

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059762.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 00:26
 Operator : YP\AJ
 Sample : 01627-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:02:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 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...	3.690	2.906	59732854	85355762	19.993	19.720
2)	SA Decachlor...	9.659	8.137	53422037	76410965	23.291	21.660
Target Compounds							
3)	L1 AR-1016-1	4.924	4.017	2316722	2980114	25.237	21.093
4)	L1 AR-1016-2	4.946	4.034	3304102	5075206	25.375	24.797
5)	L1 AR-1016-3	5.011	4.212	2321539	2329447	27.870	21.825
6)	L1 AR-1016-4	5.115	4.263	1525700	1820998	23.234	21.122
7)	L1 AR-1016-5	5.432	4.478	1551621	2318256	23.565	20.706
8)	L2 AR-1221-1	3.913	3.130	1469750	1901698	47.932	50.141
9)	L2 AR-1221-2	4.004	3.212	1829533	2438980	81.280	86.449
10)	L2 AR-1221-3	4.082	3.291	4001247	4899782	59.642	55.428
11)	L3 AR-1232-1	4.082	3.291	4001247	4899782	57.528	52.961
12)	L3 AR-1232-2	4.636	4.034	1707545	5075206	52.488	57.581
13)	L3 AR-1232-3	4.946	4.212	3304102	2329447	56.453	52.141
14)	L3 AR-1232-4	5.115	4.304	1525700	2349199	51.498	58.491
15)	L3 AR-1232-5	5.219	4.478	1291132	2318256	57.456	50.723
16)	L4 AR-1242-1	4.924	4.017	2316722	2980114	31.713	26.956
17)	L4 AR-1242-2	4.946	4.034	3304102	5075206	32.296	31.417
18)	L4 AR-1242-3	5.011	4.212	2321539	2329447	35.345	27.944
19)	L4 AR-1242-4	5.115	4.304	1525700	2349199	29.208	29.146
20)	L4 AR-1242-5	5.909	4.847	1595746	2649445	29.745	26.409
21)	L5 AR-1248-1	4.924	4.017	2316722	2980114	41.722	35.891
22)	L5 AR-1248-2	5.219	4.263	1291132	1820998	17.430	15.016
23)	L5 AR-1248-3	5.432	4.304	1551621	2349199	18.147	19.234
24)	L5 AR-1248-4	5.871	4.478	1434587	2318256	16.043	15.533
25)	L5 AR-1248-5	5.909	4.889	1595746	2372681	17.822	17.143
26)	L6 AR-1254-1	5.839	4.847	1463797	2649445	15.721	11.673 #
27)	L6 AR-1254-2	6.079	5.007	1608794	613375	11.383	3.147 #
28)	L6 AR-1254-3	6.471	5.424	591101	1311472	4.024	4.220
29)	L6 AR-1254-4	6.788	5.671	352093	780947	3.320	4.328 #
30)	L6 AR-1254-5	7.243	6.108	252681	542701	2.124	1.973
31)	L7 AR-1260-1	6.656	5.570	147014	835451	1.211	3.636 #
32)	L7 AR-1260-2	6.942	5.775	162800	177981	1.169	0.658 #
33)	L7 AR-1260-3	0.000	5.932	0	488313	N.D.	1.900 #
35)	L7 AR-1260-5	0.000	6.695	0	51676	N.D.	0.107 #
36)	L8 AR-1262-1	0.000	6.172	0	282360	N.D.	0.976 #
39)	L8 AR-1262-4	0.000	7.065	0	327294	N.D.	0.897 #
40)	L8 AR-1262-5	8.947	0.000	211988	0	2.236	N.D. #
42)	L9 AR-1268-2	0.000	7.065	0	327294	N.D.	0.590 #
43)	L9 AR-1268-3	8.531	7.295	163654	219819	0.656	0.454 #
44)	L9 AR-1268-4	8.947	0.000	211988	0	1.930	N.D. #
45)	L9 AR-1268-5	9.343	7.895	58591	462596	0.074	0.314 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
Data File : PR059762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2023 00:26
Operator : YP\AJ
Sample : 01627-02
Misc : AR1232 LOQ 50 PPB
ALS Vial : 41 Sample Multiplier: 1

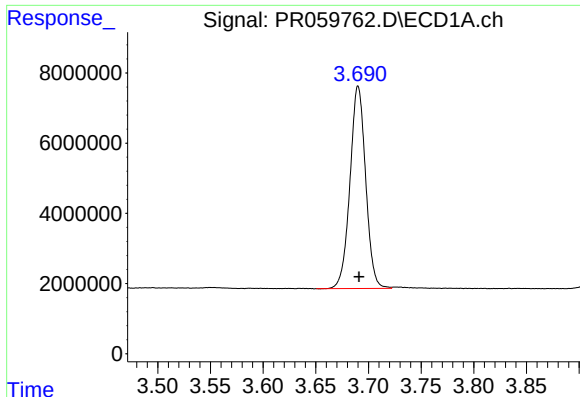
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 08:02:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 24 12:41:32 2023
Response via : Initial Calibration
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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

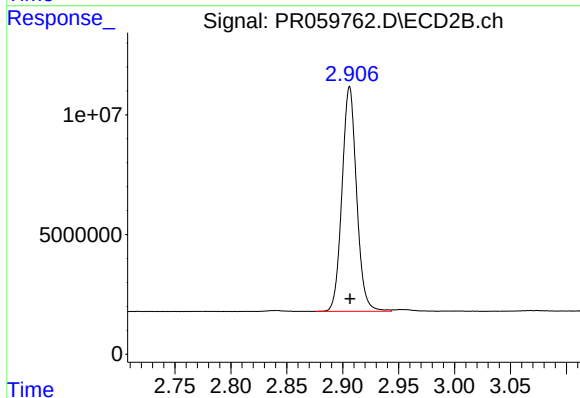
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

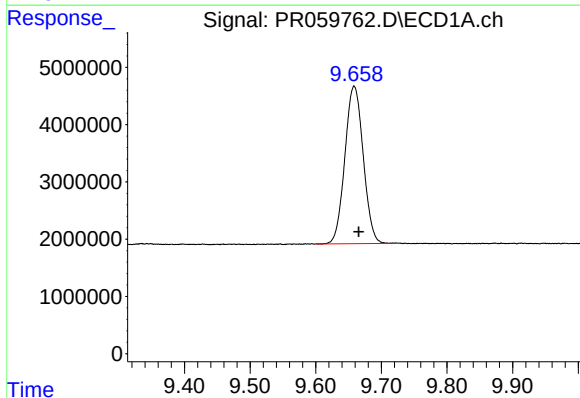
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 59732854
Conc: 19.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



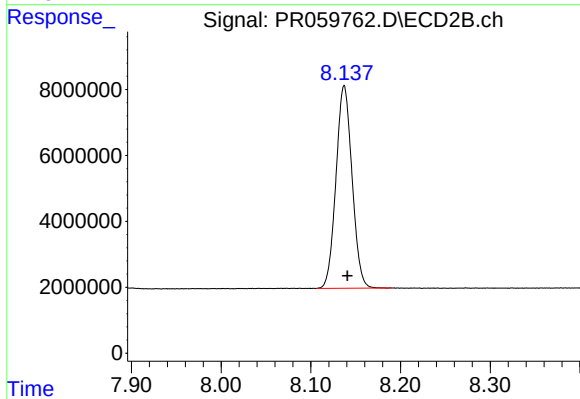
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 85355762
Conc: 19.72 ng/ml



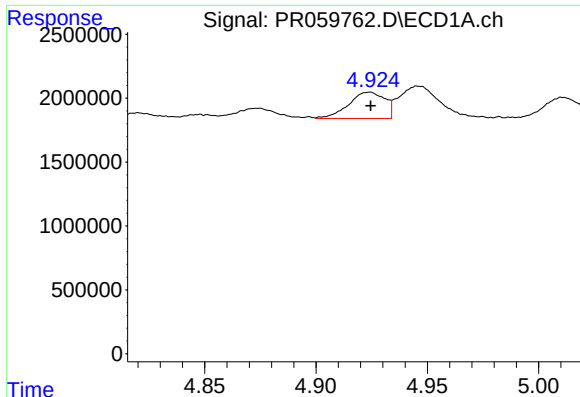
#2 Decachlorobiphenyl

R.T.: 9.659 min
Delta R.T.: -0.007 min
Response: 53422037
Conc: 23.29 ng/ml



#2 Decachlorobiphenyl

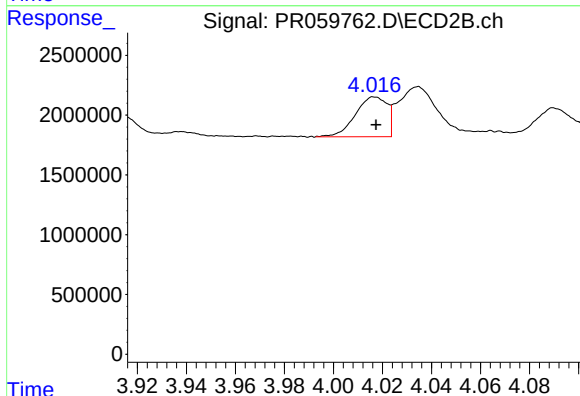
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 76410965
Conc: 21.66 ng/ml



