

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081519\
 Data File : P0059346.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Aug 2019 15:49
 Operator : SM/SJ
 Sample : K4355-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 RBR-200057-200054

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 01:28:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 09:07:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.148	3.510	963475	814046	22.830	20.377
2)	SA Decachlor...	9.642	8.385	1122294	811845	20.724	20.567
Target Compounds							
3)	L1 AR-1016-1	5.301	4.568	50454	21651	26.924	14.850 #
4)	L1 AR-1016-2	5.301	4.568	50454	21651	18.336	10.086 #
5)	L1 AR-1016-3	5.370	4.695	23294	172377	13.719	151.777 #
6)	L1 AR-1016-4	5.453	0.000	56184	0	40.154	N.D. #
7)	L1 AR-1016-5	5.747	4.952	23911	168532	16.692	136.858 #
8)	L2 AR-1221-1	4.450	3.710	15386	19357	33.869	48.053 #
9)	L2 AR-1221-2	4.450	3.871	15386	26535	44.625	88.904 #
10)	L2 AR-1221-3	4.531	3.871	47949	26535	43.726	27.738 #
11)	L3 AR-1232-1	4.531	3.871	47949	26535	53.111	33.778 #
12)	L3 AR-1232-2	5.071	4.592	8807	22515	17.904	26.630 #
13)	L3 AR-1232-3	5.370	0.000	23294	0	21.755	N.D. #
15)	L3 AR-1232-5	5.612	5.086	10282	66672	25.198	151.441 #
16)	L4 AR-1242-1	5.301	4.592	50454	22515	39.400	22.179 #
17)	L4 AR-1242-2	5.370	4.592	23294	22515	12.314	14.914
18)	L4 AR-1242-3	5.411	0.000	11606	0	9.894	N.D. #
20)	L4 AR-1242-5	6.236	5.343	56077	99070	47.742	92.357 #
21)	L5 AR-1248-1	5.301	4.592	50454	22515	49.904	28.156 #
22)	L5 AR-1248-2	5.612	0.000	10282	0	7.113	N.D. #
24)	L5 AR-1248-4	6.236	5.086	56077	66672	27.689	47.726 #
25)	L5 AR-1248-5	6.236	5.449	56077	90921	29.050	65.635 #
26)	L6 AR-1254-1	6.170	5.343	416785	99070	176.507	38.243 #
27)	L6 AR-1254-2	6.408	5.516	766780	27085	198.959	11.830 #
28)	L6 AR-1254-3	6.746	5.905	403612	98462	99.666	26.761 #
29)	L6 AR-1254-4	7.042	6.154	35452	38337	9.846	16.487 #
30)	L6 AR-1254-5	7.448	6.558	183121	57889	50.519	16.781 #
31)	L7 AR-1260-1	6.880	6.010	108008	95615	37.514	40.173
32)	L7 AR-1260-2	7.130	6.203	350594	78837	84.276	26.025 #
33)	L7 AR-1260-3	7.491	6.350	69198	65239	18.582	24.164 #
34)	L7 AR-1260-4	7.716	6.814	97279	40697	28.546	18.011 #
35)	L7 AR-1260-5	8.026	7.058	160301	190375	21.795	35.351 #
36)	L8 AR-1262-1	7.491	6.558	69198	57889	13.729	16.207
37)	L8 AR-1262-2	8.048	7.058	117945	190375	14.819	33.719 #
38)	L8 AR-1262-3	8.295	7.373	233254	2144806	45.885	869.026 #
39)	L8 AR-1262-4	8.375	7.429	41921	765777	11.062	180.345 #
40)	L8 AR-1262-5	8.985	7.846	15767	25897	6.862	15.230 #
41)	L9 AR-1268-1	8.295	7.373	233254	2144806	20.883	263.327 #
42)	L9 AR-1268-2	8.375	7.429	41921	765777	4.463	101.064 #
43)	L9 AR-1268-3	8.642	0.000	34340	0	4.158	N.D. #
44)	L9 AR-1268-4	8.985	7.846	15767	25897	5.274	11.159 #
45)	L9 AR-1268-5	9.353	8.118	30742	25757	1.432	1.503

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Acq On : 15 Aug 2019 15:49
Operator : SM/SJ
Sample : K4355-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 01:28:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 14 09:07:26 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

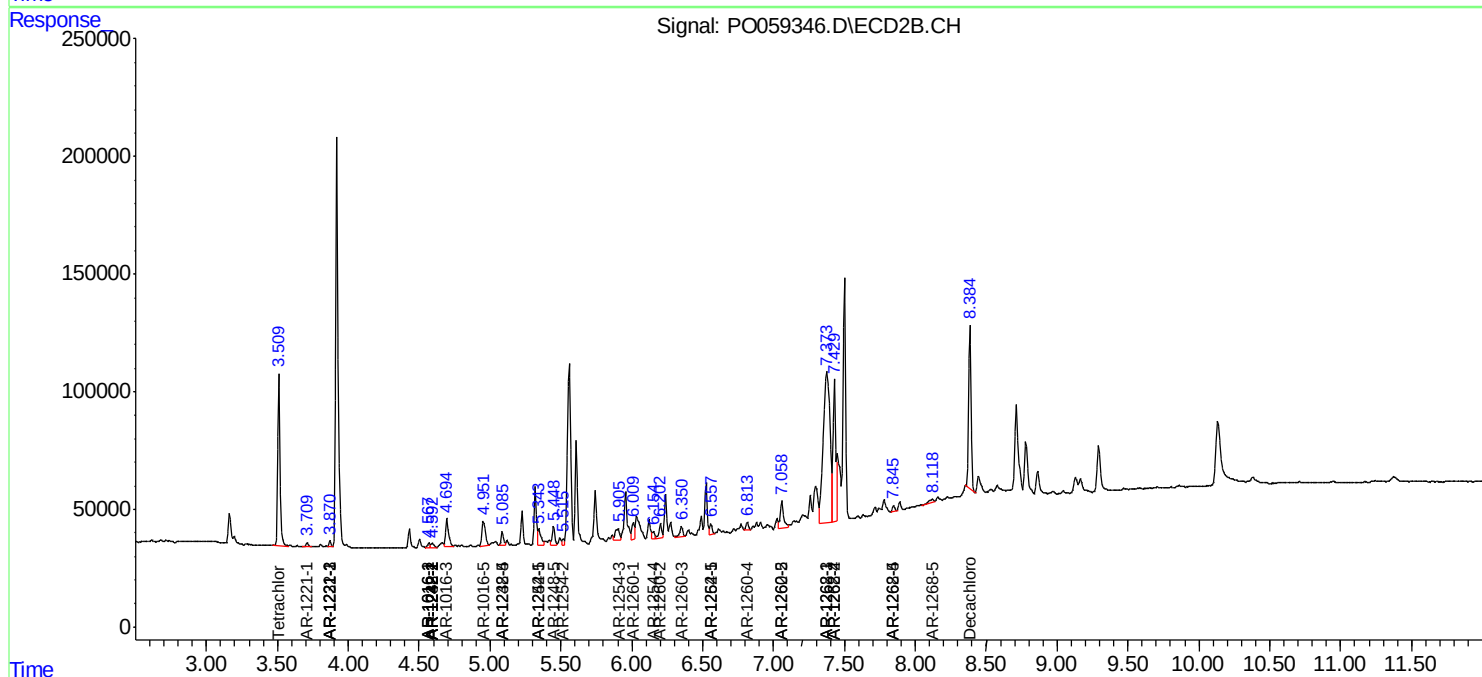
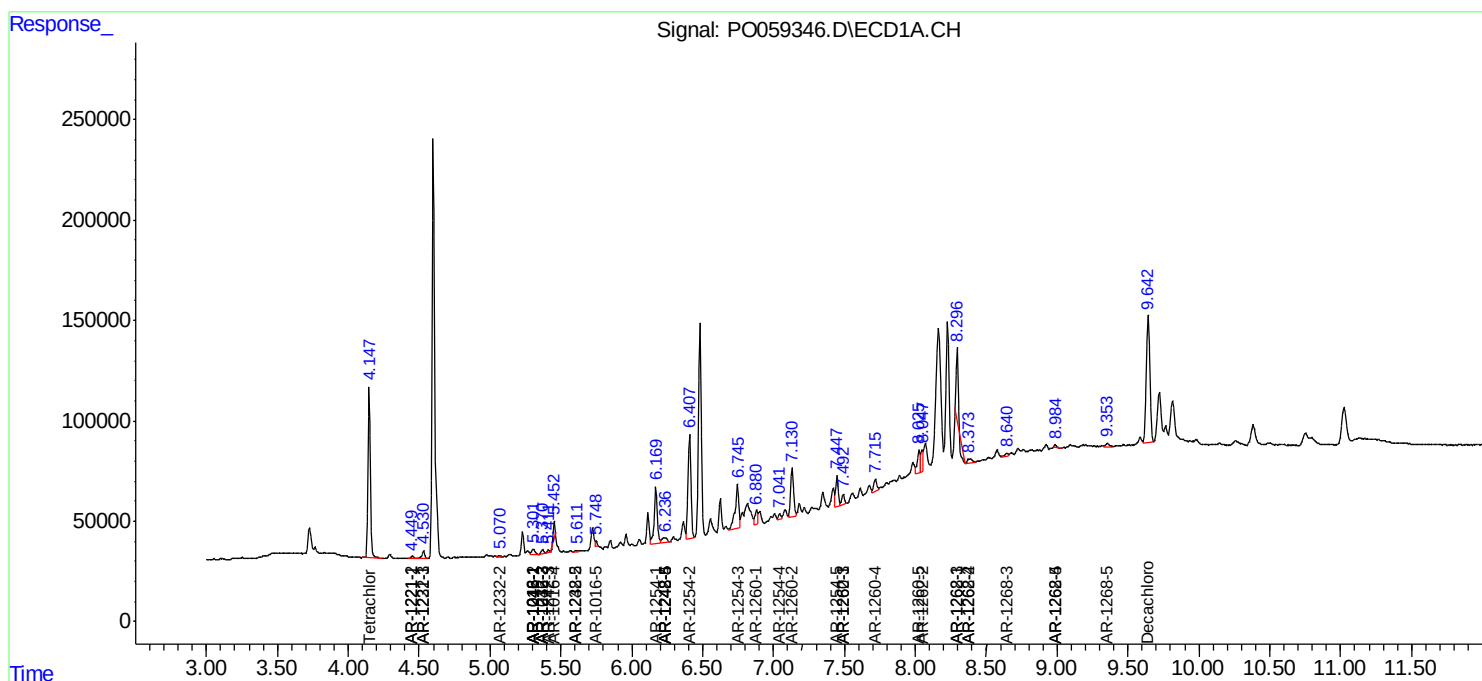
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

