

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030520\
 Data File : P0066958.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Mar 2020 14:33
 Operator : DD\AJ
 Sample : L1778-01DL 4X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 Test 1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 16:20:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 04 13:48:03 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...	4.118	3.401	312827	243301	5.868	5.248
2)	SA Decachlor...	9.584	8.280	270664	255781	4.916	4.947
Target Compounds							
3)	L1 AR-1016-1	5.267	4.452	3345	11382	1.744	8.201 #
4)	L1 AR-1016-2	5.286	4.471	15405	24314	5.081	8.549 #
5)	L1 AR-1016-3	5.348	4.645	9387	40986	5.463	32.865 #
6)	L1 AR-1016-4	5.443	4.684	16150	136448	10.891	131.552 #
7)	L1 AR-1016-5	5.732	4.892	87376	140042	62.816	105.503 #
8)	L2 AR-1221-1	4.352	0.000	32883	0	58.688	N.D. #
9)	L2 AR-1221-2	4.386	0.000	18980	0	43.780	N.D. #
10)	L2 AR-1221-3	4.483	3.764	16421	18934	13.701	18.622 #
11)	L3 AR-1232-1	4.483	3.764	16421	18934	17.614	23.543 #
12)	L3 AR-1232-2	4.995	4.471	154373	24314	308.487	24.915 #
13)	L3 AR-1232-3	5.286	4.645	15405	40986	14.770	97.035 #
14)	L3 AR-1232-4	5.443	4.724	16150	67384	33.741	177.887 #
15)	L3 AR-1232-5	5.532	4.892	102113	140042	296.488	321.195
16)	L4 AR-1242-1	5.267	4.452	3345	11382	2.867	13.467 #
17)	L4 AR-1242-2	5.286	4.471	15405	24314	8.203	14.032 #
18)	L4 AR-1242-3	5.348	4.645	9387	40986	8.701	51.499 #
19)	L4 AR-1242-4	5.443	4.724	16150	67384	17.791	87.500 #
20)	L4 AR-1242-5	6.170	5.237	227531	649443	217.878	648.394 #
21)	L5 AR-1248-1	5.267	4.452	3345	11382	3.590	16.428 #
22)	L5 AR-1248-2	5.532	4.684	102113	136448	80.744	123.608 #
23)	L5 AR-1248-3	5.732	4.724	87376	67384	57.968	59.725
24)	L5 AR-1248-4	6.131	4.892	283492	140042	155.808	99.609 #
25)	L5 AR-1248-5	6.170	5.278	227531	140750	129.288	102.086
26)	L6 AR-1254-1	6.103	5.237	484617	649443	262.084	287.913
27)	L6 AR-1254-2	6.319	5.383	1099069	798105	363.373	404.722
28)	L6 AR-1254-3	6.681	5.780	1384121	1563710	444.393	487.728
29)	L6 AR-1254-4	6.965	6.007	1386865	1087301	544.781	614.345
30)	L6 AR-1254-5	7.379	6.419	1763484	2086767	654.973	694.694
31)	L7 AR-1260-1	6.842	5.907	665206	909793	237.427	346.777 #
32)	L7 AR-1260-2	7.098	6.095	1081164	948861	262.059	291.040
33)	L7 AR-1260-3	7.440	6.243	259792	907975	72.725	301.232 #
34)	L7 AR-1260-4	7.667	6.710	632808	136402	196.596	51.875 #
35)	L7 AR-1260-5	7.982	6.952	373817	321558	53.370	52.304
36)	L8 AR-1262-1	7.440	6.419	259792	2086767	60.316	1428.567 #
37)	L8 AR-1262-2	7.982	6.952	373817	321558	55.825	58.393
38)	L8 AR-1262-3	8.277	7.242	223638	161264	52.254	69.660 #
39)	L8 AR-1262-4	8.323	7.294	63654	473701	18.966	107.333 #
40)	L8 AR-1262-5	8.928	7.788	24850	24903	11.900	13.098
41)	L9 AR-1268-1	8.277	7.242	223638	161264	25.665	22.941

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 Acq On : 05 Mar 2020 14:33
 Operator : DD\AJ
 Sample : L1778-01DL 4X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

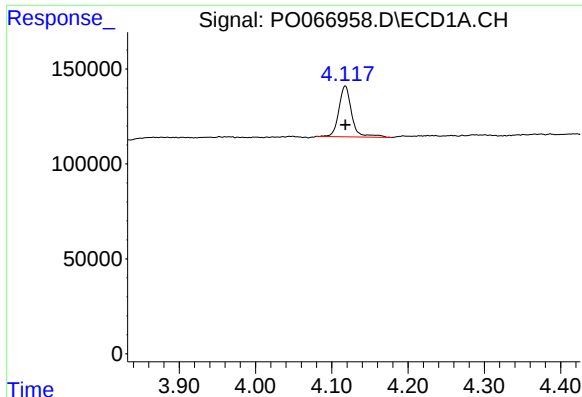
Instrument :
 ECD_O
 ClientSampleId :
 Test 1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 16:20:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.323	7.294	63654	473701	8.518	71.197 #
43) L9	AR-1268-3	8.555	7.498	38718	37486	6.021	6.772
44) L9	AR-1268-4	8.928	7.788	24850	24903	10.249	10.828
45) L9	AR-1268-5	9.293	8.056	28221	25018	1.486	1.433

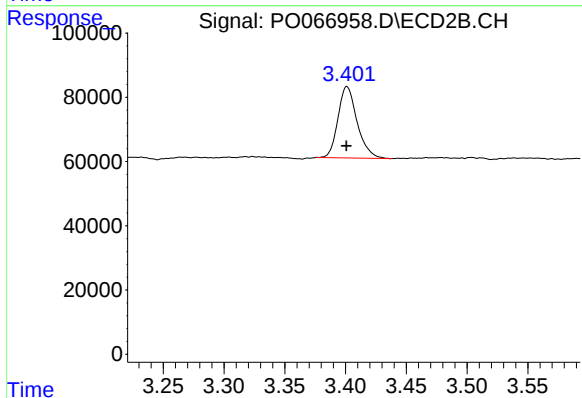
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

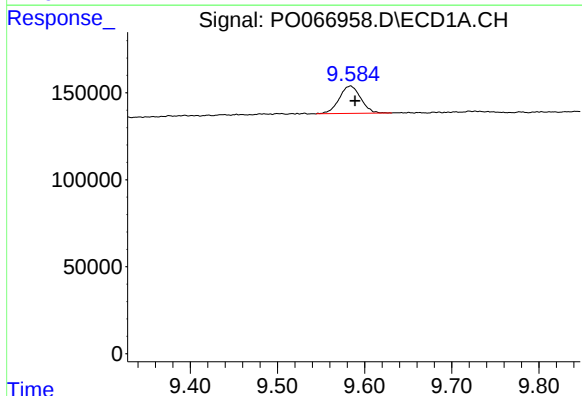
R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 312827
Conc: 5.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



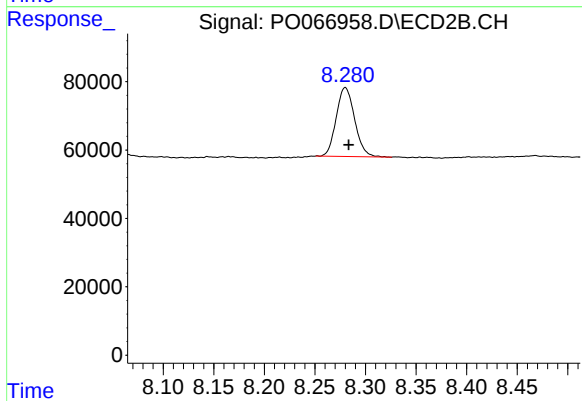
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 243301
Conc: 5.25 ng/ml



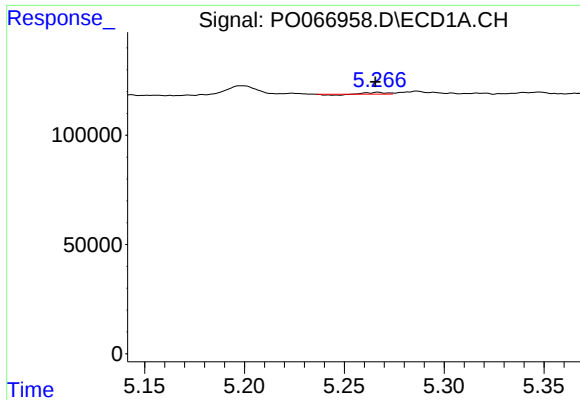
#2 Decachlorobiphenyl

R.T.: 9.584 min
Delta R.T.: -0.005 min
Response: 270664
Conc: 4.92 ng/ml



#2 Decachlorobiphenyl

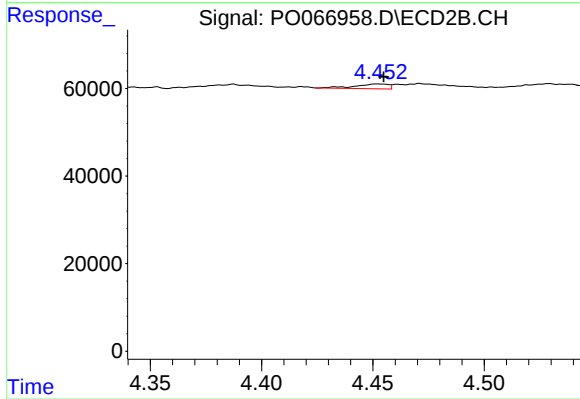
R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 255781
Conc: 4.95 ng/ml



#3 AR-1016-1

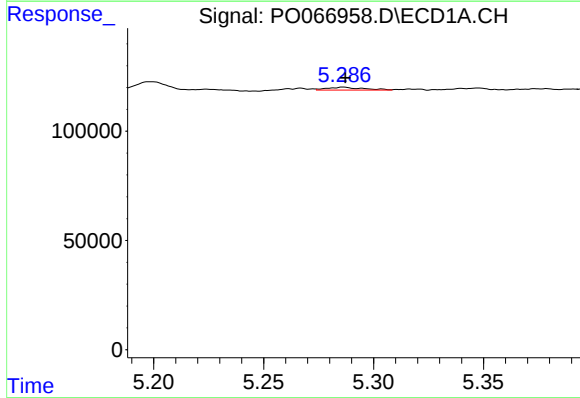
R.T.: 5.267 min
Delta R.T.: 0.001 min
Response: 3345
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



