

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
 Data File : P0059325.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Aug 2019 3:23
 Operator : SM/SJ
 Sample : K4347-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:39:41 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...	4.146	3.511	893576	798057	21.173	19.976
2)	SA Decachlor...	9.704	8.384	2993	816748	0.055	20.691 #
Target Compounds							
3)	L1 AR-1016-1	5.365	0.000	11071	0	5.908	N.D. #
4)	L1 AR-1016-2	5.365	0.000	11071	0	4.024	N.D. #
5)	L1 AR-1016-3	5.434	0.000	2342	0	1.379	N.D. #
6)	L1 AR-1016-4	5.545	0.000	5139	0	3.673	N.D. #
7)	L1 AR-1016-5	5.857	0.000	7148	0	4.990	N.D. #
8)	L2 AR-1221-1	4.446	0.000	12295	0	27.066	N.D. #
9)	L2 AR-1221-2	4.446	0.000	12295	0	35.662	N.D. #
10)	L2 AR-1221-3	4.598	0.000	39105	0	35.661	N.D. #
11)	L3 AR-1232-1	4.598	0.000	39105	0	43.315	N.D. #
12)	L3 AR-1232-2	5.034	0.000	10319	0	20.978	N.D. #
13)	L3 AR-1232-3	5.365	0.000	11071	0	10.340	N.D. #
14)	L3 AR-1232-4	5.545	0.000	5139	0	9.640	N.D. #
15)	L3 AR-1232-5	5.600	0.000	10363	0	25.396	N.D. #
16)	L4 AR-1242-1	5.365	0.000	11071	0	8.646	N.D. #
17)	L4 AR-1242-2	5.365	0.000	11071	0	5.853	N.D. #
18)	L4 AR-1242-3	5.434	0.000	2342	0	1.996	N.D. #
19)	L4 AR-1242-4	5.545	0.000	5139	0	5.348	N.D. #
20)	L4 AR-1242-5	6.258	0.000	9544	0	8.125	N.D. #
21)	L5 AR-1248-1	5.365	0.000	11071	0	10.951	N.D. #
22)	L5 AR-1248-2	5.600	0.000	10363	0	7.169	N.D. #
23)	L5 AR-1248-3	5.857	0.000	7148	0	4.352	N.D. #
24)	L5 AR-1248-4	6.164	0.000	21551	0	10.641	N.D. #
25)	L5 AR-1248-5	6.258	0.000	9544	0	4.944	N.D. #
26)	L6 AR-1254-1	6.164	0.000	21551	0	9.127	N.D. #
27)	L6 AR-1254-2	6.368	0.000	1663	0	0.431	N.D. #
29)	L6 AR-1254-4	7.073	0.000	22538	0	6.259	N.D. #
30)	L6 AR-1254-5	7.468	0.000	71509	0	19.728	N.D. #
31)	L7 AR-1260-1	6.901	0.000	111	0	0.039	N.D. #
32)	L7 AR-1260-2	7.166	0.000	1872	0	0.450	N.D. #
33)	L7 AR-1260-3	7.496	0.000	17953	0	4.821	N.D. #
34)	L7 AR-1260-4	7.739	0.000	16057	0	4.712	N.D. #
35)	L7 AR-1260-5	8.069	0.000	45375	0	6.170	N.D. #
36)	L8 AR-1262-1	7.496	0.000	17953	0	3.562	N.D. #
37)	L8 AR-1262-2	8.069	0.000	45375	0	5.701	N.D. #
38)	L8 AR-1262-3	8.331	0.000	12815	0	2.521	N.D. #
39)	L8 AR-1262-4	8.403	0.000	6690	0	1.765	N.D. #
40)	L8 AR-1262-5	9.031	0.000	6392	0	2.782	N.D. #
41)	L9 AR-1268-1	8.331	0.000	12815	0	1.147	N.D. #
42)	L9 AR-1268-2	8.430	0.000	12774	0	1.360	N.D. #

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
43)	L9 AR-1268-3	8.612	0.000	5345	0	0.647	N.D.	#
44)	L9 AR-1268-4	9.031	0.000	6392	0	2.138	N.D.	#
45)	L9 AR-1268-5	9.389	0.000	3647	0	0.170	N.D.	#

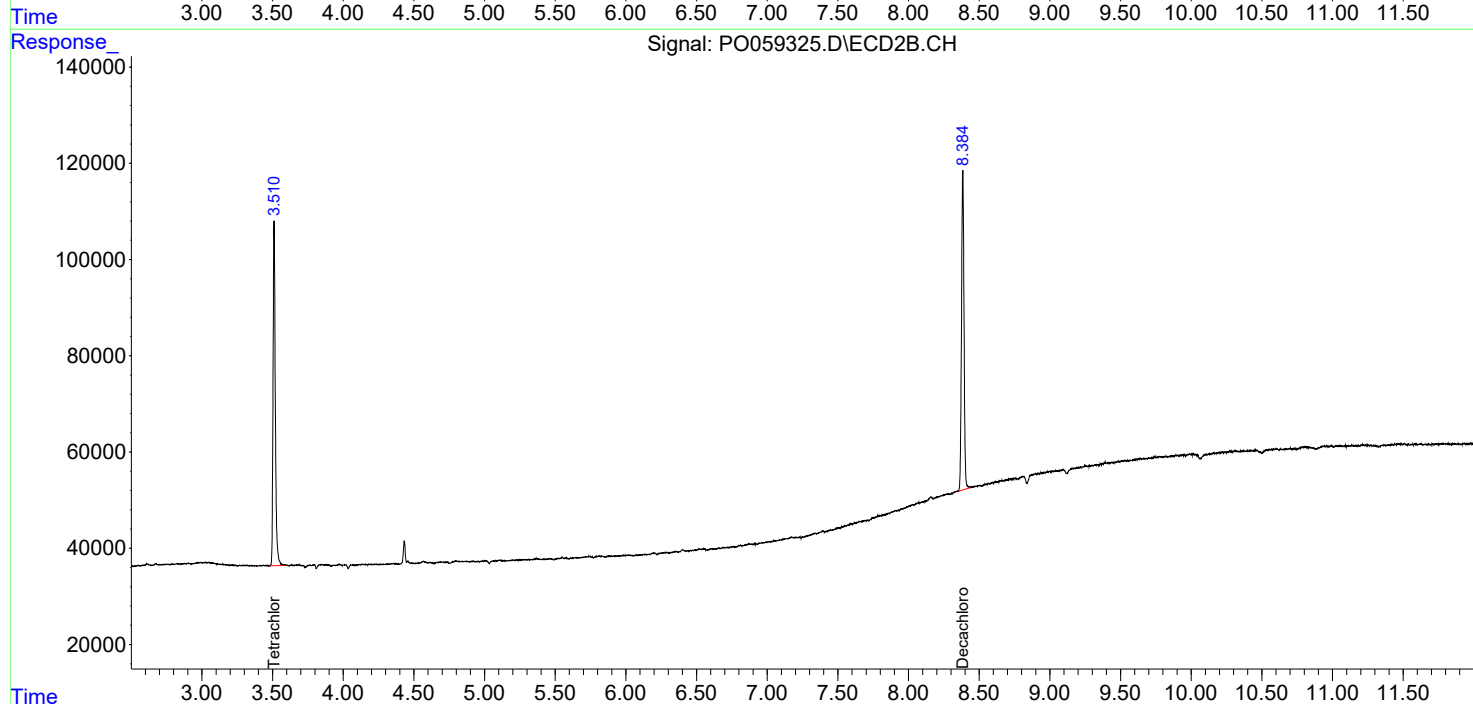
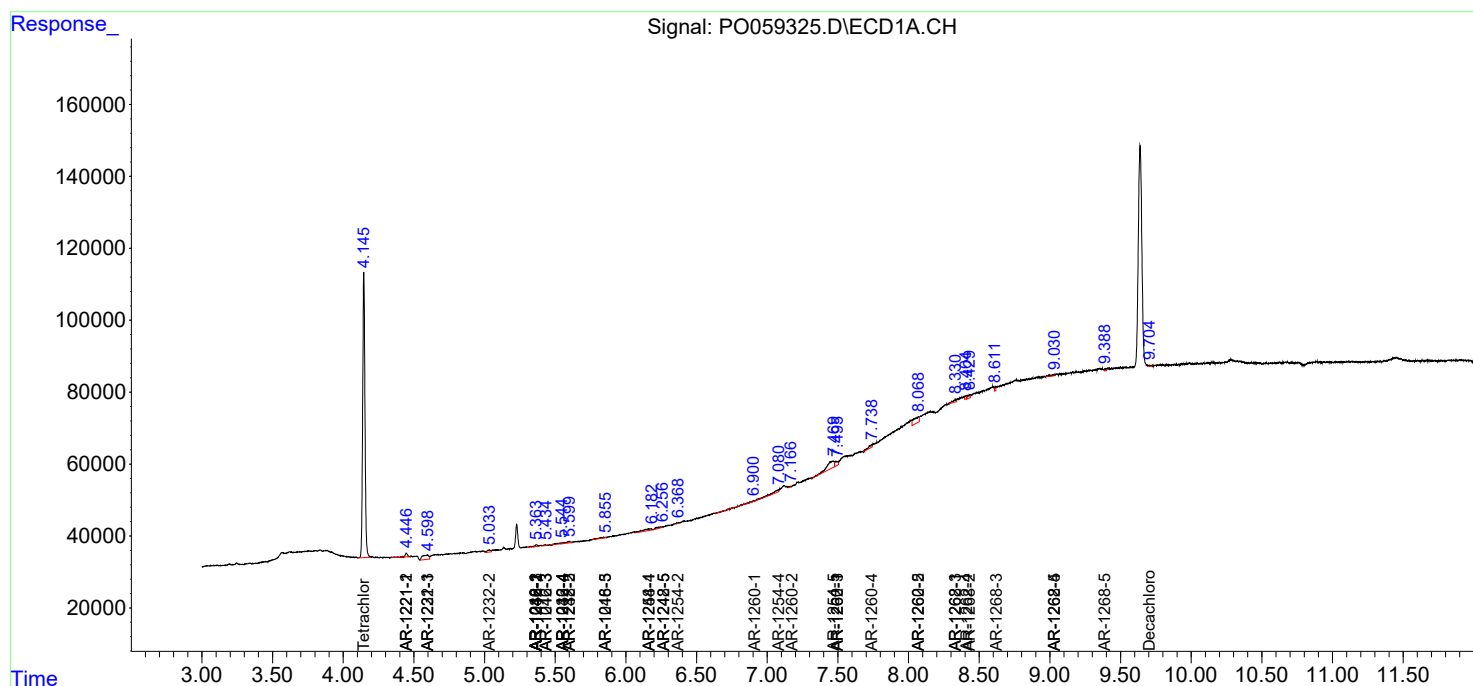
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