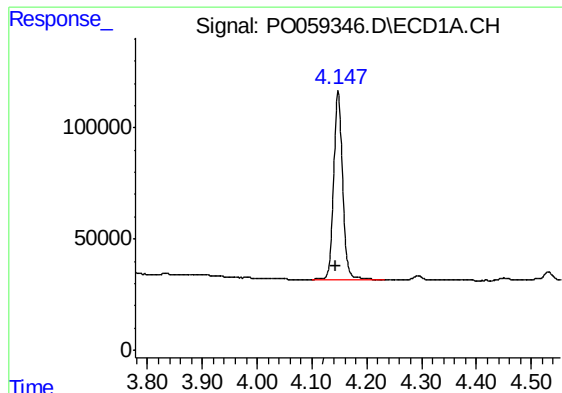
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081519\
Data File : PO059346.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Aug 2019 15:49
Operator : SM/SJ
Sample : K4355-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054

Integration File signal 1: autoint1.e
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

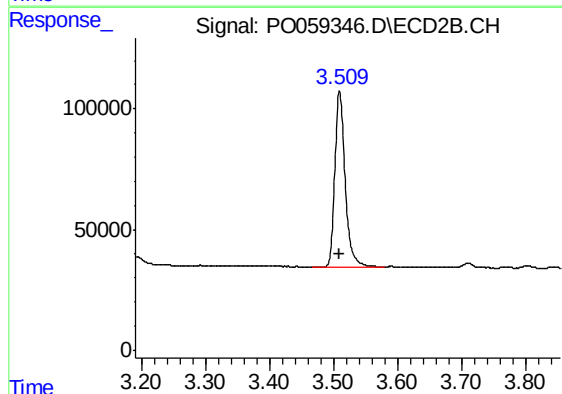




#1 Tetrachloro-m-xylene

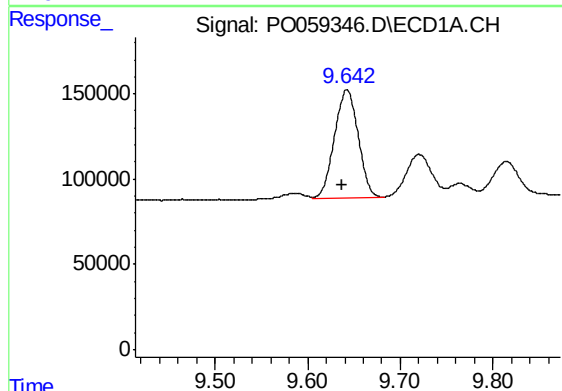
R.T.: 4.148 min
Delta R.T.: 0.005 min
Response: 963475
Conc: 22.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



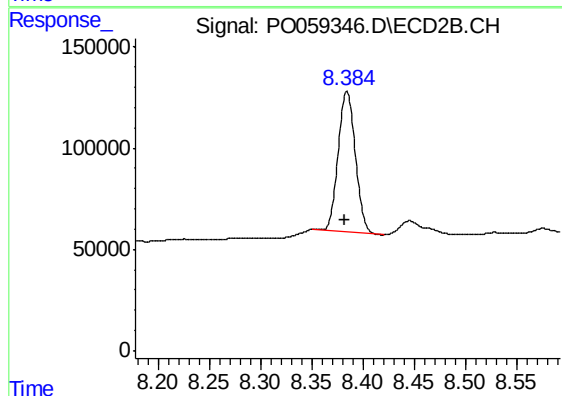
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: 0.000 min
Response: 814046
Conc: 20.38 ng/ml



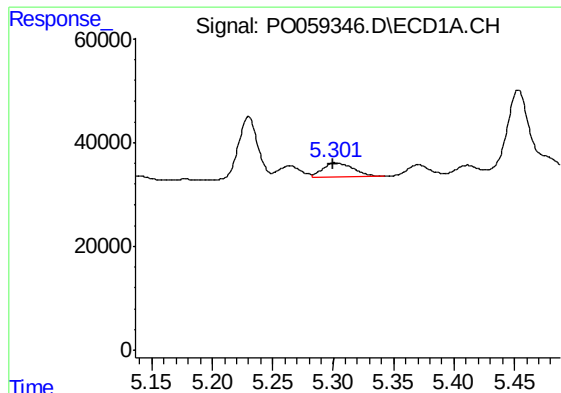
#2 Decachlorobiphenyl

R.T.: 9.642 min
Delta R.T.: 0.005 min
Response: 1122294
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

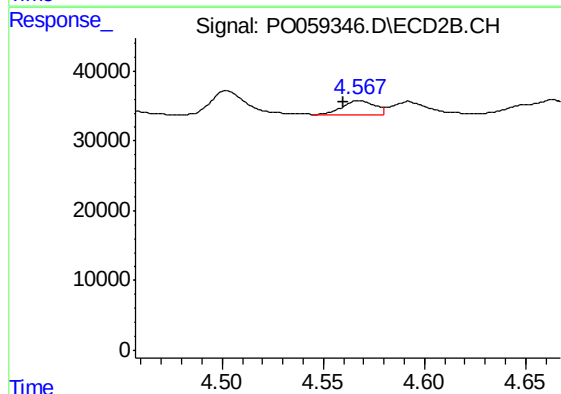
R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 811845
Conc: 20.57 ng/ml



#3 AR-1016-1

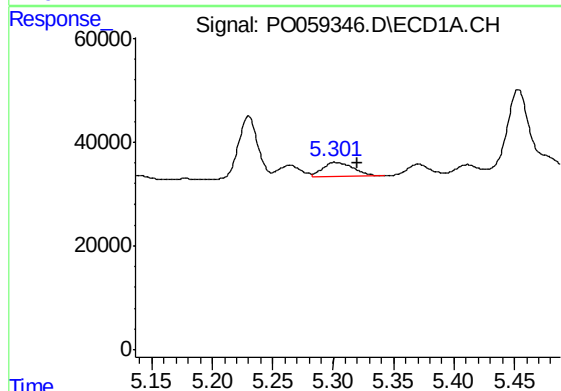
R.T.: 5.301 min
Delta R.T.: 0.001 min
Response: 50454
Conc: 26.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



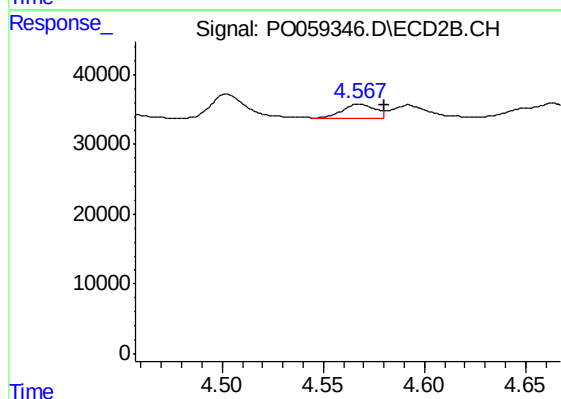
#3 AR-1016-1

R.T.: 4.568 min
Delta R.T.: 0.008 min
Response: 21651
Conc: 14.85 ng/ml



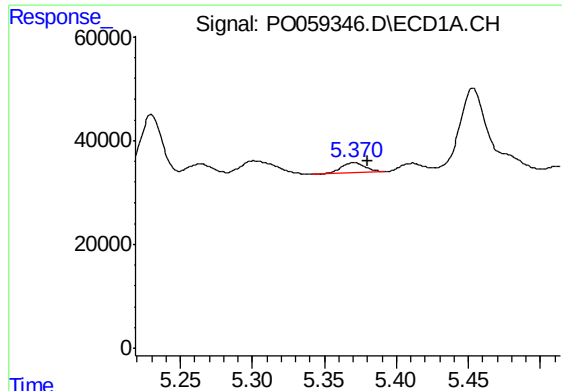
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: -0.019 min
Response: 50454
Conc: 18.34 ng/ml



#4 AR-1016-2

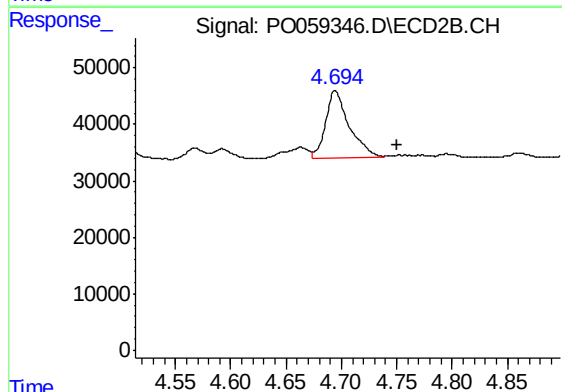
R.T.: 4.568 min
Delta R.T.: -0.012 min
Response: 21651
Conc: 10.09 ng/ml



#5 AR-1016-3

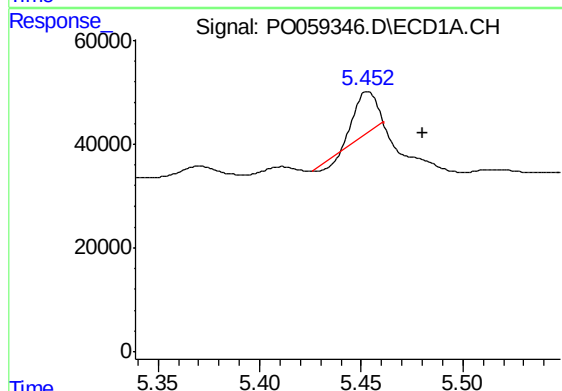
R.T.: 5.370 min
Delta R.T.: -0.010 min
Response: 23294
Conc: 13.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



