

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120619\
 Data File : PO064423.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Dec 2019 12:45
 Operator : SM/AJ
 Sample : K6145-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TH-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 13:21:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.310	3.560	742096	680872	25.058	28.626
2)	SA Decachlor...	9.933	8.518	394607	387296	9.628	9.481
Target Compounds							
3)	L1 AR-1016-1	5.492	4.573	49007	31496	37.751	30.082
4)	L1 AR-1016-2	5.492	0.000	49007	0	26.881	N.D. #
5)	L1 AR-1016-3	5.555	4.831	4894	18767	4.264	24.366 #
6)	L1 AR-1016-4	5.654	4.869	6400	50745	6.805	78.006 #
7)	L1 AR-1016-5	5.949	5.023	28732	71751	29.526	86.185 #
8)	L2 AR-1221-1	4.501	3.760	21705	154309	61.096	589.835 #
9)	L2 AR-1221-2	4.616	3.860	66543	163309	240.674	817.142 #
10)	L2 AR-1221-3	4.691	3.973	41478	138010	49.397	213.426 #
11)	L3 AR-1232-1	4.691	3.973	41478	138010	32.352	136.278 #
12)	L3 AR-1232-2	5.215	0.000	47479	0	67.583	N.D. #
13)	L3 AR-1232-3	5.492	4.831	49007	18767	35.388	32.282
14)	L3 AR-1232-4	5.654	4.936	6400	60922	8.995	114.755 #
15)	L3 AR-1232-5	5.745	5.023	24863	71751	44.145	122.542 #
16)	L4 AR-1242-1	5.492	4.573	49007	31496	51.467	41.133
17)	L4 AR-1242-2	5.492	0.000	49007	0	36.285	N.D. #
18)	L4 AR-1242-3	5.555	4.831	4894	18767	5.703	33.488 #
19)	L4 AR-1242-4	5.654	4.936	6400	60922	9.153	107.412 #
20)	L4 AR-1242-5	6.388	5.431	23606	106151	27.942	135.259 #
21)	L5 AR-1248-1	5.492	4.573	49007	31496	87.371	70.142
22)	L5 AR-1248-2	5.745	4.869	24863	50745	30.002	80.702 #
23)	L5 AR-1248-3	5.949	4.936	28732	60922	31.235	94.419 #
24)	L5 AR-1248-4	6.352	5.023	60892	71751	54.937	91.024 #
25)	L5 AR-1248-5	6.388	5.431	23606	106151	22.001	87.615 #
26)	L6 AR-1254-1	6.320	5.431	89728	106151	54.976	54.011
27)	L6 AR-1254-2	6.539	5.576	111659	79130	42.833	44.184
28)	L6 AR-1254-3	6.903	5.977	168893	219814	58.516	71.026
29)	L6 AR-1254-4	7.187	6.204	65486	71063	28.594	34.442
30)	L6 AR-1254-5	7.604	6.619	176946	198996	69.248	65.976
31)	L7 AR-1260-1	7.065	6.106	106772	123992	56.578	70.642
32)	L7 AR-1260-2	7.318	6.292	155387	99074	66.442	44.532 #
33)	L7 AR-1260-3	7.677	6.445	35876	94132	19.379	46.297 #
34)	L7 AR-1260-4	7.893	6.915	111794	56785	51.010	30.616 #
35)	L7 AR-1260-5	8.213	7.155	74808	82330	16.944	17.005
36)	L8 AR-1262-1	7.677	6.710	35876	24700	12.016	19.658 #
37)	L8 AR-1262-2	8.213	7.155	74808	82330	13.568	13.801
38)	L8 AR-1262-3	8.527	7.437	68104	33451	17.601	14.349
39)	L8 AR-1262-4	8.601	7.501	31686	131449	10.839	29.519 #
40)	L8 AR-1262-5	9.224	7.994	78437	11257	37.371	5.330 #
41)	L9 AR-1268-1	8.527	7.437	68104	33451	10.446	4.791 #

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 Operator : SM/AJ
 Sample : K6145-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

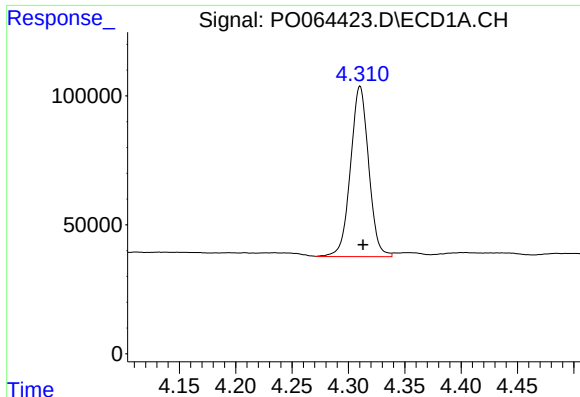
Instrument :
 ECD_O
 ClientSampleId :
 TH-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
42) L9	AR-1268-2	8.601	7.501	31686	131449	5.245	20.531 #
43) L9	AR-1268-3	8.803	0.000	2560	0	0.516	N.D. #
44) L9	AR-1268-4	9.224	7.994	78437	11257	33.525	4.819 #
45) L9	AR-1268-5	9.617	8.272	32786	45792	2.134	2.772 #

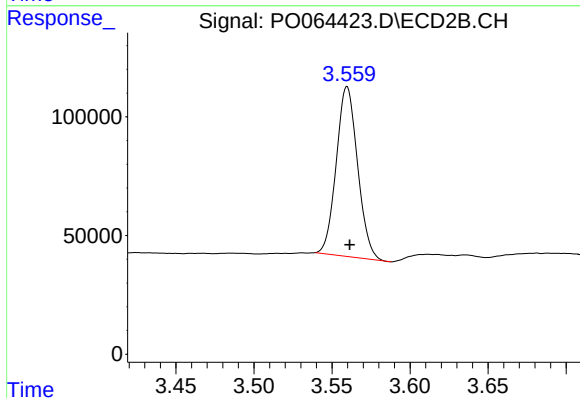
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

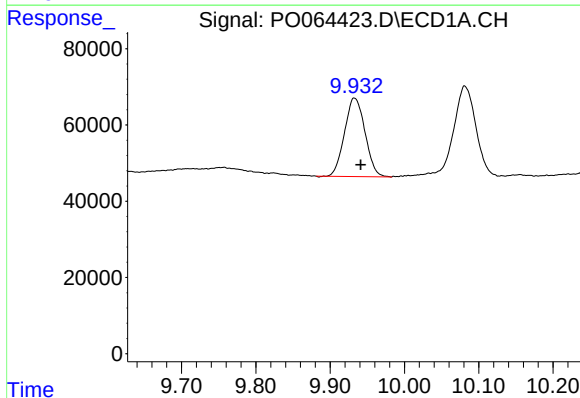
R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 742096
Conc: 25.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



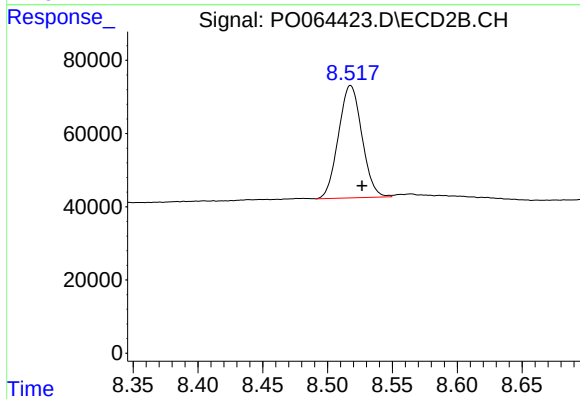
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: -0.002 min
Response: 680872
Conc: 28.63 ng/ml



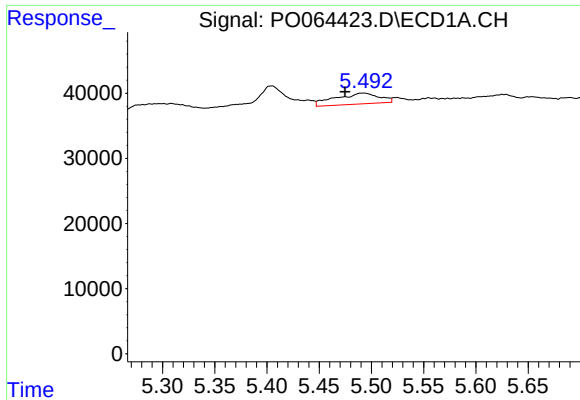
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.009 min
Response: 394607
Conc: 9.63 ng/ml



#2 Decachlorobiphenyl

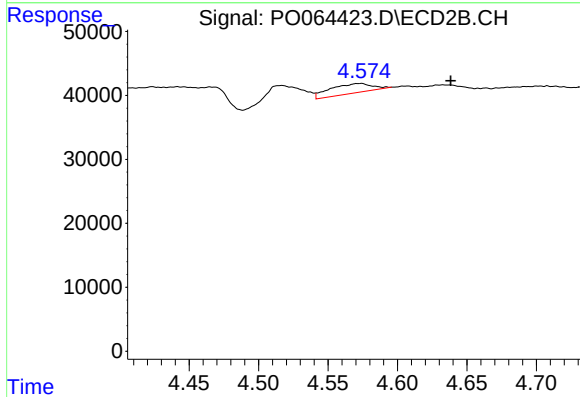
R.T.: 8.518 min
Delta R.T.: -0.009 min
Response: 387296
Conc: 9.48 ng/ml



#3 AR-1016-1

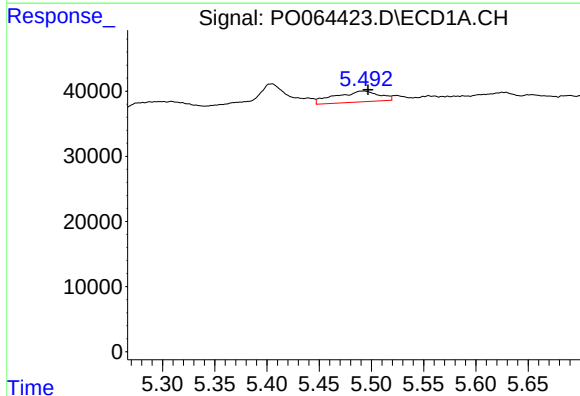
R.T.: 5.492 min
Delta R.T.: 0.018 min
Response: 49007
Conc: 37.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



