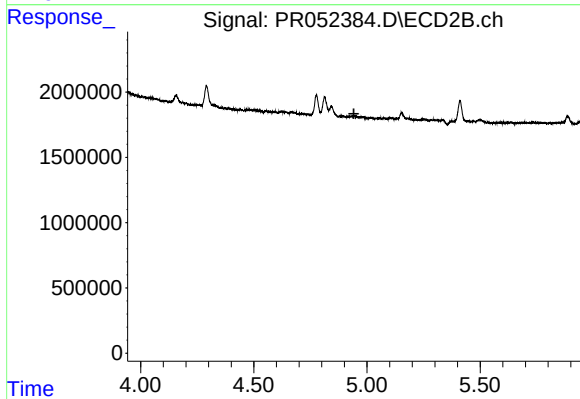
#15 AR-1232-5

R.T.: 5.411 min
Delta R.T.: 0.020 min
Response: 2779696
Conc: 97.42 ng/ml



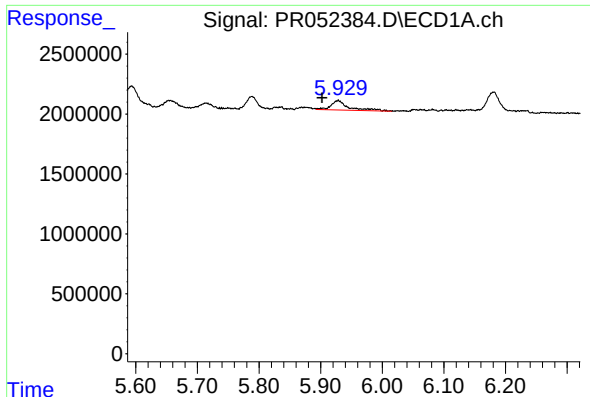
#16 AR-1242-1

R.T.: 5.869 min
Delta R.T.: -0.011 min
Response: 205002
Conc: 2.06 ng/ml



#16 AR-1242-1

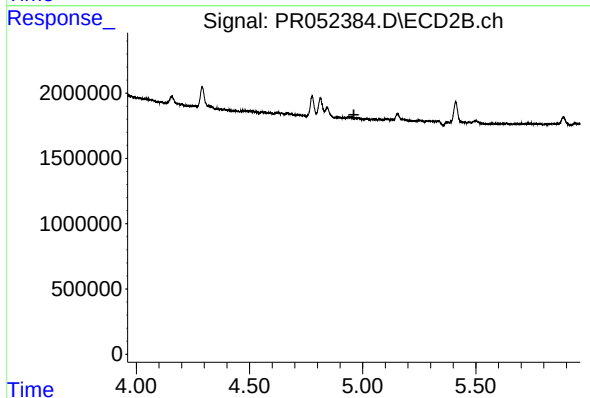
R.T.: 0.000 min
Exp R.T.: 4.942 min
Response: 0
Conc: N.D.



#17 AR-1242-2

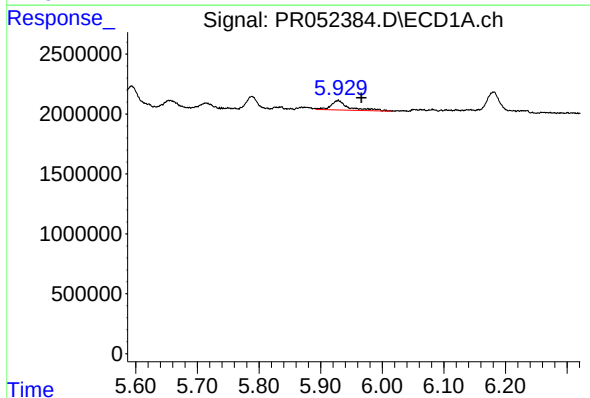
R.T.: 5.929 min
Delta R.T.: 0.026 min
Response: 1597350
Conc: 11.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



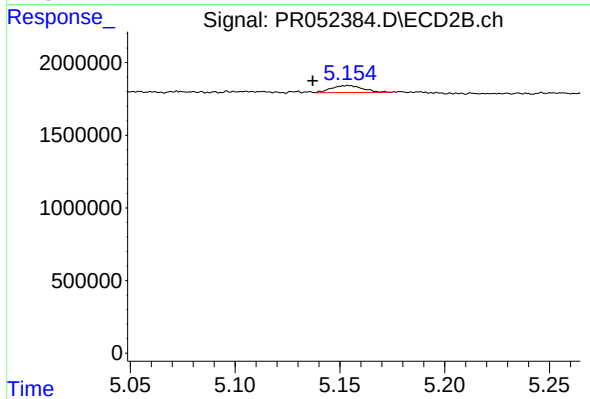
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.961 min
Response: 0
Conc: N.D.



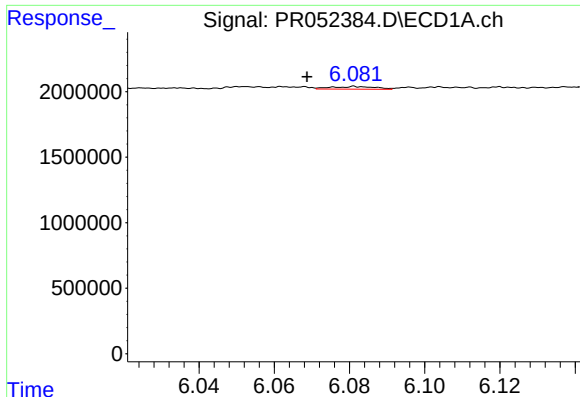
#18 AR-1242-3

R.T.: 5.929 min
Delta R.T.: -0.038 min
Response: 1597350
Conc: 18.16 ng/ml



#18 AR-1242-3

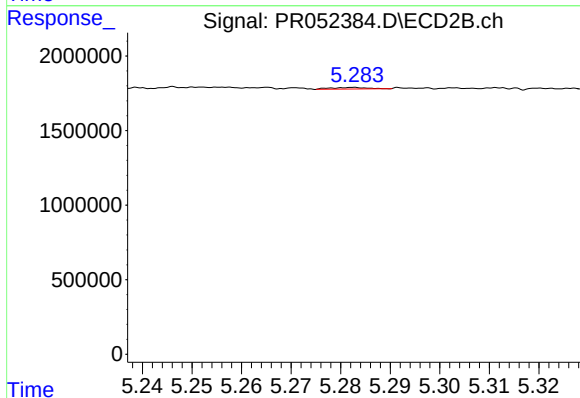
R.T.: 5.154 min
Delta R.T.: 0.017 min
Response: 501665
Conc: 8.82 ng/ml