#3 AR-1016-1

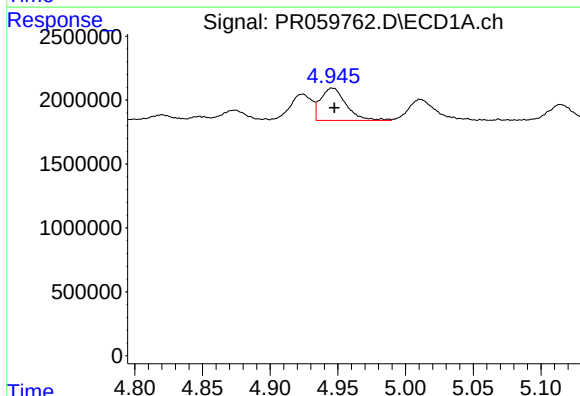
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 2316722
Conc: 25.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



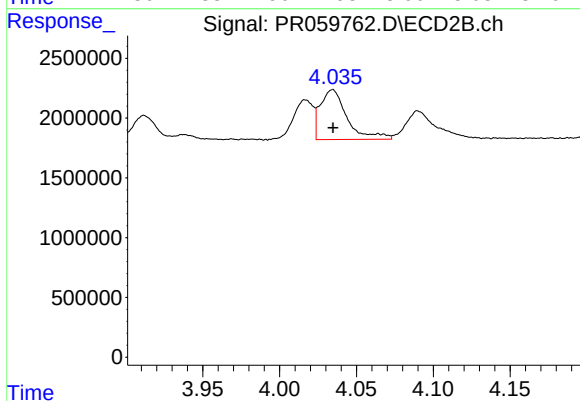
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2980114
Conc: 21.09 ng/ml



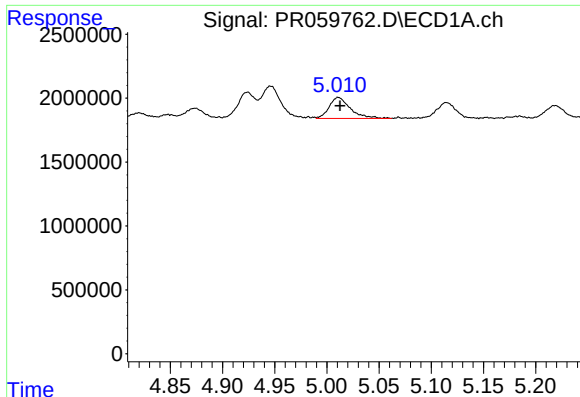
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 3304102
Conc: 25.38 ng/ml



#4 AR-1016-2

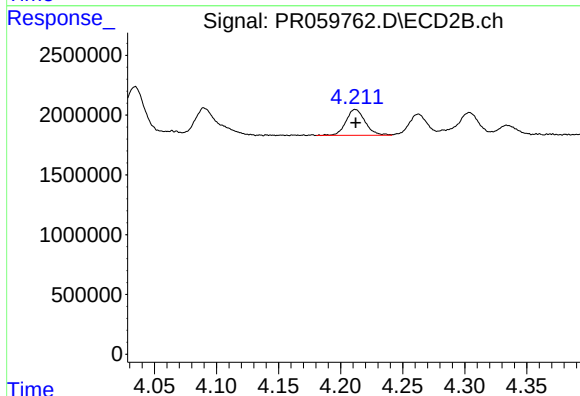
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 5075206
Conc: 24.80 ng/ml



#5 AR-1016-3

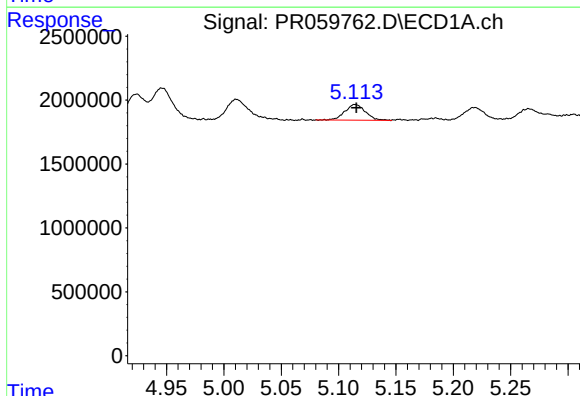
R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 2321539
Conc: 27.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



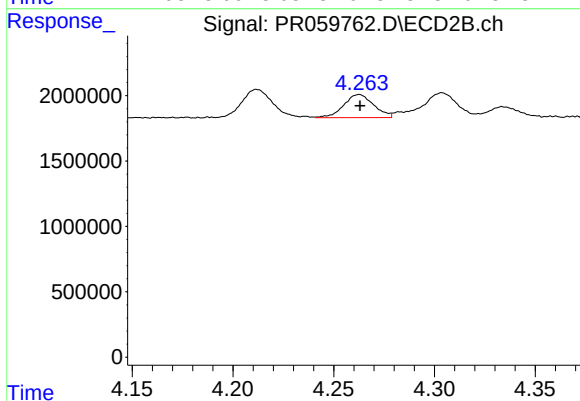
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 2329447
Conc: 21.82 ng/ml



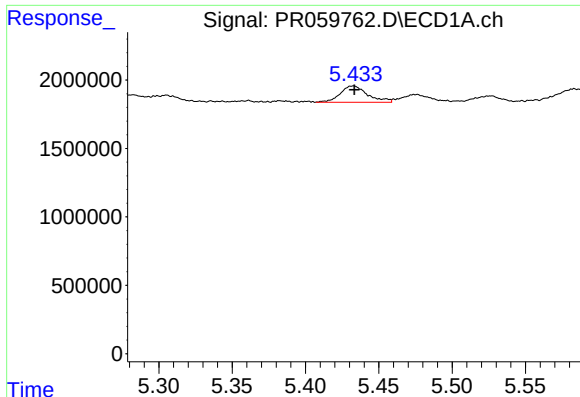
#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 1525700
Conc: 23.23 ng/ml



#6 AR-1016-4

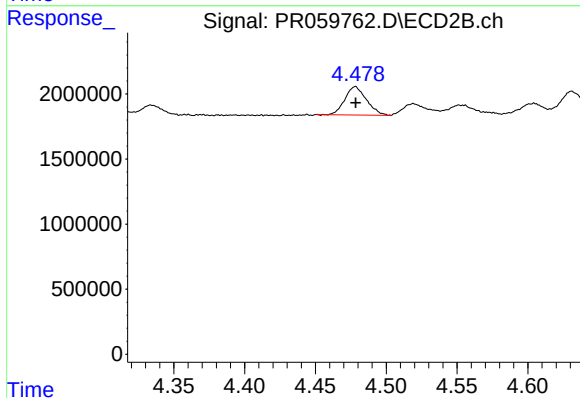
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1820998
Conc: 21.12 ng/ml



#7 AR-1016-5

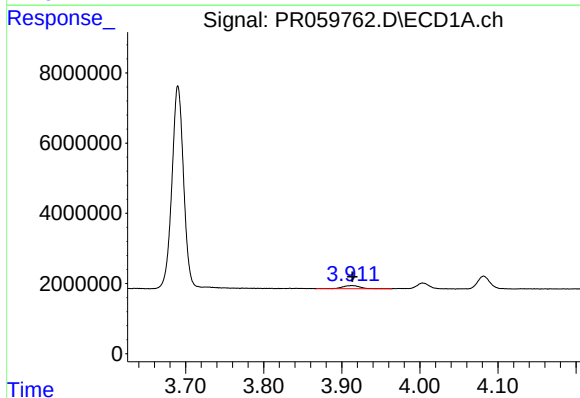
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1551621
Conc: 23.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



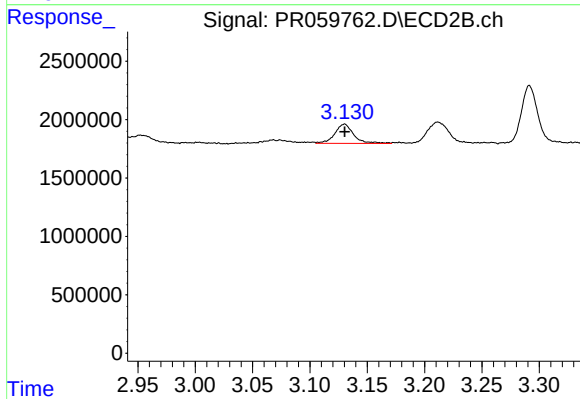
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2318256
Conc: 20.71 ng/ml



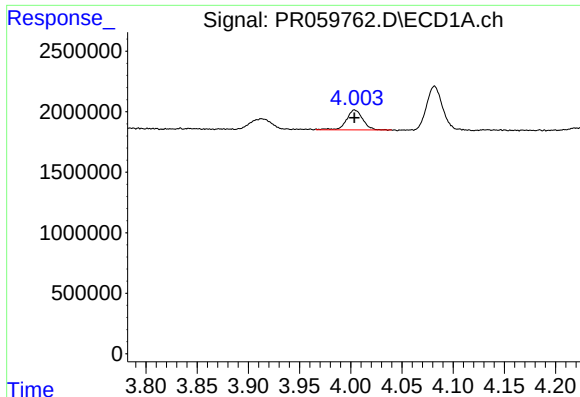
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 1469750
Conc: 47.93 ng/ml



