

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030423\
 Data File : PR060025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2023 13:11
 Operator : YP\AJ
 Sample : 01697-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 21:02:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 2023
 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...	3.688	2.905	38370362	52040969	11.390	11.476
2)	SA Decachlor...	9.657	8.134	38915314	56689882	16.513	15.685
Target Compounds							
3)	L1 AR-1016-1	4.922	4.014	3107528	3991655	33.077	29.079
4)	L1 AR-1016-2	4.944	4.032	4235020	5599196	31.394	27.400
5)	L1 AR-1016-3	5.010	4.210	931199	2351870	10.674	22.381 #
6)	L1 AR-1016-4	5.112	4.261	1929670	5756894	27.829	67.041 #
7)	L1 AR-1016-5	5.430	4.476	678945	5603664	10.061	50.085 #
8)	L2 AR-1221-1	0.000	3.122	0	148014	N.D.	3.034 #
9)	L2 AR-1221-2	4.003	3.205	772648	1178909	27.159	34.158 #
10)	L2 AR-1221-3	4.095	3.291	367606	308583	4.161	2.662 #
11)	L3 AR-1232-1	4.095	3.291	367606	308583	4.905	3.200 #
12)	L3 AR-1232-2	4.633	4.032	1937456	5599196	57.618	62.838
13)	L3 AR-1232-3	4.944	4.210	4235020	2351870	68.690	52.566
14)	L3 AR-1232-4	5.112	4.301	1929670	5276972	62.566	127.602 #
15)	L3 AR-1232-5	5.217	4.476	3993320	5603664	171.511	120.591 #
16)	L4 AR-1242-1	4.922	4.014	3107528	3991655	39.548	34.973
17)	L4 AR-1242-2	4.944	4.032	4235020	5599196	37.768	33.465
18)	L4 AR-1242-3	5.010	4.210	931199	2351870	12.819	27.188 #
19)	L4 AR-1242-4	5.112	4.301	1929670	5276972	33.526	61.568 #
20)	L4 AR-1242-5	5.907	4.844	8969361	16309043	165.982	157.933
21)	L5 AR-1248-1	4.922	4.014	3107528	3991655	51.281	45.860
22)	L5 AR-1248-2	5.217	4.261	3993320	5756894	49.181	44.597
23)	L5 AR-1248-3	5.430	4.301	678945	5276972	7.228	40.590 #
24)	L5 AR-1248-4	5.865	4.476	15193937	5603664	158.088	35.512 #
25)	L5 AR-1248-5	5.907	4.886	8969361	13504943	96.663	94.776
26)	L6 AR-1254-1	5.836	4.844	4853946	16309043	48.425	70.129 #
27)	L6 AR-1254-2	6.077	5.003	7656871	5203019	50.429	25.914 #
28)	L6 AR-1254-3	6.472	5.421	7032177	9241412	45.255	28.840 #
29)	L6 AR-1254-4	6.785	5.667	4236035	6926381	38.448	38.615
30)	L6 AR-1254-5	7.243	6.110	6194849	13388903	50.496	48.418
31)	L7 AR-1260-1	6.652	5.564	3673878	10143837	29.864	44.355 #
32)	L7 AR-1260-2	6.924	5.766	12091240	5578836	86.065	20.740 #
33)	L7 AR-1260-3	7.330	5.923	2428113	7020144	22.418	27.714
34)	L7 AR-1260-4	7.573	6.427	3095548	4691715	25.094	22.306
35)	L7 AR-1260-5	7.913	6.693	4229591	9455889	18.381	19.894
36)	L8 AR-1262-1	7.330	6.156	2428113	7114224	15.810	23.278 #
37)	L8 AR-1262-2	7.913	6.427	4229591	4691715	16.303	17.258
38)	L8 AR-1262-3	8.232	6.996	3054671	3429972	16.263	16.725
39)	L8 AR-1262-4	8.293	7.061	1719656	9343080	11.854	24.377 #
40)	L8 AR-1262-5	8.947	7.600	1237881	2748730	11.765	16.243 #
41)	L9 AR-1268-1	8.232	6.996	3054671	3429972	6.908	3.904 #

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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
42) L9	AR-1268-2	8.293	7.061	1719656	9343080	4.300	11.846 #
43) L9	AR-1268-3	8.534	7.287	304364	219383	0.845	0.316 #
44) L9	AR-1268-4	8.947	7.600	1237881	2748730	7.849	10.371 #
45) L9	AR-1268-5	9.340	7.895	1083697	7459254	0.940	3.558 #

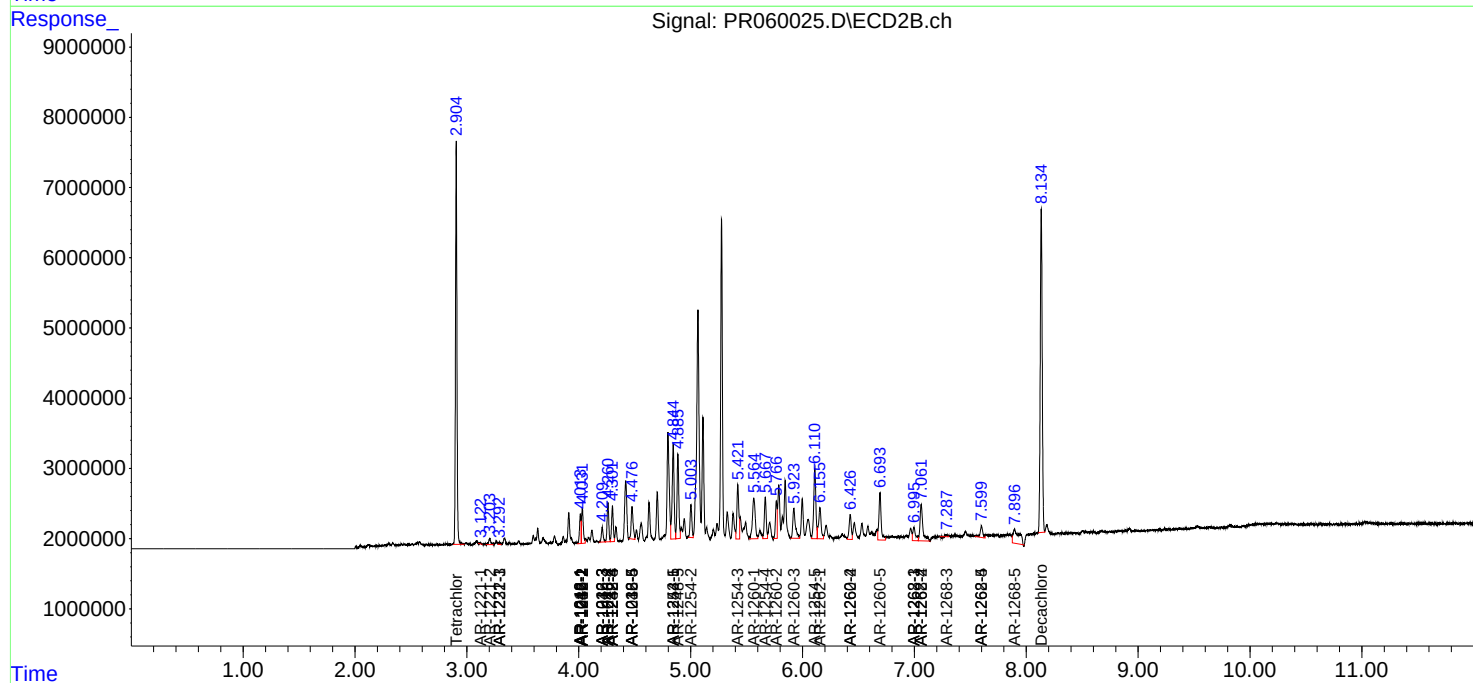
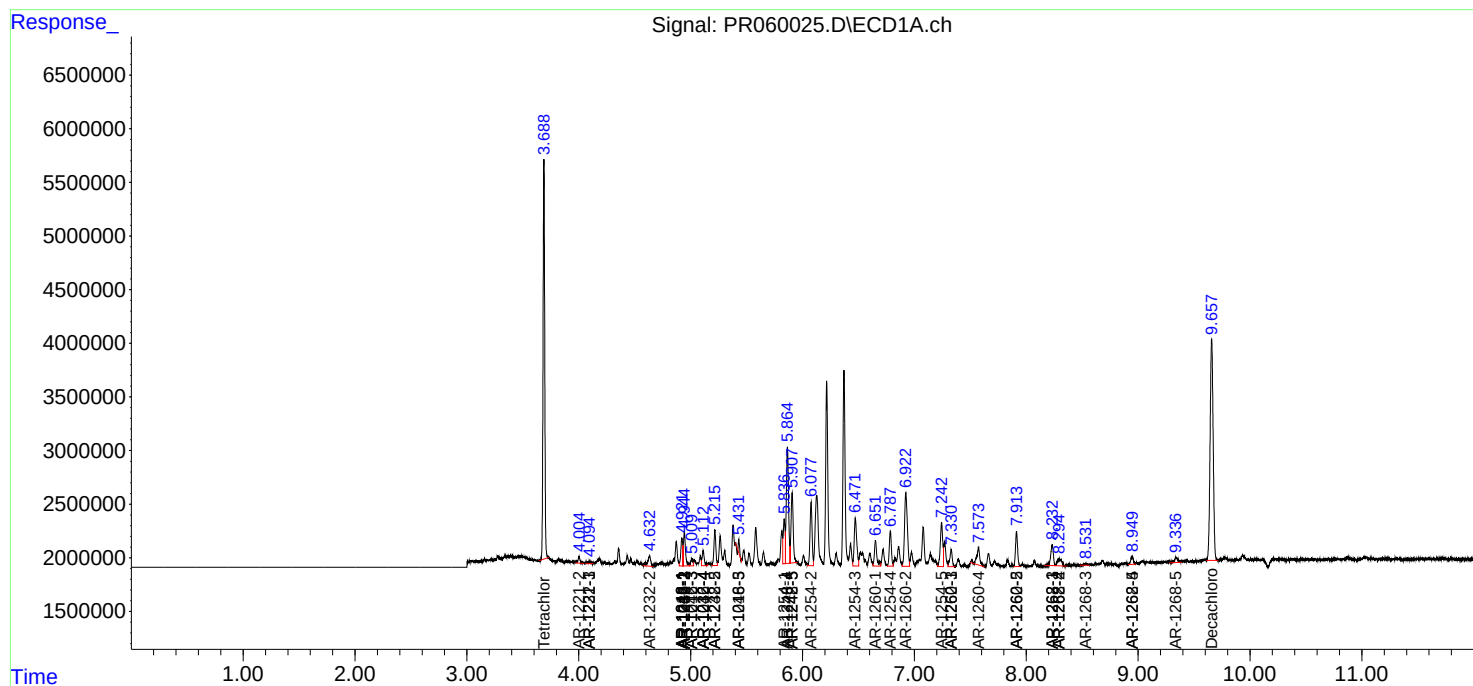
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