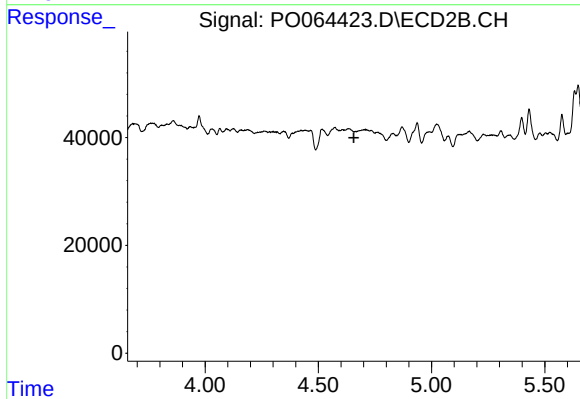
#3 AR-1016-1

R.T.: 4.573 min
Delta R.T.: -0.065 min
Response: 31496
Conc: 30.08 ng/ml



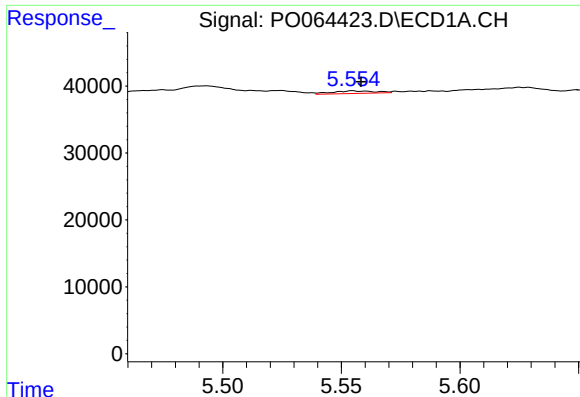
#4 AR-1016-2

R.T.: 5.492 min
Delta R.T.: -0.004 min
Response: 49007
Conc: 26.88 ng/ml



#4 AR-1016-2

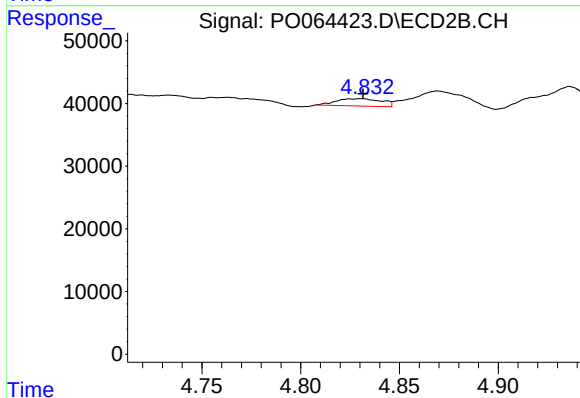
R.T.: 0.000 min
Exp R.T.: 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

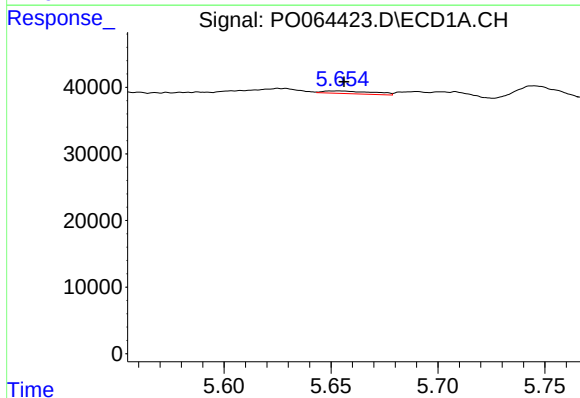
R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 4894
Conc: 4.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



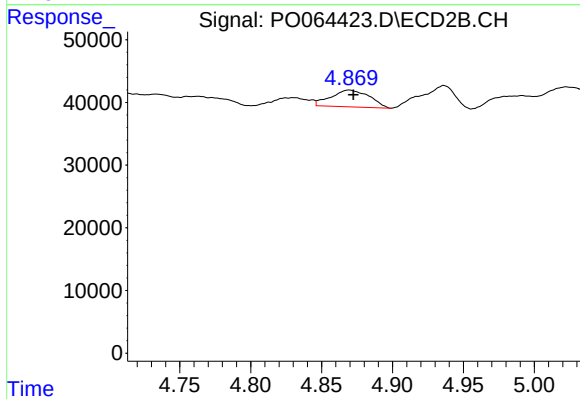
#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 18767
Conc: 24.37 ng/ml



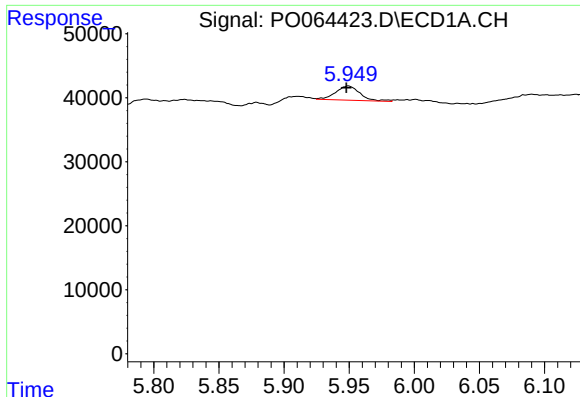
#6 AR-1016-4

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 6400
Conc: 6.80 ng/ml



#6 AR-1016-4

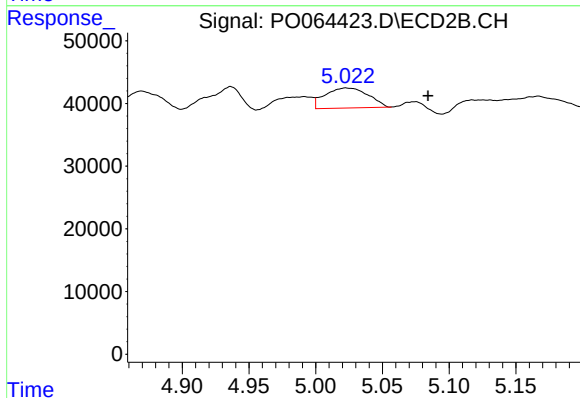
R.T.: 4.869 min
Delta R.T.: -0.003 min
Response: 50745
Conc: 78.01 ng/ml



#7 AR-1016-5

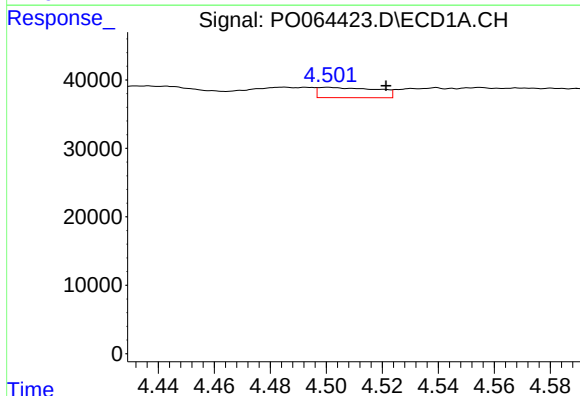
R.T.: 5.949 min
Delta R.T.: 0.001 min
Response: 28732
Conc: 29.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



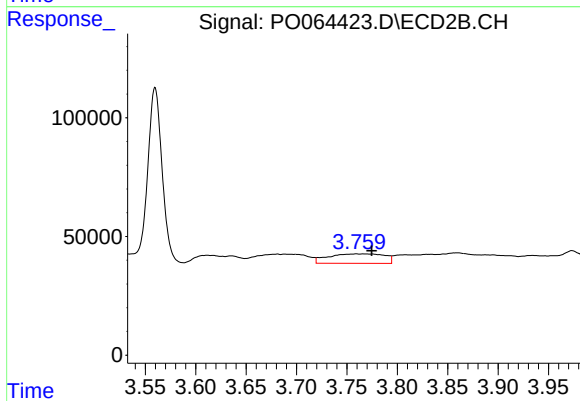
#7 AR-1016-5

R.T.: 5.023 min
Delta R.T.: -0.061 min
Response: 71751
Conc: 86.18 ng/ml



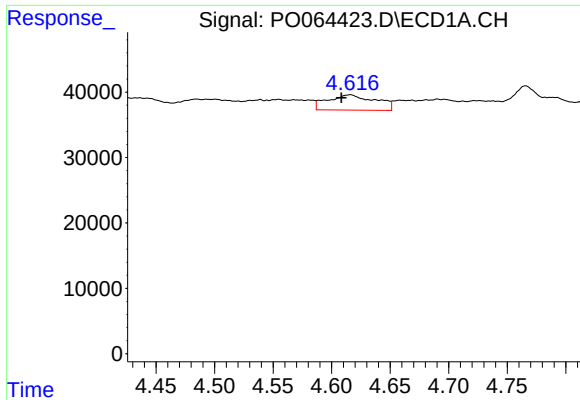
#8 AR-1221-1

R.T.: 4.501 min
Delta R.T.: -0.021 min
Response: 21705
Conc: 61.10 ng/ml



#8 AR-1221-1

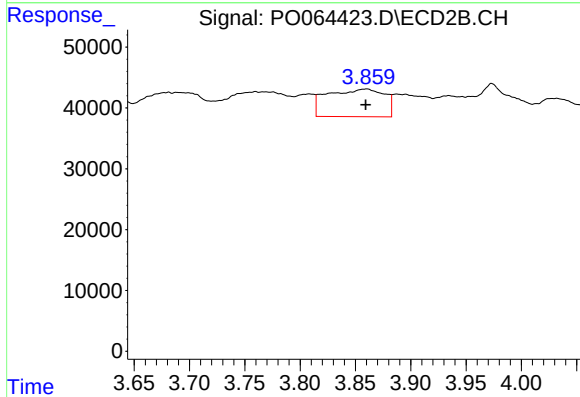
R.T.: 3.760 min
Delta R.T.: -0.015 min
Response: 154309
Conc: 589.83 ng/ml



#9 AR-1221-2

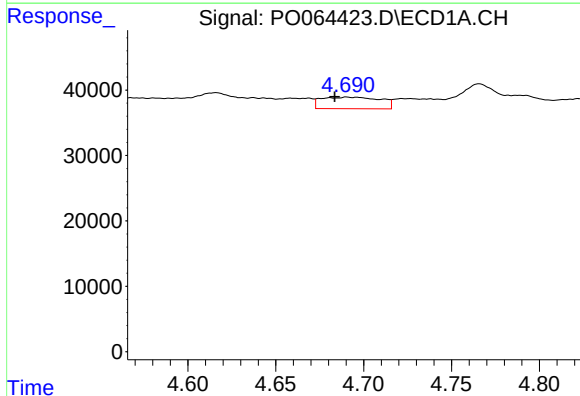
R.T.: 4.616 min
Delta R.T.: 0.008 min
Response: 66543
Conc: 240.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



