

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091019\
 Data File : PR040891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2019 13:56
 Operator : SM\AJ
 Sample : K4634-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 F2D28

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:36:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 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...	4.725	3.994	66820558	278.9E6	21.742	20.946
2)	SA Decachlor...	10.646	9.125	81914018	219.4E6	29.433	22.446
Target Compounds							
3)	L1 AR-1016-1	0.000	5.094	0 25959387	N.D.	98.077	#
4)	L1 AR-1016-2	0.000	5.094	0 25959387	N.D.	70.730	#
5)	L1 AR-1016-3	6.014	5.298	4100112 25881852	43.758	127.391	#
6)	L1 AR-1016-4	6.140f	5.334	13203628 37898960	169.196	232.060	#
7)	L1 AR-1016-5	6.377	5.547	5951615 10575731	76.350	45.505	#
8)	L2 AR-1221-1	0.000	4.253f	0 255626	N.D.	2.130	#
9)	L2 AR-1221-2	0.000	4.299	0 2643294	N.D.	34.422	#
12)	L3 AR-1232-2	5.638	5.094	10059034 25959387	382.402	199.830	#
13)	L3 AR-1232-3	0.000	5.298	0 25881852	N.D.	352.345	#
14)	L3 AR-1232-4	6.140f	5.399	13203628 26573847	472.311	400.071	#
15)	L3 AR-1232-5	6.191	5.547	3225166 10575731	154.530	128.341	#
16)	L4 AR-1242-1	0.000	5.094	0 25959387	N.D.	149.419	#
17)	L4 AR-1242-2	0.000	5.094	0 25959387	N.D.	108.468	#
18)	L4 AR-1242-3	6.014	5.298	4100112 25881852	64.779	190.634	#
19)	L4 AR-1242-4	6.140f	5.399	13203628 26573847	249.870	193.251	#
20)	L4 AR-1242-5	6.825	5.918	9384699 21813645	148.936	95.112	#
21)	L5 AR-1248-1	0.000	5.094	0 25959387	N.D.	187.372	#
22)	L5 AR-1248-2	6.191	5.334	3225166 37898960	38.674	192.679	#
23)	L5 AR-1248-3	6.377	5.399	5951615 26573847	63.085	130.794	#
24)	L5 AR-1248-4	6.757	5.547	6700551 10575731	57.334	40.116	#
25)	L5 AR-1248-5	6.825	5.962	9384699 26914904	85.576	85.166	#
26)	L6 AR-1254-1	6.757	5.918	6700551 21813645	54.664	45.563	#
27)	L6 AR-1254-2	6.974	6.058	8656340 20961207	45.212	47.470	#
28)	L6 AR-1254-3	7.315	6.460	3650135 25340688	16.867	33.686	#
29)	L6 AR-1254-4	7.633	6.686	11804677 48488797	72.466	92.729	#
30)	L6 AR-1254-5	8.040	7.113	12310741 20688205	67.397	32.381	#
31)	L7 AR-1260-1	7.507	6.604	17054325 17365269	110.475	34.087	#
32)	L7 AR-1260-2	7.763	6.778	9918056 66620514	53.912	104.796	#
33)	L7 AR-1260-3	8.125	6.943	44020007 45656270	317.082	79.161	#
34)	L7 AR-1260-4	8.384	7.411	32097870 60787908	197.406	123.124	#
35)	L7 AR-1260-5	8.703	7.650	61066071 193.8E6	178.648	148.951	#
36)	L8 AR-1262-1	8.125	7.148	44020007 105.6E6	194.205	128.834	#
37)	L8 AR-1262-2	8.703	7.650	61066071 193.8E6	139.369	124.197	#
38)	L8 AR-1262-3	9.033	7.937	105.1E6 303.2E6	374.203	502.113	#
39)	L8 AR-1262-4	9.134	8.003	115.4E6 301.8E6	567.943	270.602	#
40)	L8 AR-1262-5	9.836	8.520	69407918 212.7E6	478.211	407.020	#
41)	L9 AR-1268-1	9.033	7.937	105.1E6 303.2E6	235.620	189.102	#
42)	L9 AR-1268-2	9.134	8.003	115.4E6 301.8E6	282.674	201.912	#
43)	L9 AR-1268-3	9.379	8.219	21370570 84510812	63.178	67.626	#
44)	L9 AR-1268-4	9.836	8.520	69407918 212.7E6	483.951	408.417	#

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Instrument :
 ECD_R
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:36:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 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
45) L9	AR-1268-5	10.282	8.840	134.1E6	370.5E6	118.241	100.437

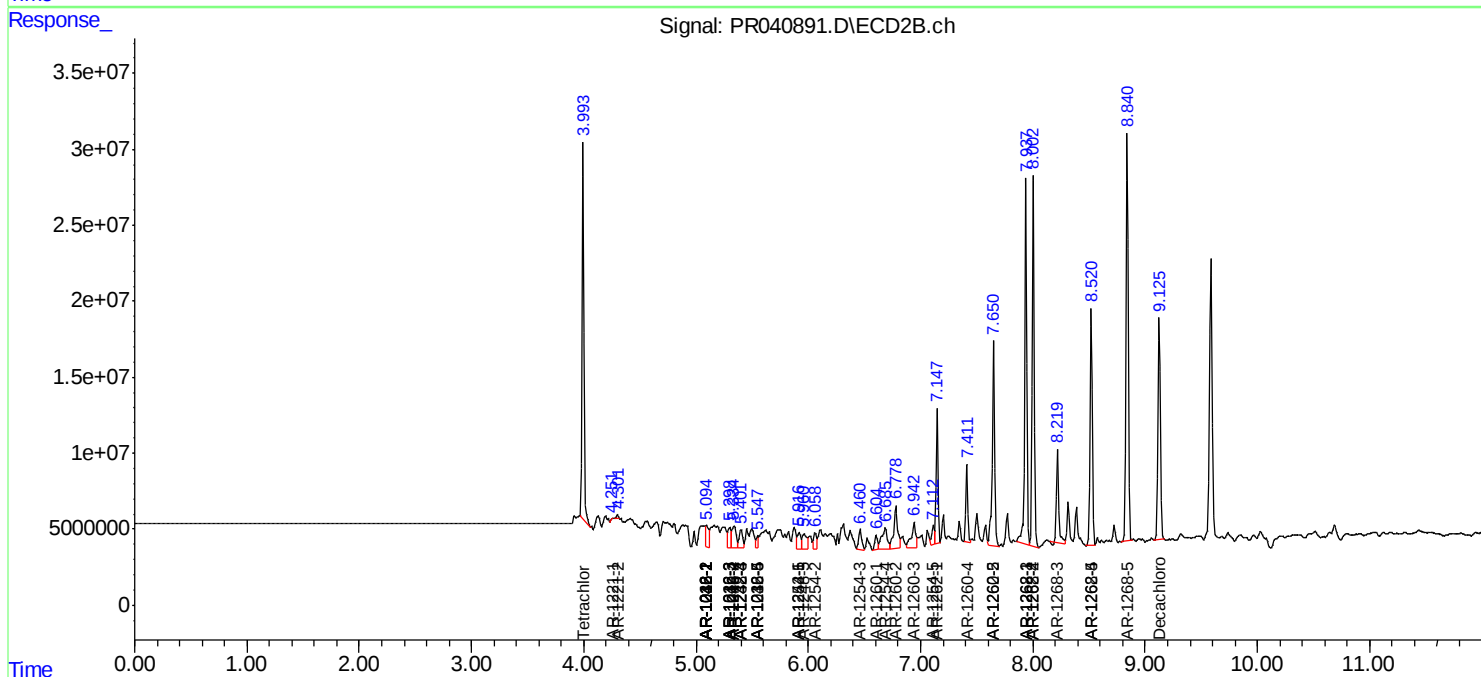
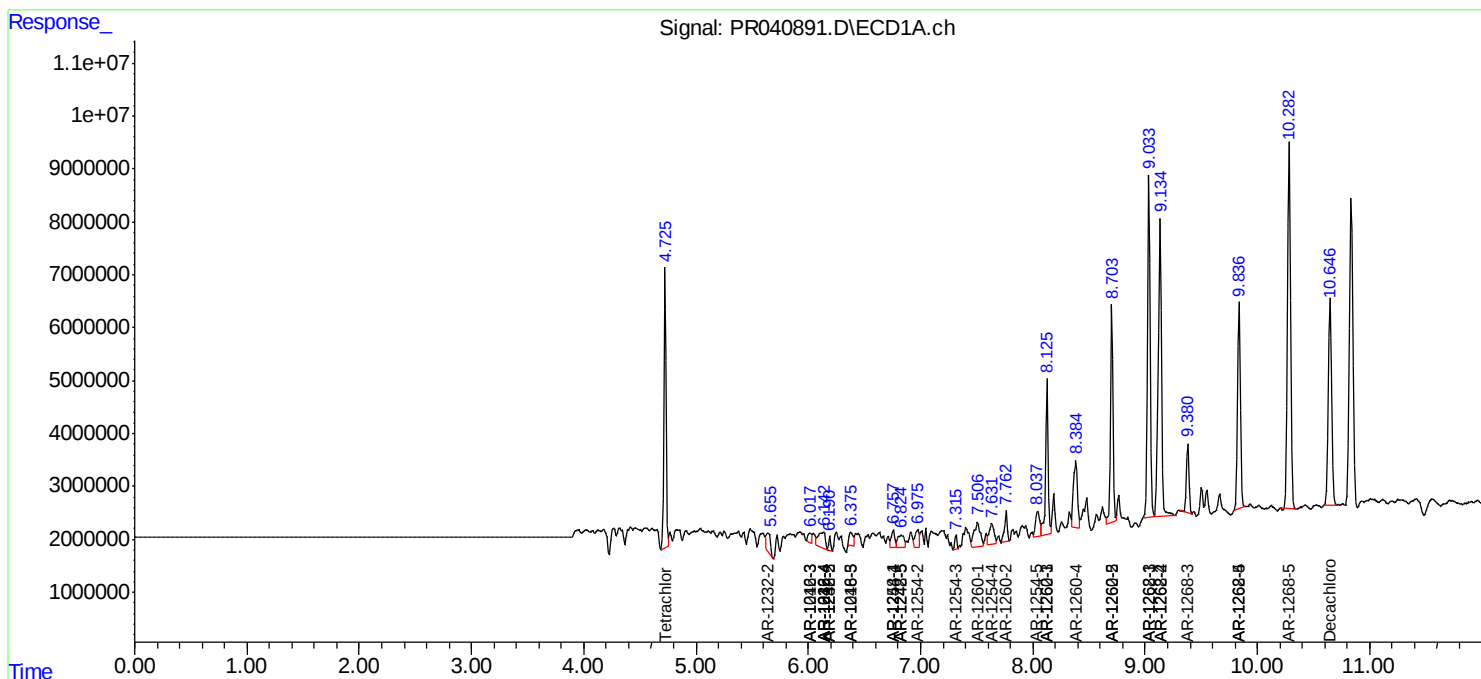
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