#19 AR-1242-4

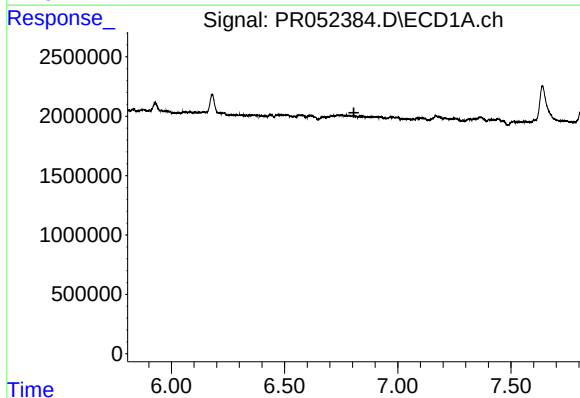
R.T.: 6.082 min
Delta R.T.: 0.013 min
Response: 166921
Conc: 2.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



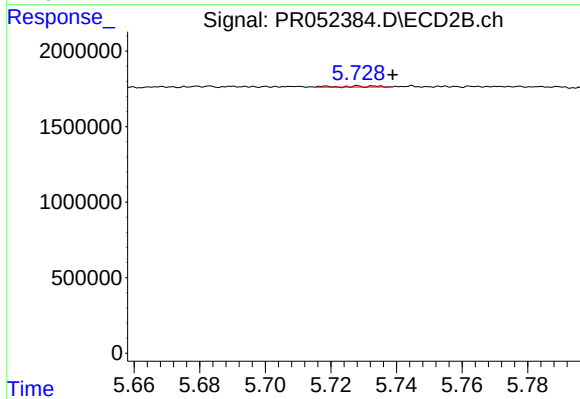
#19 AR-1242-4

R.T.: 5.283 min
Delta R.T.: 0.063 min
Response: 54657
Conc: 1.01 ng/ml



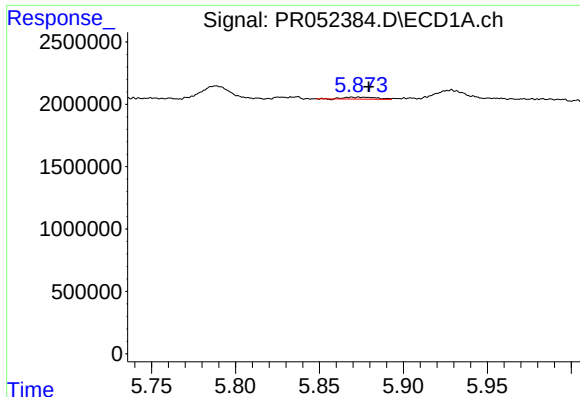
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.806 min
Response: 0
Conc: N.D.



#20 AR-1242-5

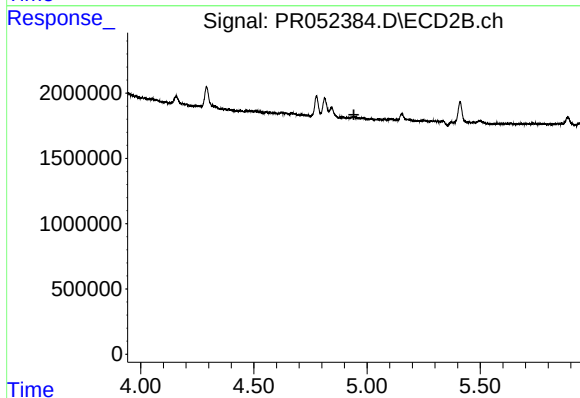
R.T.: 5.728 min
Delta R.T.: -0.011 min
Response: 48349
Conc: 0.70 ng/ml



#21 AR-1248-1

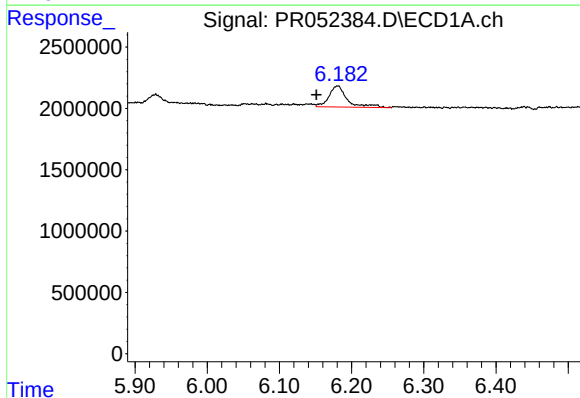
R.T.: 5.869 min
Delta R.T.: -0.010 min
Response: 205002
Conc: 2.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



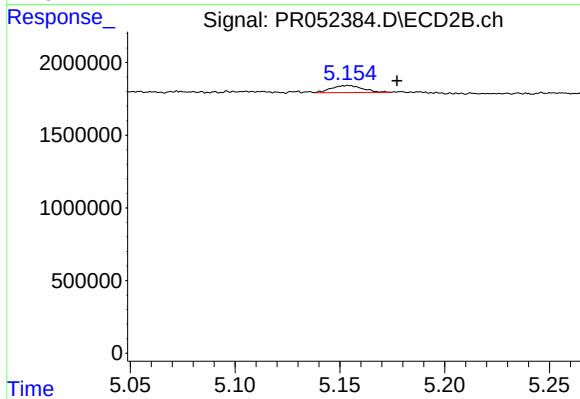
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



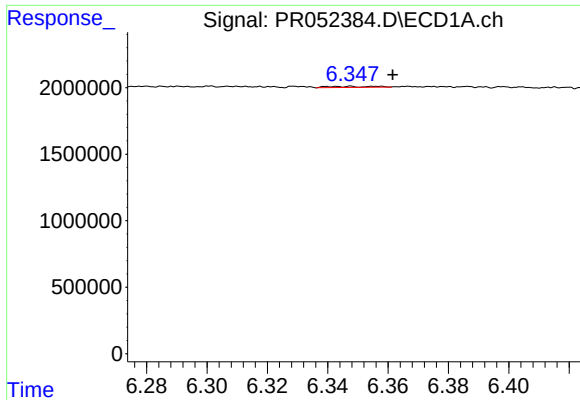
#22 AR-1248-2

R.T.: 6.181 min
Delta R.T.: 0.030 min
Response: 3020473
Conc: 28.17 ng/ml



#22 AR-1248-2

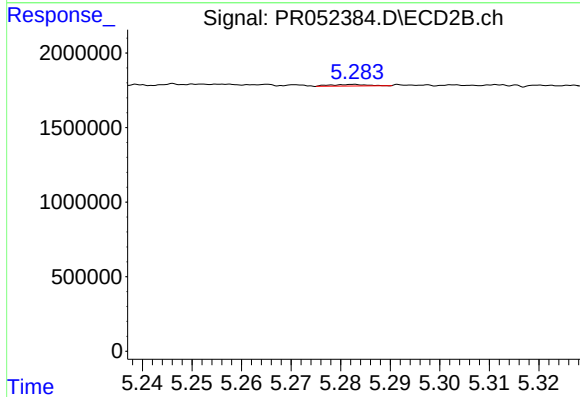
R.T.: 5.154 min
Delta R.T.: -0.023 min
Response: 501665
Conc: 6.86 ng/ml