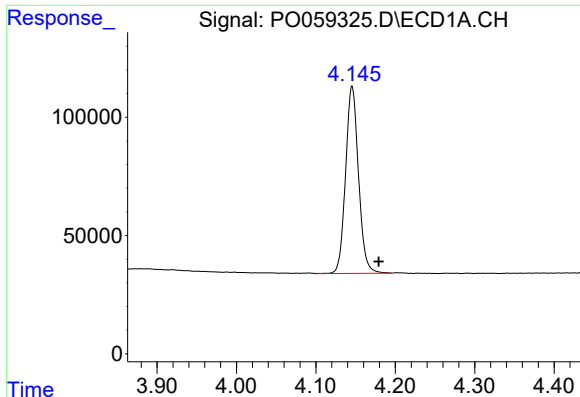
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
Data File : P0059325.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : K4347-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 09:39:41 2019
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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

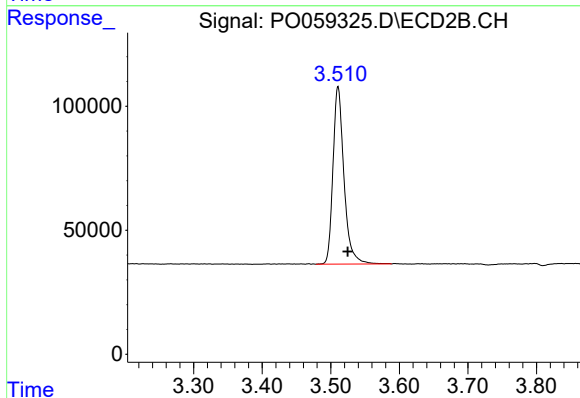




#1 Tetrachloro-m-xylene

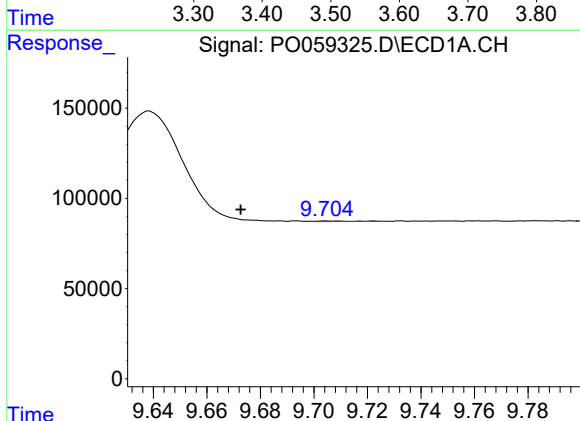
R.T.: 4.146 min
Delta R.T.: -0.033 min
Response: 893576
Conc: 21.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



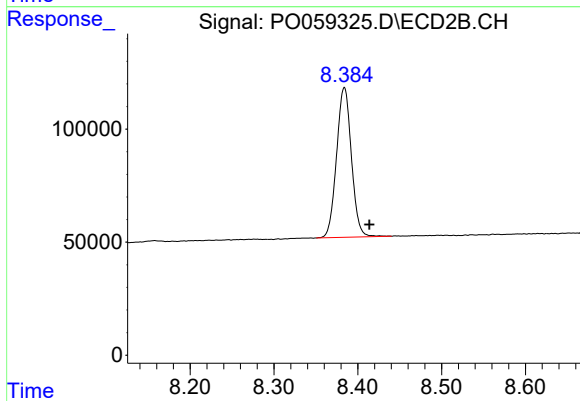
#1 Tetrachloro-m-xylene

R.T.: 3.511 min
Delta R.T.: -0.014 min
Response: 798057
Conc: 19.98 ng/ml



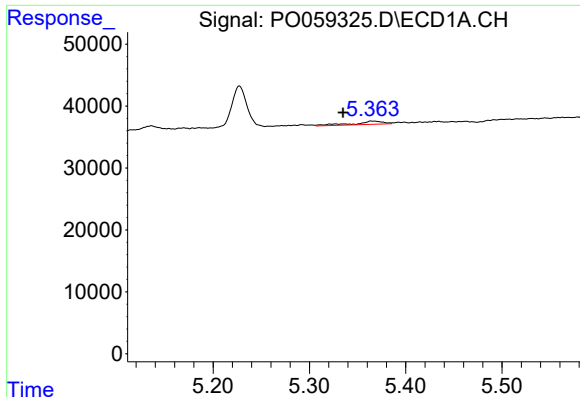
#2 Decachlorobiphenyl

R.T.: 9.704 min
Delta R.T.: 0.032 min
Response: 2993
Conc: 0.06 ng/ml



#2 Decachlorobiphenyl

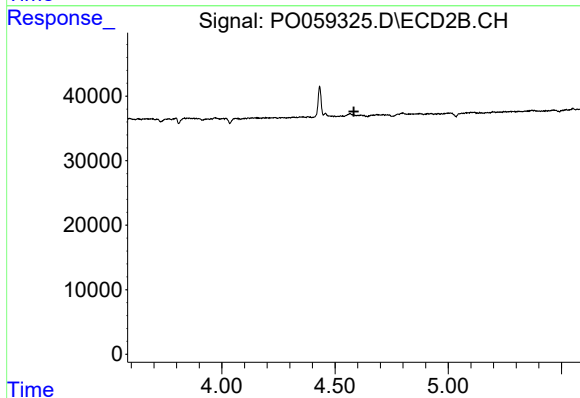
R.T.: 8.384 min
Delta R.T.: -0.030 min
Response: 816748
Conc: 20.69 ng/ml



#3 AR-1016-1

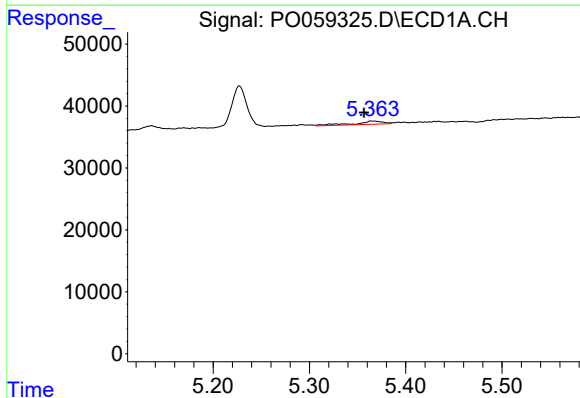
R.T.: 5.365 min
Delta R.T.: 0.030 min
Response: 11071
Conc: 5.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



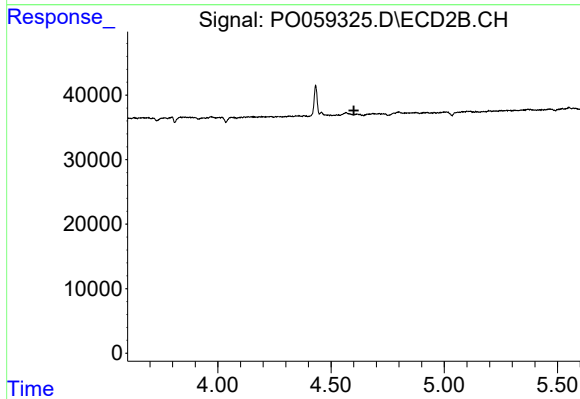
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



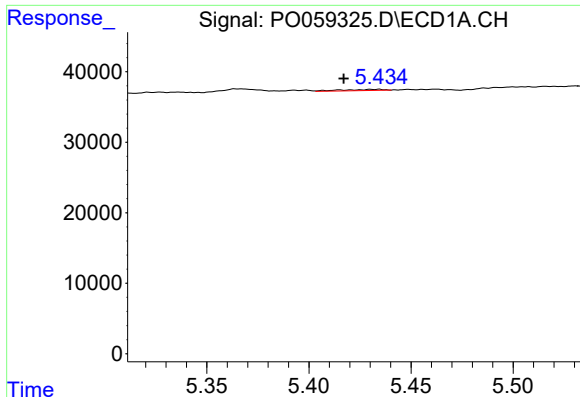
#4 AR-1016-2

R.T.: 5.365 min
Delta R.T.: 0.008 min
Response: 11071
Conc: 4.02 ng/ml



#4 AR-1016-2

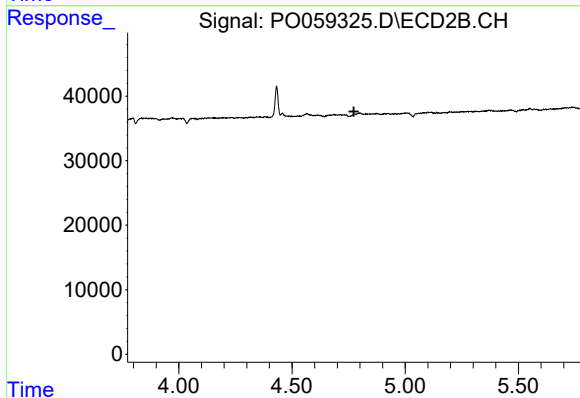
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

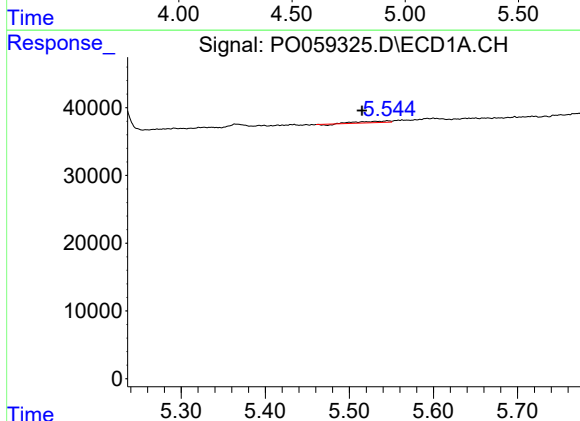
R.T.: 5.434 min
Delta R.T.: 0.017 min
Response: 2342
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



