

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060146.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 6:25
 Operator : SM/AJ
 Sample : K4095-13
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SU-01-082819

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 13:08:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.120	3.496	920305	940253	26.285	26.121
2)	SA Decachlor...	9.576	8.350	965460	726009	18.148	18.006
Target Compounds							
3)	L1 AR-1016-1	5.260	4.545	1575	34147	0.982	25.258 #
4)	L1 AR-1016-2	5.290	4.545	6247	34147	2.611	17.048 #
5)	L1 AR-1016-3	5.366	4.777	11868	74075	7.967	68.470 #
6)	L1 AR-1016-4	5.470	4.777	11603	74075	9.591	82.033 #
7)	L1 AR-1016-5	5.731	5.003	13763	25885	10.718	22.471 #
8)	L2 AR-1221-1	4.378	0.000	6681	0	15.777	N.D. #
9)	L2 AR-1221-2	4.421	0.000	48662	0	149.825	N.D. #
10)	L2 AR-1221-3	4.499	0.000	33299	0	31.657	N.D. #
11)	L3 AR-1232-1	4.499	0.000	33299	0	26.715	N.D. #
12)	L3 AR-1232-2	5.003	4.545	132780	34147	187.968	26.812 #
13)	L3 AR-1232-3	5.290	4.777	6247	74075	4.079	108.788 #
14)	L3 AR-1232-4	5.530	4.838	32537	39275	41.614	64.379 #
15)	L3 AR-1232-5	5.588	5.003	14268	25885	23.735	38.025 #
16)	L4 AR-1242-1	5.290	4.545	6247	34147	4.920	33.195 #
17)	L4 AR-1242-2	5.290	4.545	6247	34147	3.366	22.419 #
18)	L4 AR-1242-3	5.366	4.777	11868	74075	10.153	88.659 #
19)	L4 AR-1242-4	5.530	4.838	32537	39275	33.617	47.070 #
20)	L4 AR-1242-5	6.196	0.000	76687	0	61.028	N.D. #
21)	L5 AR-1248-1	5.260	4.545	1575	34147	1.571	41.239 #
22)	L5 AR-1248-2	5.530	4.777	32537	74075	22.426	64.238 #
23)	L5 AR-1248-3	5.682	4.838	63121	39275	37.978	33.066
24)	L5 AR-1248-4	6.135	5.003	58598	25885	28.667	17.814 #
25)	L5 AR-1248-5	6.196	0.000	76687	0	38.671	N.D. #
26)	L6 AR-1254-1	6.107	0.000	95918	0	45.973	N.D. #
27)	L6 AR-1254-2	6.324	5.492	132299	58129	39.655	27.703 #
28)	L6 AR-1254-3	6.698	5.881	77162	47238	21.745	14.048 #
29)	L6 AR-1254-4	7.004	0.000	41236	0	14.000	N.D. #
30)	L6 AR-1254-5	7.380	6.497	34281	13621	11.085	4.387 #
31)	L7 AR-1260-1	6.841	0.000	68911	0	25.562	N.D. #
32)	L7 AR-1260-2	7.101	6.215	138156	29622	37.234	10.110 #
33)	L7 AR-1260-3	7.449	6.305	20096	69133	6.134	26.096 #
34)	L7 AR-1260-4	7.675	0.000	42278	0	13.765	N.D. #
35)	L7 AR-1260-5	7.984	0.000	91315	0	12.896	N.D. #
36)	L8 AR-1262-1	7.504	6.497	78393	13621	16.154	3.654 #
37)	L8 AR-1262-2	7.984	0.000	91315	0	11.835	N.D. #
38)	L8 AR-1262-3	8.284	7.368	115681	10213	22.672	4.019 #
39)	L8 AR-1262-4	8.349	7.368	107178	10213	27.804	2.311 #
40)	L8 AR-1262-5	8.943	7.866	78321	3880	30.516	2.149 #
41)	L9 AR-1268-1	8.284	7.368	115681	10213	12.293	1.434 #

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 ALS Vial : 67 Sample Multiplier: 1

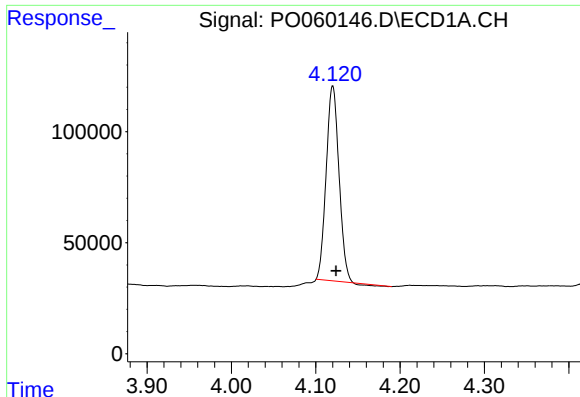
Instrument :
 ECD_O
 ClientSampleId :
 SU-01-082819

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 13:08:36 2019
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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	8.349	7.368	107178	10213	13.597	1.584 #
43) L9	AR-1268-3	8.631	0.000	336178	0	47.693	N.D. #
44) L9	AR-1268-4	8.943	7.866	78321	3880	28.173	1.901 #
45) L9	AR-1268-5	9.290	8.126	182183	18804	9.879	1.294 #

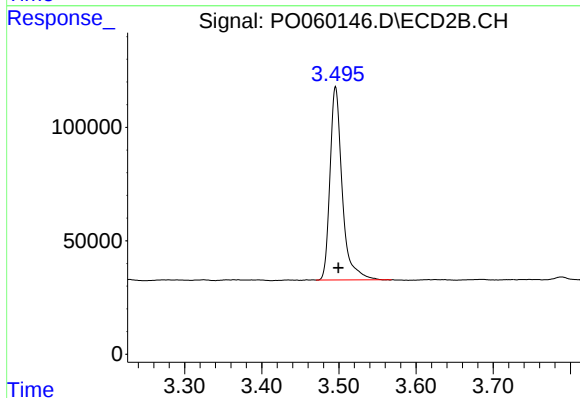
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

