

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0013020\
 Data File : P0066142.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Jan 2020 8:51
 Operator : DD\AJ
 Sample : L1274-01RE
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 12:30:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 31 01:14:46 2020
 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...	4.153	3.430	949750	1613319	32.603	39.441
2)	SA Decachlor...	9.644	8.324	768853	1036415	19.510	17.683
Target Compounds							
3)	L1 AR-1016-1	5.325	4.447	180155	23500	137.094	13.504 #
4)	L1 AR-1016-2	5.325	4.447	180155	23500	91.744	8.522 #
5)	L1 AR-1016-3	5.383	4.681	90011	42543	76.040	30.559 #
6)	L1 AR-1016-4	5.494	4.730	70172	89806	70.952	77.733
7)	L1 AR-1016-5	5.753	4.940	83405	447561	82.442	300.079 #
9)	L2 AR-1221-2	4.454	3.721	15427	31542	58.743	84.712 #
10)	L2 AR-1221-3	4.454	0.000	15427	0	17.645	N.D. #
11)	L3 AR-1232-1	4.454	0.000	15427	0	22.779	N.D. #
12)	L3 AR-1232-2	0.000	4.447	0	23500	N.D.	21.212 #
13)	L3 AR-1232-3	5.325	4.681	180155	42543	221.108	76.311 #
14)	L3 AR-1232-4	5.494	4.780	70172	54800	171.433	113.545 #
15)	L3 AR-1232-5	5.574	4.940	33647	447561	122.872	867.760 #
16)	L4 AR-1242-1	5.325	4.447	180155	23500	177.877	17.717 #
17)	L4 AR-1242-2	5.325	4.447	180155	23500	121.532	11.083 #
18)	L4 AR-1242-3	5.383	4.681	90011	42543	98.775	40.026 #
19)	L4 AR-1242-4	5.494	4.780	70172	54800	91.958	53.310 #
20)	L4 AR-1242-5	6.230	5.296	82718	104896	89.188	75.858
21)	L5 AR-1248-1	5.325	4.447	180155	23500	236.314	22.621 #
22)	L5 AR-1248-2	5.574	4.730	33647	89806	31.032	60.448 #
23)	L5 AR-1248-3	5.753	4.780	83405	54800	68.304	36.650 #
24)	L5 AR-1248-4	6.175	4.940	29217	447561	18.511	247.914 #
25)	L5 AR-1248-5	6.230	5.324	82718	42916	55.643	21.945 #
26)	L6 AR-1254-1	6.143	5.296	58782	104896	37.833	32.954
27)	L6 AR-1254-2	6.361	5.411	90570	129846	36.449	44.244
28)	L6 AR-1254-3	6.732	5.814	122745	44046	45.936	9.591 #
29)	L6 AR-1254-4	7.005	6.042	35895	42930	15.545	13.625
30)	L6 AR-1254-5	7.417	0.000	37854	0	16.590	N.D. #
31)	L7 AR-1260-1	6.880	5.947	72702	59387	36.262	18.461 #
32)	L7 AR-1260-2	7.142	6.121	207844	111665	75.436	24.783 #
33)	L7 AR-1260-3	7.532	6.314	23979	163046	10.473	43.254 #
34)	L7 AR-1260-4	7.729	6.756	36823	51914	16.154	16.588
35)	L7 AR-1260-5	0.000	6.991	0	39949	N.D.	4.824 #
36)	L8 AR-1262-1	7.532	0.000	23979	0	7.272	N.D. #
37)	L8 AR-1262-2	0.000	6.991	0	39949	N.D.	4.221 #
38)	L8 AR-1262-3	0.000	7.274	0	28722	N.D.	7.463 #
39)	L8 AR-1262-4	0.000	7.319	0	94051	N.D.	14.311 #
40)	L8 AR-1262-5	0.000	7.776	0	5721	N.D.	2.028 #
41)	L9 AR-1268-1	0.000	7.274	0	28722	N.D.	2.392 #
42)	L9 AR-1268-2	0.000	7.319	0	94051	N.D.	9.107 #

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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	0.000	7.532	0	14191	N.D.	1.629 #
44) L9	AR-1268-4	0.000	7.776	0	5721	N.D.	1.732 #

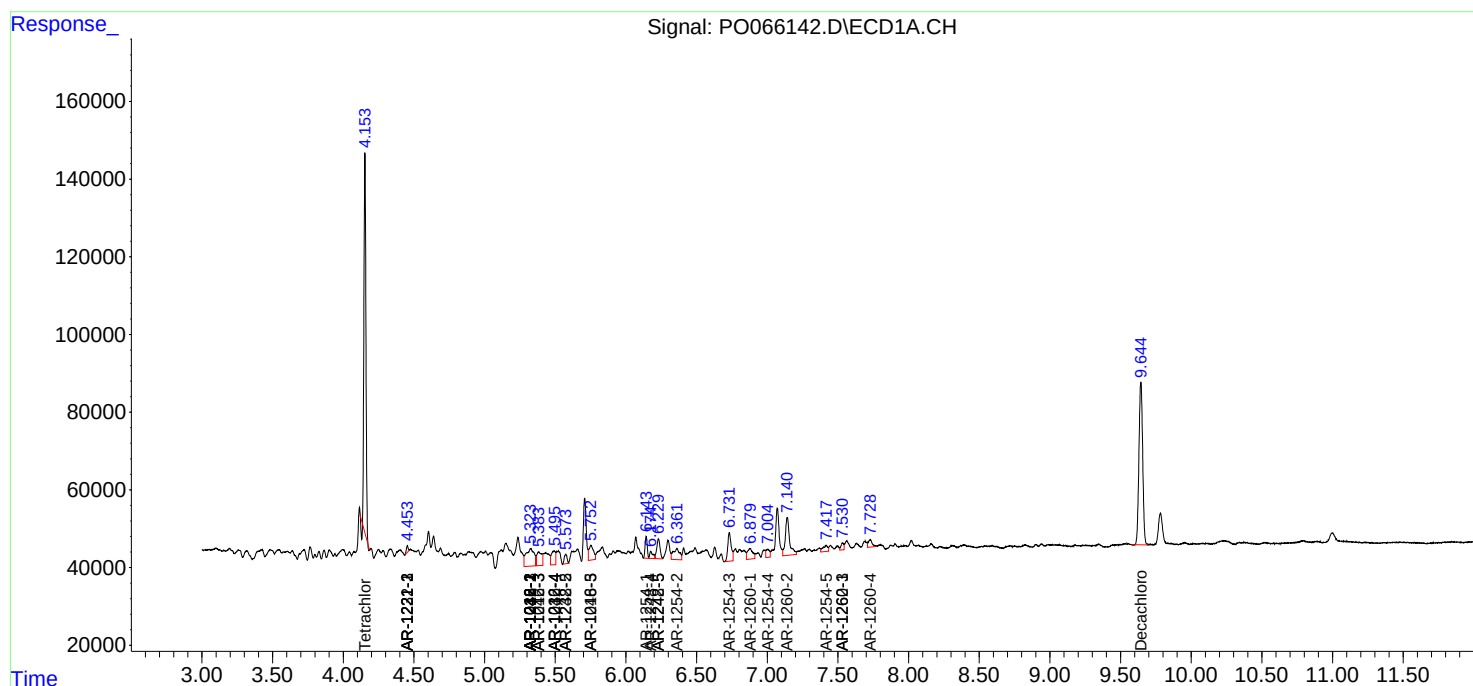
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

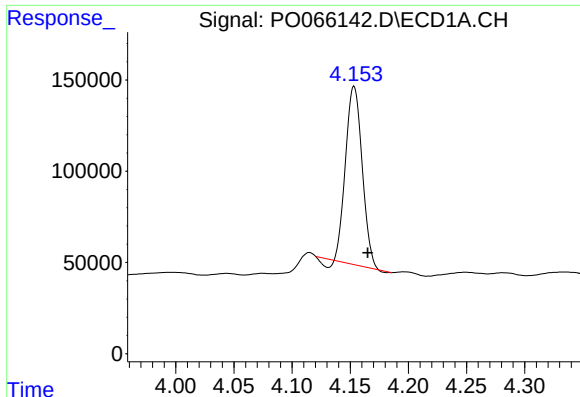
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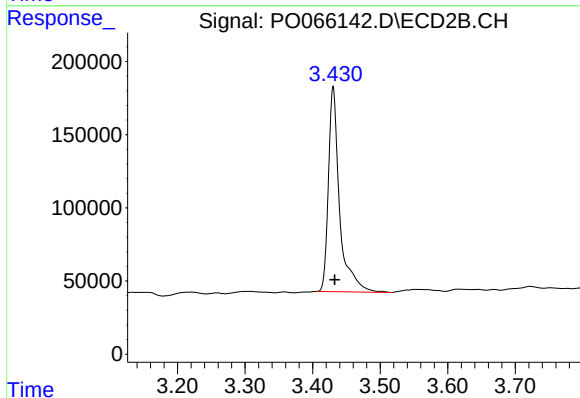




#1 Tetrachloro-m-xylene

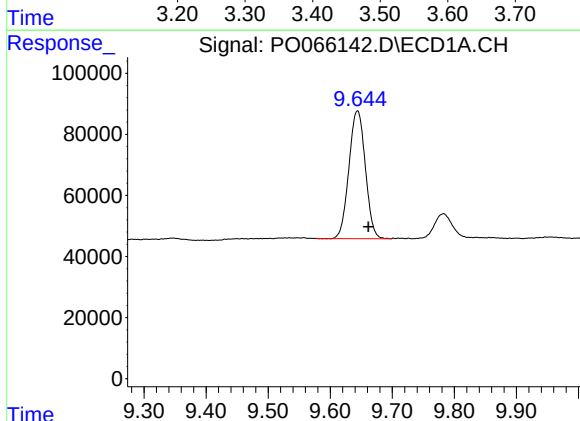
R.T.: 4.153 min
Delta R.T.: -0.012 min
Response: 949750
Conc: 32.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



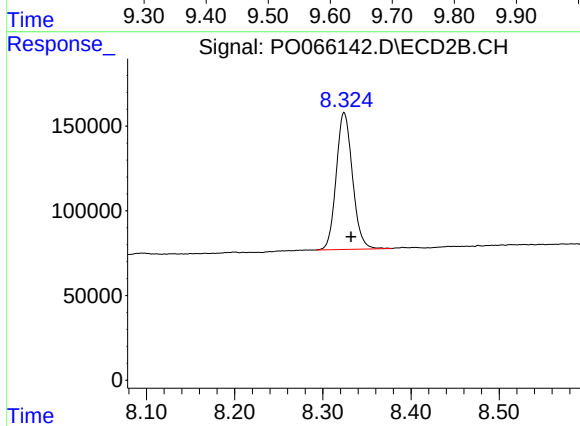
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: -0.002 min
Response: 1613319
Conc: 39.44 ng/ml