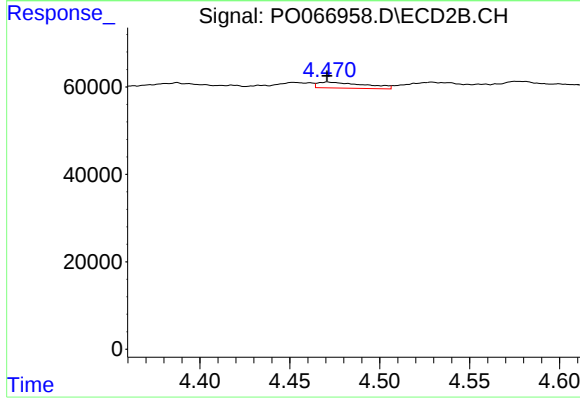
#3 AR-1016-1

R.T.: 4.452 min
Delta R.T.: -0.002 min
Response: 11382
Conc: 8.20 ng/ml



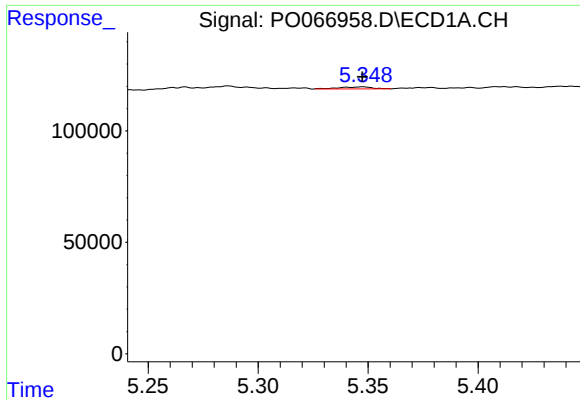
#4 AR-1016-2

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 15405
Conc: 5.08 ng/ml



#4 AR-1016-2

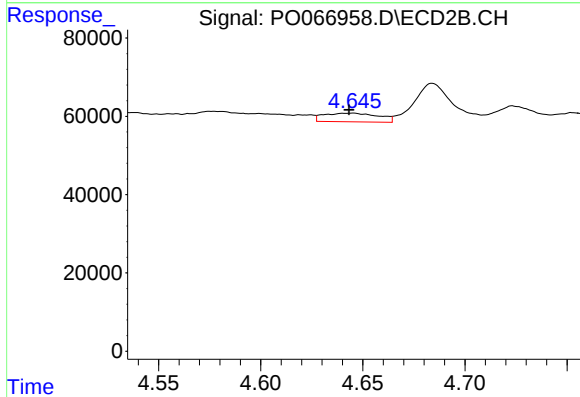
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 24314
Conc: 8.55 ng/ml



#5 AR-1016-3

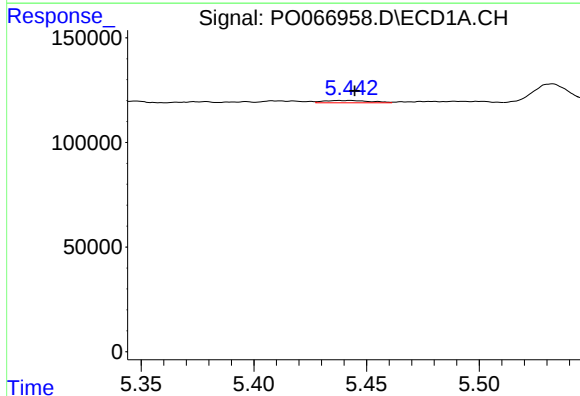
R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 9387
Conc: 5.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



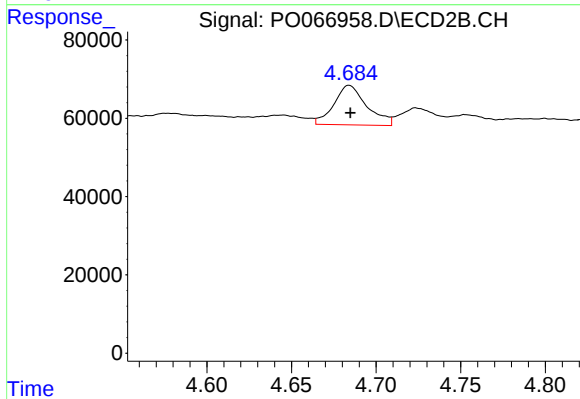
#5 AR-1016-3

R.T.: 4.645 min
Delta R.T.: 0.002 min
Response: 40986
Conc: 32.86 ng/ml



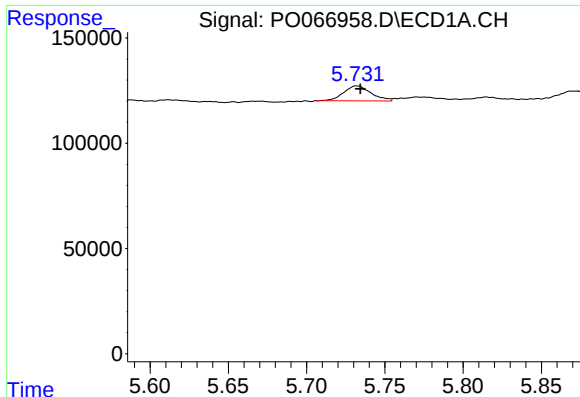
#6 AR-1016-4

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 16150
Conc: 10.89 ng/ml



#6 AR-1016-4

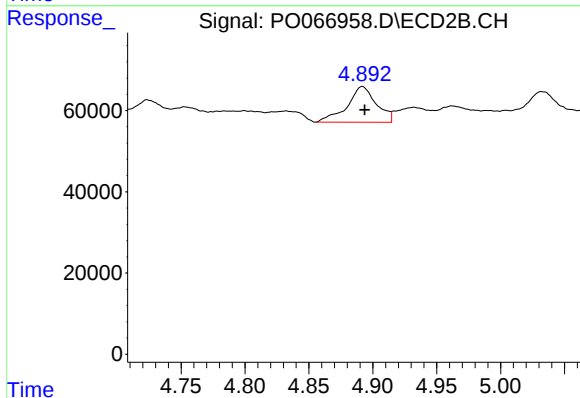
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 136448
Conc: 131.55 ng/ml



#7 AR-1016-5

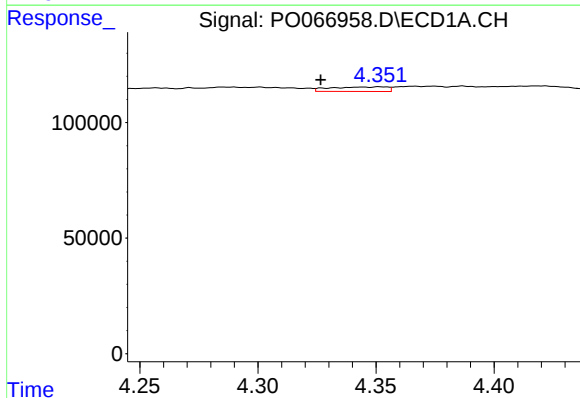
R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 87376
Conc: 62.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



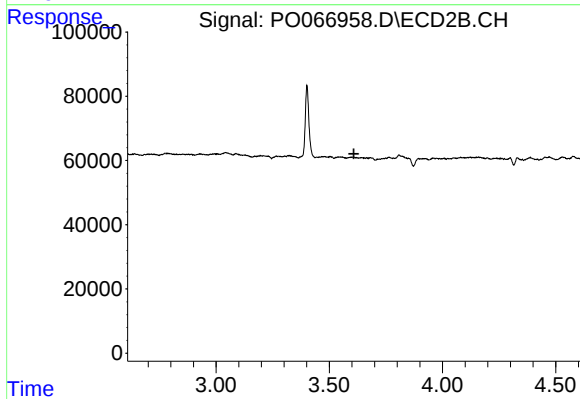
#7 AR-1016-5

R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 140042
Conc: 105.50 ng/ml



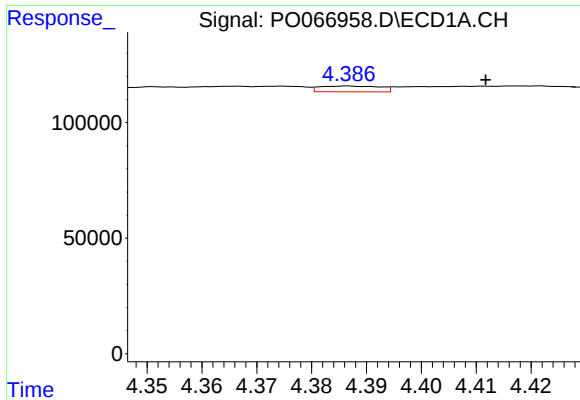
#8 AR-1221-1

R.T.: 4.352 min
Delta R.T.: 0.025 min
Response: 32883
Conc: 58.69 ng/ml



#8 AR-1221-1

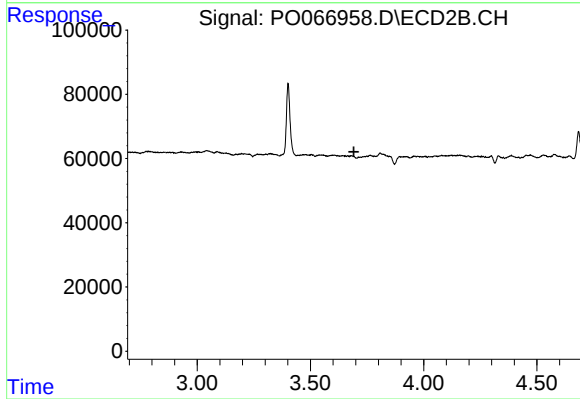
R.T.: 0.000 min
Exp R.T.: 3.609 min
Response: 0
Conc: N.D.



#9 AR-1221-2

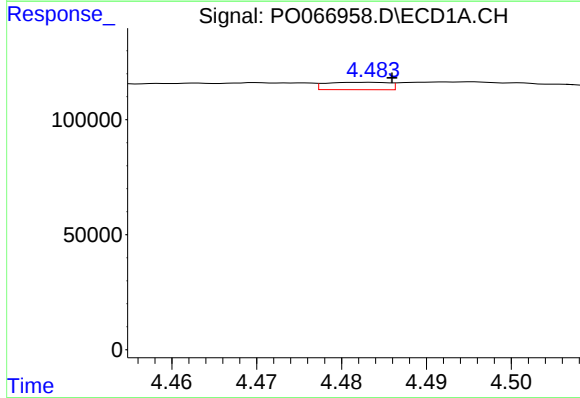
R.T.: 4.386 min
Delta R.T.: -0.025 min
Response: 18980
Conc: 43.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



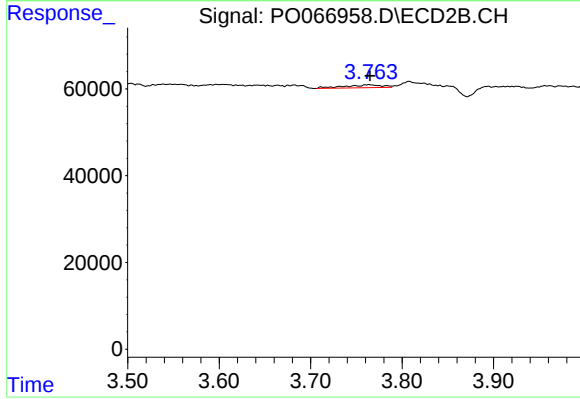
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.692 min
Response: 0
Conc: N.D.