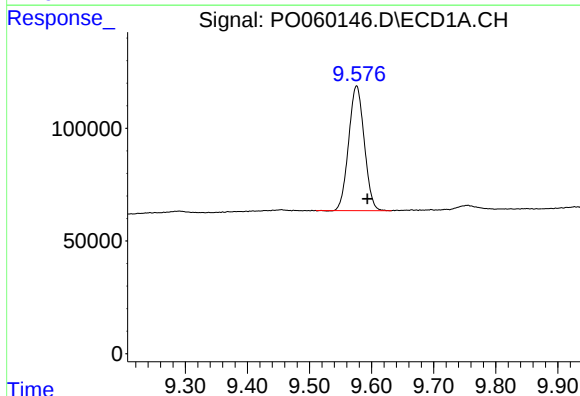
R.T.: 4.120 min
Delta R.T.: -0.004 min
Response: 920305
Conc: 26.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



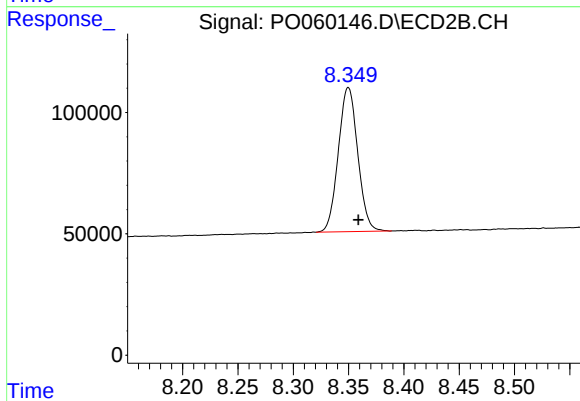
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.004 min
Response: 940253
Conc: 26.12 ng/ml



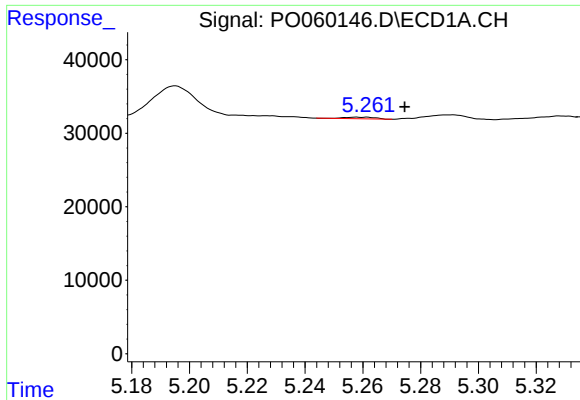
#2 Decachlorobiphenyl

R.T.: 9.576 min
Delta R.T.: -0.017 min
Response: 965460
Conc: 18.15 ng/ml



#2 Decachlorobiphenyl

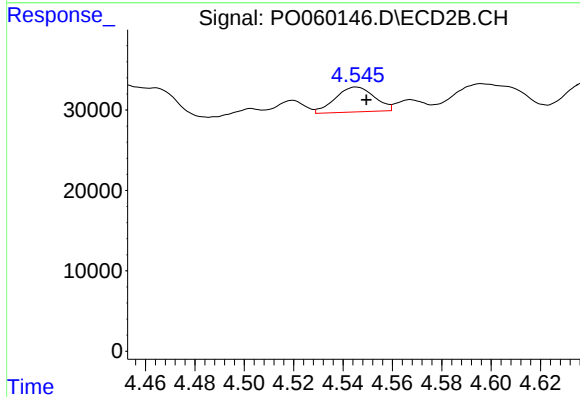
R.T.: 8.350 min
Delta R.T.: -0.009 min
Response: 726009
Conc: 18.01 ng/ml



#3 AR-1016-1

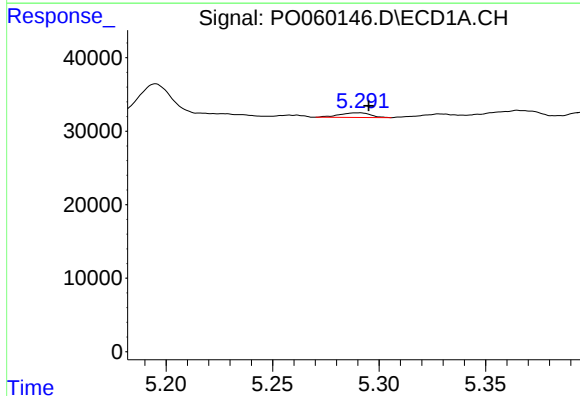
R.T.: 5.260 min
Delta R.T.: -0.015 min
Response: 1575
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



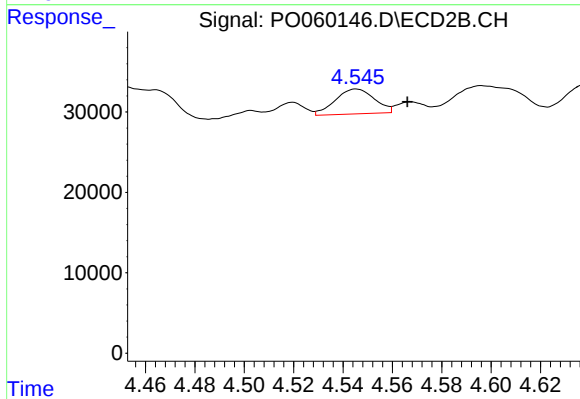
#3 AR-1016-1

R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 34147
Conc: 25.26 ng/ml



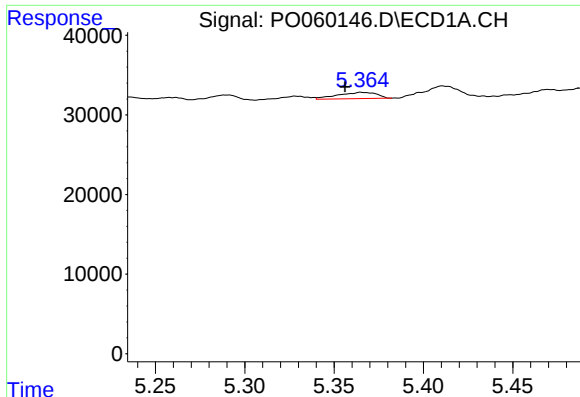
#4 AR-1016-2

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 6247
Conc: 2.61 ng/ml



#4 AR-1016-2

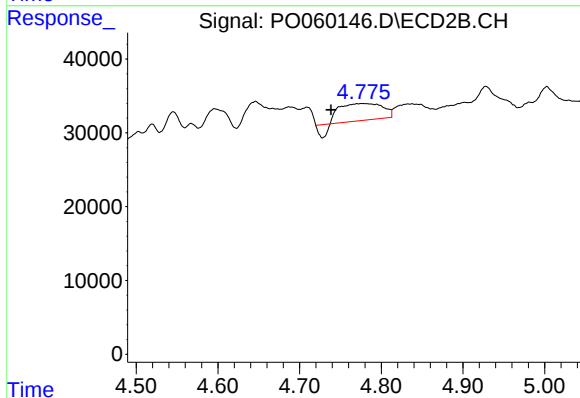
R.T.: 4.545 min
Delta R.T.: -0.021 min
Response: 34147
Conc: 17.05 ng/ml



