

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090819\
 Data File : PR040833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2019 21:38
 Operator : SM\AJ
 Sample : K4634-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 F2D38

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 06:16:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 11:15:07 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...	4.781	3.996	51558838	302.2E6	20.239	21.165
2)	SA Decachlor...	10.817	9.138	113.0E6	250.4E6	32.907	22.336 #
Target Compounds							
3)	L1 AR-1016-1	5.958	5.099	6354261	49373998	67.181	194.100 #
4)	L1 AR-1016-2	5.958	5.119	6354261	50026884	47.690	140.562 #
5)	L1 AR-1016-3	6.051	5.300	3940818	32218114	48.387	167.385 #
6)	L1 AR-1016-4	6.144	5.338	7170055	56582790	106.231	368.669 #
7)	L1 AR-1016-5	6.439	5.555	20211504	36082997	298.231	164.010 #
9)	L2 AR-1221-2	5.093f	0.000	2789727	0	118.595	N.D. #
10)	L2 AR-1221-3	5.093f	0.000	2789727	0	36.895	N.D. #
11)	L3 AR-1232-1	5.093f	0.000	2789727	0	46.703	N.D. #
12)	L3 AR-1232-2	5.645	5.119	3459478	50026884	116.021	298.101 #
13)	L3 AR-1232-3	5.958	5.300	6354261	32218114	101.650	366.508 #
14)	L3 AR-1232-4	6.144	5.382	7170055	32254029	236.239	392.674 #
15)	L3 AR-1232-5	6.231	5.555	13606175	36082997	568.997	374.386 #
16)	L4 AR-1242-1	5.958	5.099	6354261	49373998	73.822	209.436 #
17)	L4 AR-1242-2	5.958	5.119	6354261	50026884	51.849	155.076 #
18)	L4 AR-1242-3	6.051	5.300	3940818	32218114	53.024	182.378 #
19)	L4 AR-1242-4	6.144	5.382	7170055	32254029	117.471	181.989 #
20)	L4 AR-1242-5	6.843	5.910	17086118	65819077	246.266	245.888
21)	L5 AR-1248-1	5.958	5.099	6354261	49373998	96.253	274.236 #
22)	L5 AR-1248-2	6.231	5.338	13606175	56582790	147.367	231.732 #
23)	L5 AR-1248-3	6.439	5.382	20211504	32254029	195.682	127.536 #
24)	L5 AR-1248-4	6.816	5.555	16749913	36082997	141.244	108.913
25)	L5 AR-1248-5	6.843	5.953	17086118	45076673	153.327	123.626
26)	L6 AR-1254-1	6.816	5.910	16749913	65819077	142.712	125.448
27)	L6 AR-1254-2	7.041	6.060	24760669	28721273	134.448	61.437 #
28)	L6 AR-1254-3	7.370	6.467	5265855	52115695	26.991	67.323 #
29)	L6 AR-1254-4	7.693	6.695	11177189	45312578	76.307	85.904
30)	L6 AR-1254-5	8.056	7.119	2266916	27582432	14.783	41.647 #
31)	L7 AR-1260-1	7.534	6.615	5177630	34371561	38.134	72.933 #
32)	L7 AR-1260-2	7.825	6.785	7918332	41050875	47.970	67.645 #
33)	L7 AR-1260-3	8.148	6.945	2936513	28161874	22.719	52.268 #
34)	L7 AR-1260-4	8.401	7.418	4638567	34197948	30.630	72.015 #
35)	L7 AR-1260-5	8.790f	7.658	26673140	88073010	85.176	67.965
36)	L8 AR-1262-1	8.148	7.155	2936513	52058465	16.229	72.321 #
37)	L8 AR-1262-2	8.689f	7.658	8104341	88073010	24.969	67.800 #
38)	L8 AR-1262-3	9.132f	7.946	51062984	156.5E6	235.925	312.240 #
39)	L8 AR-1262-4	9.132f	8.011	51062984	168.2E6	319.773	181.720 #
40)	L8 AR-1262-5	0.000	8.531	0	85570019	N.D.	194.908 #
41)	L9 AR-1268-1	9.132	7.946	51062984	156.5E6	114.898	90.746
42)	L9 AR-1268-2	9.237	8.011	51971539	168.2E6	128.997	103.678
43)	L9 AR-1268-3	9.494	8.228	14904938	43530521	44.241	32.205 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 06:16:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 11:15:07 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
44) L9	AR-1268-4	9.971	8.531	32423150	85570019	223.244	157.588 #
45) L9	AR-1268-5	10.436	8.852	64428453	152.1E6	59.827	39.179 #

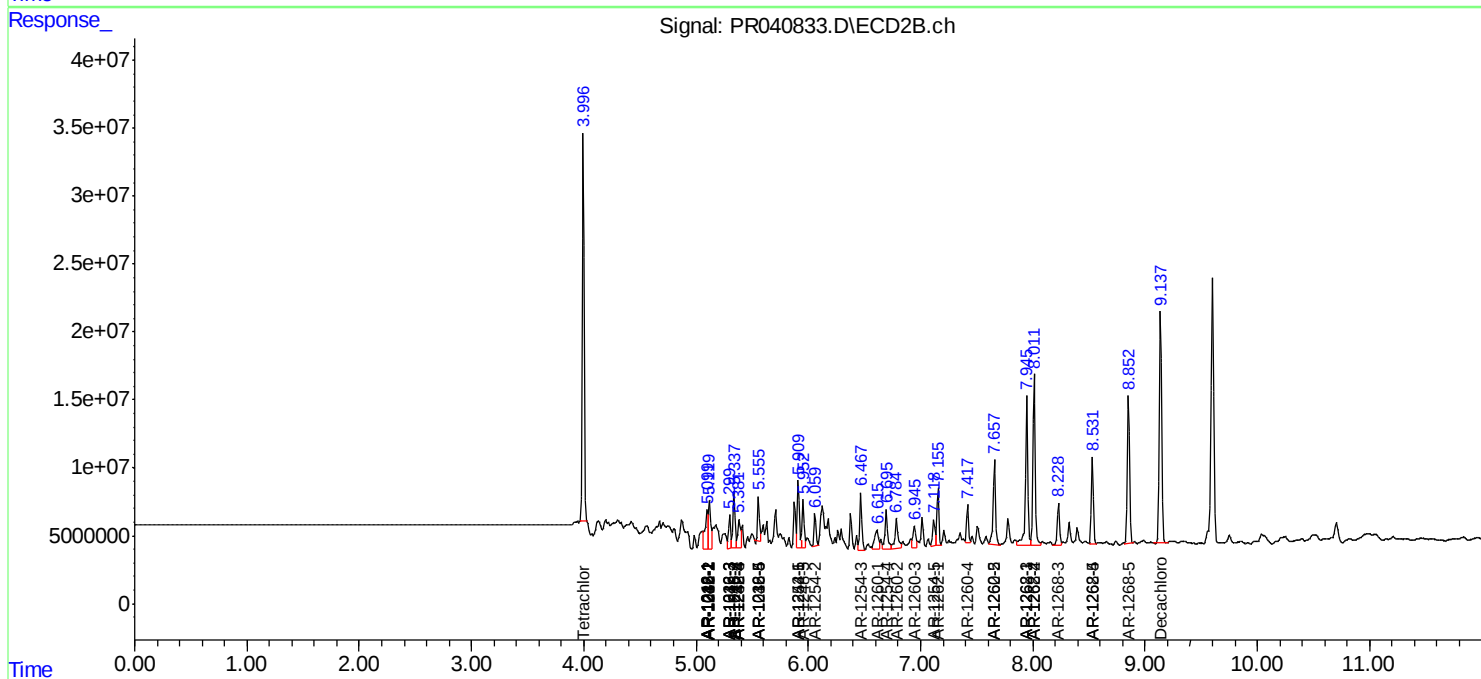
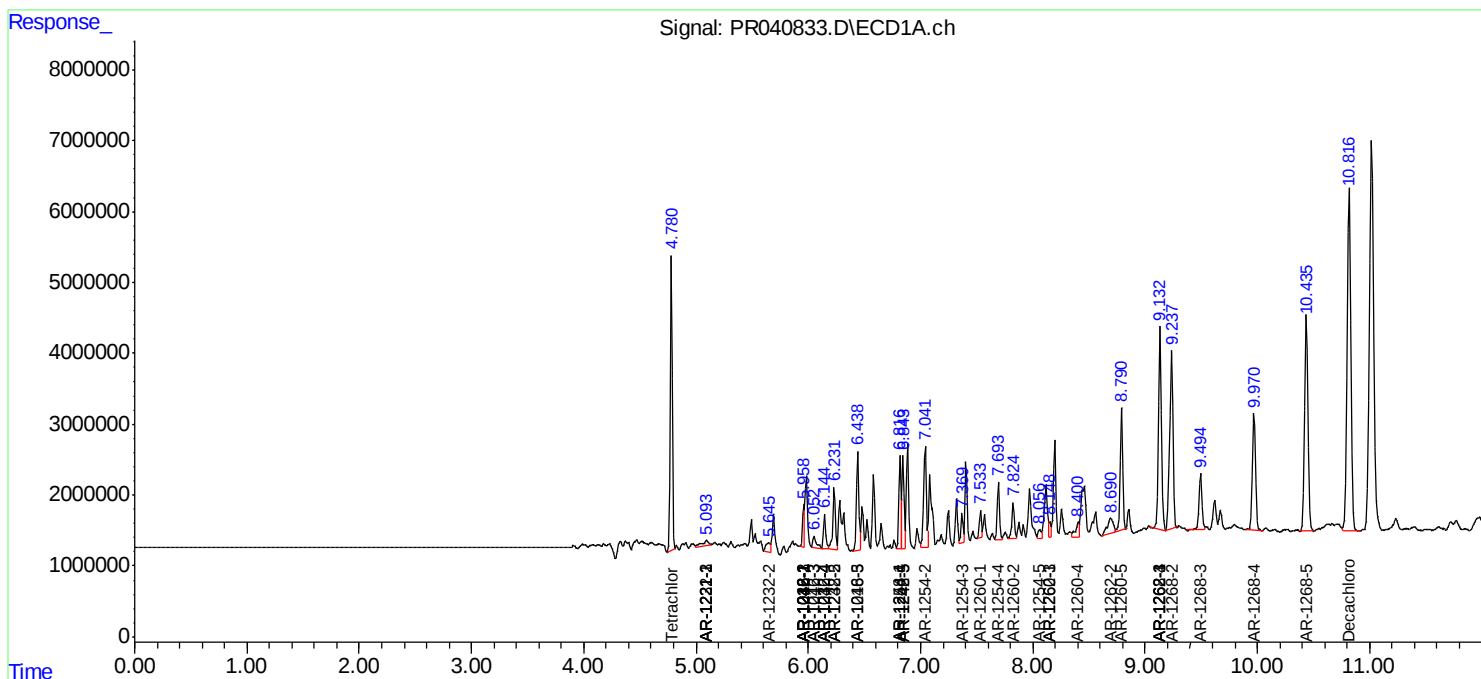
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