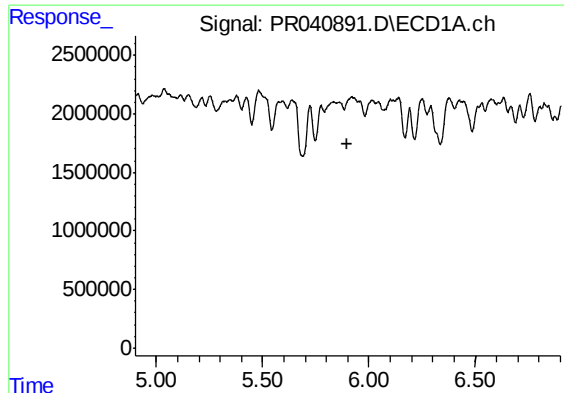
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091019\
Data File : PR040891.D
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

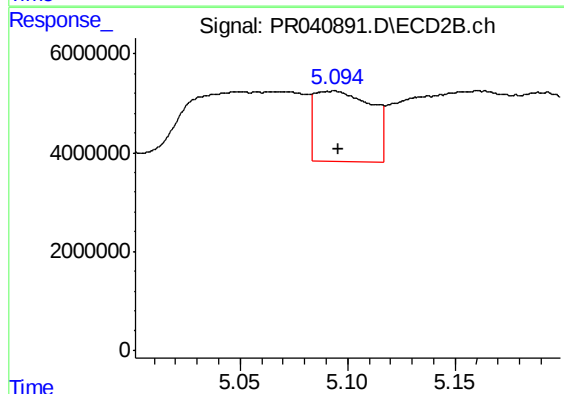




#3 AR-1016-1

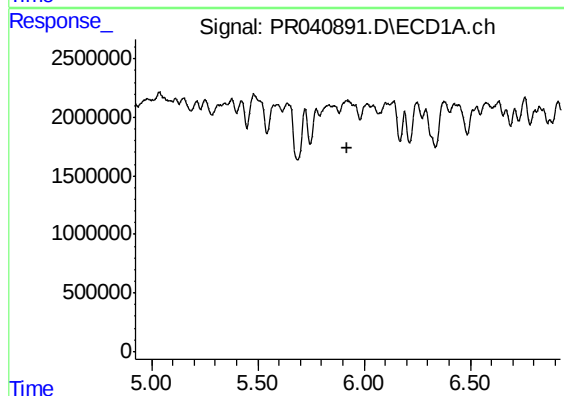
R.T.: 0.000 min
Exp R.T.: 5.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
F2D28



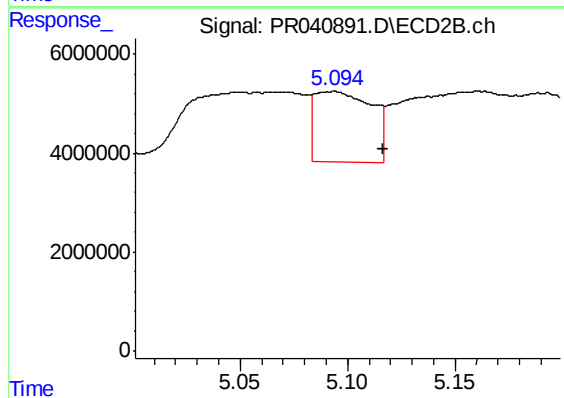
#3 AR-1016-1

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 25959387
Conc: 98.08 ng/ml



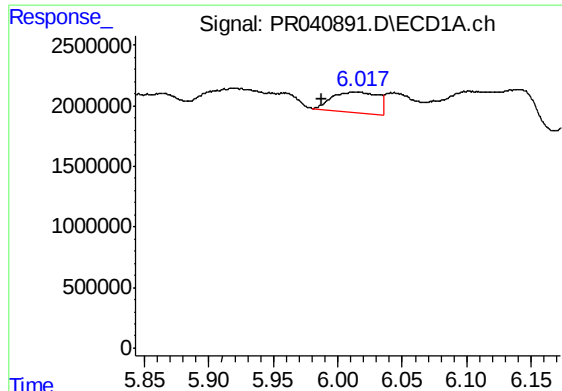
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.924 min
Response: 0
Conc: N.D.



#4 AR-1016-2

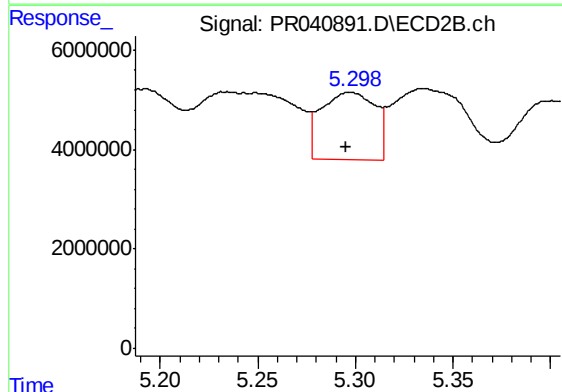
R.T.: 5.094 min
Delta R.T.: -0.023 min
Response: 25959387
Conc: 70.73 ng/ml



#5 AR-1016-3

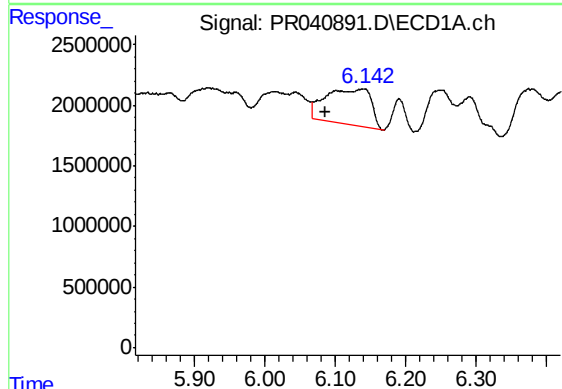
R.T.: 6.014 min
Delta R.T.: 0.027 min
Response: 4100112
Conc: 43.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



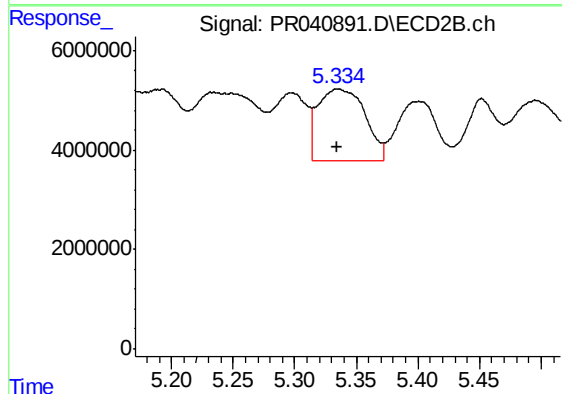
#5 AR-1016-3

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 25881852
Conc: 127.39 ng/ml



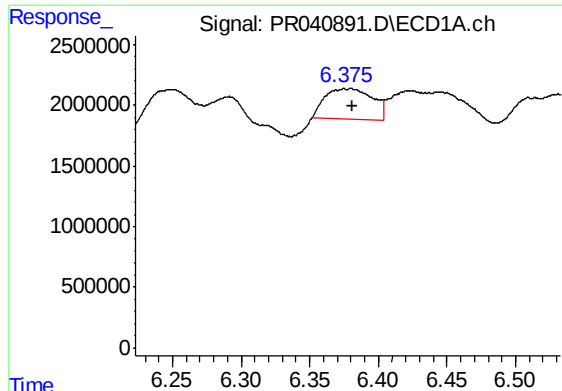
#6 AR-1016-4

R.T.: 6.140 min
Delta R.T.: 0.053 min
Response: 13203628
Conc: 169.20 ng/ml



#6 AR-1016-4

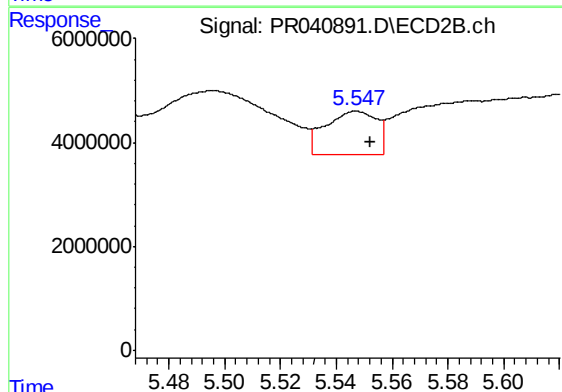
R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 37898960
Conc: 232.06 ng/ml



#7 AR-1016-5

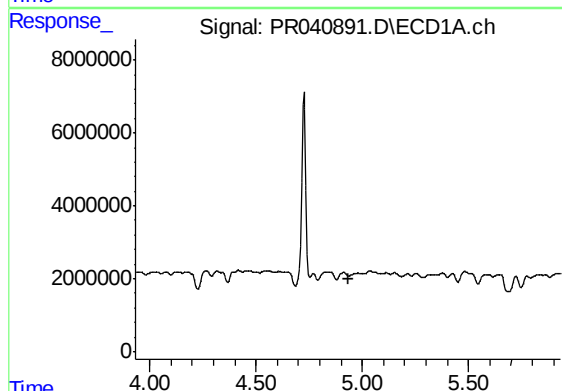
R.T.: 6.377 min
Delta R.T.: -0.004 min
Response: 5951615
Conc: 76.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



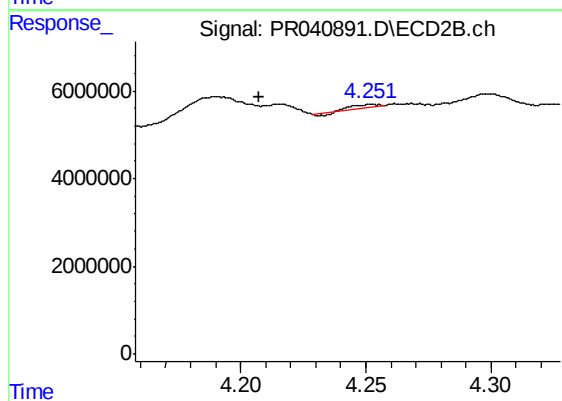
#7 AR-1016-5

R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 10575731
Conc: 45.51 ng/ml



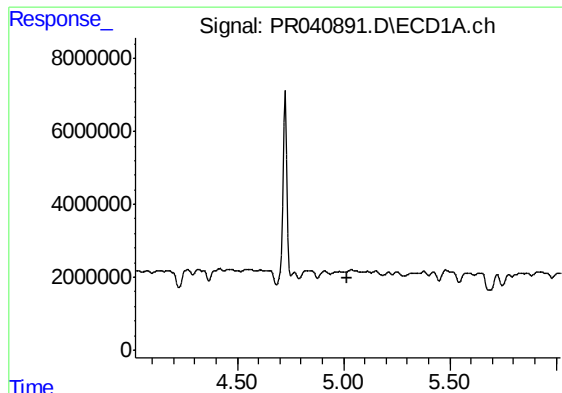
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.932 min
Response: 0
Conc: N.D.



