

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059774.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 03:22
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:07:16 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	57788726	83573572	19.342	19.308
2)	SA Decachlor...	9.659	8.137	53023768	75848348	23.117	21.500
Target Compounds							
3)	L1 AR-1016-1	4.923	4.016	4305829	5569075	46.906	39.417
4)	L1 AR-1016-2	4.946	4.034	5838482	8230845	44.839	40.216
5)	L1 AR-1016-3	5.011	4.211	3500679	4088800	42.025	38.308
6)	L1 AR-1016-4	5.114	4.263	2774570	3335813	42.252	38.692
7)	L1 AR-1016-5	5.432	4.478	2992180	4538144	45.443	40.534
8)	L2 AR-1221-1	3.907	3.128	648386	1510330	21.145	39.822 #
9)	L2 AR-1221-2	4.004	3.209	1352431	1716851	60.084	60.853
10)	L2 AR-1221-3	4.082	3.291	2696714	3408083	40.197	38.554
11)	L3 AR-1232-1	4.082	3.291	2696714	3408083	38.772	36.837
12)	L3 AR-1232-2	4.637	4.034	3339996	8230845	102.668	93.384
13)	L3 AR-1232-3	4.946	4.211	5838482	4088800	99.754	91.522
14)	L3 AR-1232-4	5.114	4.303	2774570	4259389	93.653	106.052
15)	L3 AR-1232-5	5.219	4.478	2342714	4538144	104.252	99.294
16)	L4 AR-1242-1	4.923	4.016	4305829	5569075	58.941	50.374
17)	L4 AR-1242-2	4.946	4.034	5838482	8230845	57.068	50.951
18)	L4 AR-1242-3	5.011	4.211	3500679	4088800	53.297	49.050
19)	L4 AR-1242-4	5.114	4.303	2774570	4259389	53.117	52.846
20)	L4 AR-1242-5	5.908	4.847	3083184	5245879	57.470	52.289
21)	L5 AR-1248-1	4.923	4.016	4305829	5569075	77.543	67.071
22)	L5 AR-1248-2	5.219	4.263	2342714	3335813	31.626	27.507
23)	L5 AR-1248-3	5.432	4.303	2992180	4259389	34.995	34.874
24)	L5 AR-1248-4	5.869	4.478	2597663	4538144	29.050	30.407
25)	L5 AR-1248-5	5.908	4.888	3083184	4464982	34.434	32.261
26)	L6 AR-1254-1	5.839	4.847	2627603	5245879	28.221	23.113
27)	L6 AR-1254-2	6.078	5.005	2914790	1345257	20.624	6.901 #
28)	L6 AR-1254-3	6.472	5.423	1177014	1959151	8.014	6.304
29)	L6 AR-1254-4	6.789	5.669	618054	1484209	5.829	8.226 #
30)	L6 AR-1254-5	7.242	6.112	337644	419456	2.838	1.525 #
31)	L7 AR-1260-1	0.000	5.573	0	1444201	N.D.	6.286 #
32)	L7 AR-1260-2	6.935	5.765	204924	274162	1.472	1.014 #
33)	L7 AR-1260-3	0.000	5.930	0	703620	N.D.	2.738 #
34)	L7 AR-1260-4	7.551f	6.422	155072	69028	1.263	0.324 #
36)	L8 AR-1262-1	0.000	6.140f	0	68417	N.D.	0.236 #
37)	L8 AR-1262-2	0.000	6.422	0	69028	N.D.	0.269 #
38)	L8 AR-1262-3	8.238	0.000	103276	0	0.604	N.D. #
39)	L8 AR-1262-4	8.316	7.075	153499	172192	1.158	0.472 #
40)	L8 AR-1262-5	8.977f	0.000	77241	0	0.815	N.D. #
41)	L9 AR-1268-1	8.238	0.000	103276	0	0.337	N.D. #
42)	L9 AR-1268-2	8.316	7.075	153499	172192	0.552	0.311 #

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 Sample : 01627-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 51 Sample Multiplier: 1

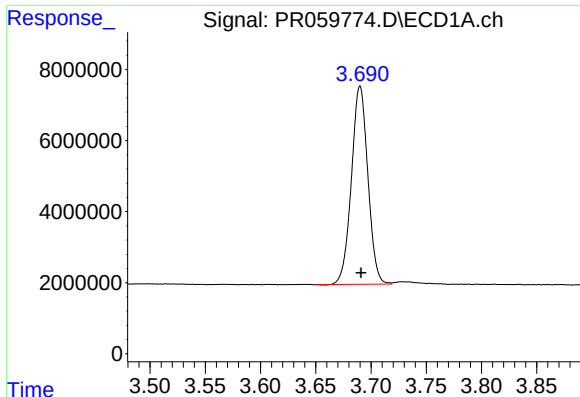
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:07:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
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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
43) L9	AR-1268-3	8.542	7.288	389042	562140	1.559	1.161 #
44) L9	AR-1268-4	8.977f	0.000	77241	0	0.703	N.D. #
45) L9	AR-1268-5	9.340	7.898	391870	509975	0.493	0.346 #

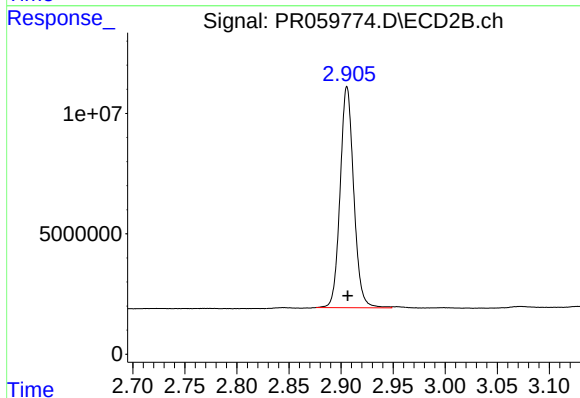
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

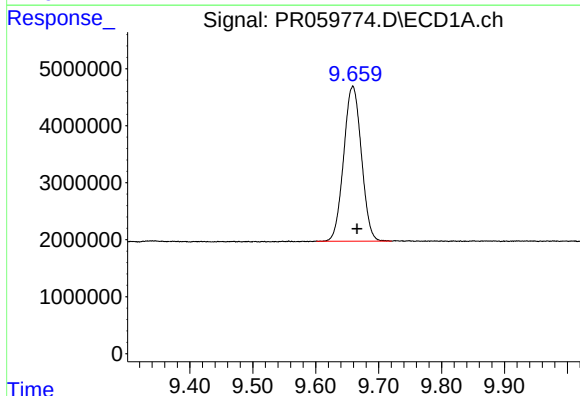
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 57788726
Conc: 19.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



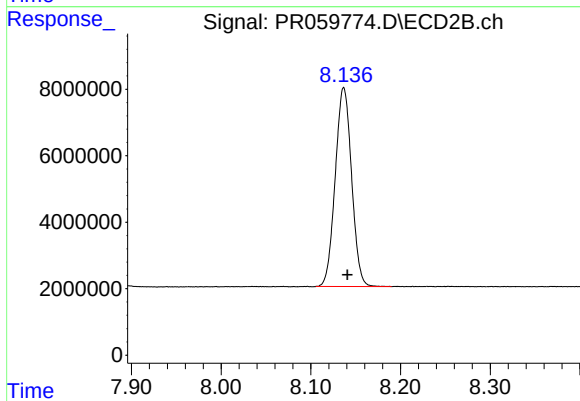
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 83573572
Conc: 19.31 ng/ml



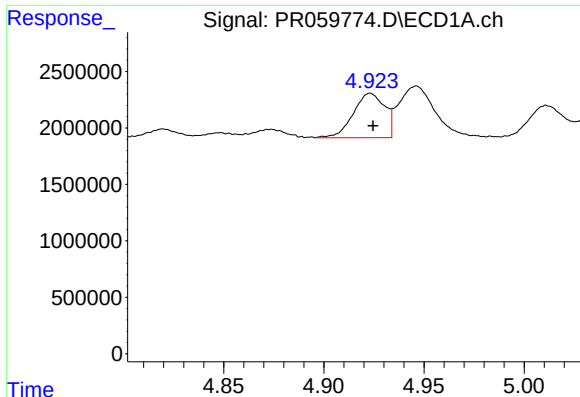
#2 Decachlorobiphenyl

R.T.: 9.659 min
Delta R.T.: -0.007 min
Response: 53023768
Conc: 23.12 ng/ml



#2 Decachlorobiphenyl

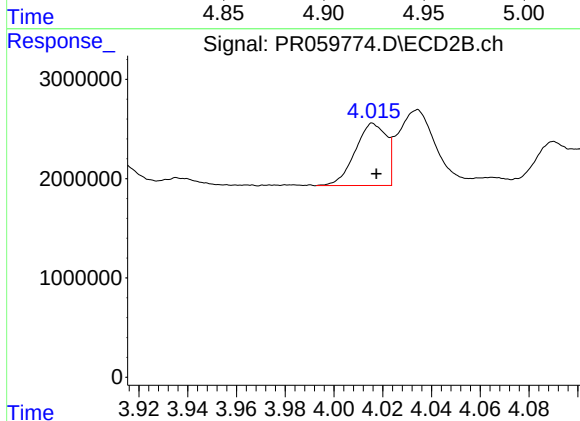
R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 75848348
Conc: 21.50 ng/ml



#3 AR-1016-1

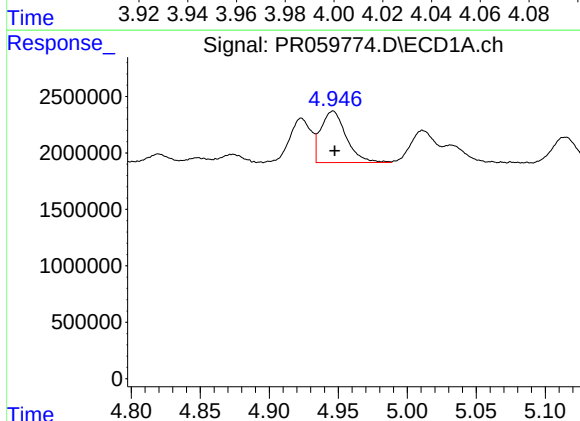
R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 4305829
Conc: 46.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