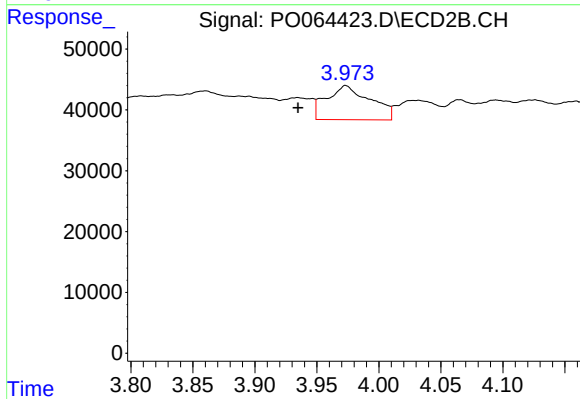
#9 AR-1221-2

R.T.: 3.860 min
Delta R.T.: 0.000 min
Response: 163309
Conc: 817.14 ng/ml



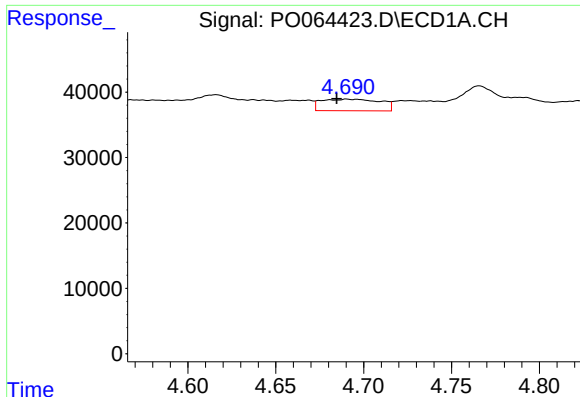
#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.007 min
Response: 41478
Conc: 49.40 ng/ml



#10 AR-1221-3

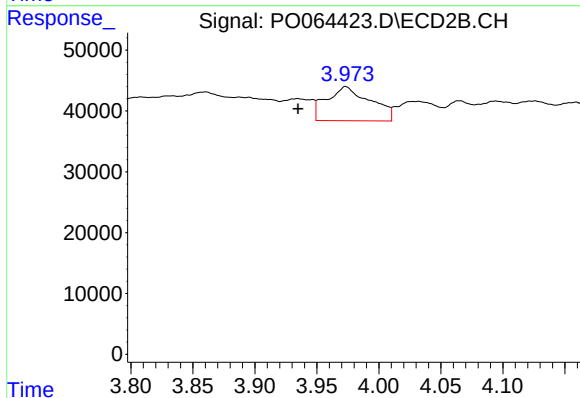
R.T.: 3.973 min
Delta R.T.: 0.038 min
Response: 138010
Conc: 213.43 ng/ml



#11 AR-1232-1

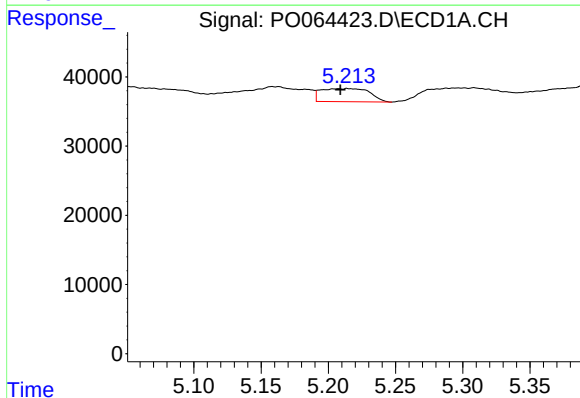
R.T.: 4.691 min
Delta R.T.: 0.006 min
Response: 41478
Conc: 32.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



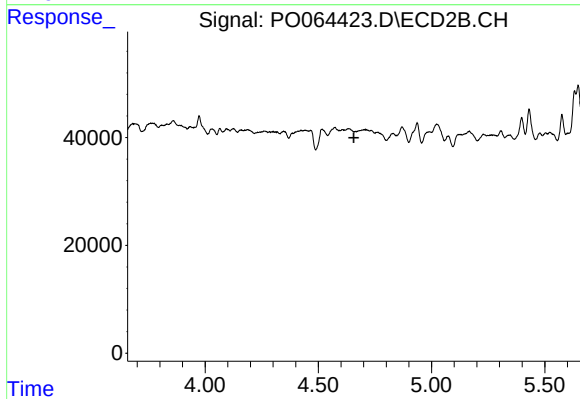
#11 AR-1232-1

R.T.: 3.973 min
Delta R.T.: 0.038 min
Response: 138010
Conc: 136.28 ng/ml



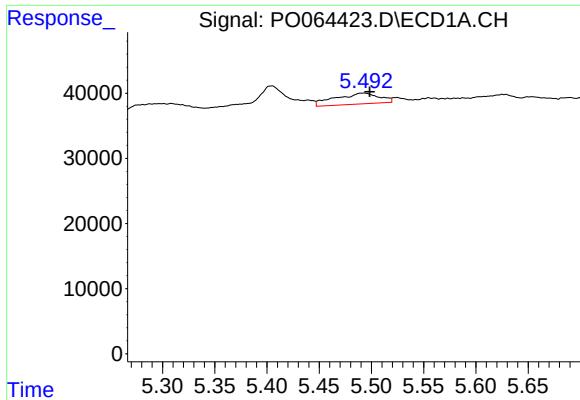
#12 AR-1232-2

R.T.: 5.215 min
Delta R.T.: 0.005 min
Response: 47479
Conc: 67.58 ng/ml



#12 AR-1232-2

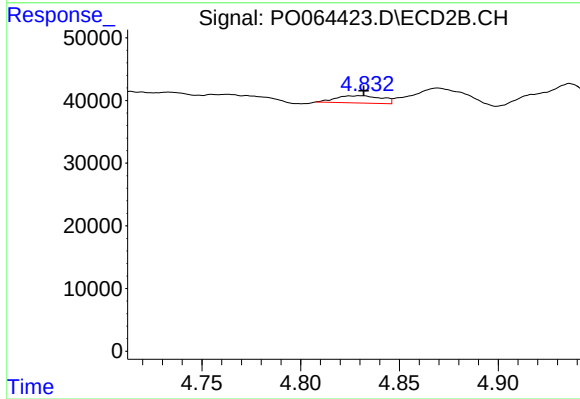
R.T.: 0.000 min
Exp R.T.: 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

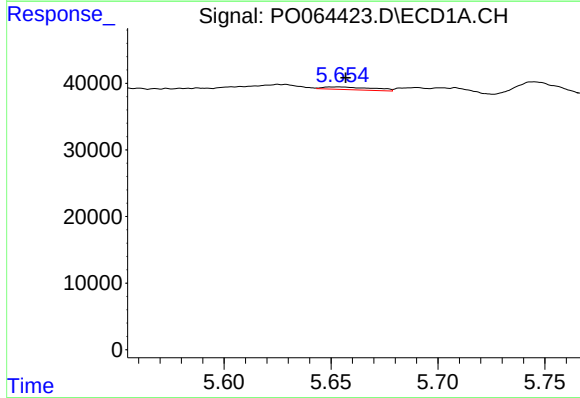
R.T.: 5.492 min
Delta R.T.: -0.006 min
Response: 49007
Conc: 35.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



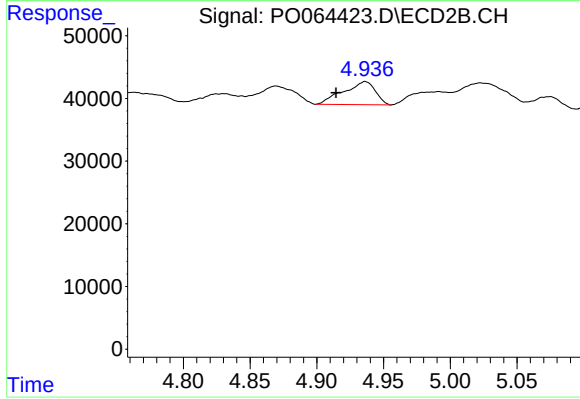
#13 AR-1232-3

R.T.: 4.831 min
Delta R.T.: -0.001 min
Response: 18767
Conc: 32.28 ng/ml



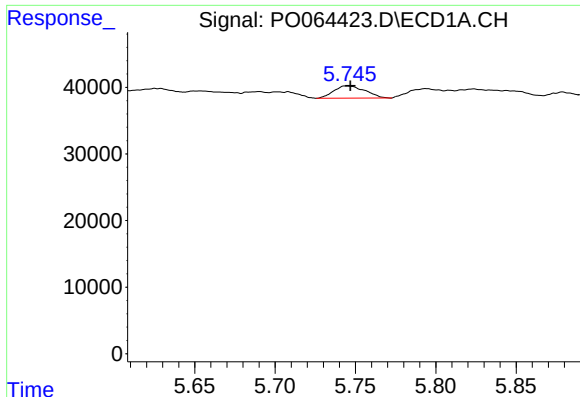
#14 AR-1232-4

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 6400
Conc: 8.99 ng/ml



#14 AR-1232-4

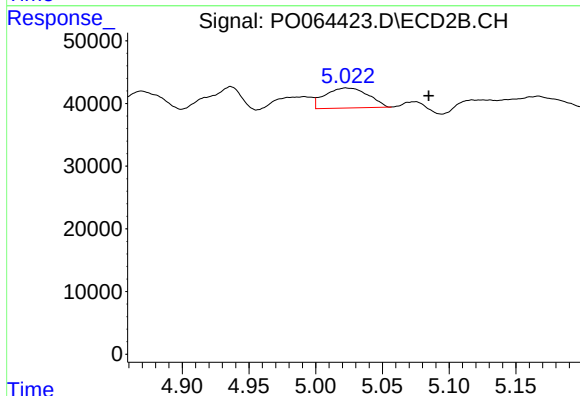
R.T.: 4.936 min
Delta R.T.: 0.022 min
Response: 60922
Conc: 114.76 ng/ml