#8 AR-1221-1

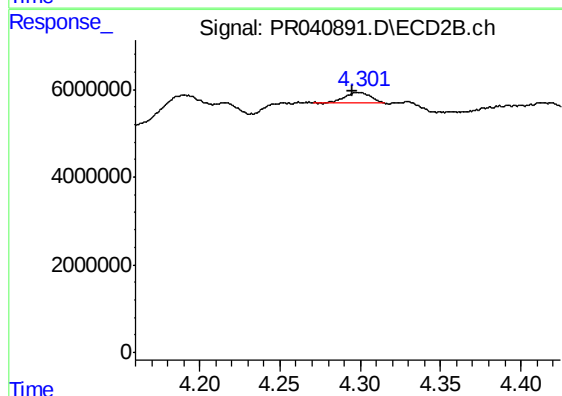
R.T.: 4.253 min
Delta R.T.: 0.045 min
Response: 255626
Conc: 2.13 ng/ml



#9 AR-1221-2

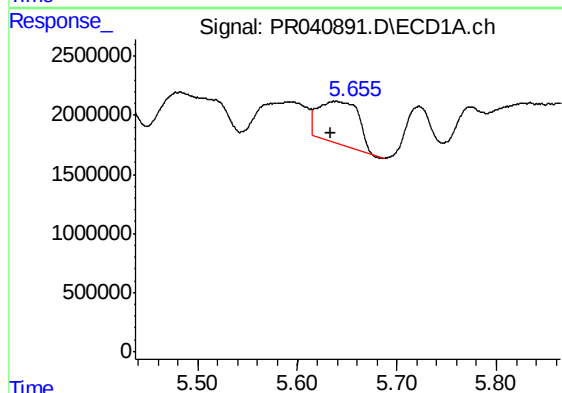
R.T.: 0.000 min
Exp R.T.: 5.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
F2D28



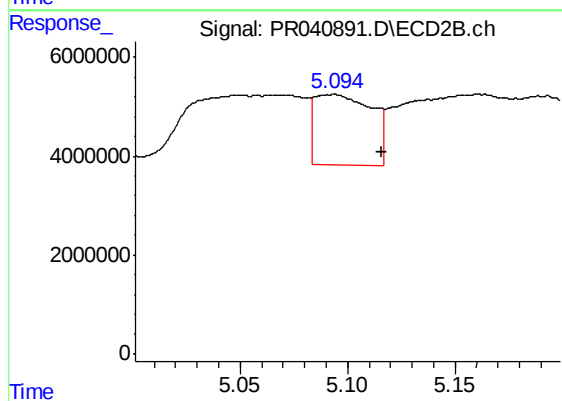
#9 AR-1221-2

R.T.: 4.299 min
Delta R.T.: 0.005 min
Response: 2643294
Conc: 34.42 ng/ml



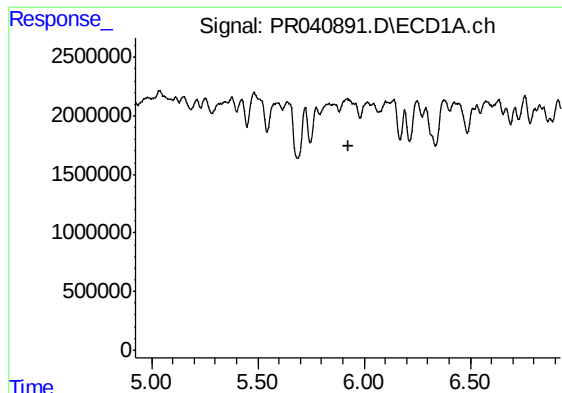
#12 AR-1232-2

R.T.: 5.638 min
Delta R.T.: 0.004 min
Response: 10059034
Conc: 382.40 ng/ml



#12 AR-1232-2

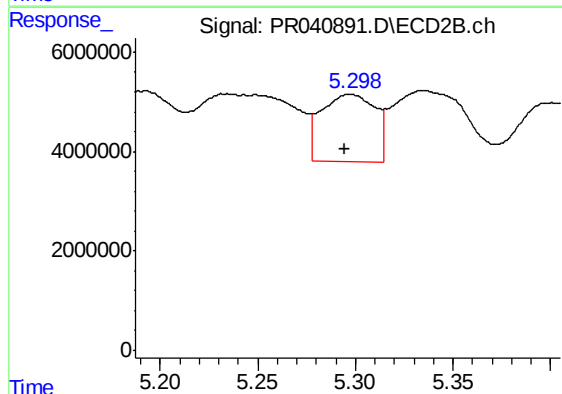
R.T.: 5.094 min
Delta R.T.: -0.022 min
Response: 25959387
Conc: 199.83 ng/ml



#13 AR-1232-3

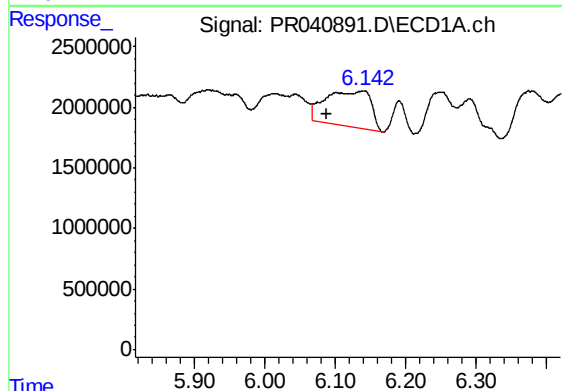
R.T.: 0.000 min
Exp R.T.: 5.924 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
F2D28



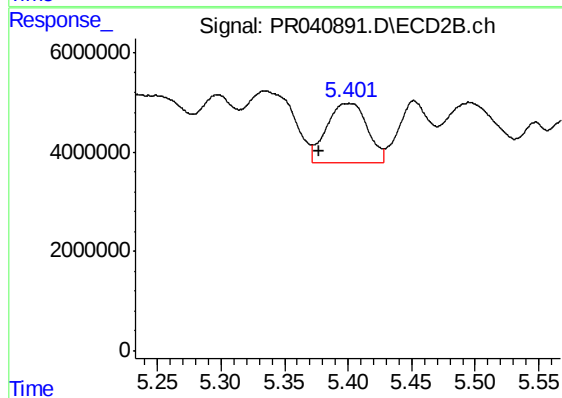
#13 AR-1232-3

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 25881852
Conc: 352.34 ng/ml



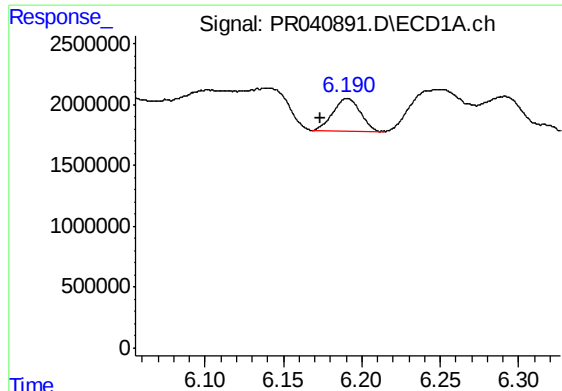
#14 AR-1232-4

R.T.: 6.140 min
Delta R.T.: 0.052 min
Response: 13203628
Conc: 472.31 ng/ml



#14 AR-1232-4

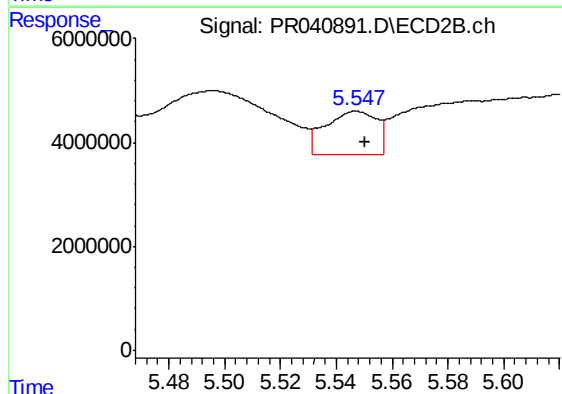
R.T.: 5.399 min
Delta R.T.: 0.022 min
Response: 26573847
Conc: 400.07 ng/ml



#15 AR-1232-5

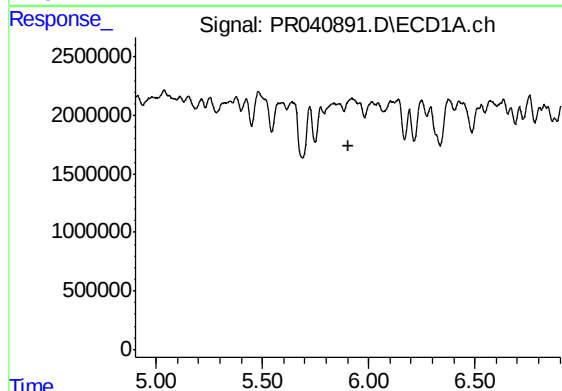
R.T.: 6.191 min
Delta R.T.: 0.017 min
Response: 3225166
Conc: 154.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