#23 AR-1248-3

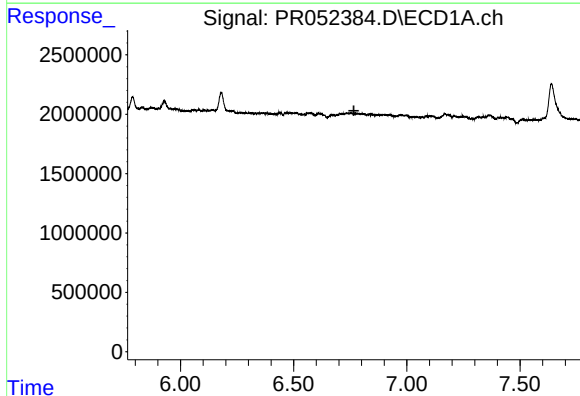
R.T.: 6.348 min
Delta R.T.: -0.014 min
Response: 78274
Conc: 0.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



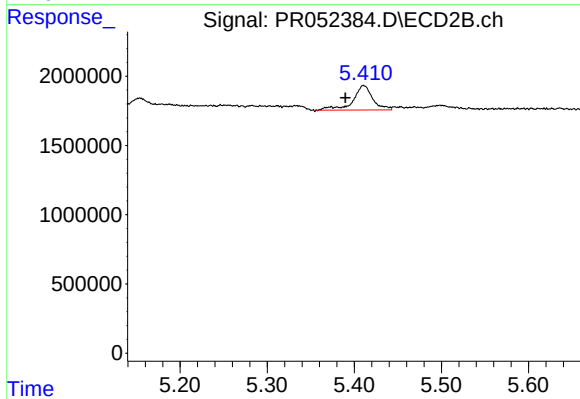
#23 AR-1248-3

R.T.: 5.283 min
Delta R.T.: 0.063 min
Response: 54657
Conc: 0.70 ng/ml



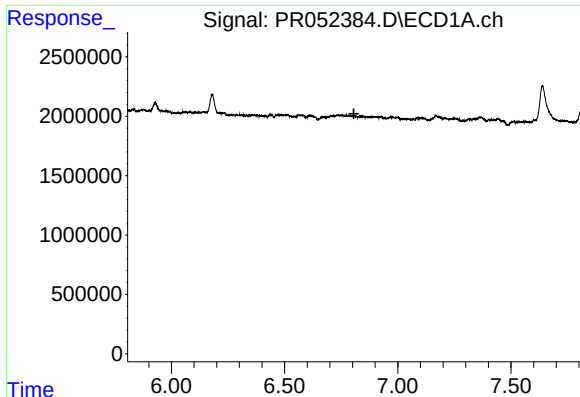
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.766 min
Response: 0
Conc: N.D.



#24 AR-1248-4

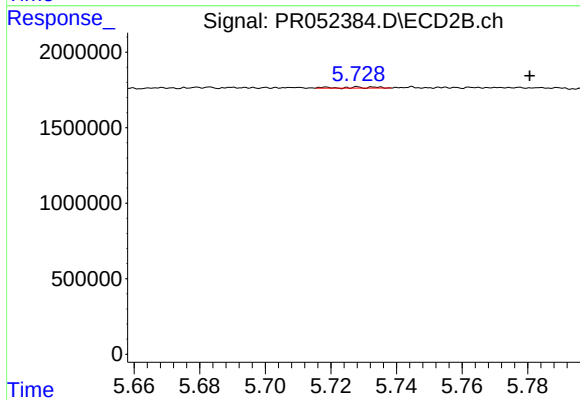
R.T.: 5.411 min
Delta R.T.: 0.021 min
Response: 2779696
Conc: 29.56 ng/ml



#25 AR-1248-5

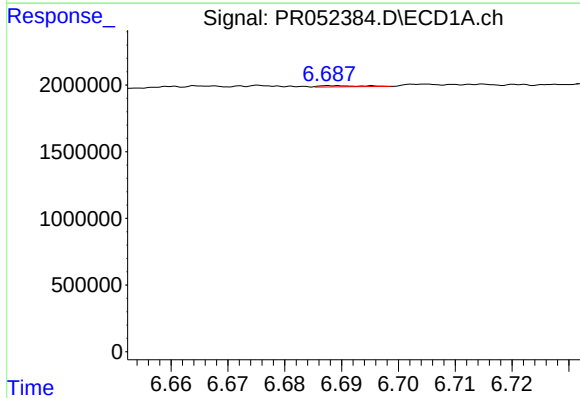
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



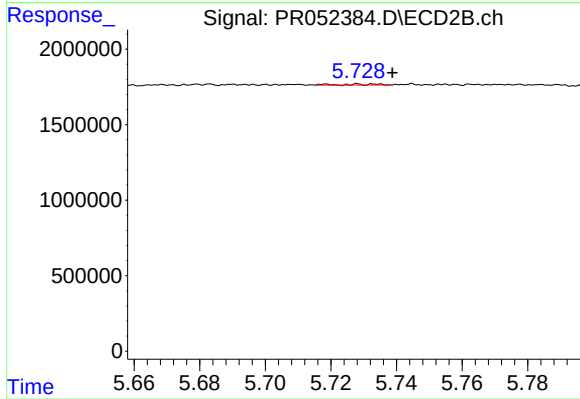
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: -0.053 min
Response: 48349
Conc: 0.51 ng/ml