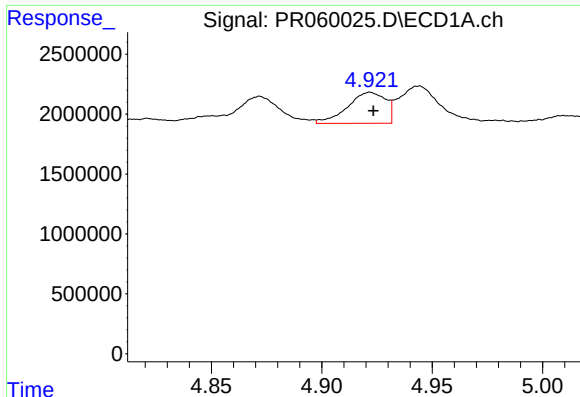
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Quant Time: Mar 03 21:02:06 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

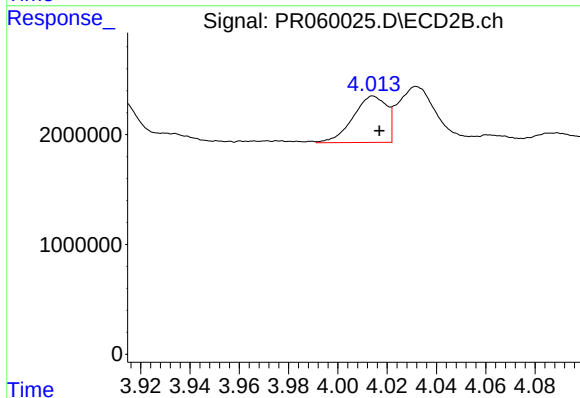




#3 AR-1016-1

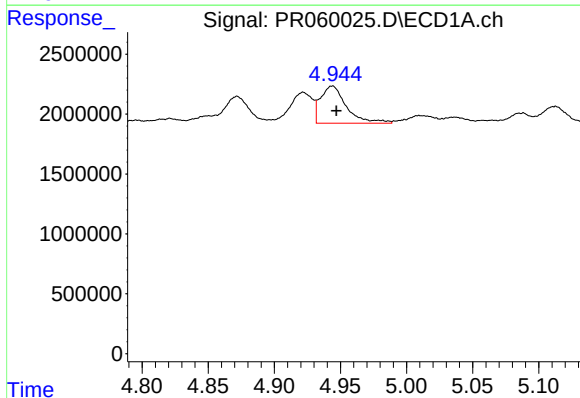
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 3107528
Conc: 33.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



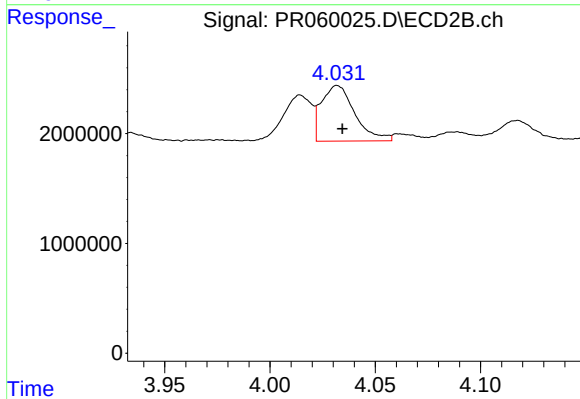
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 3991655
Conc: 29.08 ng/ml



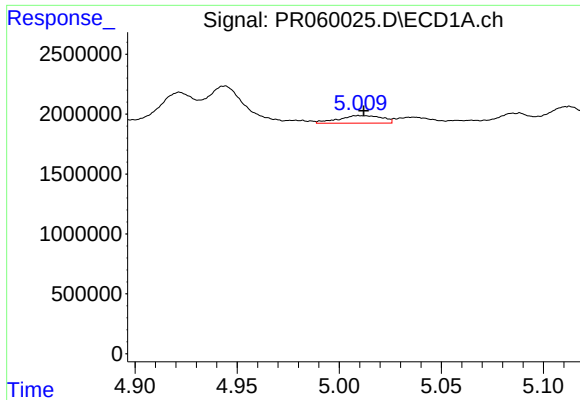
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.003 min
Response: 4235020
Conc: 31.39 ng/ml



#4 AR-1016-2

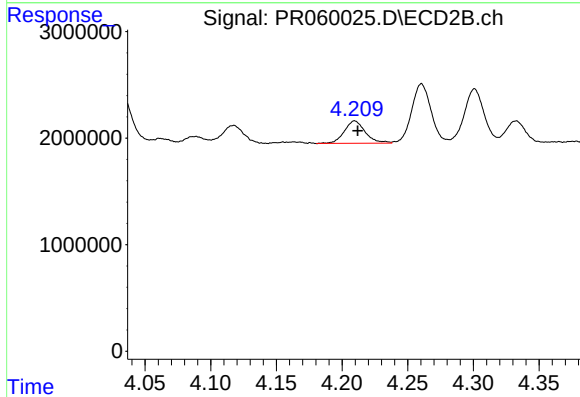
R.T.: 4.032 min
Delta R.T.: -0.002 min
Response: 5599196
Conc: 27.40 ng/ml



#5 AR-1016-3

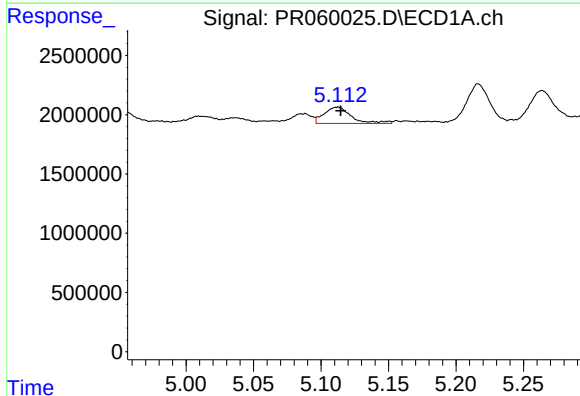
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 931199
Conc: 10.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



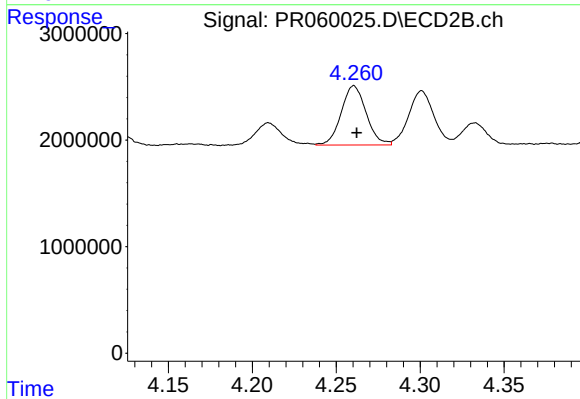
#5 AR-1016-3

R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 2351870
Conc: 22.38 ng/ml



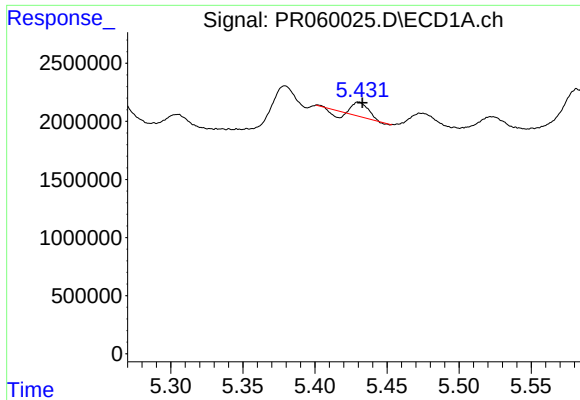
#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 1929670
Conc: 27.83 ng/ml



#6 AR-1016-4

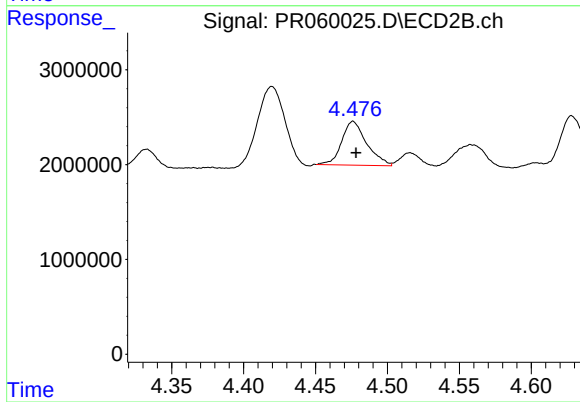
R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 5756894
Conc: 67.04 ng/ml



#7 AR-1016-5

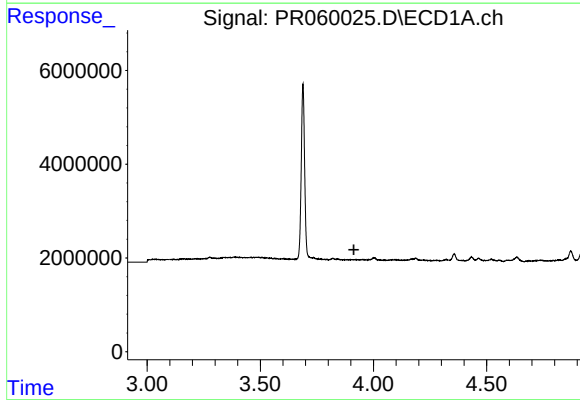
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 678945
Conc: 10.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



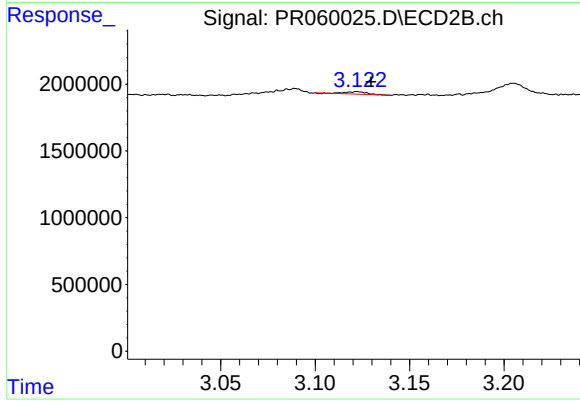
#7 AR-1016-5

R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 5603664
Conc: 50.09 ng/ml



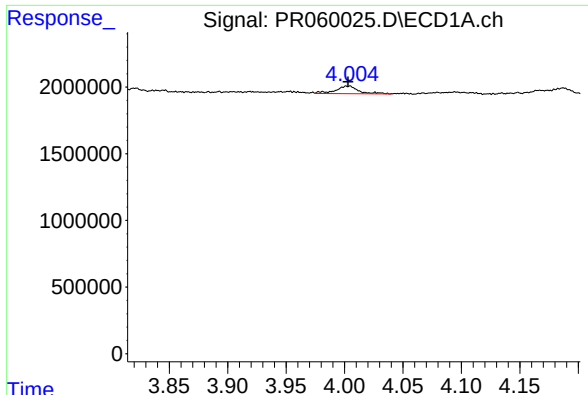
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.914 min
Response: 0
Conc: N.D.