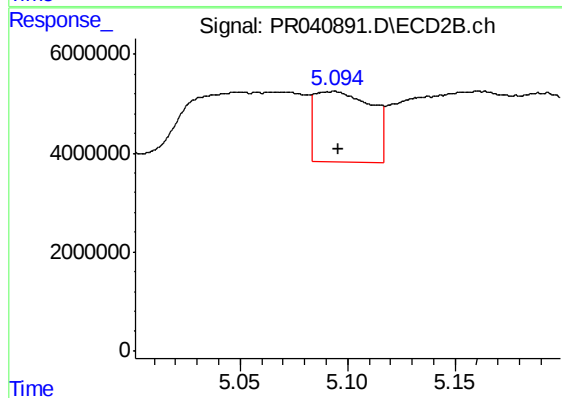
#15 AR-1232-5

R.T.: 5.547 min
Delta R.T.: -0.003 min
Response: 10575731
Conc: 128.34 ng/ml



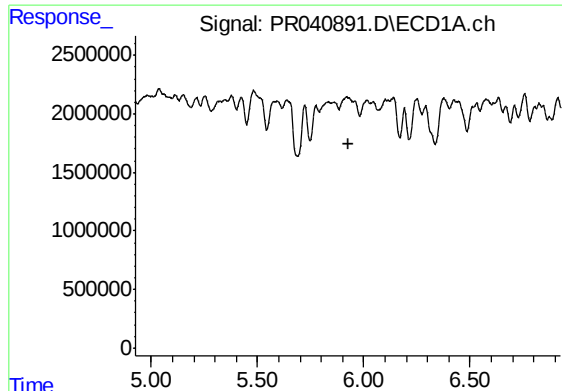
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



#16 AR-1242-1

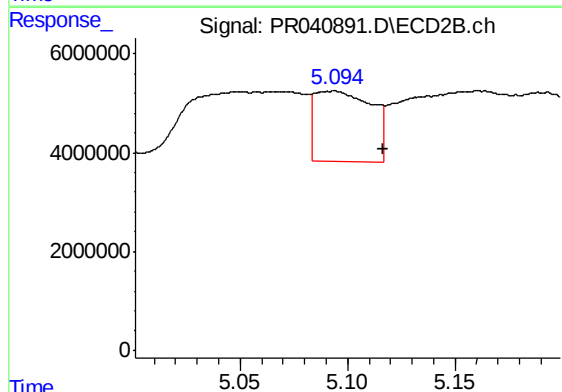
R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 25959387
Conc: 149.42 ng/ml



#17 AR-1242-2

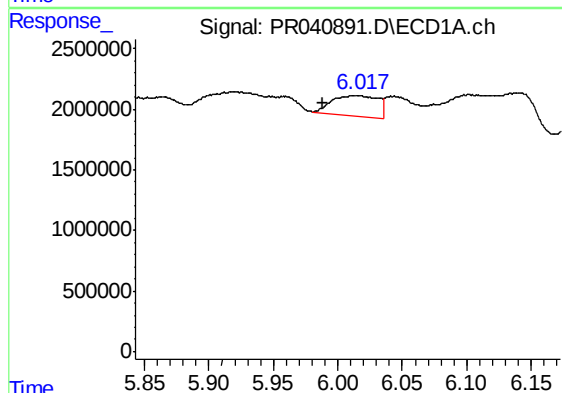
R.T.: 0.000 min
Exp R.T.: 5.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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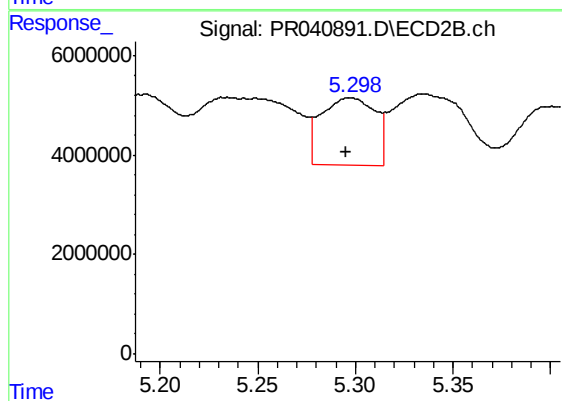
#17 AR-1242-2

R.T.: 5.094 min
Delta R.T.: -0.023 min
Response: 25959387
Conc: 108.47 ng/ml



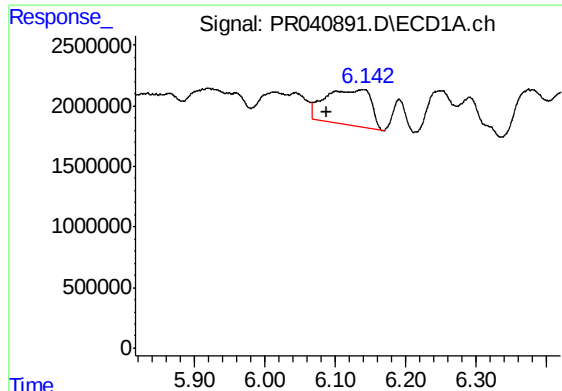
#18 AR-1242-3

R.T.: 6.014 min
Delta R.T.: 0.026 min
Response: 4100112
Conc: 64.78 ng/ml



#18 AR-1242-3

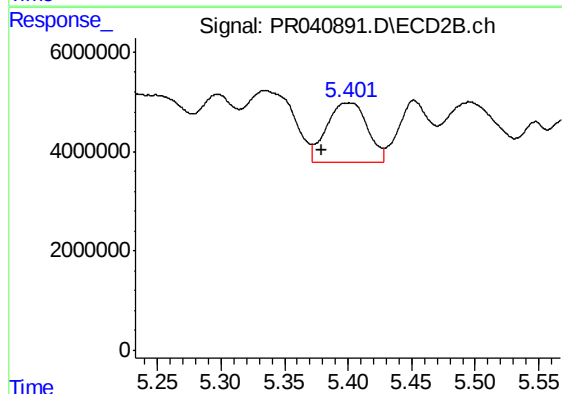
R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 25881852
Conc: 190.63 ng/ml



#19 AR-1242-4

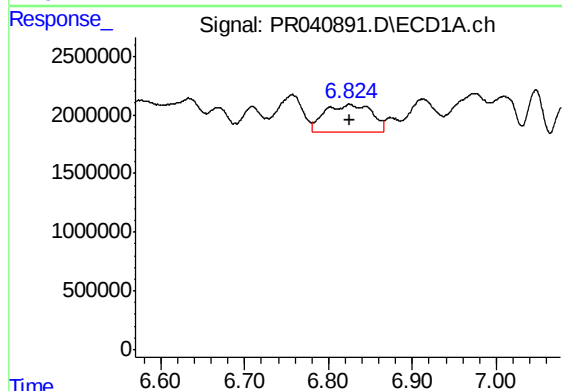
R.T.: 6.140 min
Delta R.T.: 0.051 min
Response: 13203628
Conc: 249.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
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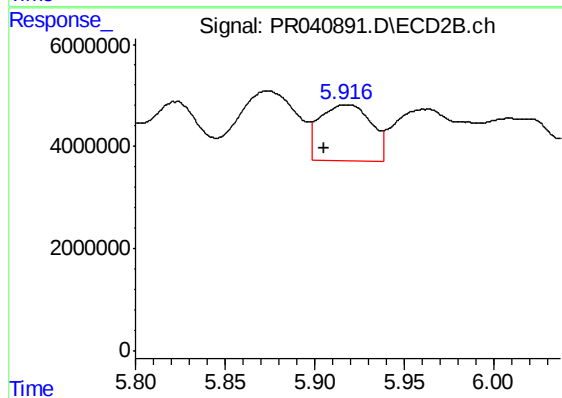
#19 AR-1242-4

R.T.: 5.399 min
Delta R.T.: 0.020 min
Response: 26573847
Conc: 193.25 ng/ml



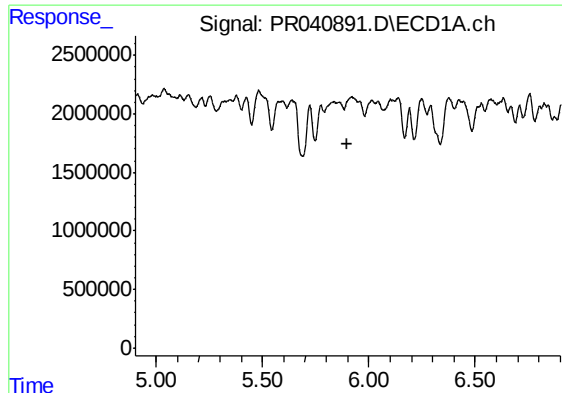
#20 AR-1242-5

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 9384699
Conc: 148.94 ng/ml



#20 AR-1242-5

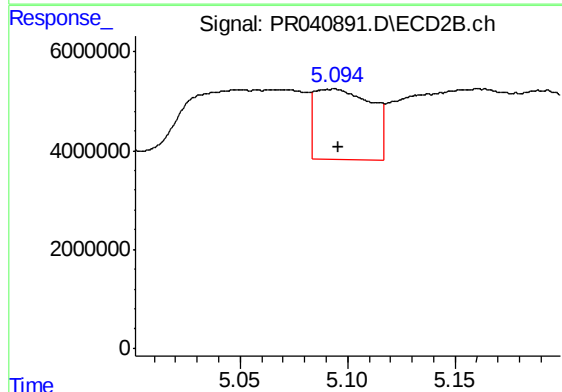
R.T.: 5.918 min
Delta R.T.: 0.013 min
Response: 21813645
Conc: 95.11 ng/ml



#21 AR-1248-1

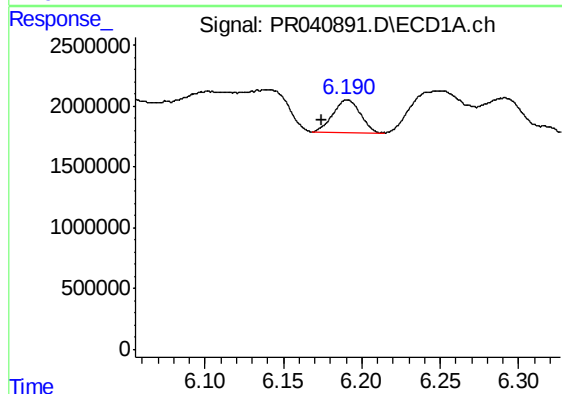
R.T.: 0.000 min
Exp R.T.: 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
F2D28