#15 AR-1232-5

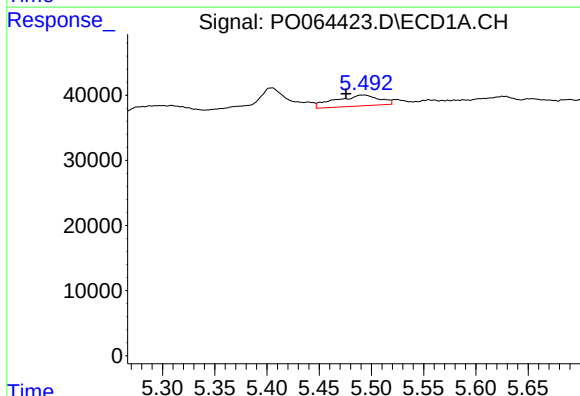
R.T.: 5.745 min
Delta R.T.: -0.002 min
Response: 24863
Conc: 44.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
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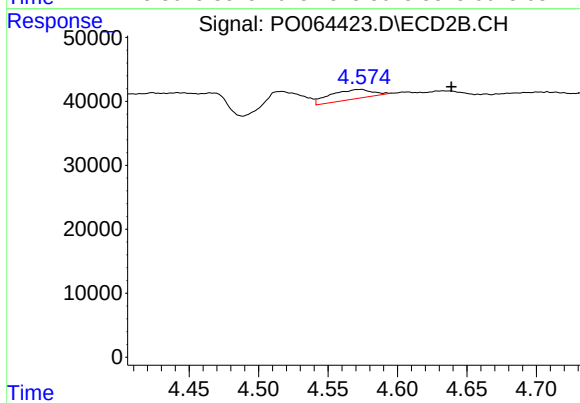
#15 AR-1232-5

R.T.: 5.023 min
Delta R.T.: -0.062 min
Response: 71751
Conc: 122.54 ng/ml



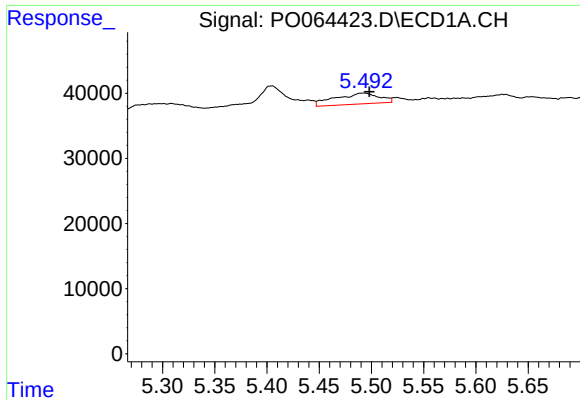
#16 AR-1242-1

R.T.: 5.492 min
Delta R.T.: 0.017 min
Response: 49007
Conc: 51.47 ng/ml



#16 AR-1242-1

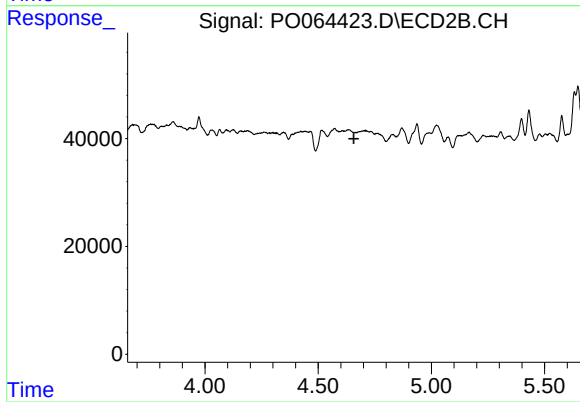
R.T.: 4.573 min
Delta R.T.: -0.065 min
Response: 31496
Conc: 41.13 ng/ml



#17 AR-1242-2

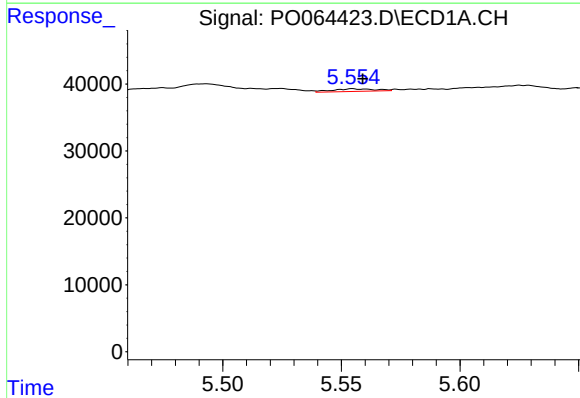
R.T.: 5.492 min
Delta R.T.: -0.006 min
Response: 49007
Conc: 36.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



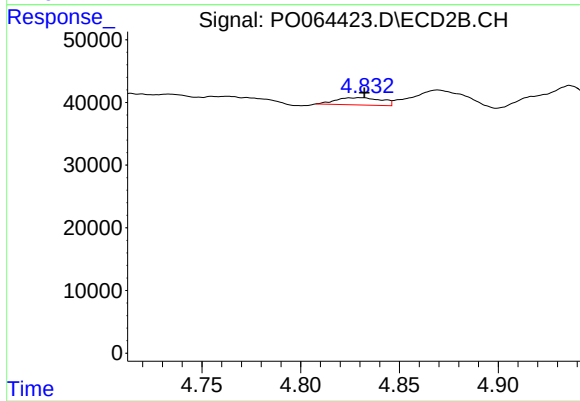
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



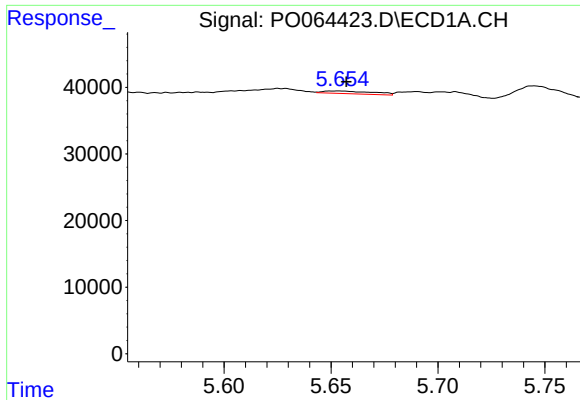
#18 AR-1242-3

R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 4894
Conc: 5.70 ng/ml



#18 AR-1242-3

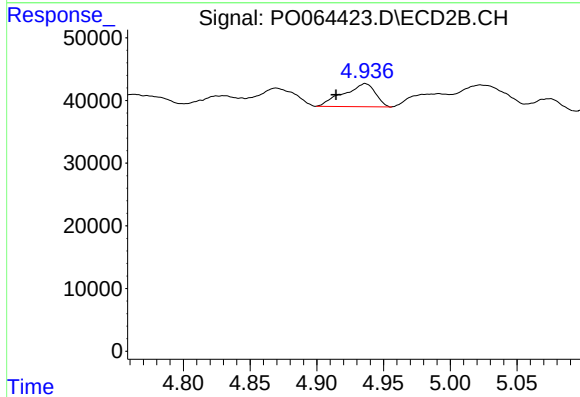
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 18767
Conc: 33.49 ng/ml



#19 AR-1242-4

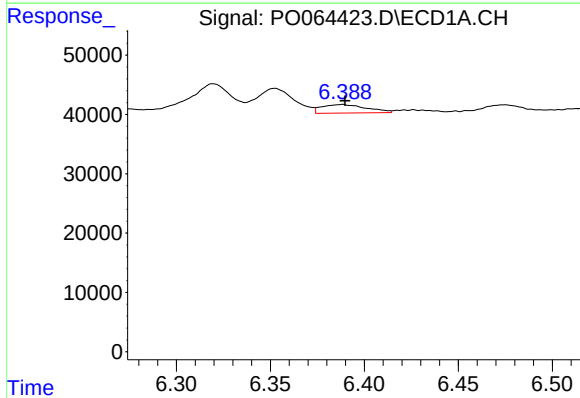
R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 6400
Conc: 9.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



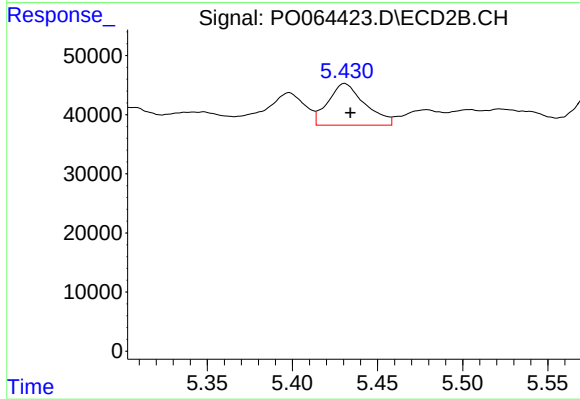
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: 0.022 min
Response: 60922
Conc: 107.41 ng/ml



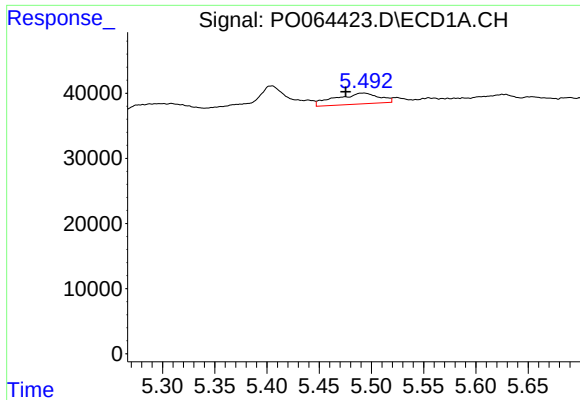
#20 AR-1242-5

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 23606
Conc: 27.94 ng/ml



#20 AR-1242-5

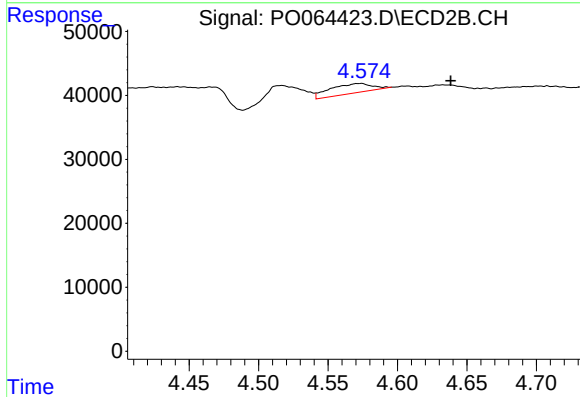
R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 106151
Conc: 135.26 ng/ml



#21 AR-1248-1

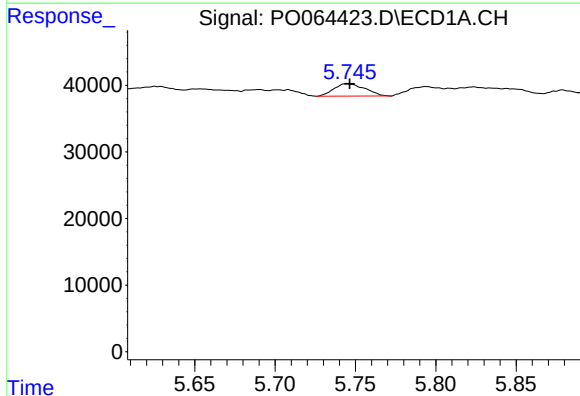
R.T.: 5.492 min
Delta R.T.: 0.017 min
Response: 49007
Conc: 87.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