#8 AR-1221-1

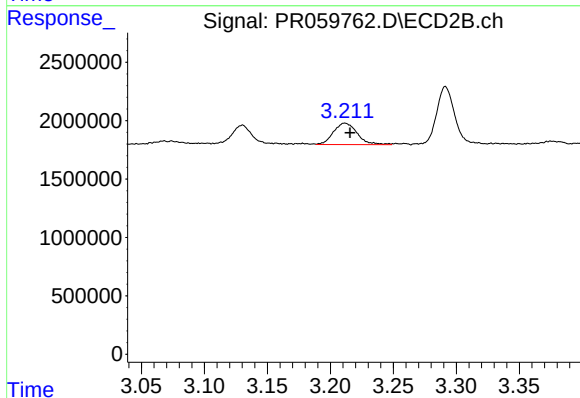
R.T.: 3.130 min
Delta R.T.: 0.000 min
Response: 1901698
Conc: 50.14 ng/ml



#9 AR-1221-2

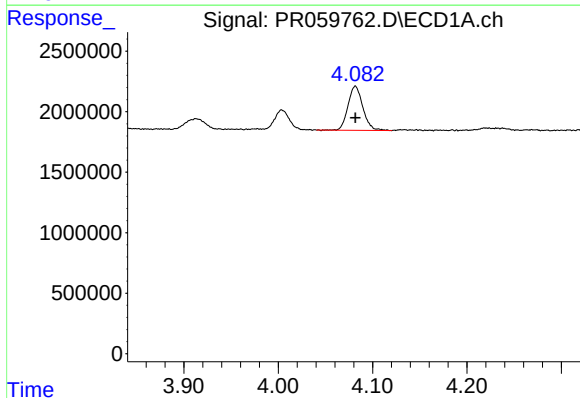
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1829533
Conc: 81.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



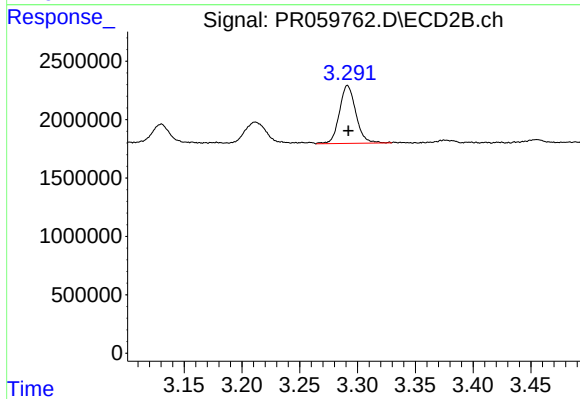
#9 AR-1221-2

R.T.: 3.212 min
Delta R.T.: -0.004 min
Response: 2438980
Conc: 86.45 ng/ml



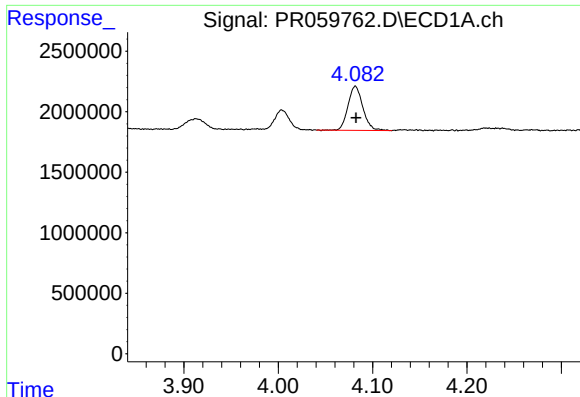
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 4001247
Conc: 59.64 ng/ml



#10 AR-1221-3

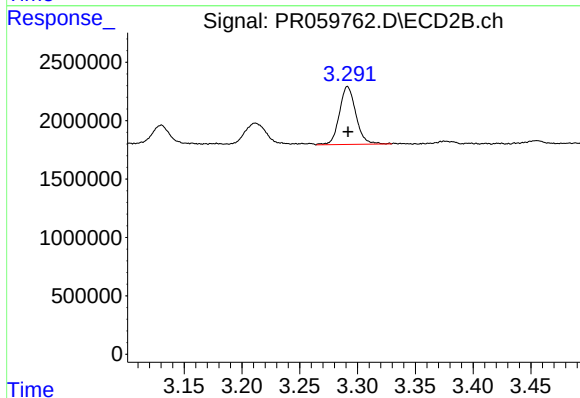
R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 4899782
Conc: 55.43 ng/ml



#11 AR-1232-1

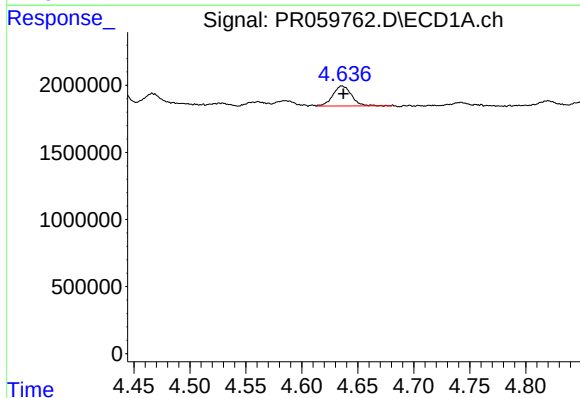
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 4001247
Conc: 57.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



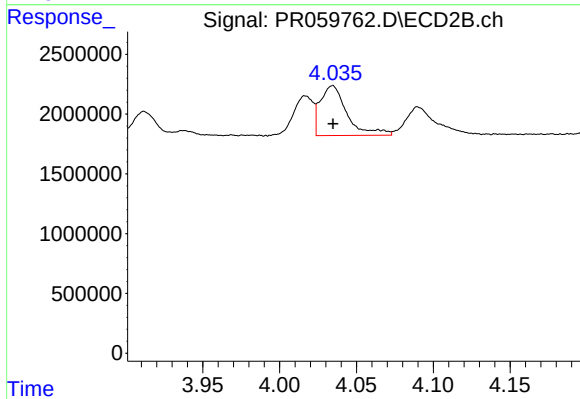
#11 AR-1232-1

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 4899782
Conc: 52.96 ng/ml



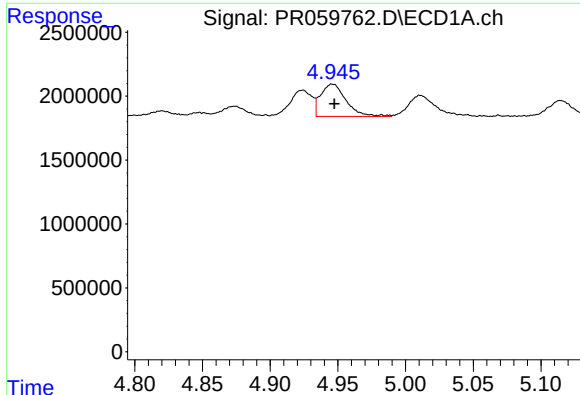
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: -0.001 min
Response: 1707545
Conc: 52.49 ng/ml



#12 AR-1232-2

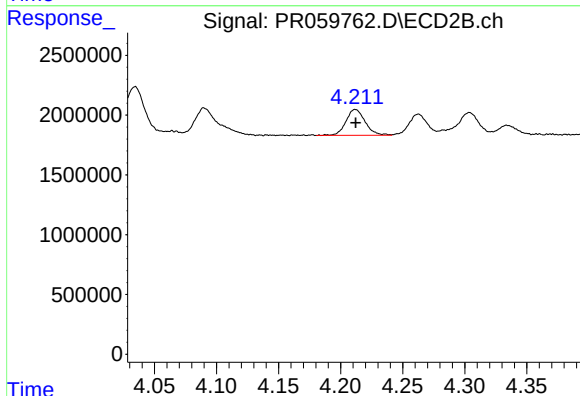
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 5075206
Conc: 57.58 ng/ml



#13 AR-1232-3

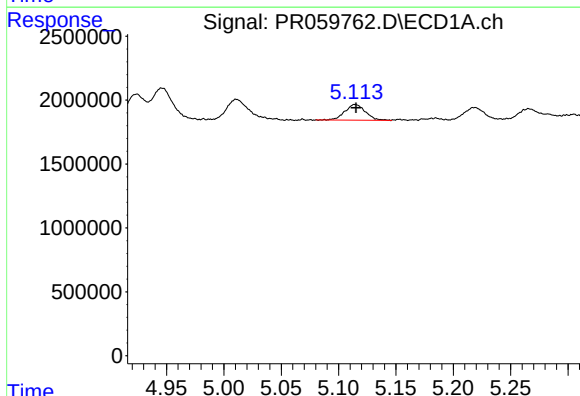
R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 3304102
Conc: 56.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



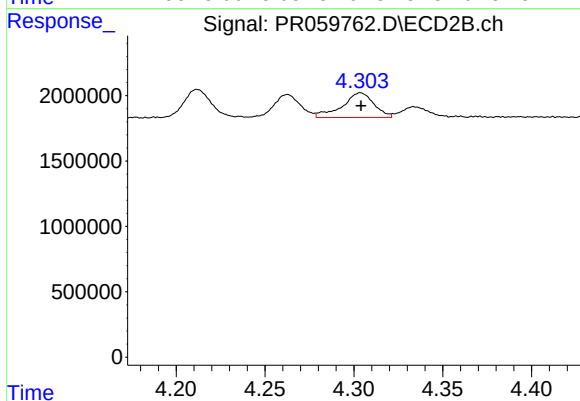
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 2329447
Conc: 52.14 ng/ml