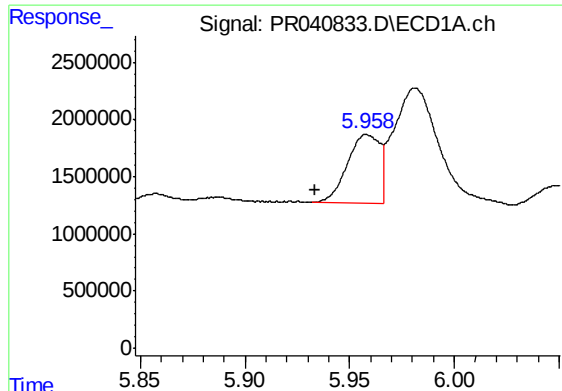
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090819\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

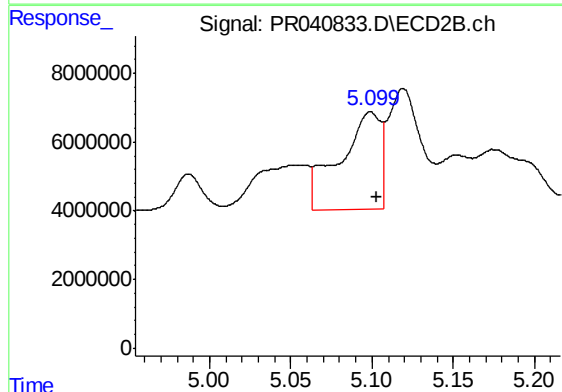




#3 AR-1016-1

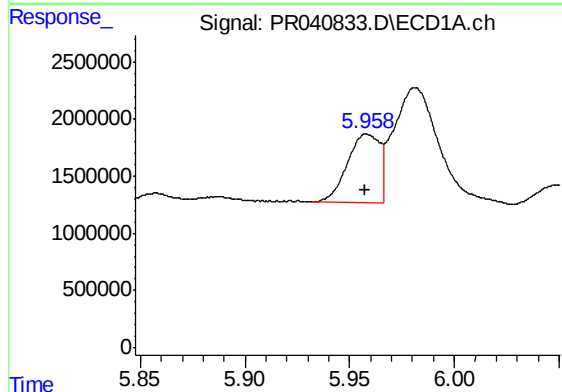
R.T.: 5.958 min
Delta R.T.: 0.024 min
Response: 6354261
Conc: 67.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



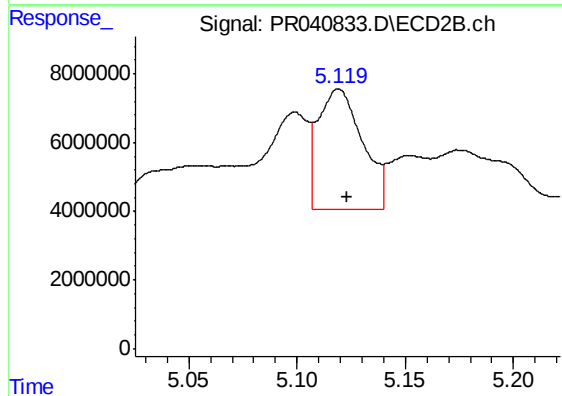
#3 AR-1016-1

R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 49373998
Conc: 194.10 ng/ml



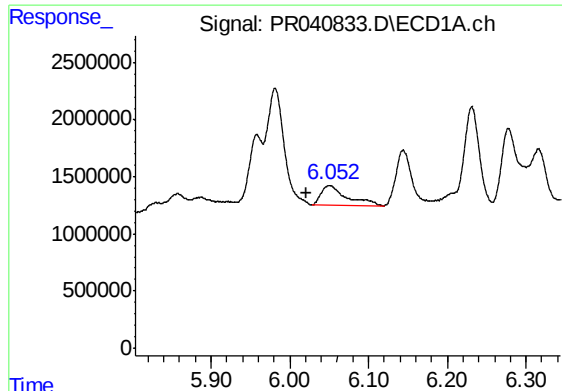
#4 AR-1016-2

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 6354261
Conc: 47.69 ng/ml



#4 AR-1016-2

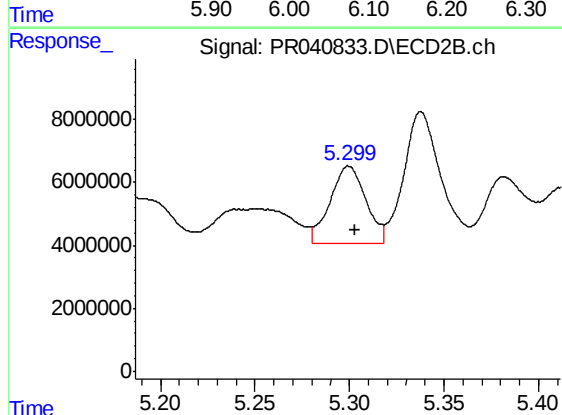
R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 50026884
Conc: 140.56 ng/ml



#5 AR-1016-3

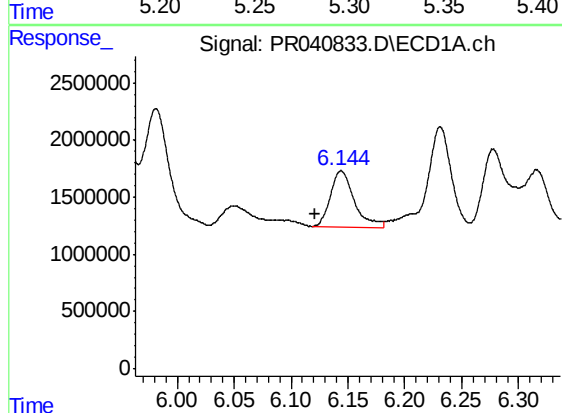
R.T.: 6.051 min
Delta R.T.: 0.030 min
Response: 3940818
Conc: 48.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



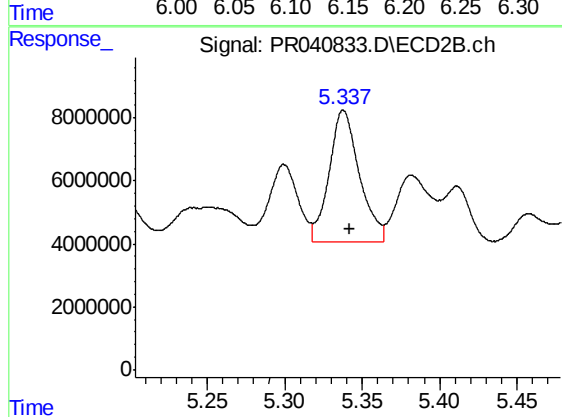
#5 AR-1016-3

R.T.: 5.300 min
Delta R.T.: -0.003 min
Response: 32218114
Conc: 167.39 ng/ml



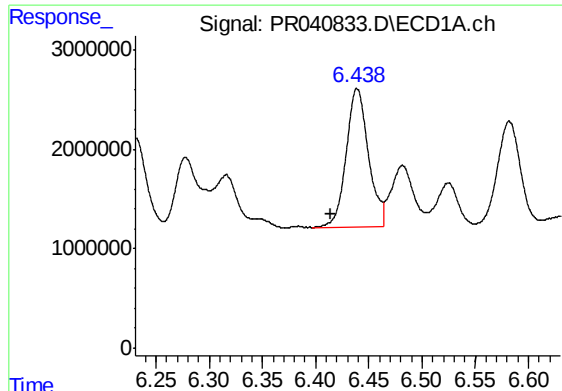
#6 AR-1016-4

R.T.: 6.144 min
Delta R.T.: 0.023 min
Response: 7170055
Conc: 106.23 ng/ml



#6 AR-1016-4

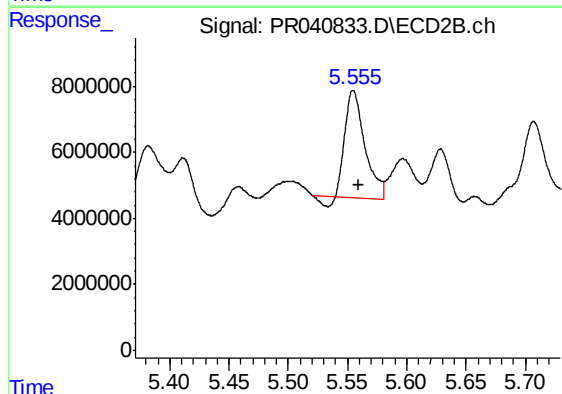
R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 56582790
Conc: 368.67 ng/ml



#7 AR-1016-5

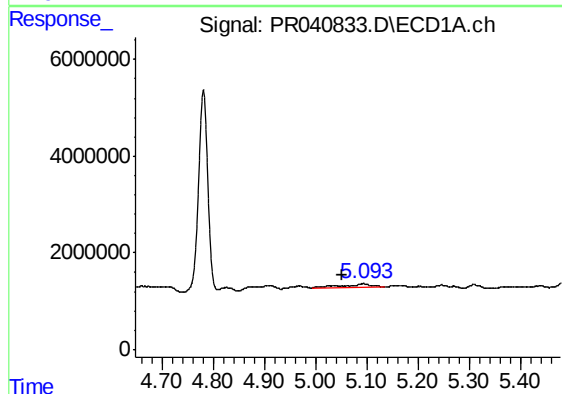
R.T.: 6.439 min
Delta R.T.: 0.025 min
Response: 20211504
Conc: 298.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