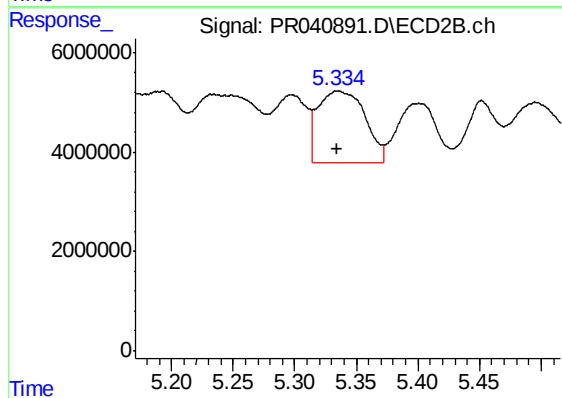
#21 AR-1248-1

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 25959387
Conc: 187.37 ng/ml



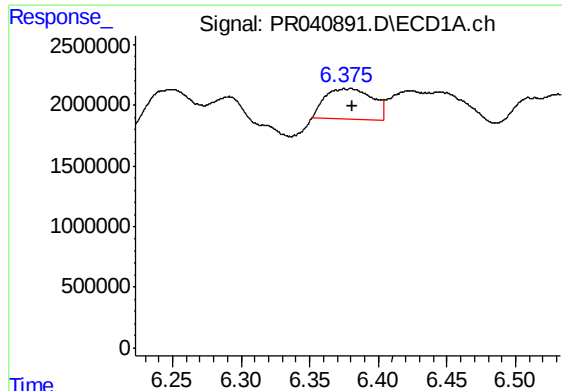
#22 AR-1248-2

R.T.: 6.191 min
Delta R.T.: 0.016 min
Response: 3225166
Conc: 38.67 ng/ml



#22 AR-1248-2

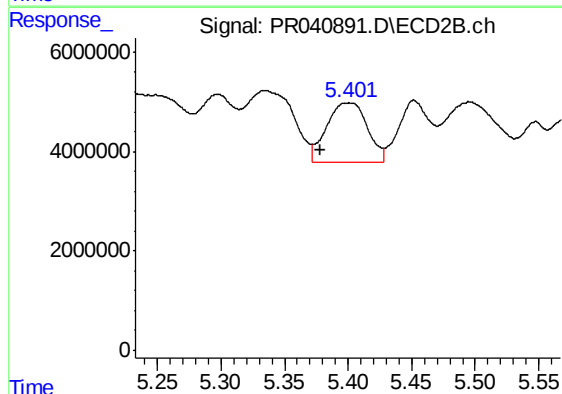
R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 37898960
Conc: 192.68 ng/ml



#23 AR-1248-3

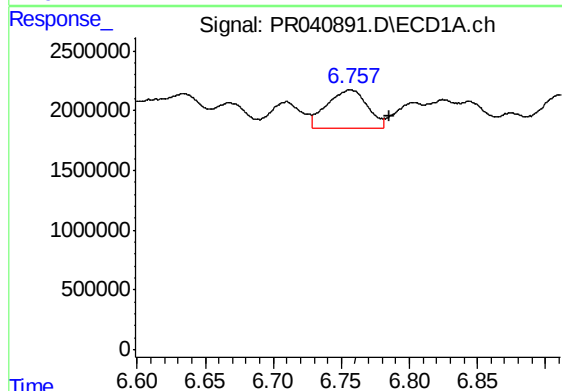
R.T.: 6.377 min
Delta R.T.: -0.004 min
Response: 5951615
Conc: 63.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



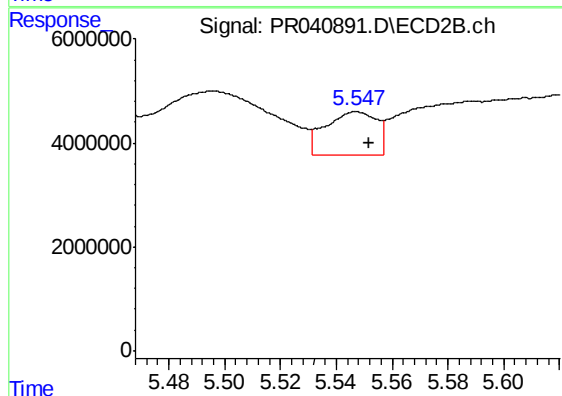
#23 AR-1248-3

R.T.: 5.399 min
Delta R.T.: 0.022 min
Response: 26573847
Conc: 130.79 ng/ml



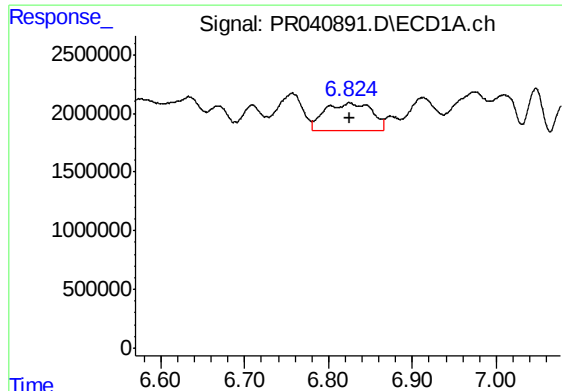
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.029 min
Response: 6700551
Conc: 57.33 ng/ml



#24 AR-1248-4

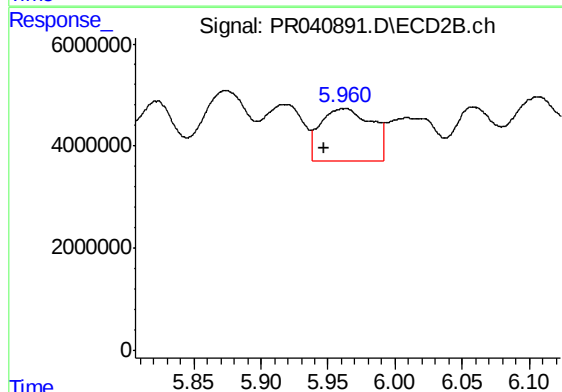
R.T.: 5.547 min
Delta R.T.: -0.005 min
Response: 10575731
Conc: 40.12 ng/ml



#25 AR-1248-5

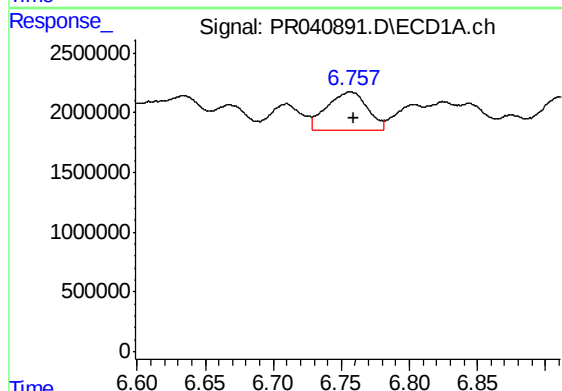
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 9384699
Conc: 85.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



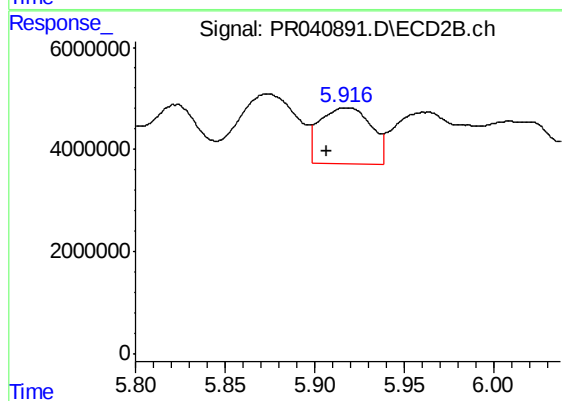
#25 AR-1248-5

R.T.: 5.962 min
Delta R.T.: 0.014 min
Response: 26914904
Conc: 85.17 ng/ml



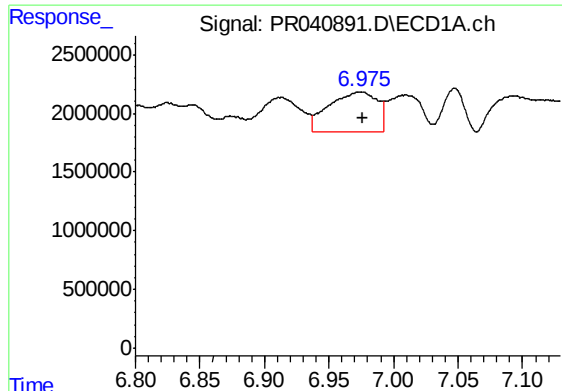
#26 AR-1254-1

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 6700551
Conc: 54.66 ng/ml



#26 AR-1254-1

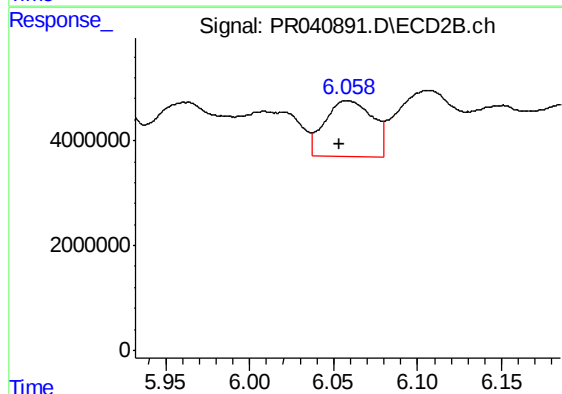
R.T.: 5.918 min
Delta R.T.: 0.011 min
Response: 21813645
Conc: 45.56 ng/ml



#27 AR-1254-2

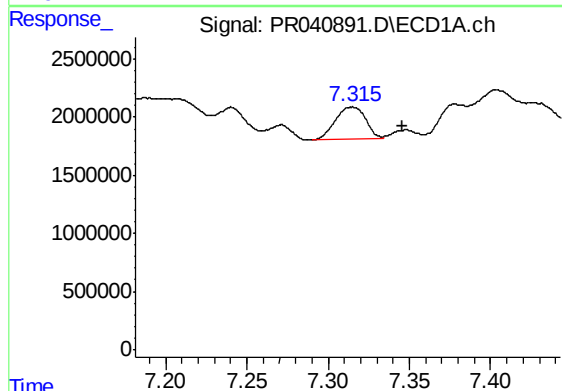
R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 8656340
Conc: 45.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