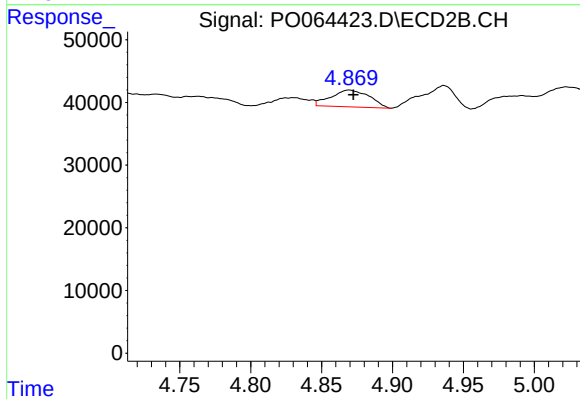
#21 AR-1248-1

R.T.: 4.573 min
Delta R.T.: -0.065 min
Response: 31496
Conc: 70.14 ng/ml



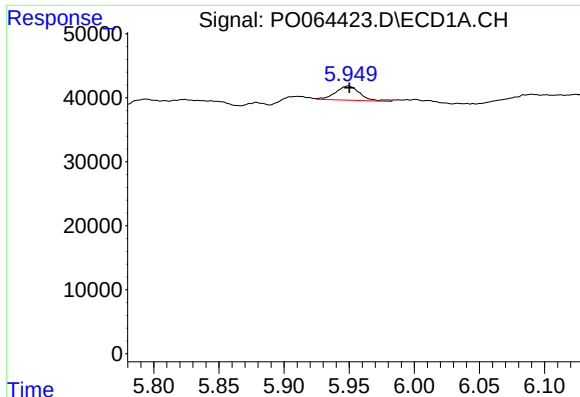
#22 AR-1248-2

R.T.: 5.745 min
Delta R.T.: -0.002 min
Response: 24863
Conc: 30.00 ng/ml



#22 AR-1248-2

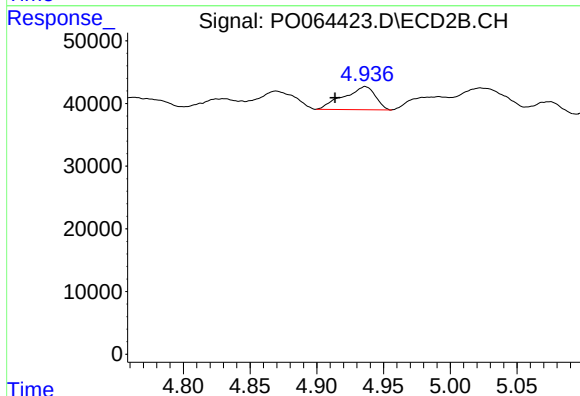
R.T.: 4.869 min
Delta R.T.: -0.003 min
Response: 50745
Conc: 80.70 ng/ml



#23 AR-1248-3

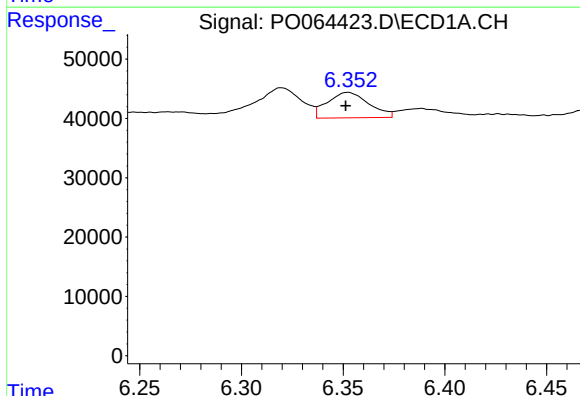
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 28732
Conc: 31.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



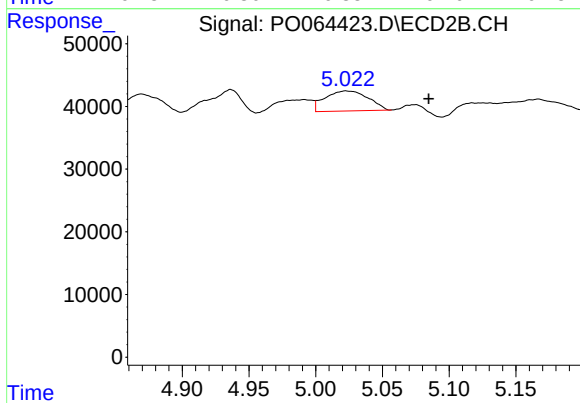
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: 0.023 min
Response: 60922
Conc: 94.42 ng/ml



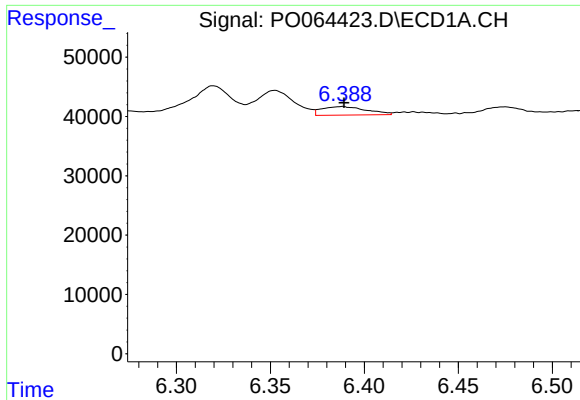
#24 AR-1248-4

R.T.: 6.352 min
Delta R.T.: 0.001 min
Response: 60892
Conc: 54.94 ng/ml



#24 AR-1248-4

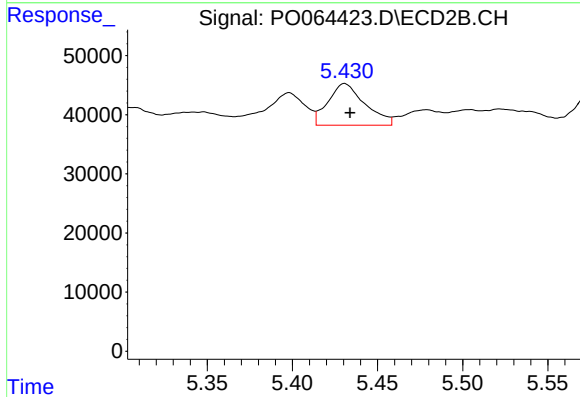
R.T.: 5.023 min
Delta R.T.: -0.062 min
Response: 71751
Conc: 91.02 ng/ml



#25 AR-1248-5

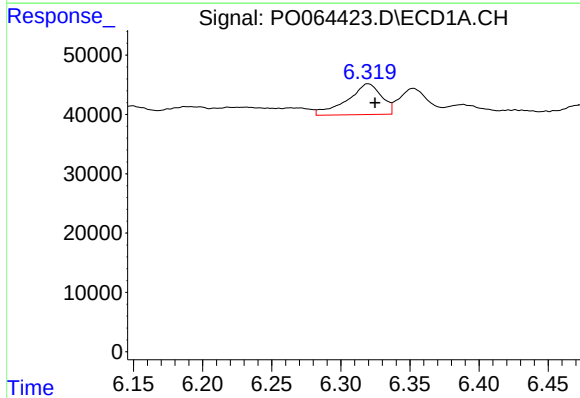
R.T.: 6.388 min
Delta R.T.: -0.001 min
Response: 23606
Conc: 22.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



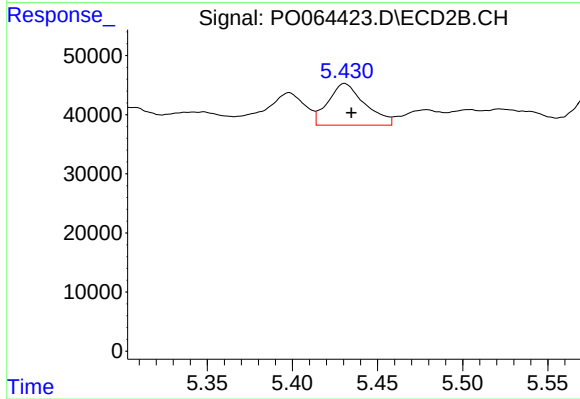
#25 AR-1248-5

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 106151
Conc: 87.61 ng/ml



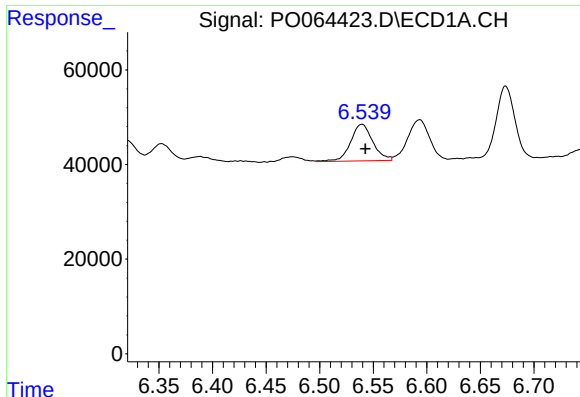
#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.005 min
Response: 89728
Conc: 54.98 ng/ml



#26 AR-1254-1

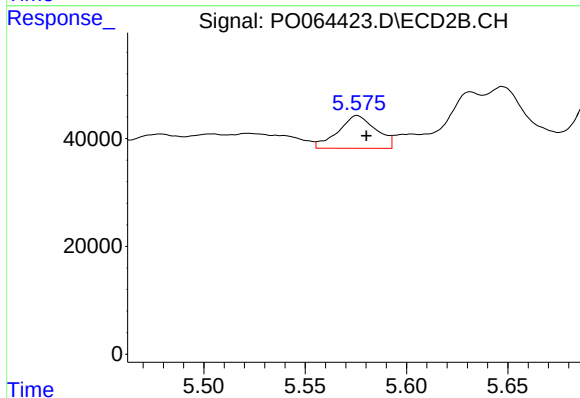
R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 106151
Conc: 54.01 ng/ml



#27 AR-1254-2

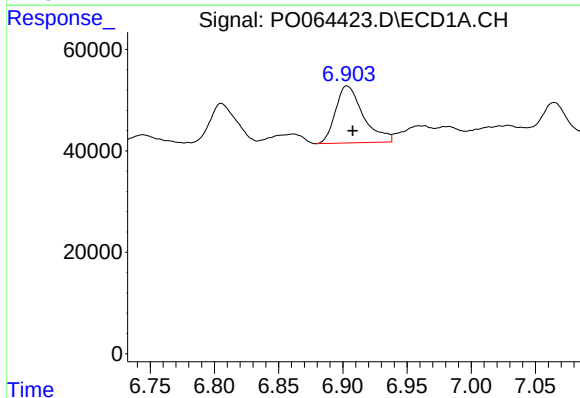
R.T.: 6.539 min
Delta R.T.: -0.003 min
Response: 111659
Conc: 42.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