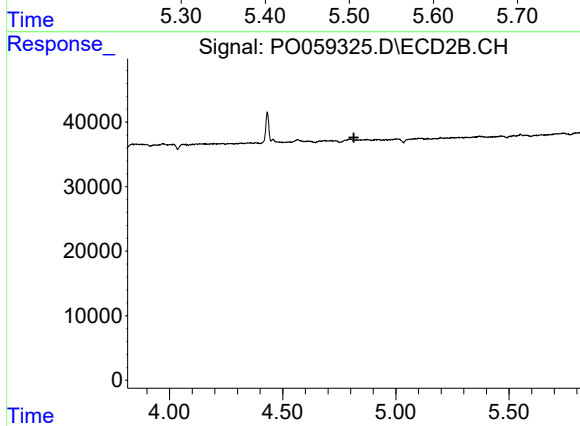
#5 AR-1016-3

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



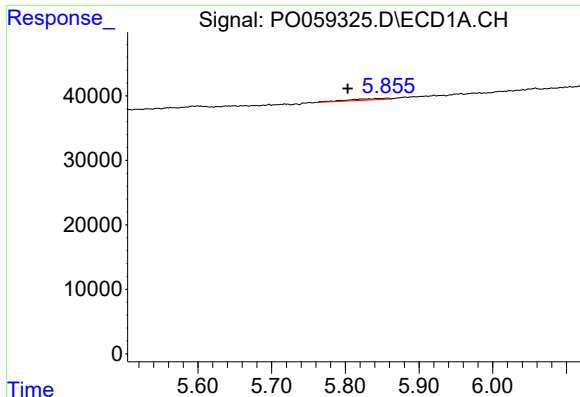
#6 AR-1016-4

R.T.: 5.545 min
Delta R.T.: 0.030 min
Response: 5139
Conc: 3.67 ng/ml



#6 AR-1016-4

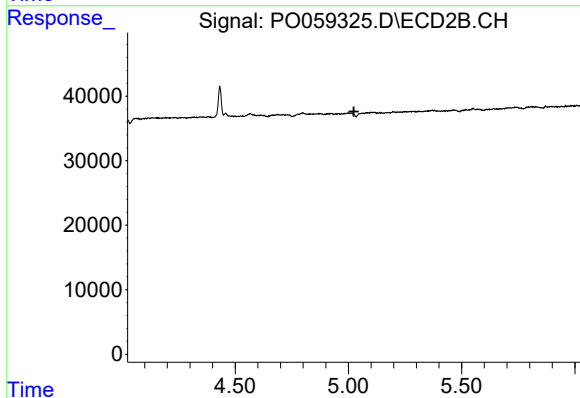
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

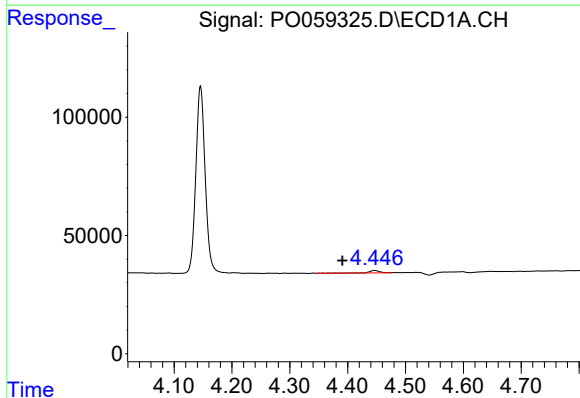
R.T.: 5.857 min
Delta R.T.: 0.053 min
Response: 7148
Conc: 4.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



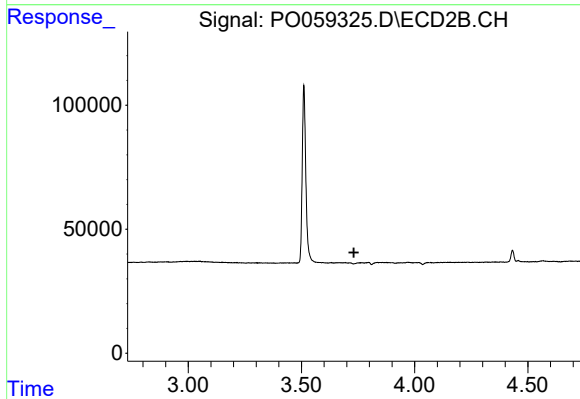
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



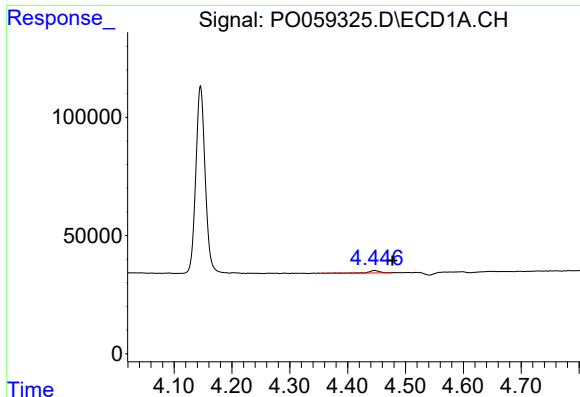
#8 AR-1221-1

R.T.: 4.446 min
Delta R.T.: 0.055 min
Response: 12295
Conc: 27.07 ng/ml



#8 AR-1221-1

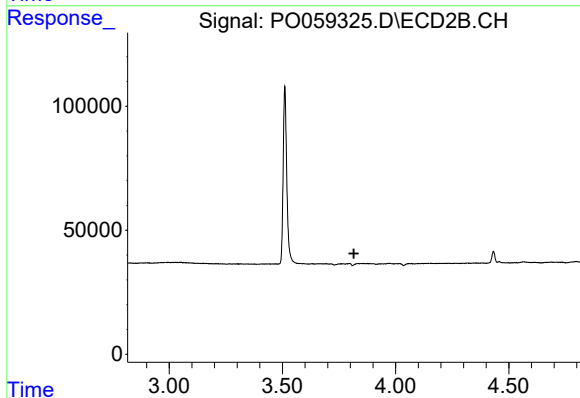
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

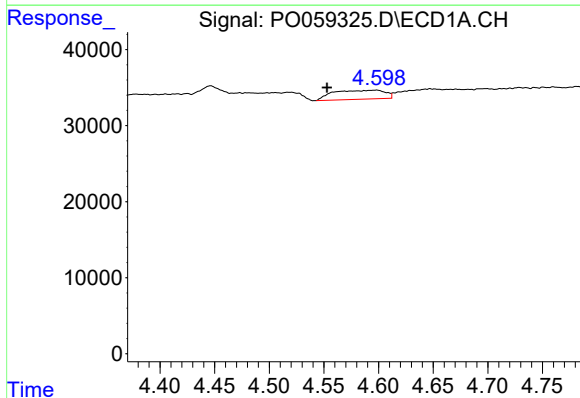
R.T.: 4.446 min
Delta R.T.: -0.031 min
Response: 12295
Conc: 35.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



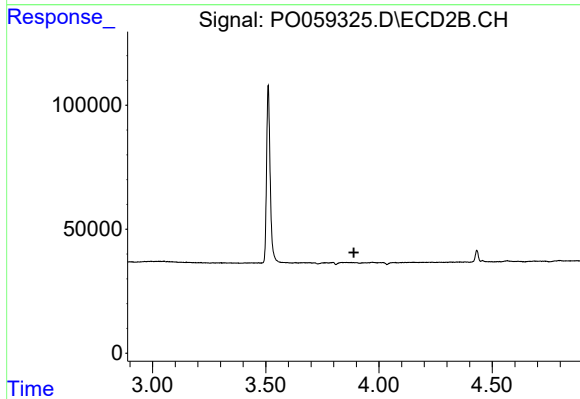
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



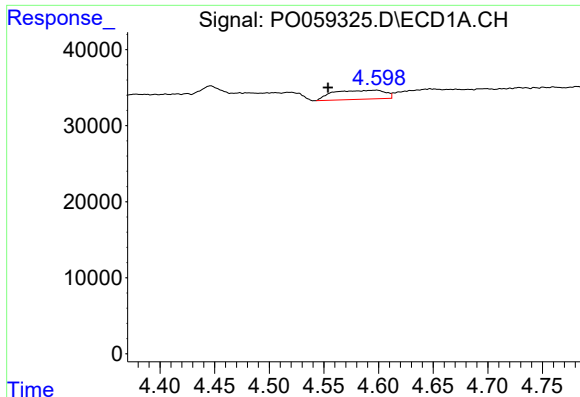
#10 AR-1221-3

R.T.: 4.598 min
Delta R.T.: 0.045 min
Response: 39105
Conc: 35.66 ng/ml



#10 AR-1221-3

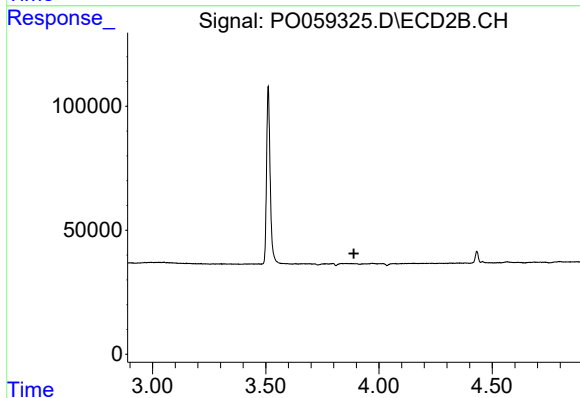
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

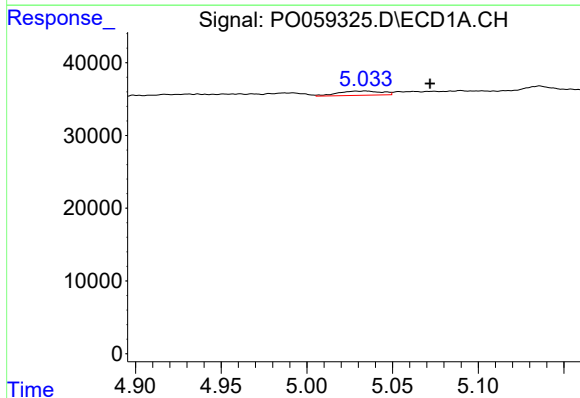
R.T.: 4.598 min
Delta R.T.: 0.044 min
Response: 39105
Conc: 43.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



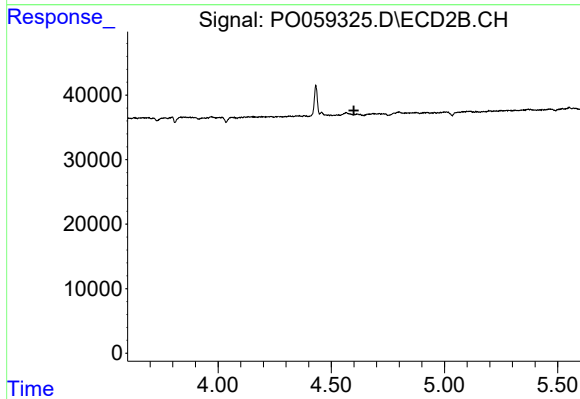
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