#8 AR-1221-1

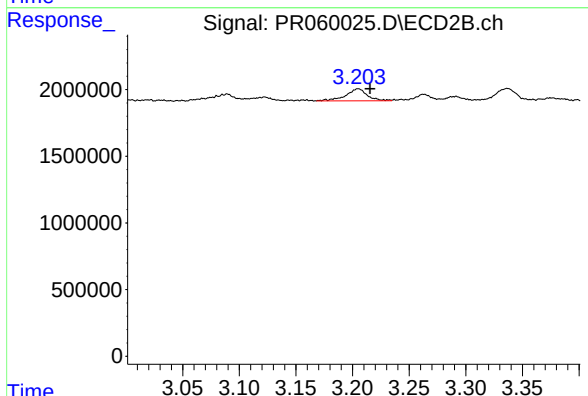
R.T.: 3.122 min
Delta R.T.: -0.007 min
Response: 148014
Conc: 3.03 ng/ml



#9 AR-1221-2

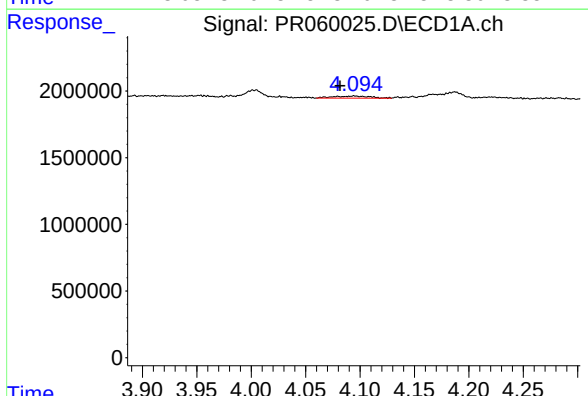
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 772648
Conc: 27.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



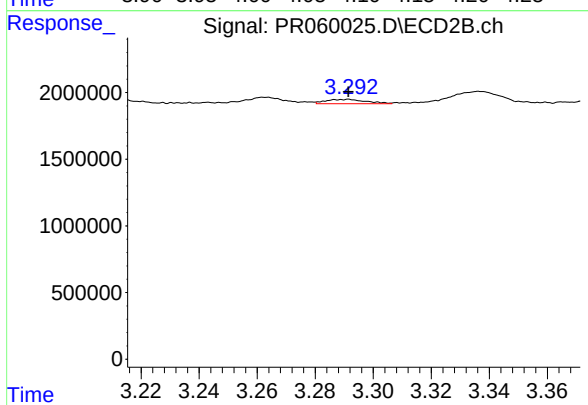
#9 AR-1221-2

R.T.: 3.205 min
Delta R.T.: -0.011 min
Response: 1178909
Conc: 34.16 ng/ml



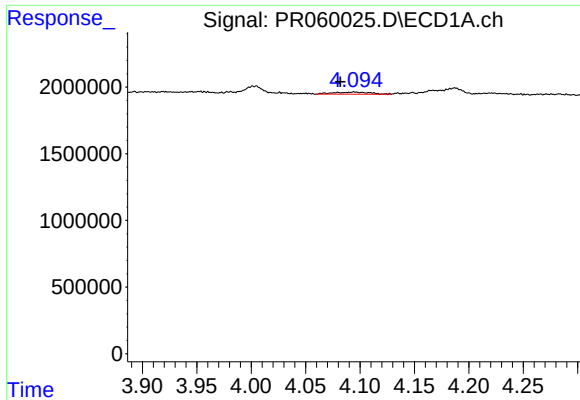
#10 AR-1221-3

R.T.: 4.095 min
Delta R.T.: 0.013 min
Response: 367606
Conc: 4.16 ng/ml



#10 AR-1221-3

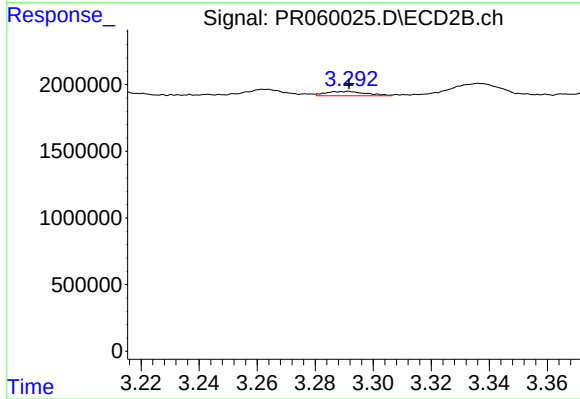
R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 308583
Conc: 2.66 ng/ml



#11 AR-1232-1

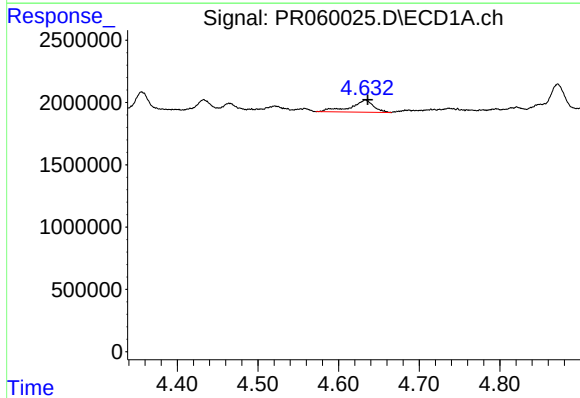
R.T.: 4.095 min
Delta R.T.: 0.013 min
Response: 367606
Conc: 4.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



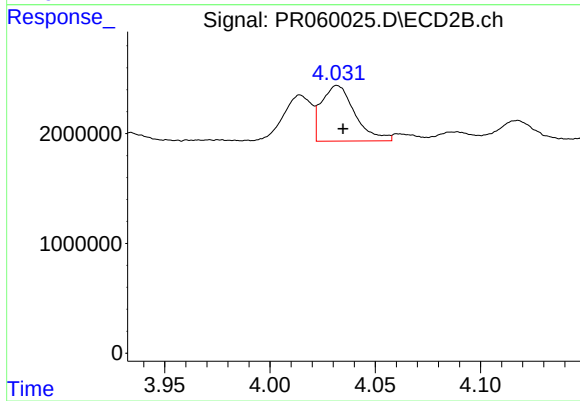
#11 AR-1232-1

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 308583
Conc: 3.20 ng/ml



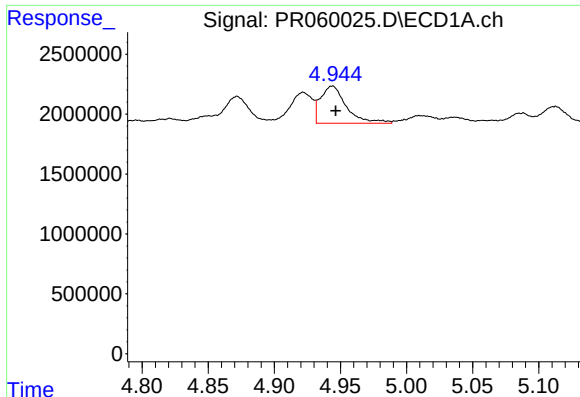
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: -0.003 min
Response: 1937456
Conc: 57.62 ng/ml



#12 AR-1232-2

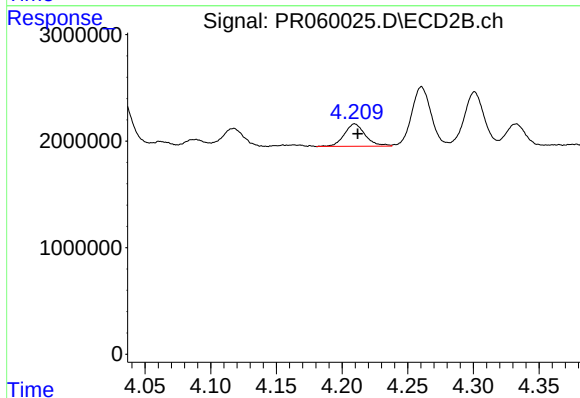
R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 5599196
Conc: 62.84 ng/ml



#13 AR-1232-3

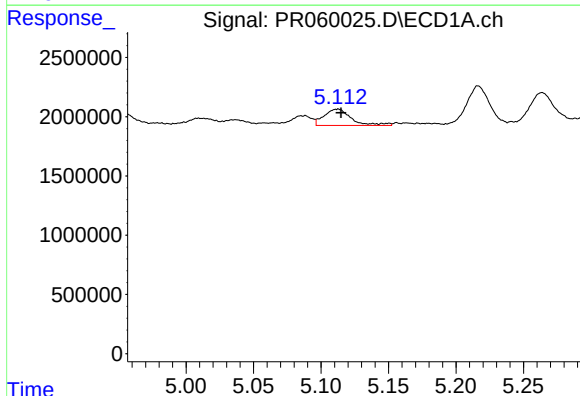
R.T.: 4.944 min
Delta R.T.: -0.003 min
Response: 4235020
Conc: 68.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



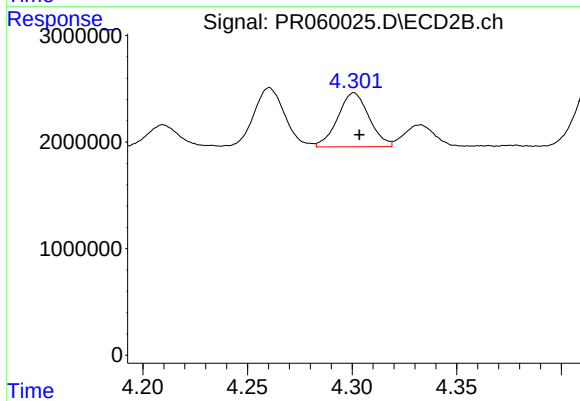
#13 AR-1232-3

R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 2351870
Conc: 52.57 ng/ml



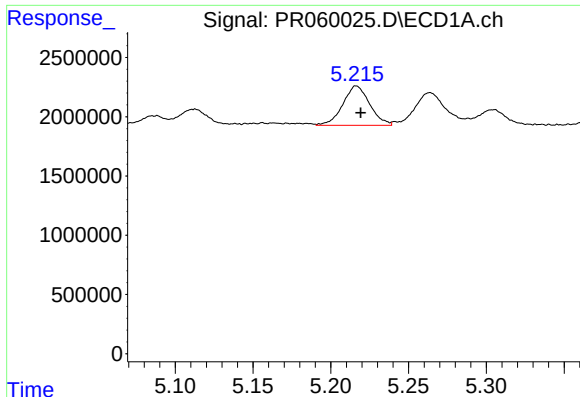
#14 AR-1232-4

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 1929670
Conc: 62.57 ng/ml



#14 AR-1232-4

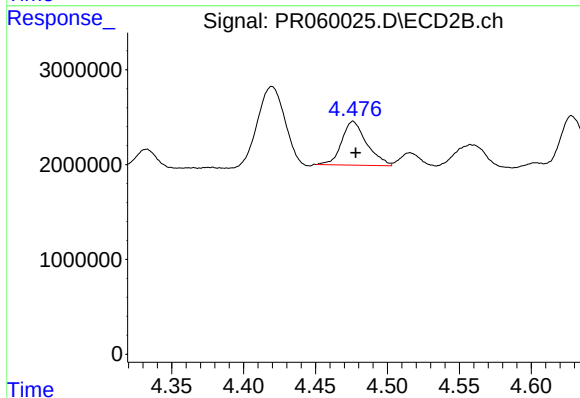
R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 5276972
Conc: 127.60 ng/ml