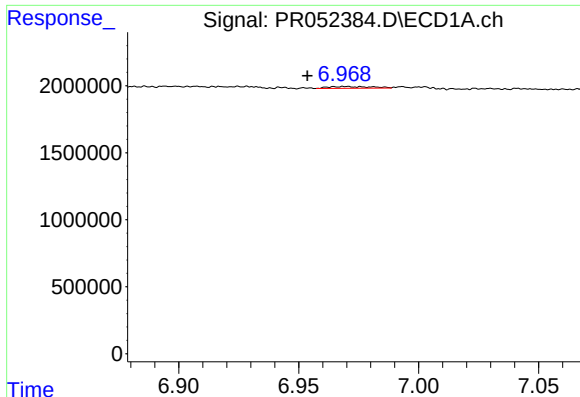
#26 AR-1254-1

R.T.: 6.689 min
Delta R.T.: -0.050 min
Response: 45211
Conc: 0.34 ng/ml



#26 AR-1254-1

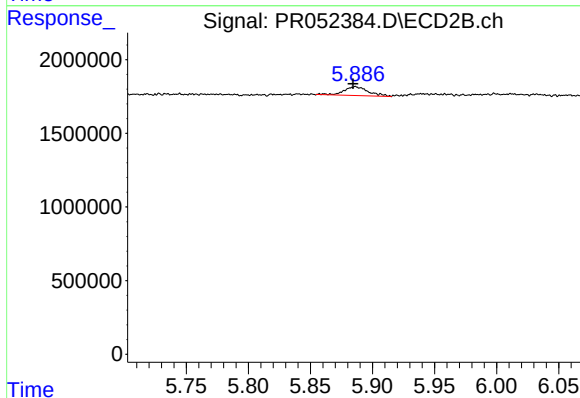
R.T.: 5.728 min
Delta R.T.: -0.011 min
Response: 48349
Conc: 0.33 ng/ml



#27 AR-1254-2

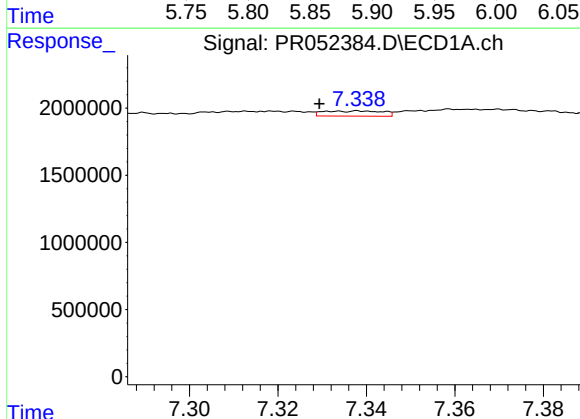
R.T.: 6.976 min
Delta R.T.: 0.022 min
Response: 163418
Conc: 0.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



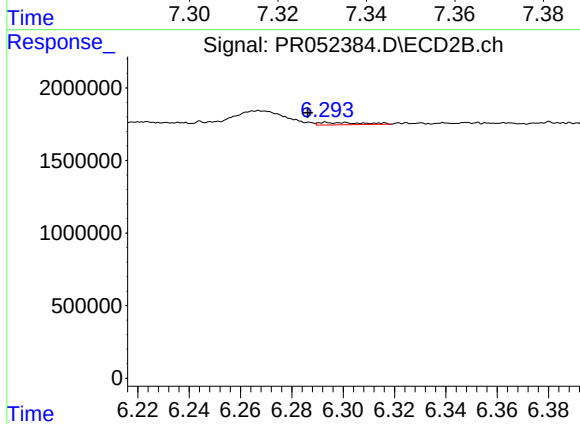
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: 0.002 min
Response: 805102
Conc: 6.42 ng/ml



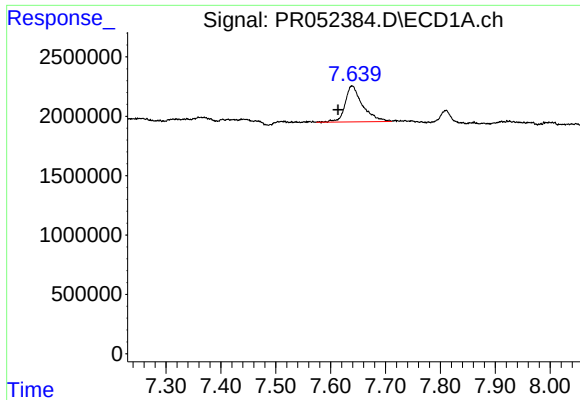
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: 0.009 min
Response: 357285
Conc: 1.70 ng/ml



#28 AR-1254-3

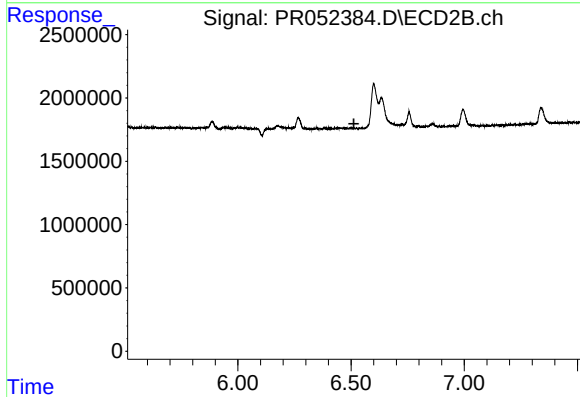
R.T.: 6.293 min
Delta R.T.: 0.007 min
Response: 198436
Conc: 0.93 ng/ml



#29 AR-1254-4

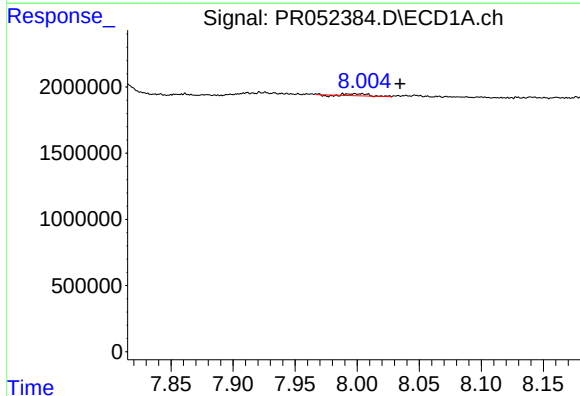
R.T.: 7.639 min
Delta R.T.: 0.026 min
Response: 6693515
Conc: 42.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



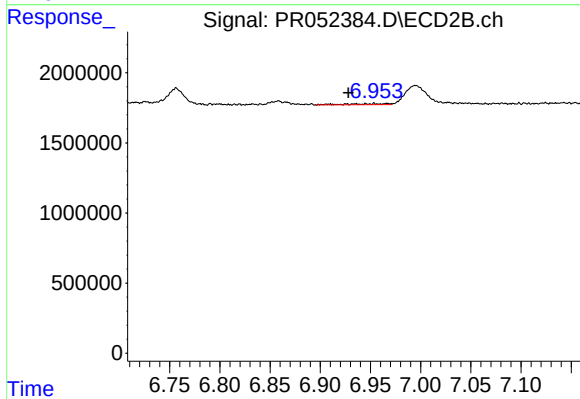
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.513 min
Response: 0
Conc: N.D.