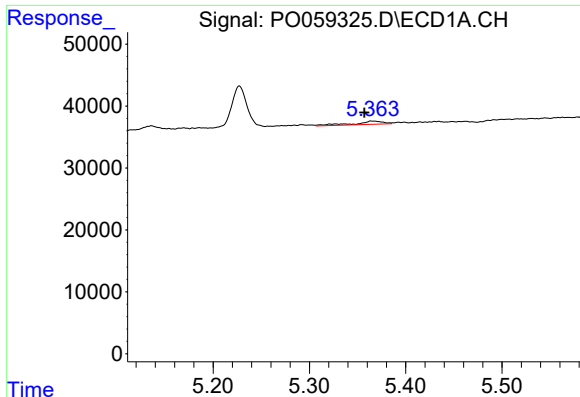
#12 AR-1232-2

R.T.: 5.034 min
Delta R.T.: -0.038 min
Response: 10319
Conc: 20.98 ng/ml



#12 AR-1232-2

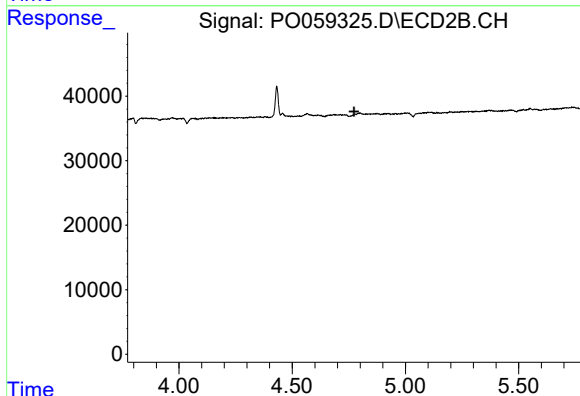
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

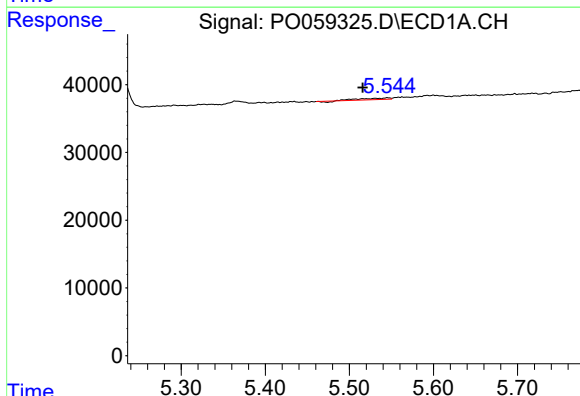
R.T.: 5.365 min
Delta R.T.: 0.008 min
Response: 11071
Conc: 10.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



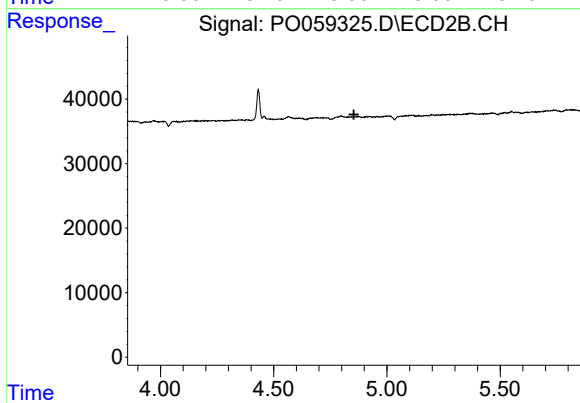
#13 AR-1232-3

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



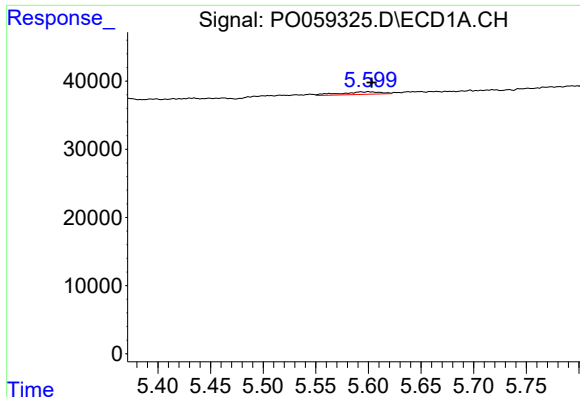
#14 AR-1232-4

R.T.: 5.545 min
Delta R.T.: 0.029 min
Response: 5139
Conc: 9.64 ng/ml



#14 AR-1232-4

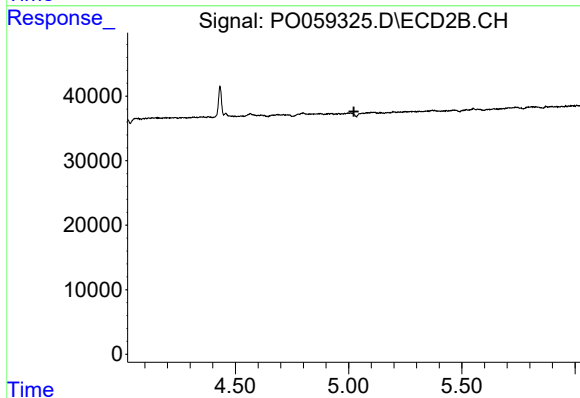
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

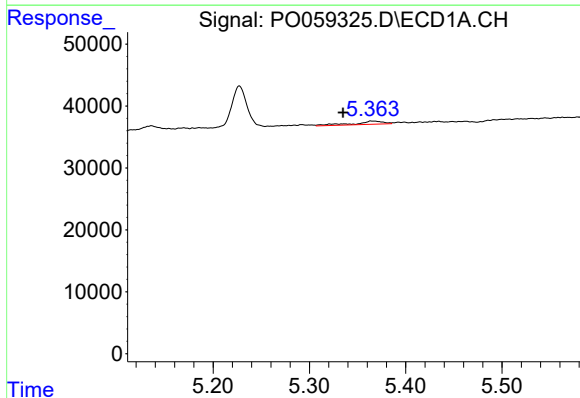
R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 10363
Conc: 25.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



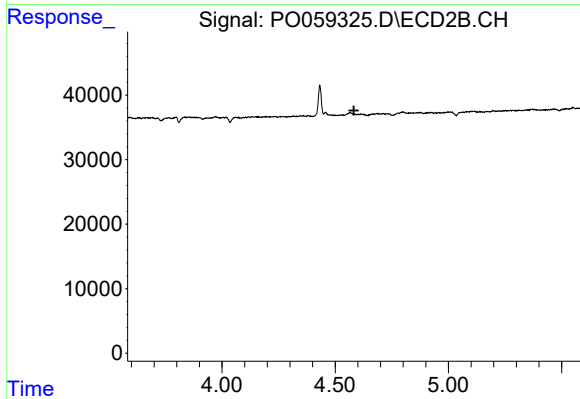
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



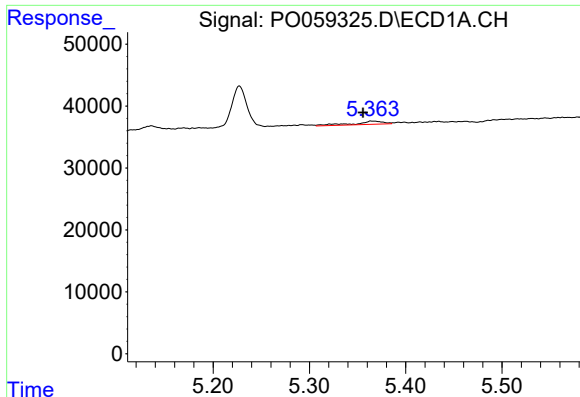
#16 AR-1242-1

R.T.: 5.365 min
Delta R.T.: 0.030 min
Response: 11071
Conc: 8.65 ng/ml



#16 AR-1242-1

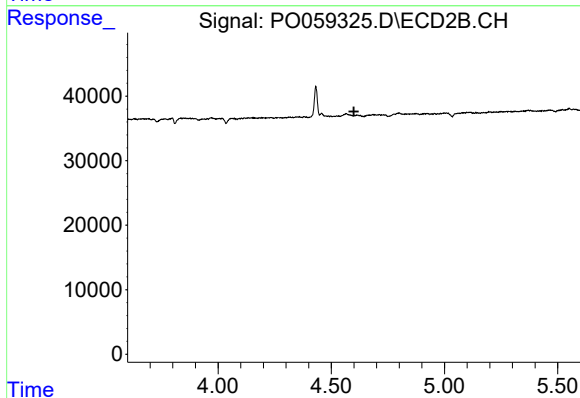
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

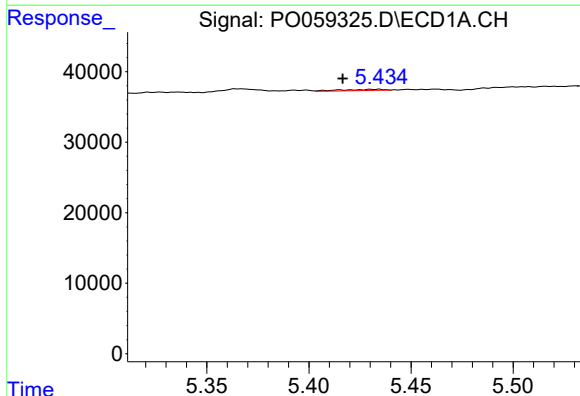
R.T.: 5.365 min
Delta R.T.: 0.009 min
Response: 11071
Conc: 5.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



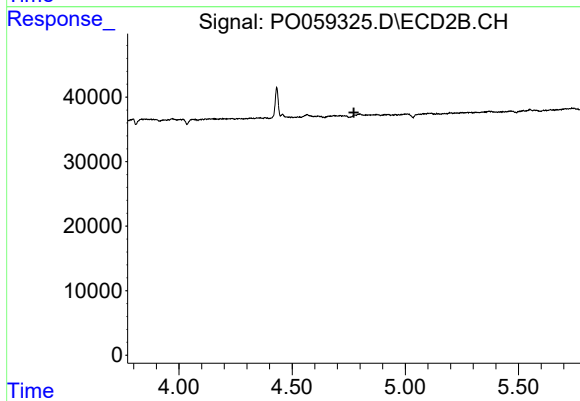
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



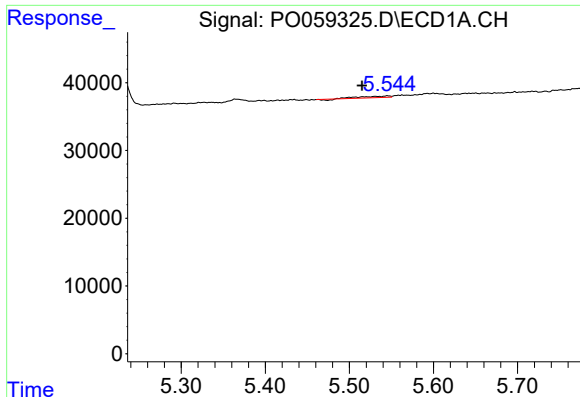
#18 AR-1242-3

R.T.: 5.434 min
Delta R.T.: 0.018 min
Response: 2342
Conc: 2.00 ng/ml



#18 AR-1242-3

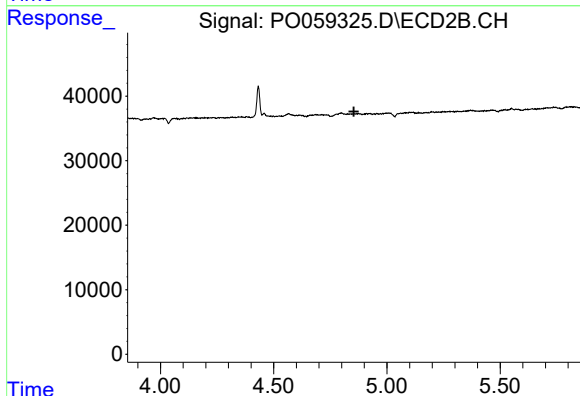
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