#5 AR-1016-3

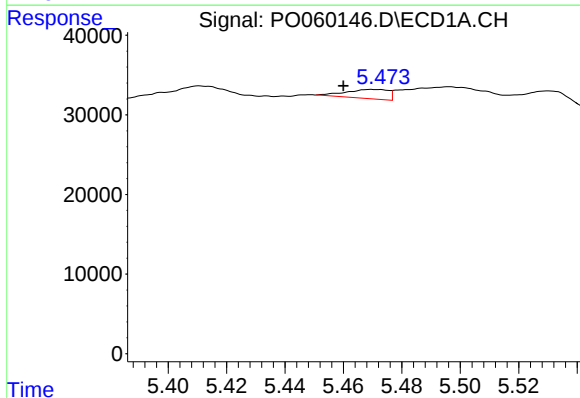
R.T.: 5.366 min
Delta R.T.: 0.009 min
Response: 11868
Conc: 7.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



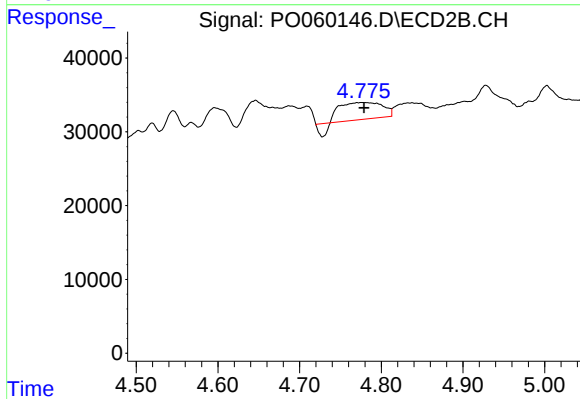
#5 AR-1016-3

R.T.: 4.777 min
Delta R.T.: 0.038 min
Response: 74075
Conc: 68.47 ng/ml



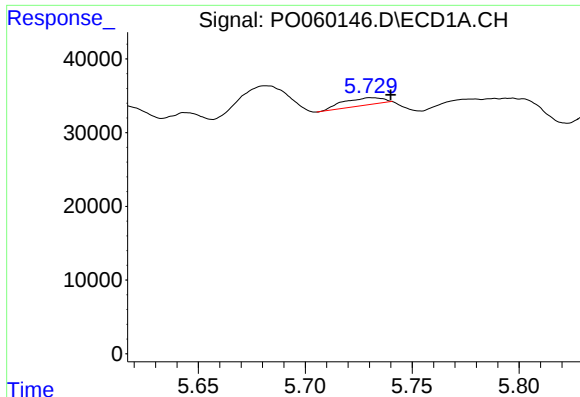
#6 AR-1016-4

R.T.: 5.470 min
Delta R.T.: 0.010 min
Response: 11603
Conc: 9.59 ng/ml



#6 AR-1016-4

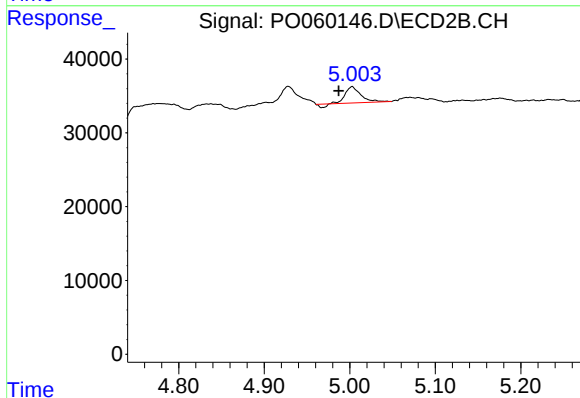
R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 74075
Conc: 82.03 ng/ml



#7 AR-1016-5

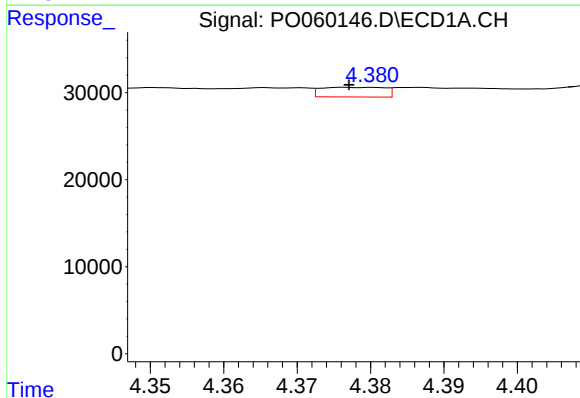
R.T.: 5.731 min
Delta R.T.: -0.009 min
Response: 13763
Conc: 10.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