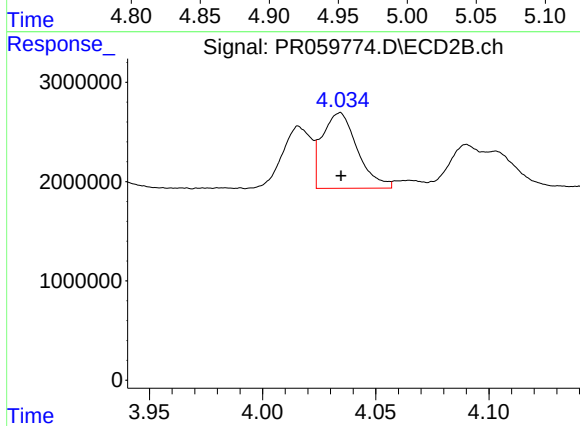
#3 AR-1016-1

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 5569075
Conc: 39.42 ng/ml



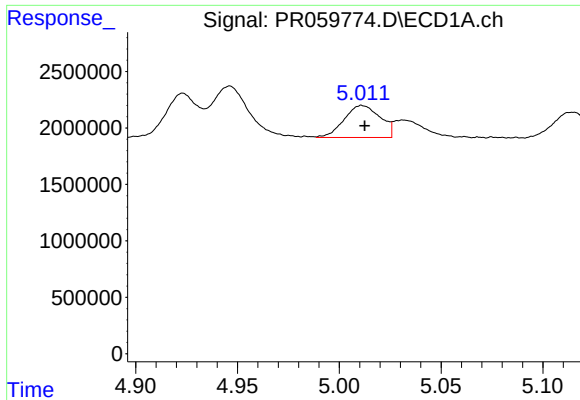
#4 AR-1016-2

R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 5838482
Conc: 44.84 ng/ml



#4 AR-1016-2

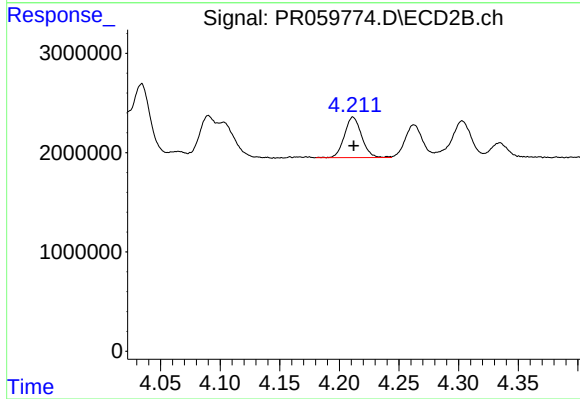
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 8230845
Conc: 40.22 ng/ml



#5 AR-1016-3

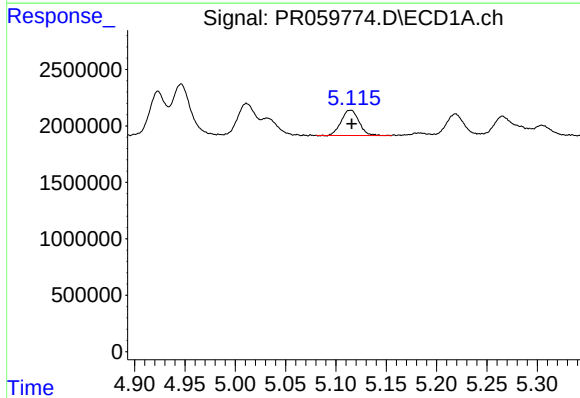
R.T.: 5.011 min
Delta R.T.: -0.001 min
Response: 3500679
Conc: 42.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



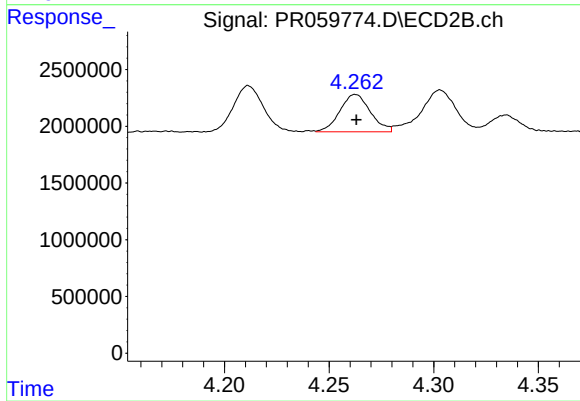
#5 AR-1016-3

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 4088800
Conc: 38.31 ng/ml



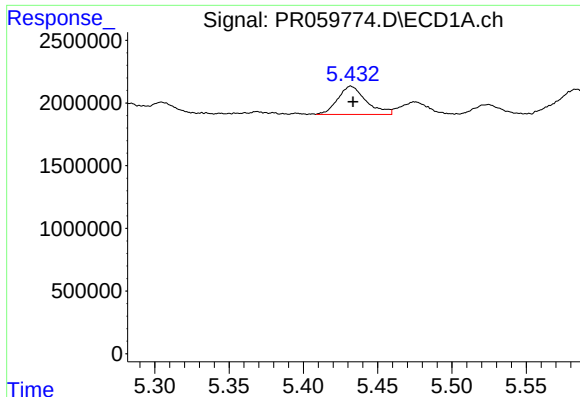
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 2774570
Conc: 42.25 ng/ml



#6 AR-1016-4

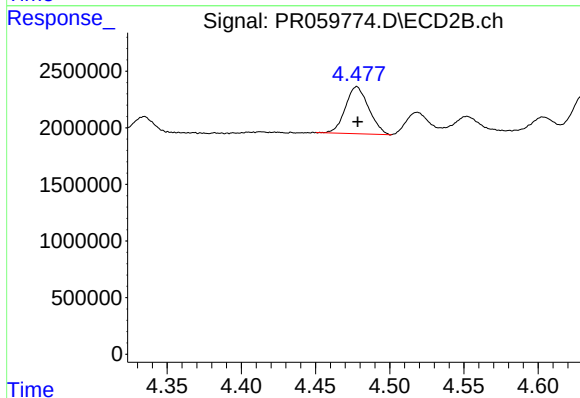
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 3335813
Conc: 38.69 ng/ml



#7 AR-1016-5

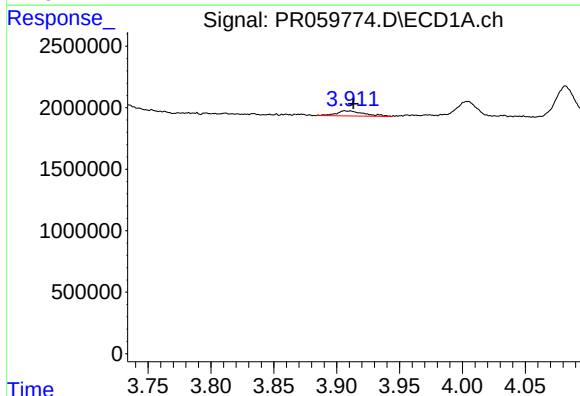
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 2992180
Conc: 45.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



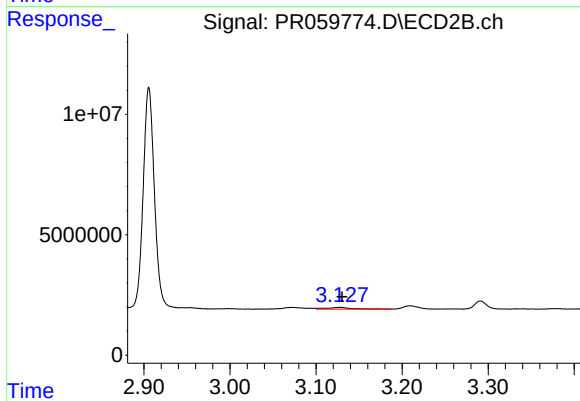
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 4538144
Conc: 40.53 ng/ml



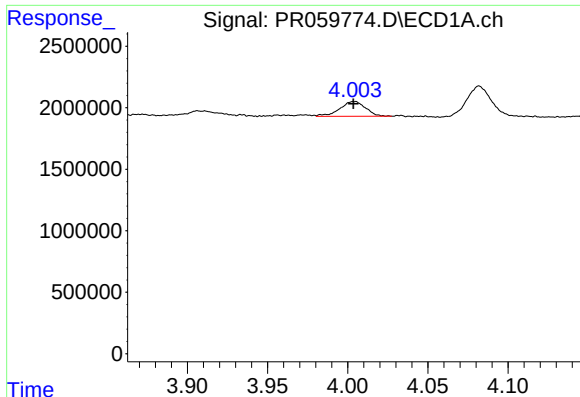
#8 AR-1221-1

R.T.: 3.907 min
Delta R.T.: -0.007 min
Response: 648386
Conc: 21.15 ng/ml



#8 AR-1221-1

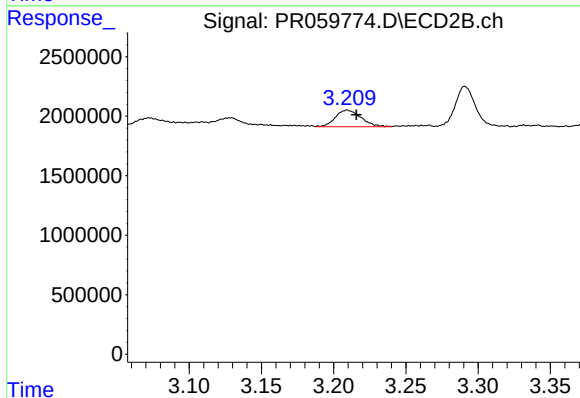
R.T.: 3.128 min
Delta R.T.: -0.002 min
Response: 1510330
Conc: 39.82 ng/ml



#9 AR-1221-2

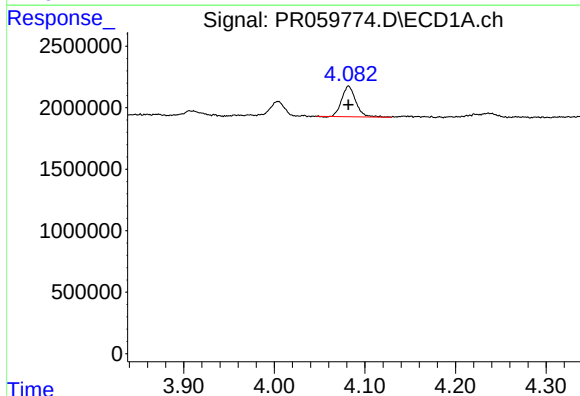
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1352431
Conc: 60.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