#15 AR-1232-5

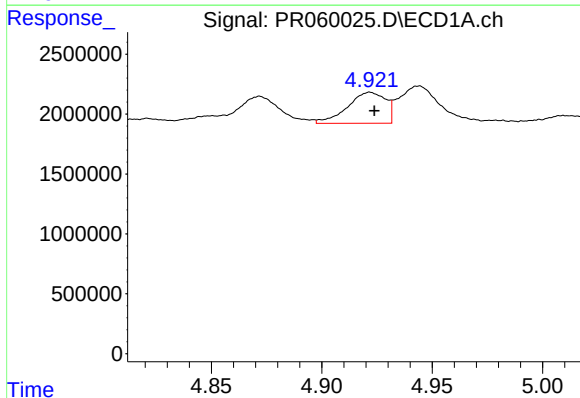
R.T.: 5.217 min
Delta R.T.: -0.003 min
Response: 3993320
Conc: 171.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



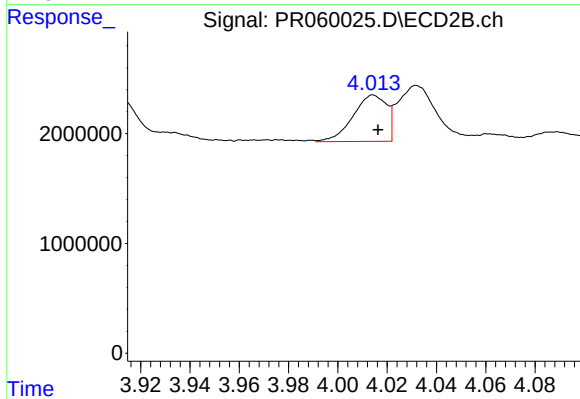
#15 AR-1232-5

R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 5603664
Conc: 120.59 ng/ml



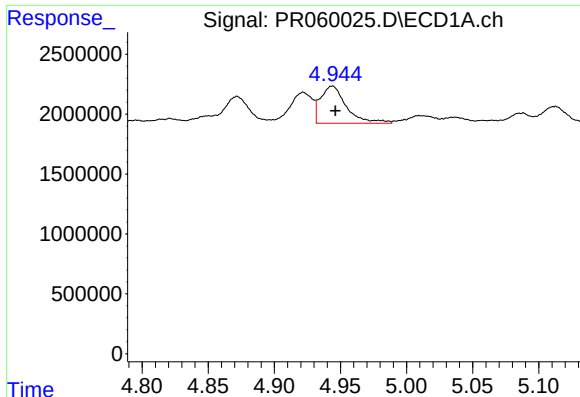
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 3107528
Conc: 39.55 ng/ml



#16 AR-1242-1

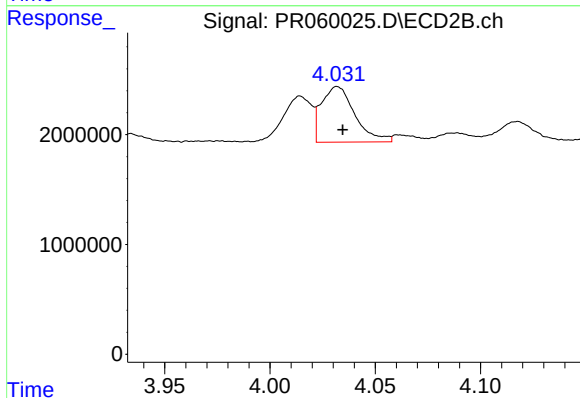
R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 3991655
Conc: 34.97 ng/ml



#17 AR-1242-2

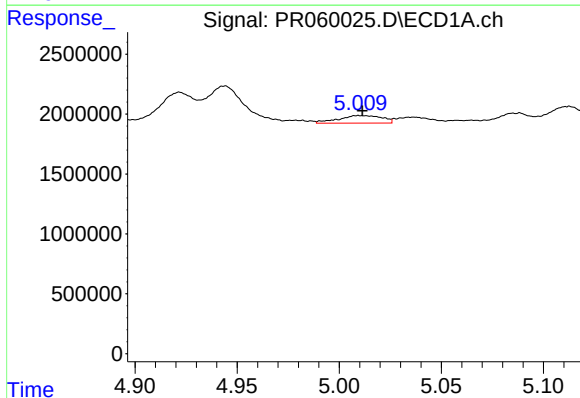
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 4235020
Conc: 37.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



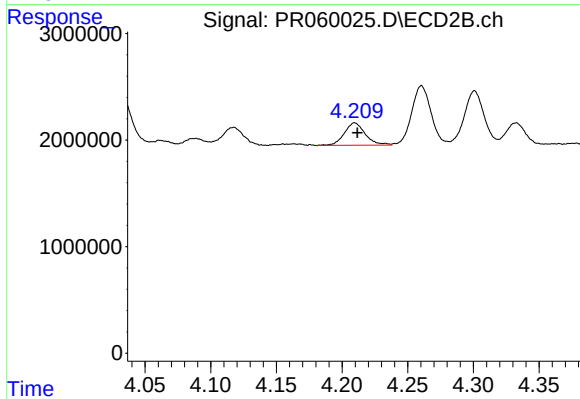
#17 AR-1242-2

R.T.: 4.032 min
Delta R.T.: -0.003 min
Response: 5599196
Conc: 33.47 ng/ml



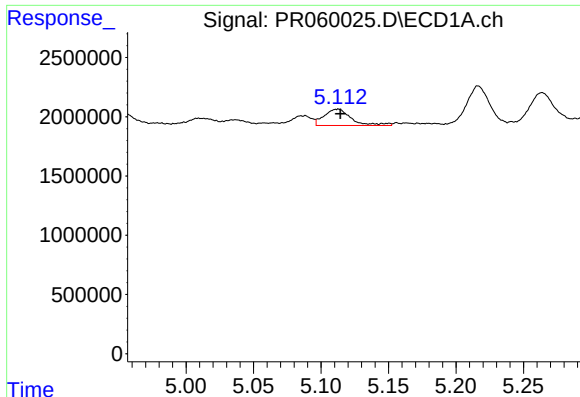
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 931199
Conc: 12.82 ng/ml



#18 AR-1242-3

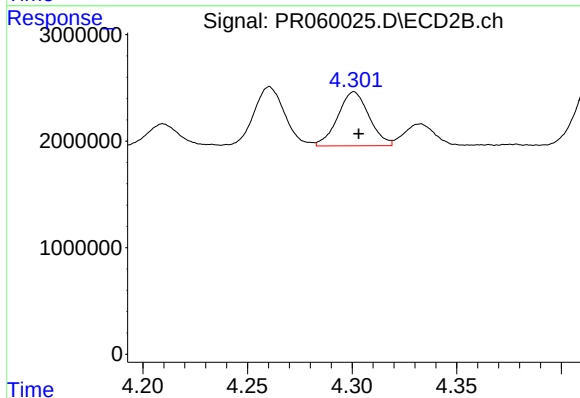
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 2351870
Conc: 27.19 ng/ml



#19 AR-1242-4

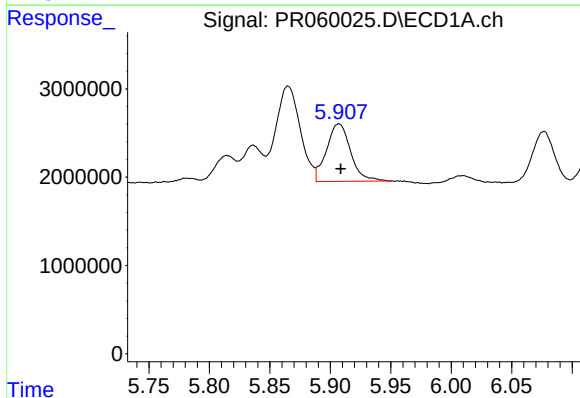
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 1929670
Conc: 33.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



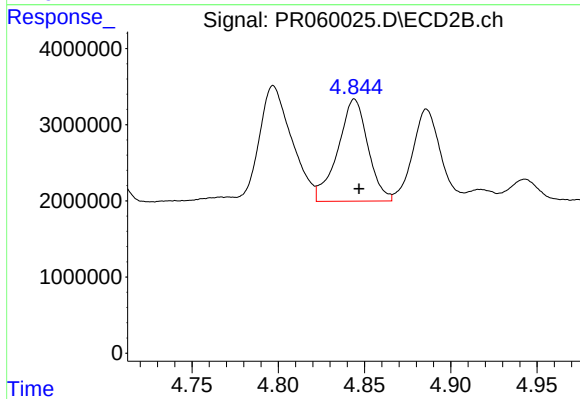
#19 AR-1242-4

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 5276972
Conc: 61.57 ng/ml



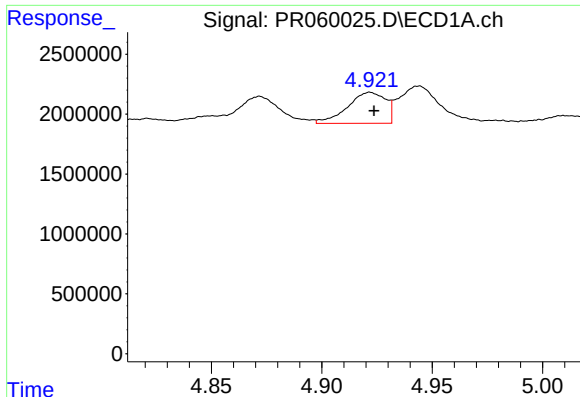
#20 AR-1242-5

R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 8969361
Conc: 165.98 ng/ml