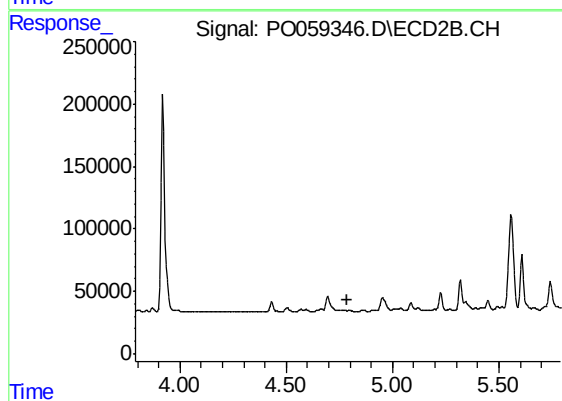
#5 AR-1016-3

R.T.: 4.695 min
Delta R.T.: -0.055 min
Response: 172377
Conc: 151.78 ng/ml



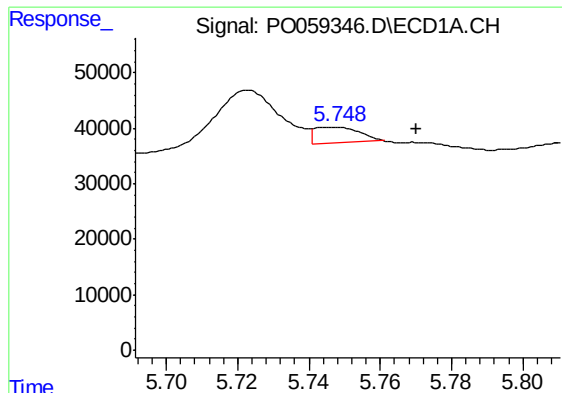
#6 AR-1016-4

R.T.: 5.453 min
Delta R.T.: -0.027 min
Response: 56184
Conc: 40.15 ng/ml



#6 AR-1016-4

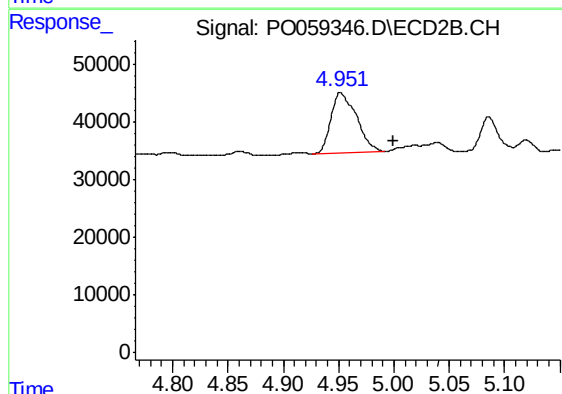
R.T.: 0.000 min
Exp R.T. : 4.790 min
Response: 0
Conc: N.D.



#7 AR-1016-5

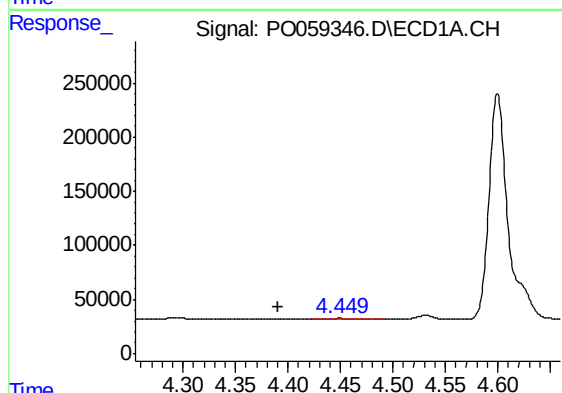
R.T.: 5.747 min
Delta R.T.: -0.023 min
Response: 23911
Conc: 16.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



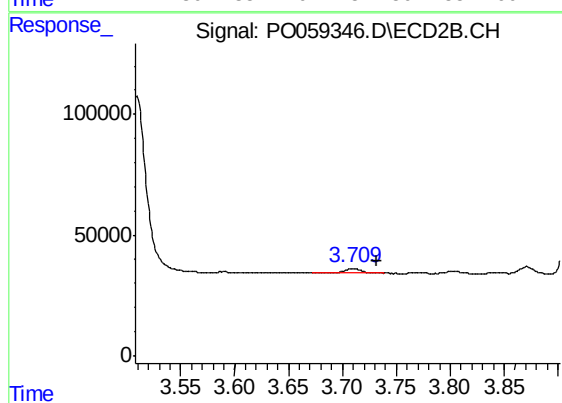
#7 AR-1016-5

R.T.: 4.952 min
Delta R.T.: -0.048 min
Response: 168532
Conc: 136.86 ng/ml



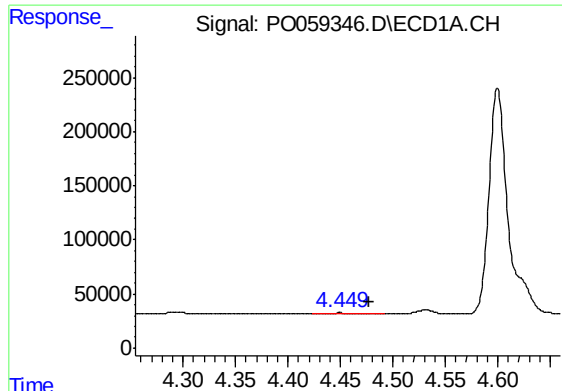
#8 AR-1221-1

R.T.: 4.450 min
Delta R.T.: 0.059 min
Response: 15386
Conc: 33.87 ng/ml



#8 AR-1221-1

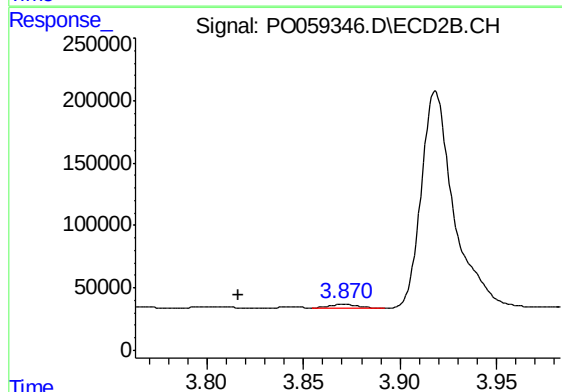
R.T.: 3.710 min
Delta R.T.: -0.022 min
Response: 19357
Conc: 48.05 ng/ml



#9 AR-1221-2

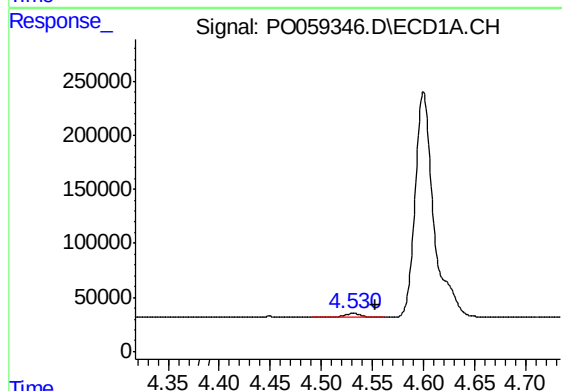
R.T.: 4.450 min
Delta R.T.: -0.028 min
Response: 15386
Conc: 44.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



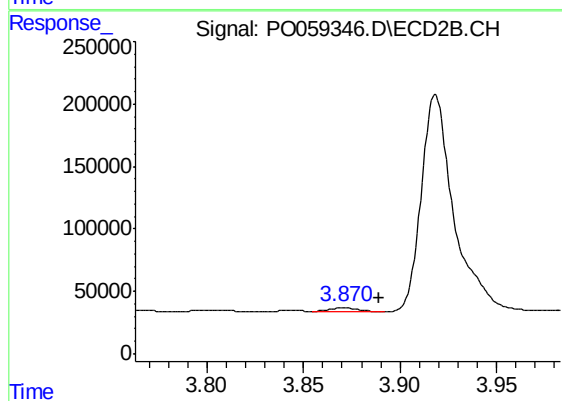
#9 AR-1221-2

R.T.: 3.871 min
Delta R.T.: 0.055 min
Response: 26535
Conc: 88.90 ng/ml



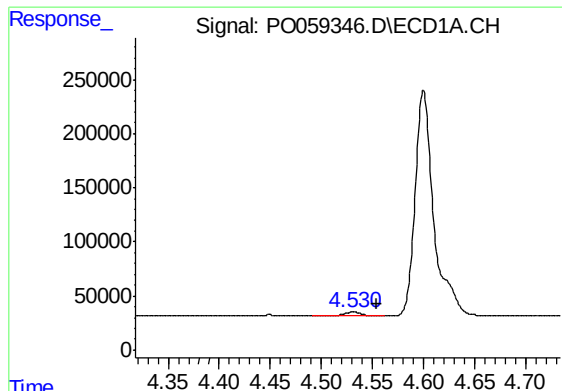
#10 AR-1221-3

R.T.: 4.531 min
Delta R.T.: -0.022 min
Response: 47949
Conc: 43.73 ng/ml



#10 AR-1221-3

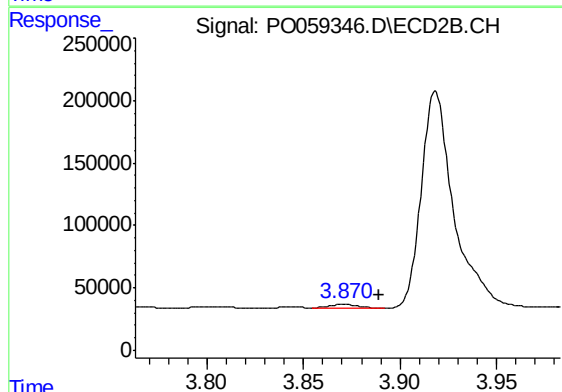
R.T.: 3.871 min
Delta R.T.: -0.019 min
Response: 26535
Conc: 27.74 ng/ml



#11 AR-1232-1

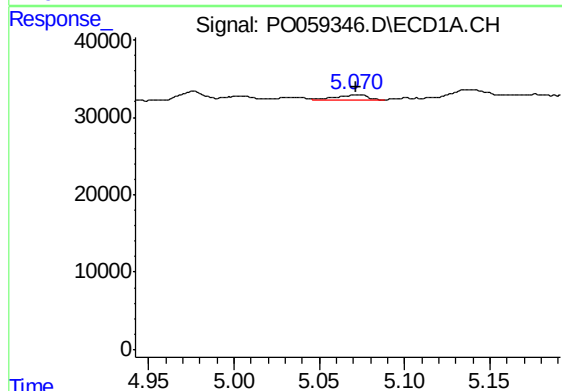
R.T.: 4.531 min
Delta R.T.: -0.023 min
Response: 47949
Conc: 53.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