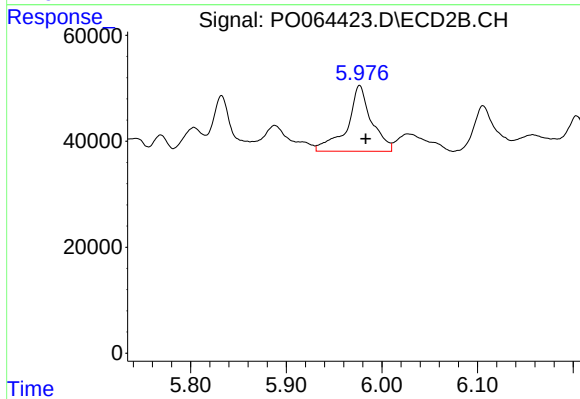
#27 AR-1254-2

R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 79130
Conc: 44.18 ng/ml



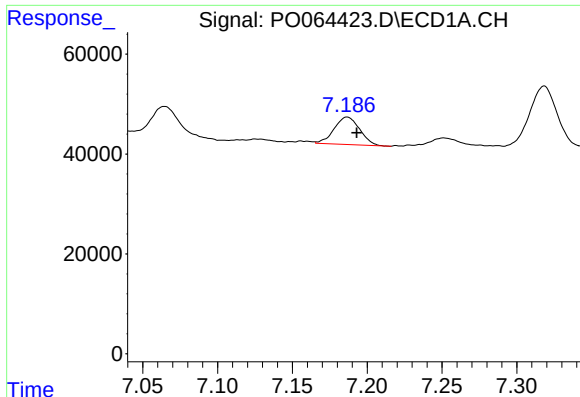
#28 AR-1254-3

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 168893
Conc: 58.52 ng/ml



#28 AR-1254-3

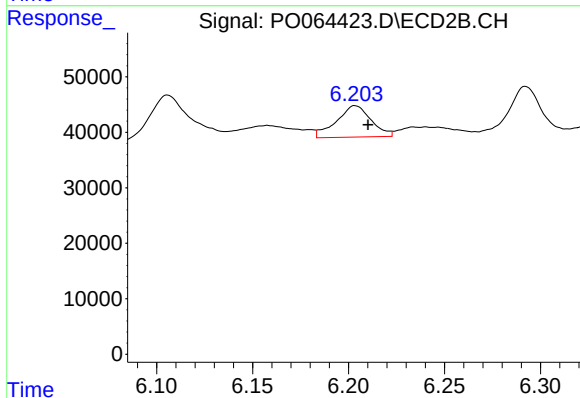
R.T.: 5.977 min
Delta R.T.: -0.006 min
Response: 219814
Conc: 71.03 ng/ml



#29 AR-1254-4

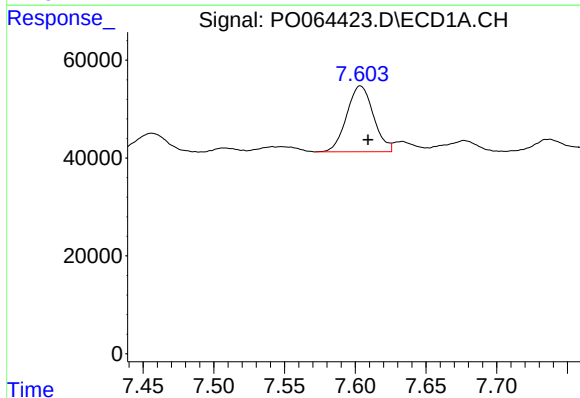
R.T.: 7.187 min
Delta R.T.: -0.006 min
Response: 65486
Conc: 28.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



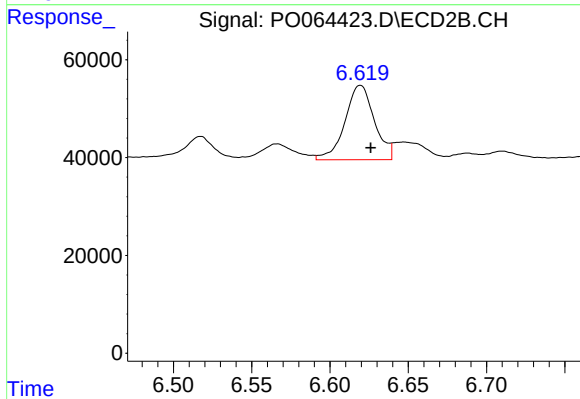
#29 AR-1254-4

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 71063
Conc: 34.44 ng/ml



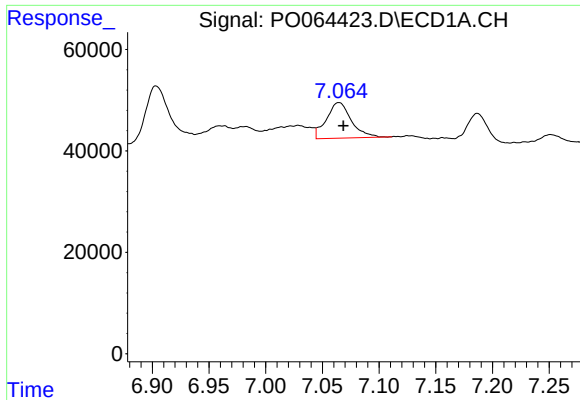
#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: -0.005 min
Response: 176946
Conc: 69.25 ng/ml



#30 AR-1254-5

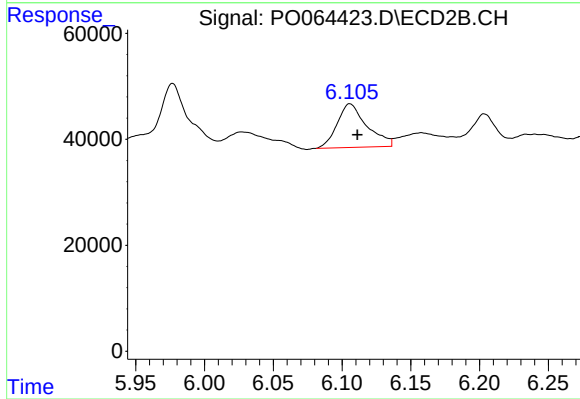
R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 198996
Conc: 65.98 ng/ml



#31 AR-1260-1

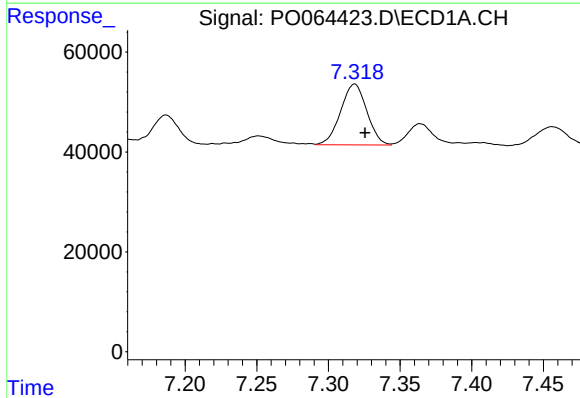
R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 106772
Conc: 56.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



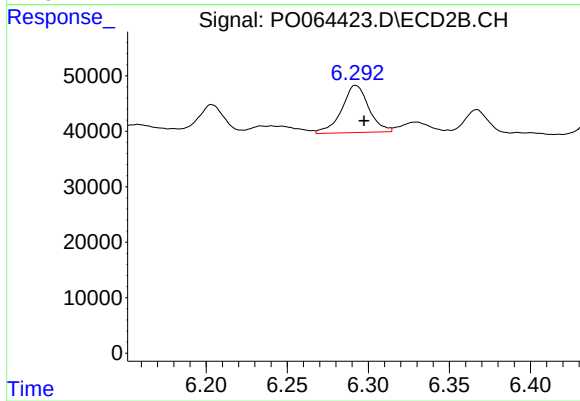
#31 AR-1260-1

R.T.: 6.106 min
Delta R.T.: -0.005 min
Response: 123992
Conc: 70.64 ng/ml



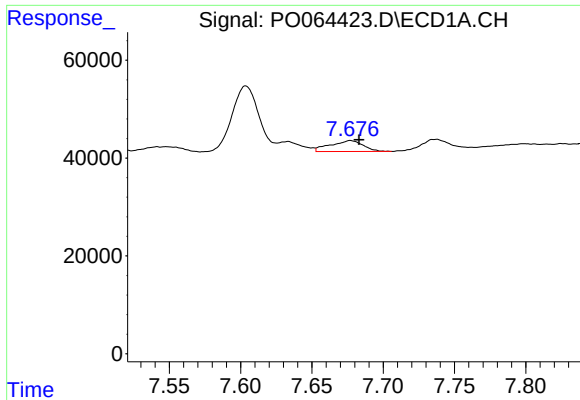
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 155387
Conc: 66.44 ng/ml



#32 AR-1260-2

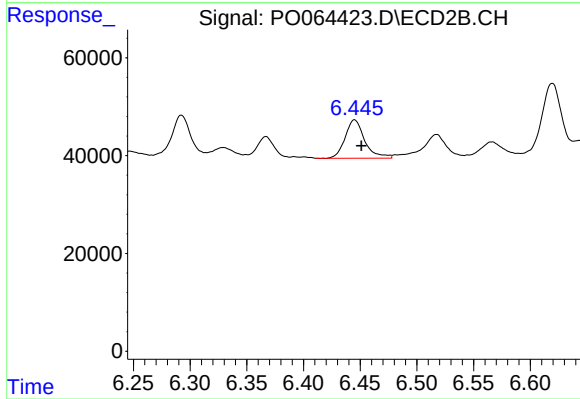
R.T.: 6.292 min
Delta R.T.: -0.005 min
Response: 99074
Conc: 44.53 ng/ml



#33 AR-1260-3

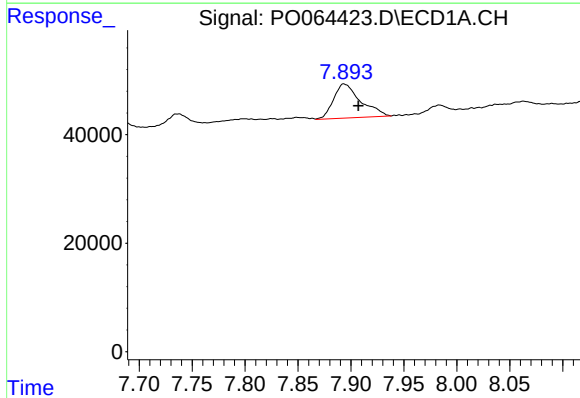
R.T.: 7.677 min
Delta R.T.: -0.006 min
Response: 35876
Conc: 19.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