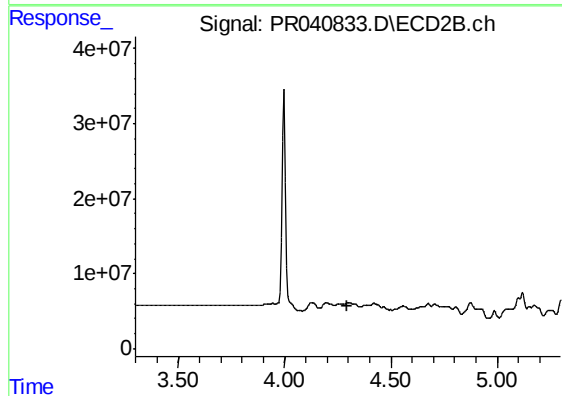
#7 AR-1016-5

R.T.: 5.555 min
Delta R.T.: -0.005 min
Response: 36082997
Conc: 164.01 ng/ml



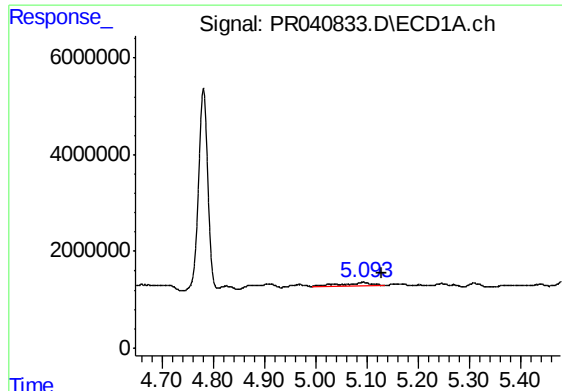
#9 AR-1221-2

R.T.: 5.093 min
Delta R.T.: 0.042 min
Response: 2789727
Conc: 118.60 ng/ml



#9 AR-1221-2

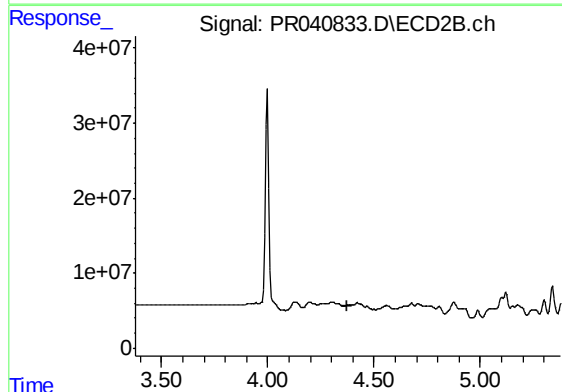
R.T.: 0.000 min
Exp R.T. : 4.298 min
Response: 0
Conc: N.D.



#10 AR-1221-3

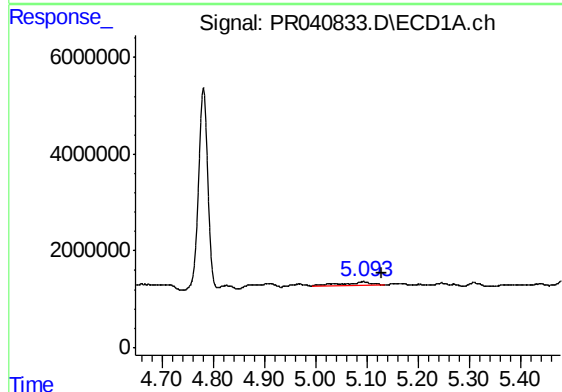
R.T.: 5.093 min
Delta R.T.: -0.037 min
Response: 2789727
Conc: 36.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



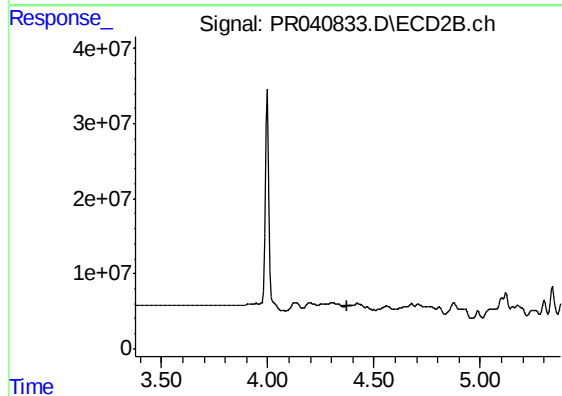
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.377 min
Response: 0
Conc: N.D.



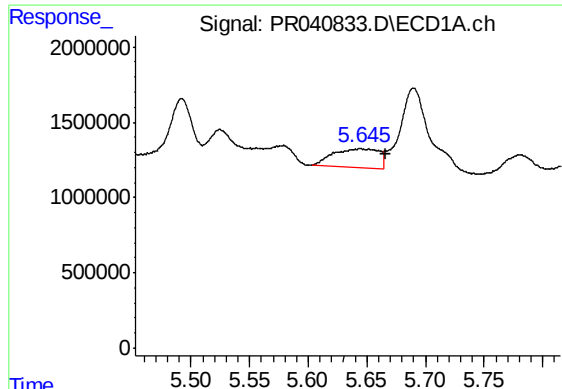
#11 AR-1232-1

R.T.: 5.093 min
Delta R.T.: -0.037 min
Response: 2789727
Conc: 46.70 ng/ml



#11 AR-1232-1

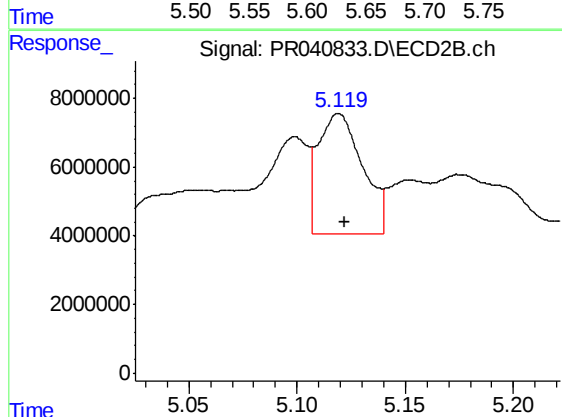
R.T.: 0.000 min
Exp R.T. : 4.377 min
Response: 0
Conc: N.D.



#12 AR-1232-2

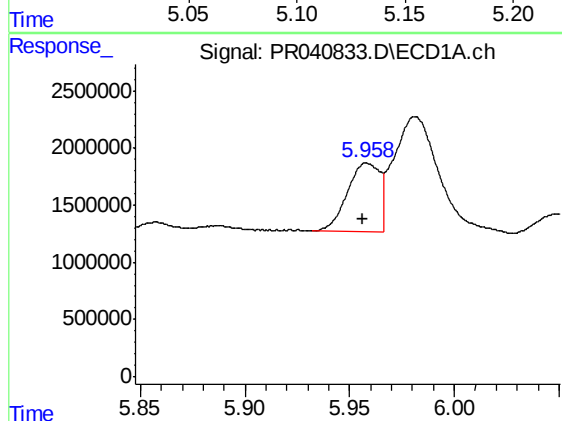
R.T.: 5.645 min
Delta R.T.: -0.021 min
Response: 3459478
Conc: 116.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



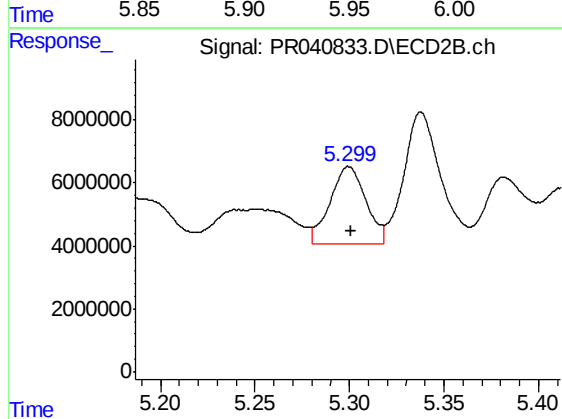
#12 AR-1232-2

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 50026884
Conc: 298.10 ng/ml



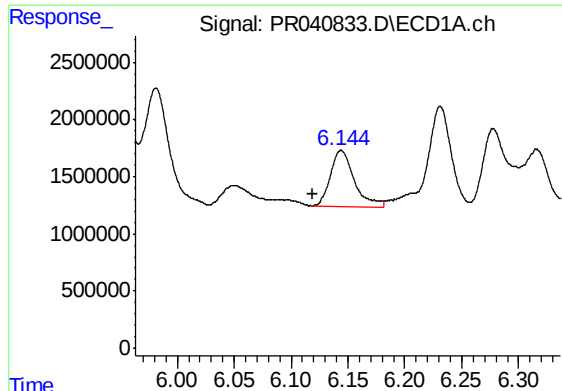
#13 AR-1232-3

R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 6354261
Conc: 101.65 ng/ml



#13 AR-1232-3

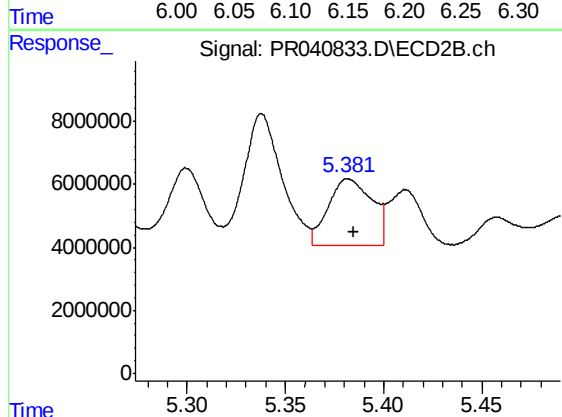
R.T.: 5.300 min
Delta R.T.: -0.001 min
Response: 32218114
Conc: 366.51 ng/ml



#14 AR-1232-4

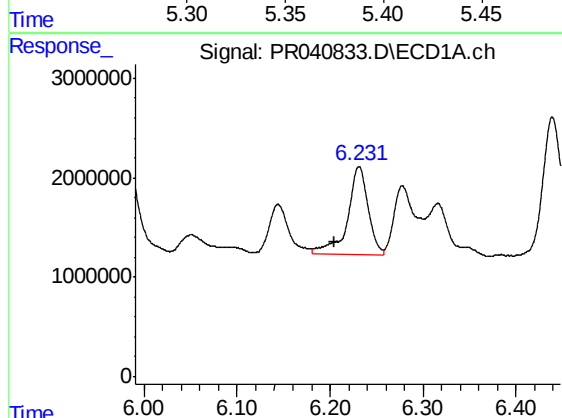
R.T.: 6.144 min
Delta R.T.: 0.025 min
Response: 7170055
Conc: 236.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



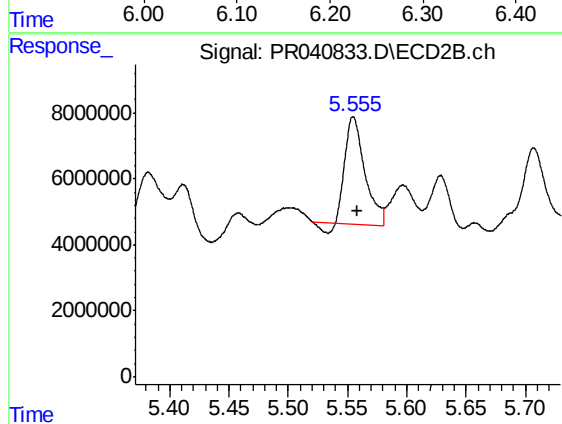
#14 AR-1232-4

R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 32254029
Conc: 392.67 ng/ml