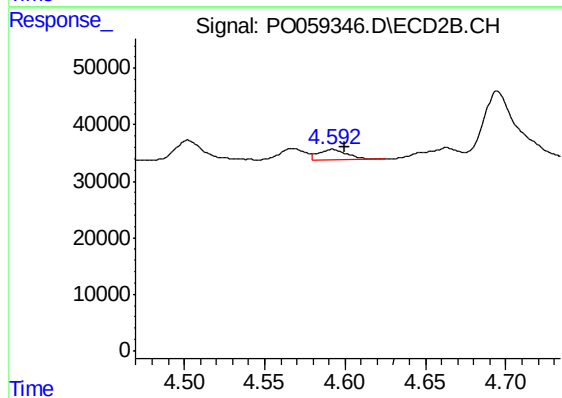
#11 AR-1232-1

R.T.: 3.871 min
Delta R.T.: -0.019 min
Response: 26535
Conc: 33.78 ng/ml



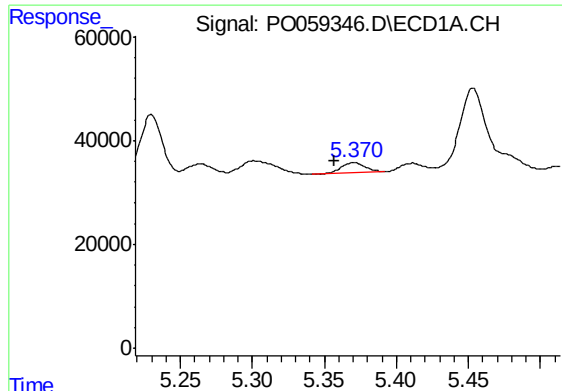
#12 AR-1232-2

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 8807
Conc: 17.90 ng/ml



#12 AR-1232-2

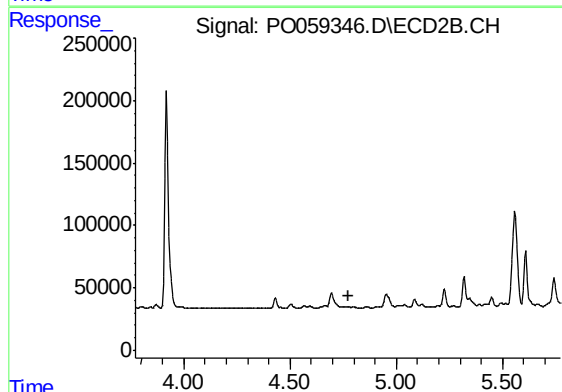
R.T.: 4.592 min
Delta R.T.: -0.008 min
Response: 22515
Conc: 26.63 ng/ml



#13 AR-1232-3

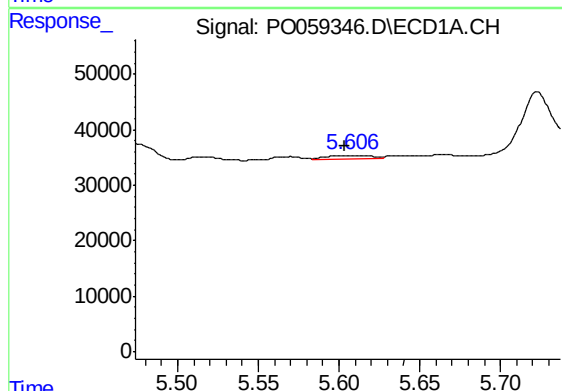
R.T.: 5.370 min
Delta R.T.: 0.013 min
Response: 23294
Conc: 21.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
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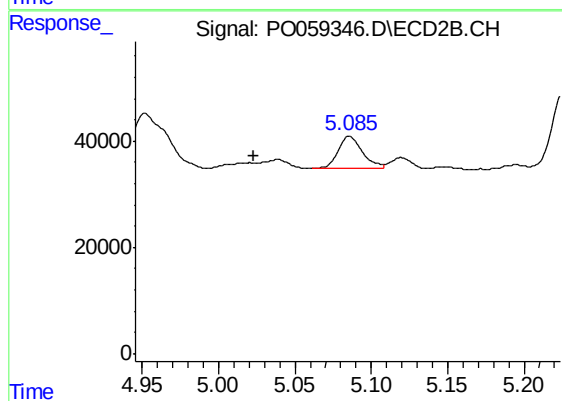
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



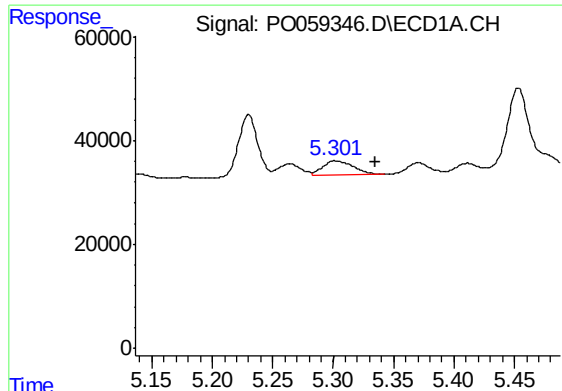
#15 AR-1232-5

R.T.: 5.612 min
Delta R.T.: 0.009 min
Response: 10282
Conc: 25.20 ng/ml



#15 AR-1232-5

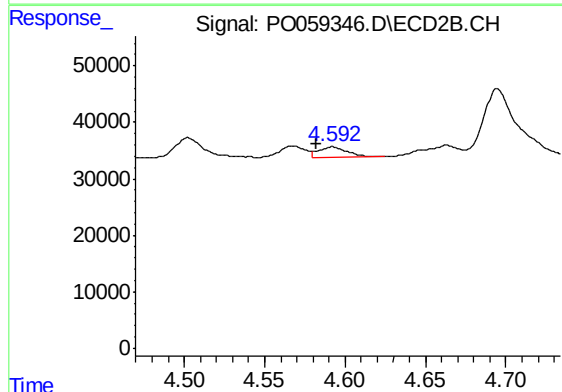
R.T.: 5.086 min
Delta R.T.: 0.062 min
Response: 66672
Conc: 151.44 ng/ml



#16 AR-1242-1

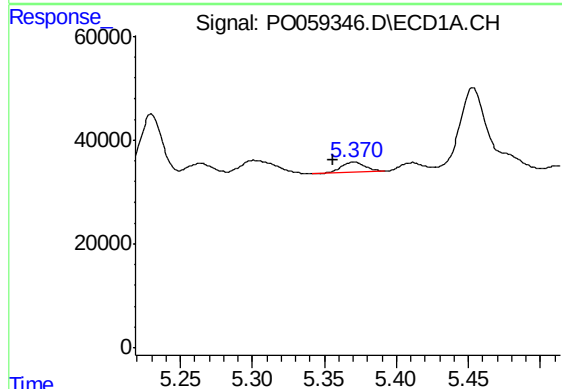
R.T.: 5.301 min
Delta R.T.: -0.033 min
Response: 50454
Conc: 39.40 ng/ml

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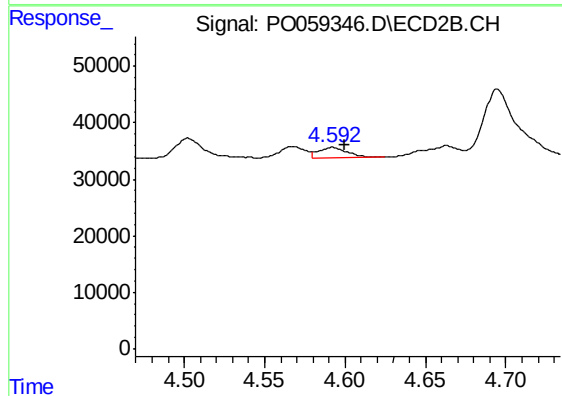
#16 AR-1242-1

R.T.: 4.592 min
Delta R.T.: 0.010 min
Response: 22515
Conc: 22.18 ng/ml



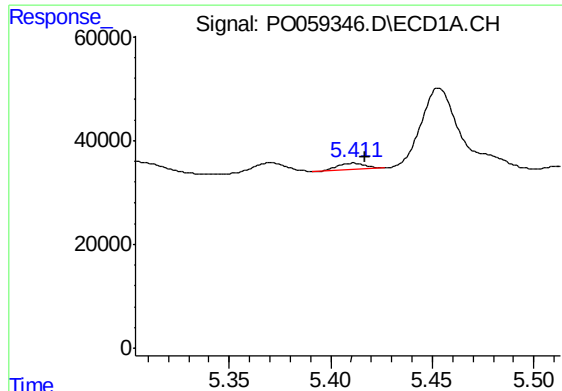
#17 AR-1242-2

R.T.: 5.370 min
Delta R.T.: 0.015 min
Response: 23294
Conc: 12.31 ng/ml



#17 AR-1242-2

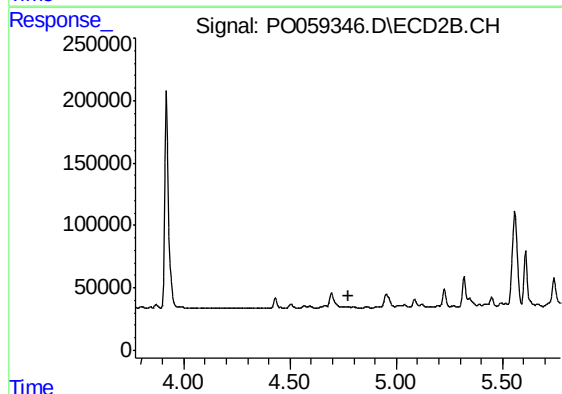
R.T.: 4.592 min
Delta R.T.: -0.008 min
Response: 22515
Conc: 14.91 ng/ml



#18 AR-1242-3

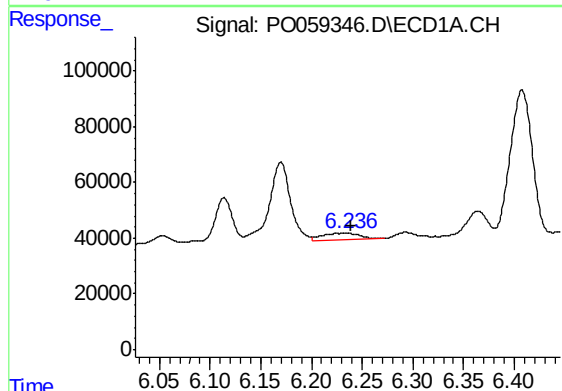
R.T.: 5.411 min
Delta R.T.: -0.006 min
Response: 11606
Conc: 9.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



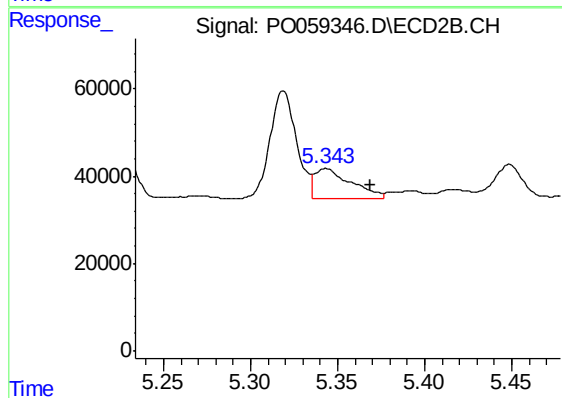
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