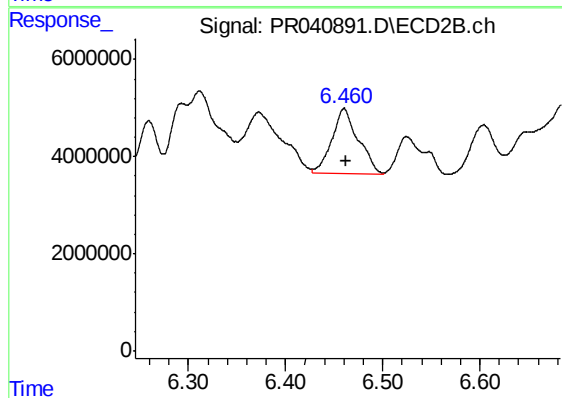
#27 AR-1254-2

R.T.: 6.058 min
Delta R.T.: 0.005 min
Response: 20961207
Conc: 47.47 ng/ml



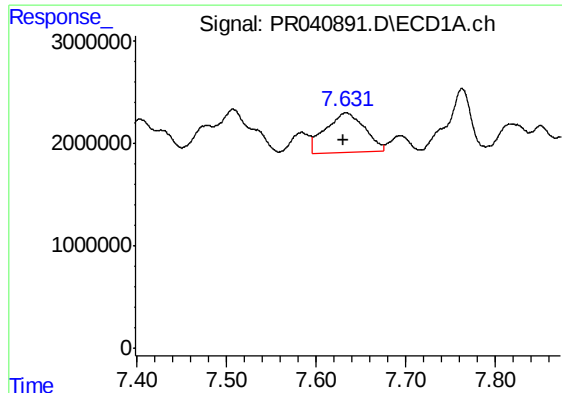
#28 AR-1254-3

R.T.: 7.315 min
Delta R.T.: -0.031 min
Response: 3650135
Conc: 16.87 ng/ml



#28 AR-1254-3

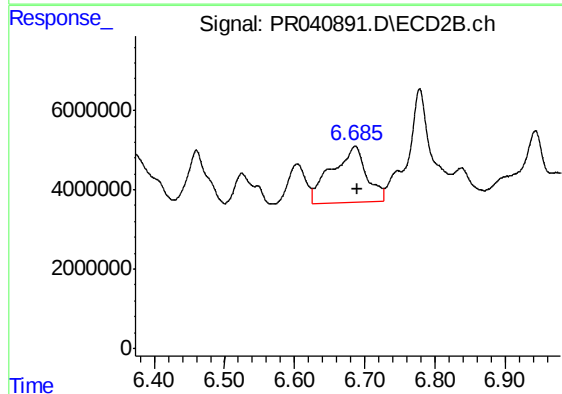
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 25340688
Conc: 33.69 ng/ml



#29 AR-1254-4

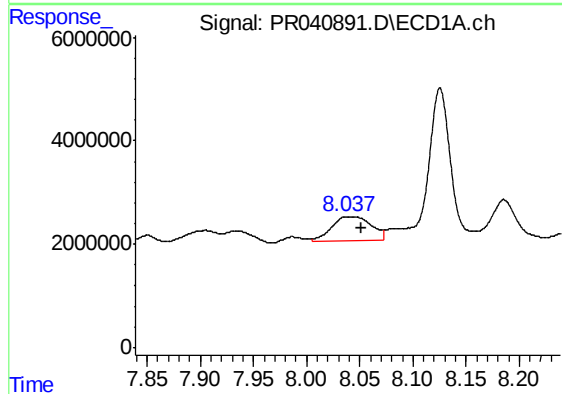
R.T.: 7.633 min
Delta R.T.: 0.002 min
Response: 11804677
Conc: 72.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



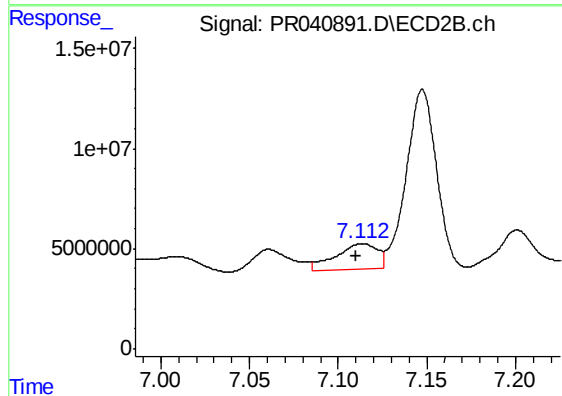
#29 AR-1254-4

R.T.: 6.686 min
Delta R.T.: -0.003 min
Response: 48488797
Conc: 92.73 ng/ml



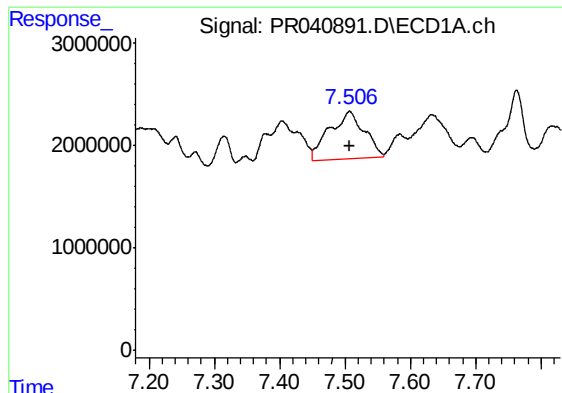
#30 AR-1254-5

R.T.: 8.040 min
Delta R.T.: -0.012 min
Response: 12310741
Conc: 67.40 ng/ml



#30 AR-1254-5

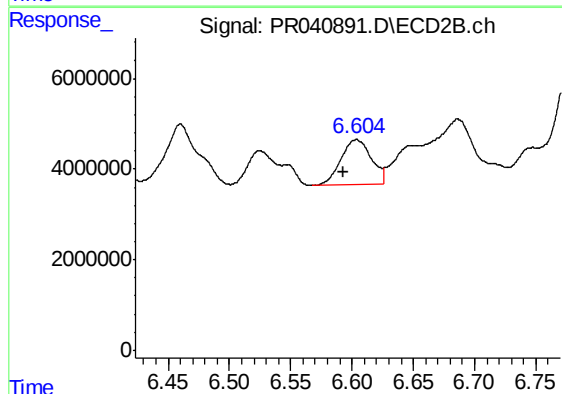
R.T.: 7.113 min
Delta R.T.: 0.003 min
Response: 20688205
Conc: 32.38 ng/ml



#31 AR-1260-1

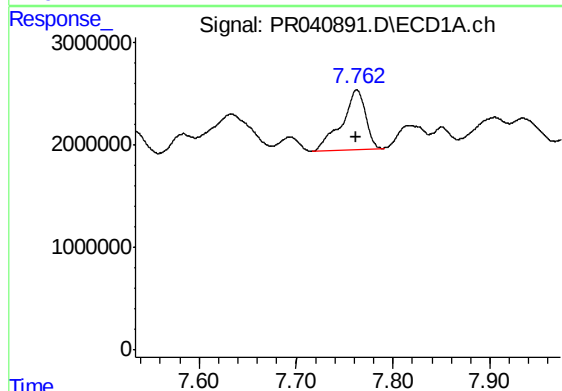
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 17054325
Conc: 110.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



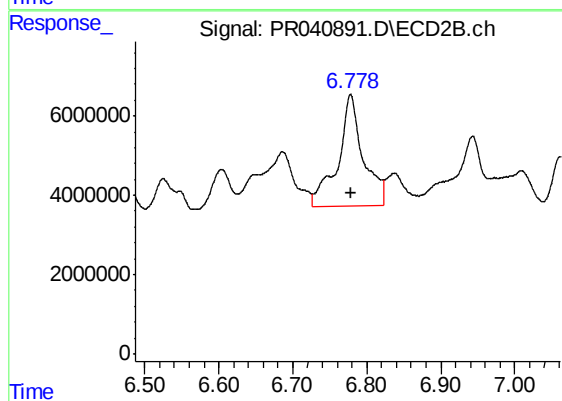
#31 AR-1260-1

R.T.: 6.604 min
Delta R.T.: 0.011 min
Response: 17365269
Conc: 34.09 ng/ml



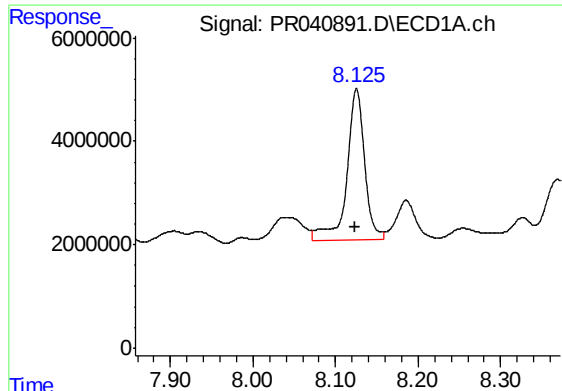
#32 AR-1260-2

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 9918056
Conc: 53.91 ng/ml



#32 AR-1260-2

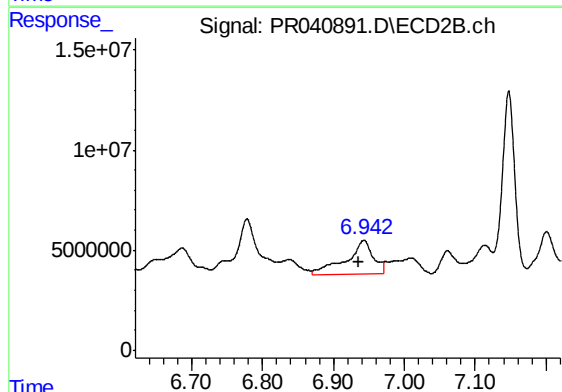
R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 66620514
Conc: 104.80 ng/ml



#33 AR-1260-3

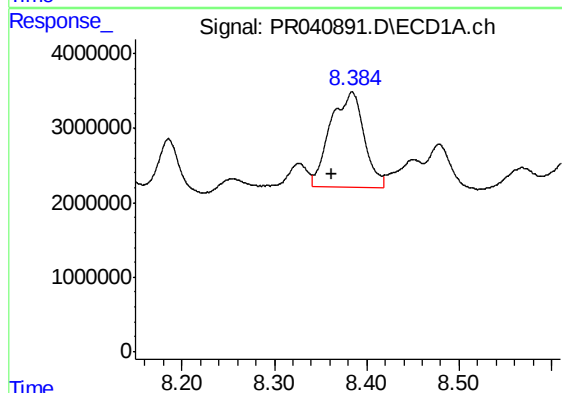
R.T.: 8.125 min
Delta R.T.: 0.003 min
Response: 44020007
Conc: 317.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