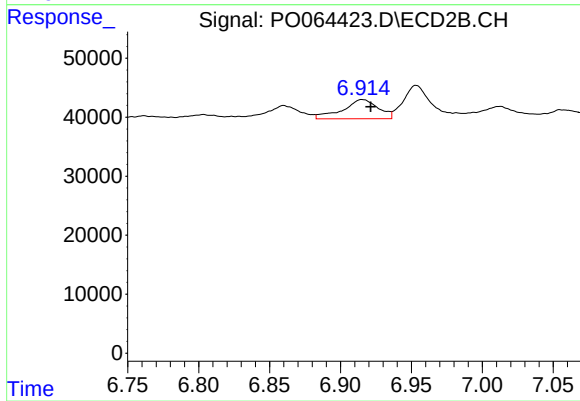
#33 AR-1260-3

R.T.: 6.445 min
Delta R.T.: -0.006 min
Response: 94132
Conc: 46.30 ng/ml



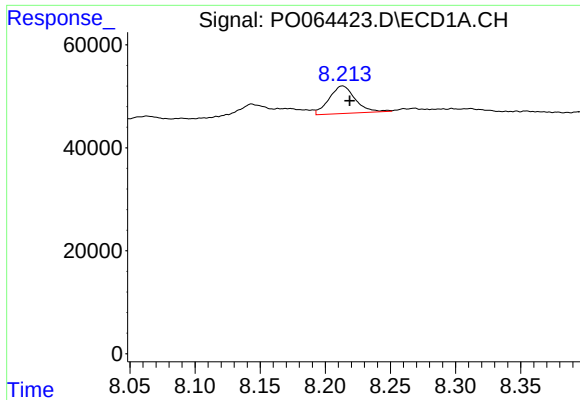
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.014 min
Response: 111794
Conc: 51.01 ng/ml



#34 AR-1260-4

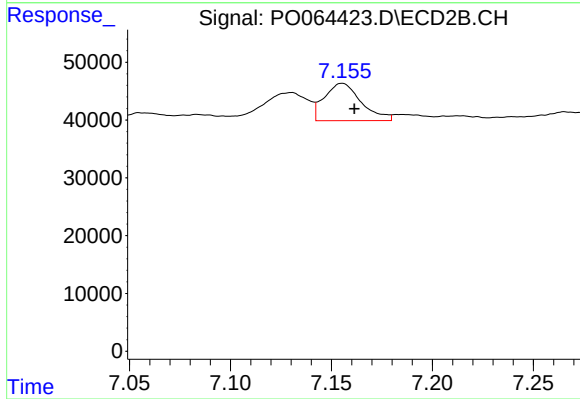
R.T.: 6.915 min
Delta R.T.: -0.006 min
Response: 56785
Conc: 30.62 ng/ml



#35 AR-1260-5

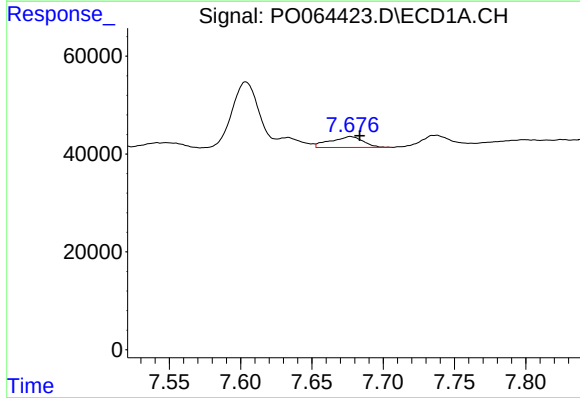
R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 74808
Conc: 16.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



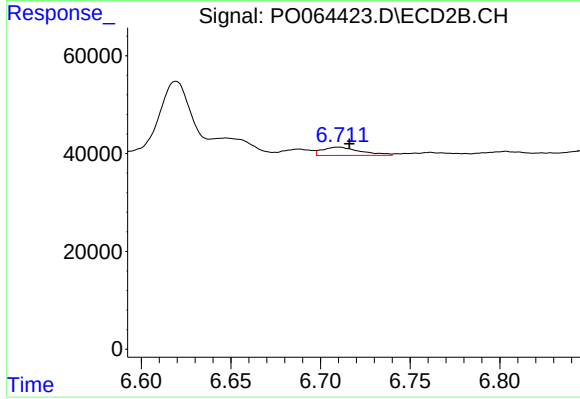
#35 AR-1260-5

R.T.: 7.155 min
Delta R.T.: -0.006 min
Response: 82330
Conc: 17.01 ng/ml



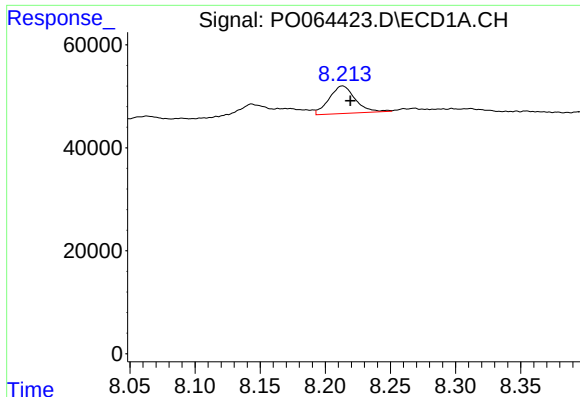
#36 AR-1262-1

R.T.: 7.677 min
Delta R.T.: -0.006 min
Response: 35876
Conc: 12.02 ng/ml



#36 AR-1262-1

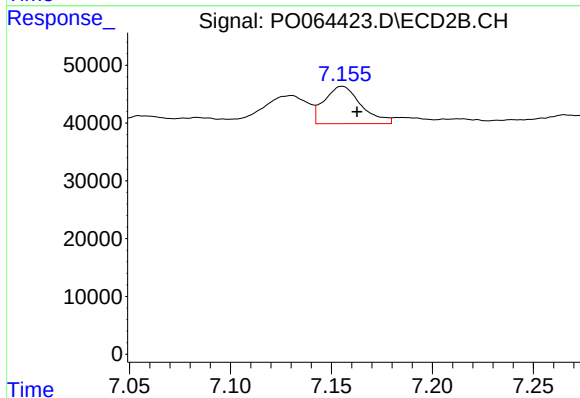
R.T.: 6.710 min
Delta R.T.: -0.006 min
Response: 24700
Conc: 19.66 ng/ml



#37 AR-1262-2

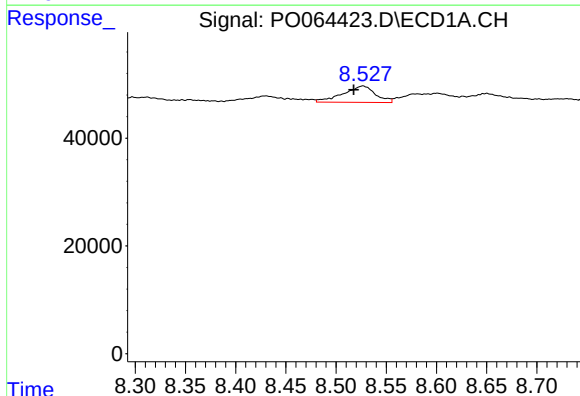
R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 74808
Conc: 13.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



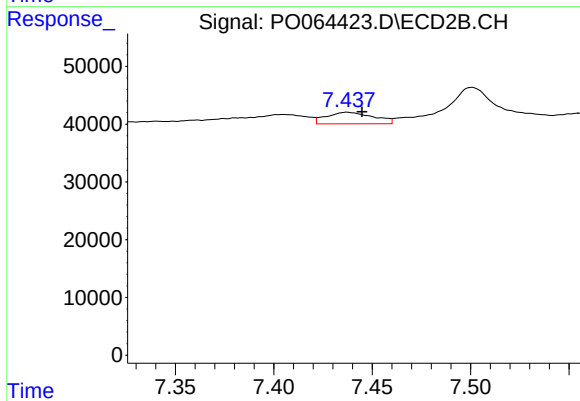
#37 AR-1262-2

R.T.: 7.155 min
Delta R.T.: -0.007 min
Response: 82330
Conc: 13.80 ng/ml



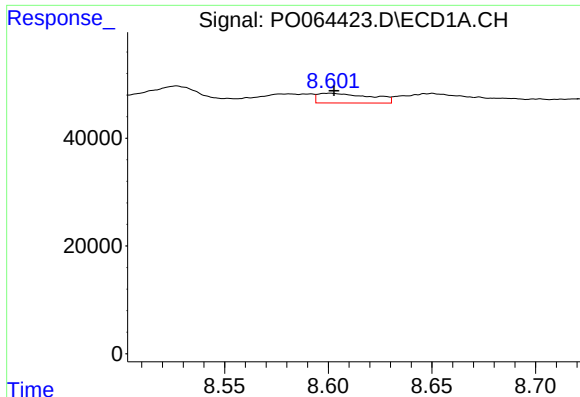
#38 AR-1262-3

R.T.: 8.527 min
Delta R.T.: 0.009 min
Response: 68104
Conc: 17.60 ng/ml



#38 AR-1262-3

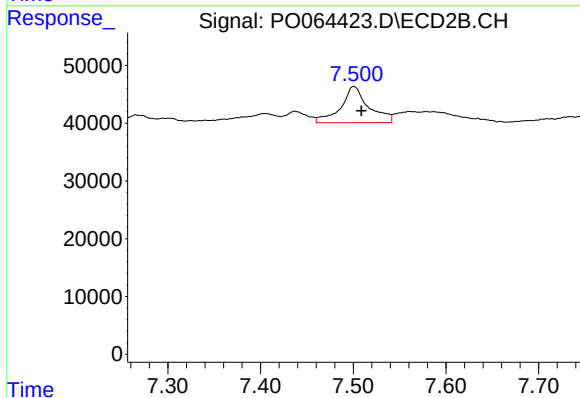
R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 33451
Conc: 14.35 ng/ml



#39 AR-1262-4

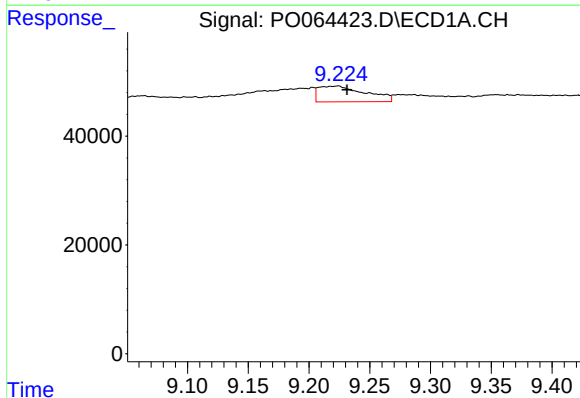
R.T.: 8.601 min
Delta R.T.: -0.002 min
Response: 31686
Conc: 10.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