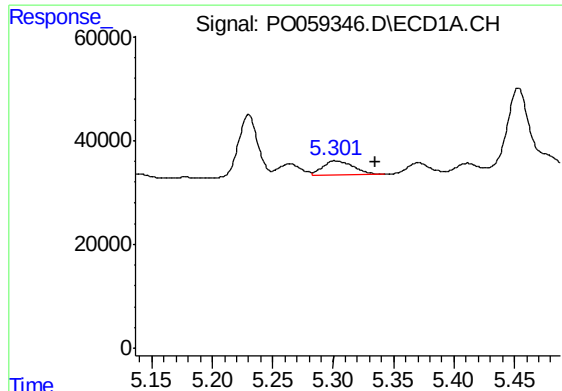
#20 AR-1242-5

R.T.: 6.236 min
Delta R.T.: -0.004 min
Response: 56077
Conc: 47.74 ng/ml



#20 AR-1242-5

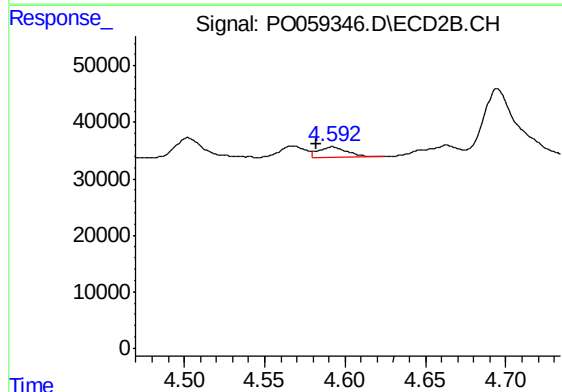
R.T.: 5.343 min
Delta R.T.: -0.025 min
Response: 99070
Conc: 92.36 ng/ml



#21 AR-1248-1

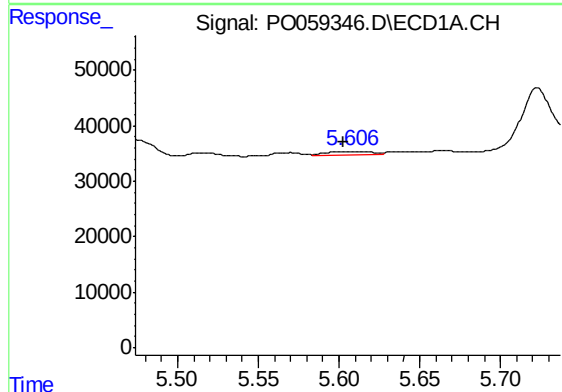
R.T.: 5.301 min
Delta R.T.: -0.034 min
Response: 50454
Conc: 49.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



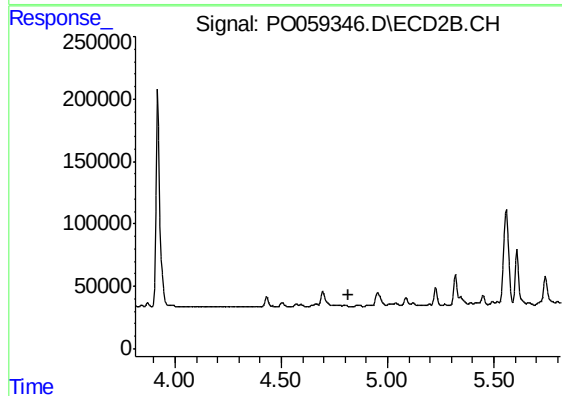
#21 AR-1248-1

R.T.: 4.592 min
Delta R.T.: 0.010 min
Response: 22515
Conc: 28.16 ng/ml



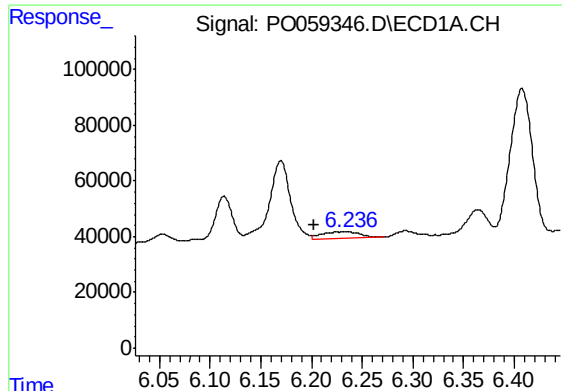
#22 AR-1248-2

R.T.: 5.612 min
Delta R.T.: 0.010 min
Response: 10282
Conc: 7.11 ng/ml



#22 AR-1248-2

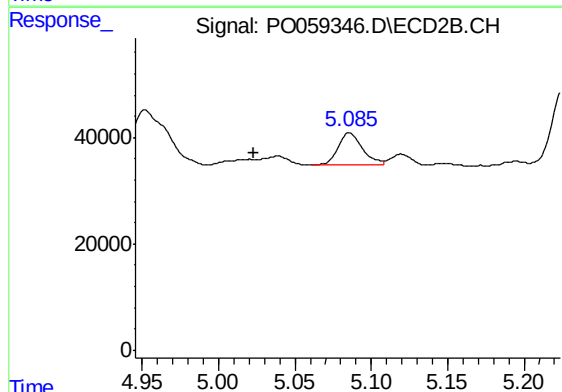
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#24 AR-1248-4

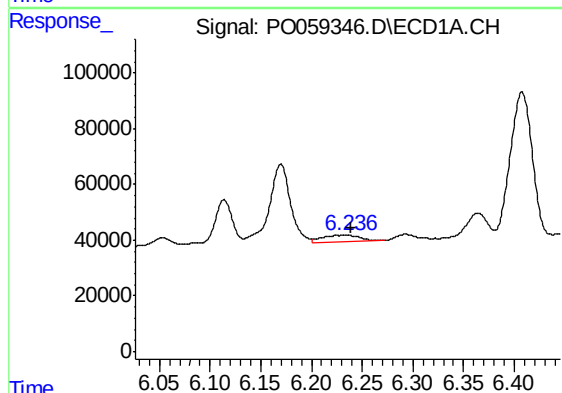
R.T.: 6.236 min
Delta R.T.: 0.033 min
Response: 56077
Conc: 27.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



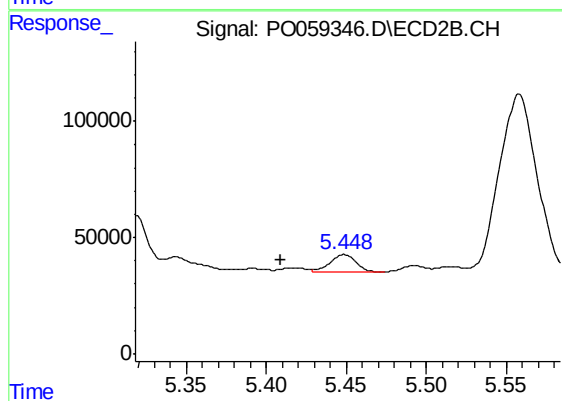
#24 AR-1248-4

R.T.: 5.086 min
Delta R.T.: 0.063 min
Response: 66672
Conc: 47.73 ng/ml



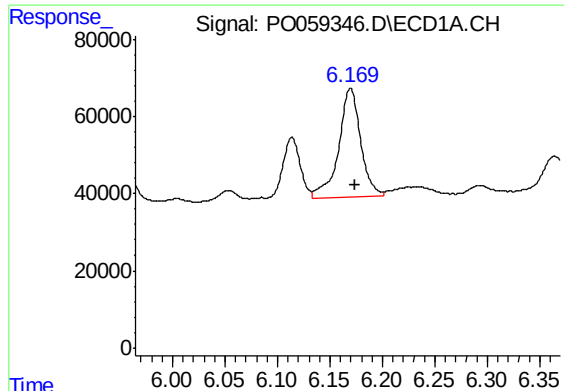
#25 AR-1248-5

R.T.: 6.236 min
Delta R.T.: -0.004 min
Response: 56077
Conc: 29.05 ng/ml



#25 AR-1248-5

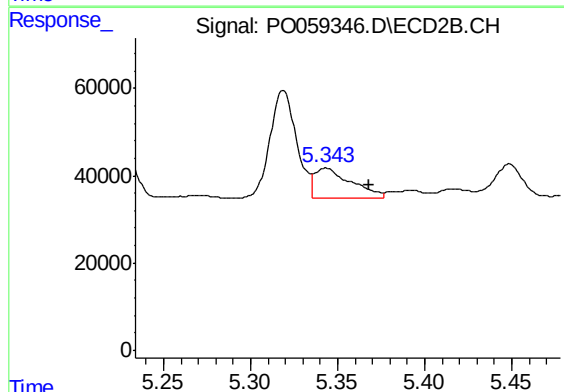
R.T.: 5.449 min
Delta R.T.: 0.040 min
Response: 90921
Conc: 65.63 ng/ml



#26 AR-1254-1

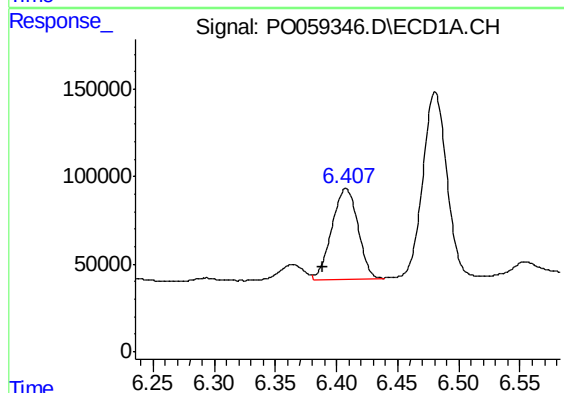
R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 416785
Conc: 176.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