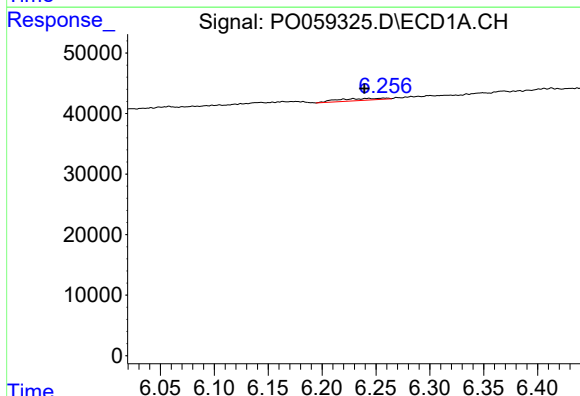
R.T.: 5.545 min
Delta R.T.: 0.030 min
Response: 5139
Conc: 5.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



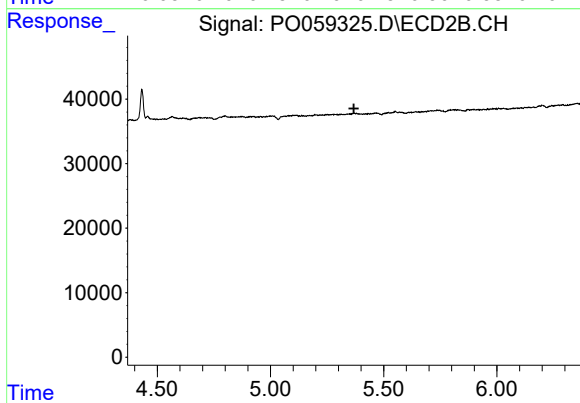
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



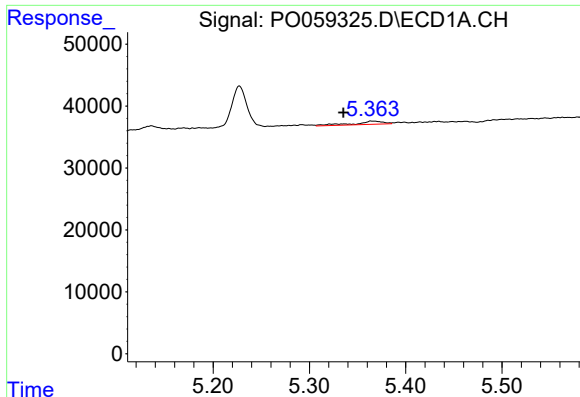
#20 AR-1242-5

R.T.: 6.258 min
Delta R.T.: 0.019 min
Response: 9544
Conc: 8.13 ng/ml



#20 AR-1242-5

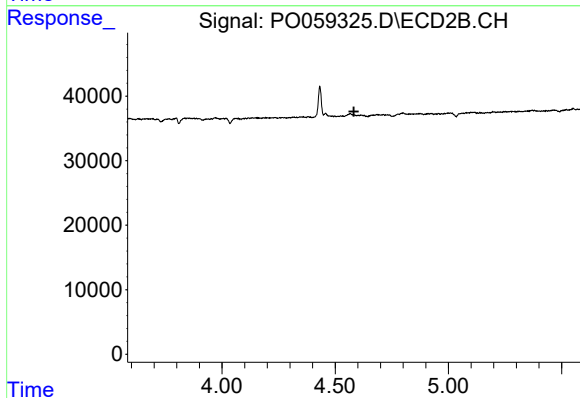
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

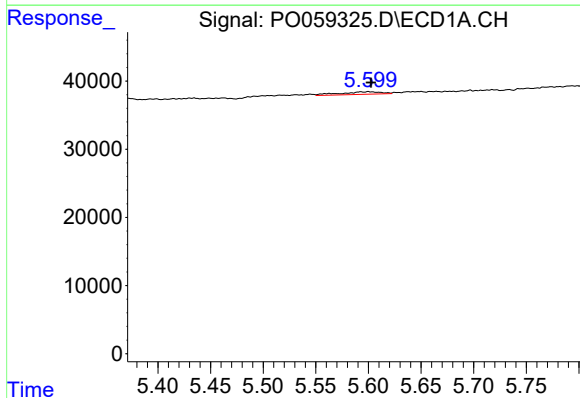
R.T.: 5.365 min
Delta R.T.: 0.030 min
Response: 11071
Conc: 10.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



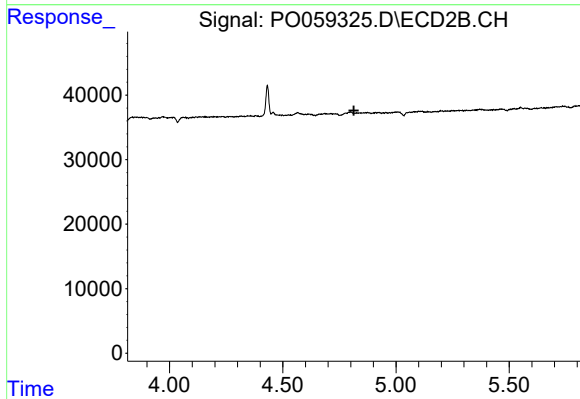
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



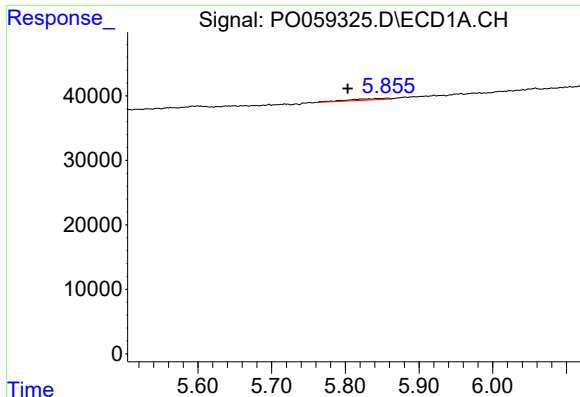
#22 AR-1248-2

R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 10363
Conc: 7.17 ng/ml



#22 AR-1248-2

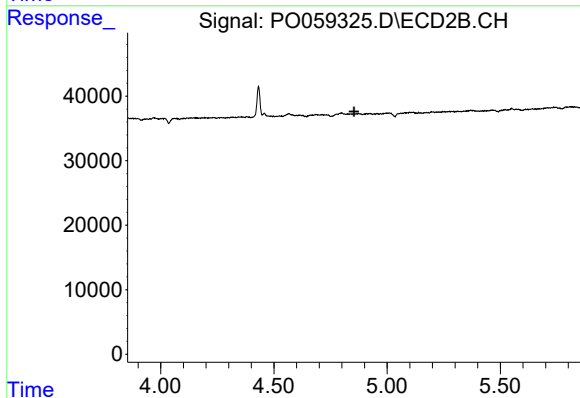
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

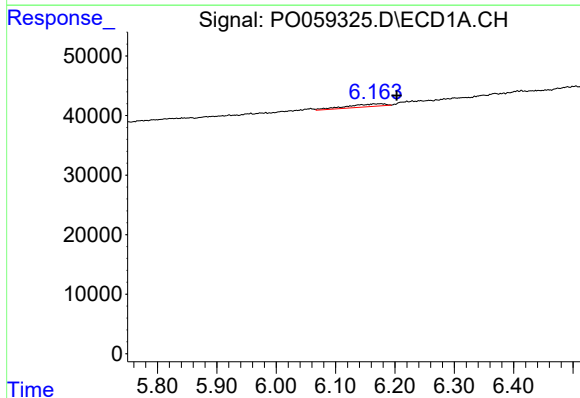
R.T.: 5.857 min
Delta R.T.: 0.053 min
Response: 7148
Conc: 4.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



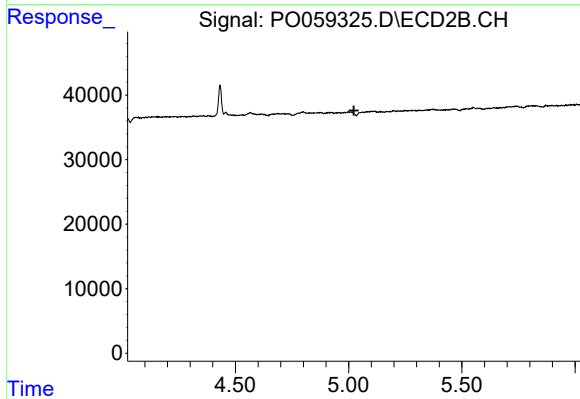
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



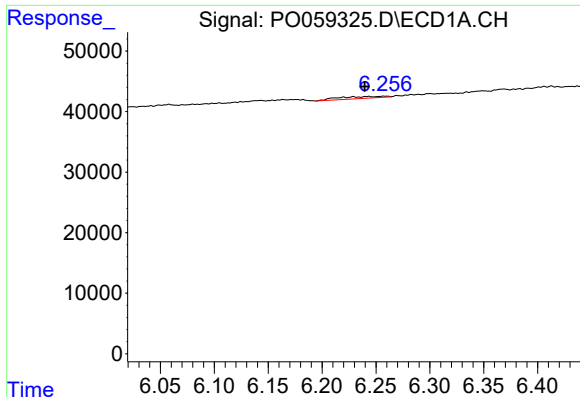
#24 AR-1248-4

R.T.: 6.164 min
Delta R.T.: -0.039 min
Response: 21551
Conc: 10.64 ng/ml



#24 AR-1248-4

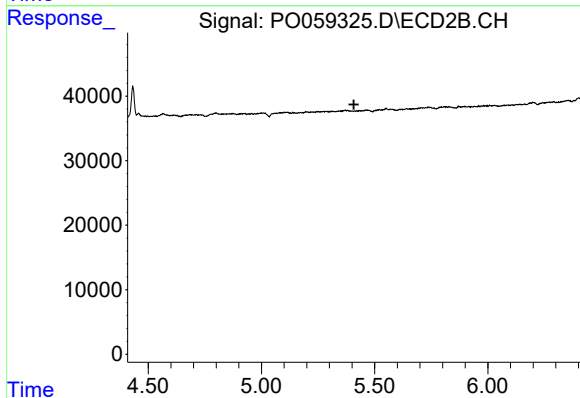
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