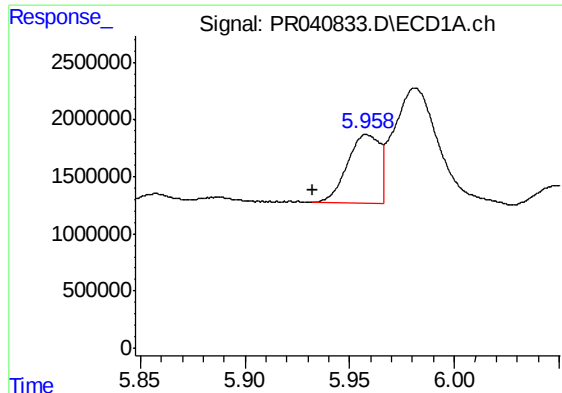
#15 AR-1232-5

R.T.: 6.231 min
Delta R.T.: 0.027 min
Response: 13606175
Conc: 569.00 ng/ml



#15 AR-1232-5

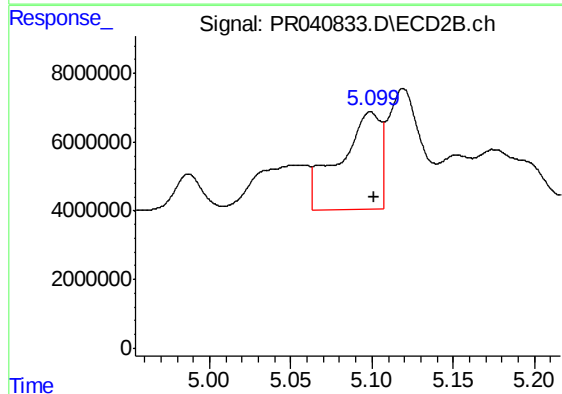
R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 36082997
Conc: 374.39 ng/ml



#16 AR-1242-1

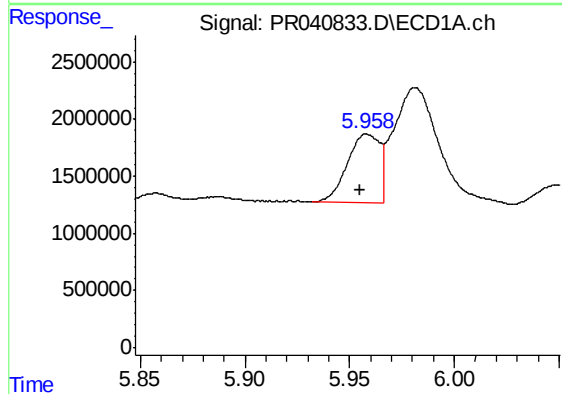
R.T.: 5.958 min
Delta R.T.: 0.026 min
Response: 6354261
Conc: 73.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
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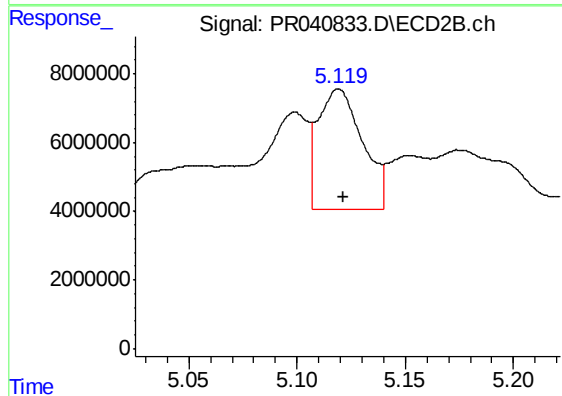
#16 AR-1242-1

R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 49373998
Conc: 209.44 ng/ml



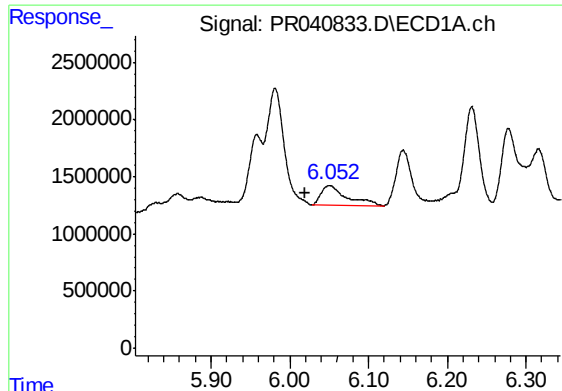
#17 AR-1242-2

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 6354261
Conc: 51.85 ng/ml



#17 AR-1242-2

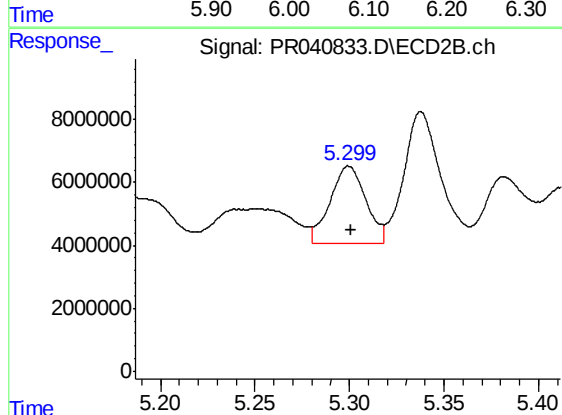
R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 50026884
Conc: 155.08 ng/ml



#18 AR-1242-3

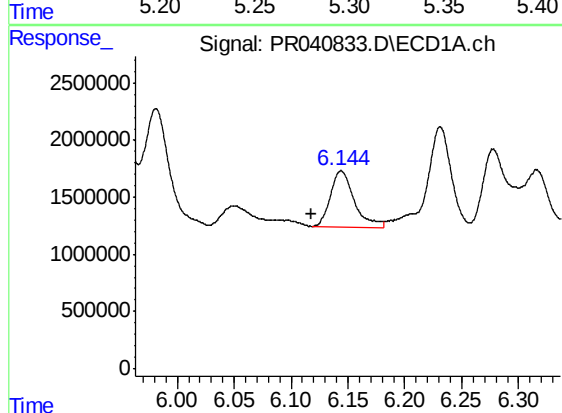
R.T.: 6.051 min
Delta R.T.: 0.032 min
Response: 3940818
Conc: 53.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
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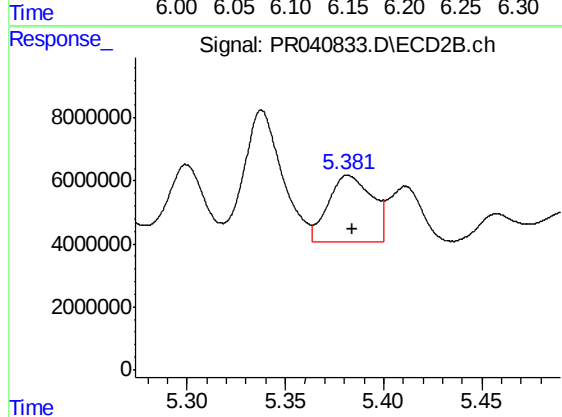
#18 AR-1242-3

R.T.: 5.300 min
Delta R.T.: -0.001 min
Response: 32218114
Conc: 182.38 ng/ml



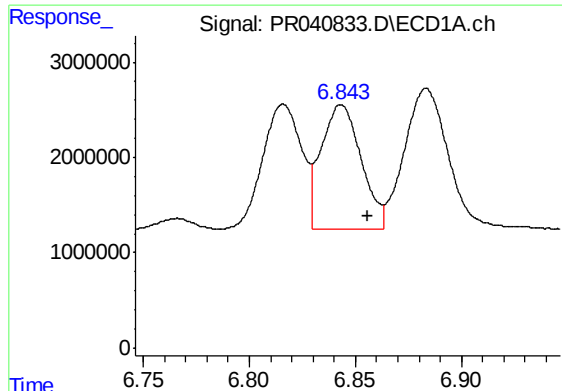
#19 AR-1242-4

R.T.: 6.144 min
Delta R.T.: 0.026 min
Response: 7170055
Conc: 117.47 ng/ml



#19 AR-1242-4

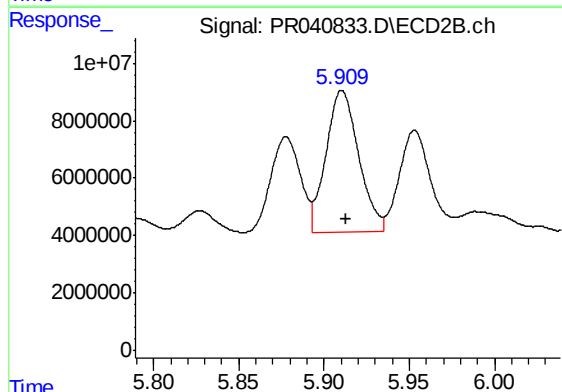
R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 32254029
Conc: 181.99 ng/ml



#20 AR-1242-5

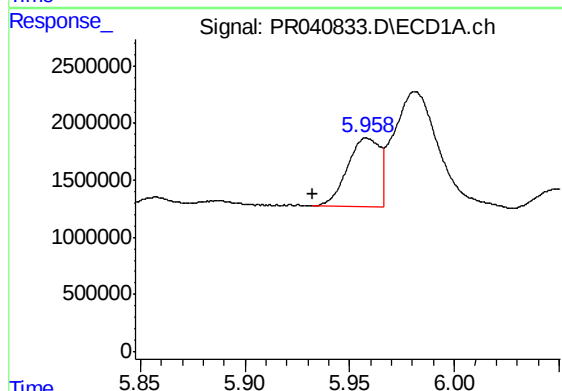
R.T.: 6.843 min
Delta R.T.: -0.012 min
Response: 17086118
Conc: 246.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



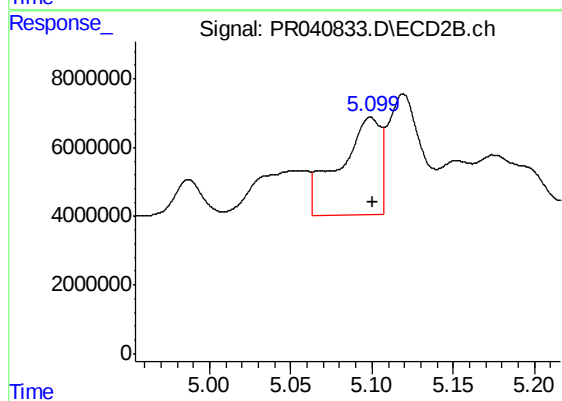
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 65819077
Conc: 245.89 ng/ml