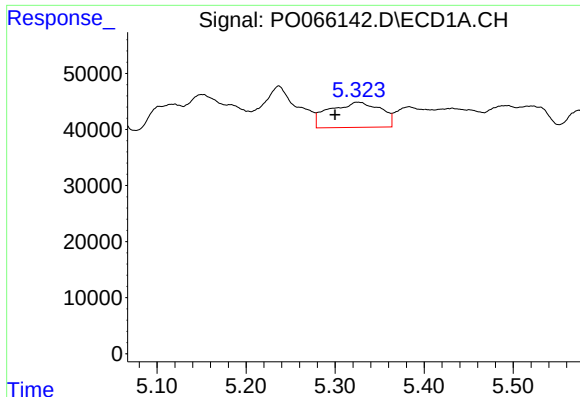
#2 Decachlorobiphenyl

R.T.: 9.644 min
Delta R.T.: -0.017 min
Response: 768853
Conc: 19.51 ng/ml



#2 Decachlorobiphenyl

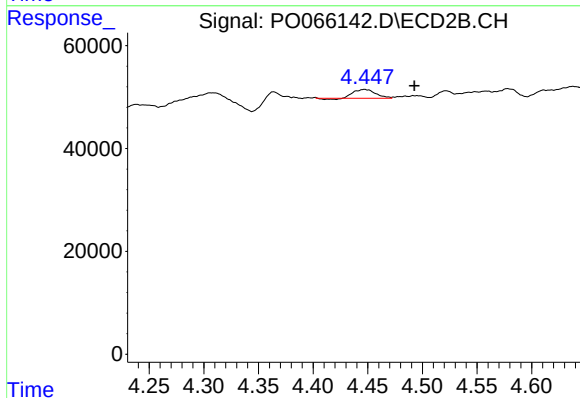
R.T.: 8.324 min
Delta R.T.: -0.008 min
Response: 1036415
Conc: 17.68 ng/ml



#3 AR-1016-1

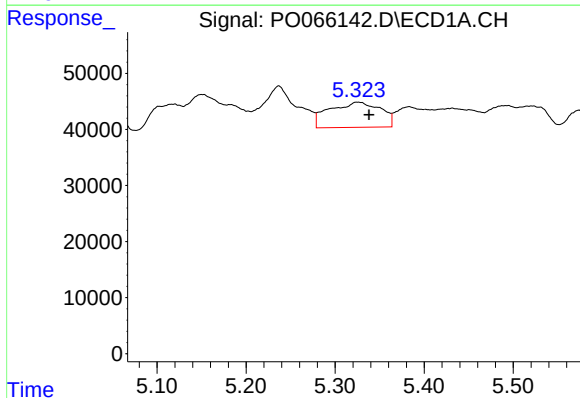
R.T.: 5.325 min
Delta R.T.: 0.025 min
Response: 180155
Conc: 137.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



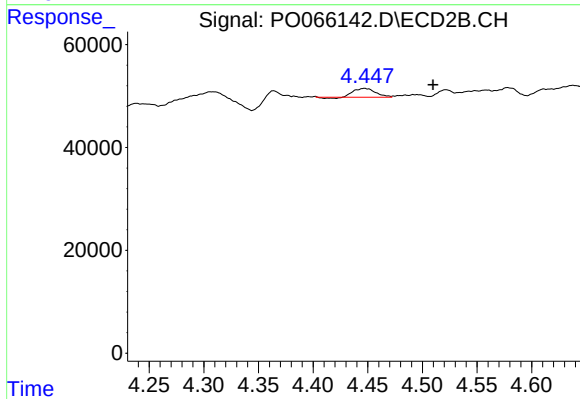
#3 AR-1016-1

R.T.: 4.447 min
Delta R.T.: -0.046 min
Response: 23500
Conc: 13.50 ng/ml



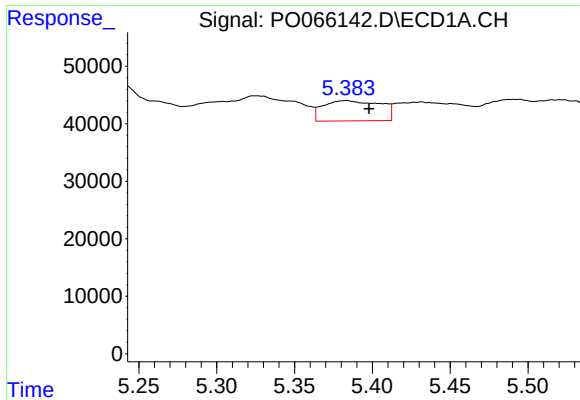
#4 AR-1016-2

R.T.: 5.325 min
Delta R.T.: -0.013 min
Response: 180155
Conc: 91.74 ng/ml



#4 AR-1016-2

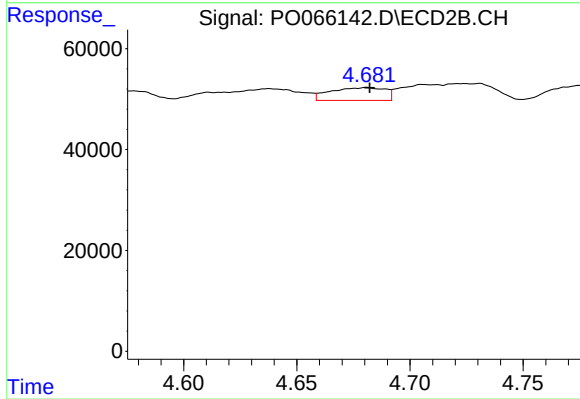
R.T.: 4.447 min
Delta R.T.: -0.063 min
Response: 23500
Conc: 8.52 ng/ml



#5 AR-1016-3

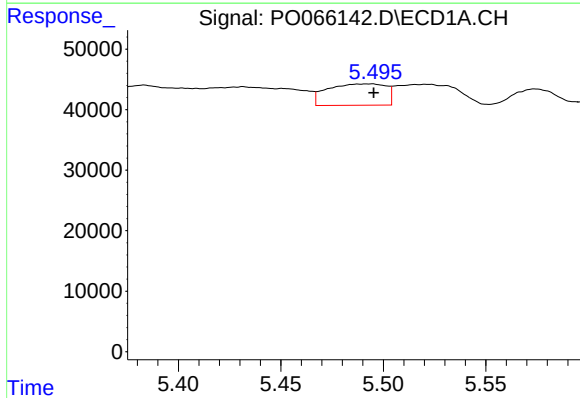
R.T.: 5.383 min
Delta R.T.: -0.015 min
Response: 90011
Conc: 76.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



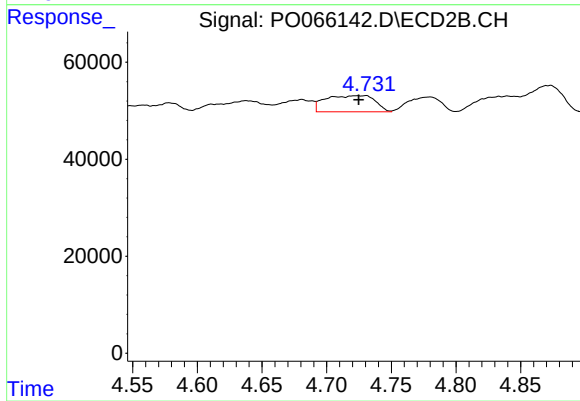
#5 AR-1016-3

R.T.: 4.681 min
Delta R.T.: -0.001 min
Response: 42543
Conc: 30.56 ng/ml



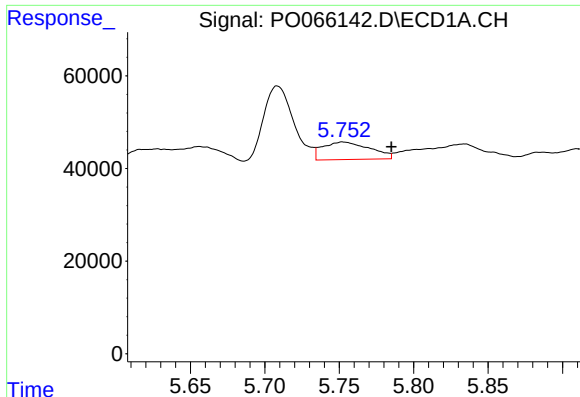
#6 AR-1016-4

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 70172
Conc: 70.95 ng/ml



#6 AR-1016-4

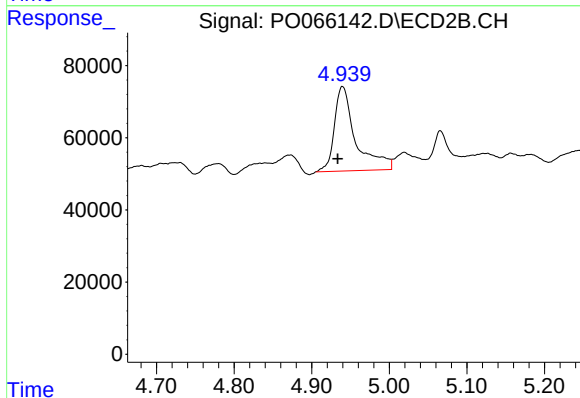
R.T.: 4.730 min
Delta R.T.: 0.005 min
Response: 89806
Conc: 77.73 ng/ml



#7 AR-1016-5

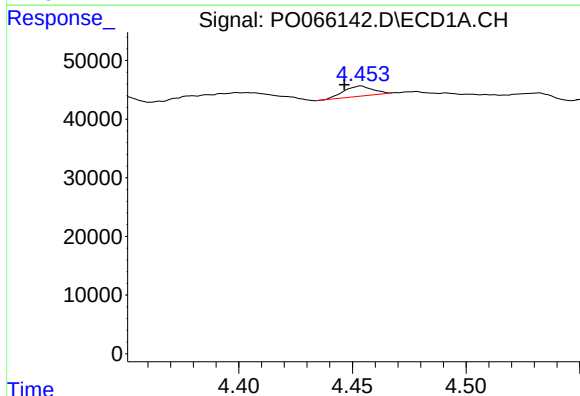
R.T.: 5.753 min
Delta R.T.: -0.033 min
Response: 83405
Conc: 82.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