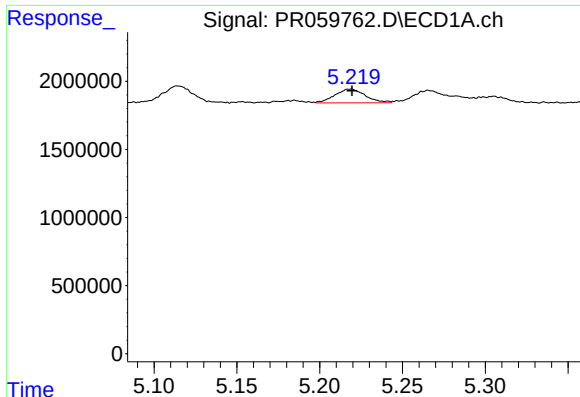
#14 AR-1232-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 1525700
Conc: 51.50 ng/ml



#14 AR-1232-4

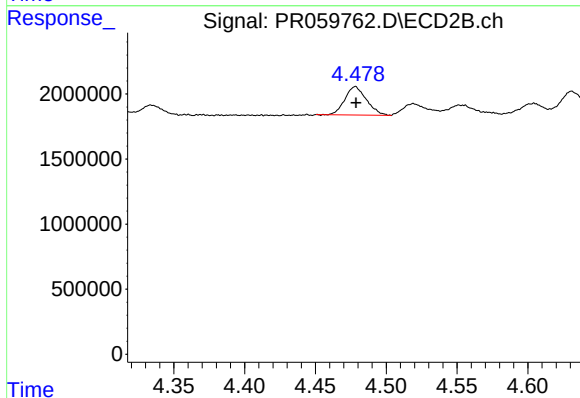
R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 2349199
Conc: 58.49 ng/ml



#15 AR-1232-5

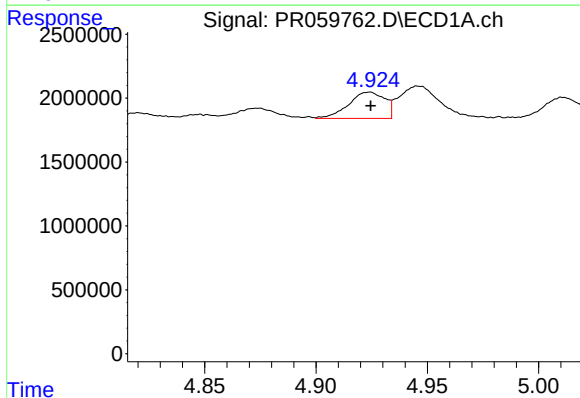
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 1291132
Conc: 57.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



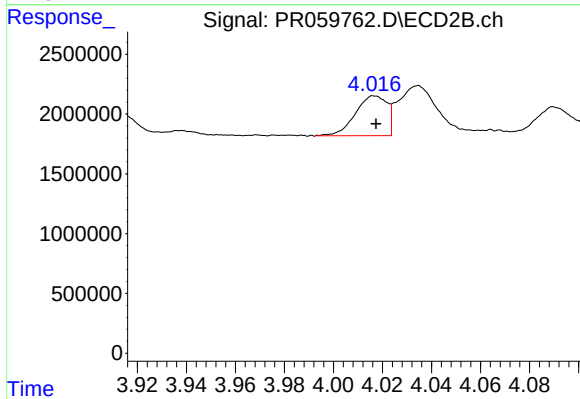
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2318256
Conc: 50.72 ng/ml



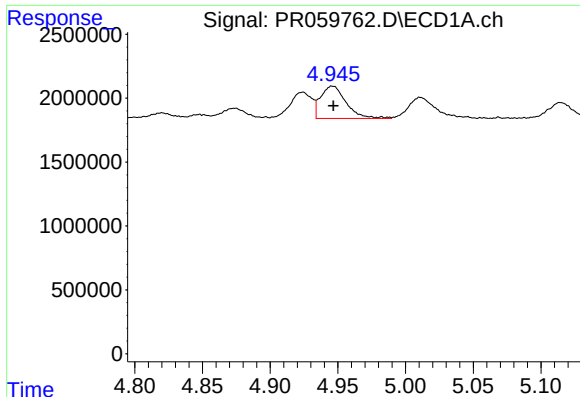
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 2316722
Conc: 31.71 ng/ml



#16 AR-1242-1

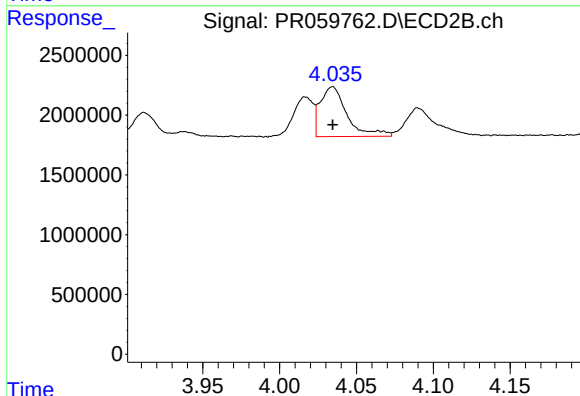
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2980114
Conc: 26.96 ng/ml



#17 AR-1242-2

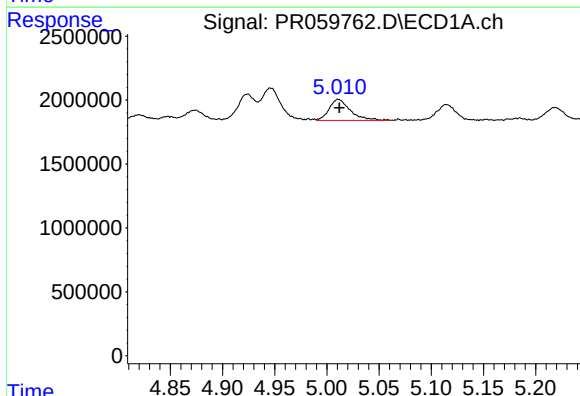
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 3304102
Conc: 32.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



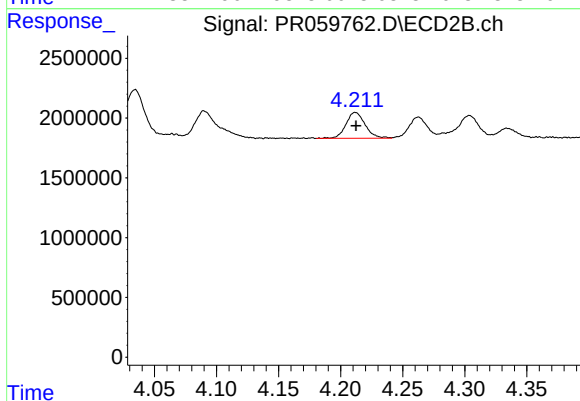
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 5075206
Conc: 31.42 ng/ml



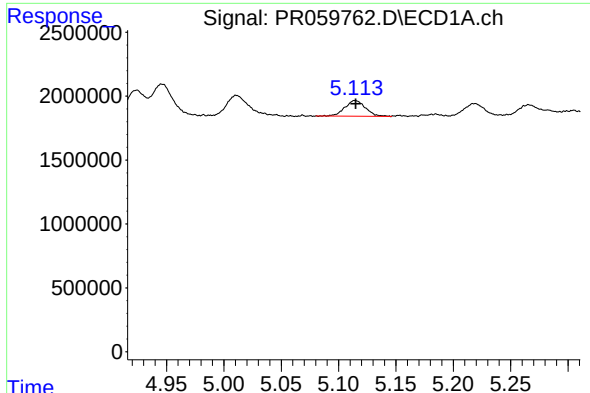
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 2321539
Conc: 35.34 ng/ml



#18 AR-1242-3

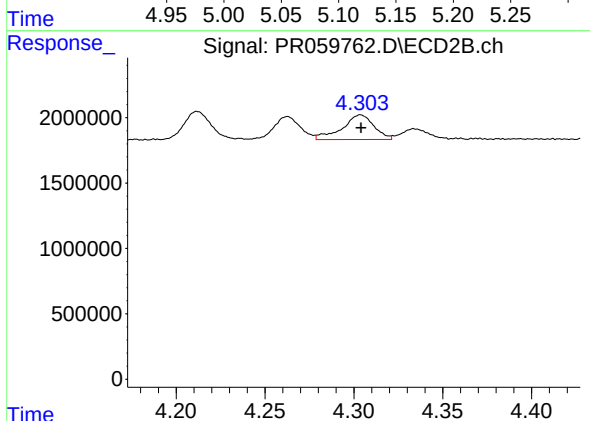
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 2329447
Conc: 27.94 ng/ml



#19 AR-1242-4

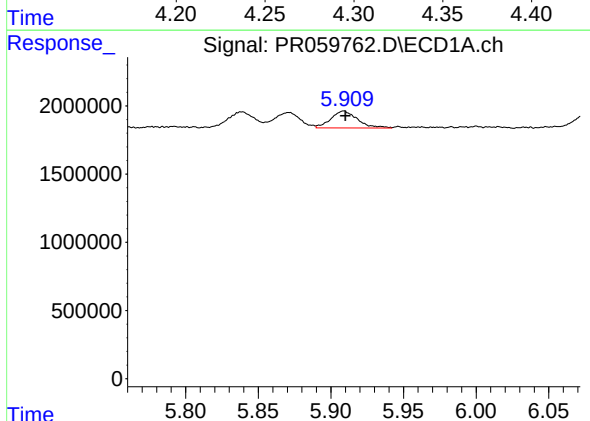
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 1525700
Conc: 29.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