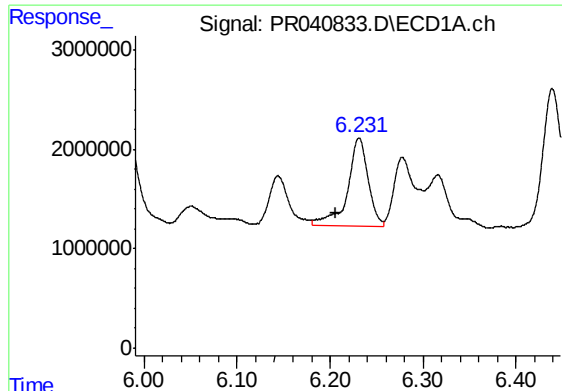
#21 AR-1248-1

R.T.: 5.958 min
Delta R.T.: 0.026 min
Response: 6354261
Conc: 96.25 ng/ml



#21 AR-1248-1

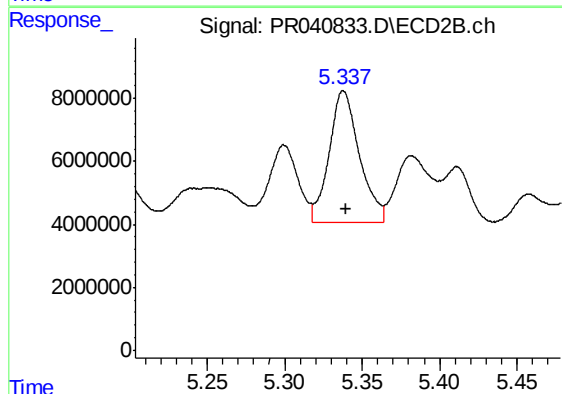
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 49373998
Conc: 274.24 ng/ml



#22 AR-1248-2

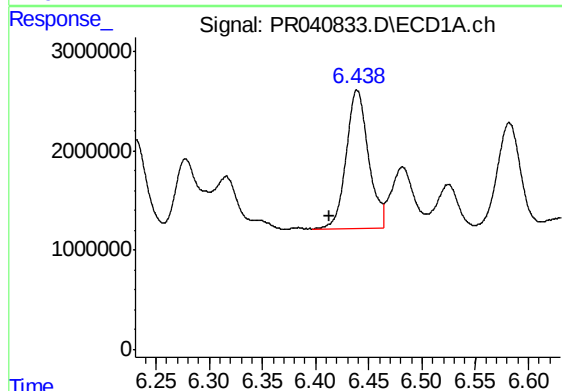
R.T.: 6.231 min
Delta R.T.: 0.025 min
Response: 13606175
Conc: 147.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



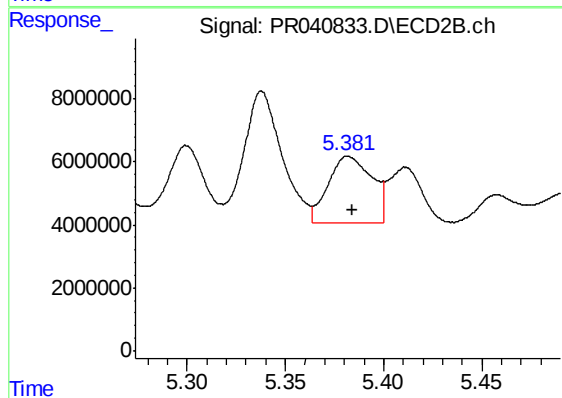
#22 AR-1248-2

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 56582790
Conc: 231.73 ng/ml



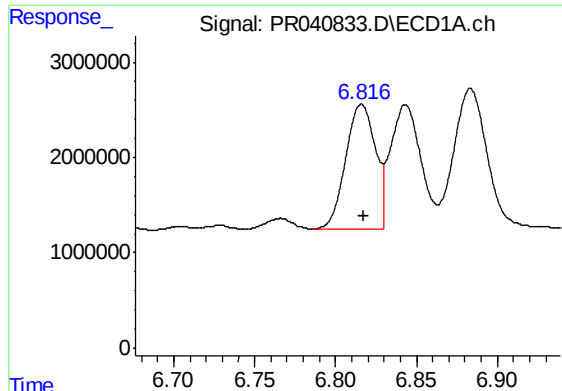
#23 AR-1248-3

R.T.: 6.439 min
Delta R.T.: 0.026 min
Response: 20211504
Conc: 195.68 ng/ml



#23 AR-1248-3

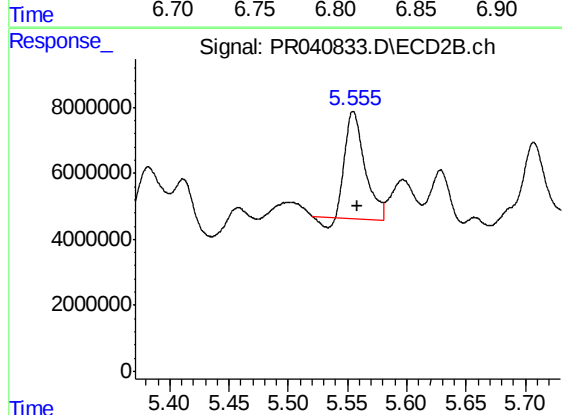
R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 32254029
Conc: 127.54 ng/ml



#24 AR-1248-4

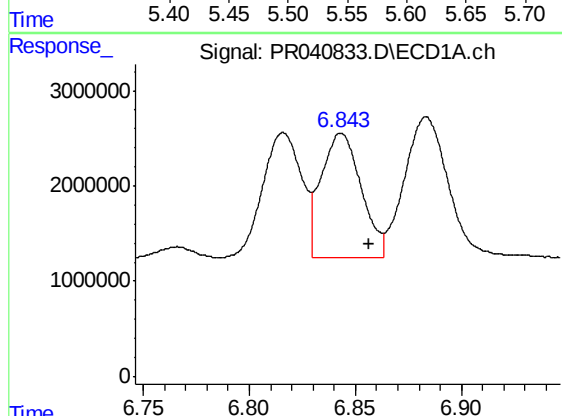
R.T.: 6.816 min
Delta R.T.: -0.001 min
Response: 16749913
Conc: 141.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



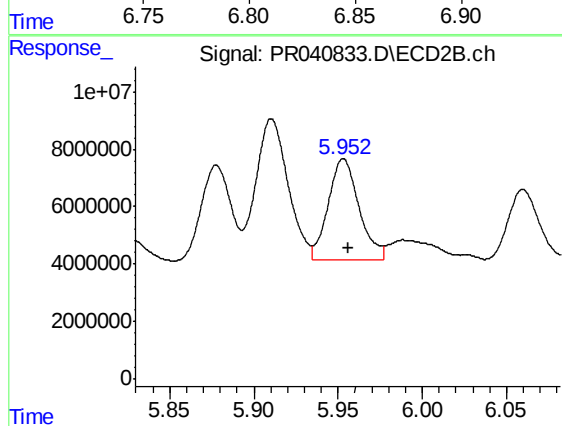
#24 AR-1248-4

R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 36082997
Conc: 108.91 ng/ml



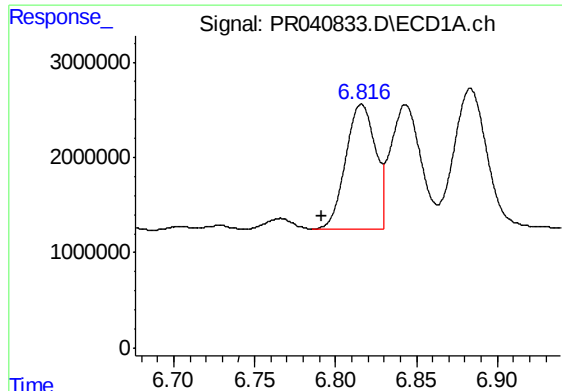
#25 AR-1248-5

R.T.: 6.843 min
Delta R.T.: -0.013 min
Response: 17086118
Conc: 153.33 ng/ml



#25 AR-1248-5

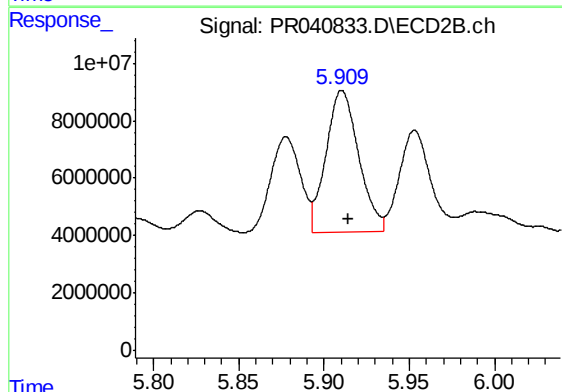
R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 45076673
Conc: 123.63 ng/ml



#26 AR-1254-1

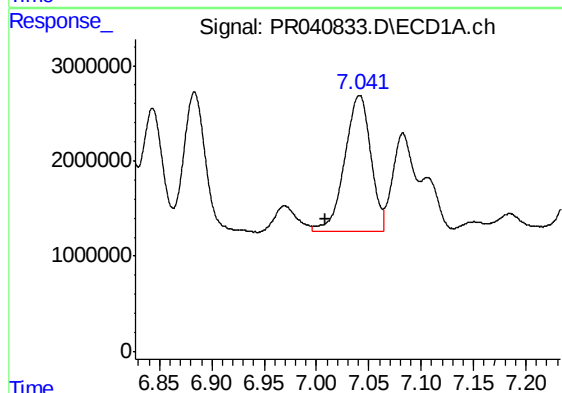
R.T.: 6.816 min
Delta R.T.: 0.024 min
Response: 16749913
Conc: 142.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