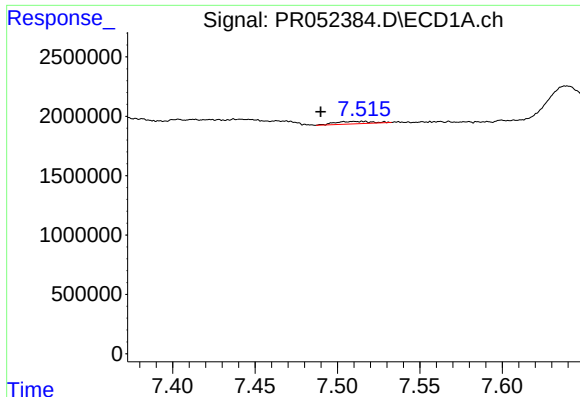
#30 AR-1254-5

R.T.: 7.998 min
Delta R.T.: -0.036 min
Response: 157976
Conc: 0.91 ng/ml



#30 AR-1254-5

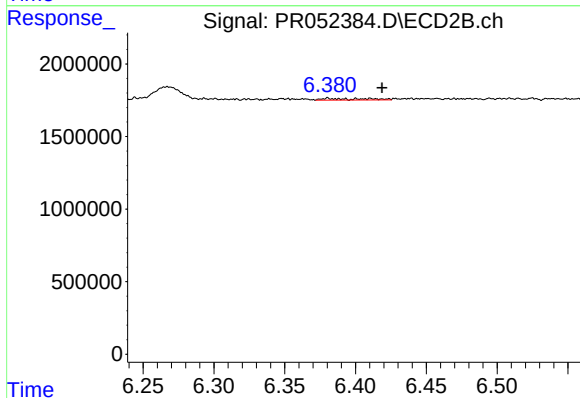
R.T.: 6.954 min
Delta R.T.: 0.026 min
Response: 199011
Conc: 1.09 ng/ml



#31 AR-1260-1

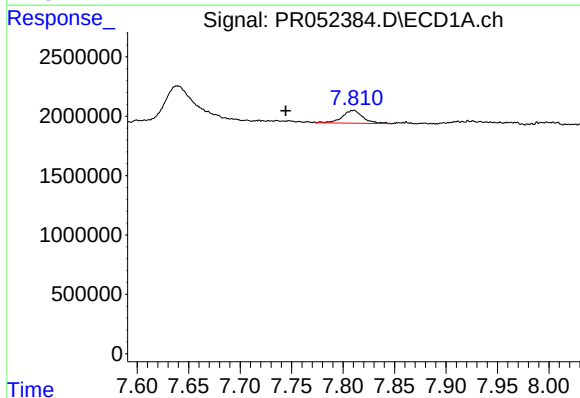
R.T.: 7.510 min
Delta R.T.: 0.020 min
Response: 321356
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



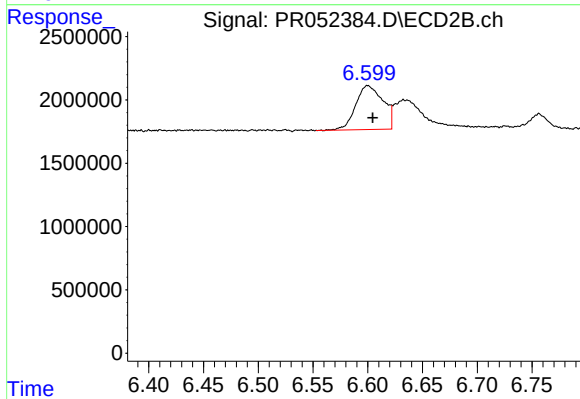
#31 AR-1260-1

R.T.: 6.380 min
Delta R.T.: -0.038 min
Response: 221013
Conc: 1.73 ng/ml



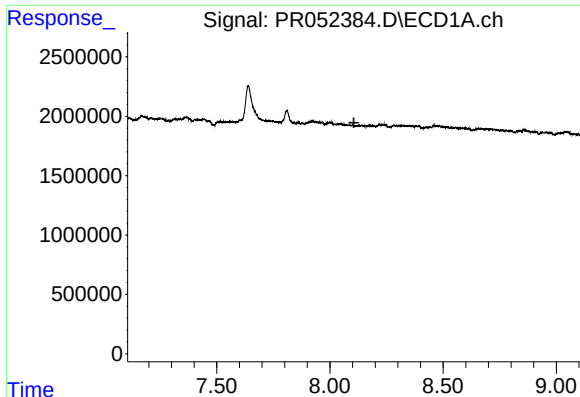
#32 AR-1260-2

R.T.: 7.810 min
Delta R.T.: 0.066 min
Response: 1520936
Conc: 8.50 ng/ml



#32 AR-1260-2

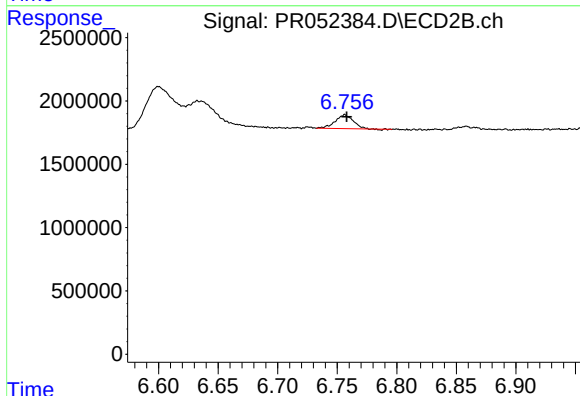
R.T.: 6.600 min
Delta R.T.: -0.005 min
Response: 6054027
Conc: 40.41 ng/ml