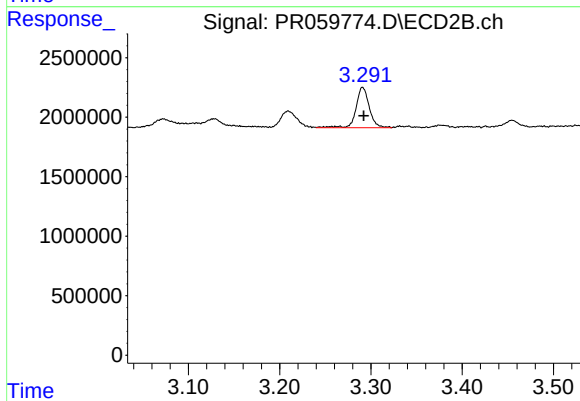
#9 AR-1221-2

R.T.: 3.209 min
Delta R.T.: -0.006 min
Response: 1716851
Conc: 60.85 ng/ml



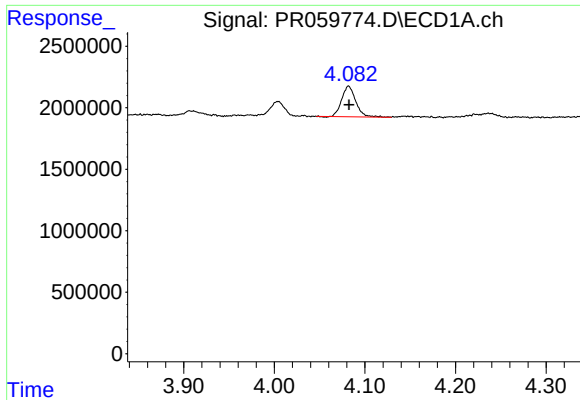
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 2696714
Conc: 40.20 ng/ml



#10 AR-1221-3

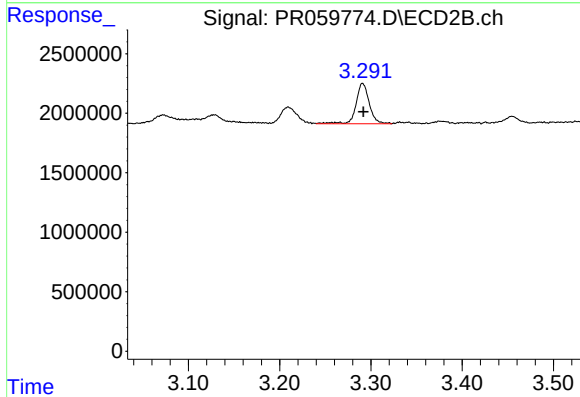
R.T.: 3.291 min
Delta R.T.: -0.001 min
Response: 3408083
Conc: 38.55 ng/ml



#11 AR-1232-1

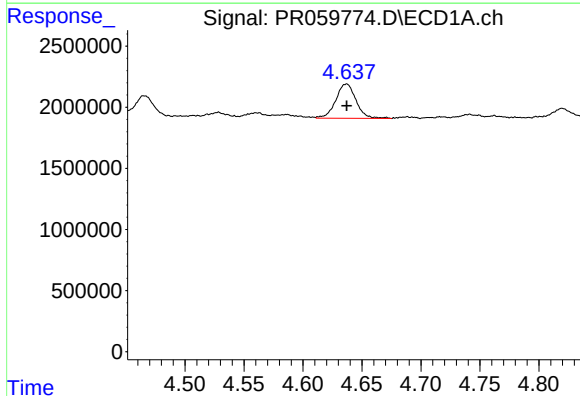
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 2696714
Conc: 38.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



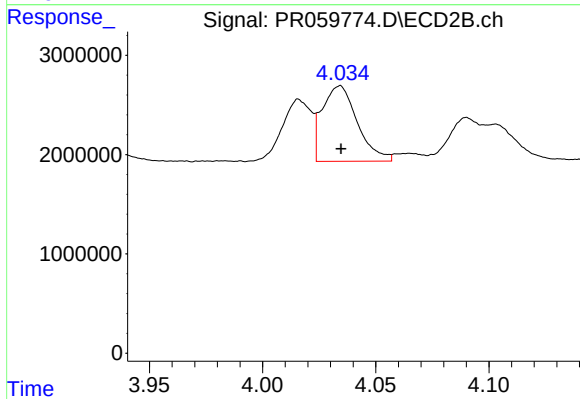
#11 AR-1232-1

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 3408083
Conc: 36.84 ng/ml



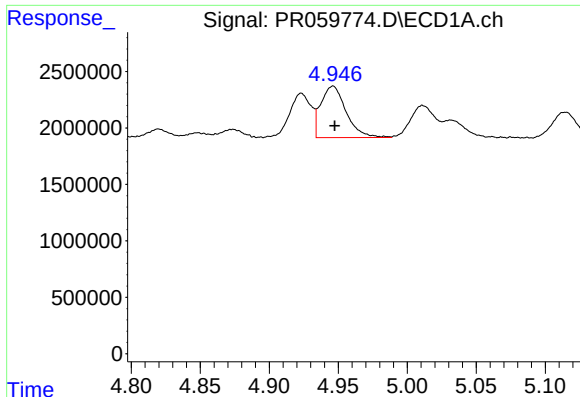
#12 AR-1232-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 3339996
Conc: 102.67 ng/ml



#12 AR-1232-2

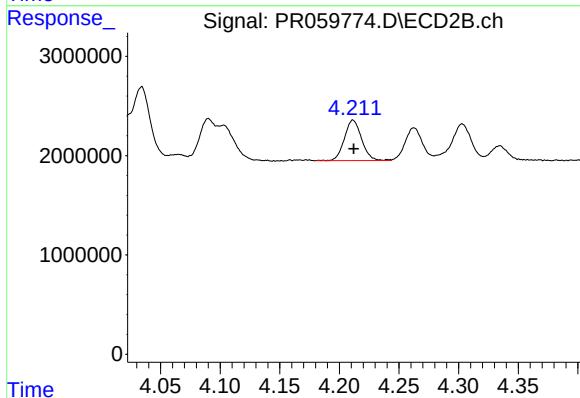
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 8230845
Conc: 93.38 ng/ml



#13 AR-1232-3

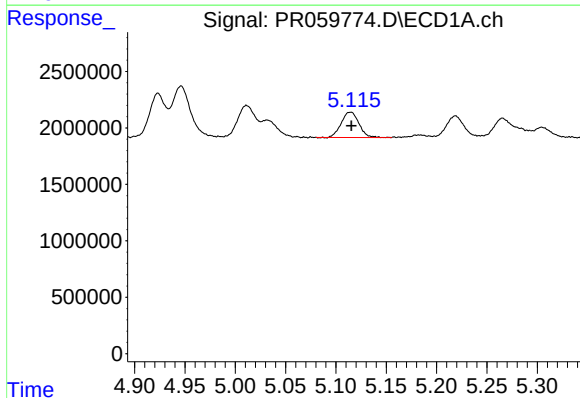
R.T.: 4.946 min
Delta R.T.: -0.001 min
Response: 5838482
Conc: 99.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



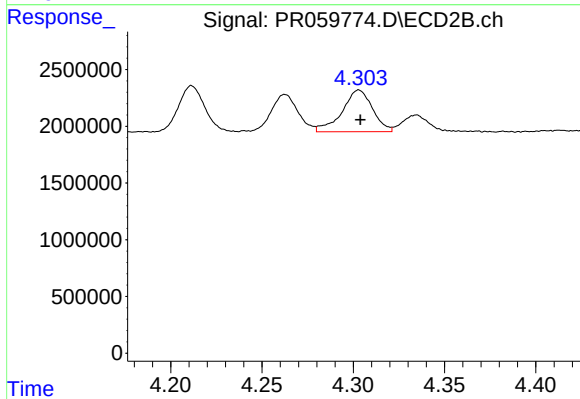
#13 AR-1232-3

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 4088800
Conc: 91.52 ng/ml



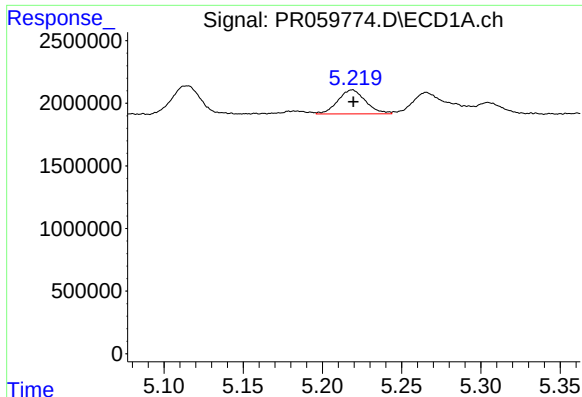
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 2774570
Conc: 93.65 ng/ml



#14 AR-1232-4

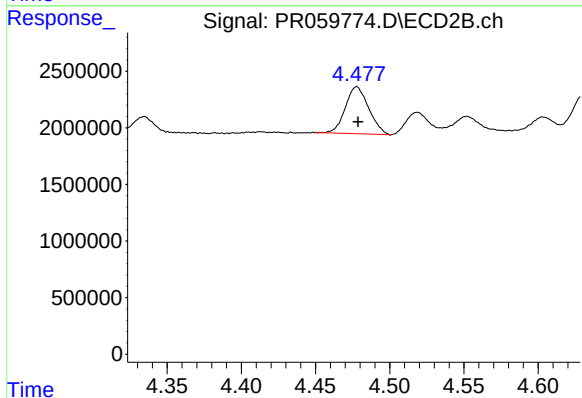
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 4259389
Conc: 106.05 ng/ml