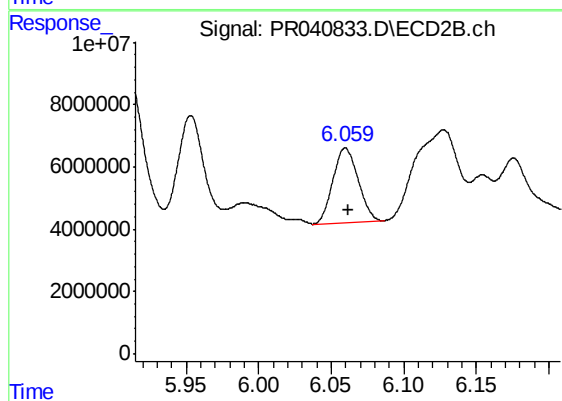
#26 AR-1254-1

R.T.: 5.910 min
Delta R.T.: -0.004 min
Response: 65819077
Conc: 125.45 ng/ml



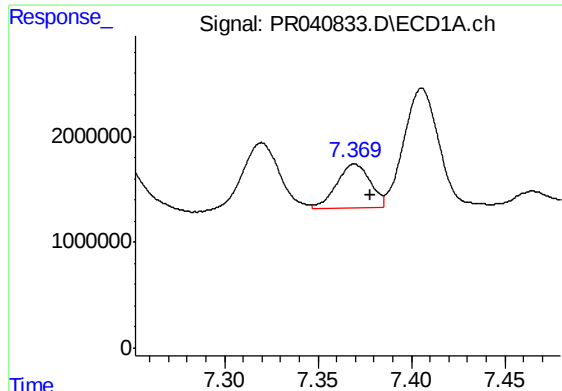
#27 AR-1254-2

R.T.: 7.041 min
Delta R.T.: 0.033 min
Response: 24760669
Conc: 134.45 ng/ml



#27 AR-1254-2

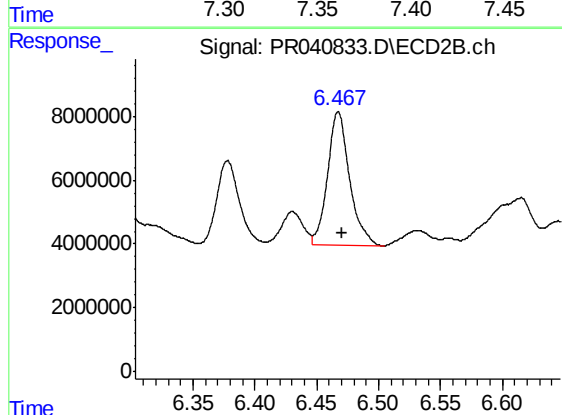
R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 28721273
Conc: 61.44 ng/ml



#28 AR-1254-3

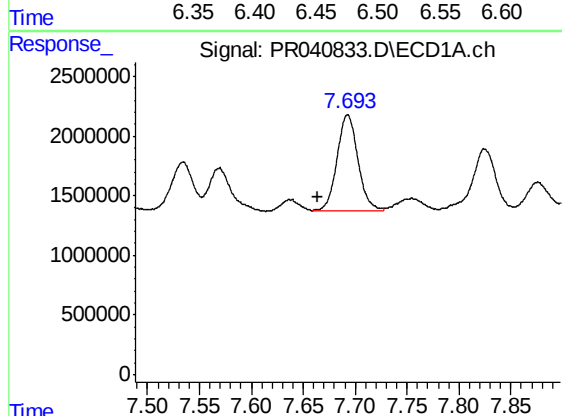
R.T.: 7.370 min
Delta R.T.: -0.009 min
Response: 5265855
Conc: 26.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



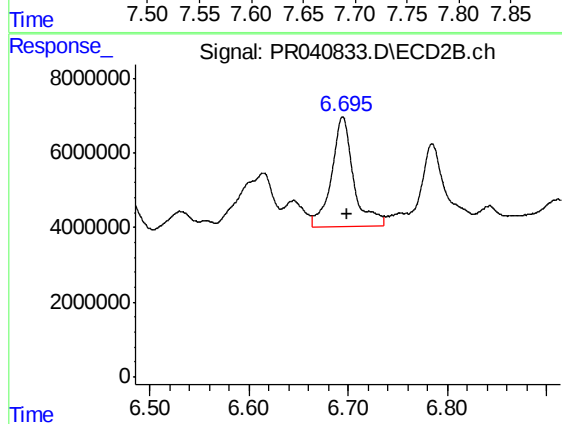
#28 AR-1254-3

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 52115695
Conc: 67.32 ng/ml



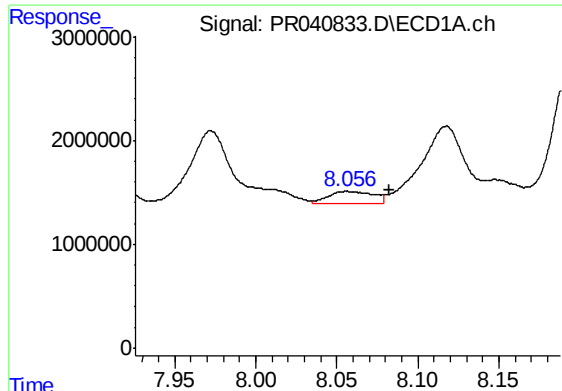
#29 AR-1254-4

R.T.: 7.693 min
Delta R.T.: 0.029 min
Response: 11177189
Conc: 76.31 ng/ml



#29 AR-1254-4

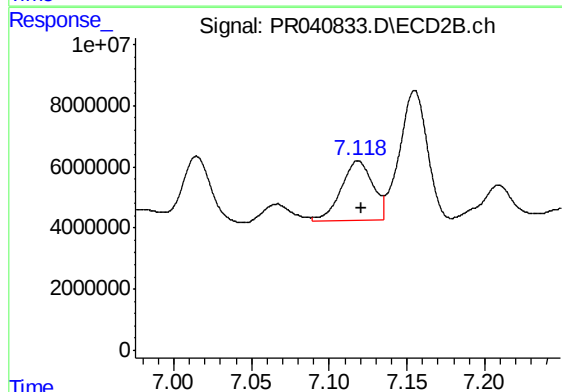
R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 45312578
Conc: 85.90 ng/ml



#30 AR-1254-5

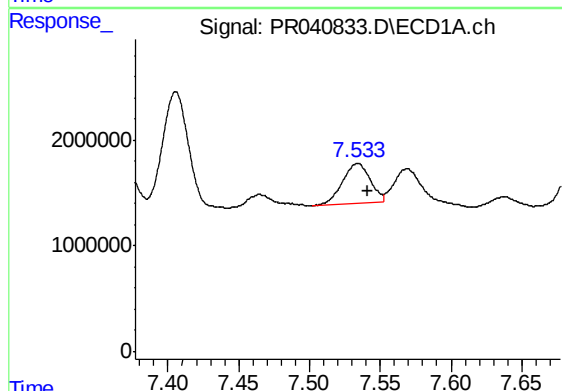
R.T.: 8.056 min
Delta R.T.: -0.027 min
Response: 2266916
Conc: 14.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



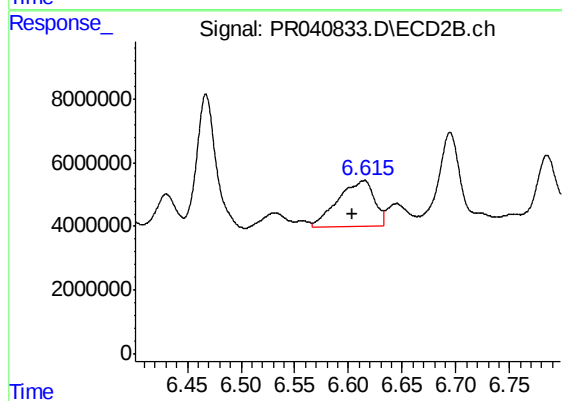
#30 AR-1254-5

R.T.: 7.119 min
Delta R.T.: -0.002 min
Response: 27582432
Conc: 41.65 ng/ml



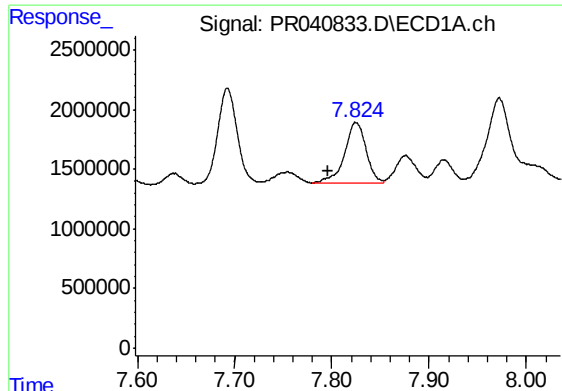
#31 AR-1260-1

R.T.: 7.534 min
Delta R.T.: -0.008 min
Response: 5177630
Conc: 38.13 ng/ml



#31 AR-1260-1

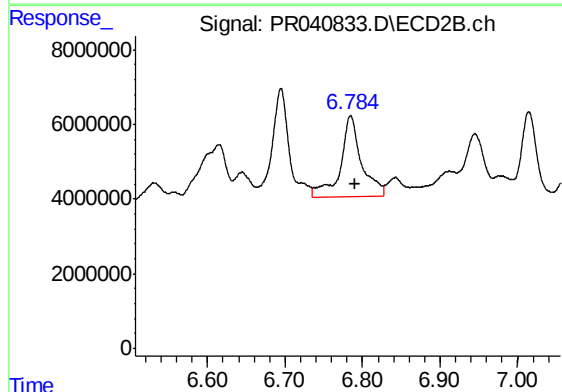
R.T.: 6.615 min
Delta R.T.: 0.011 min
Response: 34371561
Conc: 72.93 ng/ml



#32 AR-1260-2

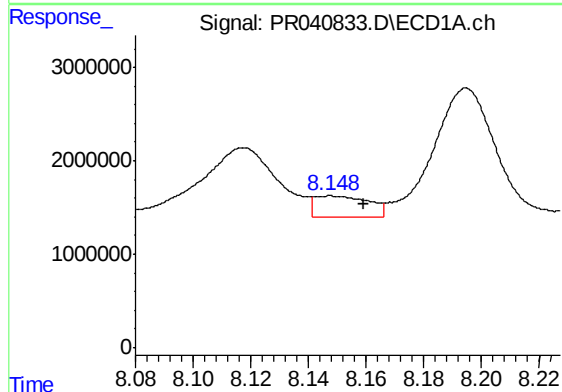
R.T.: 7.825 min
Delta R.T.: 0.028 min
Response: 7918332
Conc: 47.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



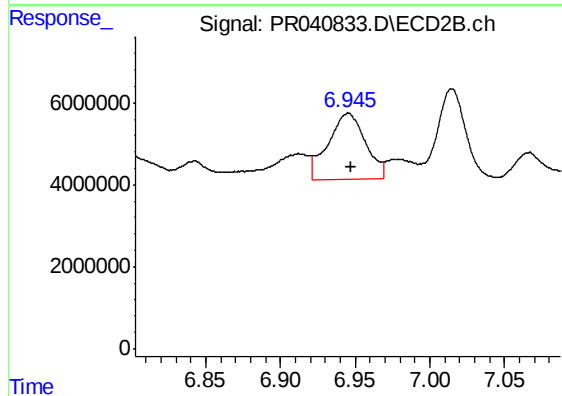
#32 AR-1260-2

R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 41050875
Conc: 67.64 ng/ml