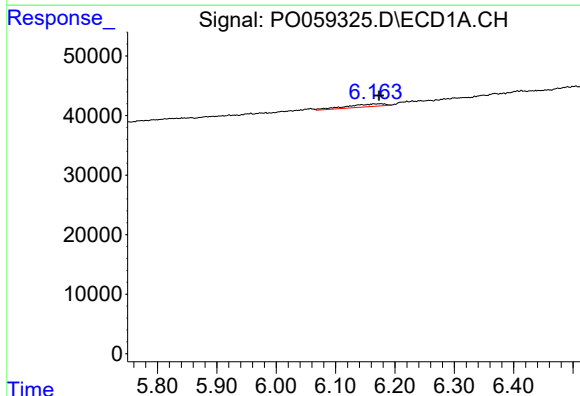
R.T.: 6.258 min
Delta R.T.: 0.019 min
Response: 9544
Conc: 4.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



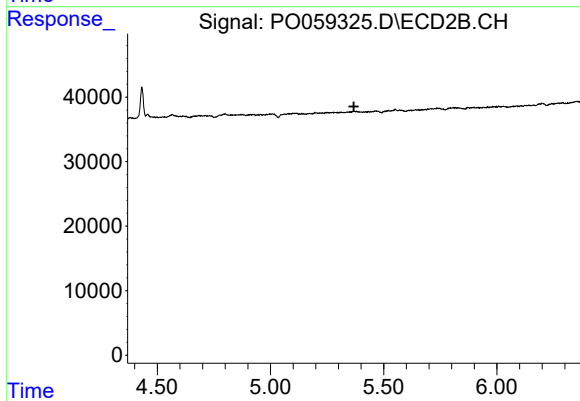
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



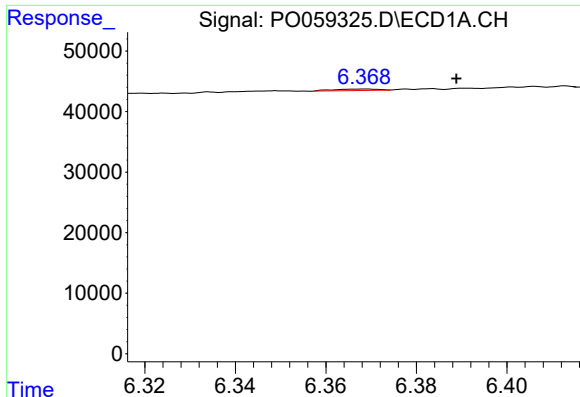
#26 AR-1254-1

R.T.: 6.164 min
Delta R.T.: -0.009 min
Response: 21551
Conc: 9.13 ng/ml



#26 AR-1254-1

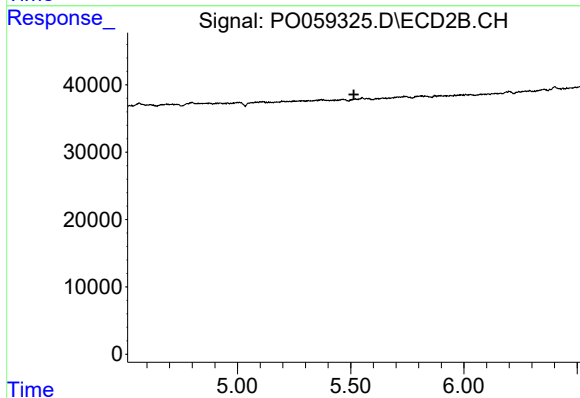
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

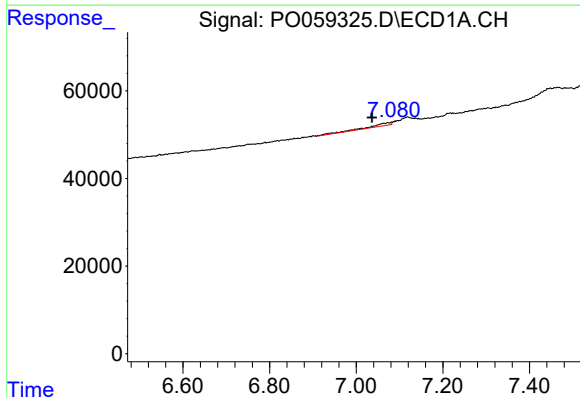
R.T.: 6.368 min
Delta R.T.: -0.020 min
Response: 1663
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



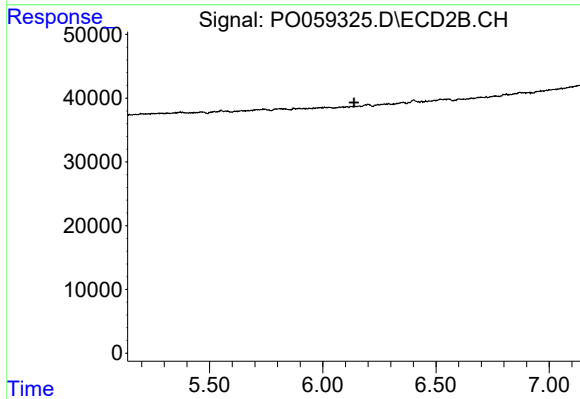
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



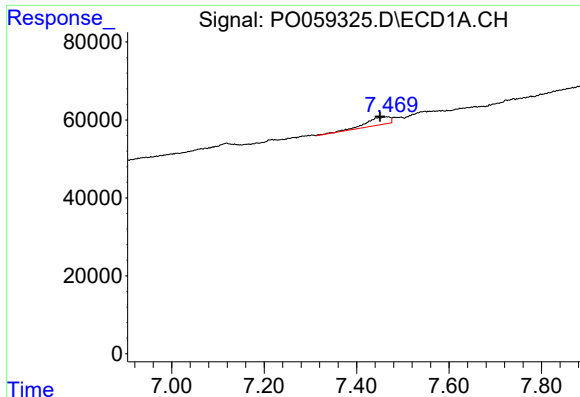
#29 AR-1254-4

R.T.: 7.073 min
Delta R.T.: 0.037 min
Response: 22538
Conc: 6.26 ng/ml



#29 AR-1254-4

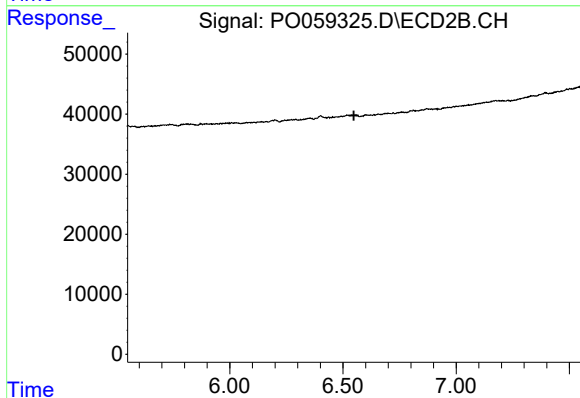
R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



#30 AR-1254-5

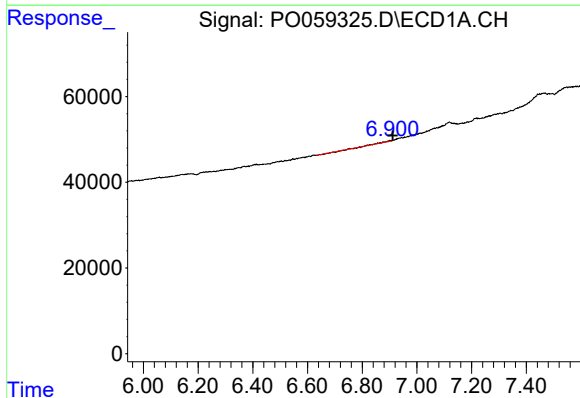
R.T.: 7.468 min
Delta R.T.: 0.018 min
Response: 71509
Conc: 19.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



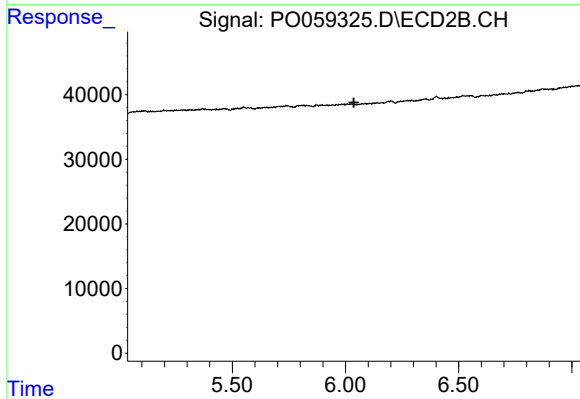
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



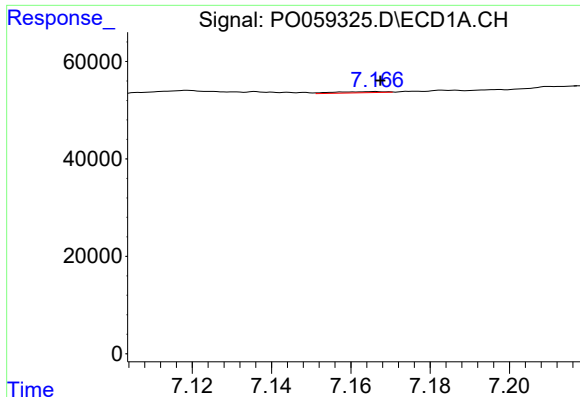
#31 AR-1260-1

R.T.: 6.901 min
Delta R.T.: -0.011 min
Response: 111
Conc: 0.04 ng/ml



#31 AR-1260-1

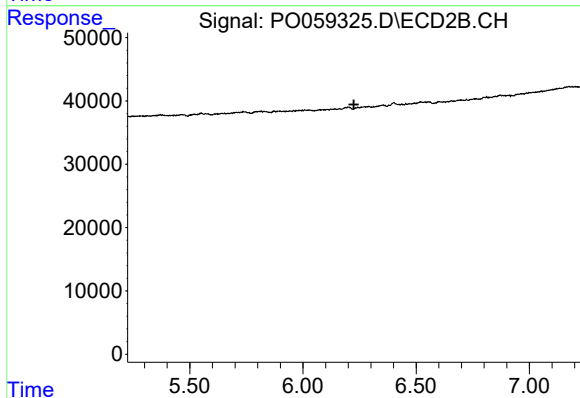
R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



#32 AR-1260-2

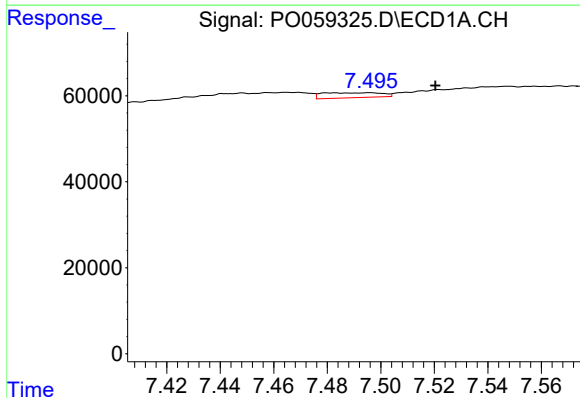
R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 1872
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