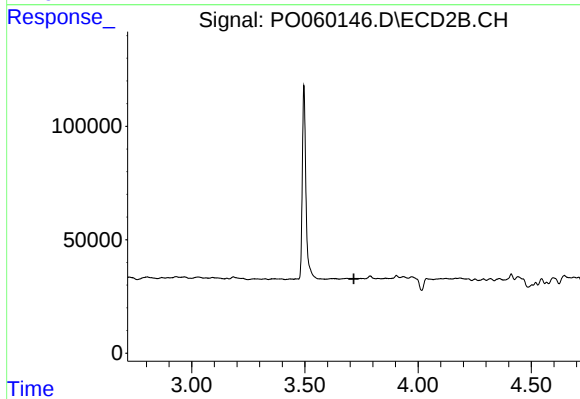
#7 AR-1016-5

R.T.: 5.003 min
Delta R.T.: 0.016 min
Response: 25885
Conc: 22.47 ng/ml



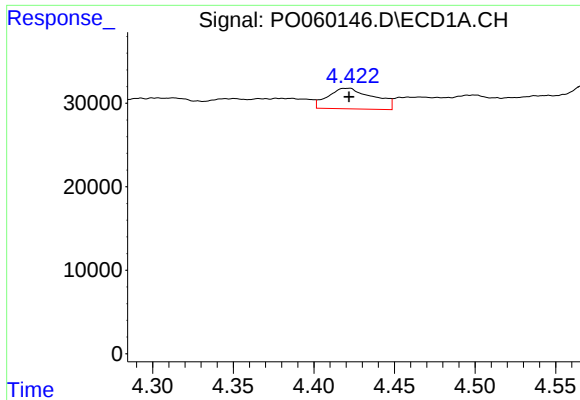
#8 AR-1221-1

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 6681
Conc: 15.78 ng/ml



#8 AR-1221-1

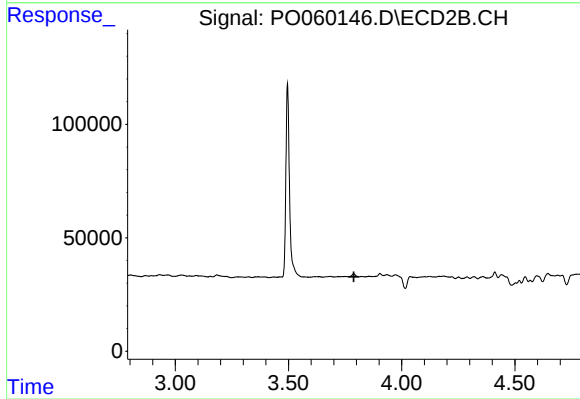
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

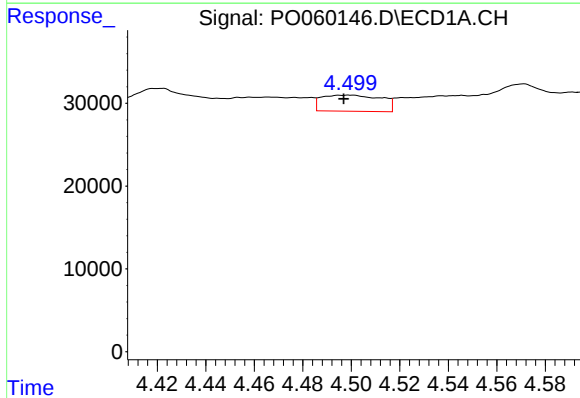
R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 48662
Conc: 149.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



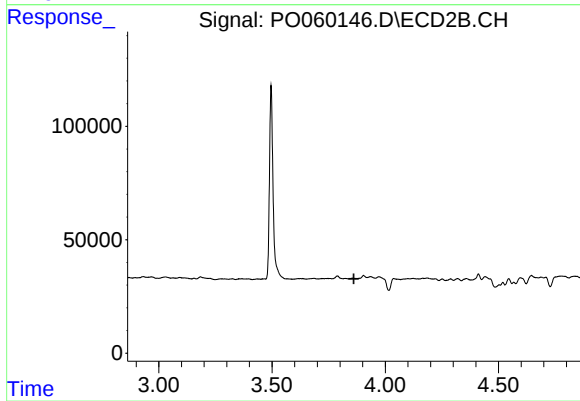
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



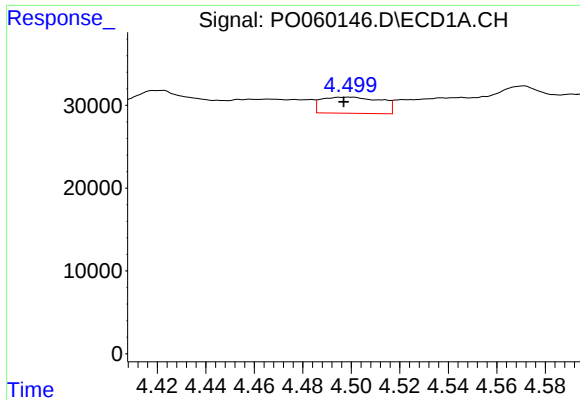
#10 AR-1221-3

R.T.: 4.499 min
Delta R.T.: 0.003 min
Response: 33299
Conc: 31.66 ng/ml



#10 AR-1221-3

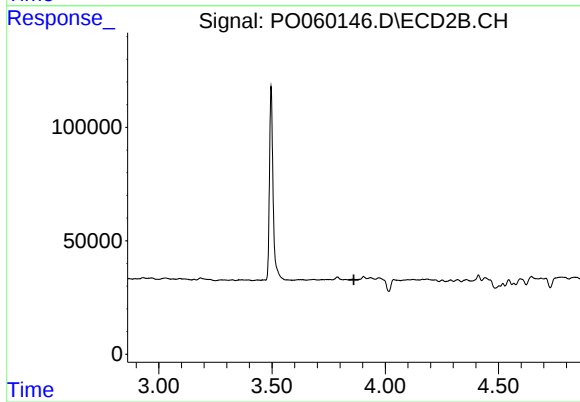
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

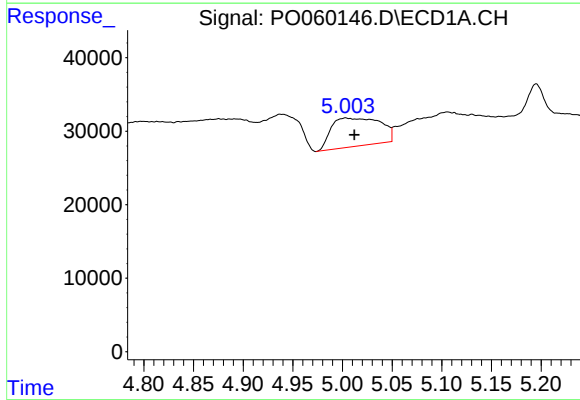
R.T.: 4.499 min
Delta R.T.: 0.003 min
Response: 33299
Conc: 26.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