#15 AR-1232-5

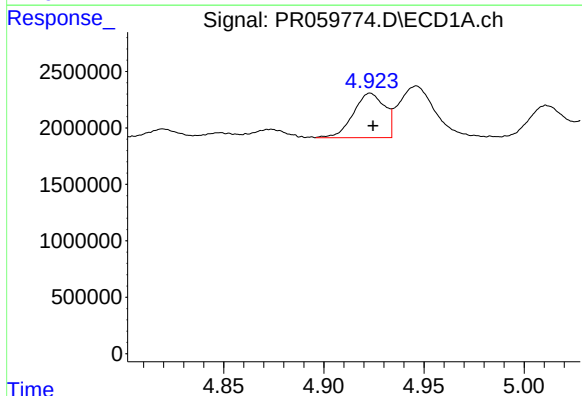
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 2342714
Conc: 104.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



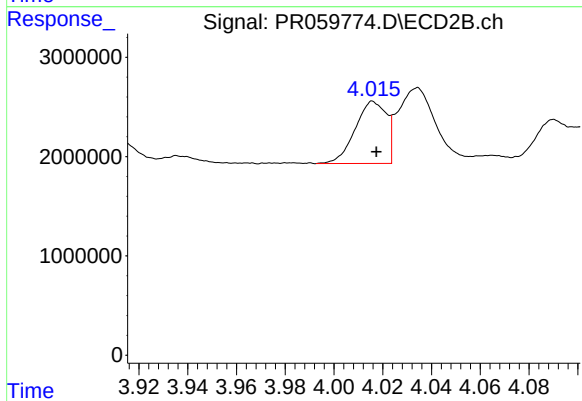
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 4538144
Conc: 99.29 ng/ml



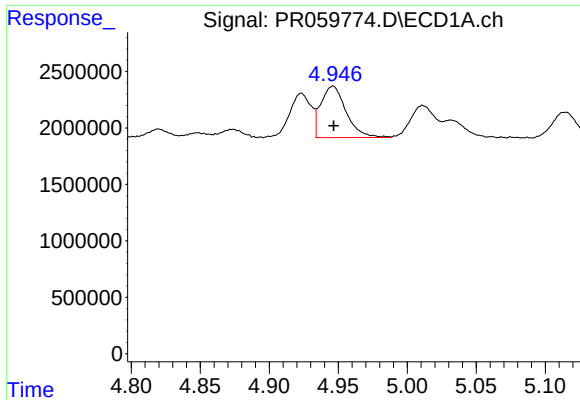
#16 AR-1242-1

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 4305829
Conc: 58.94 ng/ml



#16 AR-1242-1

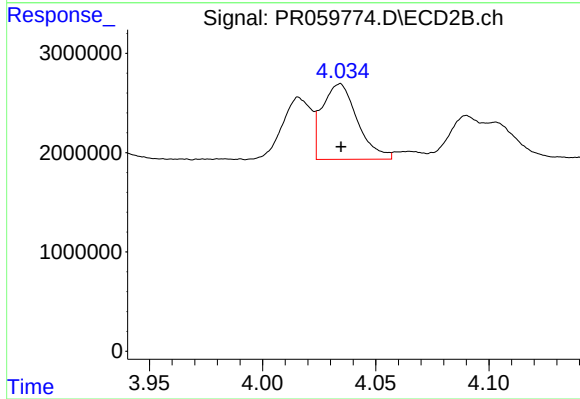
R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 5569075
Conc: 50.37 ng/ml



#17 AR-1242-2

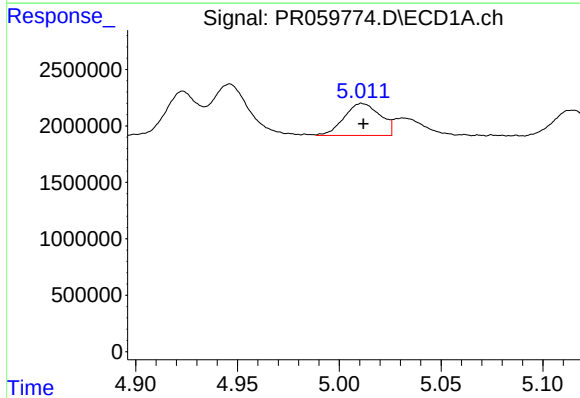
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 5838482
Conc: 57.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



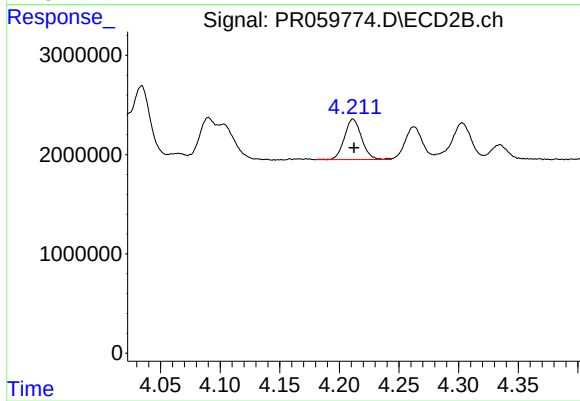
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 8230845
Conc: 50.95 ng/ml



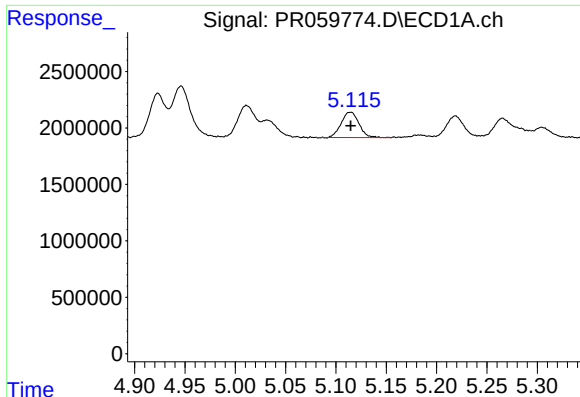
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 3500679
Conc: 53.30 ng/ml



#18 AR-1242-3

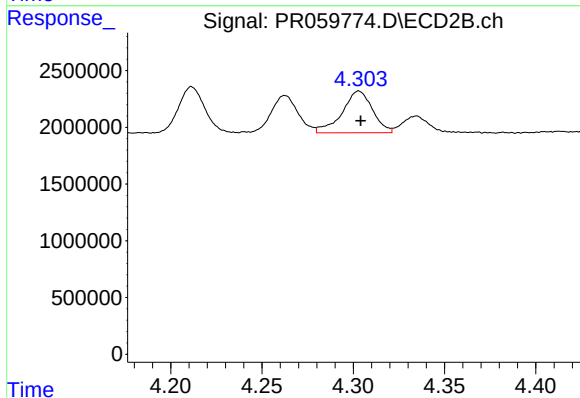
R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 4088800
Conc: 49.05 ng/ml



#19 AR-1242-4

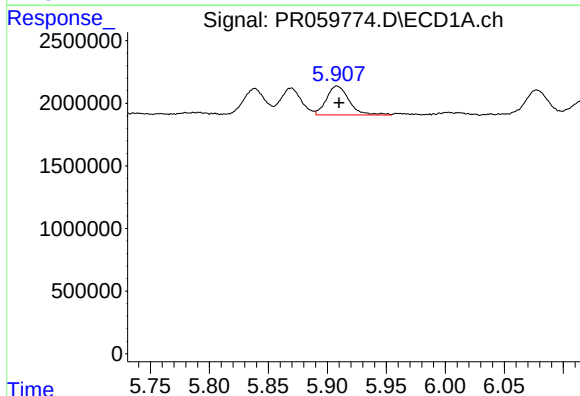
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 2774570
Conc: 53.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



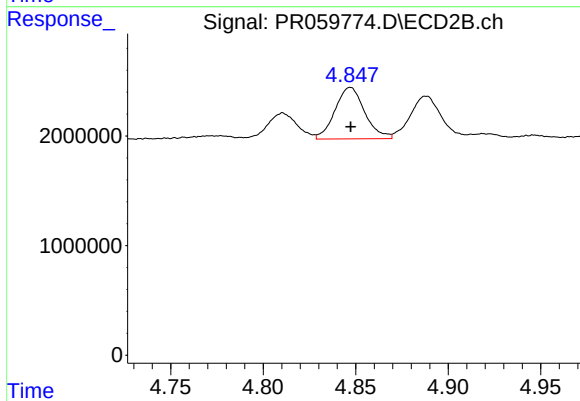
#19 AR-1242-4

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 4259389
Conc: 52.85 ng/ml



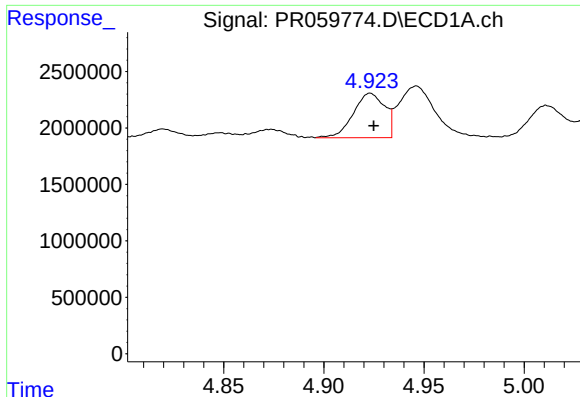
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 3083184
Conc: 57.47 ng/ml



#20 AR-1242-5

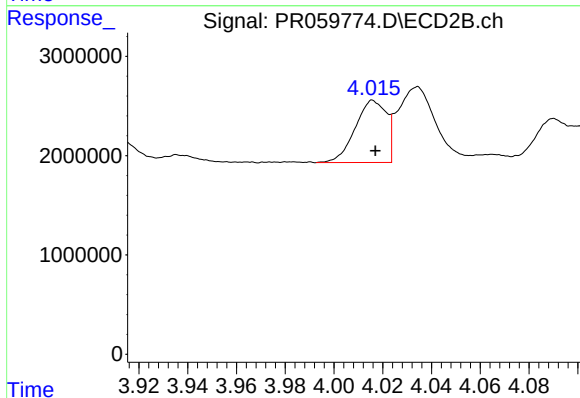
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 5245879
Conc: 52.29 ng/ml