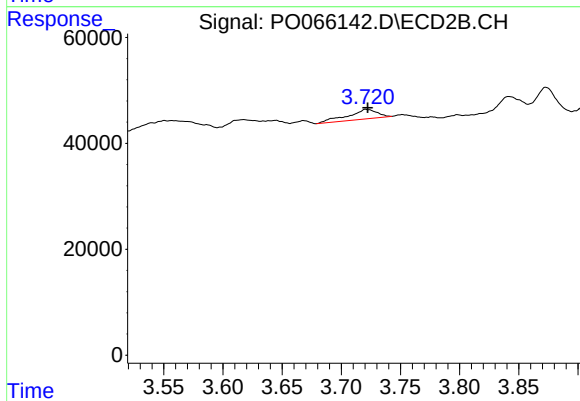
#7 AR-1016-5

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 447561
Conc: 300.08 ng/ml



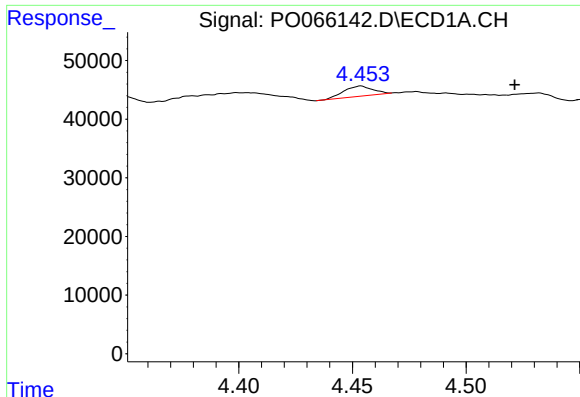
#9 AR-1221-2

R.T.: 4.454 min
Delta R.T.: 0.007 min
Response: 15427
Conc: 58.74 ng/ml



#9 AR-1221-2

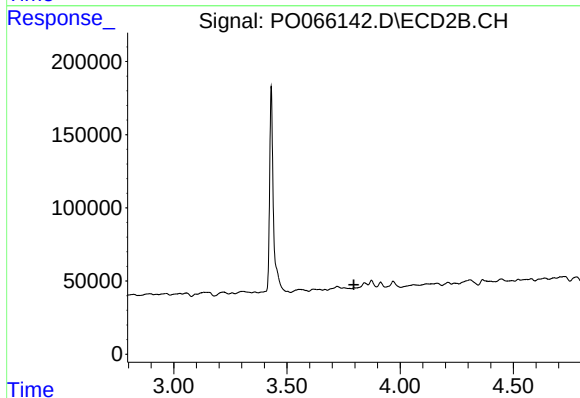
R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 31542
Conc: 84.71 ng/ml



#10 AR-1221-3

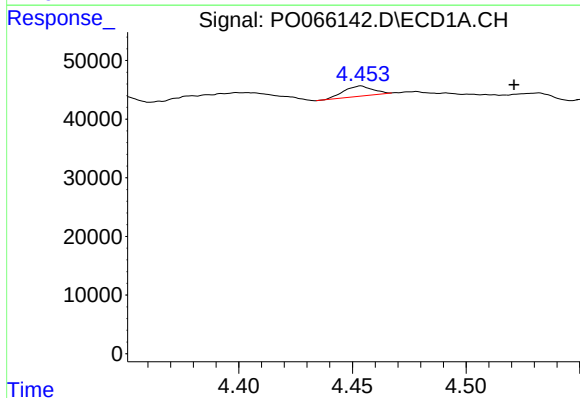
R.T.: 4.454 min
Delta R.T.: -0.068 min
Response: 15427
Conc: 17.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



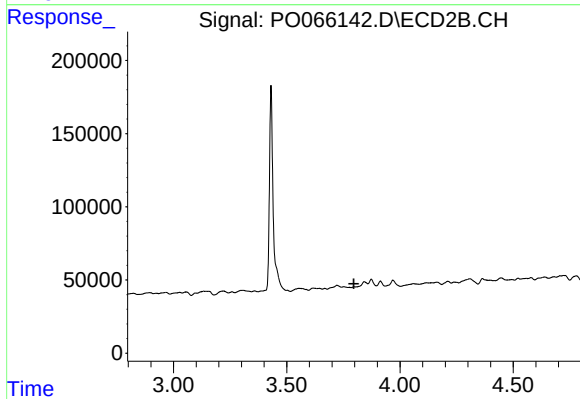
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.796 min
Response: 0
Conc: N.D.



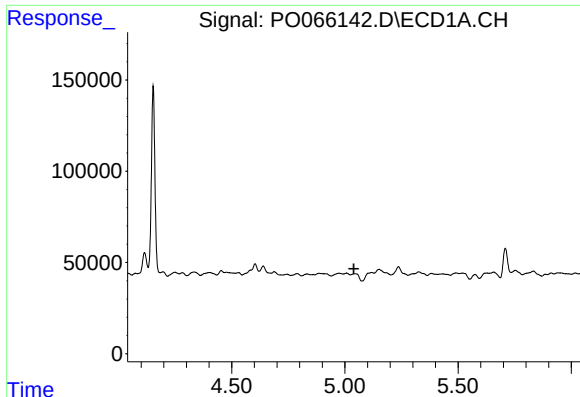
#11 AR-1232-1

R.T.: 4.454 min
Delta R.T.: -0.067 min
Response: 15427
Conc: 22.78 ng/ml



#11 AR-1232-1

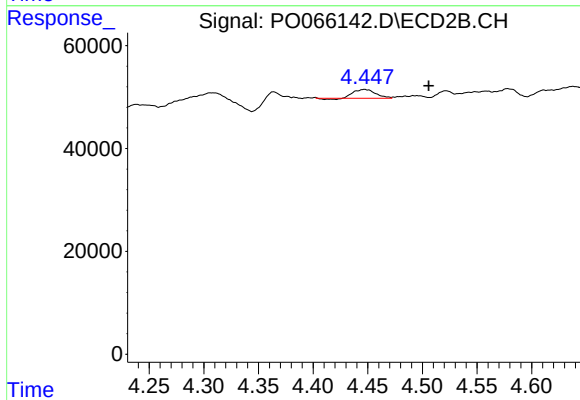
R.T.: 0.000 min
Exp R.T. : 3.796 min
Response: 0
Conc: N.D.



#12 AR-1232-2

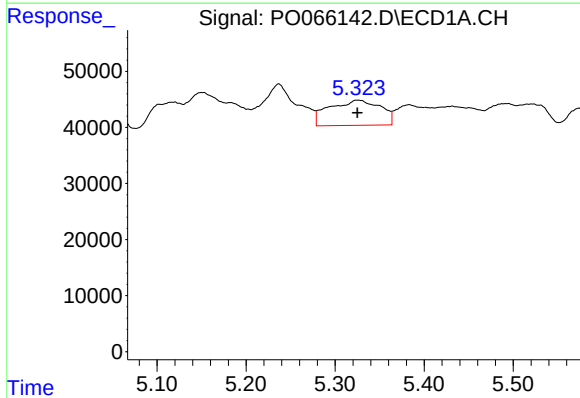
R.T.: 0.000 min
Exp R.T.: 5.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



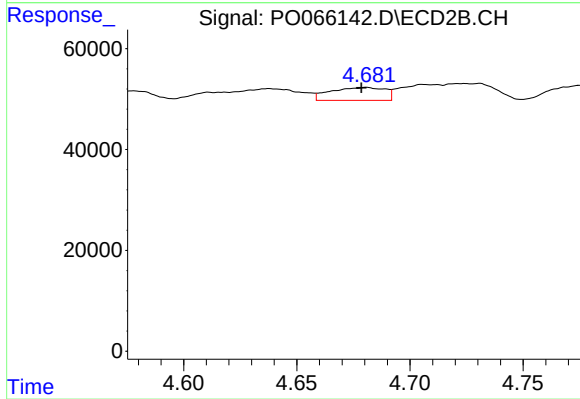
#12 AR-1232-2

R.T.: 4.447 min
Delta R.T.: -0.059 min
Response: 23500
Conc: 21.21 ng/ml



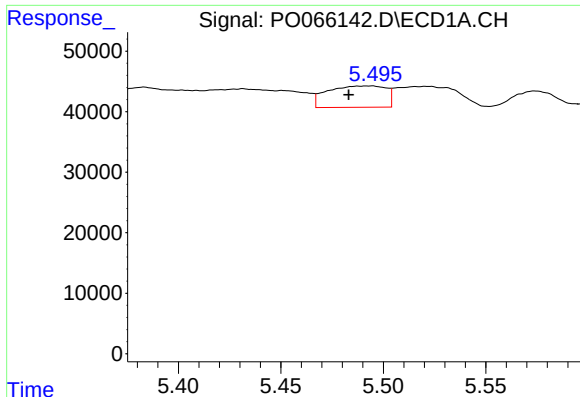
#13 AR-1232-3

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 180155
Conc: 221.11 ng/ml



#13 AR-1232-3

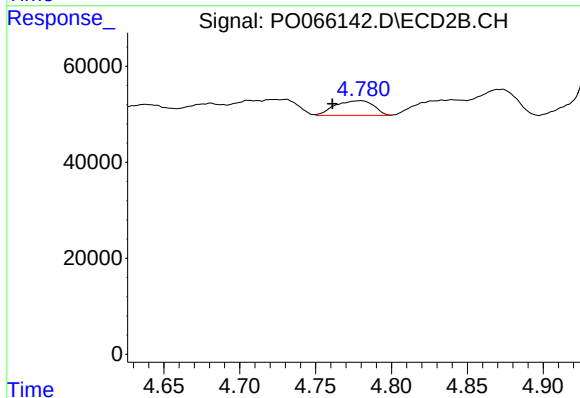
R.T.: 4.681 min
Delta R.T.: 0.002 min
Response: 42543
Conc: 76.31 ng/ml



#14 AR-1232-4

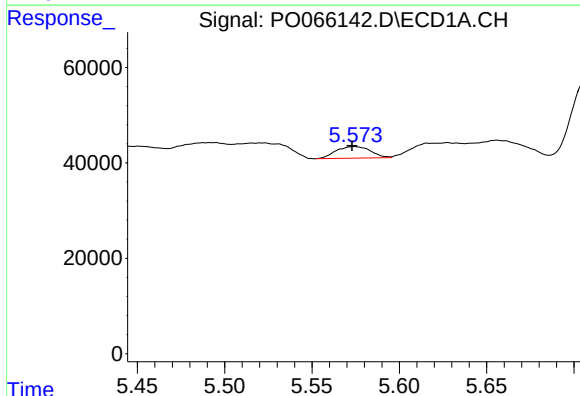
R.T.: 5.494 min
Delta R.T.: 0.011 min
Response: 70172
Conc: 171.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