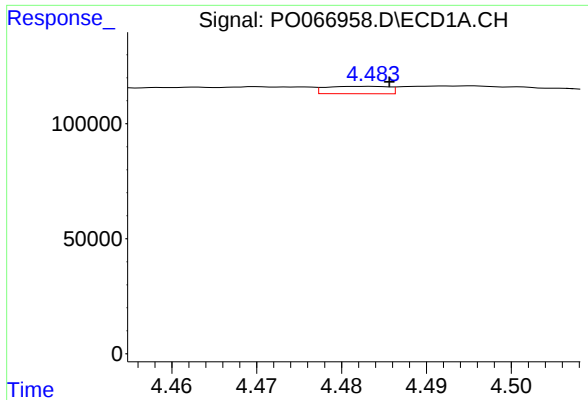
#10 AR-1221-3

R.T.: 4.483 min
Delta R.T.: -0.003 min
Response: 16421
Conc: 13.70 ng/ml



#10 AR-1221-3

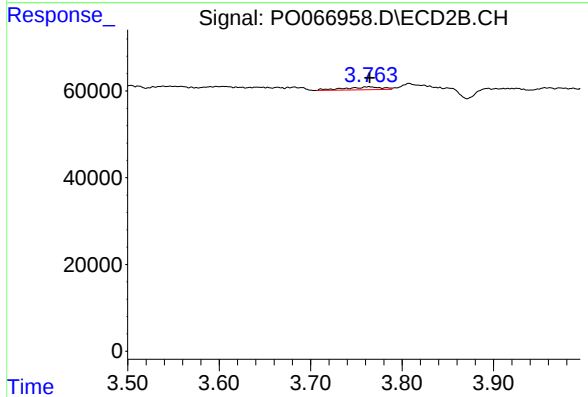
R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 18934
Conc: 18.62 ng/ml



#11 AR-1232-1

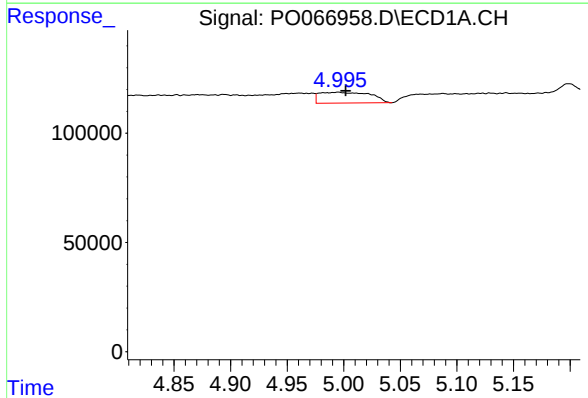
R.T.: 4.483 min
Delta R.T.: -0.003 min
Response: 16421
Conc: 17.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



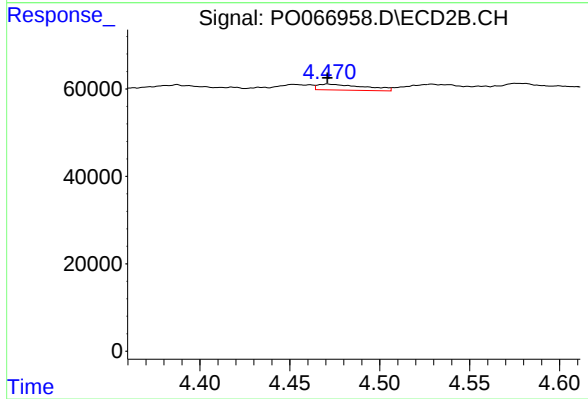
#11 AR-1232-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 18934
Conc: 23.54 ng/ml



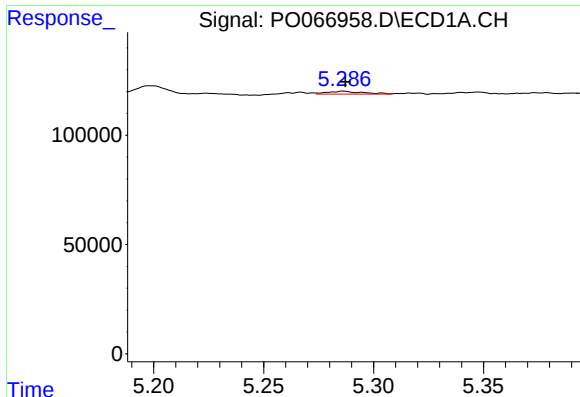
#12 AR-1232-2

R.T.: 4.995 min
Delta R.T.: -0.007 min
Response: 154373
Conc: 308.49 ng/ml



#12 AR-1232-2

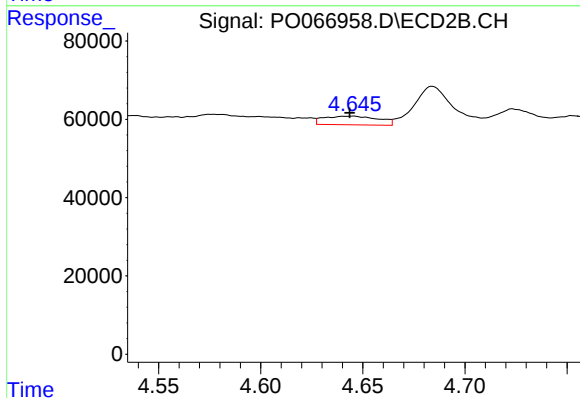
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 24314
Conc: 24.92 ng/ml



#13 AR-1232-3

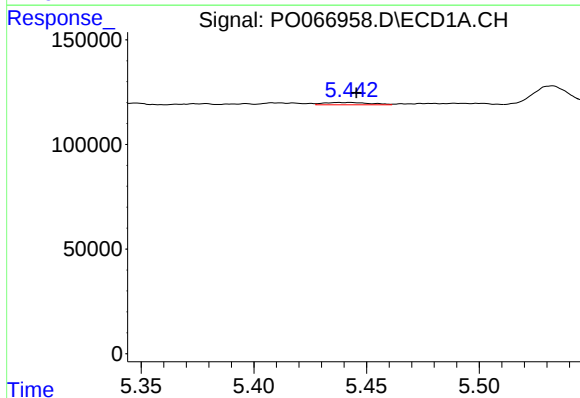
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 15405
Conc: 14.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



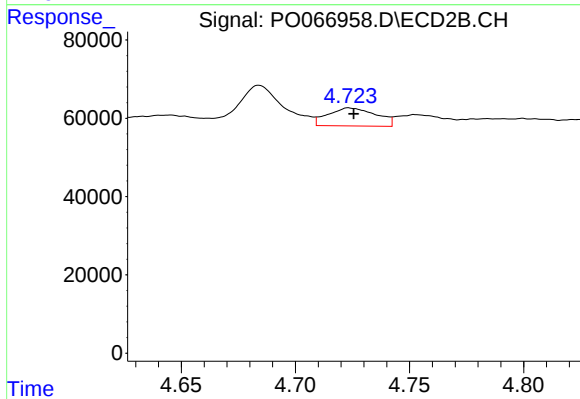
#13 AR-1232-3

R.T.: 4.645 min
Delta R.T.: 0.001 min
Response: 40986
Conc: 97.04 ng/ml



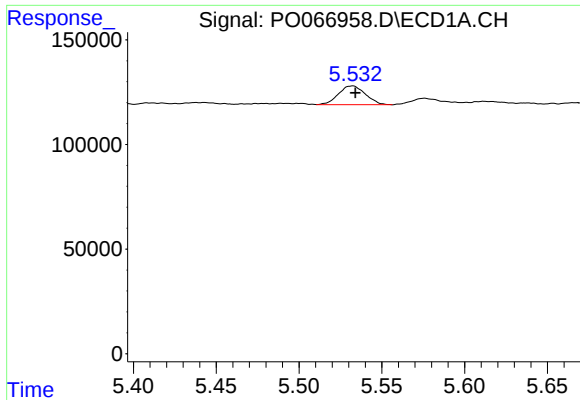
#14 AR-1232-4

R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 16150
Conc: 33.74 ng/ml



#14 AR-1232-4

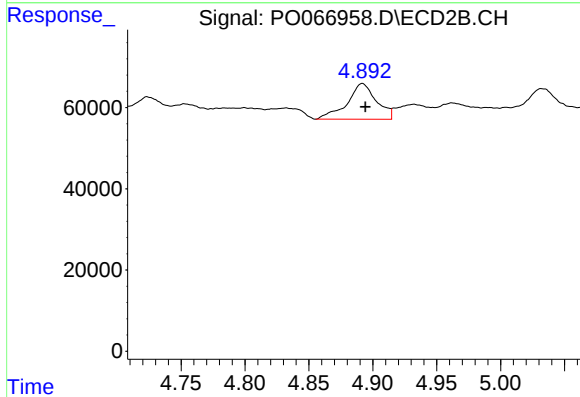
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 67384
Conc: 177.89 ng/ml



#15 AR-1232-5

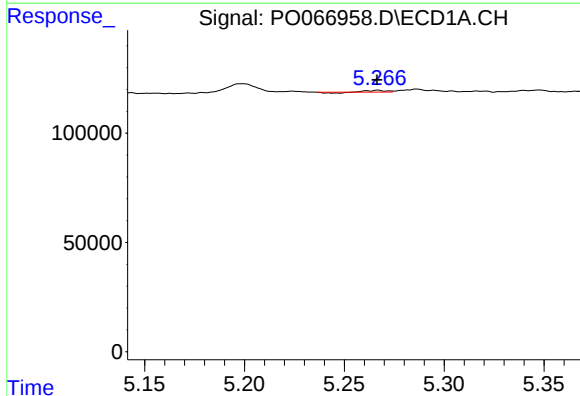
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 102113
Conc: 296.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