#20 AR-1242-5

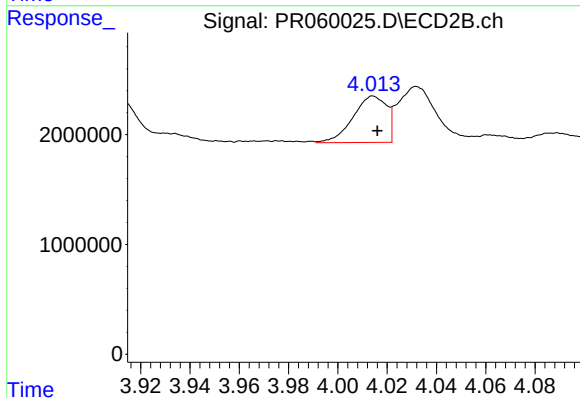
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 16309043
Conc: 157.93 ng/ml



#21 AR-1248-1

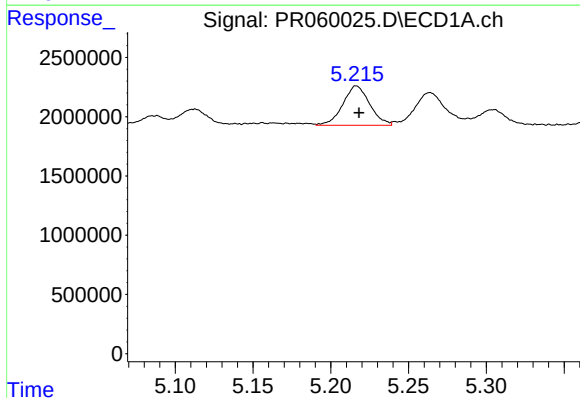
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 3107528
Conc: 51.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



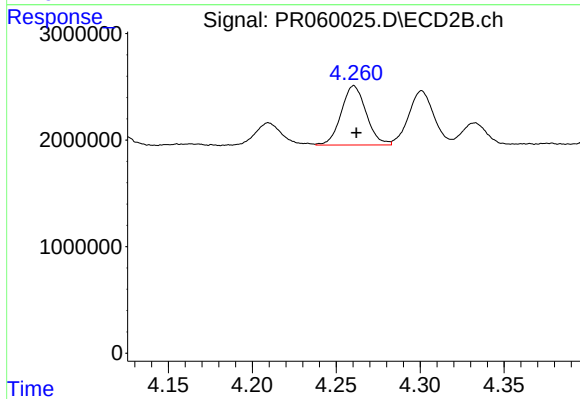
#21 AR-1248-1

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 3991655
Conc: 45.86 ng/ml



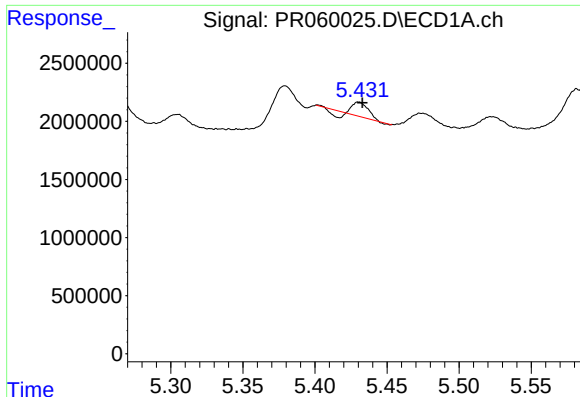
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 3993320
Conc: 49.18 ng/ml



#22 AR-1248-2

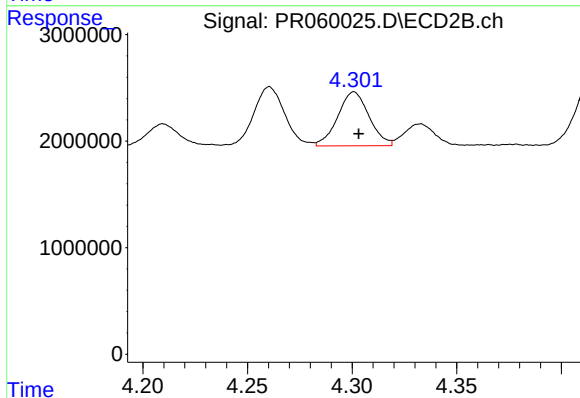
R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 5756894
Conc: 44.60 ng/ml



#23 AR-1248-3

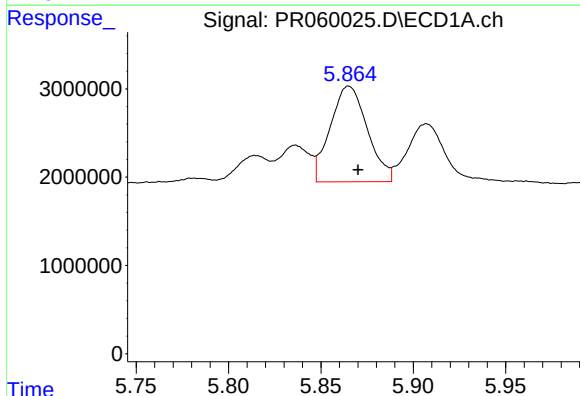
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 678945
Conc: 7.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



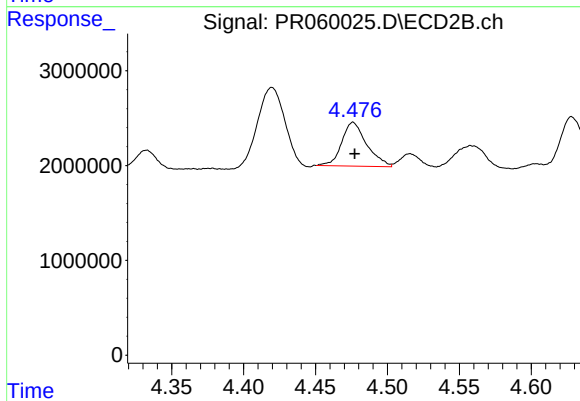
#23 AR-1248-3

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 5276972
Conc: 40.59 ng/ml



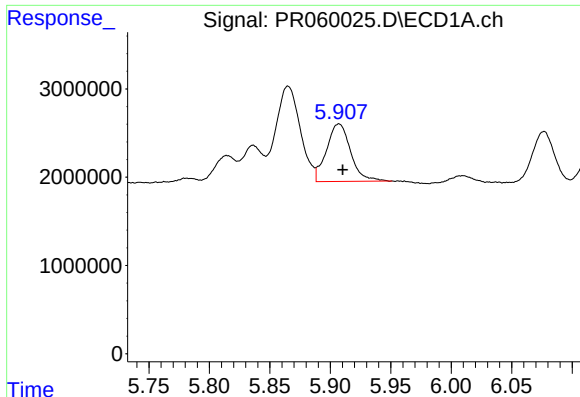
#24 AR-1248-4

R.T.: 5.865 min
Delta R.T.: -0.005 min
Response: 15193937
Conc: 158.09 ng/ml



#24 AR-1248-4

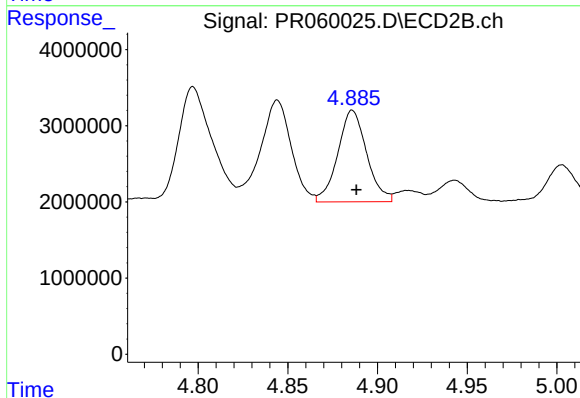
R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 5603664
Conc: 35.51 ng/ml



#25 AR-1248-5

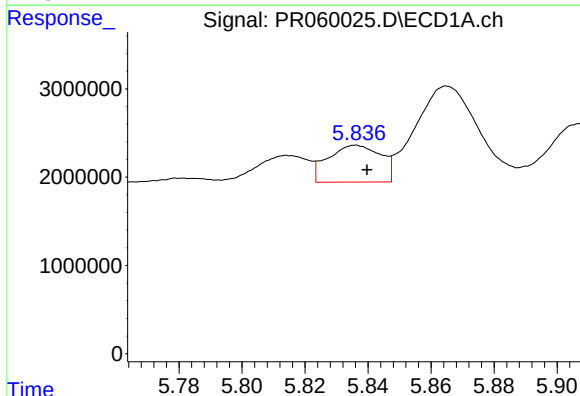
R.T.: 5.907 min
Delta R.T.: -0.003 min
Response: 8969361
Conc: 96.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



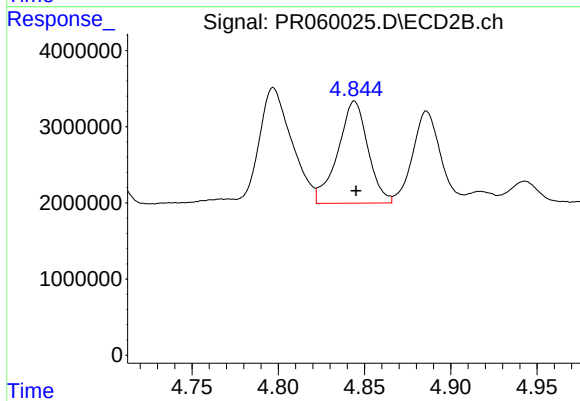
#25 AR-1248-5

R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 13504943
Conc: 94.78 ng/ml



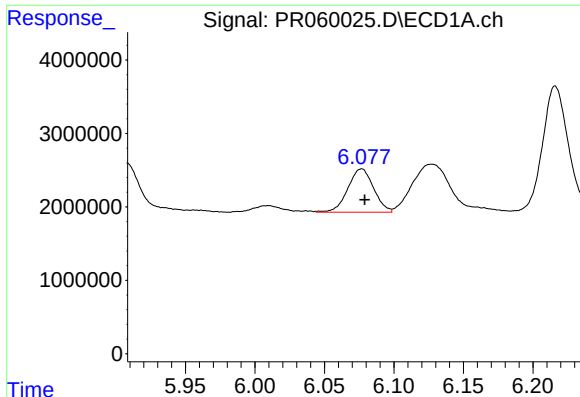
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 4853946
Conc: 48.43 ng/ml



#26 AR-1254-1

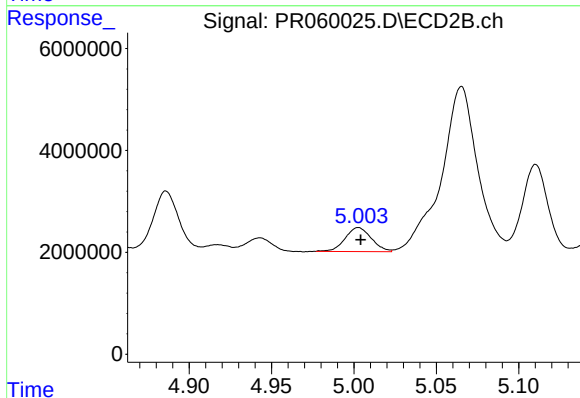
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 16309043
Conc: 70.13 ng/ml