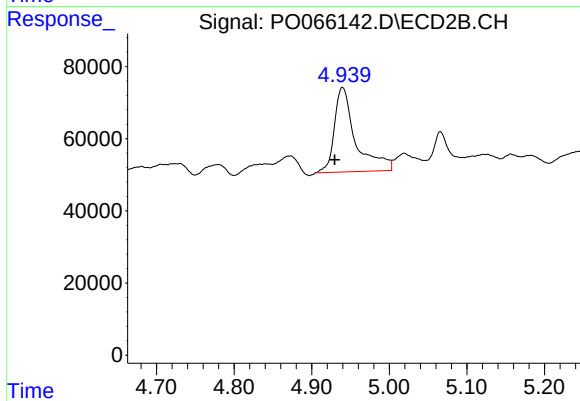
#14 AR-1232-4

R.T.: 4.780 min
Delta R.T.: 0.019 min
Response: 54800
Conc: 113.54 ng/ml



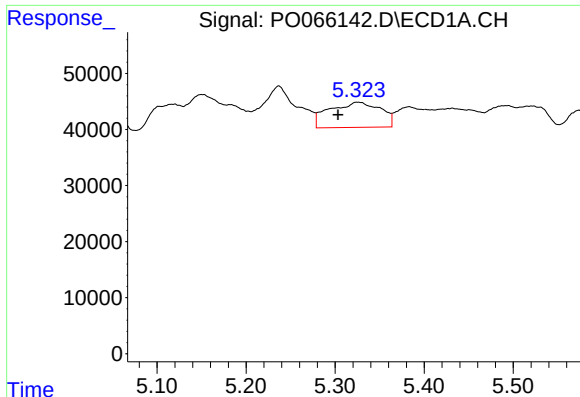
#15 AR-1232-5

R.T.: 5.574 min
Delta R.T.: 0.001 min
Response: 33647
Conc: 122.87 ng/ml



#15 AR-1232-5

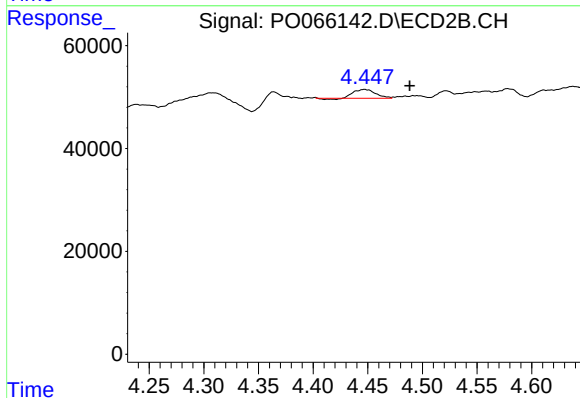
R.T.: 4.940 min
Delta R.T.: 0.010 min
Response: 447561
Conc: 867.76 ng/ml



#16 AR-1242-1

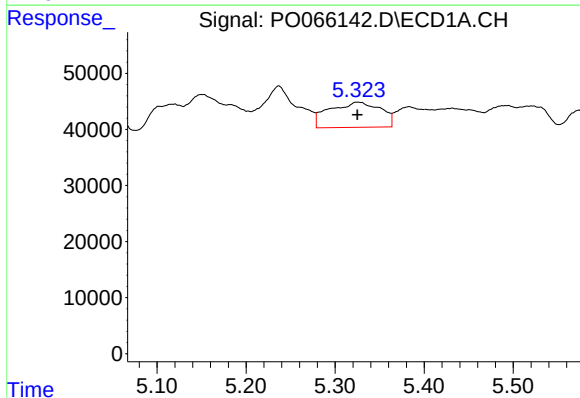
R.T.: 5.325 min
Delta R.T.: 0.021 min
Response: 180155
Conc: 177.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



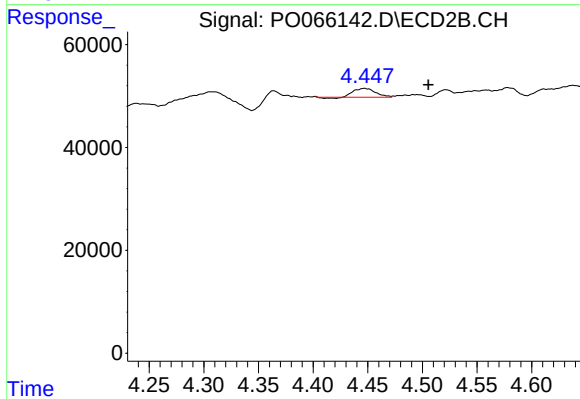
#16 AR-1242-1

R.T.: 4.447 min
Delta R.T.: -0.042 min
Response: 23500
Conc: 17.72 ng/ml



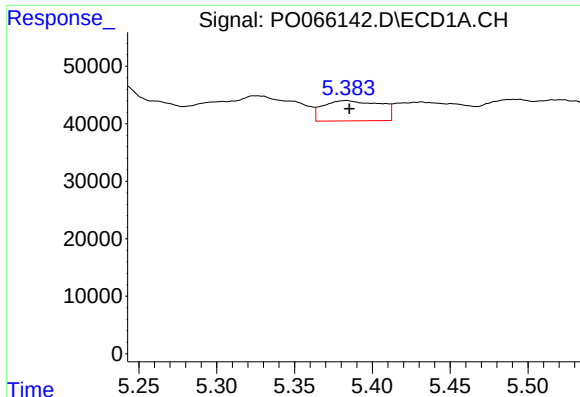
#17 AR-1242-2

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 180155
Conc: 121.53 ng/ml



#17 AR-1242-2

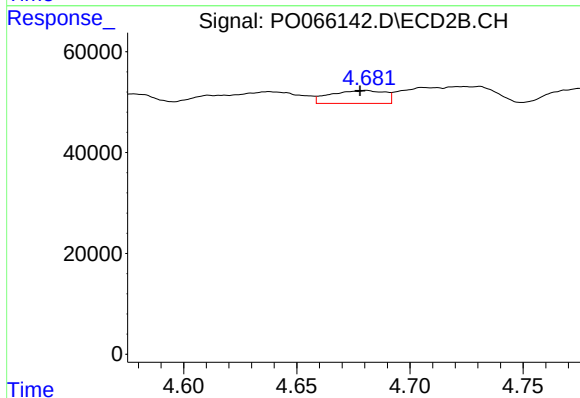
R.T.: 4.447 min
Delta R.T.: -0.059 min
Response: 23500
Conc: 11.08 ng/ml



#18 AR-1242-3

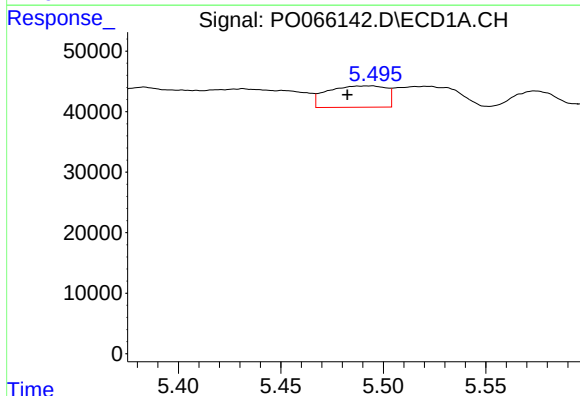
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 90011
Conc: 98.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



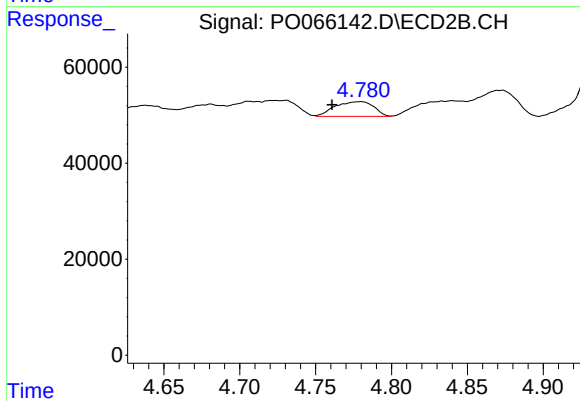
#18 AR-1242-3

R.T.: 4.681 min
Delta R.T.: 0.003 min
Response: 42543
Conc: 40.03 ng/ml



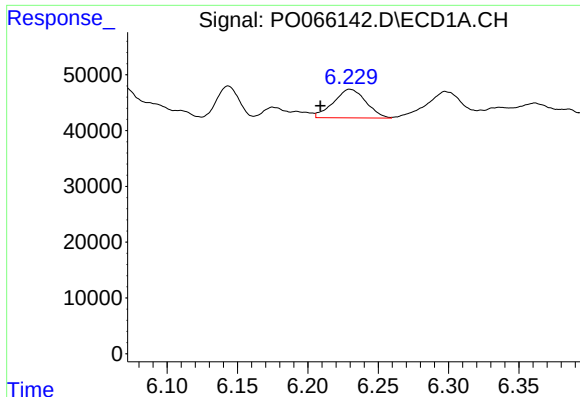
#19 AR-1242-4

R.T.: 5.494 min
Delta R.T.: 0.011 min
Response: 70172
Conc: 91.96 ng/ml



#19 AR-1242-4

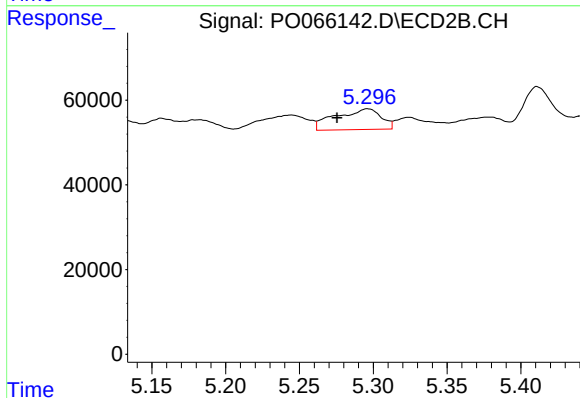
R.T.: 4.780 min
Delta R.T.: 0.019 min
Response: 54800
Conc: 53.31 ng/ml



#20 AR-1242-5

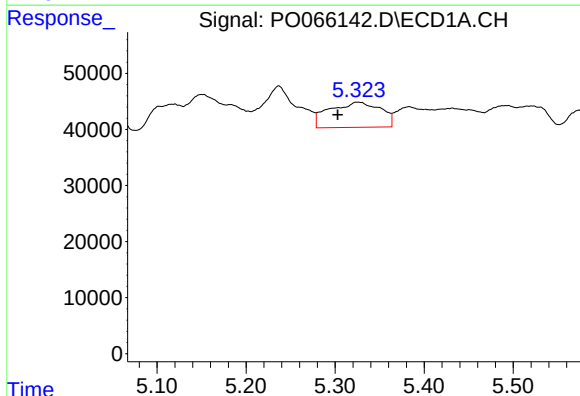
R.T.: 6.230 min
Delta R.T.: 0.021 min
Response: 82718
Conc: 89.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