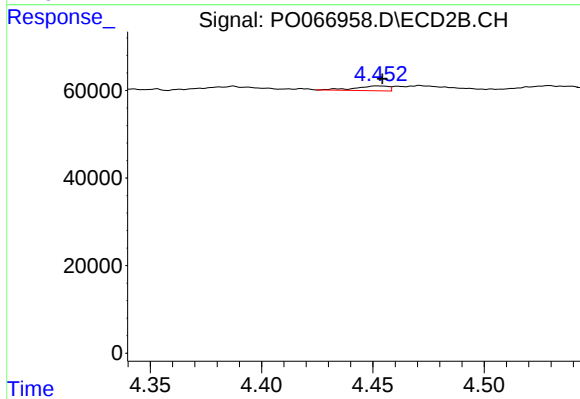
#15 AR-1232-5

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 140042
Conc: 321.19 ng/ml



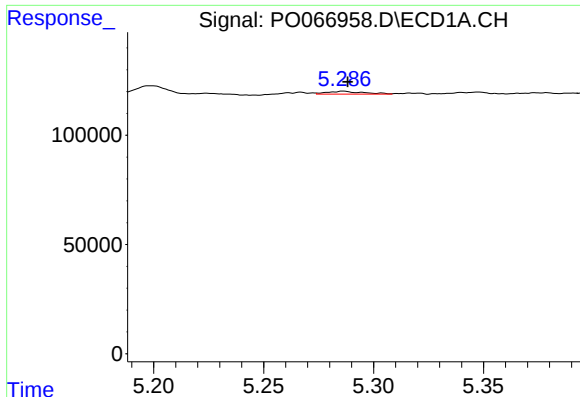
#16 AR-1242-1

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 3345
Conc: 2.87 ng/ml



#16 AR-1242-1

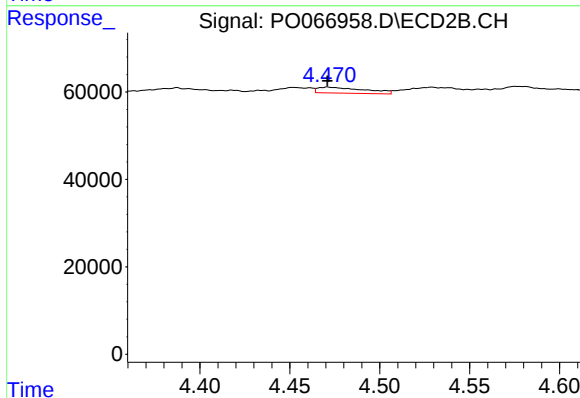
R.T.: 4.452 min
Delta R.T.: -0.002 min
Response: 11382
Conc: 13.47 ng/ml



#17 AR-1242-2

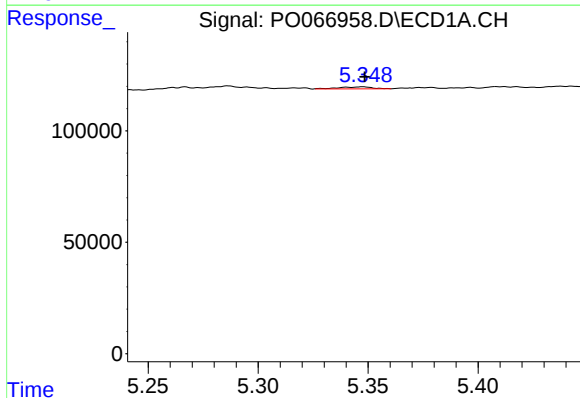
R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 15405
Conc: 8.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



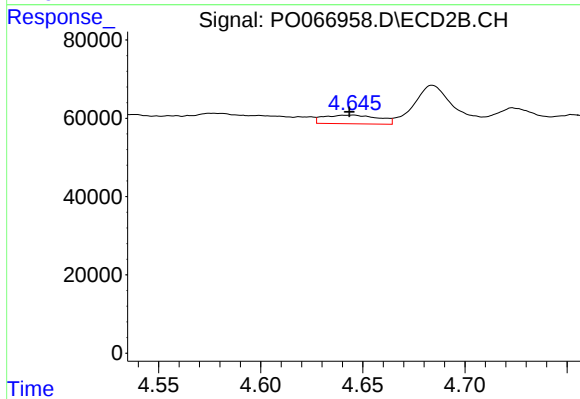
#17 AR-1242-2

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 24314
Conc: 14.03 ng/ml



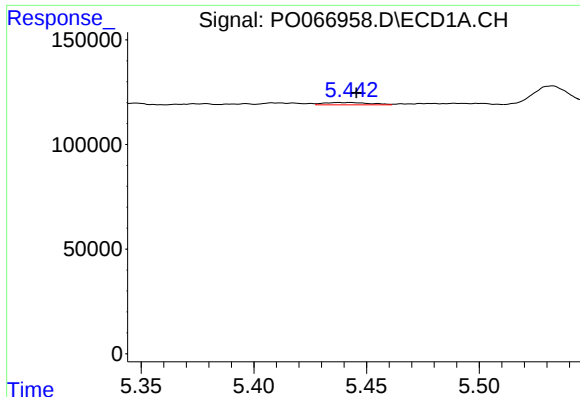
#18 AR-1242-3

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 9387
Conc: 8.70 ng/ml



#18 AR-1242-3

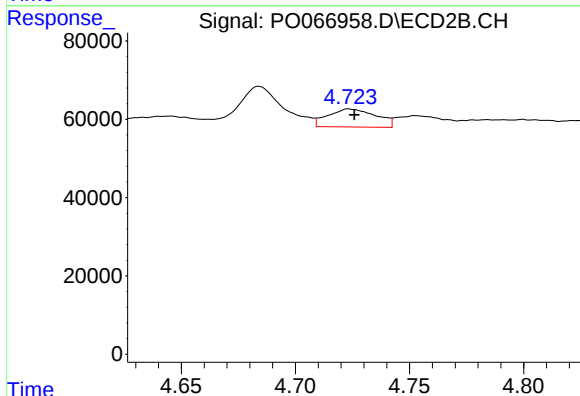
R.T.: 4.645 min
Delta R.T.: 0.001 min
Response: 40986
Conc: 51.50 ng/ml



#19 AR-1242-4

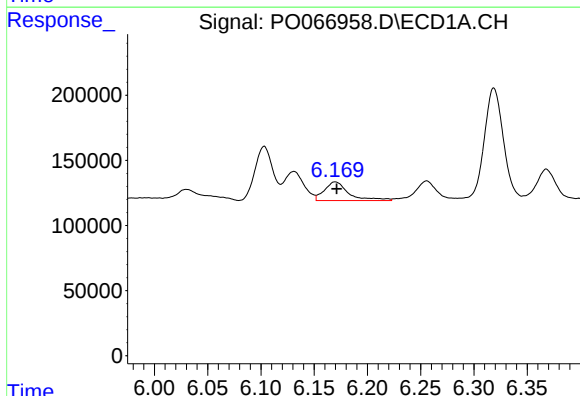
R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 16150
Conc: 17.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



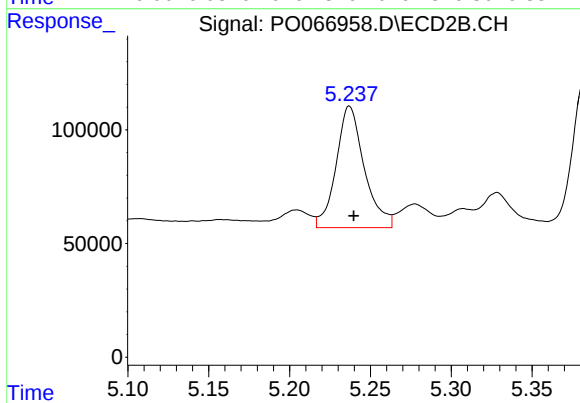
#19 AR-1242-4

R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 67384
Conc: 87.50 ng/ml



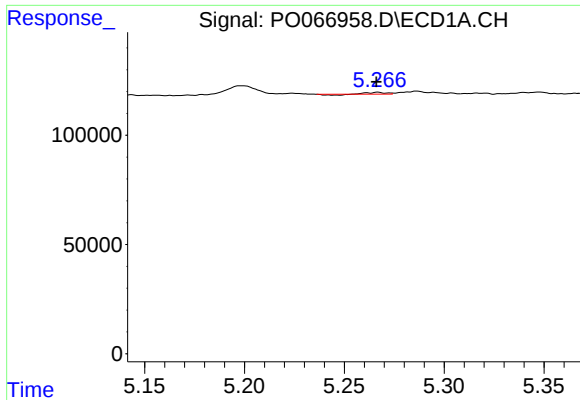
#20 AR-1242-5

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 227531
Conc: 217.88 ng/ml



#20 AR-1242-5

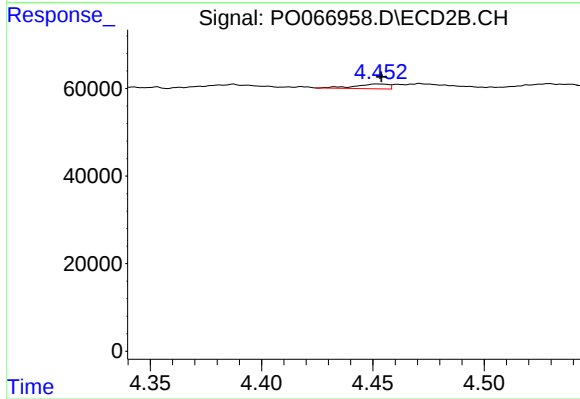
R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 649443
Conc: 648.39 ng/ml



#21 AR-1248-1

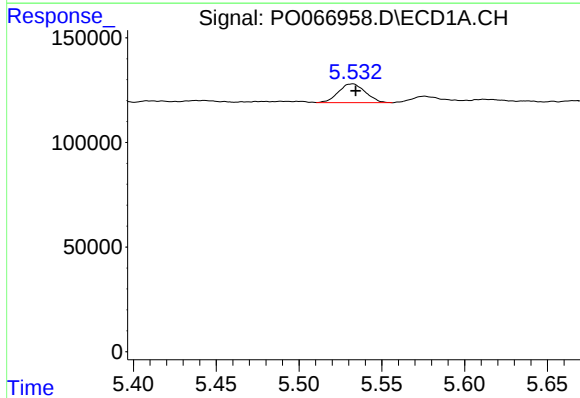
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 3345
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