#21 AR-1248-1

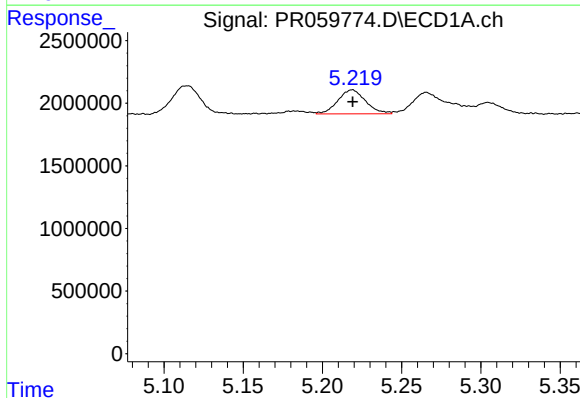
R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 4305829
Conc: 77.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



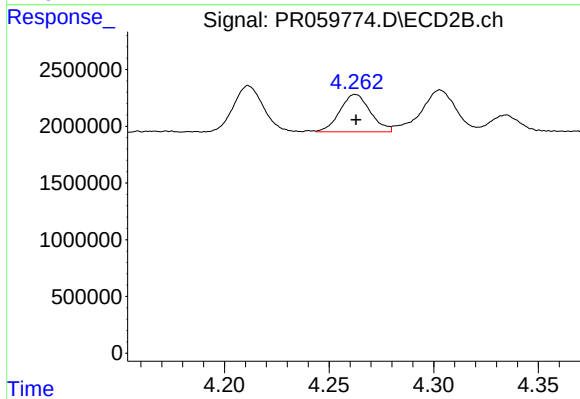
#21 AR-1248-1

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 5569075
Conc: 67.07 ng/ml



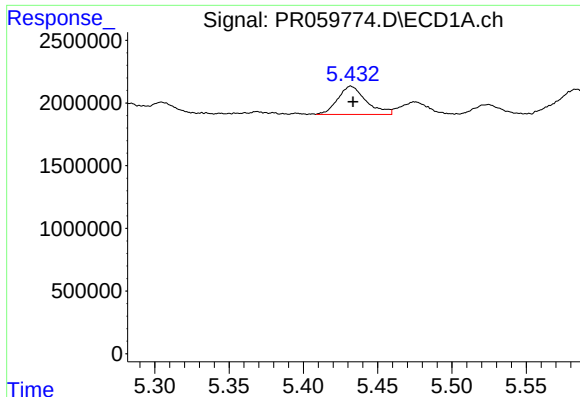
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 2342714
Conc: 31.63 ng/ml



#22 AR-1248-2

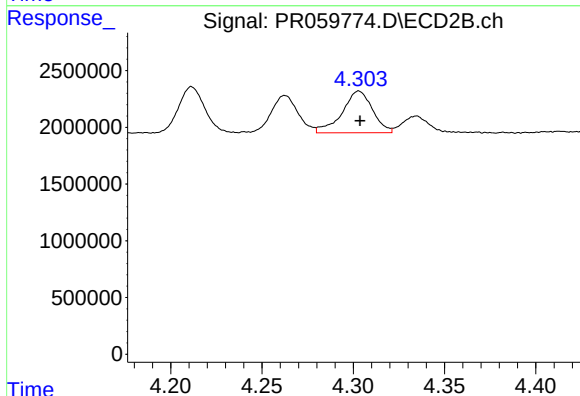
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 3335813
Conc: 27.51 ng/ml



#23 AR-1248-3

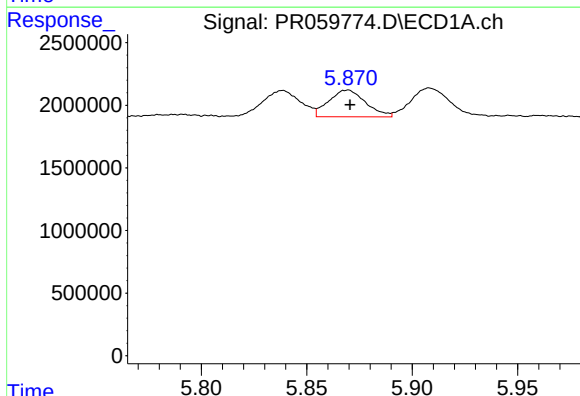
R.T.: 5.432 min
Delta R.T.: -0.001 min
Response: 2992180
Conc: 35.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



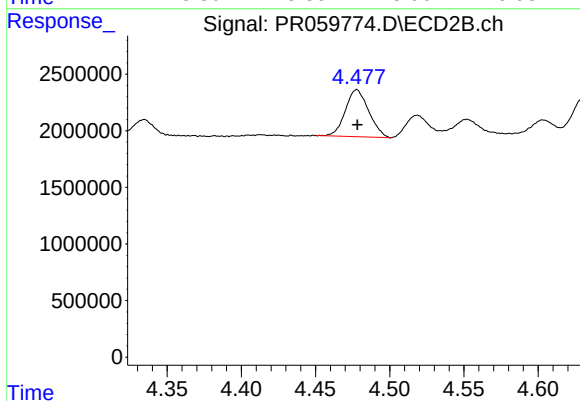
#23 AR-1248-3

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 4259389
Conc: 34.87 ng/ml



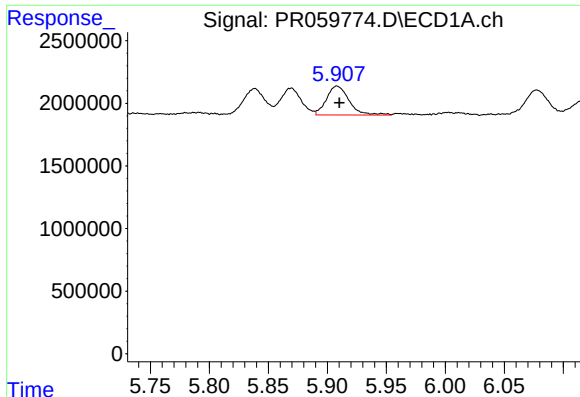
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 2597663
Conc: 29.05 ng/ml



#24 AR-1248-4

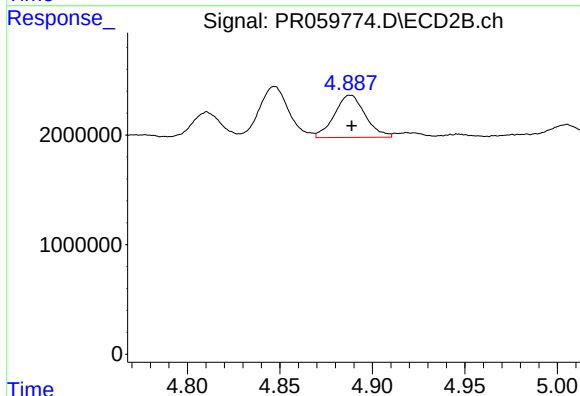
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 4538144
Conc: 30.41 ng/ml



#25 AR-1248-5

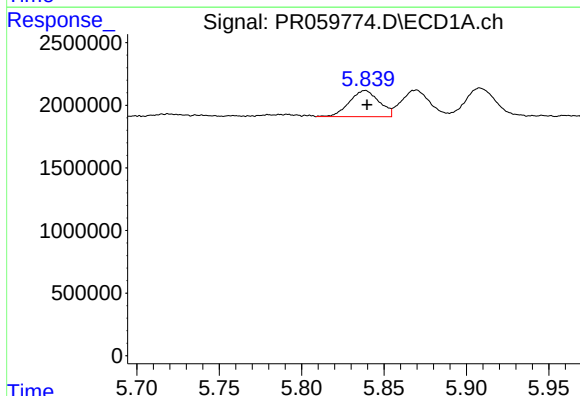
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 3083184
Conc: 34.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



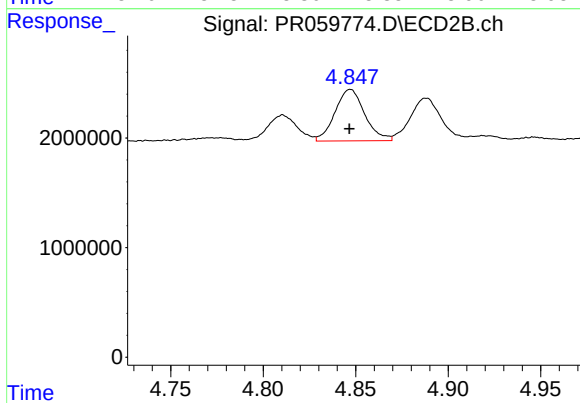
#25 AR-1248-5

R.T.: 4.888 min
Delta R.T.: 0.000 min
Response: 4464982
Conc: 32.26 ng/ml



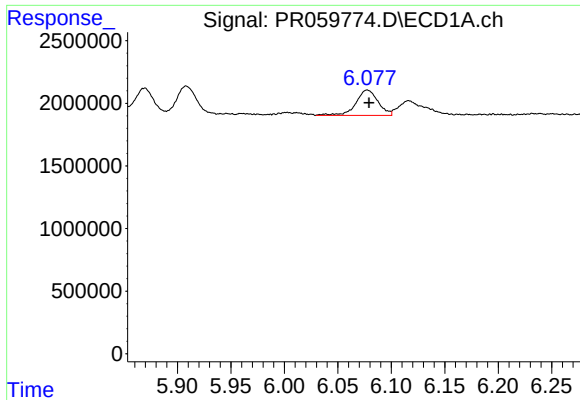
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: -0.001 min
Response: 2627603
Conc: 28.22 ng/ml



#26 AR-1254-1

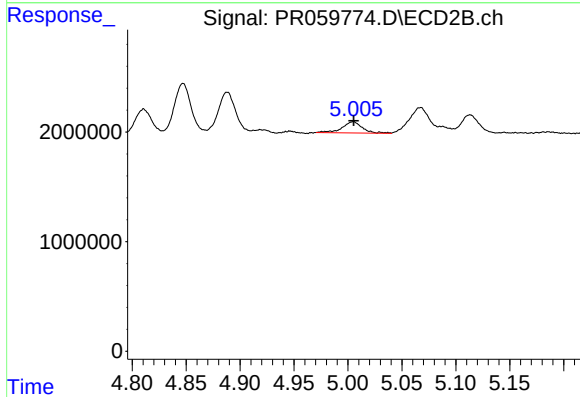
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 5245879
Conc: 23.11 ng/ml