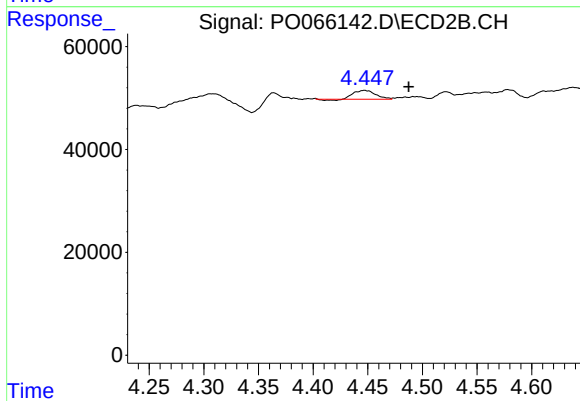
#20 AR-1242-5

R.T.: 5.296 min
Delta R.T.: 0.021 min
Response: 104896
Conc: 75.86 ng/ml



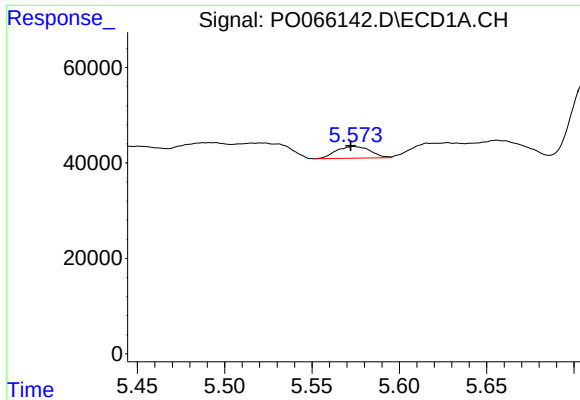
#21 AR-1248-1

R.T.: 5.325 min
Delta R.T.: 0.022 min
Response: 180155
Conc: 236.31 ng/ml



#21 AR-1248-1

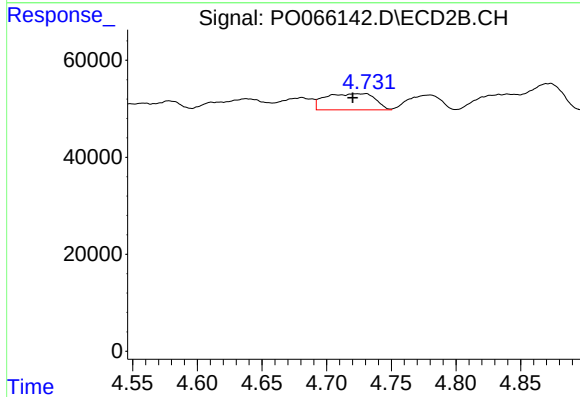
R.T.: 4.447 min
Delta R.T.: -0.041 min
Response: 23500
Conc: 22.62 ng/ml



#22 AR-1248-2

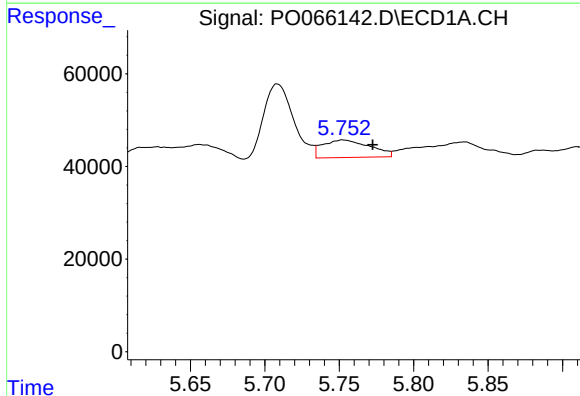
R.T.: 5.574 min
Delta R.T.: 0.002 min
Response: 33647
Conc: 31.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



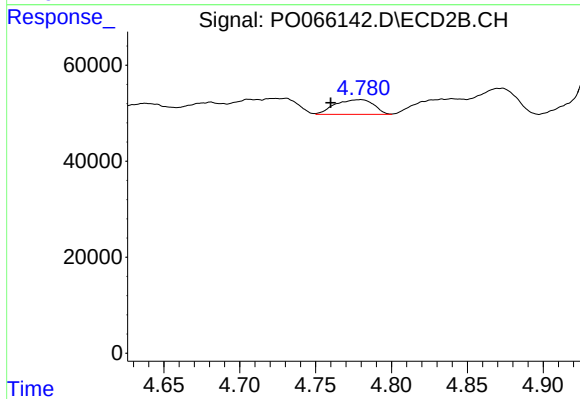
#22 AR-1248-2

R.T.: 4.730 min
Delta R.T.: 0.010 min
Response: 89806
Conc: 60.45 ng/ml



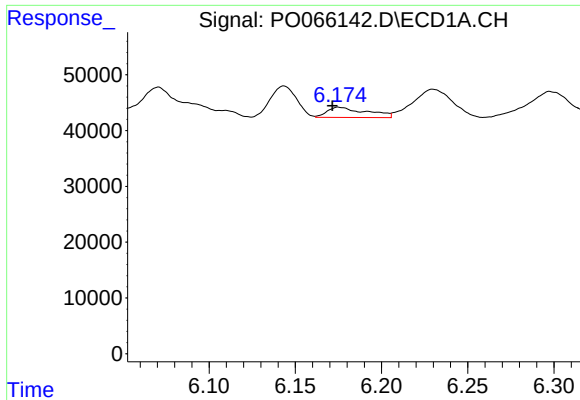
#23 AR-1248-3

R.T.: 5.753 min
Delta R.T.: -0.020 min
Response: 83405
Conc: 68.30 ng/ml



#23 AR-1248-3

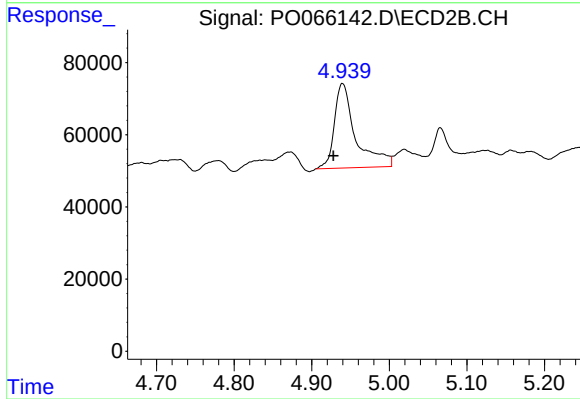
R.T.: 4.780 min
Delta R.T.: 0.020 min
Response: 54800
Conc: 36.65 ng/ml



#24 AR-1248-4

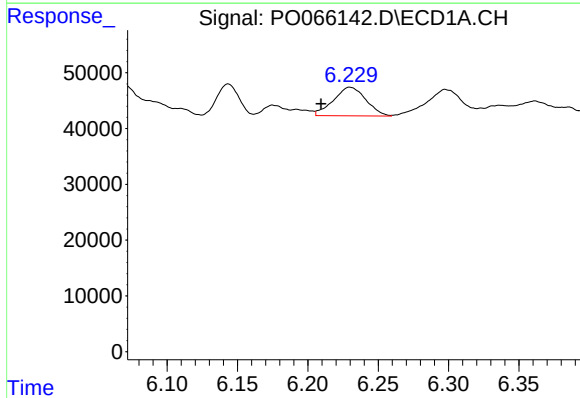
R.T.: 6.175 min
Delta R.T.: 0.004 min
Response: 29217
Conc: 18.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



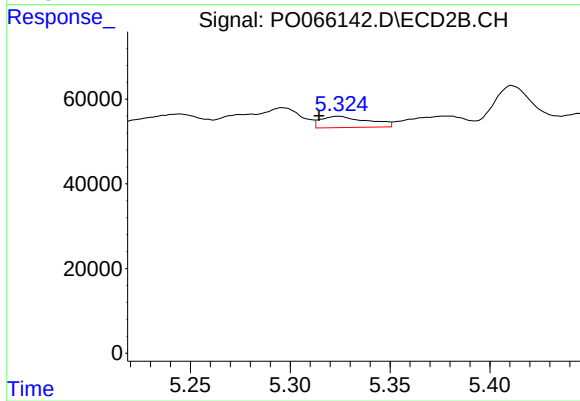
#24 AR-1248-4

R.T.: 4.940 min
Delta R.T.: 0.011 min
Response: 447561
Conc: 247.91 ng/ml



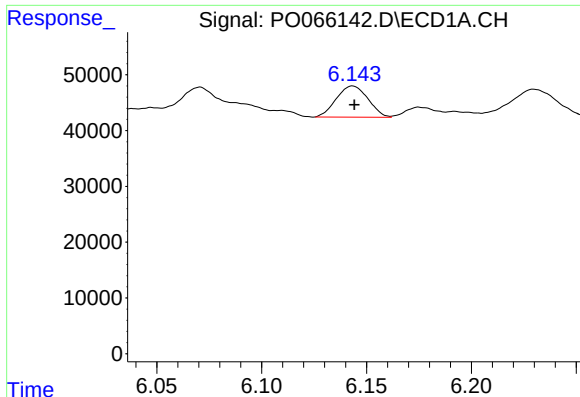
#25 AR-1248-5

R.T.: 6.230 min
Delta R.T.: 0.021 min
Response: 82718
Conc: 55.64 ng/ml



#25 AR-1248-5

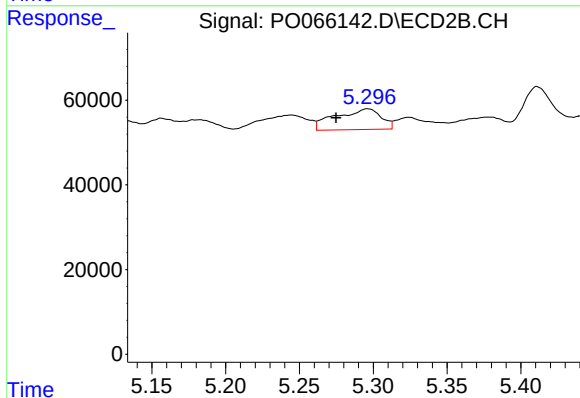
R.T.: 5.324 min
Delta R.T.: 0.010 min
Response: 42916
Conc: 21.95 ng/ml