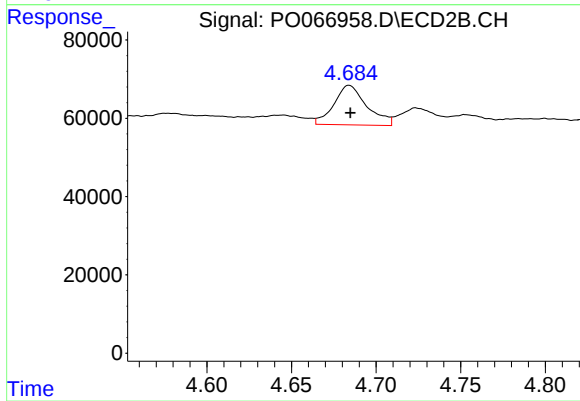
#21 AR-1248-1

R.T.: 4.452 min
Delta R.T.: -0.001 min
Response: 11382
Conc: 16.43 ng/ml



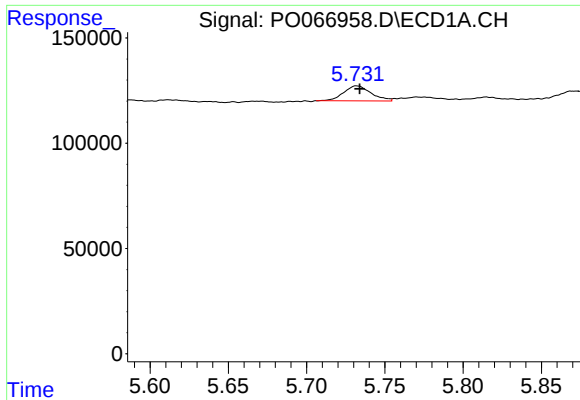
#22 AR-1248-2

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 102113
Conc: 80.74 ng/ml



#22 AR-1248-2

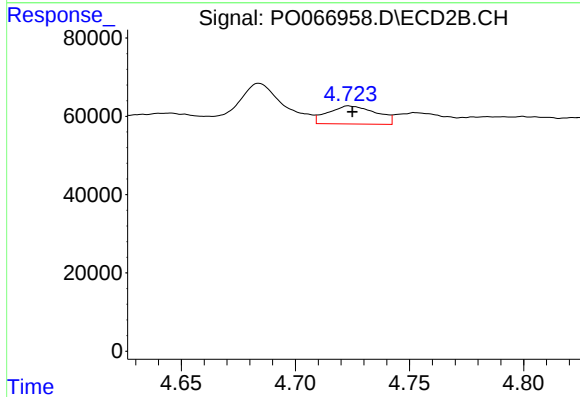
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 136448
Conc: 123.61 ng/ml



#23 AR-1248-3

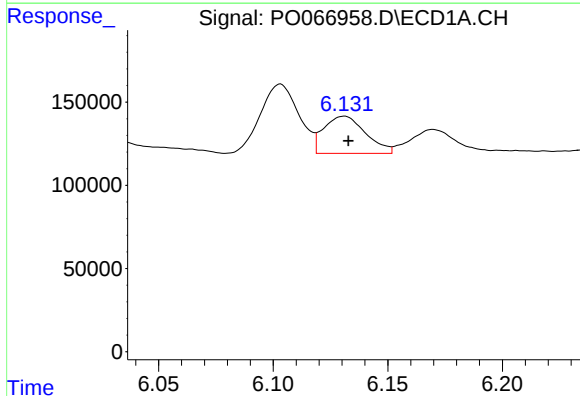
R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 87376
Conc: 57.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



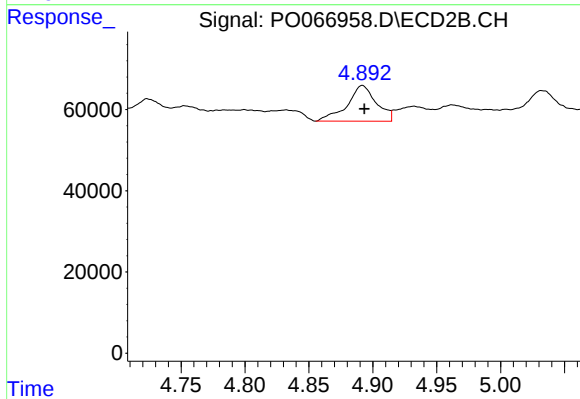
#23 AR-1248-3

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 67384
Conc: 59.72 ng/ml



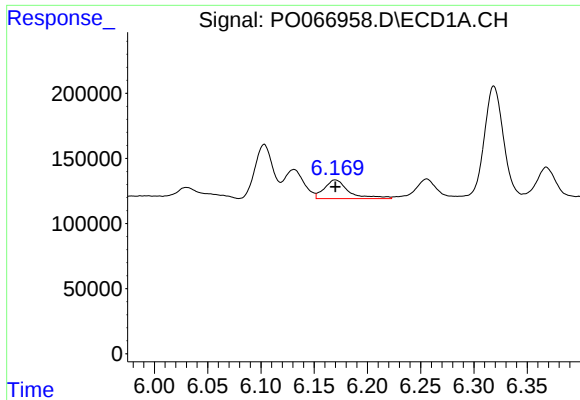
#24 AR-1248-4

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 283492
Conc: 155.81 ng/ml



#24 AR-1248-4

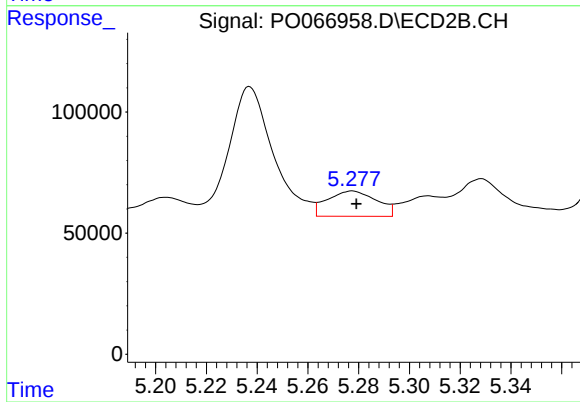
R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 140042
Conc: 99.61 ng/ml



#25 AR-1248-5

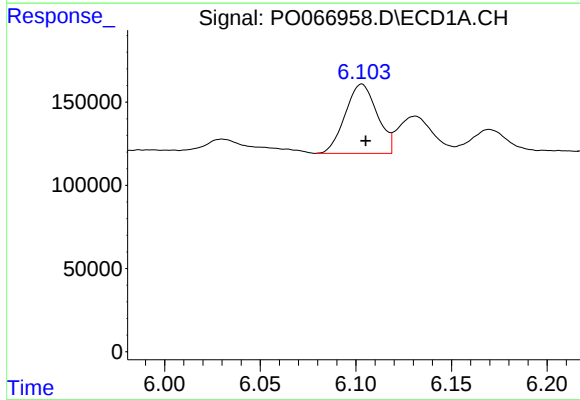
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 227531
Conc: 129.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



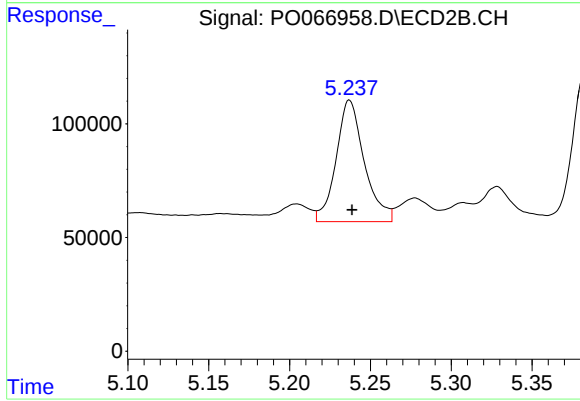
#25 AR-1248-5

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 140750
Conc: 102.09 ng/ml



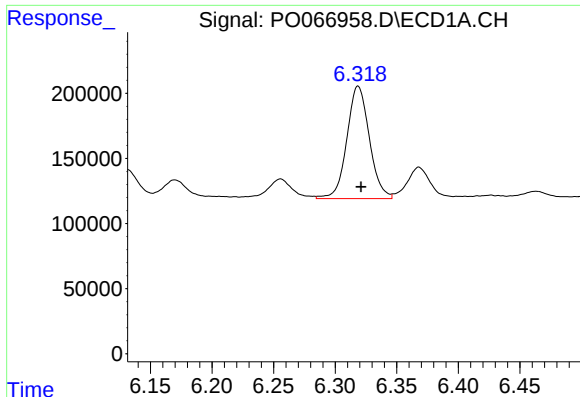
#26 AR-1254-1

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 484617
Conc: 262.08 ng/ml



#26 AR-1254-1

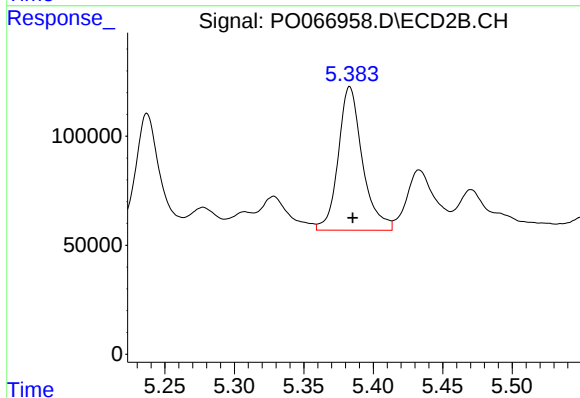
R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 649443
Conc: 287.91 ng/ml



#27 AR-1254-2

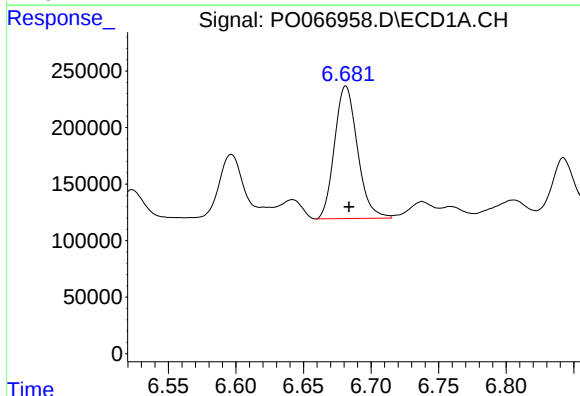
R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 1099069
Conc: 363.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