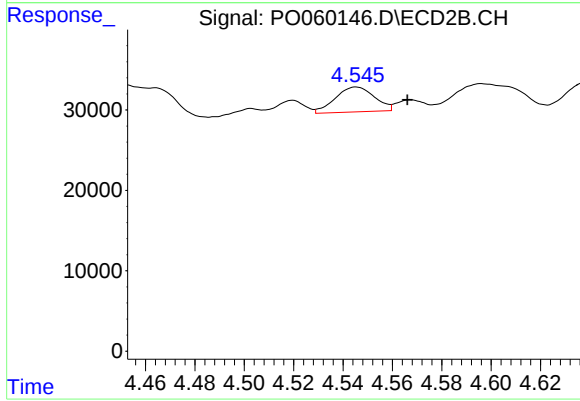
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



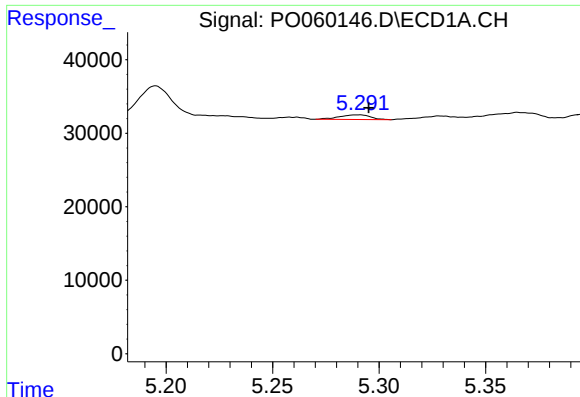
#12 AR-1232-2

R.T.: 5.003 min
Delta R.T.: -0.009 min
Response: 132780
Conc: 187.97 ng/ml



#12 AR-1232-2

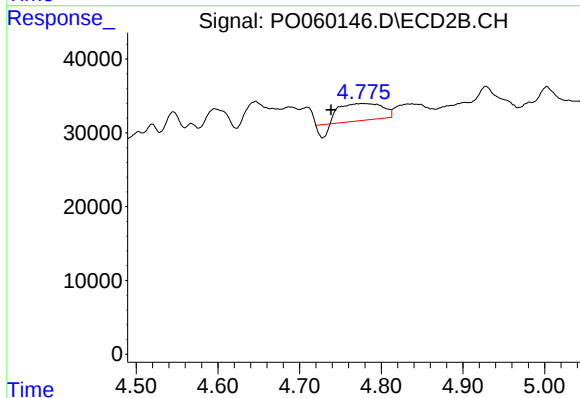
R.T.: 4.545 min
Delta R.T.: -0.021 min
Response: 34147
Conc: 26.81 ng/ml



#13 AR-1232-3

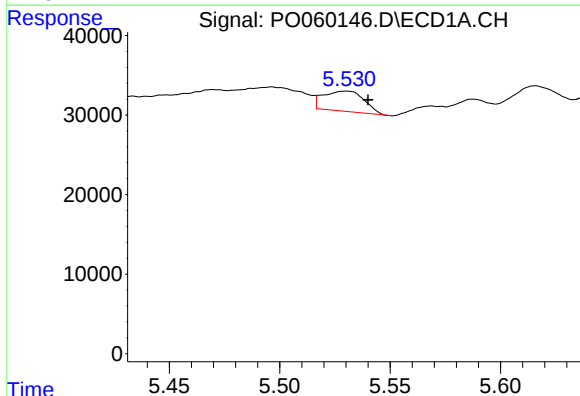
R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 6247
Conc: 4.08 ng/ml

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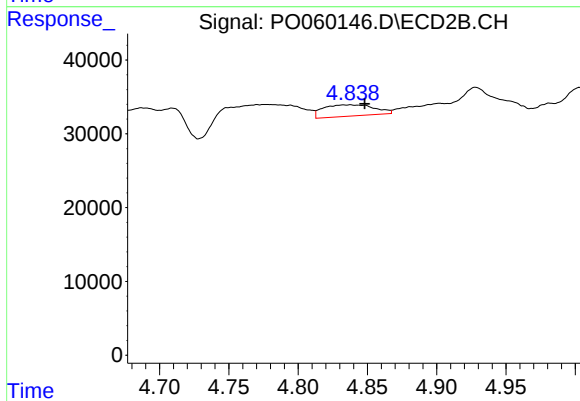
#13 AR-1232-3

R.T.: 4.777 min
Delta R.T.: 0.038 min
Response: 74075
Conc: 108.79 ng/ml



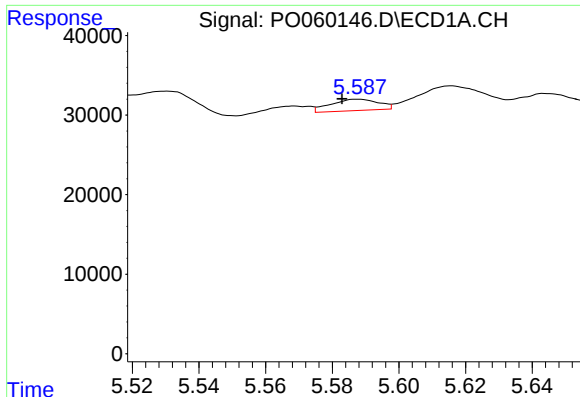
#14 AR-1232-4

R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: 32537
Conc: 41.61 ng/ml



#14 AR-1232-4

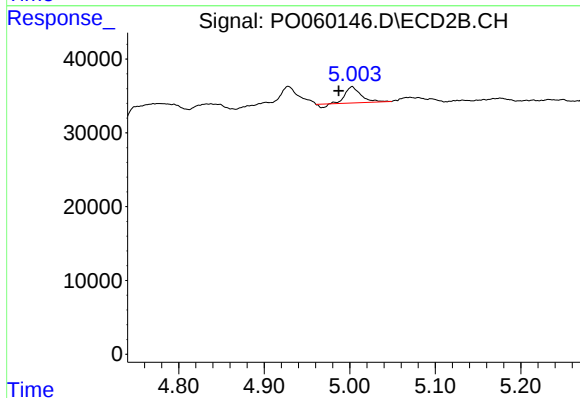
R.T.: 4.838 min
Delta R.T.: -0.011 min
Response: 39275
Conc: 64.38 ng/ml