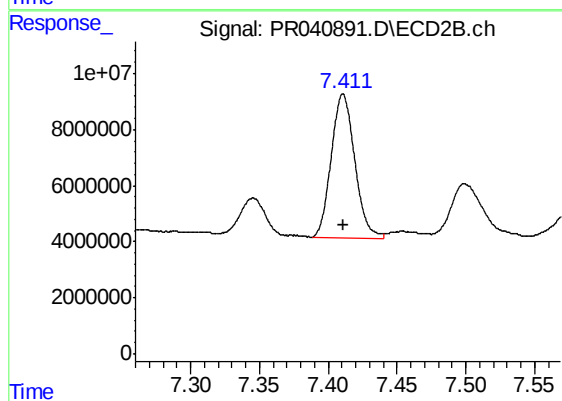
#33 AR-1260-3

R.T.: 6.943 min
Delta R.T.: 0.007 min
Response: 45656270
Conc: 79.16 ng/ml



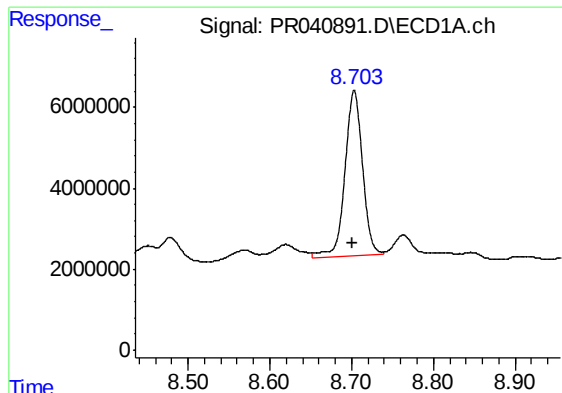
#34 AR-1260-4

R.T.: 8.384 min
Delta R.T.: 0.022 min
Response: 32097870
Conc: 197.41 ng/ml



#34 AR-1260-4

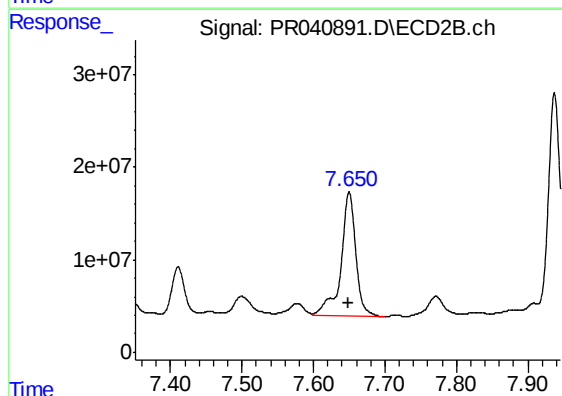
R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 60787908
Conc: 123.12 ng/ml



#35 AR-1260-5

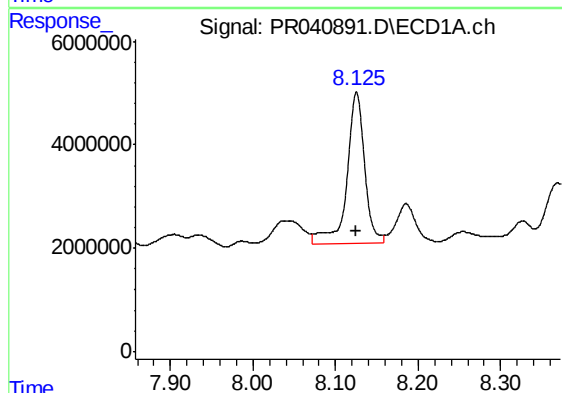
R.T.: 8.703 min
Delta R.T.: 0.003 min
Response: 61066071
Conc: 178.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



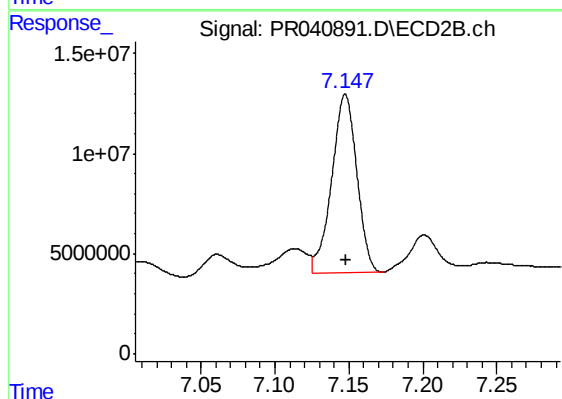
#35 AR-1260-5

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 193795144
Conc: 148.95 ng/ml



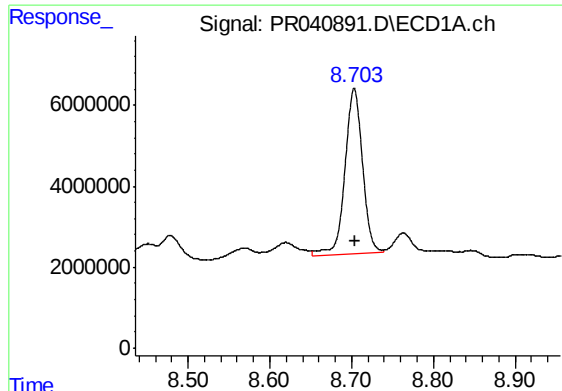
#36 AR-1262-1

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 44020007
Conc: 194.21 ng/ml



#36 AR-1262-1

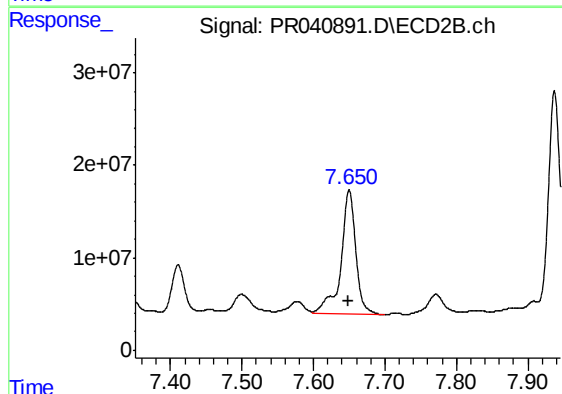
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 105587037
Conc: 128.83 ng/ml



#37 AR-1262-2

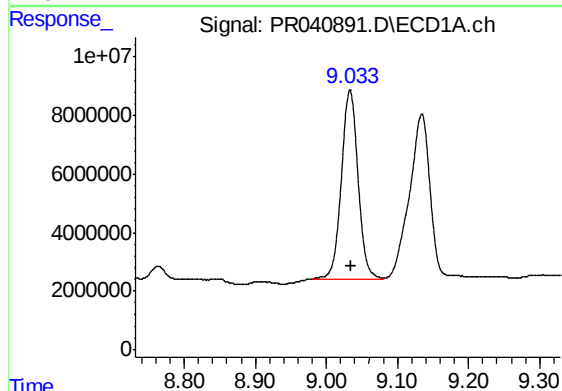
R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 61066071
Conc: 139.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



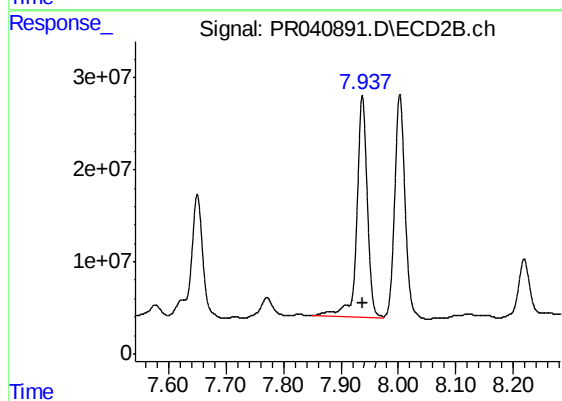
#37 AR-1262-2

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 193795144
Conc: 124.20 ng/ml



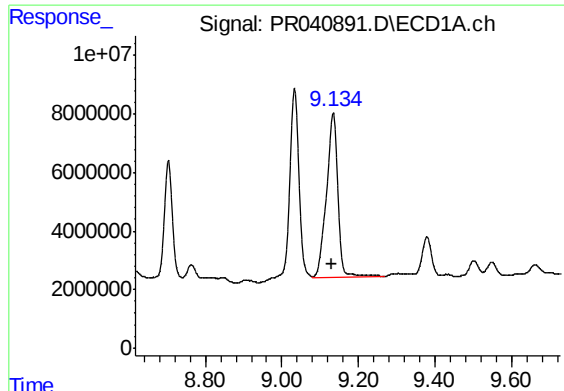
#38 AR-1262-3

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 105054489
Conc: 374.20 ng/ml



#38 AR-1262-3

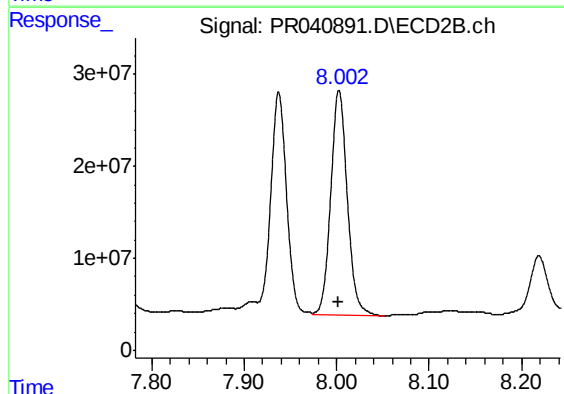
R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 303213784
Conc: 502.11 ng/ml



#39 AR-1262-4

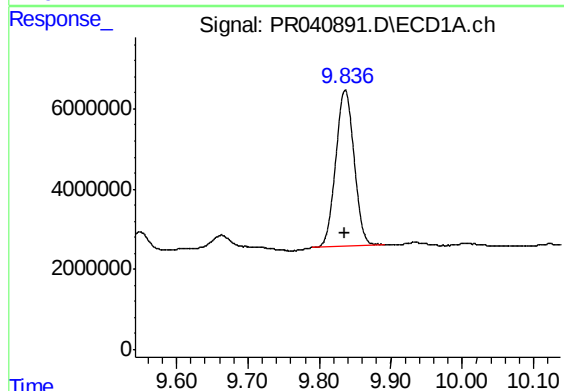
R.T.: 9.134 min
Delta R.T.: 0.002 min
Response: 115407126
Conc: 567.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