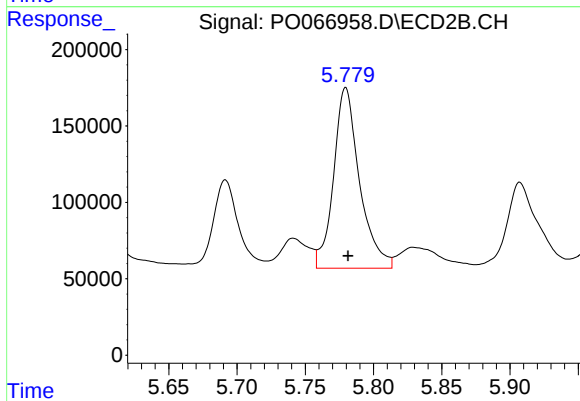
#27 AR-1254-2

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 798105
Conc: 404.72 ng/ml



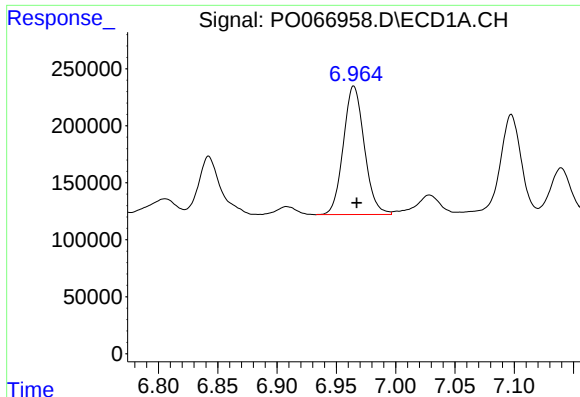
#28 AR-1254-3

R.T.: 6.681 min
Delta R.T.: -0.002 min
Response: 1384121
Conc: 444.39 ng/ml



#28 AR-1254-3

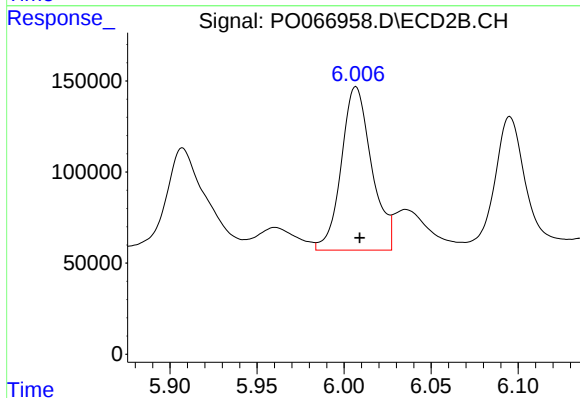
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1563710
Conc: 487.73 ng/ml



#29 AR-1254-4

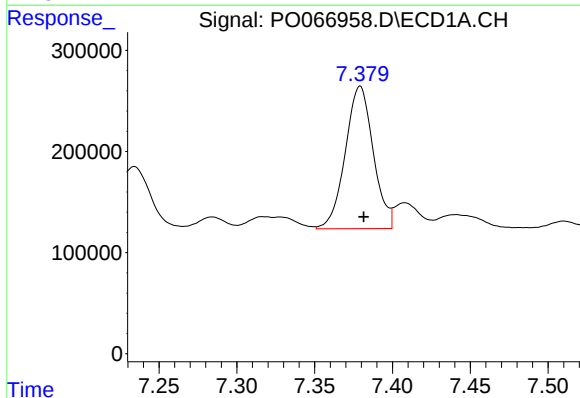
R.T.: 6.965 min
Delta R.T.: -0.002 min
Response: 1386865
Conc: 544.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



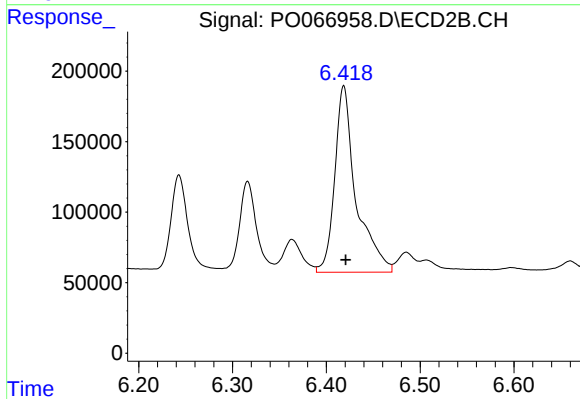
#29 AR-1254-4

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 1087301
Conc: 614.34 ng/ml



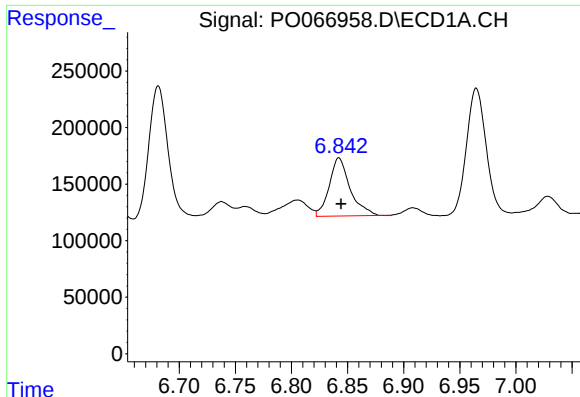
#30 AR-1254-5

R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 1763484
Conc: 654.97 ng/ml



#30 AR-1254-5

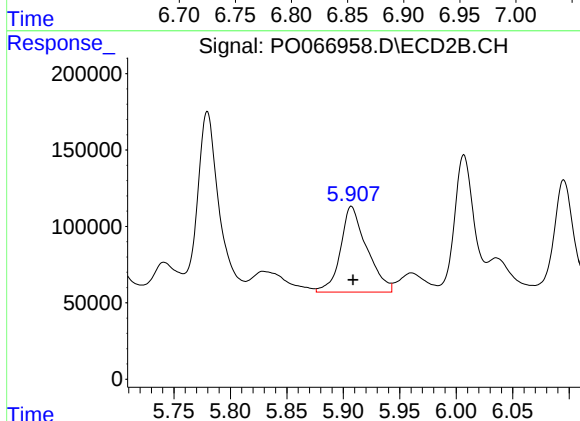
R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 2086767
Conc: 694.69 ng/ml



#31 AR-1260-1

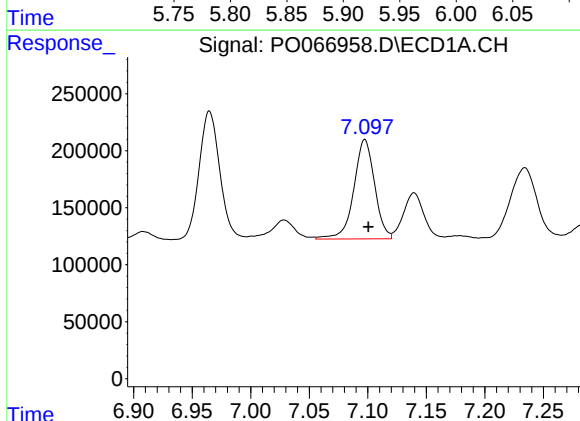
R.T.: 6.842 min
Delta R.T.: -0.002 min
Response: 665206
Conc: 237.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



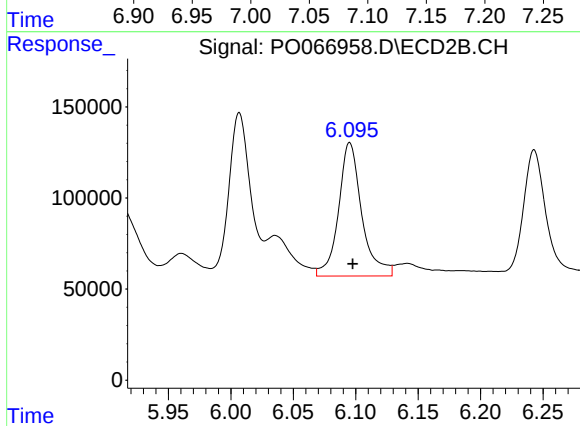
#31 AR-1260-1

R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 909793
Conc: 346.78 ng/ml



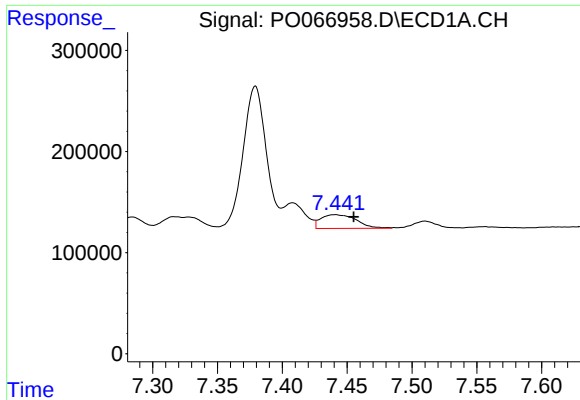
#32 AR-1260-2

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 1081164
Conc: 262.06 ng/ml



#32 AR-1260-2

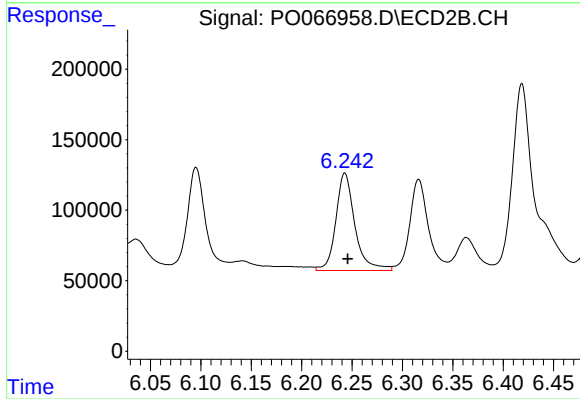
R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 948861
Conc: 291.04 ng/ml



#33 AR-1260-3

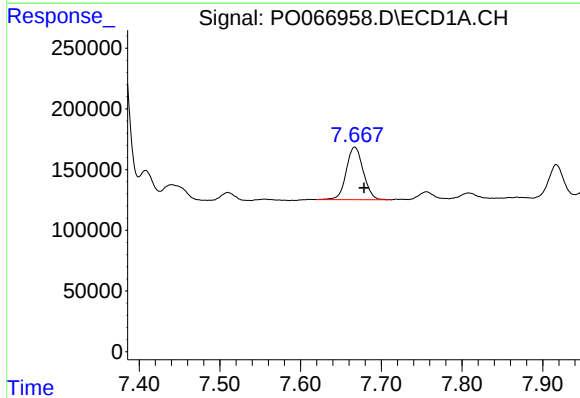
R.T.: 7.440 min
Delta R.T.: -0.015 min
Response: 259792
Conc: 72.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