#15 AR-1232-5

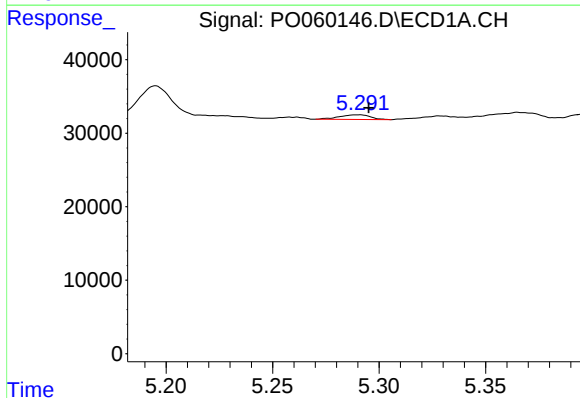
R.T.: 5.588 min
Delta R.T.: 0.005 min
Response: 14268
Conc: 23.74 ng/ml

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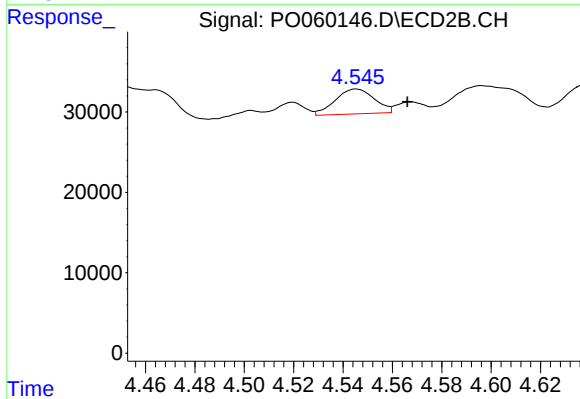
#15 AR-1232-5

R.T.: 5.003 min
Delta R.T.: 0.016 min
Response: 25885
Conc: 38.02 ng/ml



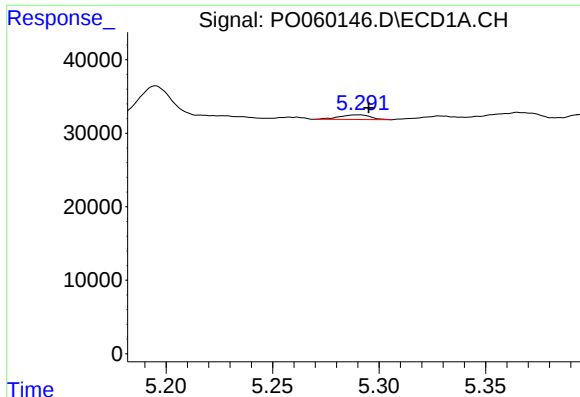
#16 AR-1242-1

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 6247
Conc: 4.92 ng/ml



#16 AR-1242-1

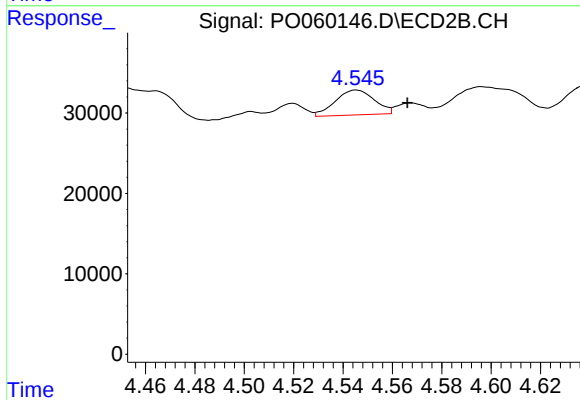
R.T.: 4.545 min
Delta R.T.: -0.021 min
Response: 34147
Conc: 33.20 ng/ml



#17 AR-1242-2

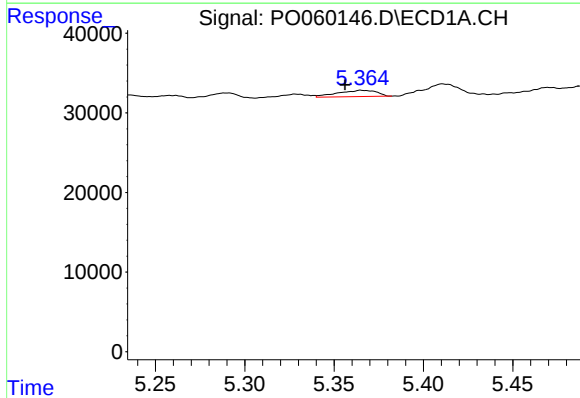
R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 6247
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



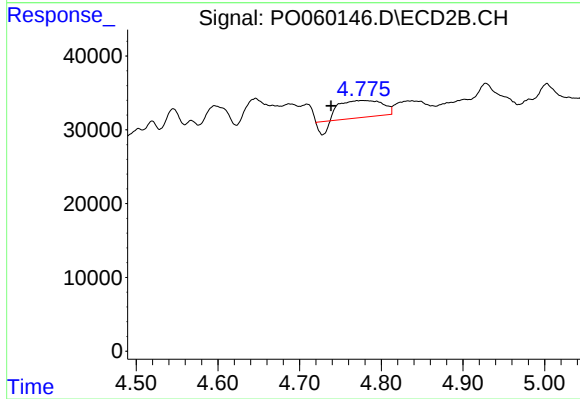
#17 AR-1242-2

R.T.: 4.545 min
Delta R.T.: -0.021 min
Response: 34147
Conc: 22.42 ng/ml



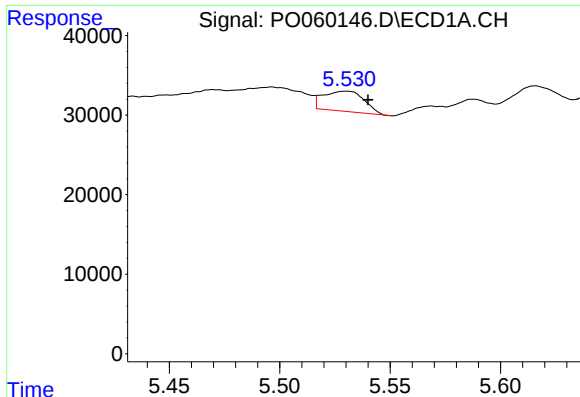
#18 AR-1242-3

R.T.: 5.366 min
Delta R.T.: 0.009 min
Response: 11868
Conc: 10.15 ng/ml



#18 AR-1242-3

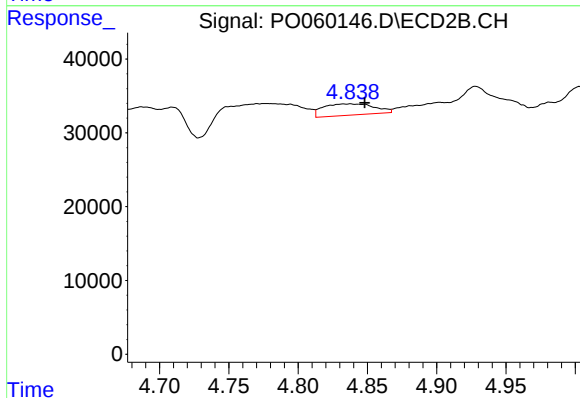
R.T.: 4.777 min
Delta R.T.: 0.038 min
Response: 74075
Conc: 88.66 ng/ml