#26 AR-1254-1

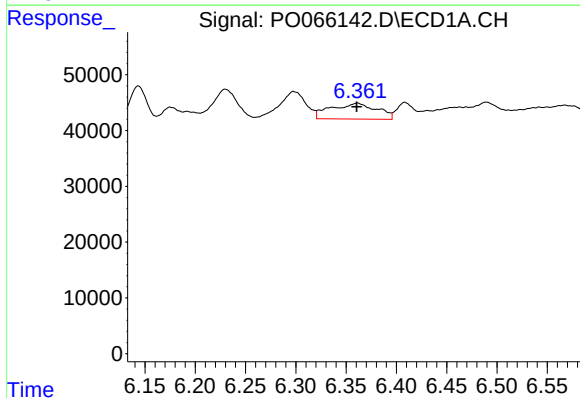
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 58782
Conc: 37.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



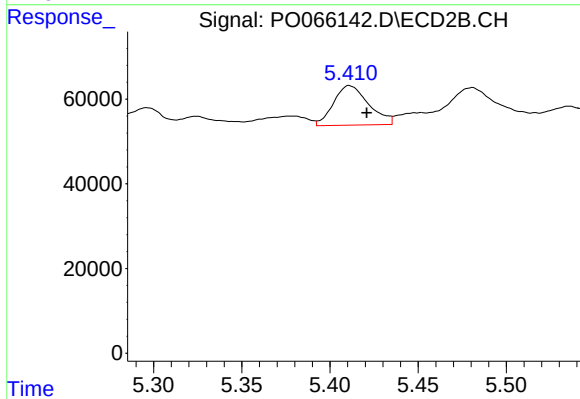
#26 AR-1254-1

R.T.: 5.296 min
Delta R.T.: 0.022 min
Response: 104896
Conc: 32.95 ng/ml



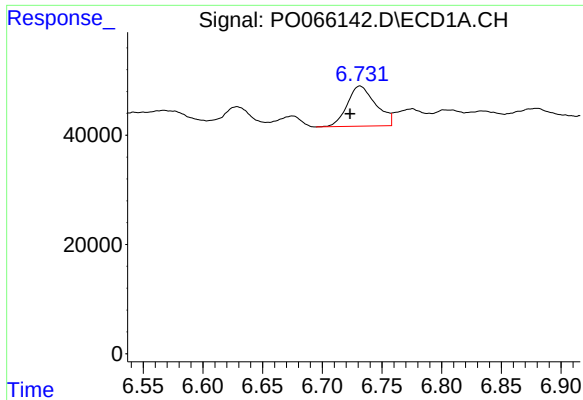
#27 AR-1254-2

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 90570
Conc: 36.45 ng/ml



#27 AR-1254-2

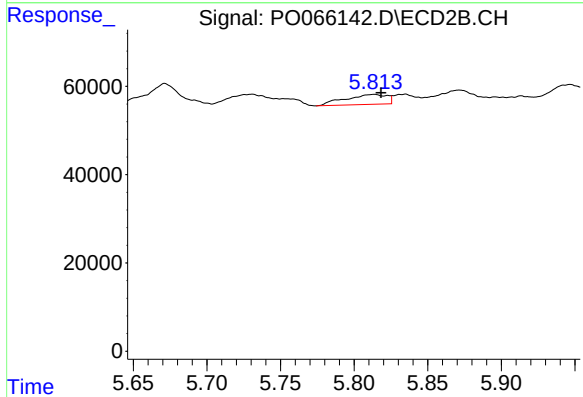
R.T.: 5.411 min
Delta R.T.: -0.010 min
Response: 129846
Conc: 44.24 ng/ml



#28 AR-1254-3

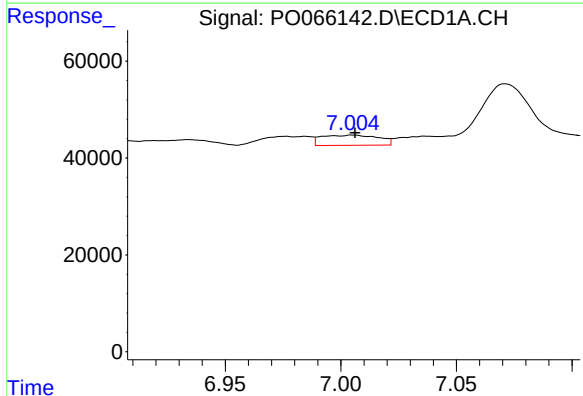
R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 122745
Conc: 45.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



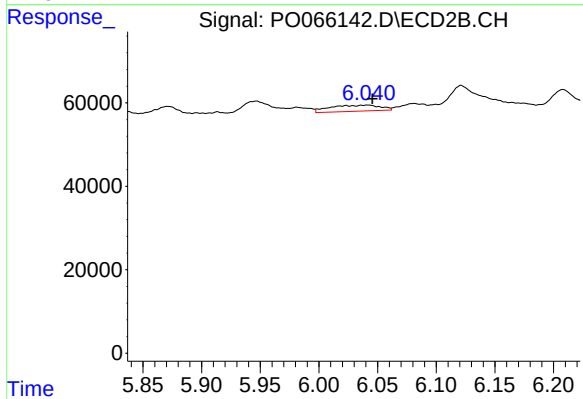
#28 AR-1254-3

R.T.: 5.814 min
Delta R.T.: -0.005 min
Response: 44046
Conc: 9.59 ng/ml



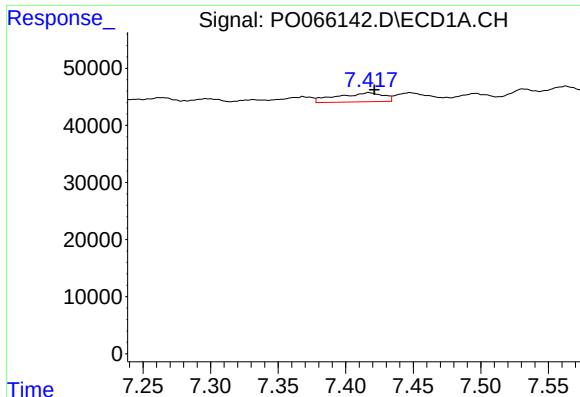
#29 AR-1254-4

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 35895
Conc: 15.54 ng/ml



#29 AR-1254-4

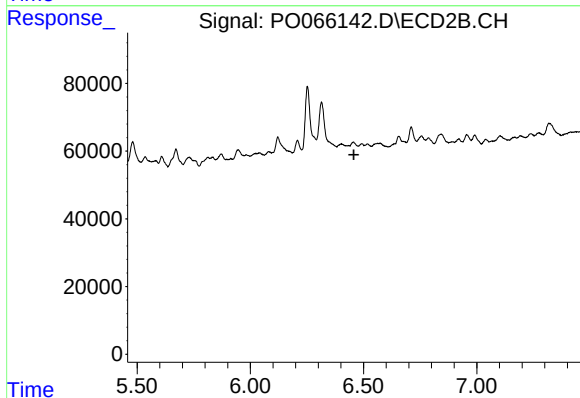
R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 42930
Conc: 13.62 ng/ml



#30 AR-1254-5

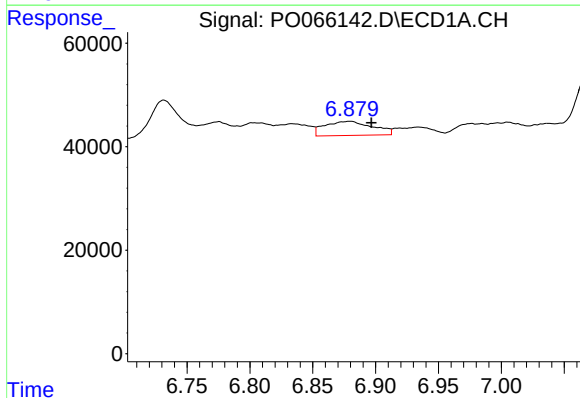
R.T.: 7.417 min
Delta R.T.: -0.004 min
Response: 37854
Conc: 16.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



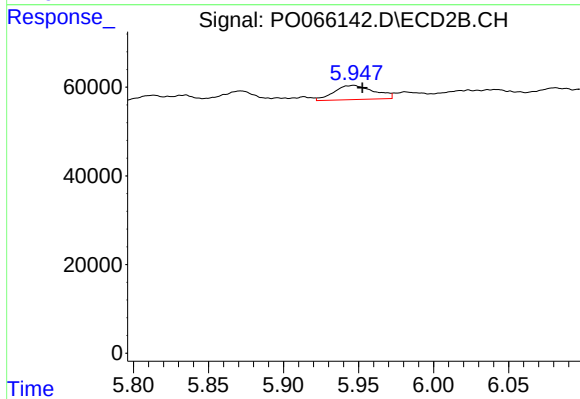
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.458 min
Response: 0
Conc: N.D.



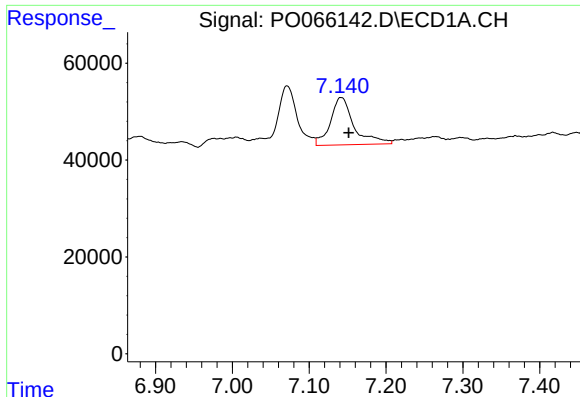
#31 AR-1260-1

R.T.: 6.880 min
Delta R.T.: -0.017 min
Response: 72702
Conc: 36.26 ng/ml



#31 AR-1260-1

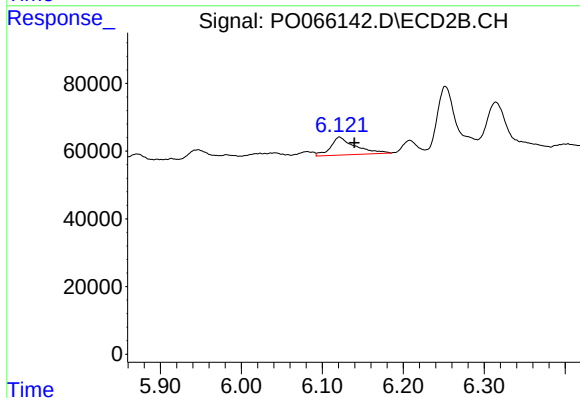
R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 59387
Conc: 18.46 ng/ml