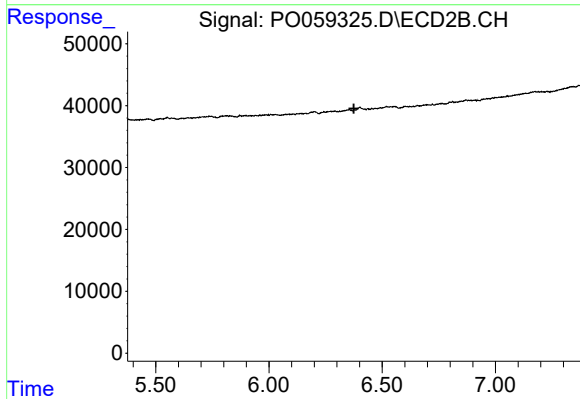
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



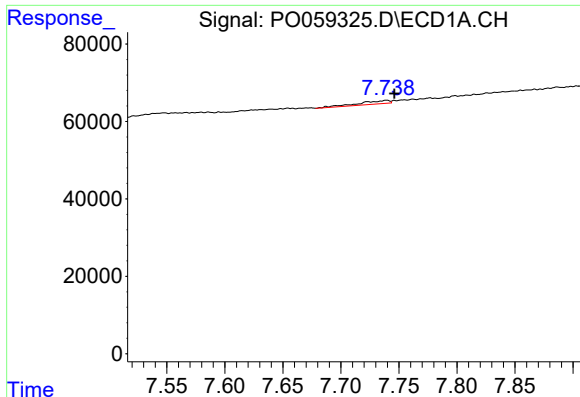
#33 AR-1260-3

R.T.: 7.496 min
Delta R.T.: -0.025 min
Response: 17953
Conc: 4.82 ng/ml



#33 AR-1260-3

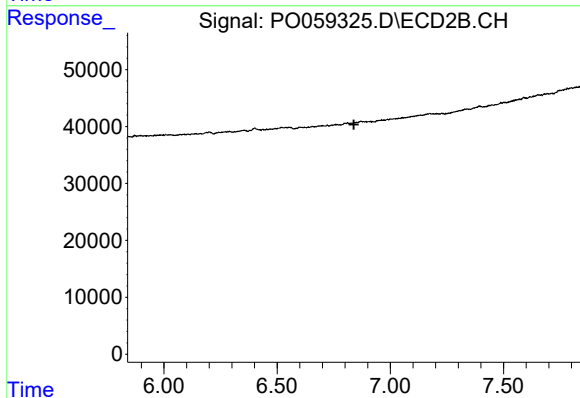
R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



#34 AR-1260-4

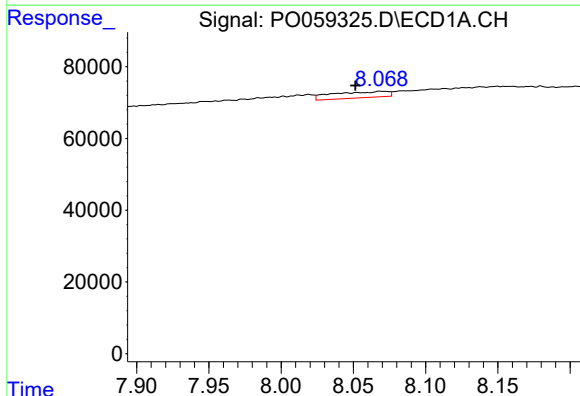
R.T.: 7.739 min
Delta R.T.: -0.007 min
Response: 16057
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



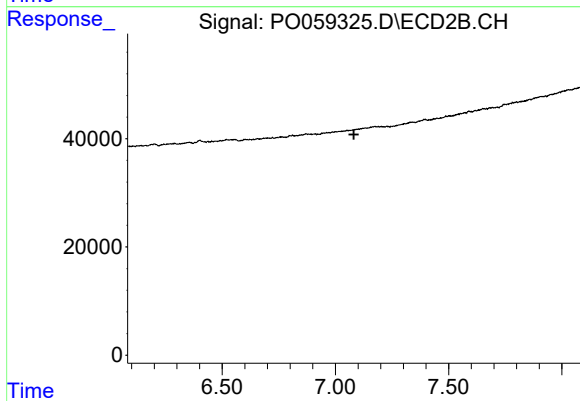
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



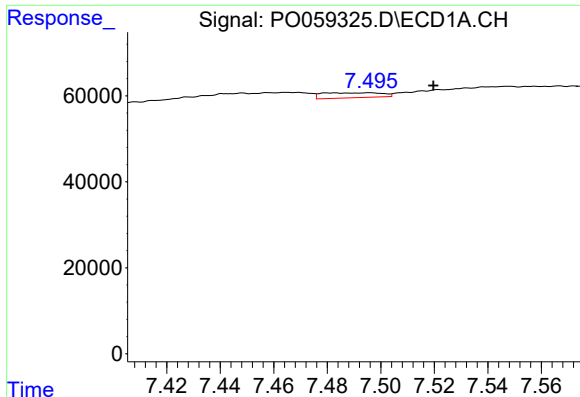
#35 AR-1260-5

R.T.: 8.069 min
Delta R.T.: 0.018 min
Response: 45375
Conc: 6.17 ng/ml



#35 AR-1260-5

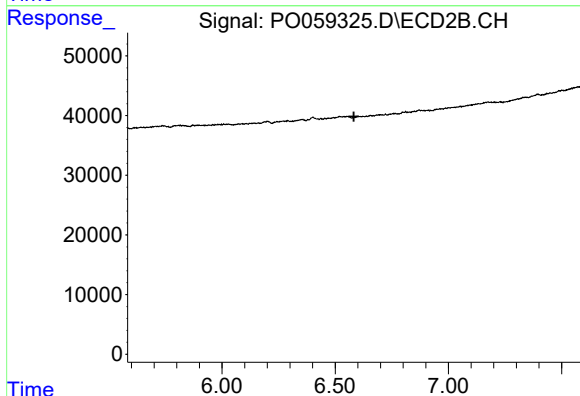
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#36 AR-1262-1

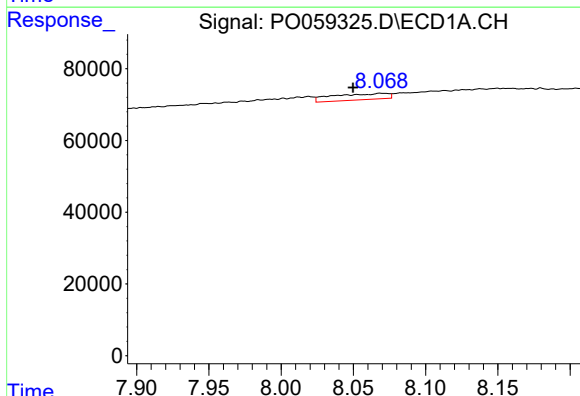
R.T.: 7.496 min
Delta R.T.: -0.024 min
Response: 17953
Conc: 3.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



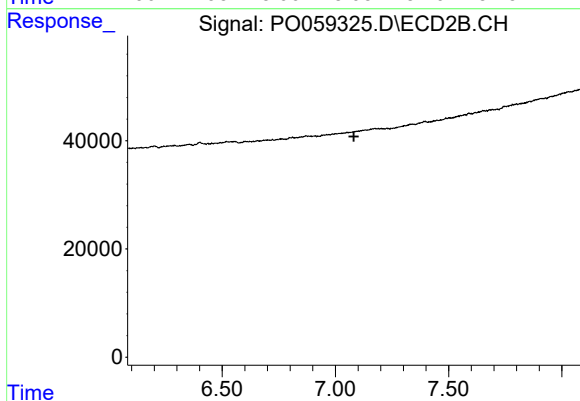
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



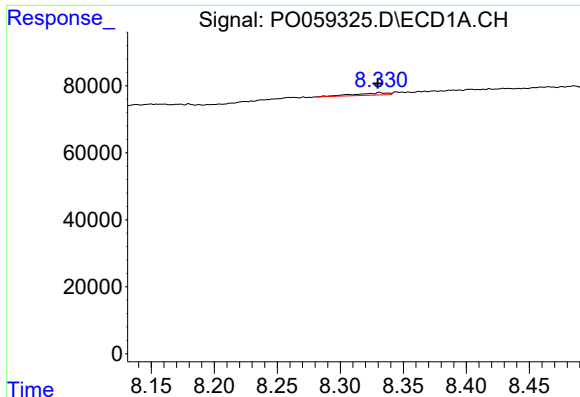
#37 AR-1262-2

R.T.: 8.069 min
Delta R.T.: 0.020 min
Response: 45375
Conc: 5.70 ng/ml



#37 AR-1262-2

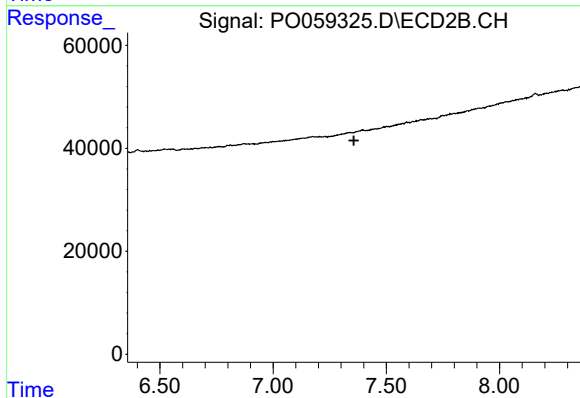
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#38 AR-1262-3

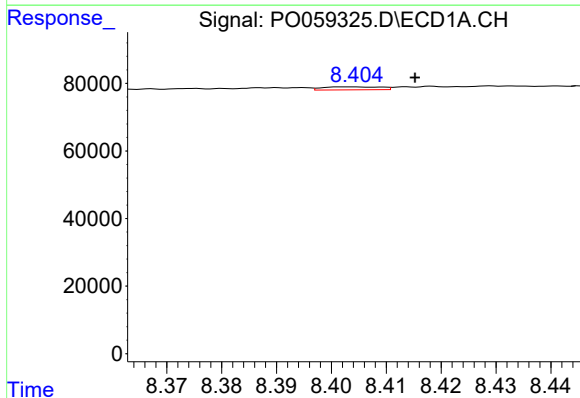
R.T.: 8.331 min
Delta R.T.: 0.001 min
Response: 12815
Conc: 2.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



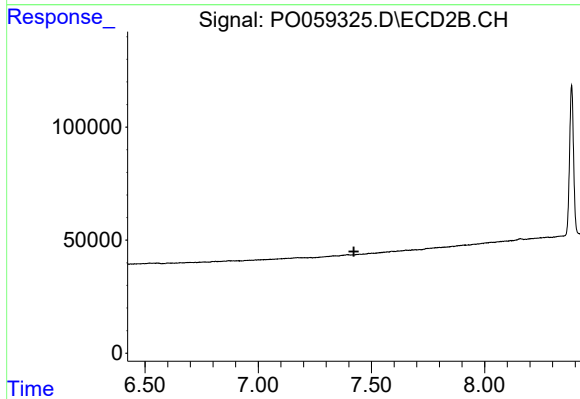
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