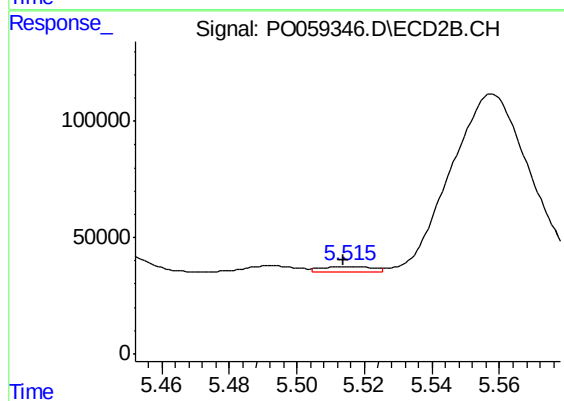
#26 AR-1254-1

R.T.: 5.343 min
Delta R.T.: -0.025 min
Response: 99070
Conc: 38.24 ng/ml



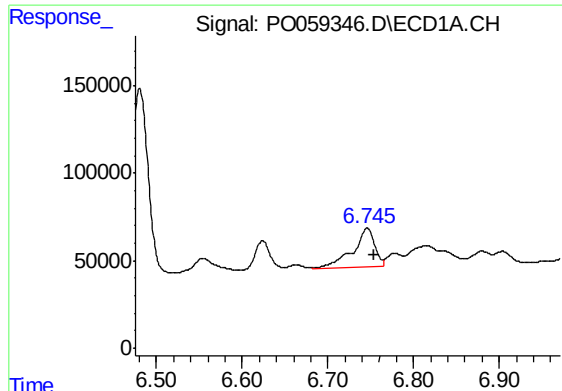
#27 AR-1254-2

R.T.: 6.408 min
Delta R.T.: 0.019 min
Response: 766780
Conc: 198.96 ng/ml



#27 AR-1254-2

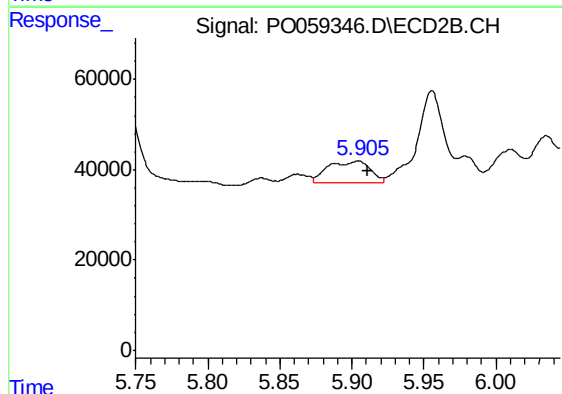
R.T.: 5.516 min
Delta R.T.: 0.002 min
Response: 27085
Conc: 11.83 ng/ml



#28 AR-1254-3

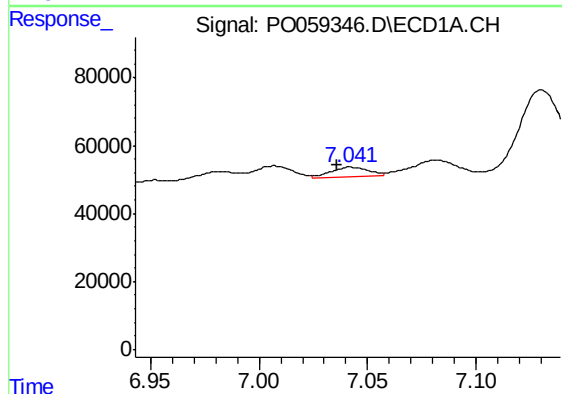
R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 403612
Conc: 99.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



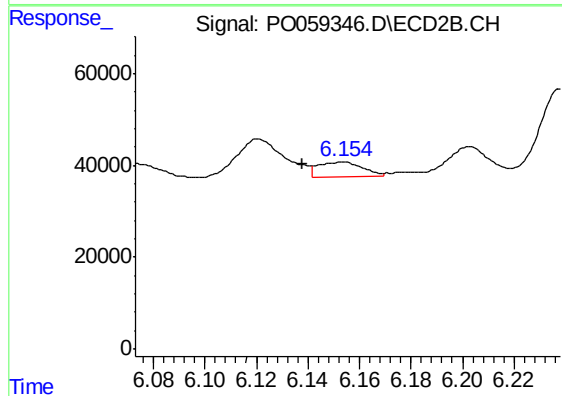
#28 AR-1254-3

R.T.: 5.905 min
Delta R.T.: -0.006 min
Response: 98462
Conc: 26.76 ng/ml



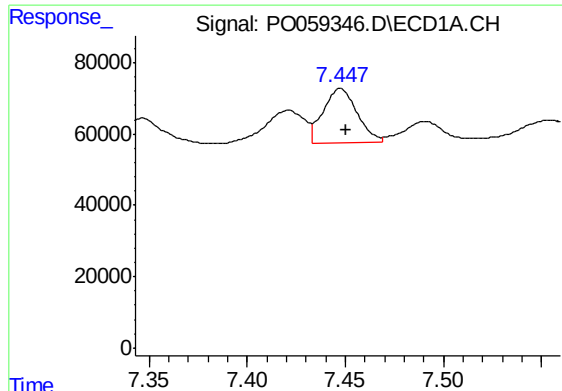
#29 AR-1254-4

R.T.: 7.042 min
Delta R.T.: 0.006 min
Response: 35452
Conc: 9.85 ng/ml



#29 AR-1254-4

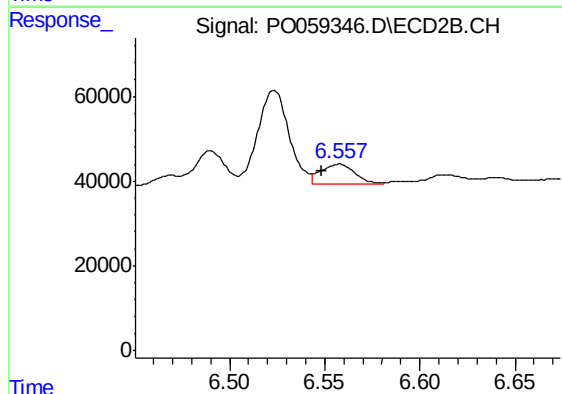
R.T.: 6.154 min
Delta R.T.: 0.016 min
Response: 38337
Conc: 16.49 ng/ml



#30 AR-1254-5

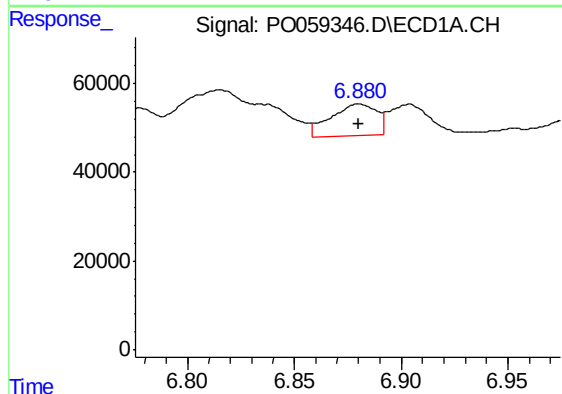
R.T.: 7.448 min
Delta R.T.: -0.003 min
Response: 183121
Conc: 50.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



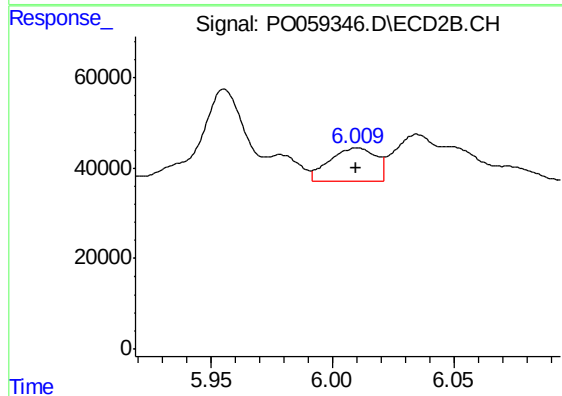
#30 AR-1254-5

R.T.: 6.558 min
Delta R.T.: 0.010 min
Response: 57889
Conc: 16.78 ng/ml



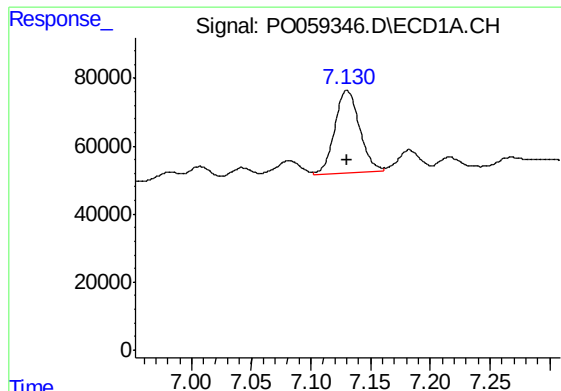
#31 AR-1260-1

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 108008
Conc: 37.51 ng/ml



#31 AR-1260-1

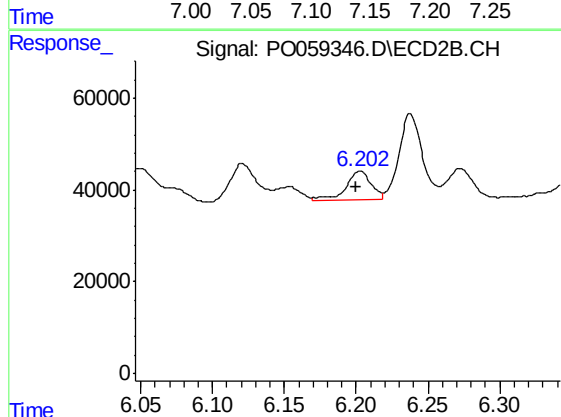
R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 95615
Conc: 40.17 ng/ml



#32 AR-1260-2

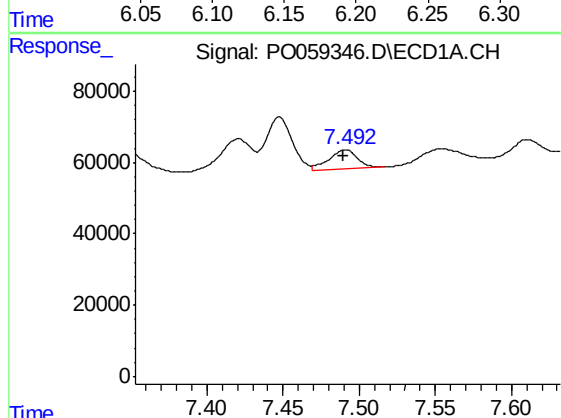
R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 350594
Conc: 84.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