#19 AR-1242-4

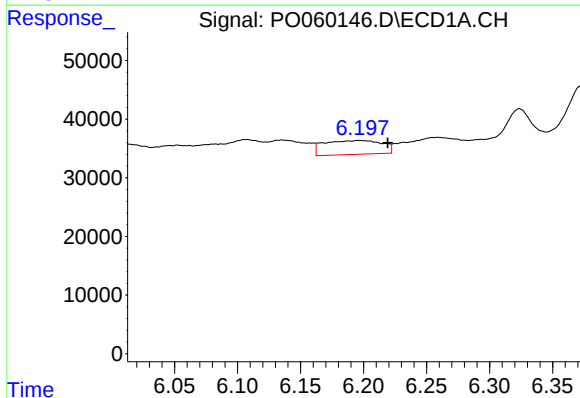
R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: 32537
Conc: 33.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



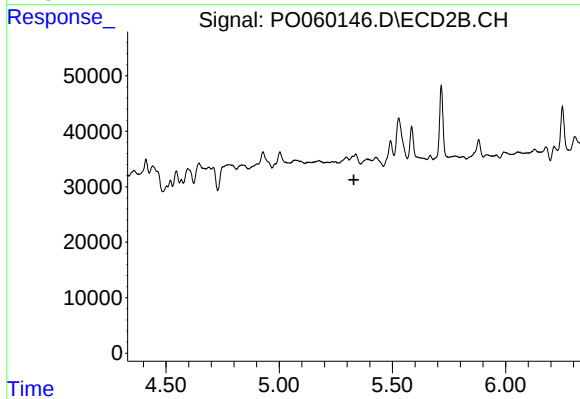
#19 AR-1242-4

R.T.: 4.838 min
Delta R.T.: -0.011 min
Response: 39275
Conc: 47.07 ng/ml



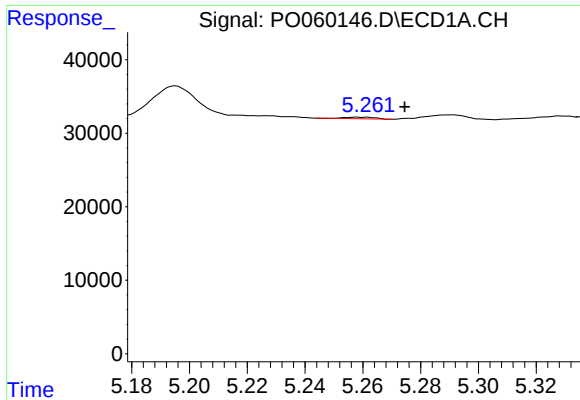
#20 AR-1242-5

R.T.: 6.196 min
Delta R.T.: -0.023 min
Response: 76687
Conc: 61.03 ng/ml



#20 AR-1242-5

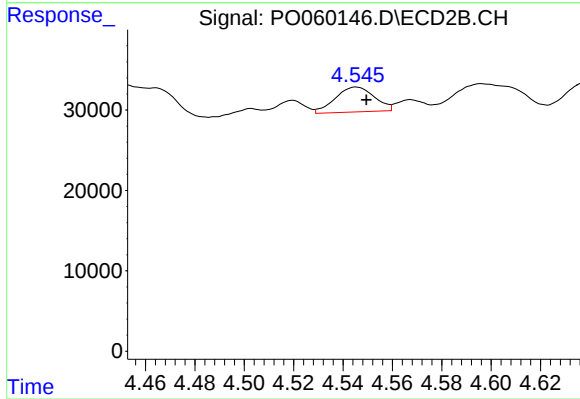
R.T.: 0.000 min
Exp R.T.: 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

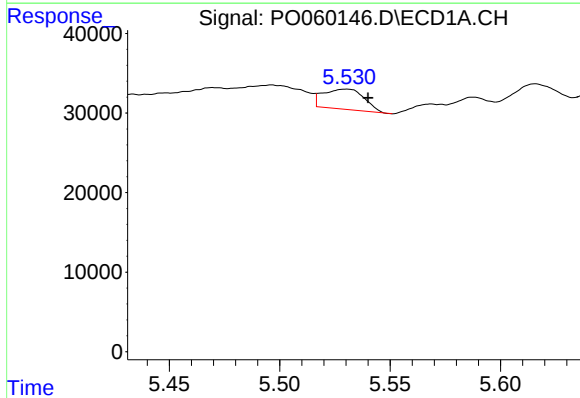
R.T.: 5.260 min
Delta R.T.: -0.015 min
Response: 1575
Conc: 1.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