#33 AR-1260-3

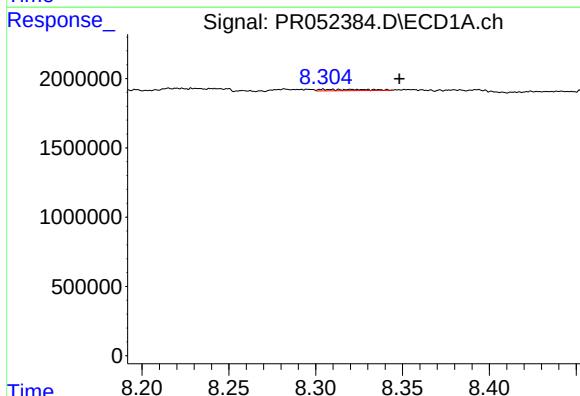
R.T.: 0.000 min
Exp R.T.: 8.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



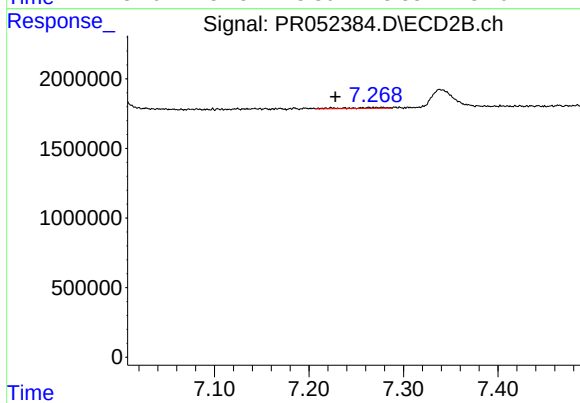
#33 AR-1260-3

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1144164
Conc: 7.71 ng/ml



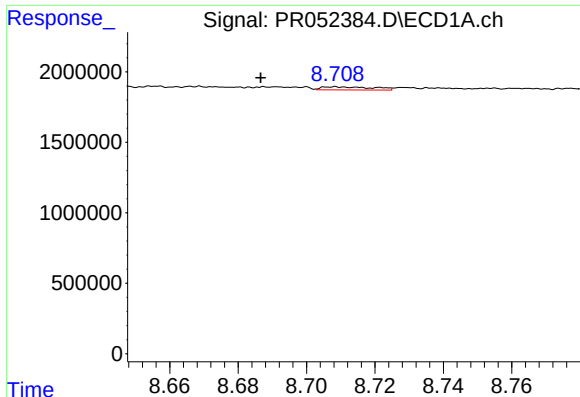
#34 AR-1260-4

R.T.: 8.304 min
Delta R.T.: -0.044 min
Response: 184454
Conc: 1.11 ng/ml



#34 AR-1260-4

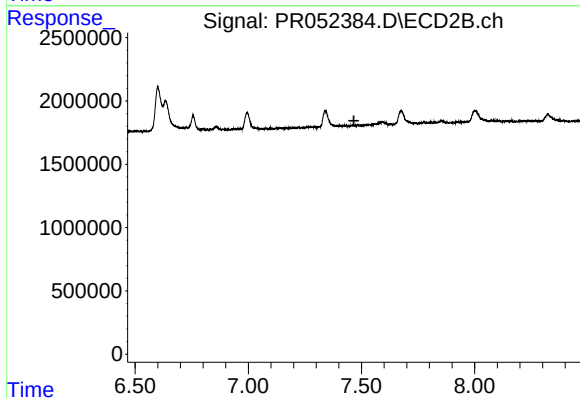
R.T.: 7.263 min
Delta R.T.: 0.035 min
Response: 175130
Conc: 1.44 ng/ml



#35 AR-1260-5

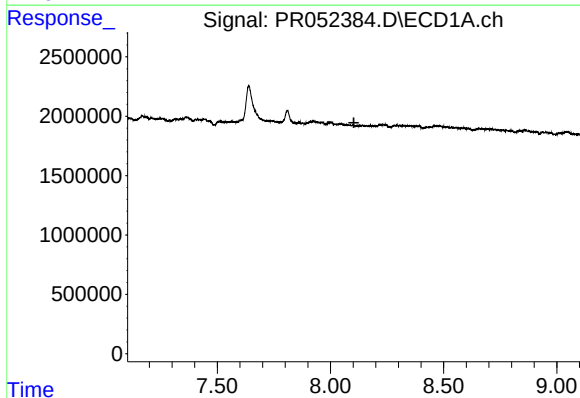
R.T.: 8.709 min
Delta R.T.: 0.022 min
Response: 225853
Conc: 0.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



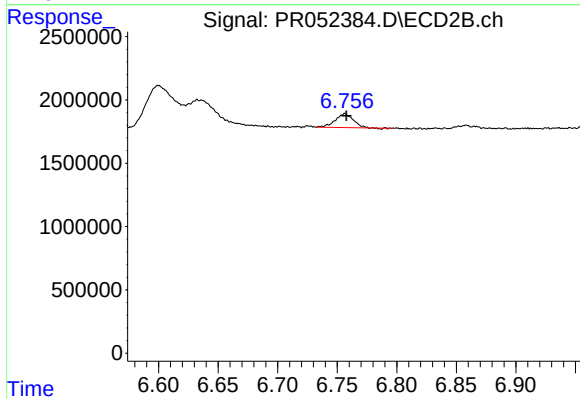
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.466 min
Response: 0
Conc: N.D.



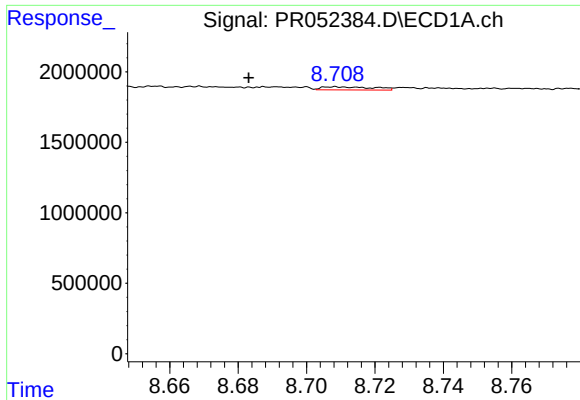
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.104 min
Response: 0
Conc: N.D.