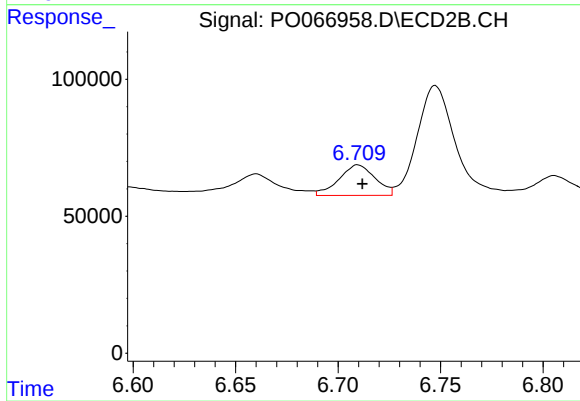
#33 AR-1260-3

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 907975
Conc: 301.23 ng/ml



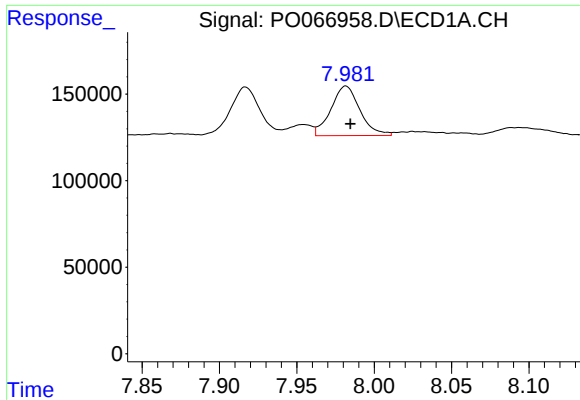
#34 AR-1260-4

R.T.: 7.667 min
Delta R.T.: -0.012 min
Response: 632808
Conc: 196.60 ng/ml



#34 AR-1260-4

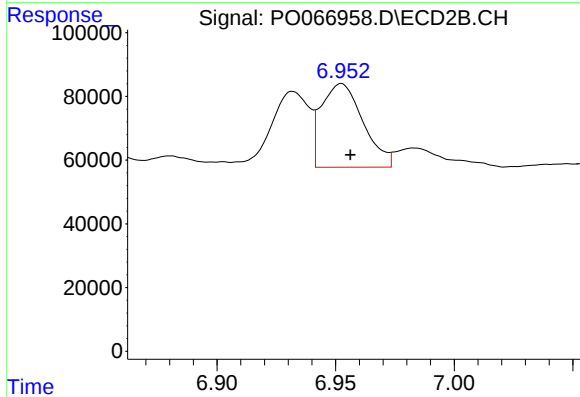
R.T.: 6.710 min
Delta R.T.: -0.002 min
Response: 136402
Conc: 51.87 ng/ml



#35 AR-1260-5

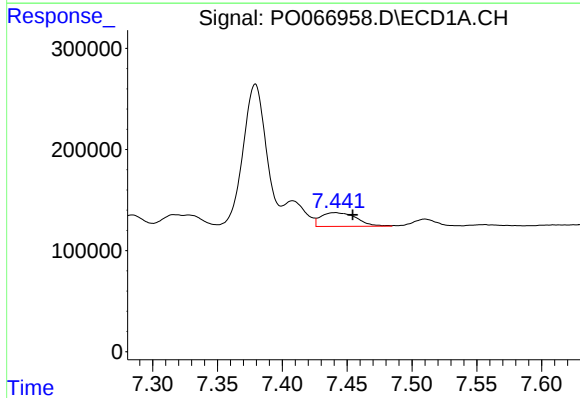
R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 373817
Conc: 53.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



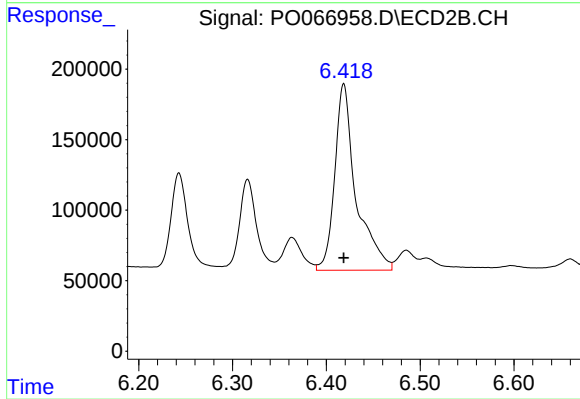
#35 AR-1260-5

R.T.: 6.952 min
Delta R.T.: -0.004 min
Response: 321558
Conc: 52.30 ng/ml



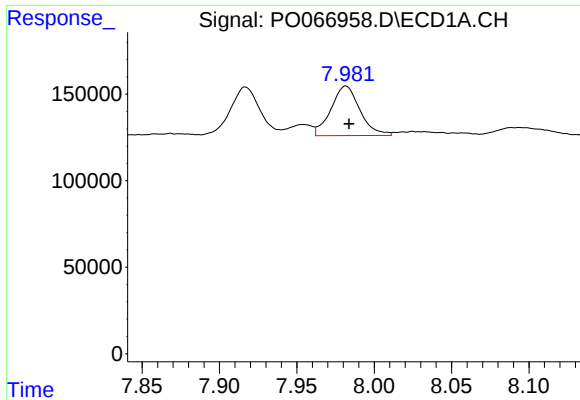
#36 AR-1262-1

R.T.: 7.440 min
Delta R.T.: -0.014 min
Response: 259792
Conc: 60.32 ng/ml



#36 AR-1262-1

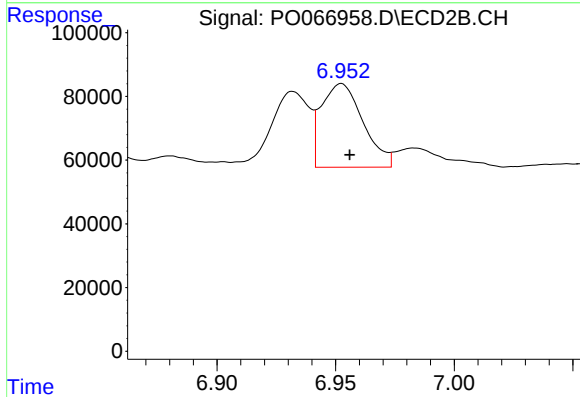
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 2086767
Conc: 1428.57 ng/ml



#37 AR-1262-2

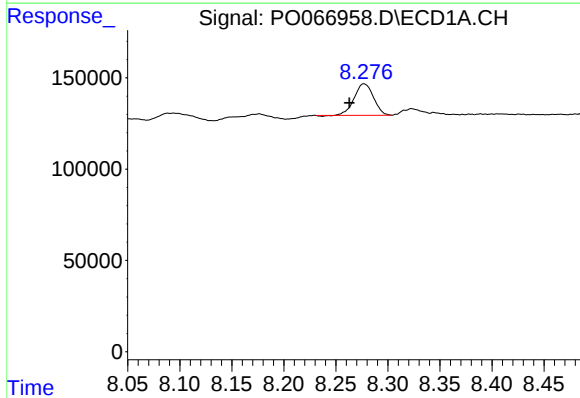
R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 373817
Conc: 55.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



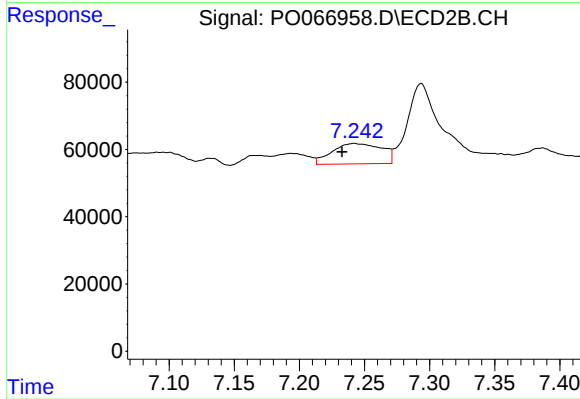
#37 AR-1262-2

R.T.: 6.952 min
Delta R.T.: -0.004 min
Response: 321558
Conc: 58.39 ng/ml



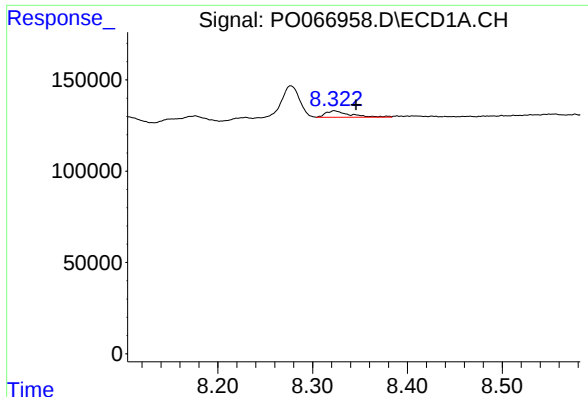
#38 AR-1262-3

R.T.: 8.277 min
Delta R.T.: 0.014 min
Response: 223638
Conc: 52.25 ng/ml



#38 AR-1262-3

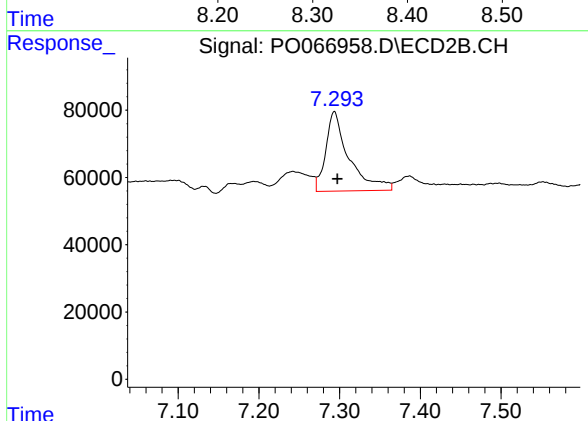
R.T.: 7.242 min
Delta R.T.: 0.009 min
Response: 161264
Conc: 69.66 ng/ml



#39 AR-1262-4

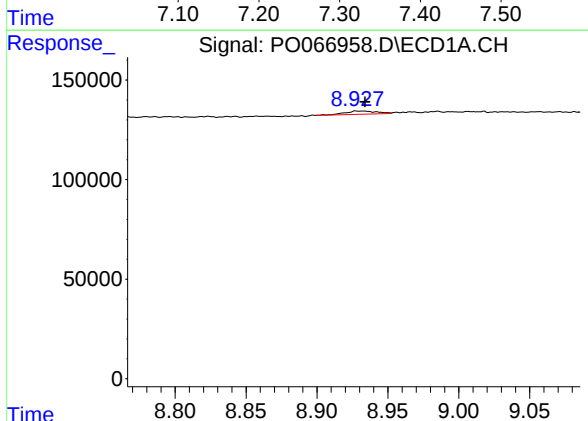
R.T.: 8.323 min
Delta R.T.: -0.023 min
Response: 63654
Conc: 18.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