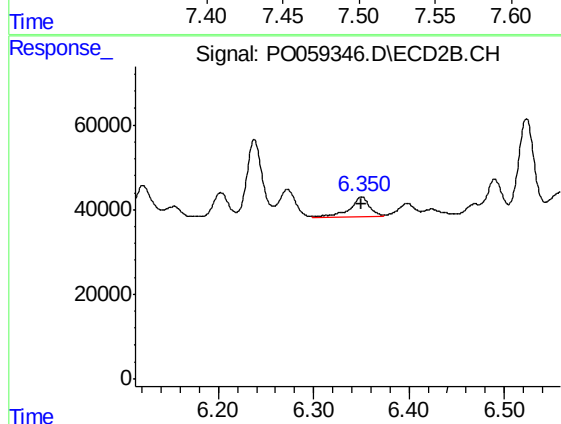
#32 AR-1260-2

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 78837
Conc: 26.02 ng/ml



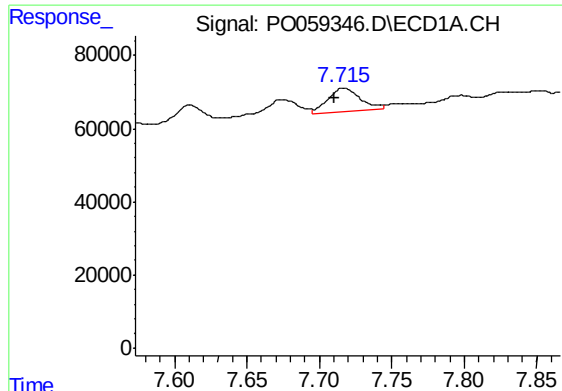
#33 AR-1260-3

R.T.: 7.491 min
Delta R.T.: 0.001 min
Response: 69198
Conc: 18.58 ng/ml



#33 AR-1260-3

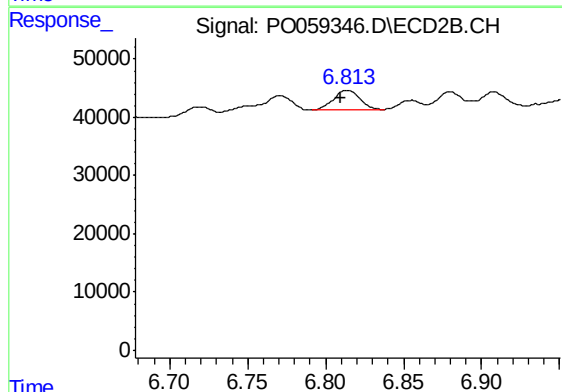
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 65239
Conc: 24.16 ng/ml



#34 AR-1260-4

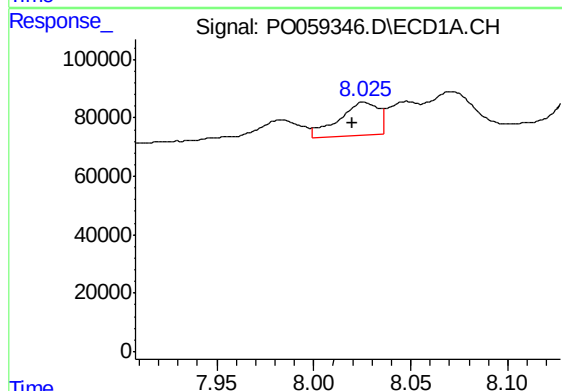
R.T.: 7.716 min
Delta R.T.: 0.006 min
Response: 97279
Conc: 28.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



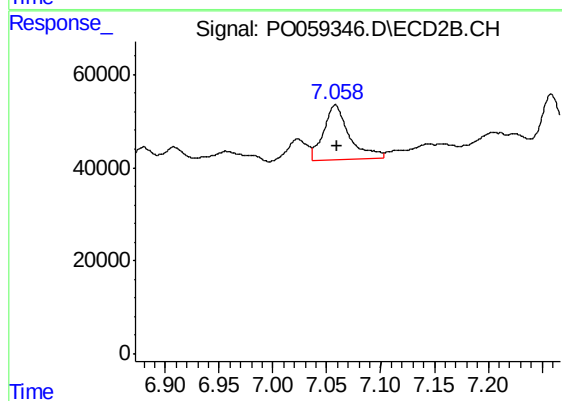
#34 AR-1260-4

R.T.: 6.814 min
Delta R.T.: 0.004 min
Response: 40697
Conc: 18.01 ng/ml



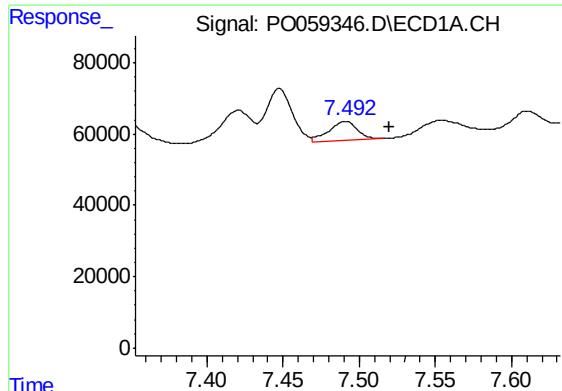
#35 AR-1260-5

R.T.: 8.026 min
Delta R.T.: 0.006 min
Response: 160301
Conc: 21.80 ng/ml



#35 AR-1260-5

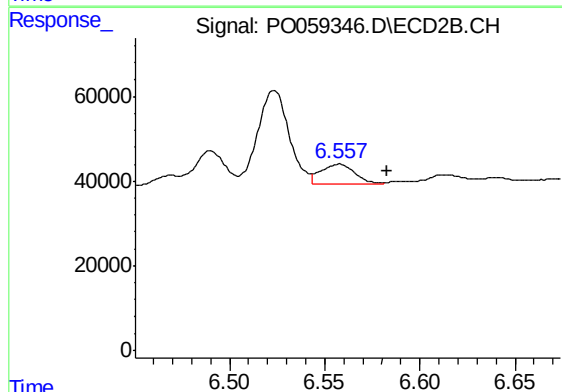
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 190375
Conc: 35.35 ng/ml



#36 AR-1262-1

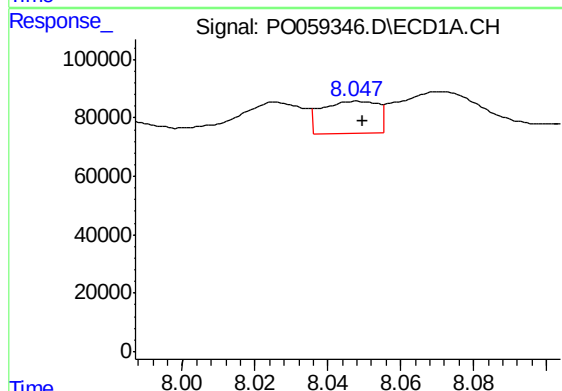
R.T.: 7.491 min
Delta R.T.: -0.028 min
Response: 69198
Conc: 13.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



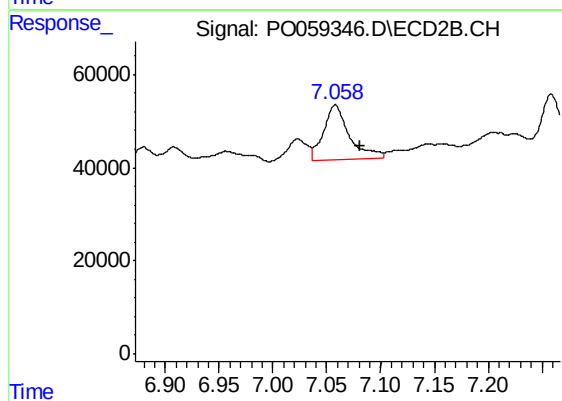
#36 AR-1262-1

R.T.: 6.558 min
Delta R.T.: -0.025 min
Response: 57889
Conc: 16.21 ng/ml



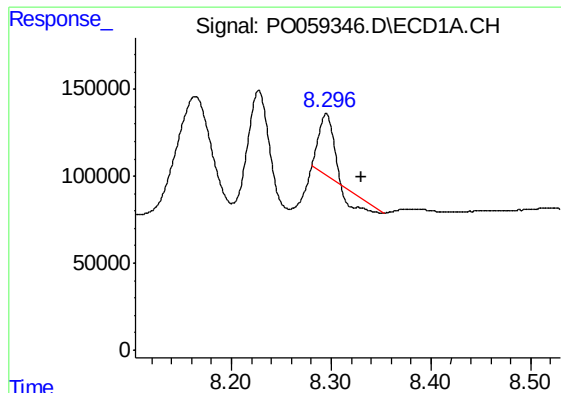
#37 AR-1262-2

R.T.: 8.048 min
Delta R.T.: -0.002 min
Response: 117945
Conc: 14.82 ng/ml



#37 AR-1262-2

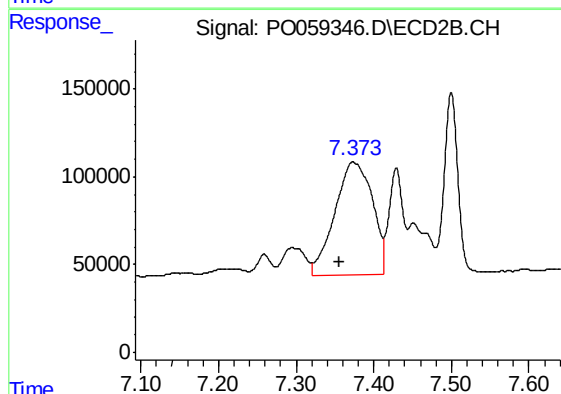
R.T.: 7.058 min
Delta R.T.: -0.024 min
Response: 190375
Conc: 33.72 ng/ml



#38 AR-1262-3

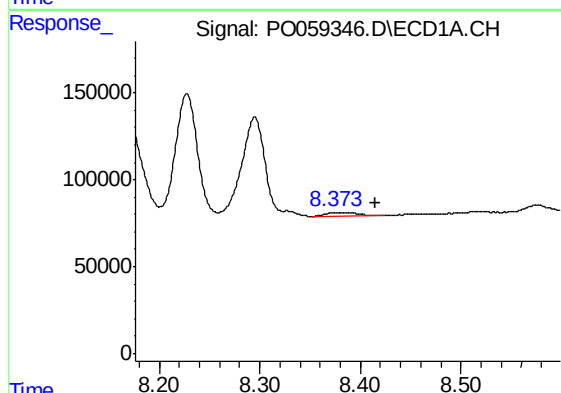
R.T.: 8.295 min
Delta R.T.: -0.035 min
Response: 233254
Conc: 45.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