#36 AR-1262-1

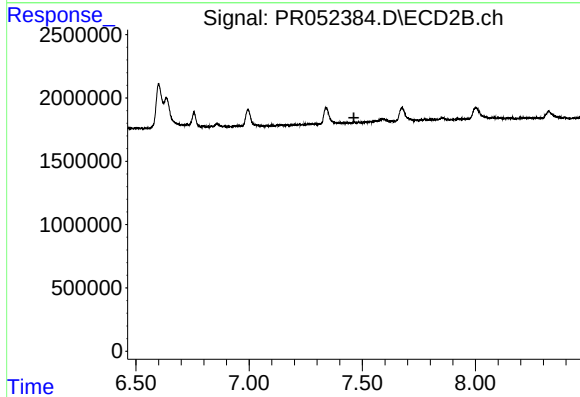
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1144164
Conc: 9.06 ng/ml



#37 AR-1262-2

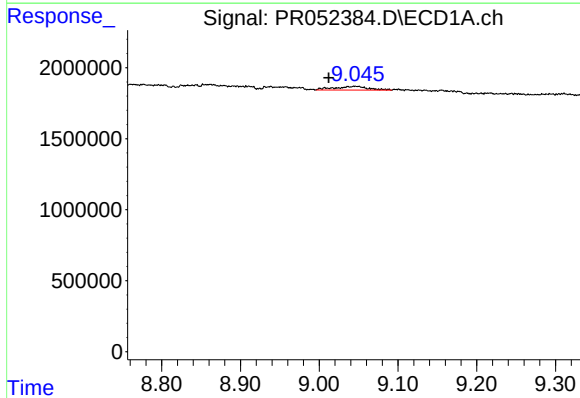
R.T.: 8.709 min
Delta R.T.: 0.025 min
Response: 225853
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



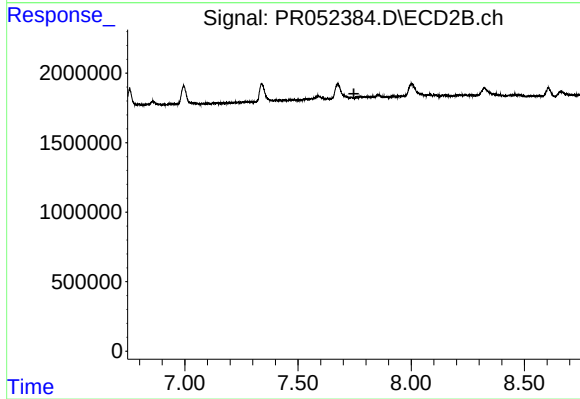
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



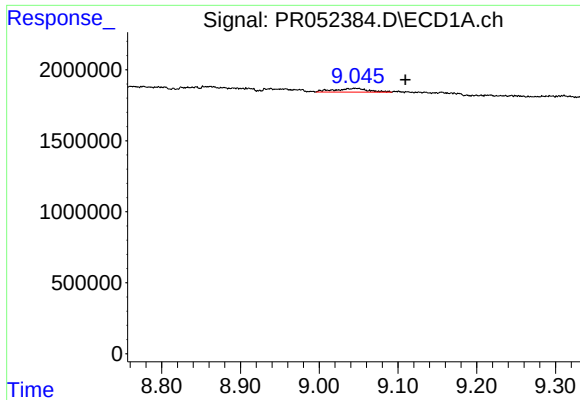
#38 AR-1262-3

R.T.: 9.045 min
Delta R.T.: 0.033 min
Response: 792656
Conc: 4.68 ng/ml



#38 AR-1262-3

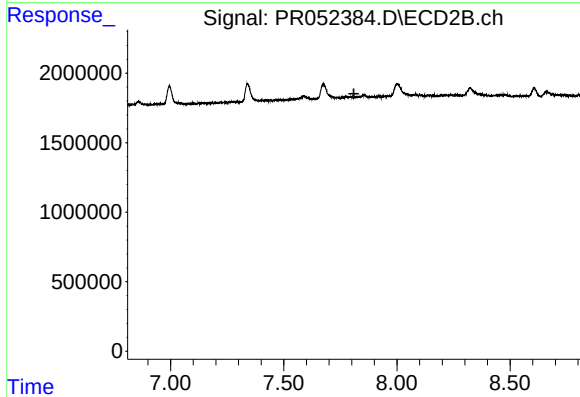
R.T.: 0.000 min
Exp R.T. : 7.747 min
Response: 0
Conc: N.D.



#39 AR-1262-4

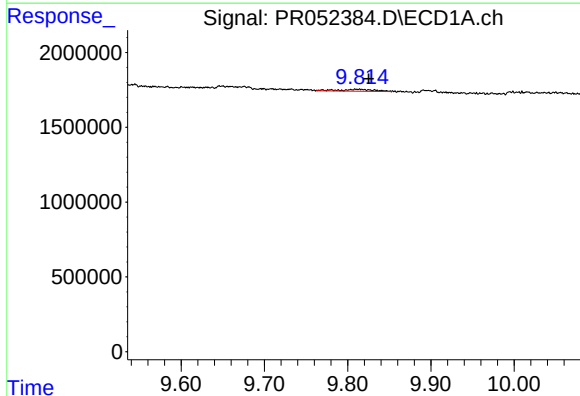
R.T.: 9.045 min
Delta R.T.: -0.064 min
Response: 792656
Conc: 6.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



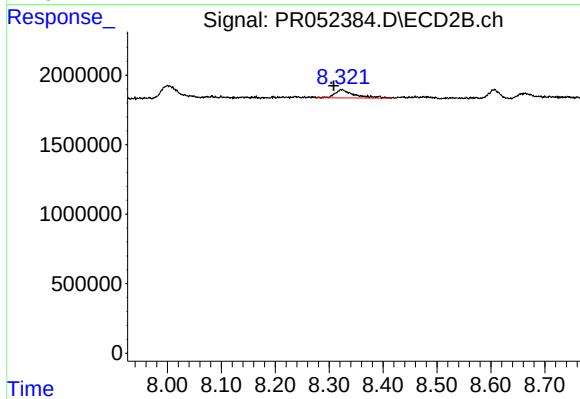
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.810 min
Response: 0
Conc: N.D.