#27 AR-1254-2

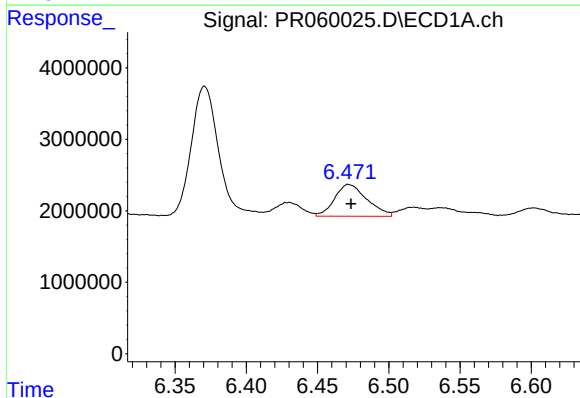
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 7656871
Conc: 50.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



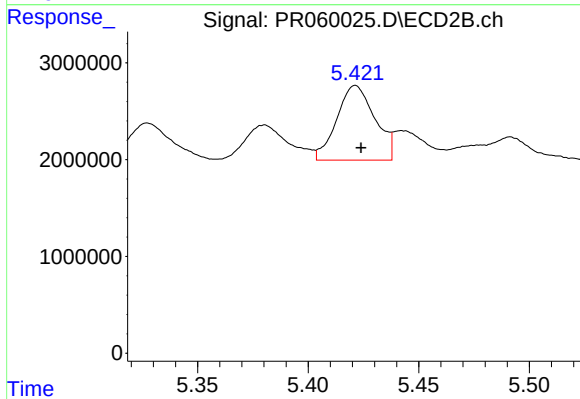
#27 AR-1254-2

R.T.: 5.003 min
Delta R.T.: -0.001 min
Response: 5203019
Conc: 25.91 ng/ml



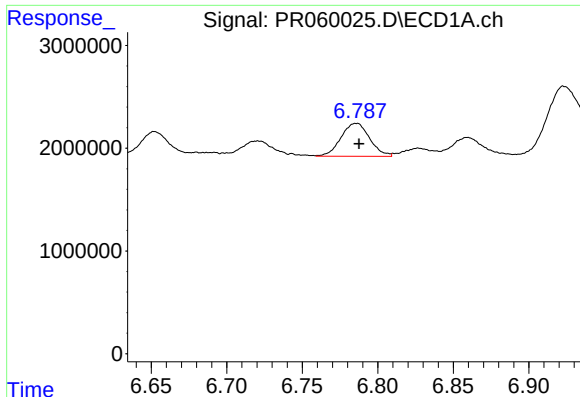
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 7032177
Conc: 45.25 ng/ml



#28 AR-1254-3

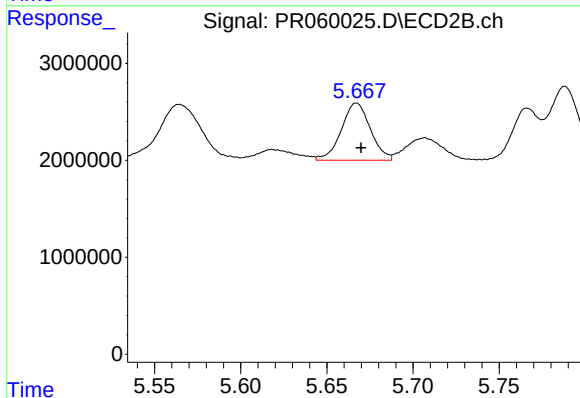
R.T.: 5.421 min
Delta R.T.: -0.003 min
Response: 9241412
Conc: 28.84 ng/ml



#29 AR-1254-4

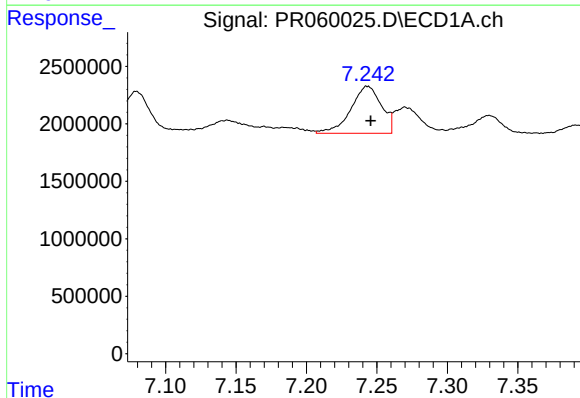
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 4236035
Conc: 38.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



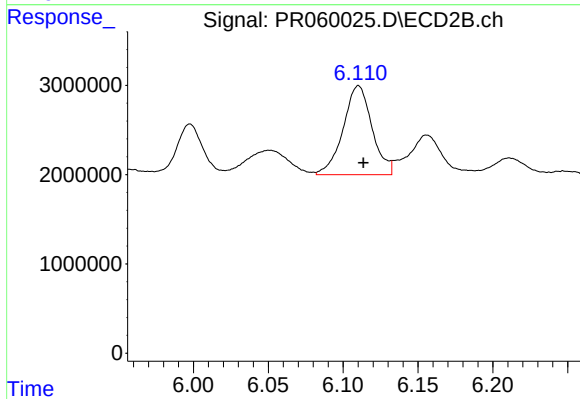
#29 AR-1254-4

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 6926381
Conc: 38.61 ng/ml



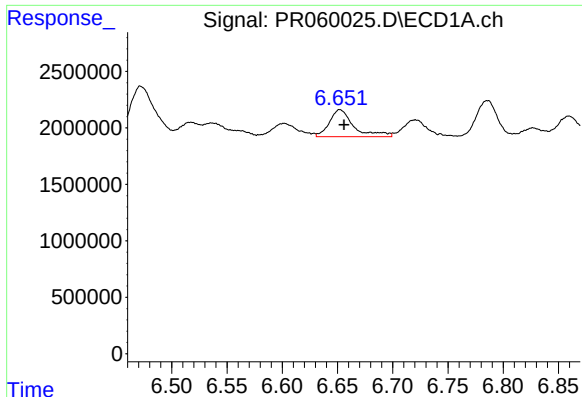
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.002 min
Response: 6194849
Conc: 50.50 ng/ml



#30 AR-1254-5

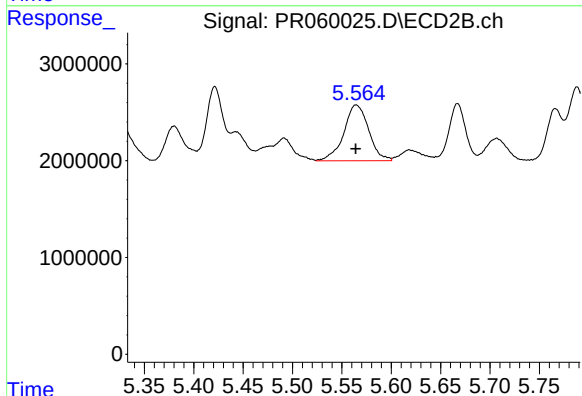
R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 13388903
Conc: 48.42 ng/ml



#31 AR-1260-1

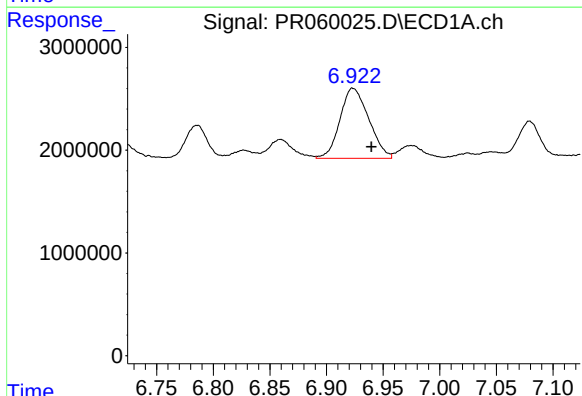
R.T.: 6.652 min
Delta R.T.: -0.004 min
Response: 3673878
Conc: 29.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



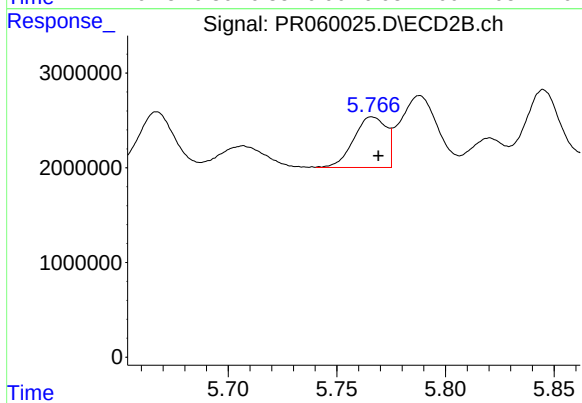
#31 AR-1260-1

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 10143837
Conc: 44.36 ng/ml



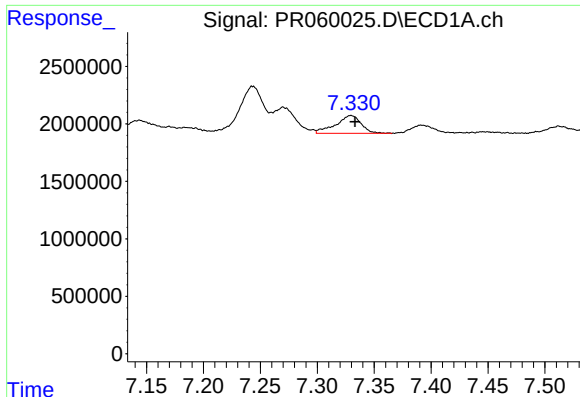
#32 AR-1260-2

R.T.: 6.924 min
Delta R.T.: -0.016 min
Response: 12091240
Conc: 86.06 ng/ml



#32 AR-1260-2

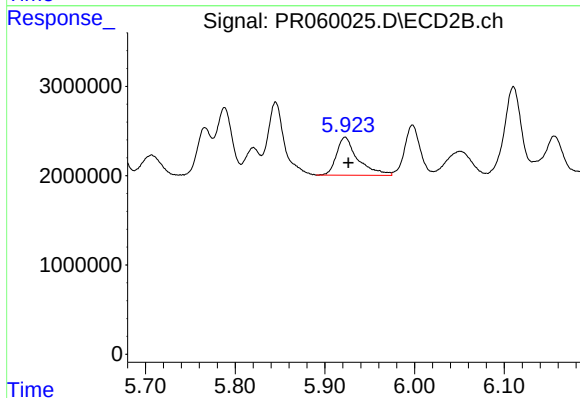
R.T.: 5.766 min
Delta R.T.: -0.003 min
Response: 5578836
Conc: 20.74 ng/ml