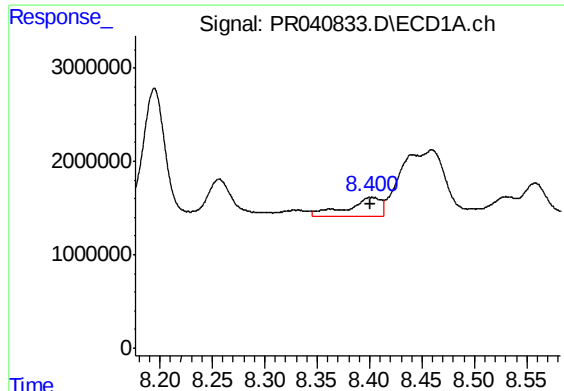
#33 AR-1260-3

R.T.: 8.148 min
Delta R.T.: -0.012 min
Response: 2936513
Conc: 22.72 ng/ml



#33 AR-1260-3

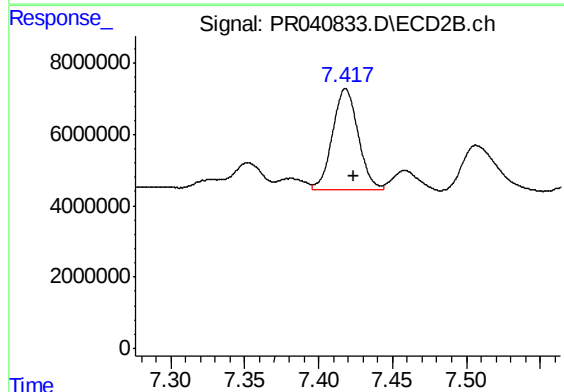
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 28161874
Conc: 52.27 ng/ml



#34 AR-1260-4

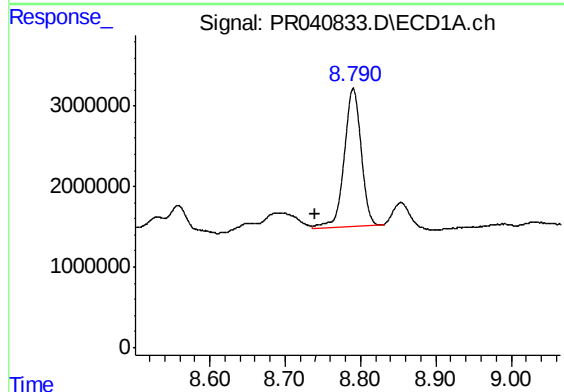
R.T.: 8.401 min
Delta R.T.: 0.001 min
Response: 4638567
Conc: 30.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



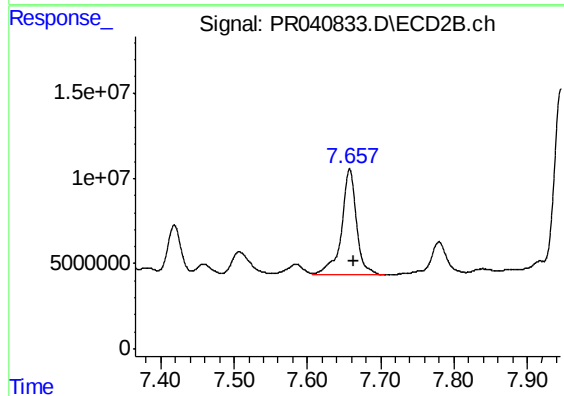
#34 AR-1260-4

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 34197948
Conc: 72.01 ng/ml



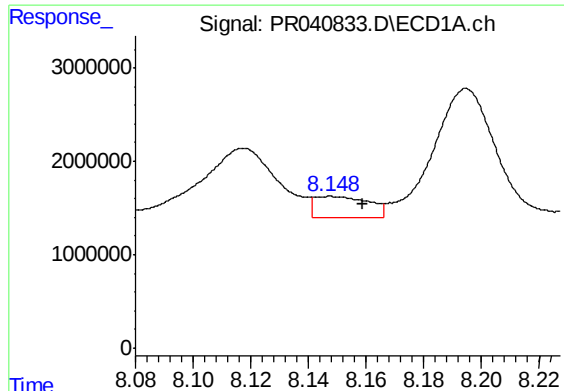
#35 AR-1260-5

R.T.: 8.790 min
Delta R.T.: 0.050 min
Response: 26673140
Conc: 85.18 ng/ml



#35 AR-1260-5

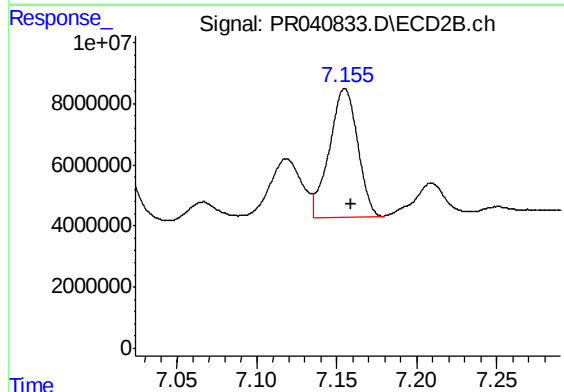
R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 88073010
Conc: 67.96 ng/ml



#36 AR-1262-1

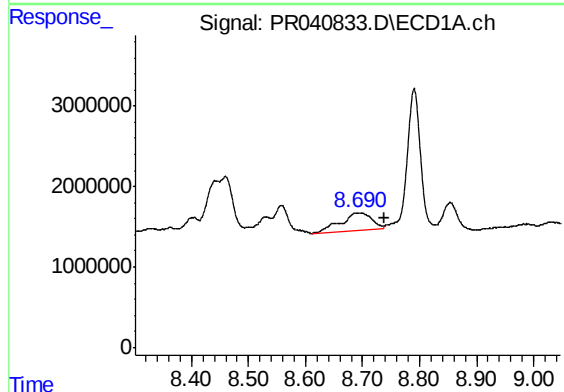
R.T.: 8.148 min
Delta R.T.: -0.011 min
Response: 2936513
Conc: 16.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



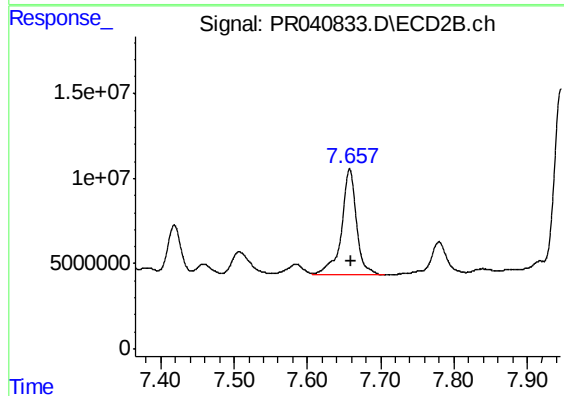
#36 AR-1262-1

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 52058465
Conc: 72.32 ng/ml



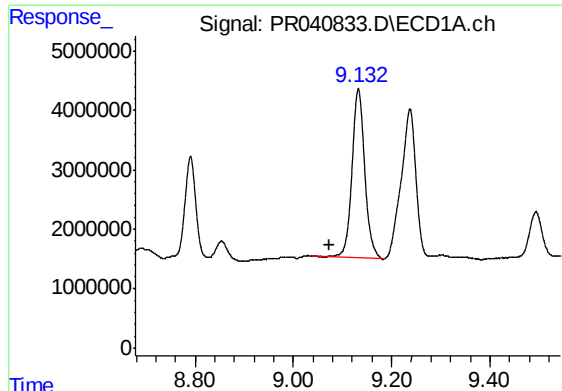
#37 AR-1262-2

R.T.: 8.689 min
Delta R.T.: -0.050 min
Response: 8104341
Conc: 24.97 ng/ml



#37 AR-1262-2

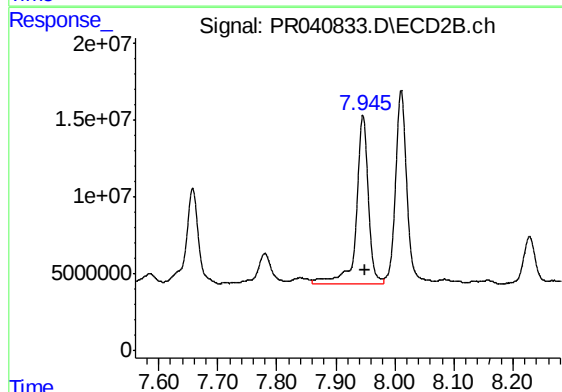
R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 88073010
Conc: 67.80 ng/ml



#38 AR-1262-3

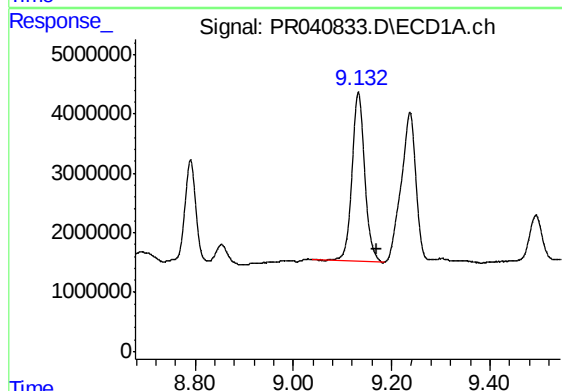
R.T.: 9.132 min
Delta R.T.: 0.059 min
Response: 51062984
Conc: 235.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