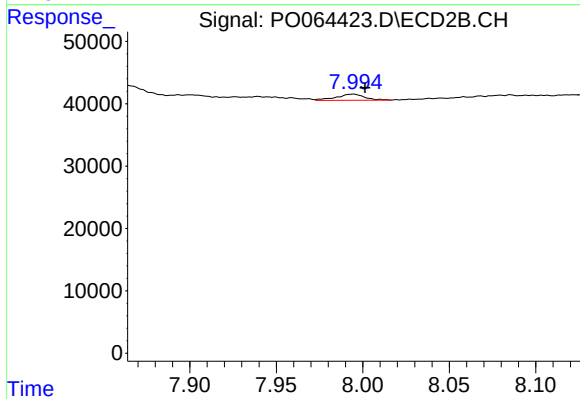
#39 AR-1262-4

R.T.: 7.501 min
Delta R.T.: -0.008 min
Response: 131449
Conc: 29.52 ng/ml



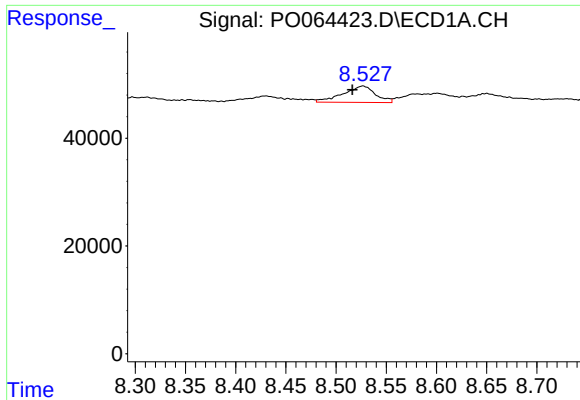
#40 AR-1262-5

R.T.: 9.224 min
Delta R.T.: -0.008 min
Response: 78437
Conc: 37.37 ng/ml



#40 AR-1262-5

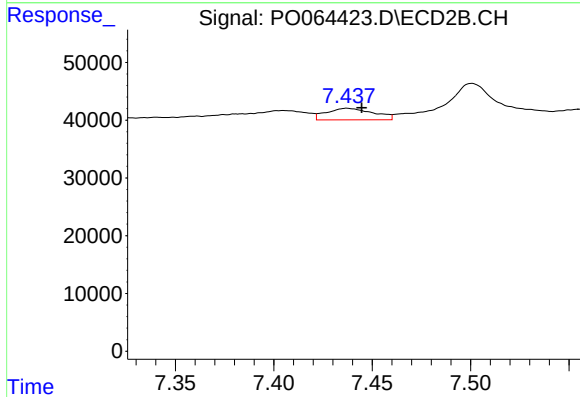
R.T.: 7.994 min
Delta R.T.: -0.007 min
Response: 11257
Conc: 5.33 ng/ml



#41 AR-1268-1

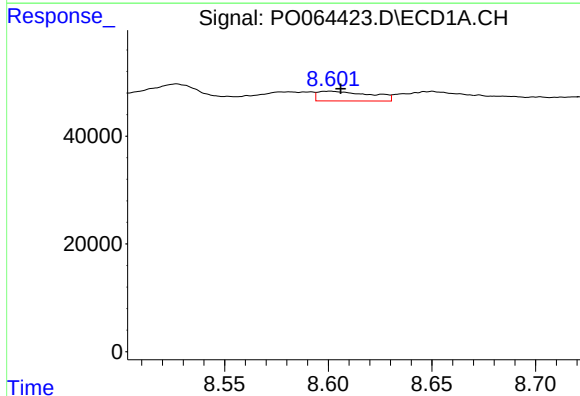
R.T.: 8.527 min
Delta R.T.: 0.011 min
Response: 68104
Conc: 10.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



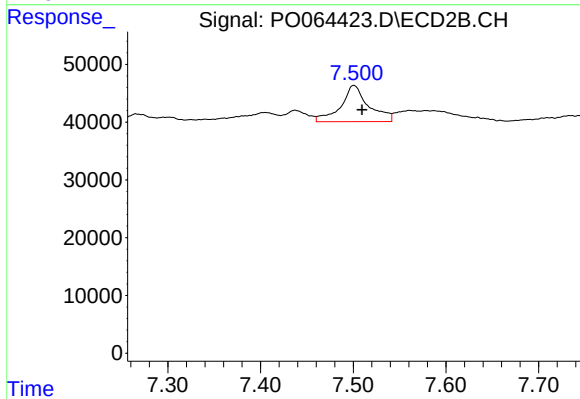
#41 AR-1268-1

R.T.: 7.437 min
Delta R.T.: -0.007 min
Response: 33451
Conc: 4.79 ng/ml



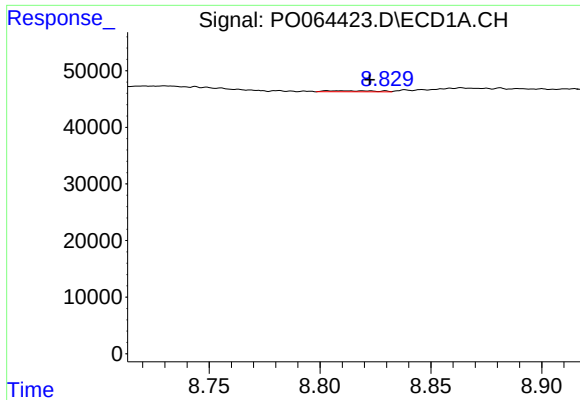
#42 AR-1268-2

R.T.: 8.601 min
Delta R.T.: -0.005 min
Response: 31686
Conc: 5.24 ng/ml



#42 AR-1268-2

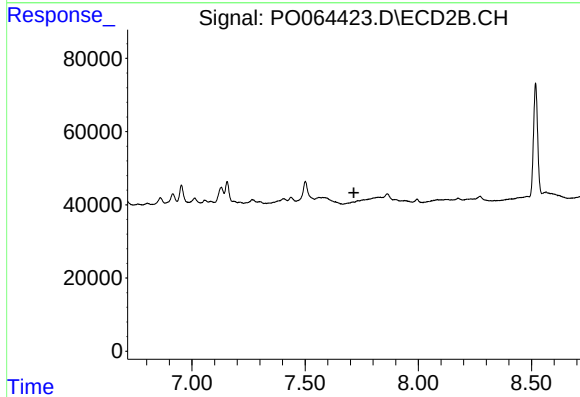
R.T.: 7.501 min
Delta R.T.: -0.009 min
Response: 131449
Conc: 20.53 ng/ml



#43 AR-1268-3

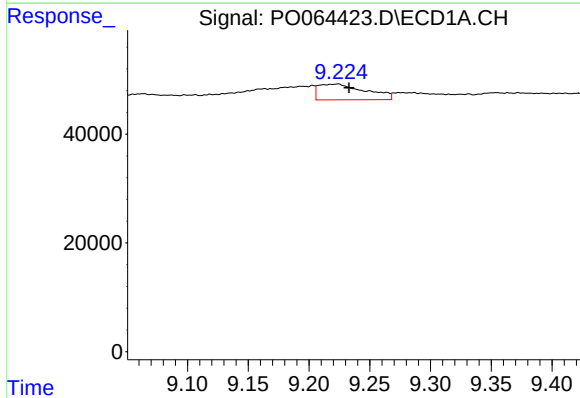
R.T.: 8.803 min
Delta R.T.: -0.019 min
Response: 2560
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



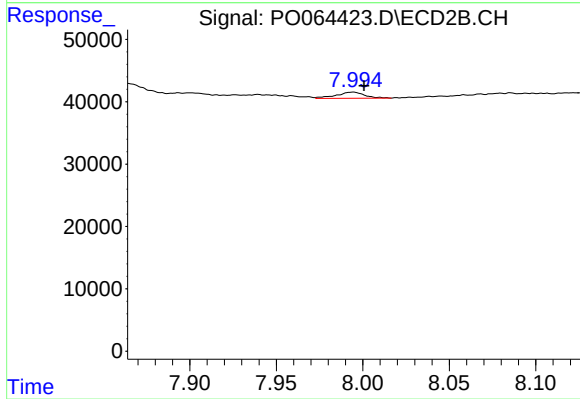
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.715 min
Response: 0
Conc: N.D.



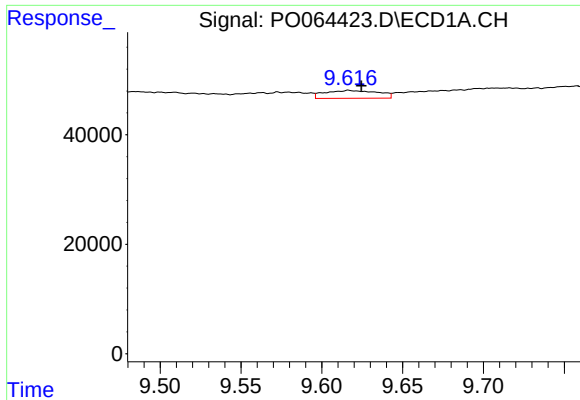
#44 AR-1268-4

R.T.: 9.224 min
Delta R.T.: -0.009 min
Response: 78437
Conc: 33.52 ng/ml



#44 AR-1268-4

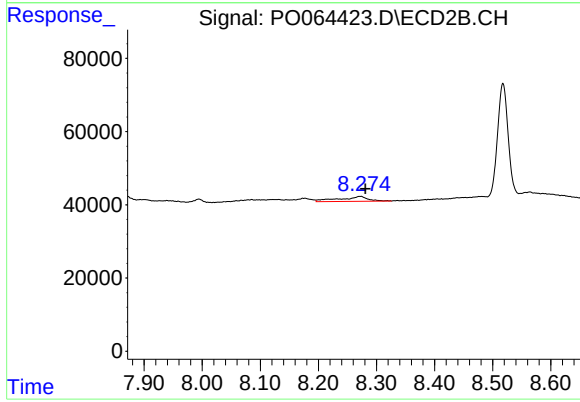
R.T.: 7.994 min
Delta R.T.: -0.006 min
Response: 11257
Conc: 4.82 ng/ml



#45 AR-1268-5

R.T.: 9.617 min
Delta R.T.: -0.008 min
Response: 32786
Conc: 2.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
TH-3



#45 AR-1268-5

R.T.: 8.272 min
Delta R.T.: -0.009 min
Response: 45792
Conc: 2.77 ng/ml