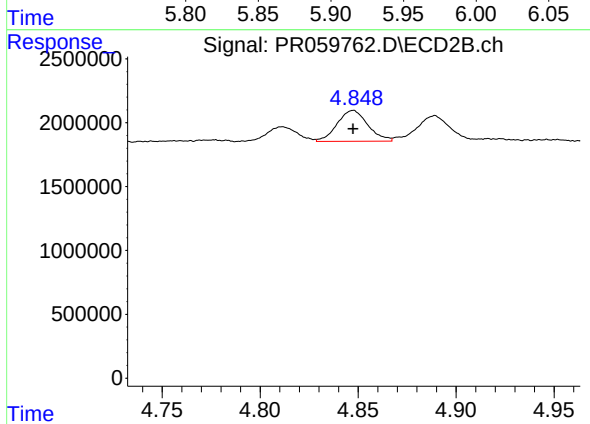
#19 AR-1242-4

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 2349199
Conc: 29.15 ng/ml



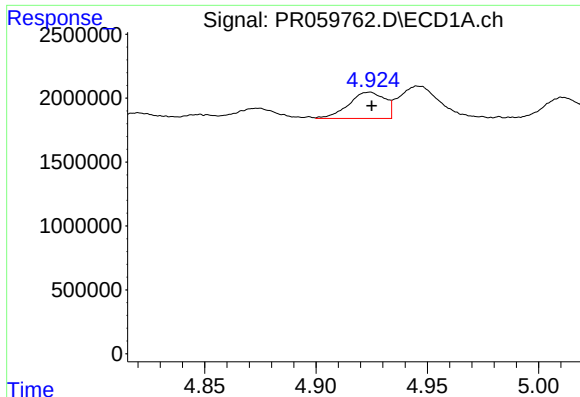
#20 AR-1242-5

R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 1595746
Conc: 29.74 ng/ml



#20 AR-1242-5

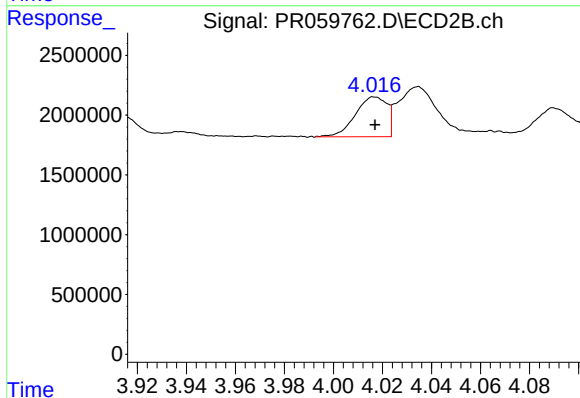
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 2649445
Conc: 26.41 ng/ml



#21 AR-1248-1

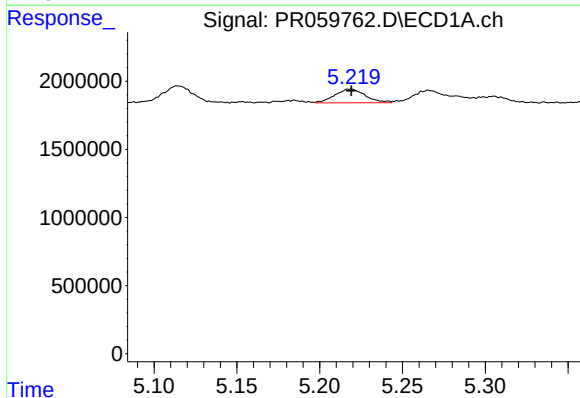
R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 2316722
Conc: 41.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



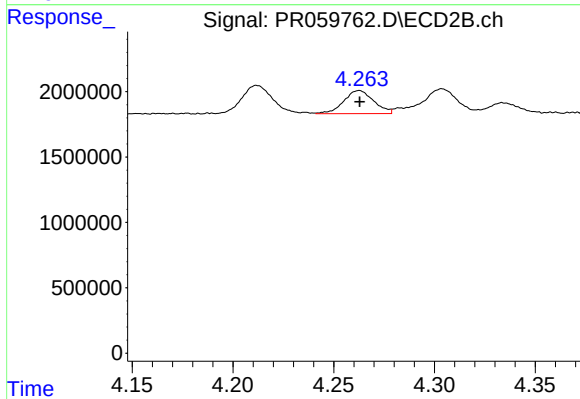
#21 AR-1248-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 2980114
Conc: 35.89 ng/ml



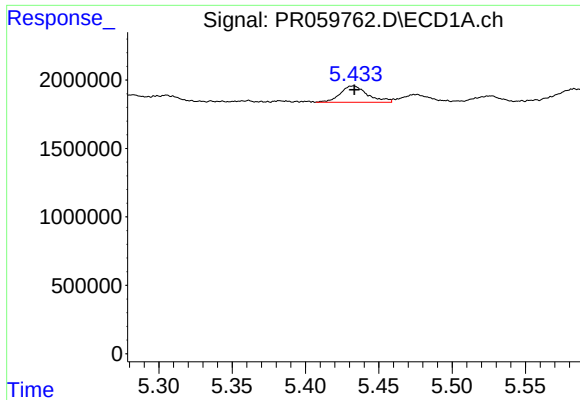
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 1291132
Conc: 17.43 ng/ml



#22 AR-1248-2

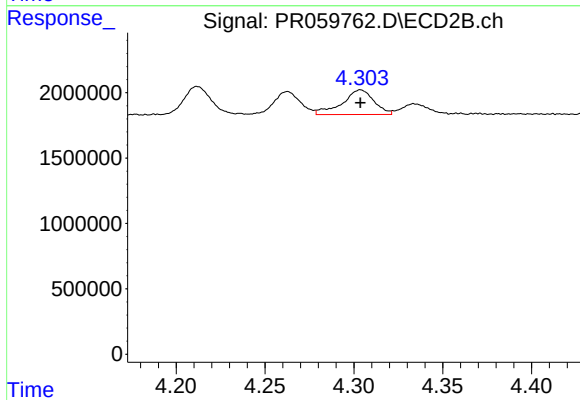
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1820998
Conc: 15.02 ng/ml



#23 AR-1248-3

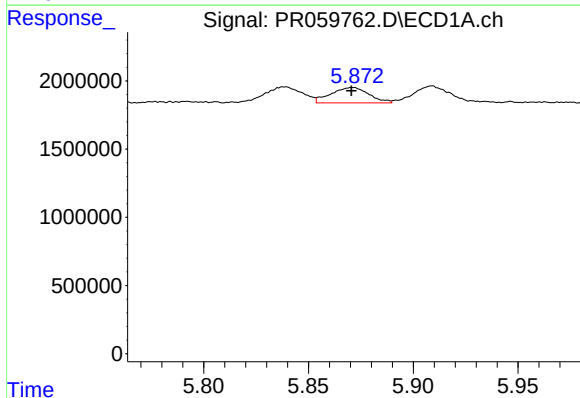
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 1551621
Conc: 18.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



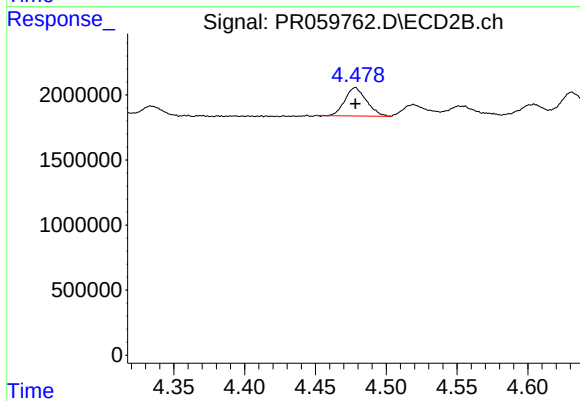
#23 AR-1248-3

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 2349199
Conc: 19.23 ng/ml



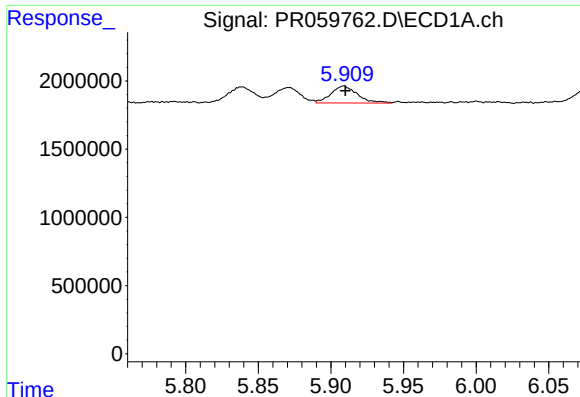
#24 AR-1248-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 1434587
Conc: 16.04 ng/ml



#24 AR-1248-4

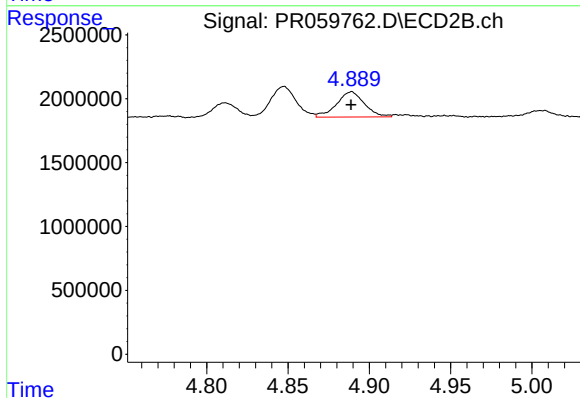
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 2318256
Conc: 15.53 ng/ml