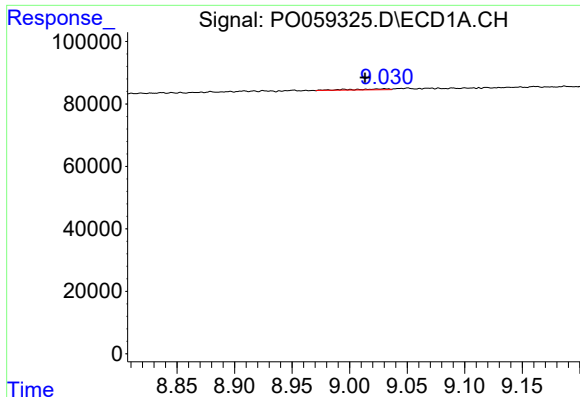
#39 AR-1262-4

R.T.: 8.403 min
Delta R.T.: -0.012 min
Response: 6690
Conc: 1.77 ng/ml



#39 AR-1262-4

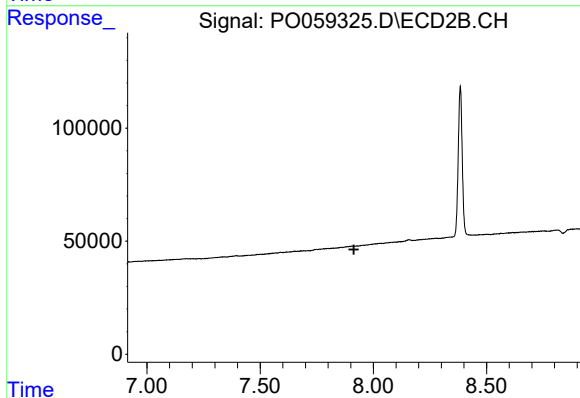
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#40 AR-1262-5

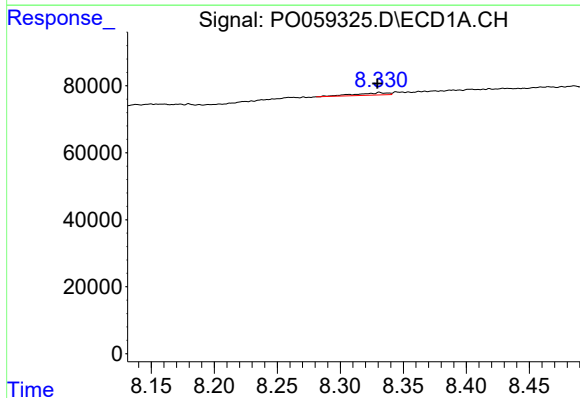
R.T.: 9.031 min
Delta R.T.: 0.017 min
Response: 6392
Conc: 2.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



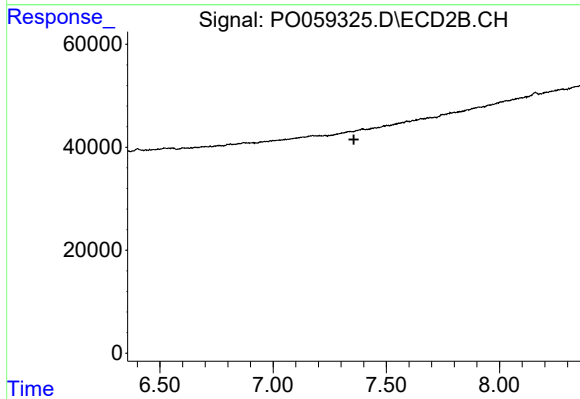
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



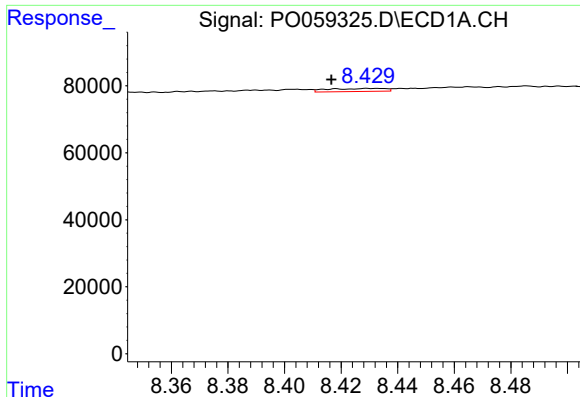
#41 AR-1268-1

R.T.: 8.331 min
Delta R.T.: 0.002 min
Response: 12815
Conc: 1.15 ng/ml



#41 AR-1268-1

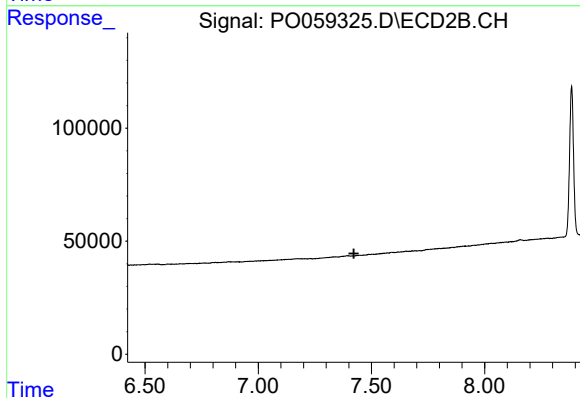
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#42 AR-1268-2

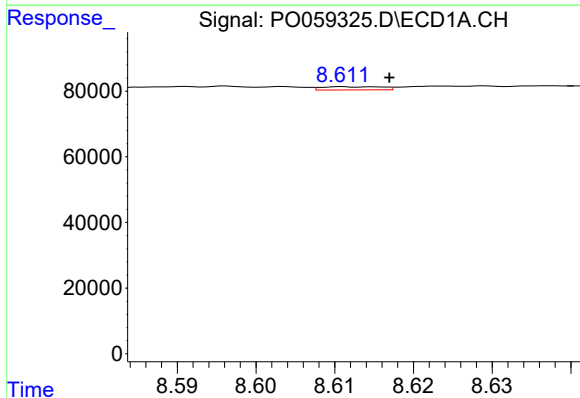
R.T.: 8.430 min
Delta R.T.: 0.013 min
Response: 12774
Conc: 1.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



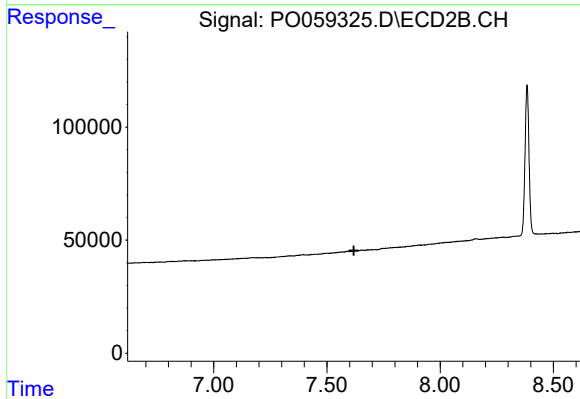
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



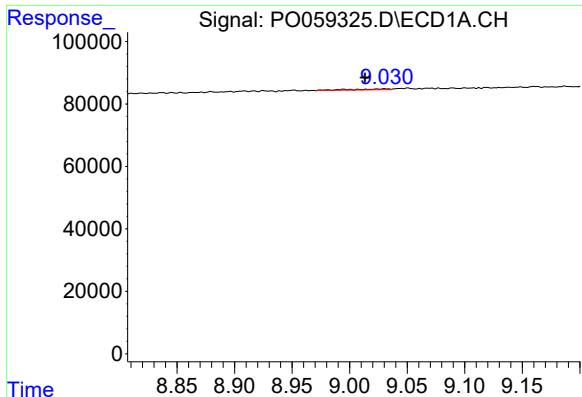
#43 AR-1268-3

R.T.: 8.612 min
Delta R.T.: -0.005 min
Response: 5345
Conc: 0.65 ng/ml



#43 AR-1268-3

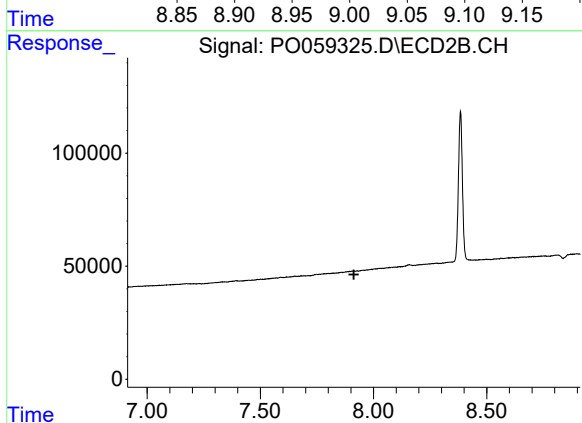
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#44 AR-1268-4

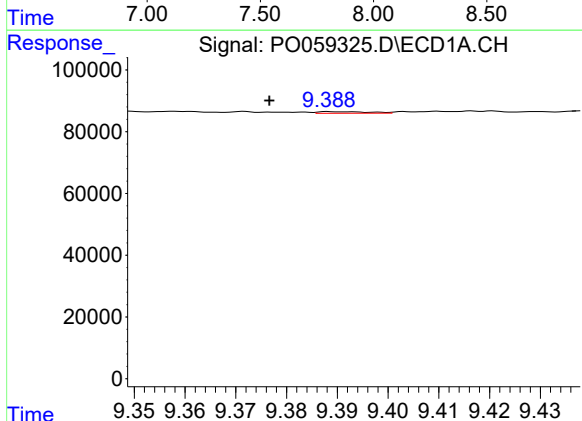
R.T.: 9.031 min
Delta R.T.: 0.017 min
Response: 6392
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



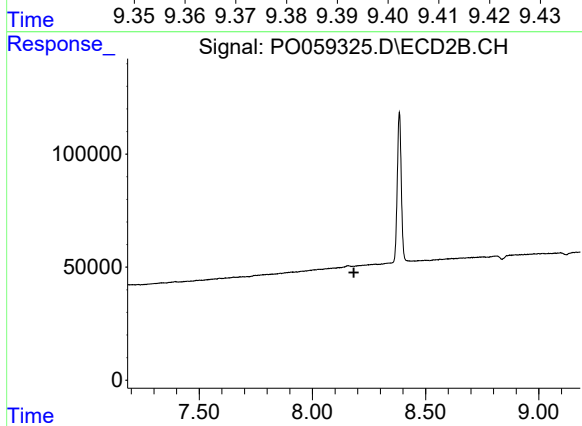
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.389 min
Delta R.T.: 0.013 min
Response: 3647
Conc: 0.17 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.