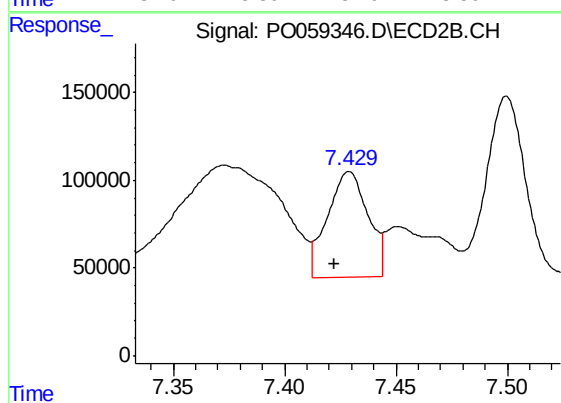
#38 AR-1262-3

R.T.: 7.373 min
Delta R.T.: 0.016 min
Response: 2144806
Conc: 869.03 ng/ml



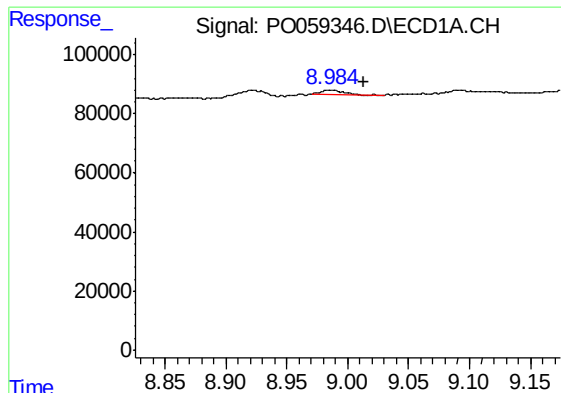
#39 AR-1262-4

R.T.: 8.375 min
Delta R.T.: -0.040 min
Response: 41921
Conc: 11.06 ng/ml



#39 AR-1262-4

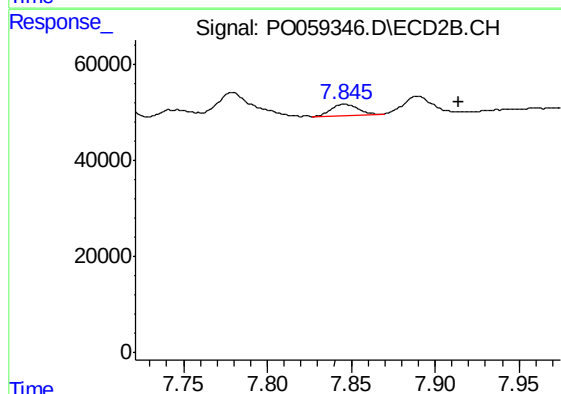
R.T.: 7.429 min
Delta R.T.: 0.007 min
Response: 765777
Conc: 180.34 ng/ml



#40 AR-1262-5

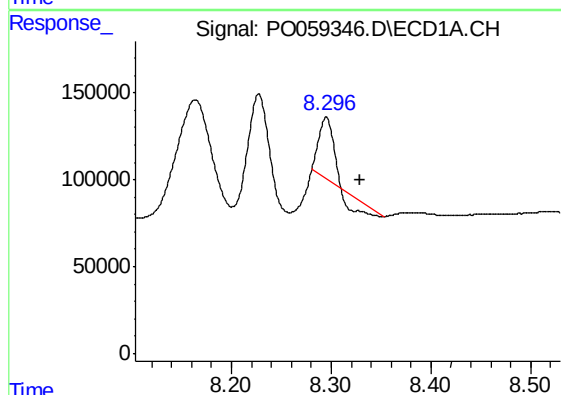
R.T.: 8.985 min
Delta R.T.: -0.028 min
Response: 15767
Conc: 6.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



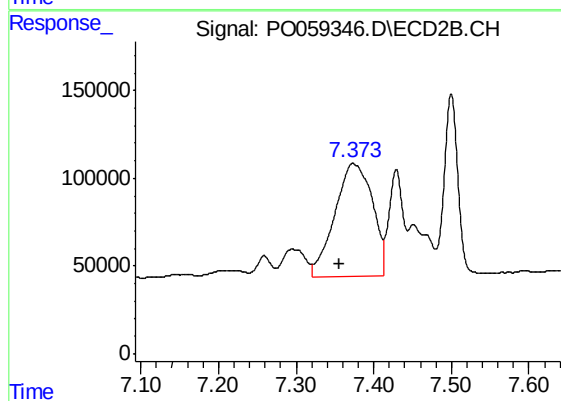
#40 AR-1262-5

R.T.: 7.846 min
Delta R.T.: -0.068 min
Response: 25897
Conc: 15.23 ng/ml



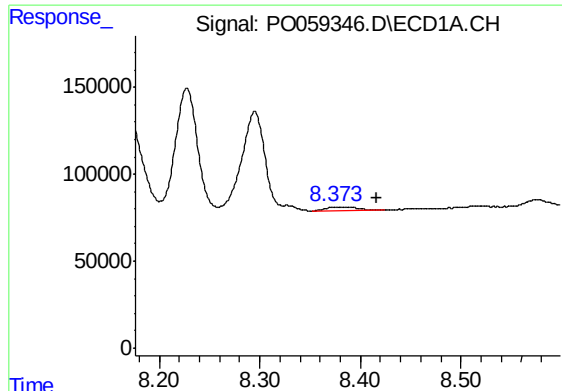
#41 AR-1268-1

R.T.: 8.295 min
Delta R.T.: -0.035 min
Response: 233254
Conc: 20.88 ng/ml



#41 AR-1268-1

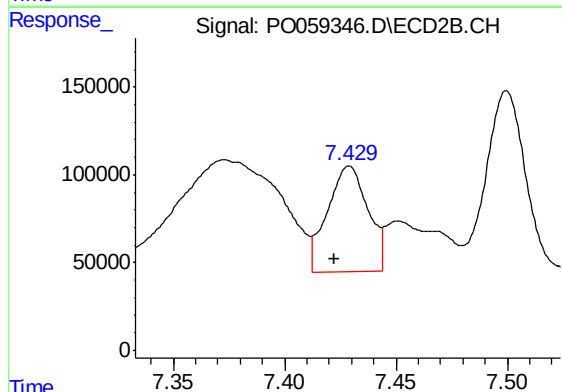
R.T.: 7.373 min
Delta R.T.: 0.016 min
Response: 2144806
Conc: 263.33 ng/ml



#42 AR-1268-2

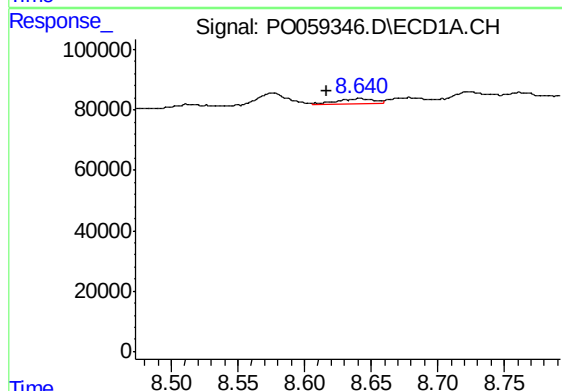
R.T.: 8.375 min
Delta R.T.: -0.042 min
Response: 41921
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



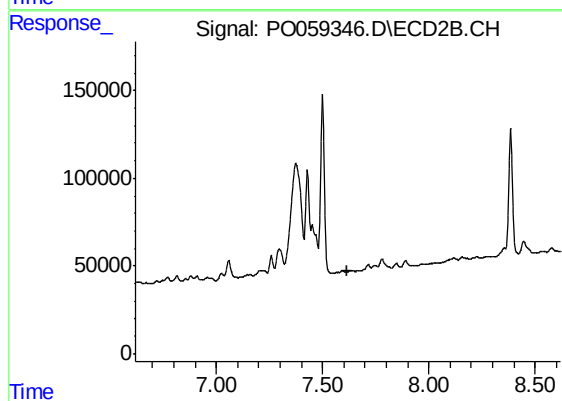
#42 AR-1268-2

R.T.: 7.429 min
Delta R.T.: 0.007 min
Response: 765777
Conc: 101.06 ng/ml



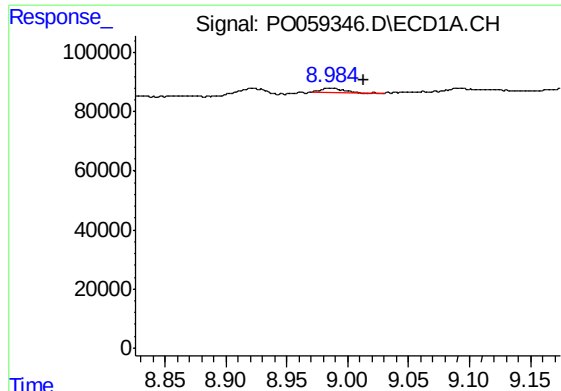
#43 AR-1268-3

R.T.: 8.642 min
Delta R.T.: 0.025 min
Response: 34340
Conc: 4.16 ng/ml



#43 AR-1268-3

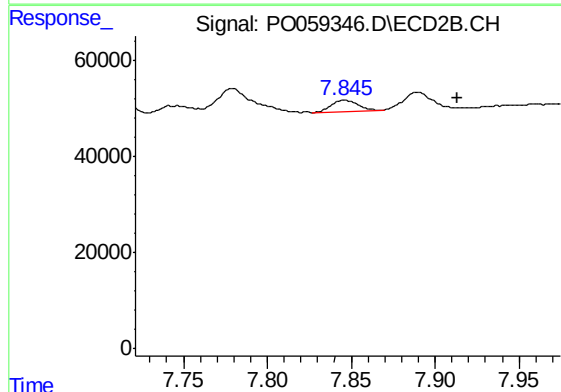
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#44 AR-1268-4

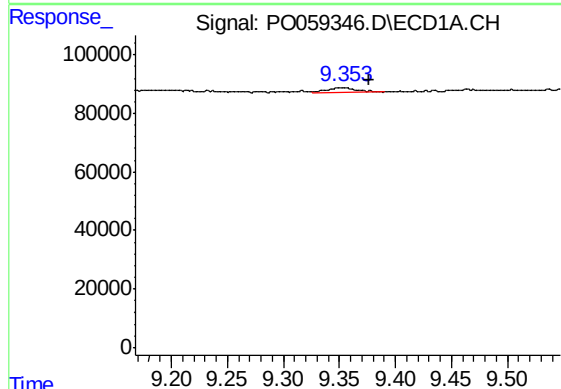
R.T.: 8.985 min
Delta R.T.: -0.028 min
Response: 15767
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200057-200054



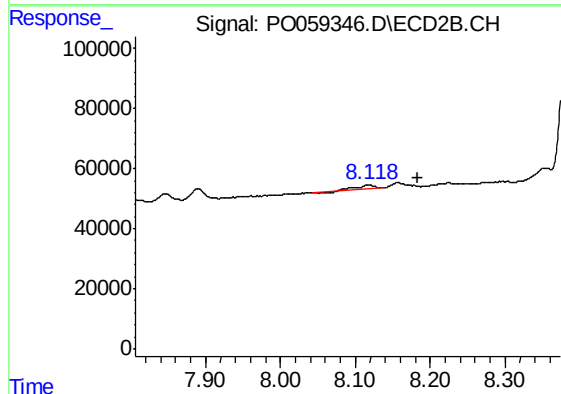
#44 AR-1268-4

R.T.: 7.846 min
Delta R.T.: -0.067 min
Response: 25897
Conc: 11.16 ng/ml



#45 AR-1268-5

R.T.: 9.353 min
Delta R.T.: -0.024 min
Response: 30742
Conc: 1.43 ng/ml



#45 AR-1268-5

R.T.: 8.118 min
Delta R.T.: -0.065 min
Response: 25757
Conc: 1.50 ng/ml