#33 AR-1260-3

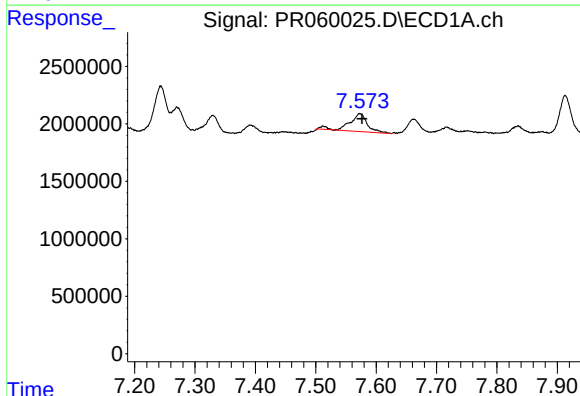
R.T.: 7.330 min
Delta R.T.: -0.004 min
Response: 2428113
Conc: 22.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



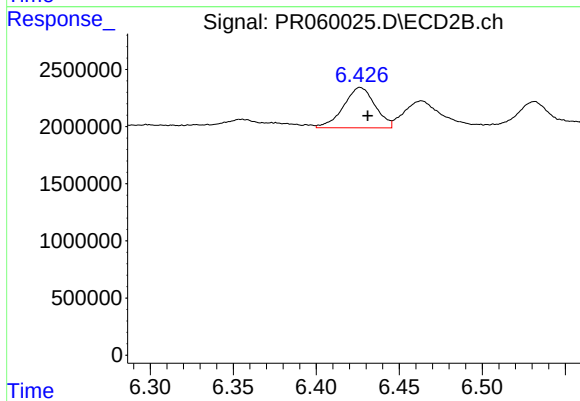
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 7020144
Conc: 27.71 ng/ml



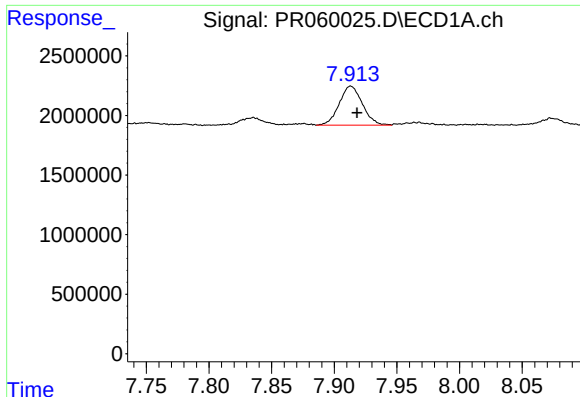
#34 AR-1260-4

R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 3095548
Conc: 25.09 ng/ml



#34 AR-1260-4

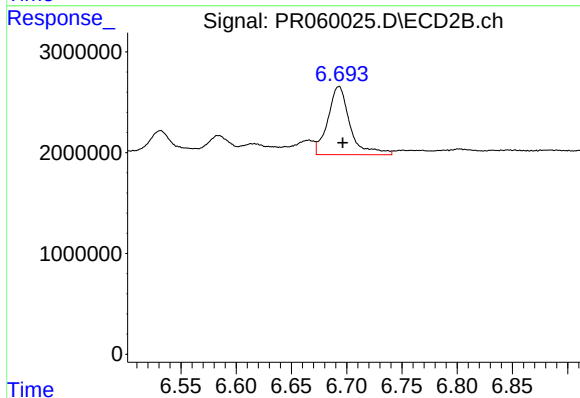
R.T.: 6.427 min
Delta R.T.: -0.004 min
Response: 4691715
Conc: 22.31 ng/ml



#35 AR-1260-5

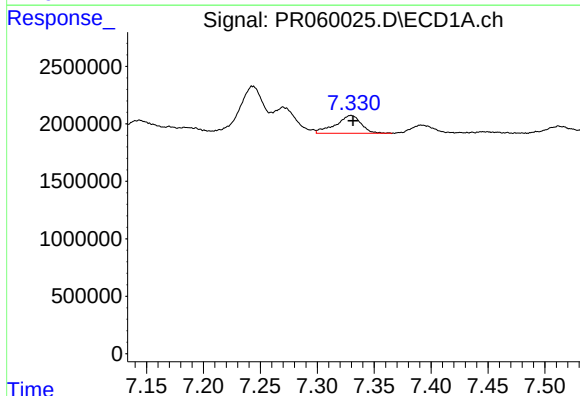
R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 4229591
Conc: 18.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



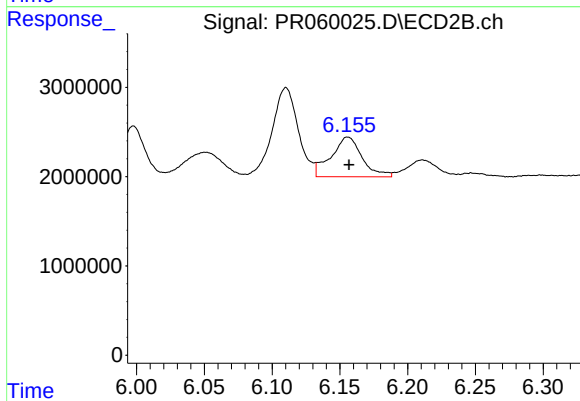
#35 AR-1260-5

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 9455889
Conc: 19.89 ng/ml



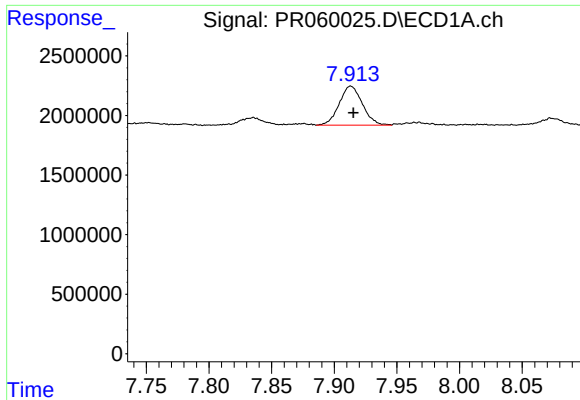
#36 AR-1262-1

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 2428113
Conc: 15.81 ng/ml



#36 AR-1262-1

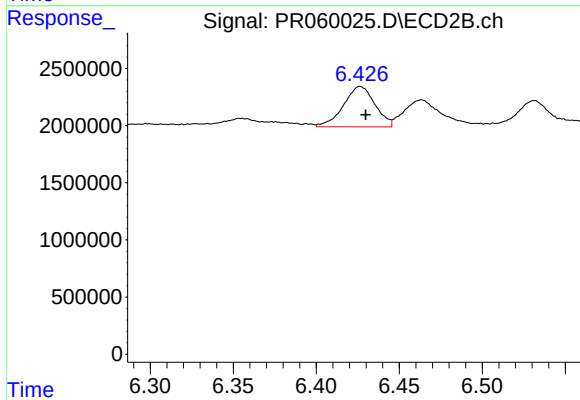
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 7114224
Conc: 23.28 ng/ml



#37 AR-1262-2

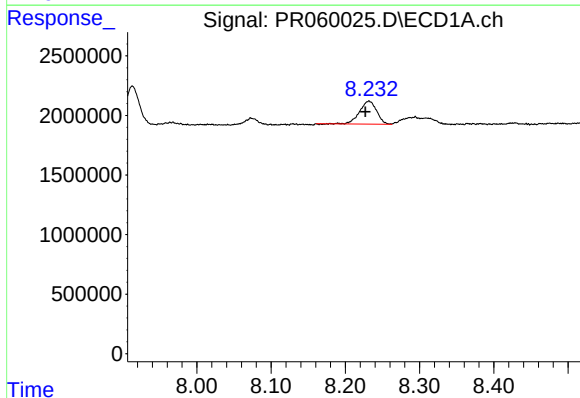
R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 4229591
Conc: 16.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



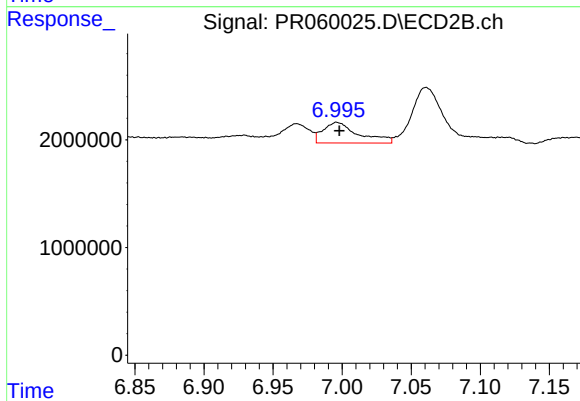
#37 AR-1262-2

R.T.: 6.427 min
Delta R.T.: -0.003 min
Response: 4691715
Conc: 17.26 ng/ml



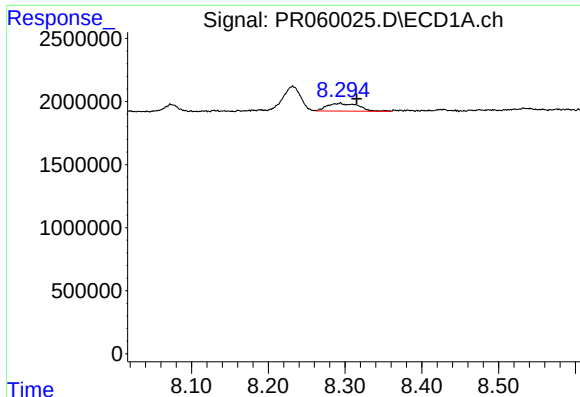
#38 AR-1262-3

R.T.: 8.232 min
Delta R.T.: 0.005 min
Response: 3054671
Conc: 16.26 ng/ml



#38 AR-1262-3

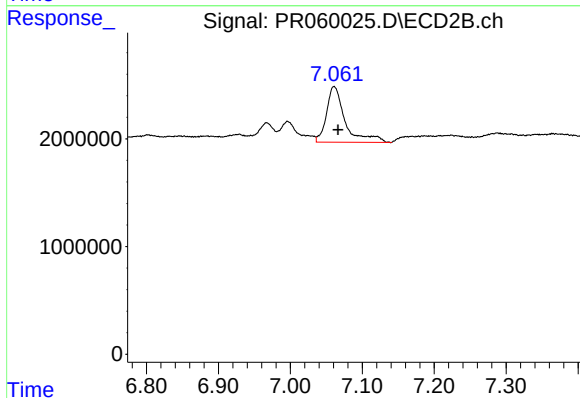
R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 3429972
Conc: 16.73 ng/ml