#32 AR-1260-2

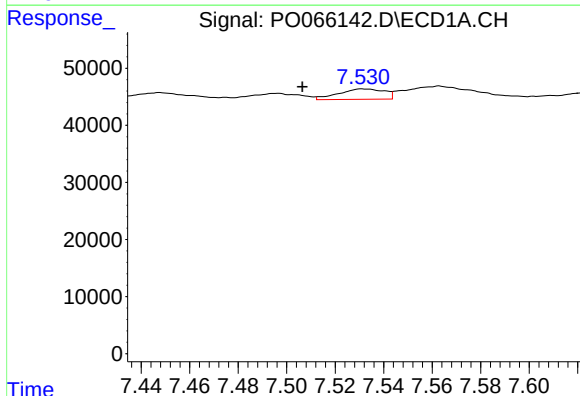
R.T.: 7.142 min
Delta R.T.: -0.010 min
Response: 207844
Conc: 75.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



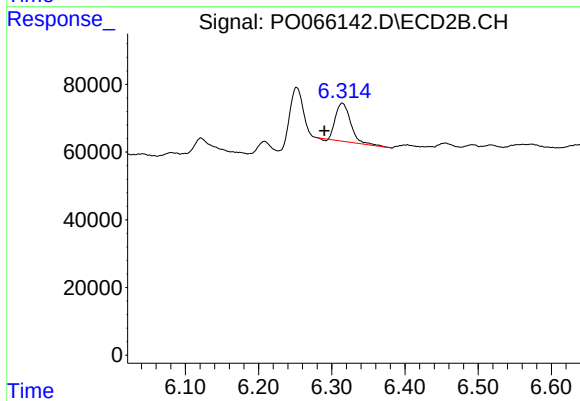
#32 AR-1260-2

R.T.: 6.121 min
Delta R.T.: -0.018 min
Response: 111665
Conc: 24.78 ng/ml



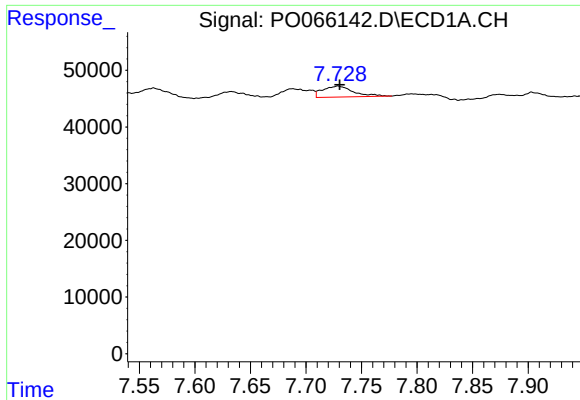
#33 AR-1260-3

R.T.: 7.532 min
Delta R.T.: 0.025 min
Response: 23979
Conc: 10.47 ng/ml



#33 AR-1260-3

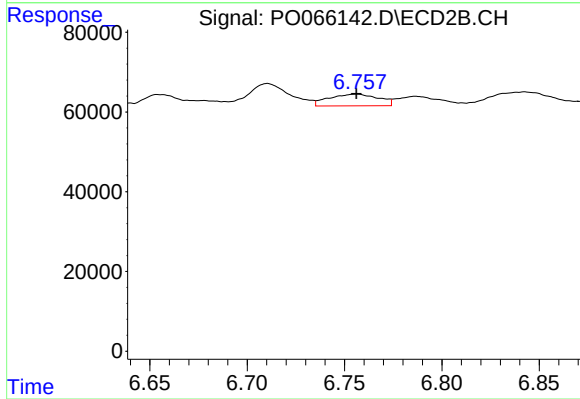
R.T.: 6.314 min
Delta R.T.: 0.025 min
Response: 163046
Conc: 43.25 ng/ml



#34 AR-1260-4

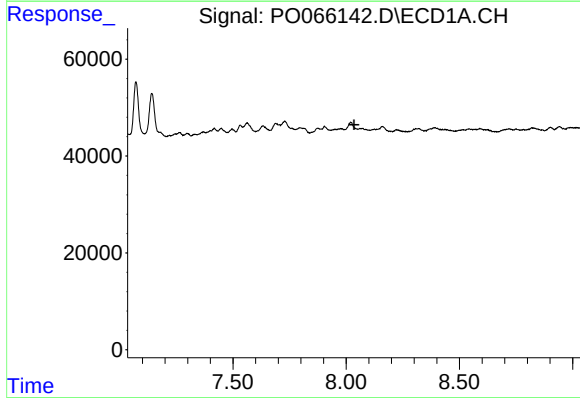
R.T.: 7.729 min
Delta R.T.: -0.002 min
Response: 36823
Conc: 16.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



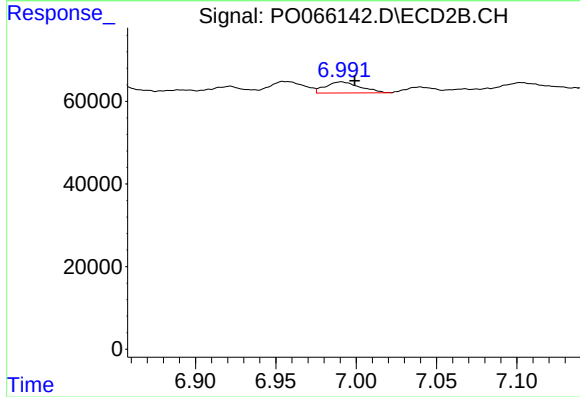
#34 AR-1260-4

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 51914
Conc: 16.59 ng/ml



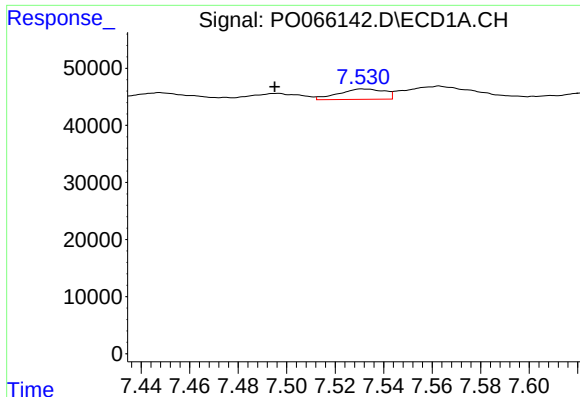
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#35 AR-1260-5

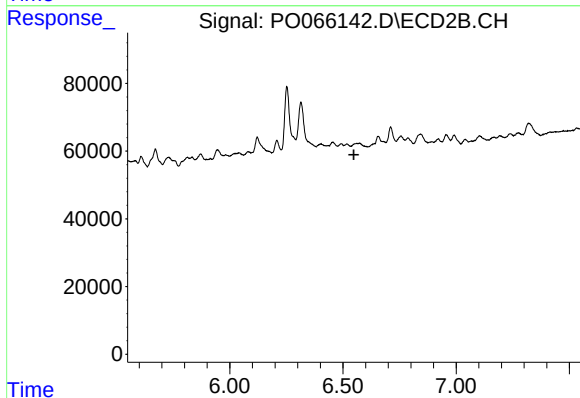
R.T.: 6.991 min
Delta R.T.: -0.008 min
Response: 39949
Conc: 4.82 ng/ml



#36 AR-1262-1

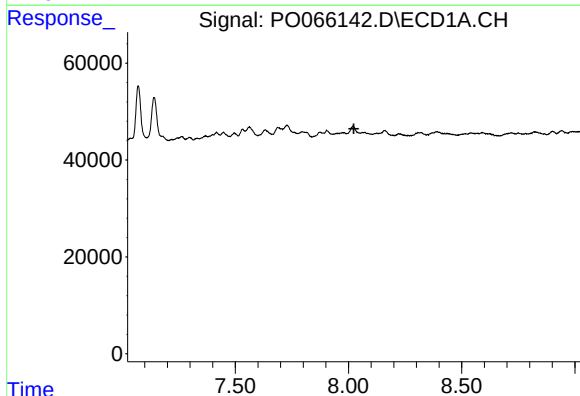
R.T.: 7.532 min
Delta R.T.: 0.037 min
Response: 23979
Conc: 7.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



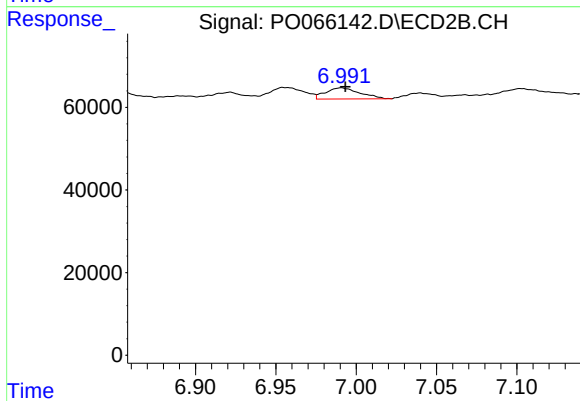
#36 AR-1262-1

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



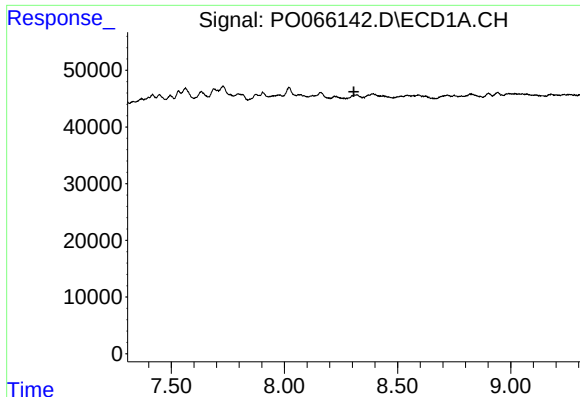
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.024 min
Response: 0
Conc: N.D.