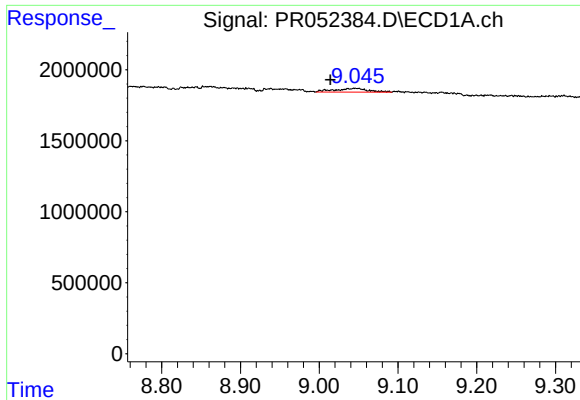
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: -0.011 min
Response: 382260
Conc: 2.58 ng/ml



#40 AR-1262-5

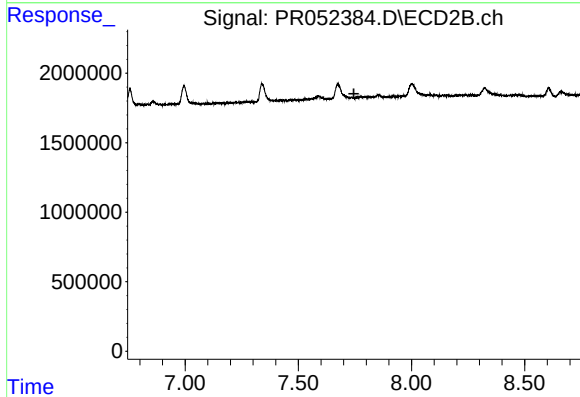
R.T.: 8.323 min
Delta R.T.: 0.015 min
Response: 1457741
Conc: 10.59 ng/ml



#41 AR-1268-1

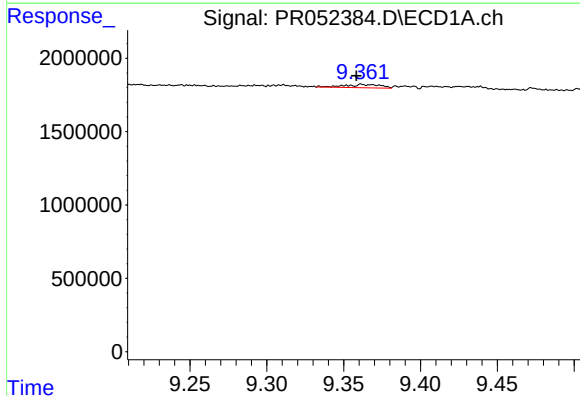
R.T.: 9.045 min
Delta R.T.: 0.031 min
Response: 792656
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



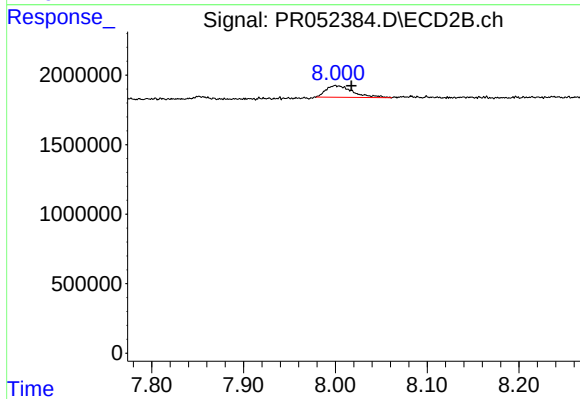
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.746 min
Response: 0
Conc: N.D.



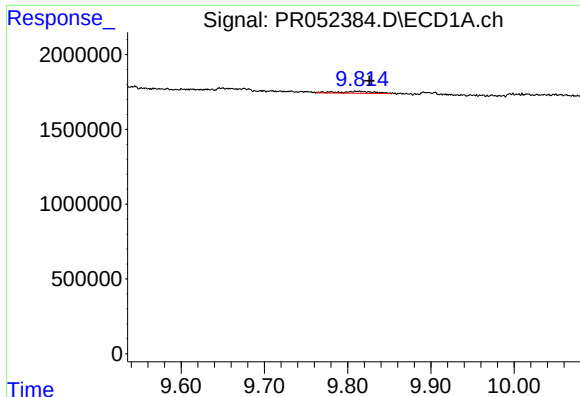
#43 AR-1268-3

R.T.: 9.362 min
Delta R.T.: 0.003 min
Response: 365044
Conc: 1.04 ng/ml



#43 AR-1268-3

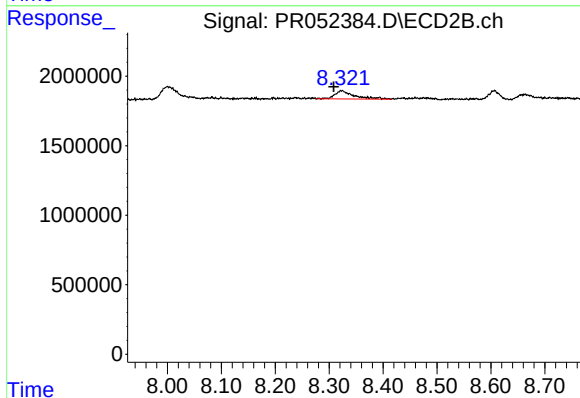
R.T.: 8.001 min
Delta R.T.: -0.017 min
Response: 1709608
Conc: 5.02 ng/ml



#44 AR-1268-4

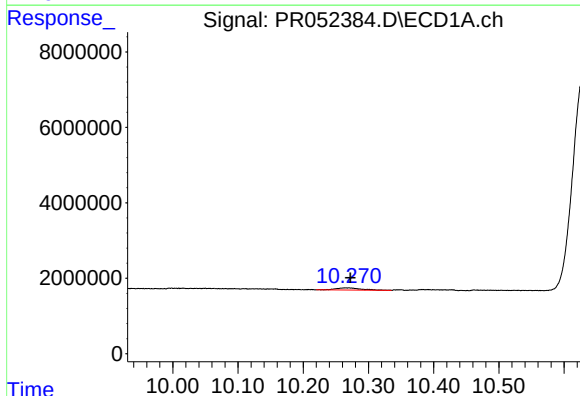
R.T.: 9.814 min
Delta R.T.: -0.012 min
Response: 382260
Conc: 2.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



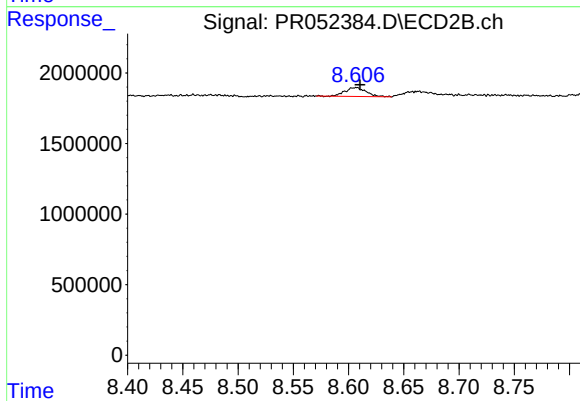
#44 AR-1268-4

R.T.: 8.323 min
Delta R.T.: 0.015 min
Response: 1457741
Conc: 9.77 ng/ml



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: -0.002 min
Response: 1540475
Conc: 1.35 ng/ml



#45 AR-1268-5

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 843857
Conc: 0.71 ng/ml