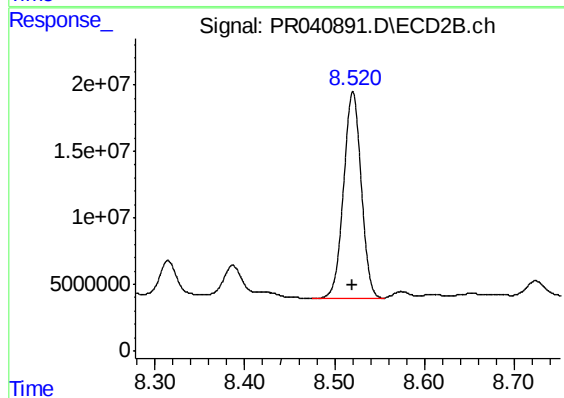
#39 AR-1262-4

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 301751339
Conc: 270.60 ng/ml



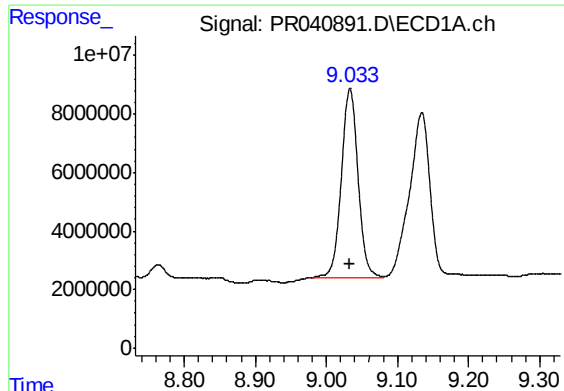
#40 AR-1262-5

R.T.: 9.836 min
Delta R.T.: 0.000 min
Response: 69407918
Conc: 478.21 ng/ml



#40 AR-1262-5

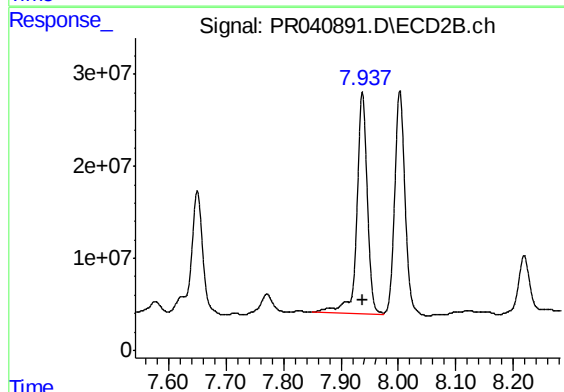
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 212690623
Conc: 407.02 ng/ml



#41 AR-1268-1

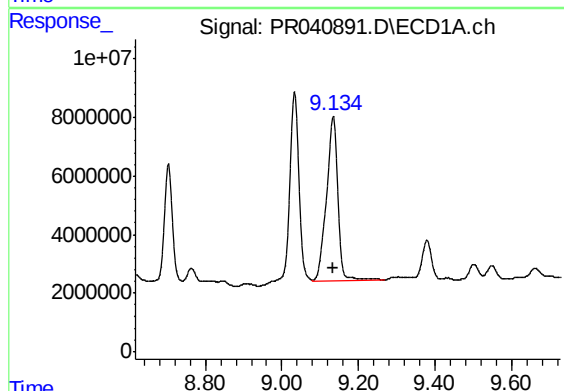
R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 105054489
Conc: 235.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



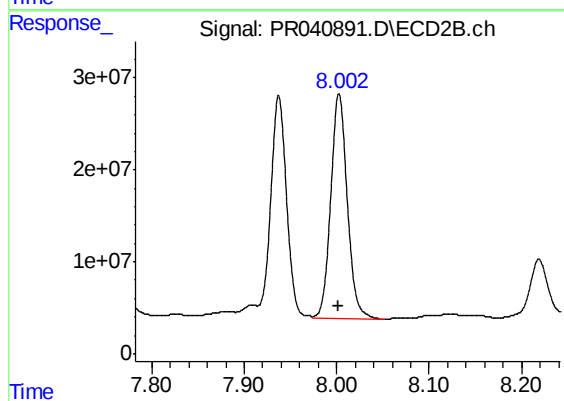
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 303213784
Conc: 189.10 ng/ml



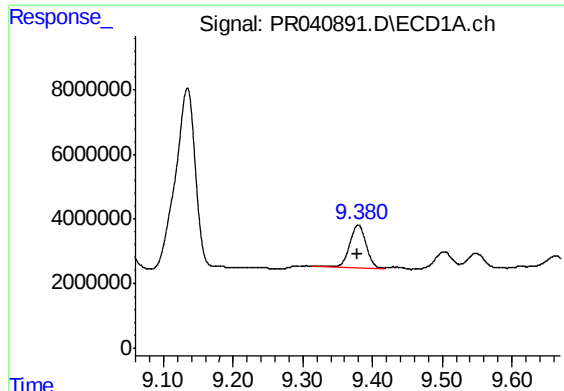
#42 AR-1268-2

R.T.: 9.134 min
Delta R.T.: 0.000 min
Response: 115407126
Conc: 282.67 ng/ml



#42 AR-1268-2

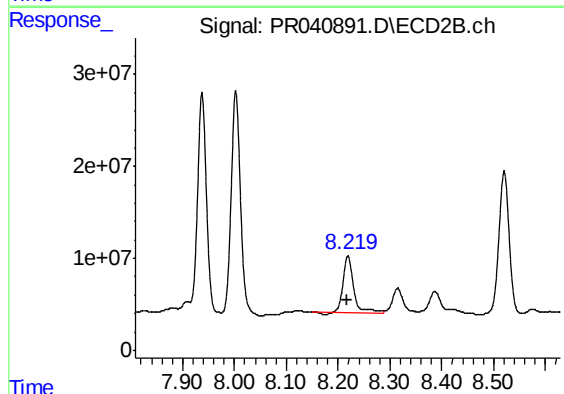
R.T.: 8.003 min
Delta R.T.: 0.002 min
Response: 301751339
Conc: 201.91 ng/ml



#43 AR-1268-3

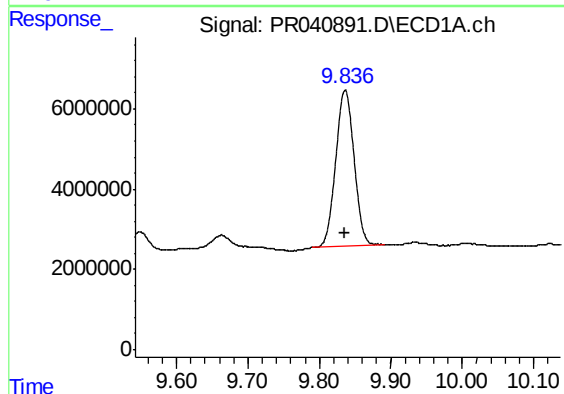
R.T.: 9.379 min
Delta R.T.: 0.002 min
Response: 21370570
Conc: 63.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



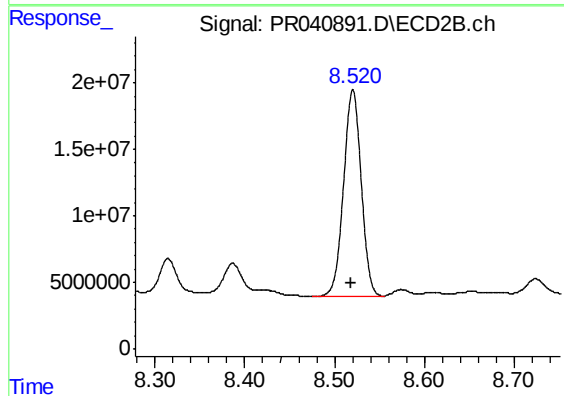
#43 AR-1268-3

R.T.: 8.219 min
Delta R.T.: 0.002 min
Response: 84510812
Conc: 67.63 ng/ml



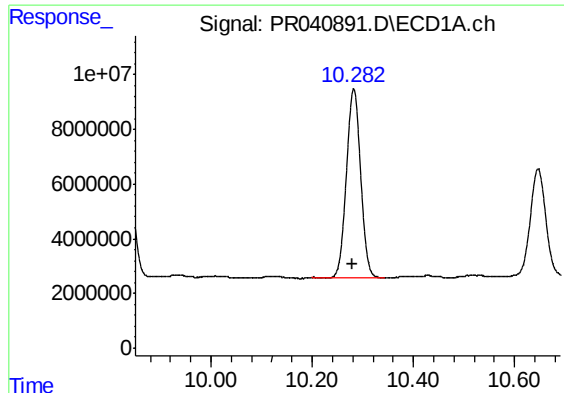
#44 AR-1268-4

R.T.: 9.836 min
Delta R.T.: 0.001 min
Response: 69407918
Conc: 483.95 ng/ml



#44 AR-1268-4

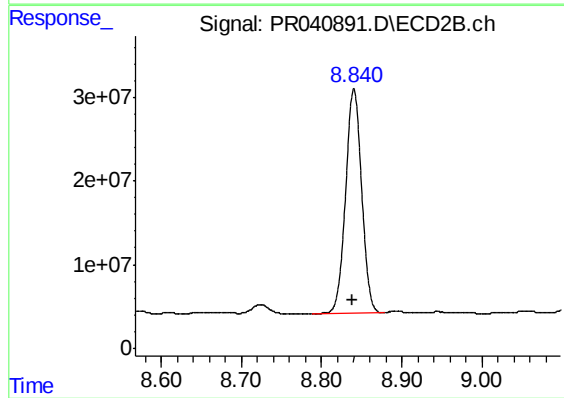
R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 212690623
Conc: 408.42 ng/ml



#45 AR-1268-5

R.T.: 10.282 min
Delta R.T.: 0.003 min
Response: 134126132
Conc: 118.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D28



#45 AR-1268-5

R.T.: 8.840 min
Delta R.T.: 0.002 min
Response: 370511457
Conc: 100.44 ng/ml