#27 AR-1254-2

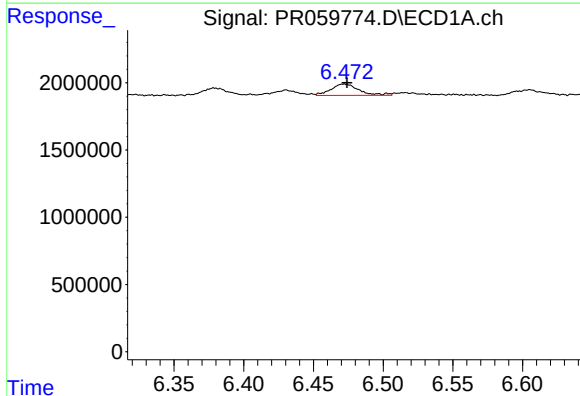
R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 2914790
Conc: 20.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



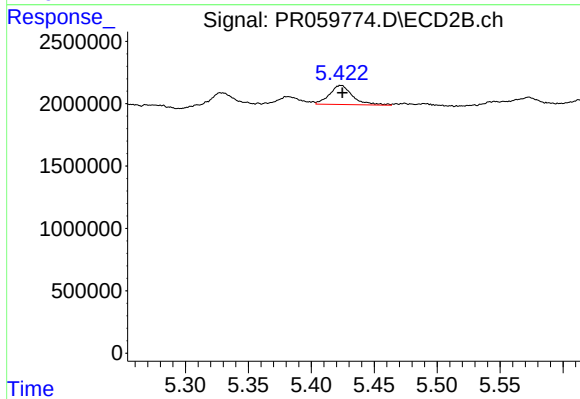
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 1345257
Conc: 6.90 ng/ml



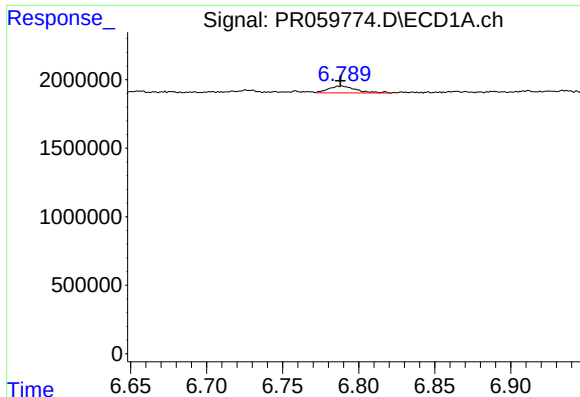
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1177014
Conc: 8.01 ng/ml



#28 AR-1254-3

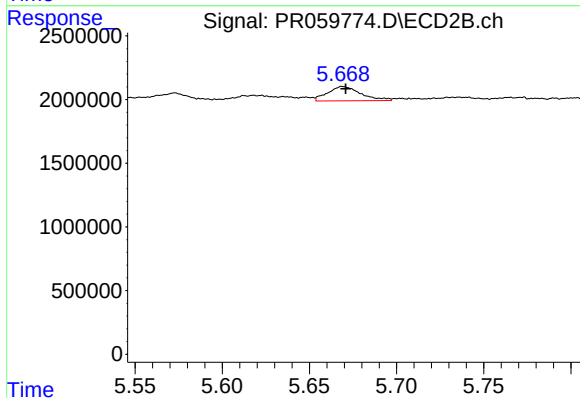
R.T.: 5.423 min
Delta R.T.: -0.001 min
Response: 1959151
Conc: 6.30 ng/ml



#29 AR-1254-4

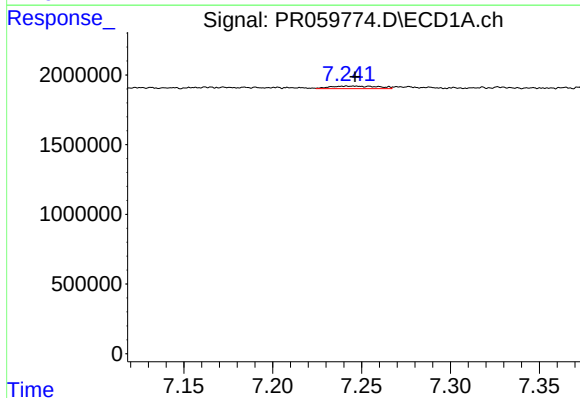
R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 618054
Conc: 5.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



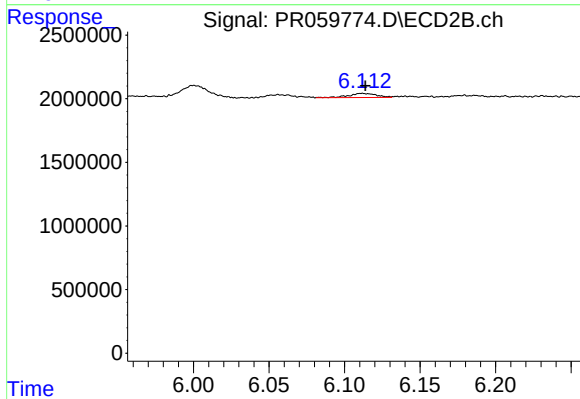
#29 AR-1254-4

R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 1484209
Conc: 8.23 ng/ml



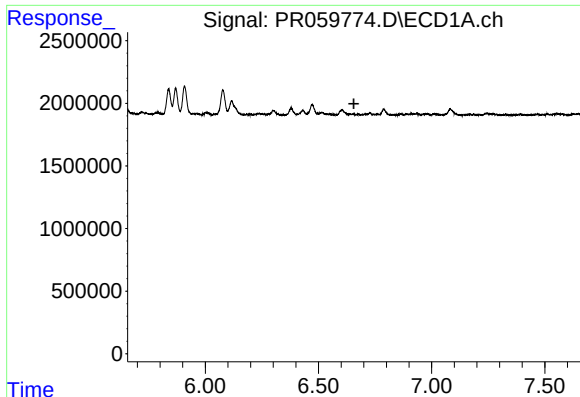
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: -0.004 min
Response: 337644
Conc: 2.84 ng/ml



#30 AR-1254-5

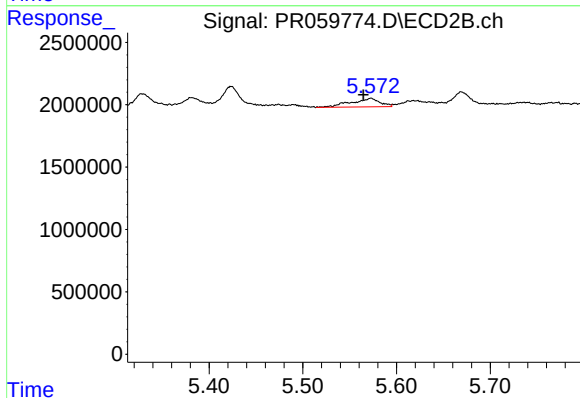
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 419456
Conc: 1.52 ng/ml



#31 AR-1260-1

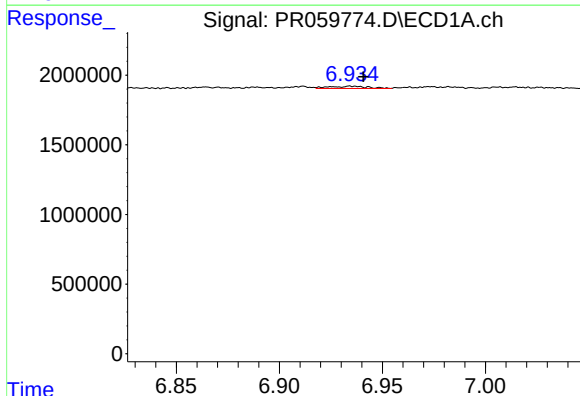
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



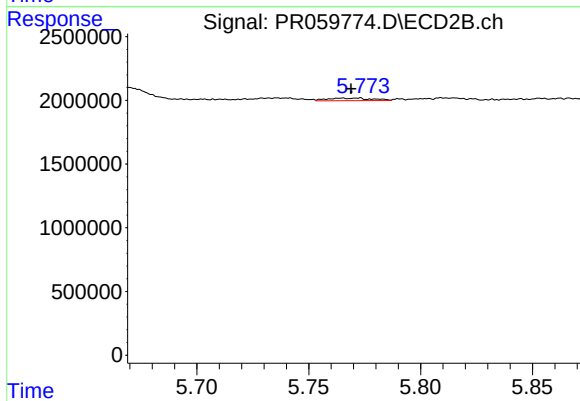
#31 AR-1260-1

R.T.: 5.573 min
Delta R.T.: 0.008 min
Response: 1444201
Conc: 6.29 ng/ml



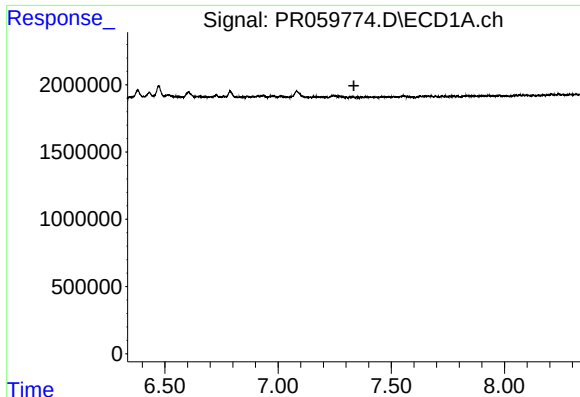
#32 AR-1260-2

R.T.: 6.935 min
Delta R.T.: -0.006 min
Response: 204924
Conc: 1.47 ng/ml



#32 AR-1260-2

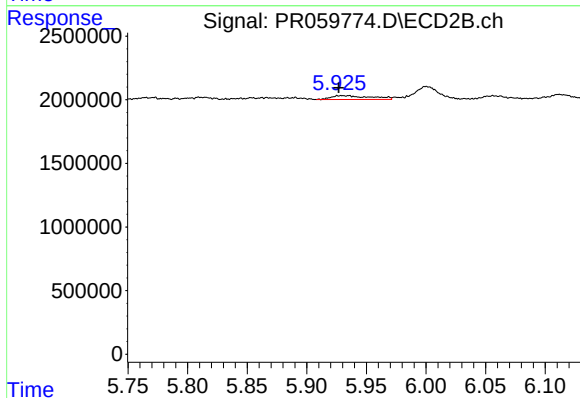
R.T.: 5.765 min
Delta R.T.: -0.004 min
Response: 274162
Conc: 1.01 ng/ml