#39 AR-1262-4

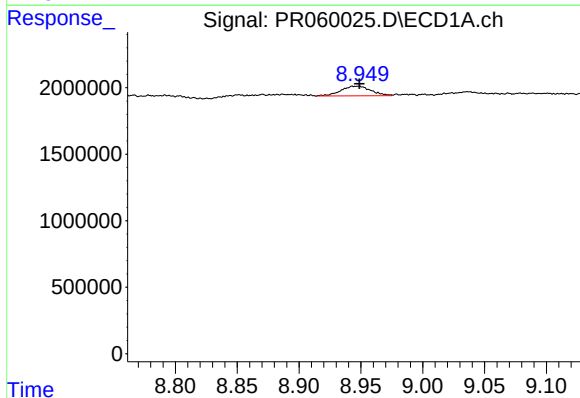
R.T.: 8.293 min
Delta R.T.: -0.022 min
Response: 1719656
Conc: 11.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



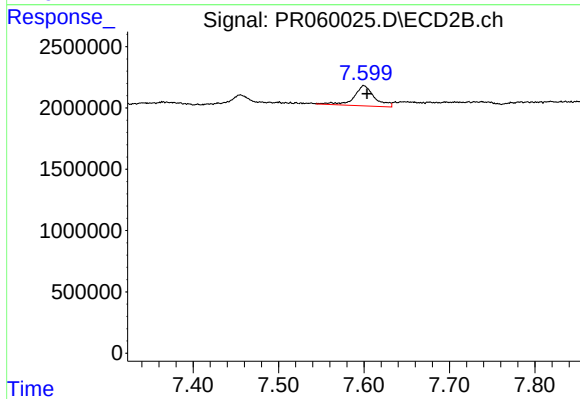
#39 AR-1262-4

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 9343080
Conc: 24.38 ng/ml



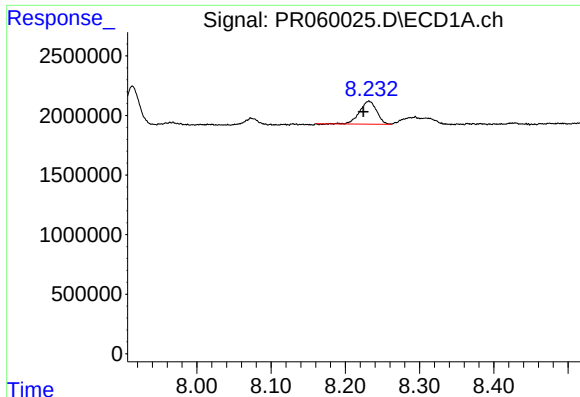
#40 AR-1262-5

R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 1237881
Conc: 11.77 ng/ml



#40 AR-1262-5

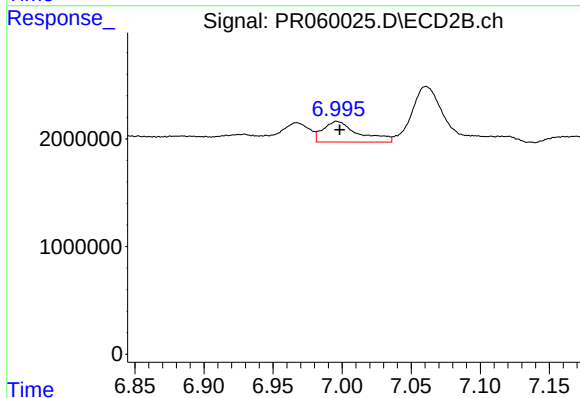
R.T.: 7.600 min
Delta R.T.: -0.003 min
Response: 2748730
Conc: 16.24 ng/ml



#41 AR-1268-1

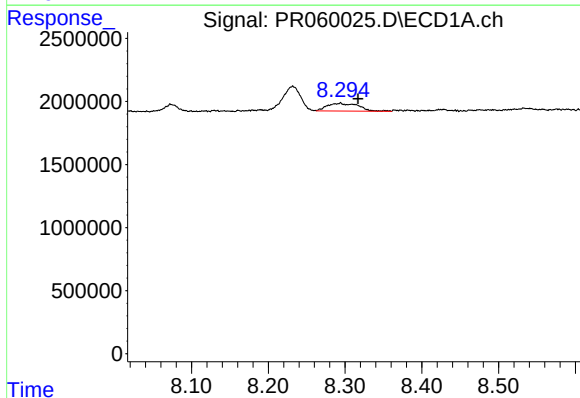
R.T.: 8.232 min
Delta R.T.: 0.008 min
Response: 3054671
Conc: 6.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



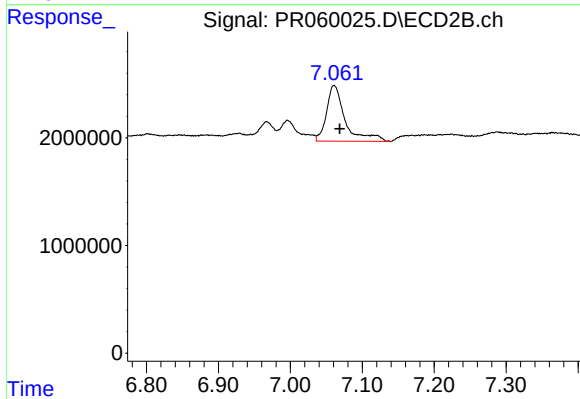
#41 AR-1268-1

R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 3429972
Conc: 3.90 ng/ml



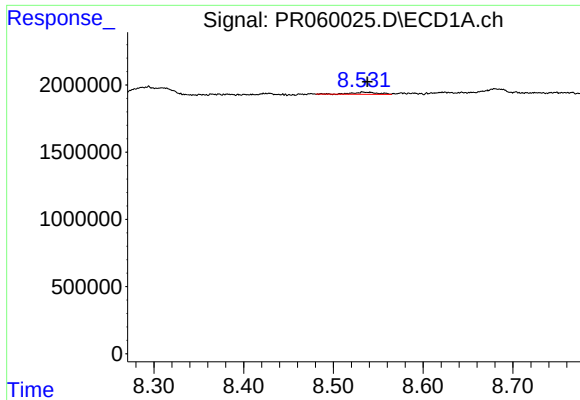
#42 AR-1268-2

R.T.: 8.293 min
Delta R.T.: -0.024 min
Response: 1719656
Conc: 4.30 ng/ml



#42 AR-1268-2

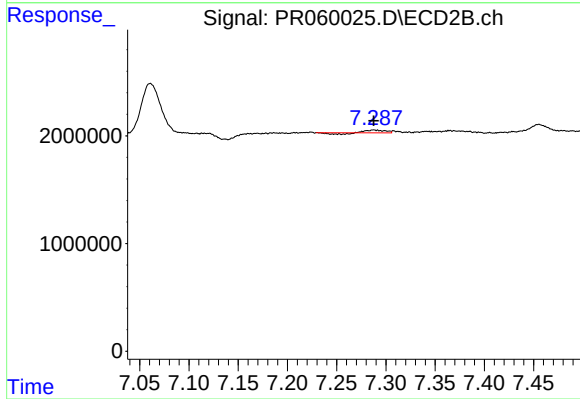
R.T.: 7.061 min
Delta R.T.: -0.008 min
Response: 9343080
Conc: 11.85 ng/ml



#43 AR-1268-3

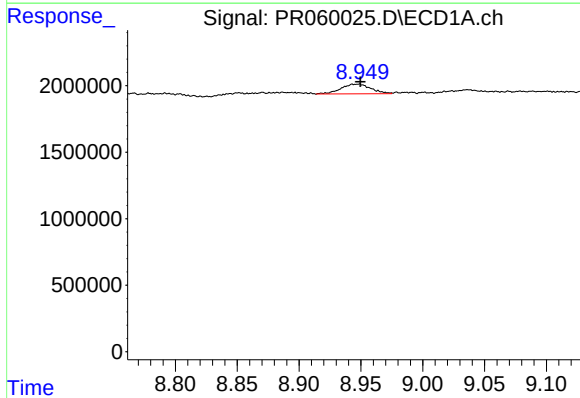
R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 304364
Conc: 0.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



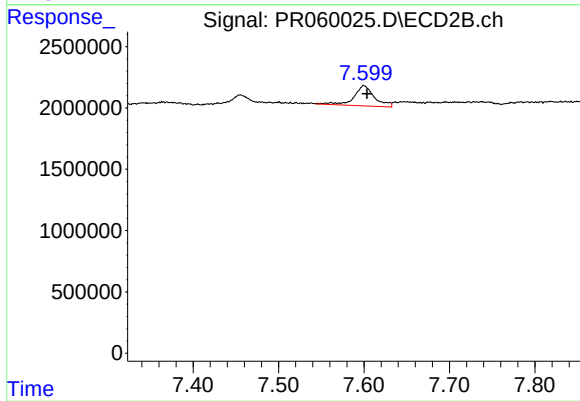
#43 AR-1268-3

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 219383
Conc: 0.32 ng/ml



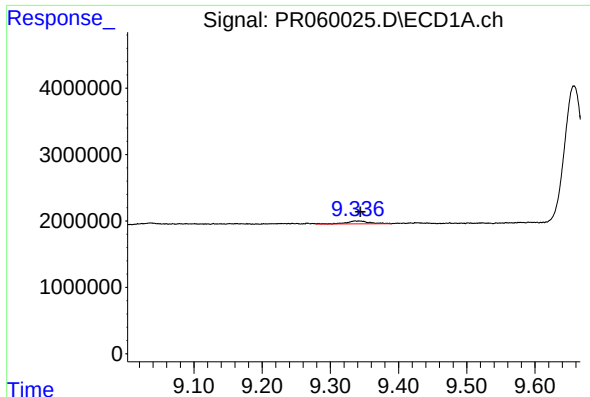
#44 AR-1268-4

R.T.: 8.947 min
Delta R.T.: -0.003 min
Response: 1237881
Conc: 7.85 ng/ml



#44 AR-1268-4

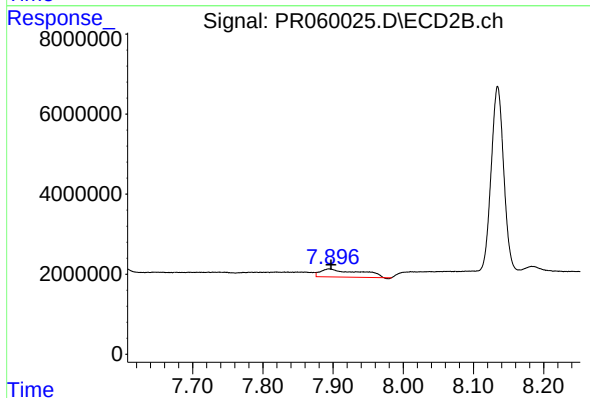
R.T.: 7.600 min
Delta R.T.: -0.003 min
Response: 2748730
Conc: 10.37 ng/ml



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.004 min
Response: 1083697
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 7459254
Conc: 3.56 ng/ml