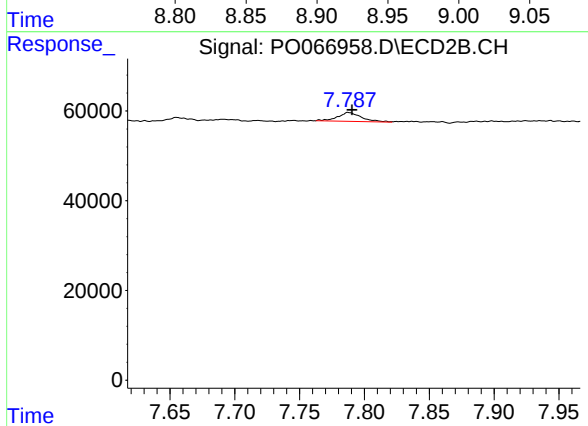
#39 AR-1262-4

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 473701
Conc: 107.33 ng/ml



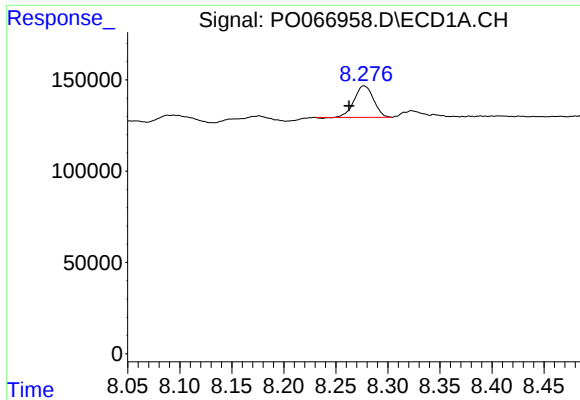
#40 AR-1262-5

R.T.: 8.928 min
Delta R.T.: -0.006 min
Response: 24850
Conc: 11.90 ng/ml



#40 AR-1262-5

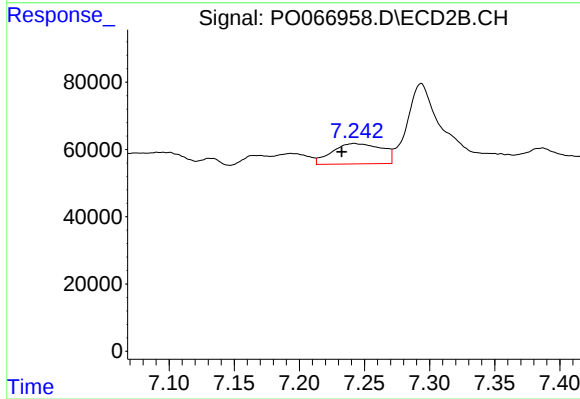
R.T.: 7.788 min
Delta R.T.: -0.003 min
Response: 24903
Conc: 13.10 ng/ml



#41 AR-1268-1

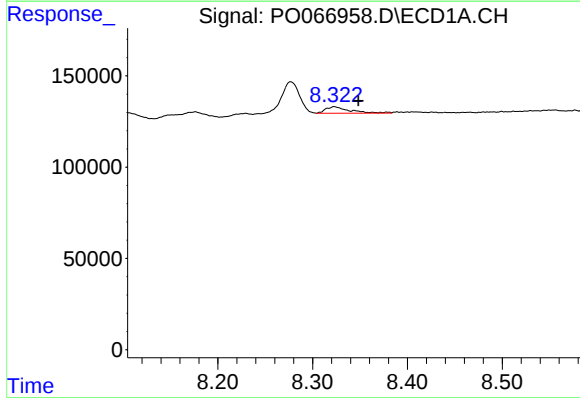
R.T.: 8.277 min
Delta R.T.: 0.014 min
Response: 223638
Conc: 25.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



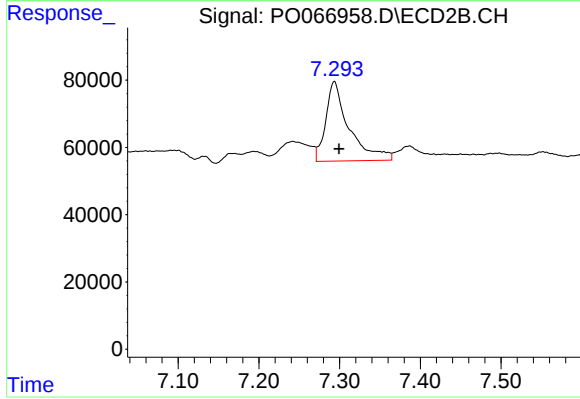
#41 AR-1268-1

R.T.: 7.242 min
Delta R.T.: 0.010 min
Response: 161264
Conc: 22.94 ng/ml



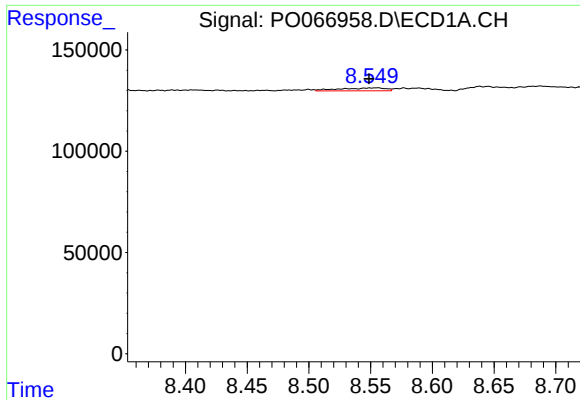
#42 AR-1268-2

R.T.: 8.323 min
Delta R.T.: -0.025 min
Response: 63654
Conc: 8.52 ng/ml



#42 AR-1268-2

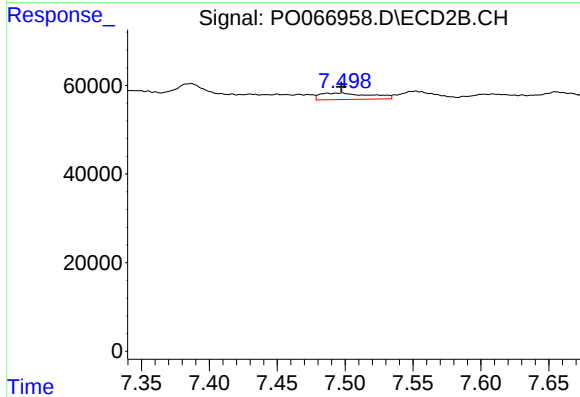
R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 473701
Conc: 71.20 ng/ml



#43 AR-1268-3

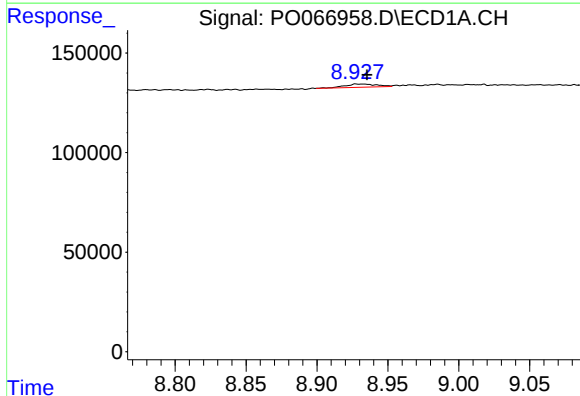
R.T.: 8.555 min
Delta R.T.: 0.007 min
Response: 38718
Conc: 6.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



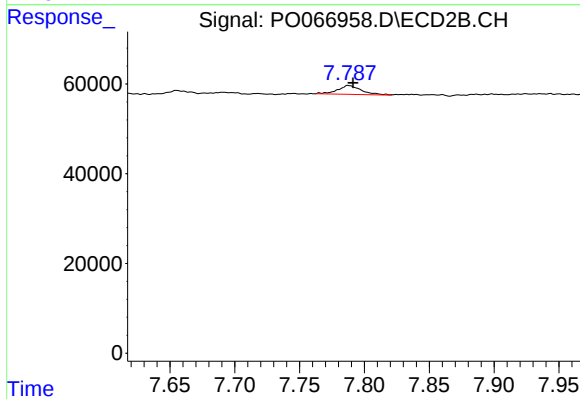
#43 AR-1268-3

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 37486
Conc: 6.77 ng/ml



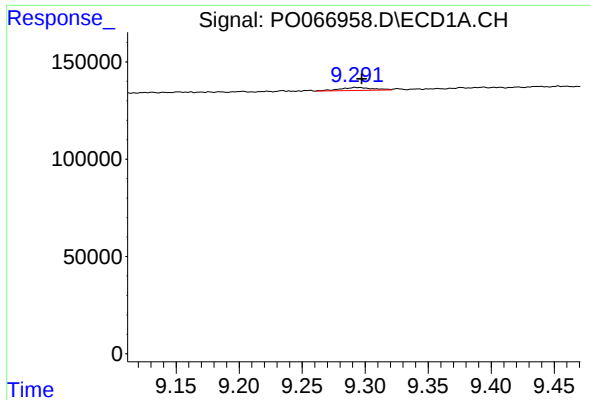
#44 AR-1268-4

R.T.: 8.928 min
Delta R.T.: -0.007 min
Response: 24850
Conc: 10.25 ng/ml



#44 AR-1268-4

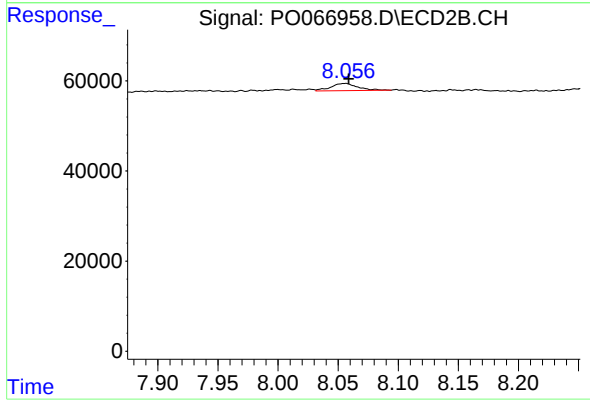
R.T.: 7.788 min
Delta R.T.: -0.003 min
Response: 24903
Conc: 10.83 ng/ml



#45 AR-1268-5

R.T.: 9.293 min
Delta R.T.: -0.005 min
Response: 28221
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
Test 1254



#45 AR-1268-5

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 25018
Conc: 1.43 ng/ml