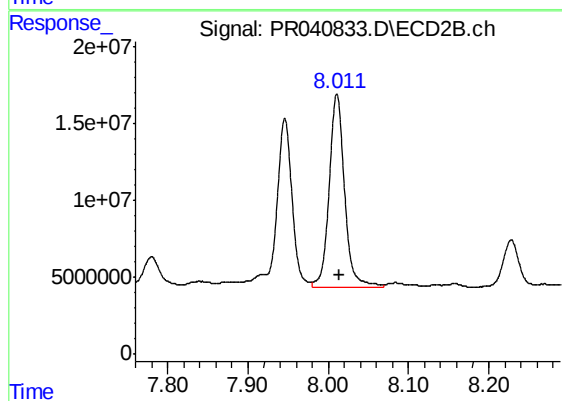
#38 AR-1262-3

R.T.: 7.946 min
Delta R.T.: -0.003 min
Response: 156546543
Conc: 312.24 ng/ml



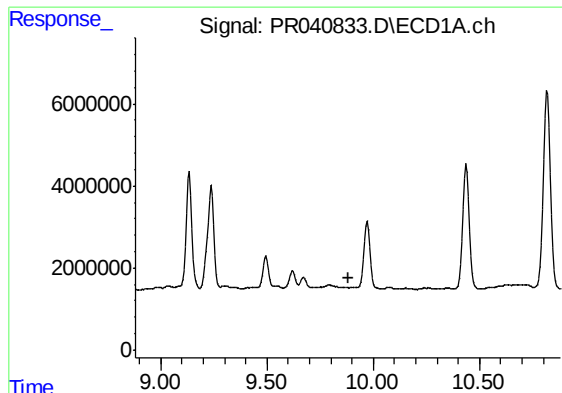
#39 AR-1262-4

R.T.: 9.132 min
Delta R.T.: -0.038 min
Response: 51062984
Conc: 319.77 ng/ml



#39 AR-1262-4

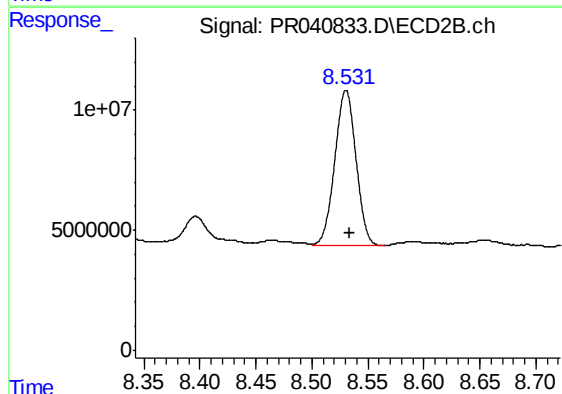
R.T.: 8.011 min
Delta R.T.: -0.003 min
Response: 168193042
Conc: 181.72 ng/ml



#40 AR-1262-5

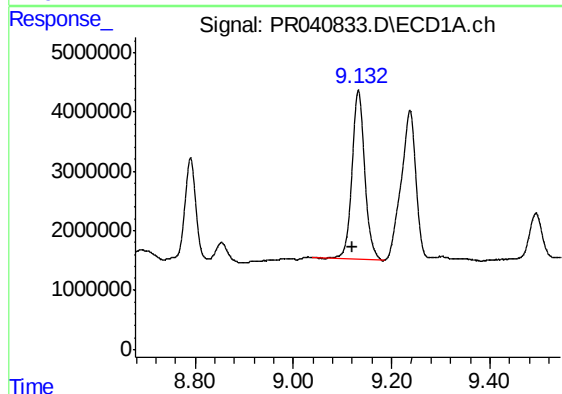
R.T.: 0.000 min
Exp R.T.: 9.881 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
F2D38



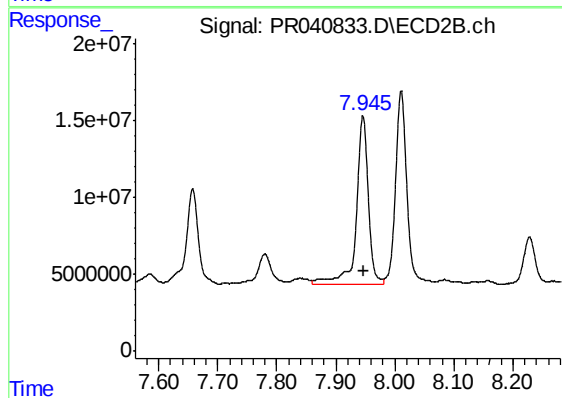
#40 AR-1262-5

R.T.: 8.531 min
Delta R.T.: -0.003 min
Response: 85570019
Conc: 194.91 ng/ml



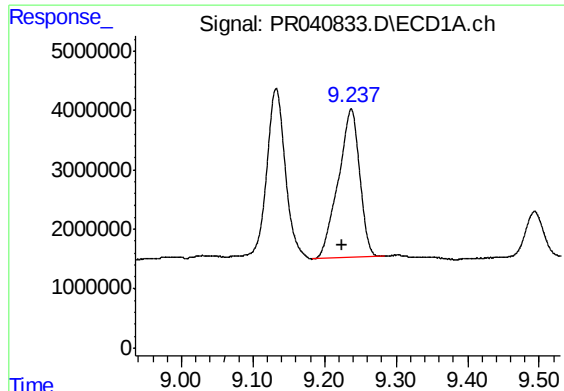
#41 AR-1268-1

R.T.: 9.132 min
Delta R.T.: 0.013 min
Response: 51062984
Conc: 114.90 ng/ml



#41 AR-1268-1

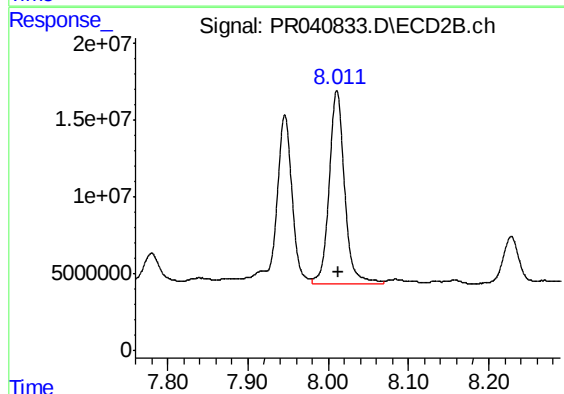
R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 156546543
Conc: 90.75 ng/ml



#42 AR-1268-2

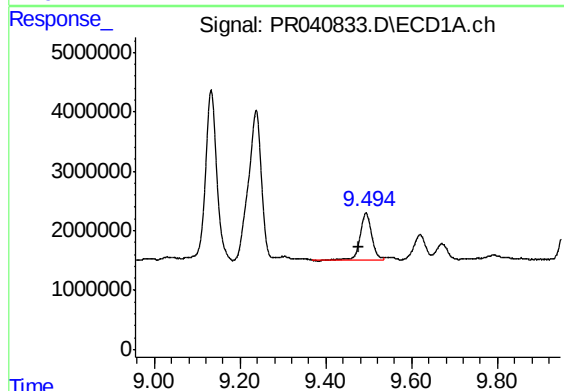
R.T.: 9.237 min
Delta R.T.: 0.013 min
Response: 51971539
Conc: 129.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



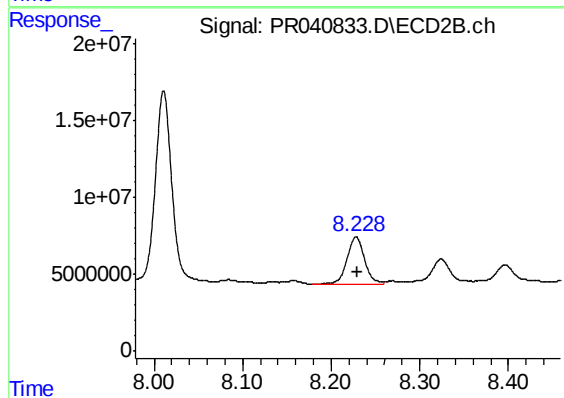
#42 AR-1268-2

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 168193042
Conc: 103.68 ng/ml



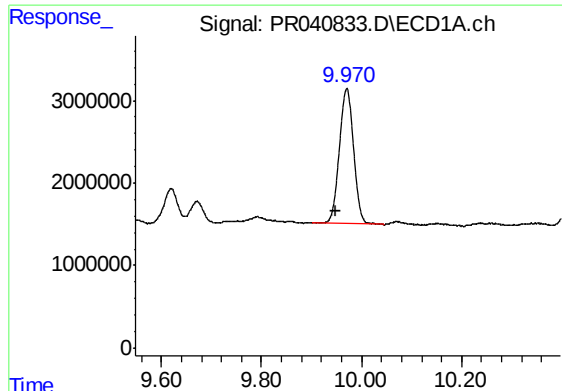
#43 AR-1268-3

R.T.: 9.494 min
Delta R.T.: 0.017 min
Response: 14904938
Conc: 44.24 ng/ml



#43 AR-1268-3

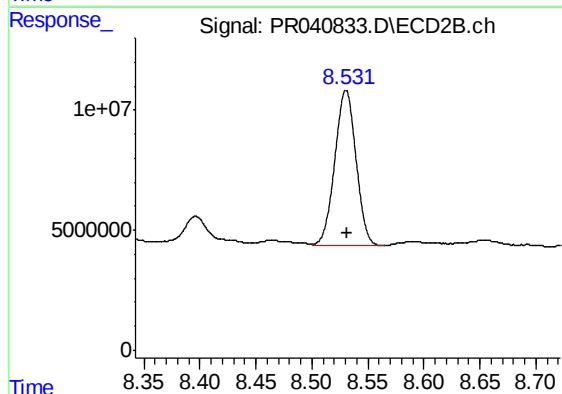
R.T.: 8.228 min
Delta R.T.: -0.001 min
Response: 43530521
Conc: 32.21 ng/ml



#44 AR-1268-4

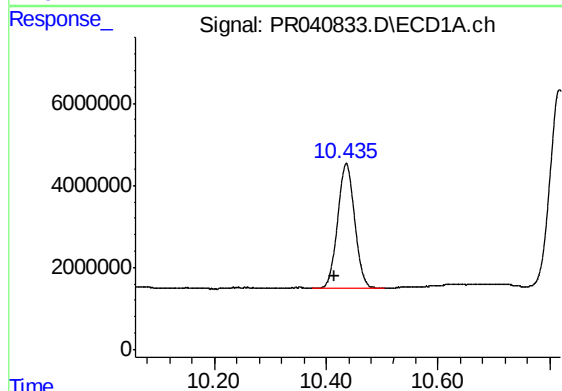
R.T.: 9.971 min
Delta R.T.: 0.022 min
Response: 32423150
Conc: 223.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
F2D38



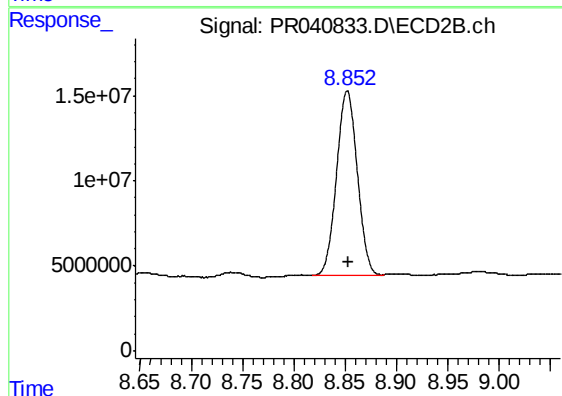
#44 AR-1268-4

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 85570019
Conc: 157.59 ng/ml



#45 AR-1268-5

R.T.: 10.436 min
Delta R.T.: 0.022 min
Response: 64428453
Conc: 59.83 ng/ml



#45 AR-1268-5

R.T.: 8.852 min
Delta R.T.: -0.002 min
Response: 152053453
Conc: 39.18 ng/ml