#25 AR-1248-5

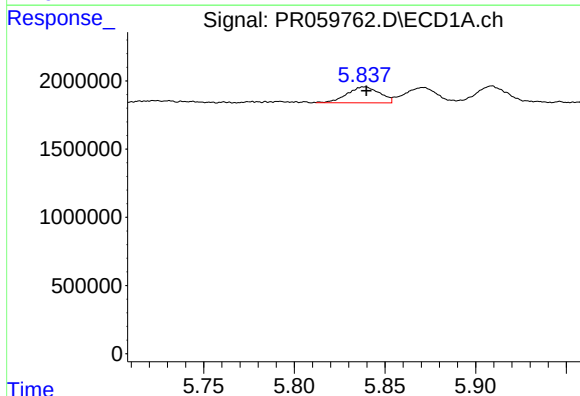
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 1595746
Conc: 17.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



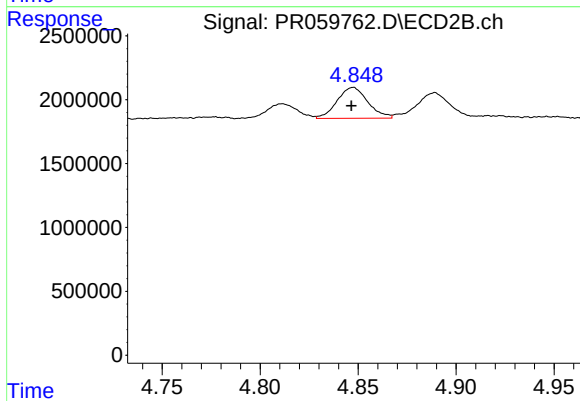
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 2372681
Conc: 17.14 ng/ml



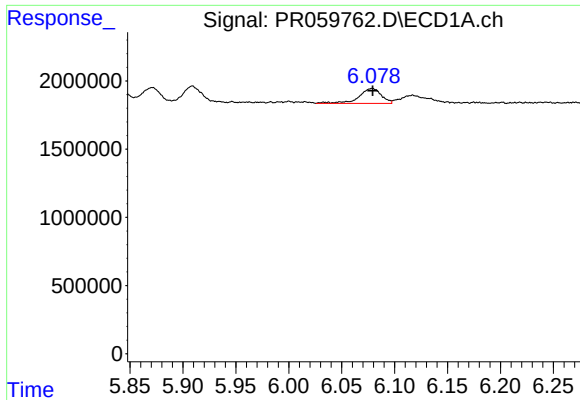
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 1463797
Conc: 15.72 ng/ml



#26 AR-1254-1

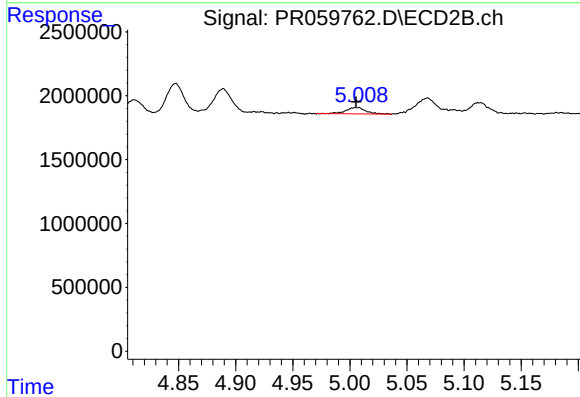
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 2649445
Conc: 11.67 ng/ml



#27 AR-1254-2

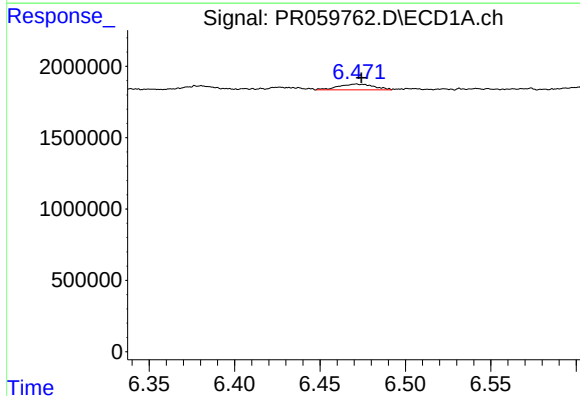
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1608794
Conc: 11.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



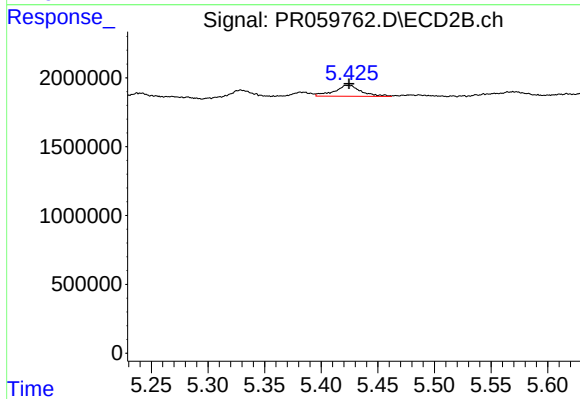
#27 AR-1254-2

R.T.: 5.007 min
Delta R.T.: 0.001 min
Response: 613375
Conc: 3.15 ng/ml



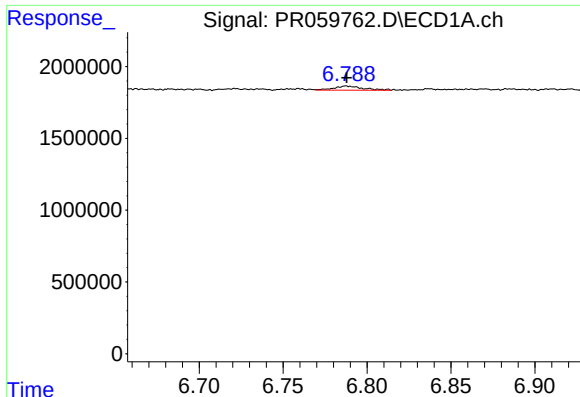
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 591101
Conc: 4.02 ng/ml



#28 AR-1254-3

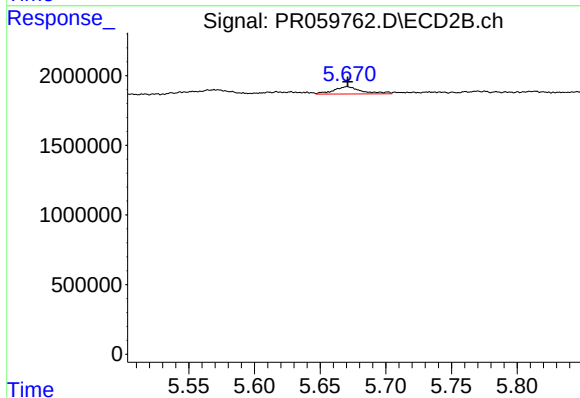
R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 1311472
Conc: 4.22 ng/ml



#29 AR-1254-4

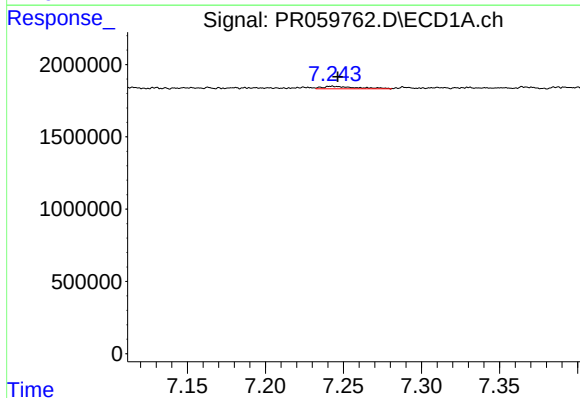
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 352093
Conc: 3.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



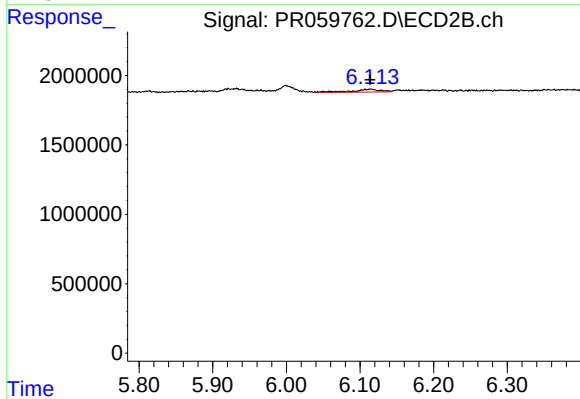
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 780947
Conc: 4.33 ng/ml



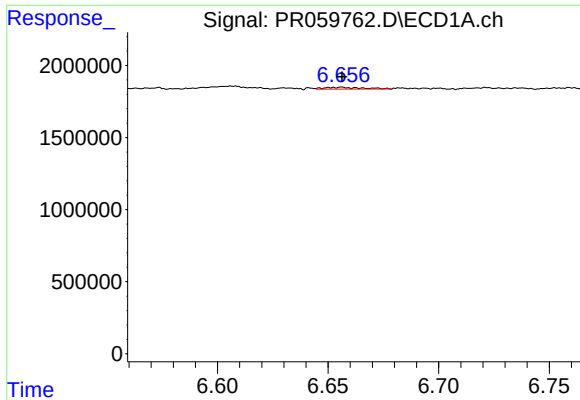
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.004 min
Response: 252681
Conc: 2.12 ng/ml