#33 AR-1260-3

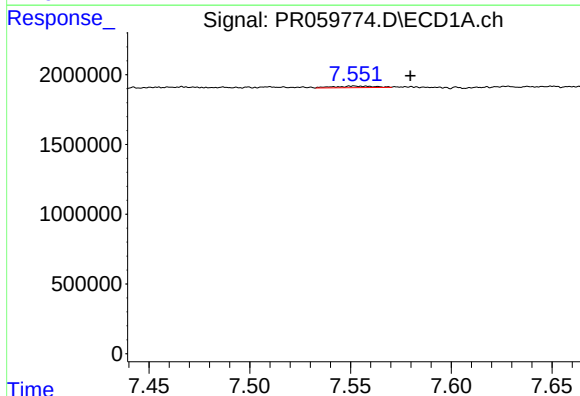
R.T.: 0.000 min
Exp R.T.: 7.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



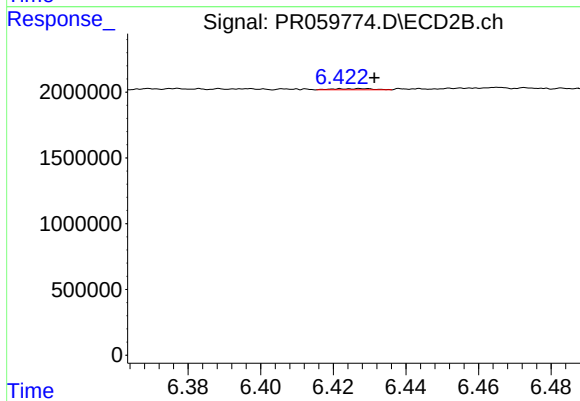
#33 AR-1260-3

R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 703620
Conc: 2.74 ng/ml



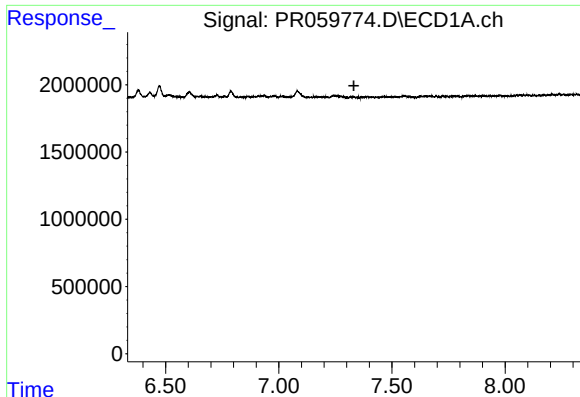
#34 AR-1260-4

R.T.: 7.551 min
Delta R.T.: -0.028 min
Response: 155072
Conc: 1.26 ng/ml



#34 AR-1260-4

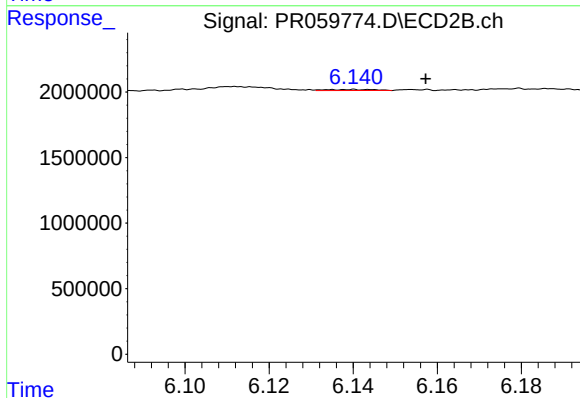
R.T.: 6.422 min
Delta R.T.: -0.009 min
Response: 69028
Conc: 0.32 ng/ml



#36 AR-1262-1

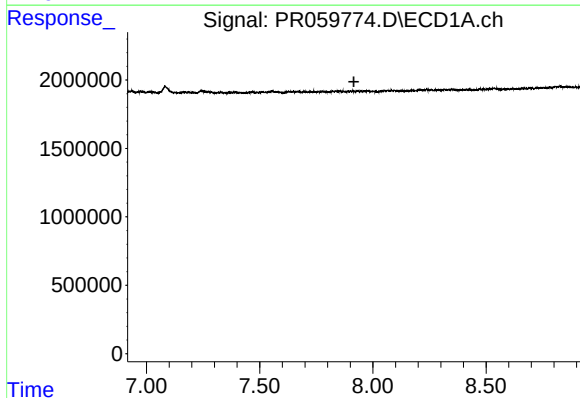
R.T.: 0.000 min
Exp R.T. : 7.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



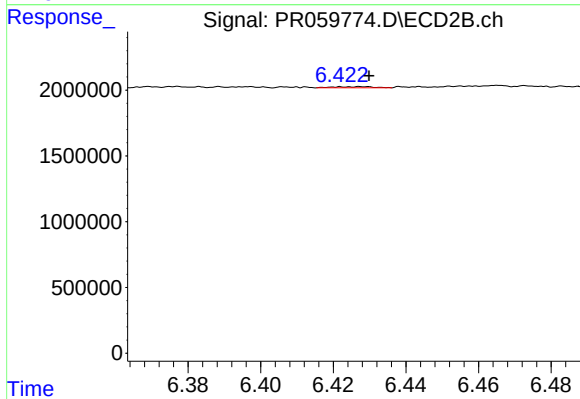
#36 AR-1262-1

R.T.: 6.140 min
Delta R.T.: -0.017 min
Response: 68417
Conc: 0.24 ng/ml



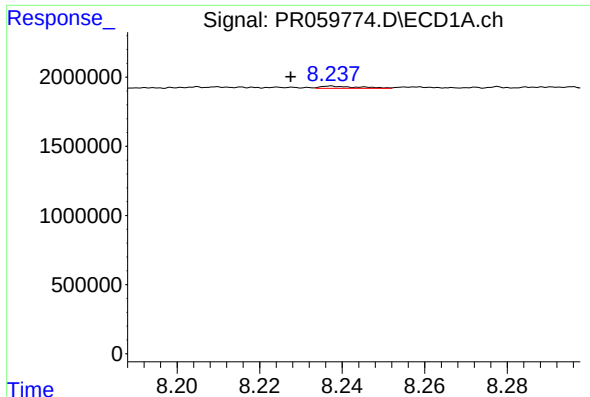
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.916 min
Response: 0
Conc: N.D.



#37 AR-1262-2

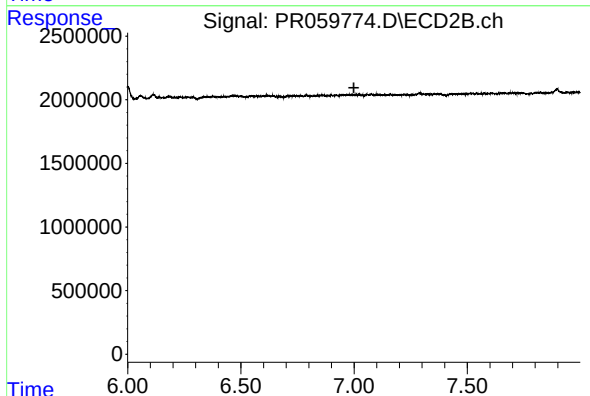
R.T.: 6.422 min
Delta R.T.: -0.008 min
Response: 69028
Conc: 0.27 ng/ml



#38 AR-1262-3

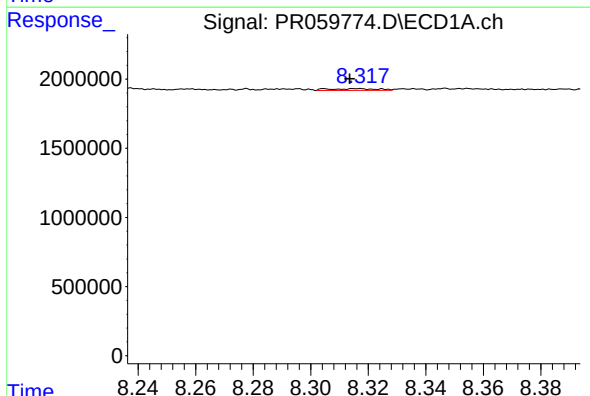
R.T.: 8.238 min
Delta R.T.: 0.010 min
Response: 103276
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



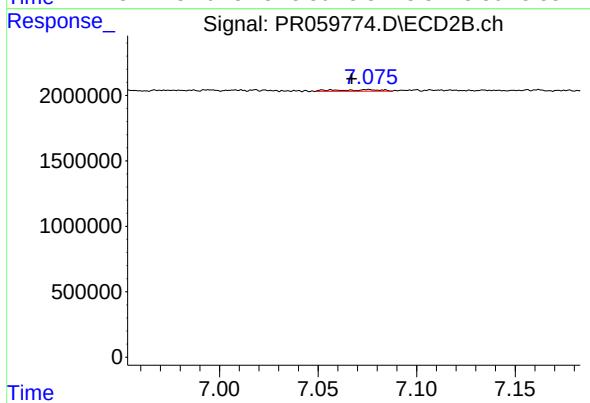
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