#37 AR-1262-2

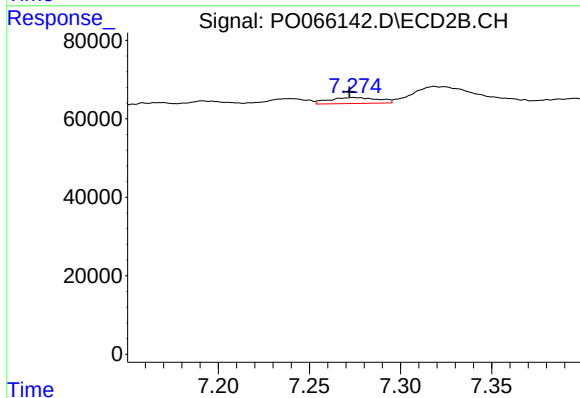
R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 39949
Conc: 4.22 ng/ml



#38 AR-1262-3

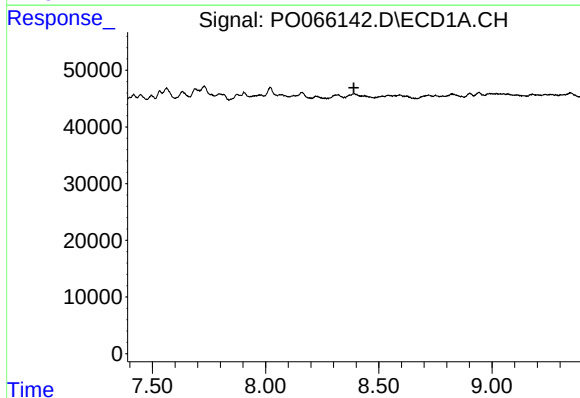
R.T.: 0.000 min
Exp R.T. : 8.307 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



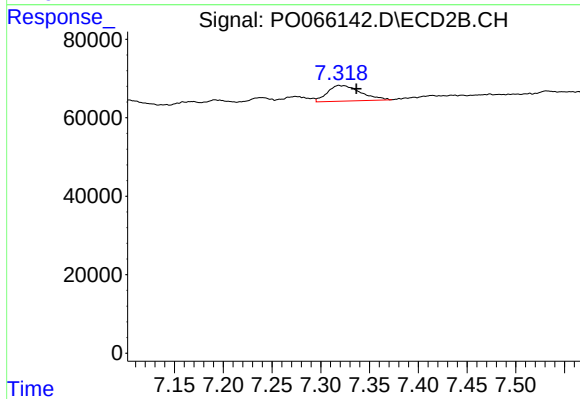
#38 AR-1262-3

R.T.: 7.274 min
Delta R.T.: 0.002 min
Response: 28722
Conc: 7.46 ng/ml



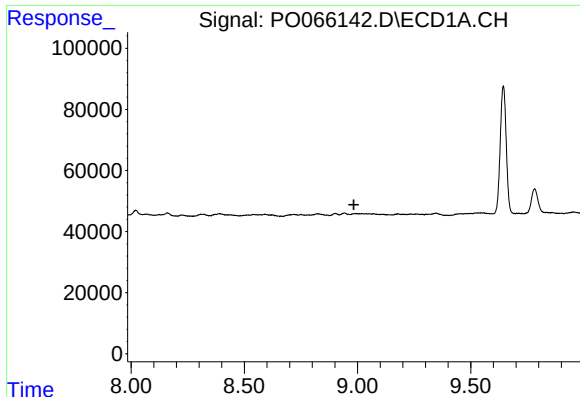
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.389 min
Response: 0
Conc: N.D.



#39 AR-1262-4

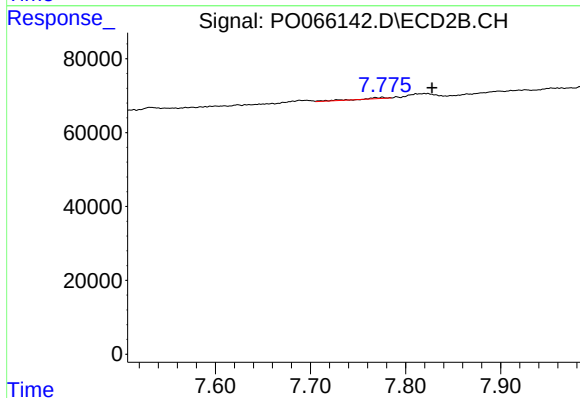
R.T.: 7.319 min
Delta R.T.: -0.018 min
Response: 94051
Conc: 14.31 ng/ml



#40 AR-1262-5

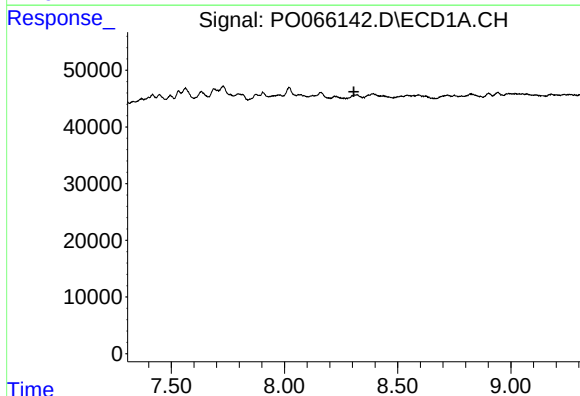
R.T.: 0.000 min
Exp R.T. : 8.984 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



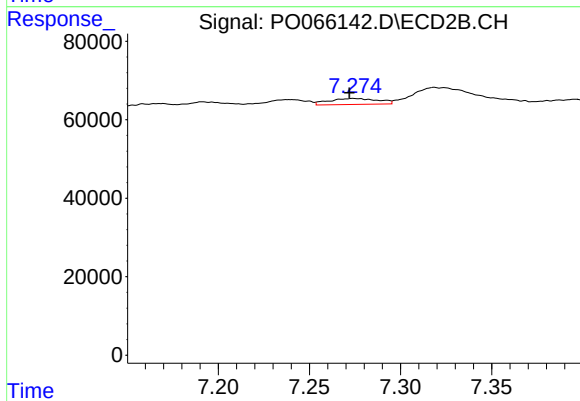
#40 AR-1262-5

R.T.: 7.776 min
Delta R.T.: -0.052 min
Response: 5721
Conc: 2.03 ng/ml



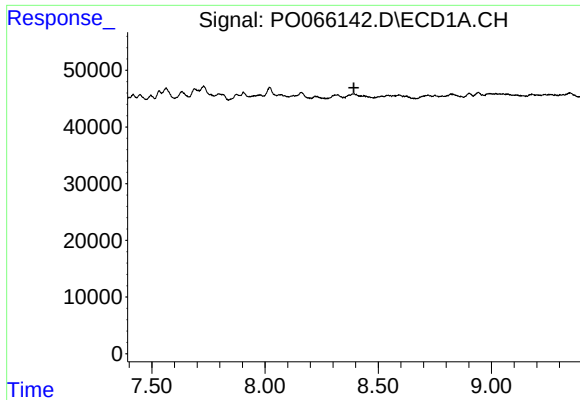
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.306 min
Response: 0
Conc: N.D.



#41 AR-1268-1

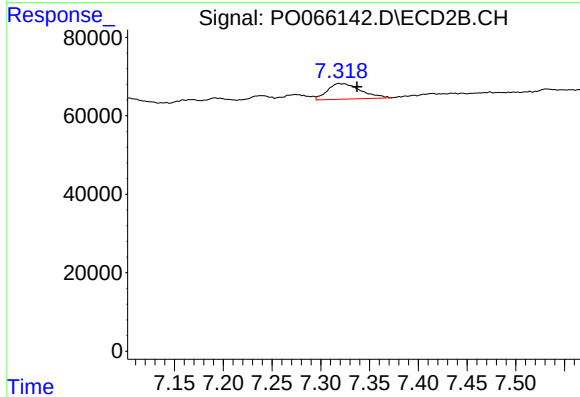
R.T.: 7.274 min
Delta R.T.: 0.002 min
Response: 28722
Conc: 2.39 ng/ml



#42 AR-1268-2

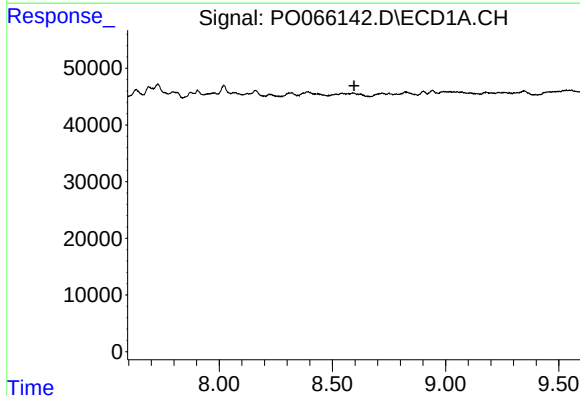
R.T.: 0.000 min
Exp R.T. : 8.393 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



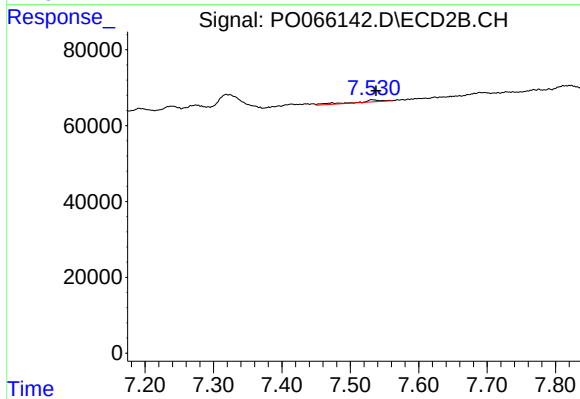
#42 AR-1268-2

R.T.: 7.319 min
Delta R.T.: -0.019 min
Response: 94051
Conc: 9.11 ng/ml



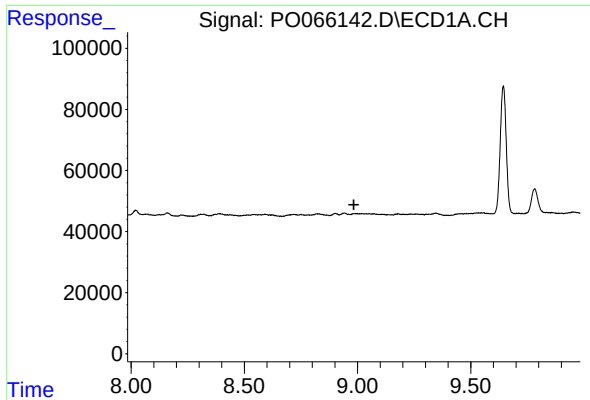
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.595 min
Response: 0
Conc: N.D.



#43 AR-1268-3

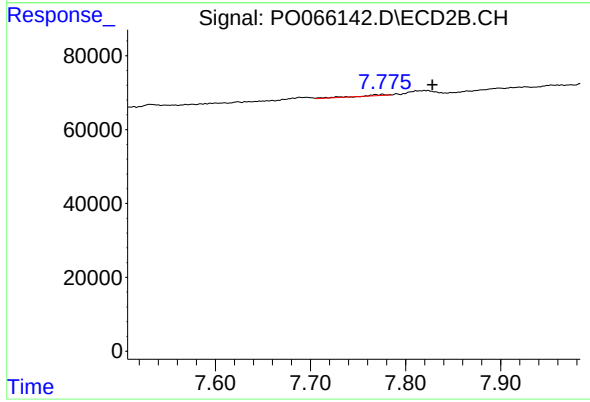
R.T.: 7.532 min
Delta R.T.: -0.006 min
Response: 14191
Conc: 1.63 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.984 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#44 AR-1268-4

R.T.: 7.776 min
Delta R.T.: -0.053 min
Response: 5721
Conc: 1.73 ng/ml