#30 AR-1254-5

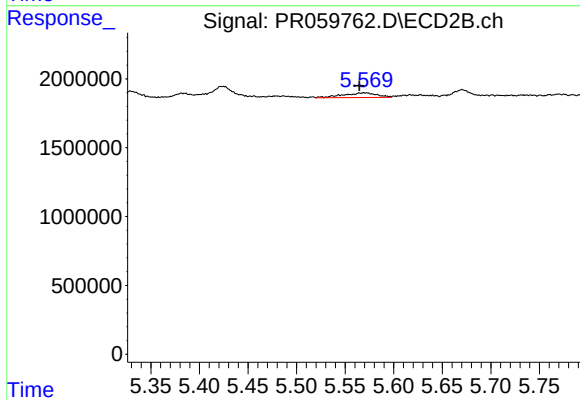
R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 542701
Conc: 1.97 ng/ml



#31 AR-1260-1

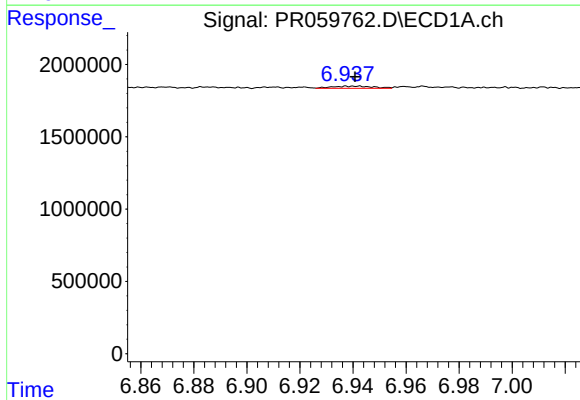
R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 147014
Conc: 1.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



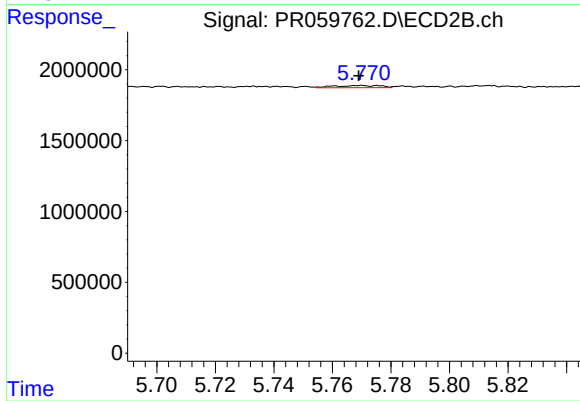
#31 AR-1260-1

R.T.: 5.570 min
Delta R.T.: 0.005 min
Response: 835451
Conc: 3.64 ng/ml



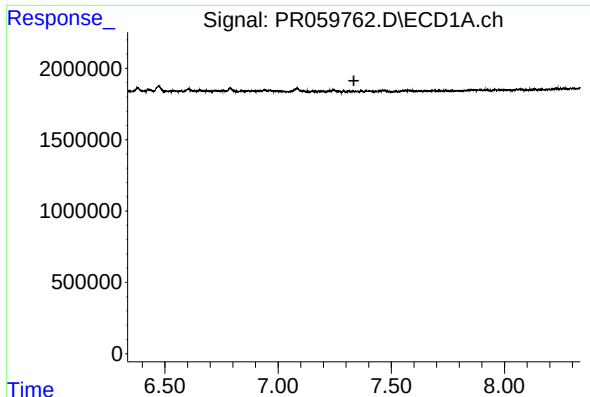
#32 AR-1260-2

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 162800
Conc: 1.17 ng/ml



#32 AR-1260-2

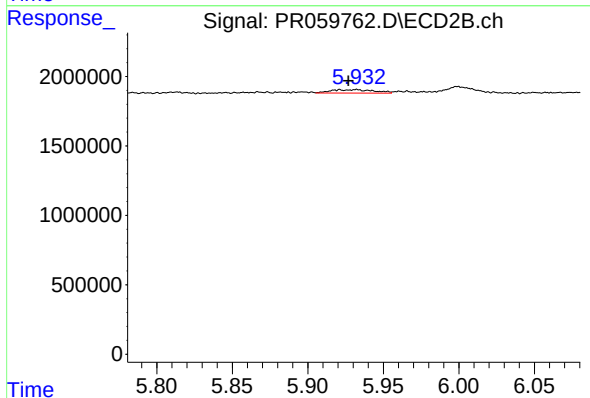
R.T.: 5.775 min
Delta R.T.: 0.007 min
Response: 177981
Conc: 0.66 ng/ml



#33 AR-1260-3

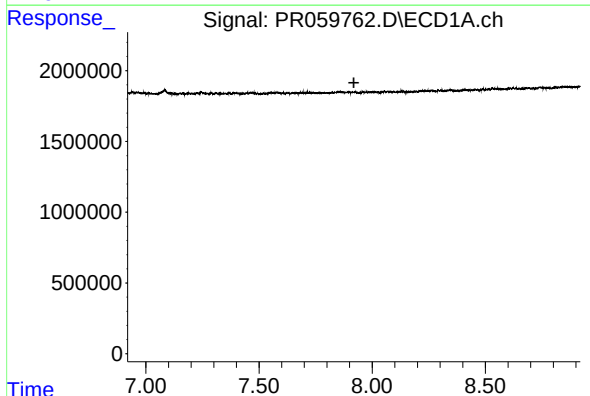
R.T.: 0.000 min
Exp R.T.: 7.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



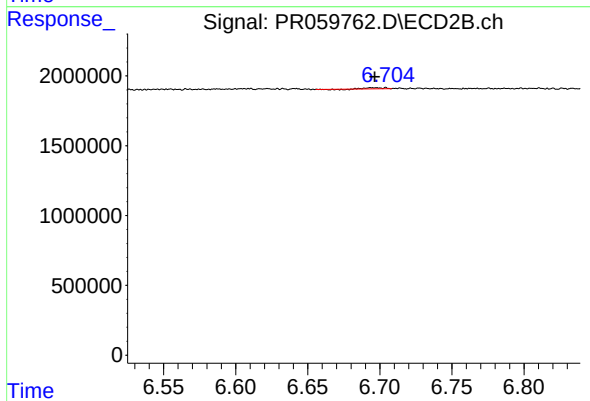
#33 AR-1260-3

R.T.: 5.932 min
Delta R.T.: 0.006 min
Response: 488313
Conc: 1.90 ng/ml



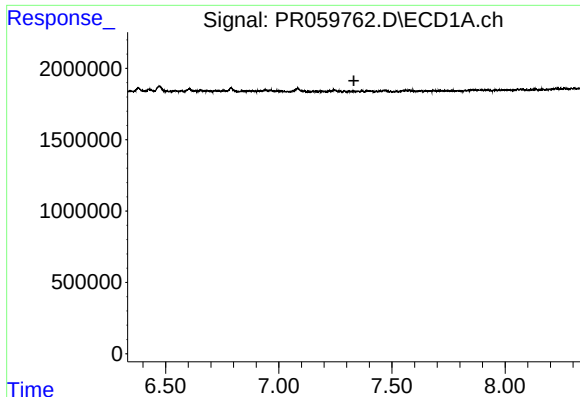
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.919 min
Response: 0
Conc: N.D.



#35 AR-1260-5

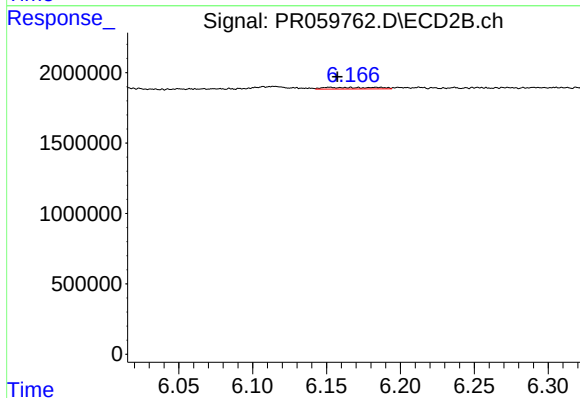
R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 51676
Conc: 0.11 ng/ml



#36 AR-1262-1

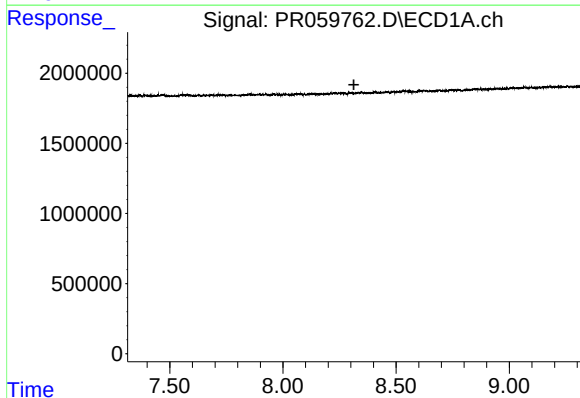
R.T.: 0.000 min
Exp R.T.: 7.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



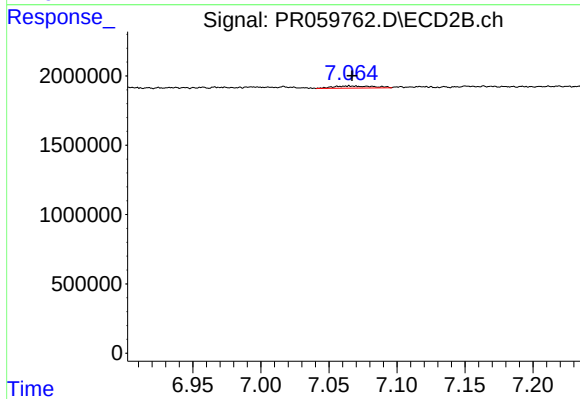
#36 AR-1262-1

R.T.: 6.172 min
Delta R.T.: 0.014 min
Response: 282360
Conc: 0.98 ng/ml



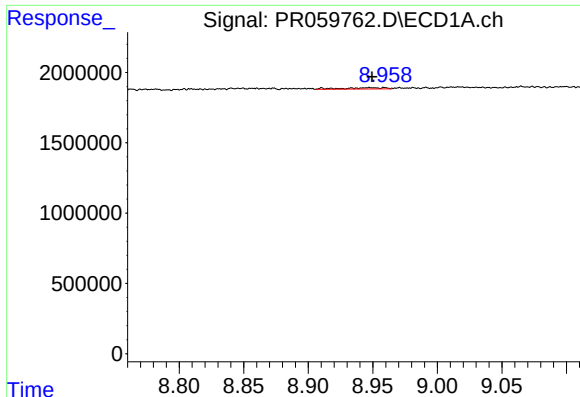
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.314 min
Response: 0
Conc: N.D.