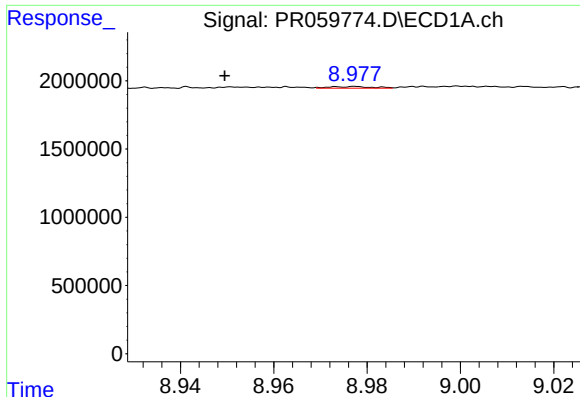
#39 AR-1262-4

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 153499
Conc: 1.16 ng/ml



#39 AR-1262-4

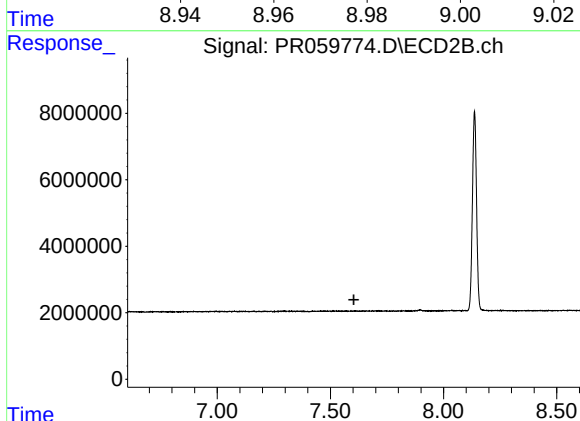
R.T.: 7.075 min
Delta R.T.: 0.008 min
Response: 172192
Conc: 0.47 ng/ml



#40 AR-1262-5

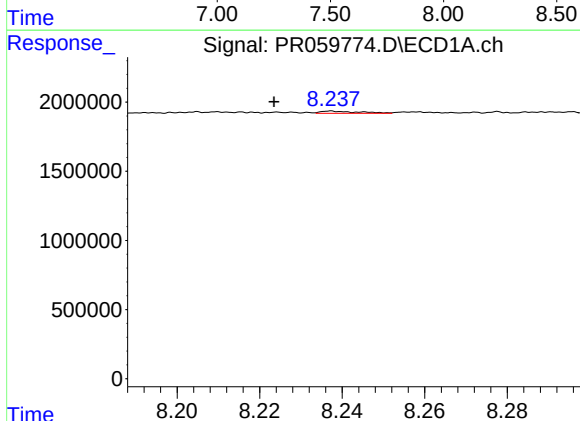
R.T.: 8.977 min
Delta R.T.: 0.028 min
Response: 77241
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



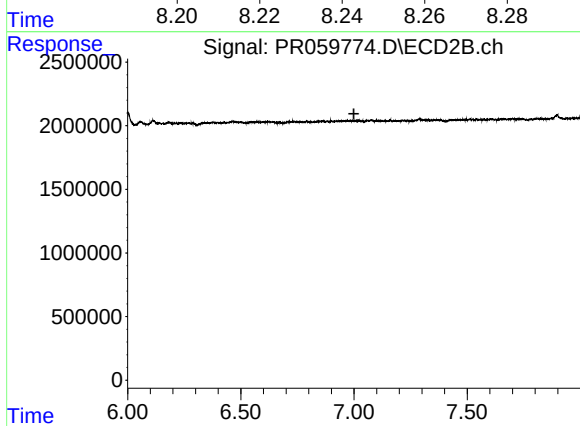
#40 AR-1262-5

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



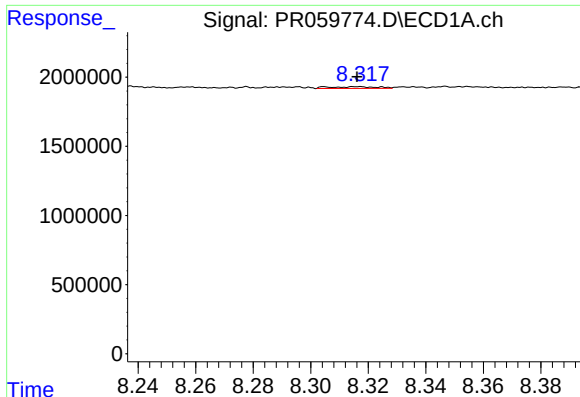
#41 AR-1268-1

R.T.: 8.238 min
Delta R.T.: 0.014 min
Response: 103276
Conc: 0.34 ng/ml



#41 AR-1268-1

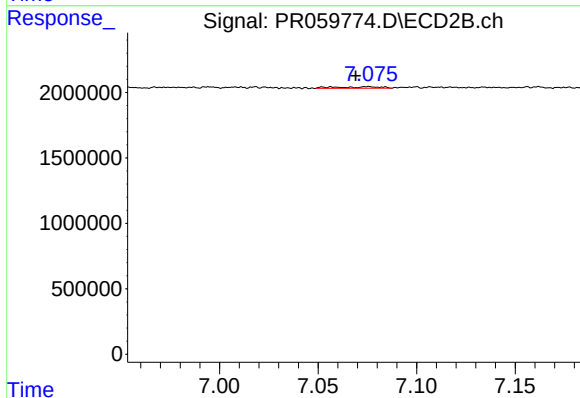
R.T.: 0.000 min
Exp R.T. : 7.000 min
Response: 0
Conc: N.D.



#42 AR-1268-2

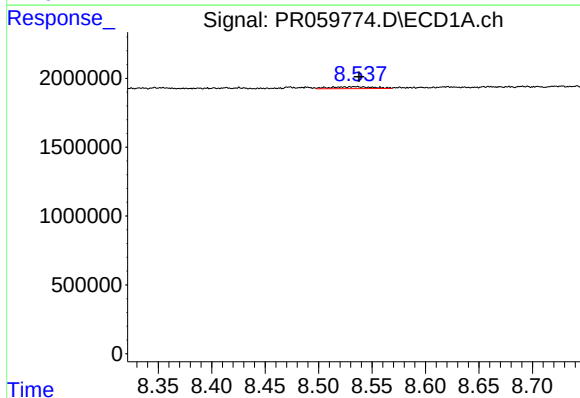
R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 153499
Conc: 0.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



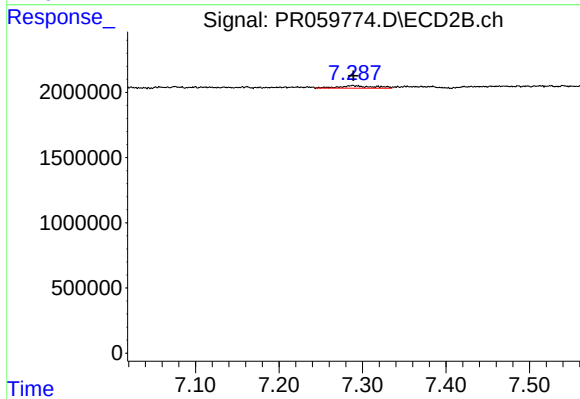
#42 AR-1268-2

R.T.: 7.075 min
Delta R.T.: 0.006 min
Response: 172192
Conc: 0.31 ng/ml



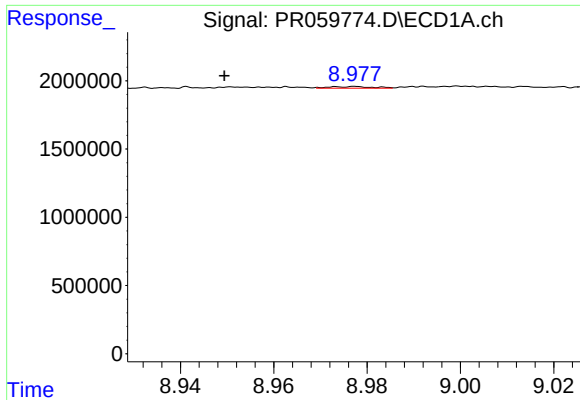
#43 AR-1268-3

R.T.: 8.542 min
Delta R.T.: 0.004 min
Response: 389042
Conc: 1.56 ng/ml



#43 AR-1268-3

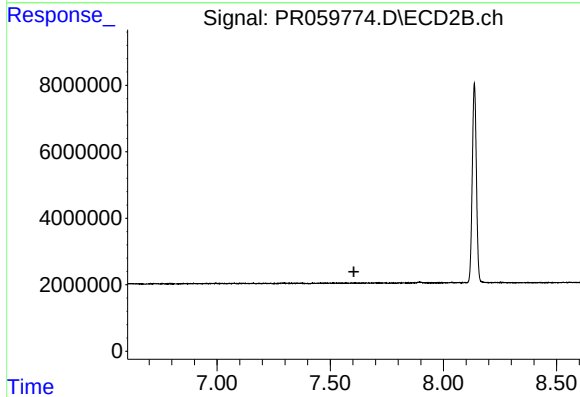
R.T.: 7.288 min
Delta R.T.: -0.001 min
Response: 562140
Conc: 1.16 ng/ml



#44 AR-1268-4

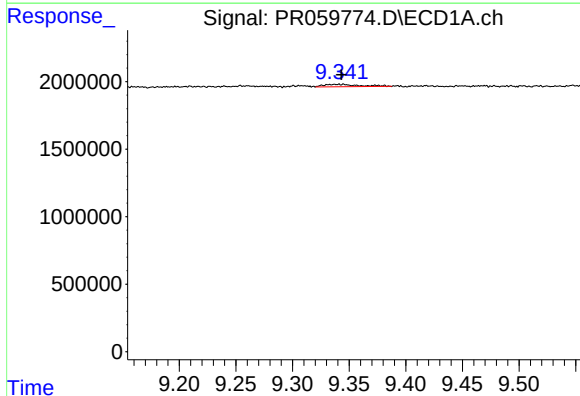
R.T.: 8.977 min
Delta R.T.: 0.028 min
Response: 77241
Conc: 0.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



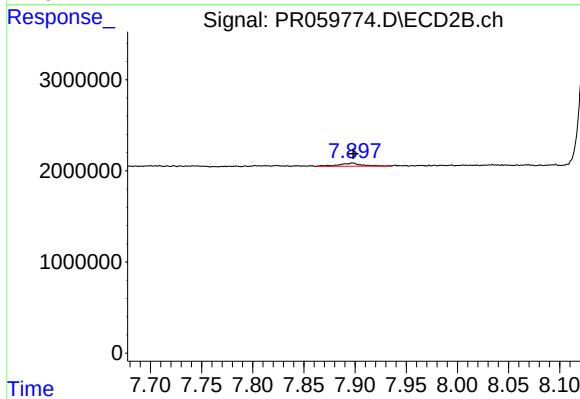
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.003 min
Response: 391870
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 509975
Conc: 0.35 ng/ml