#39 AR-1262-4

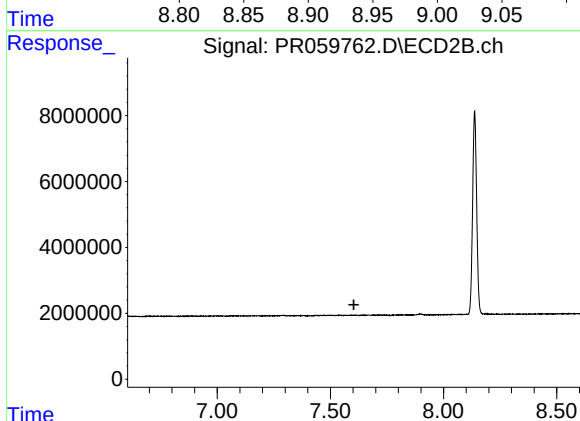
R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 327294
Conc: 0.90 ng/ml



#40 AR-1262-5

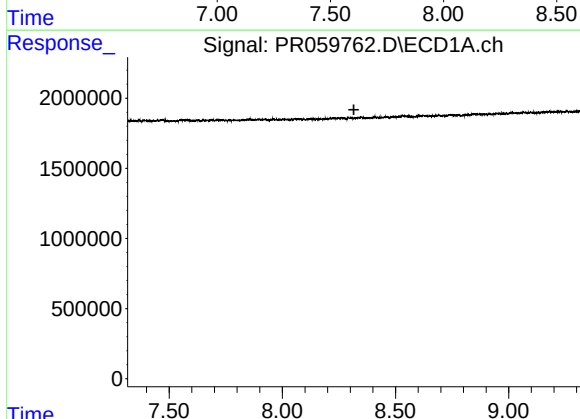
R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 211988
Conc: 2.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



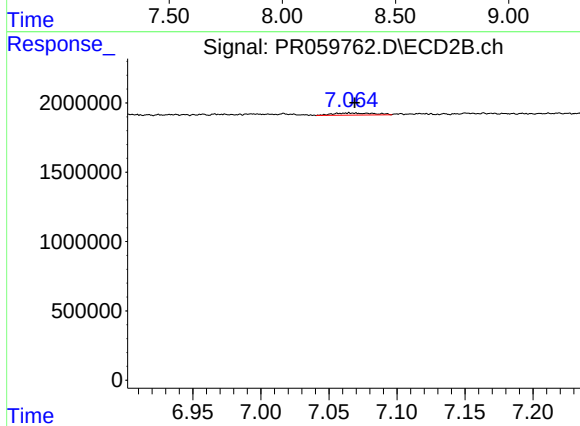
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.604 min
Response: 0
Conc: N.D.



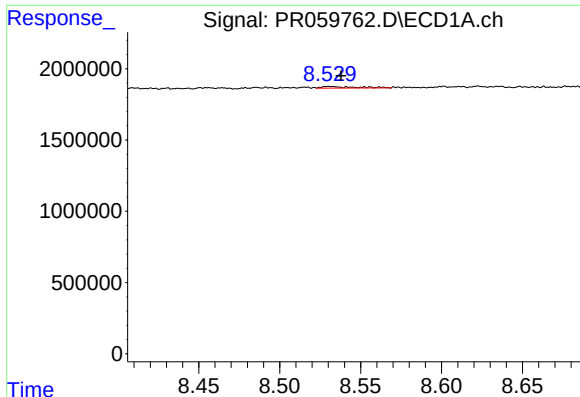
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.316 min
Response: 0
Conc: N.D.



#42 AR-1268-2

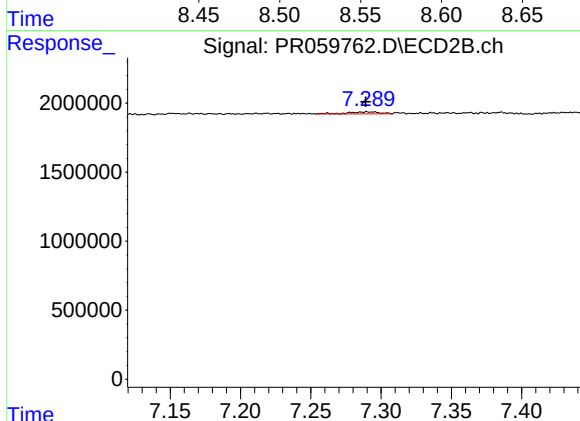
R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 327294
Conc: 0.59 ng/ml



#43 AR-1268-3

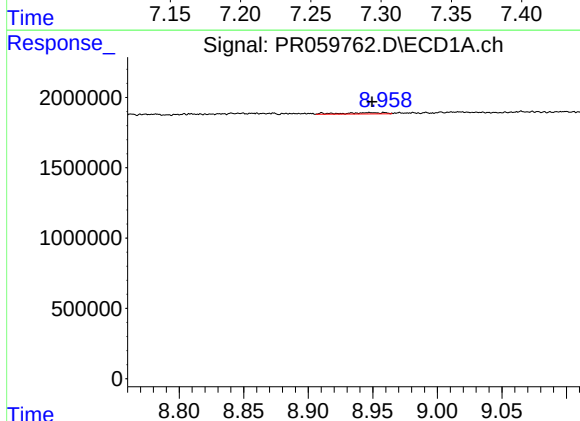
R.T.: 8.531 min
Delta R.T.: -0.007 min
Response: 163654
Conc: 0.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



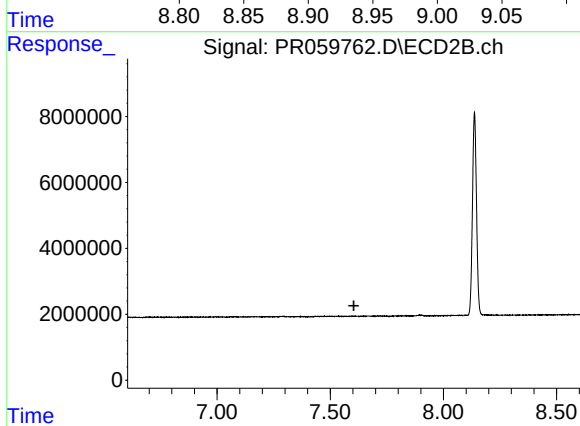
#43 AR-1268-3

R.T.: 7.295 min
Delta R.T.: 0.006 min
Response: 219819
Conc: 0.45 ng/ml



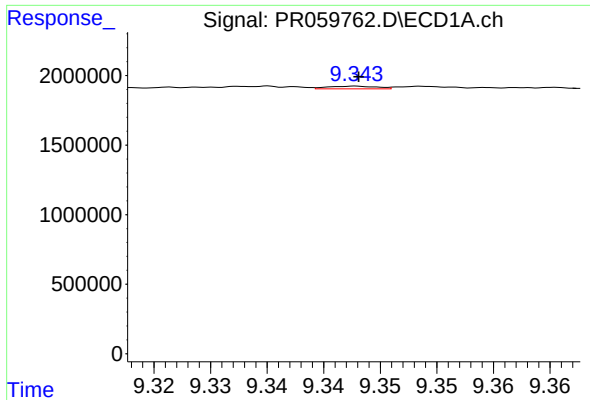
#44 AR-1268-4

R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 211988
Conc: 1.93 ng/ml



#44 AR-1268-4

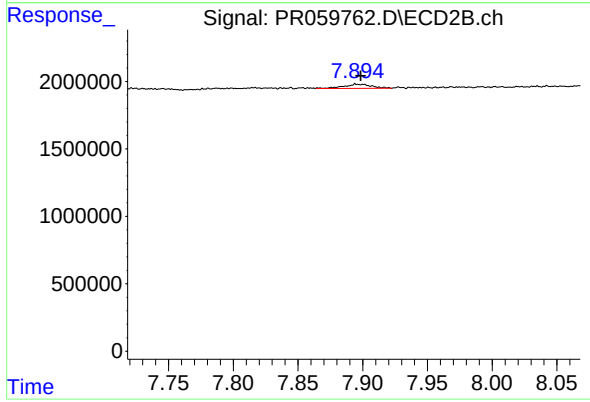
R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 58591
Conc: 0.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.895 min
Delta R.T.: -0.003 min
Response: 462596
Conc: 0.31 ng/ml