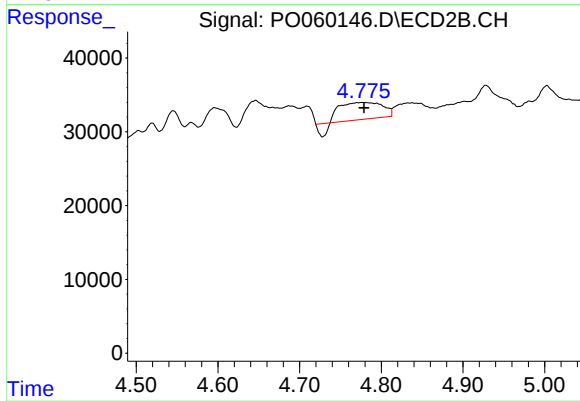
#21 AR-1248-1

R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 34147
Conc: 41.24 ng/ml



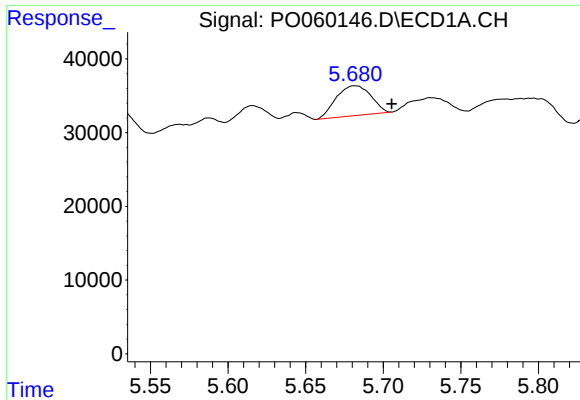
#22 AR-1248-2

R.T.: 5.530 min
Delta R.T.: -0.010 min
Response: 32537
Conc: 22.43 ng/ml



#22 AR-1248-2

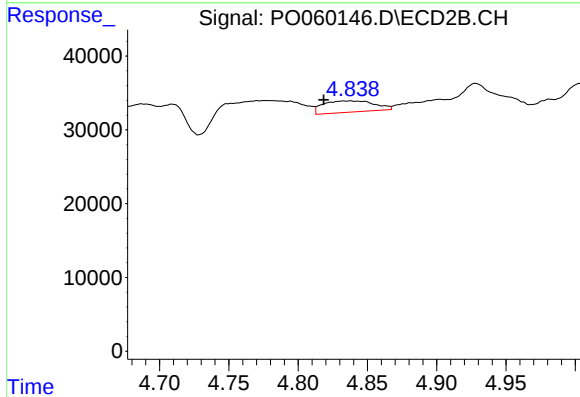
R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 74075
Conc: 64.24 ng/ml



#23 AR-1248-3

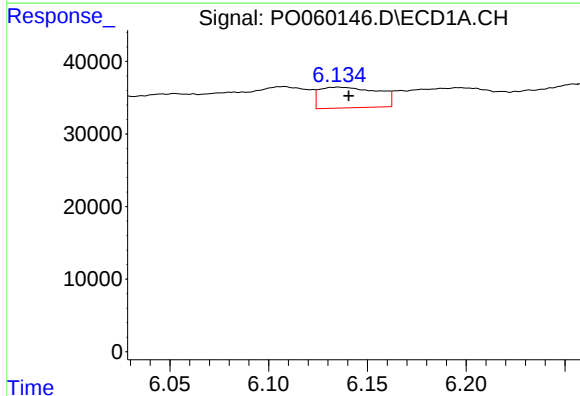
R.T.: 5.682 min
Delta R.T.: -0.024 min
Response: 63121
Conc: 37.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



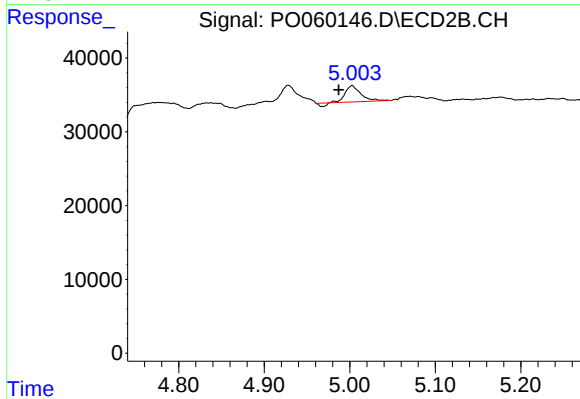
#23 AR-1248-3

R.T.: 4.838 min
Delta R.T.: 0.019 min
Response: 39275
Conc: 33.07 ng/ml



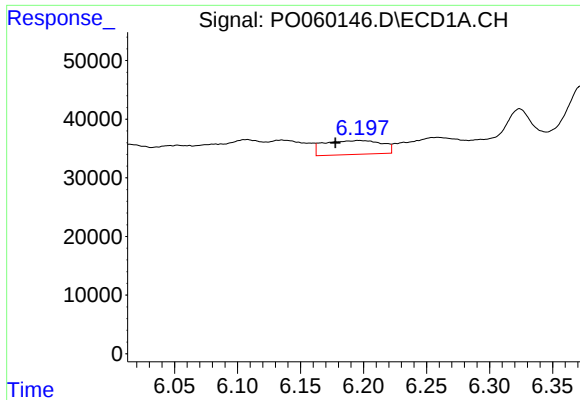
#24 AR-1248-4

R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 58598
Conc: 28.67 ng/ml



#24 AR-1248-4

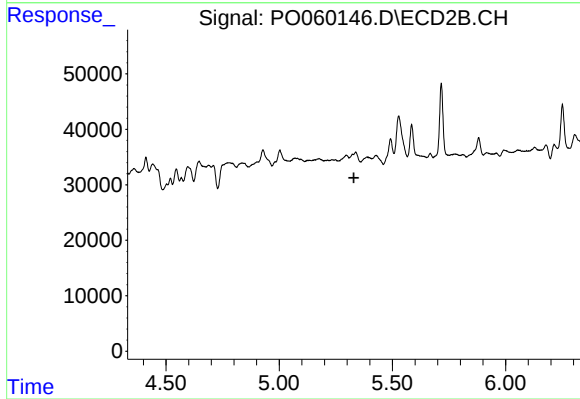
R.T.: 5.003 min
Delta R.T.: 0.016 min
Response: 25885
Conc: 17.81 ng/ml



#25 AR-1248-5

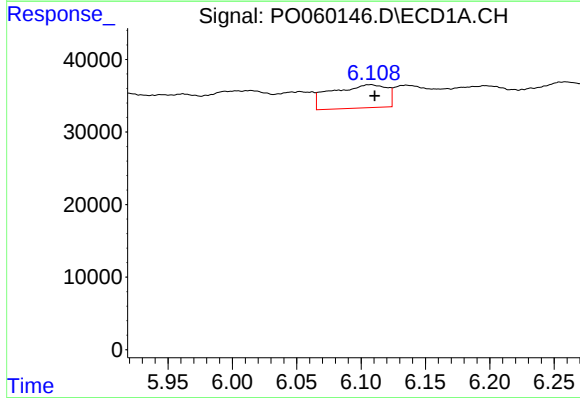
R.T.: 6.196 min
Delta R.T.: 0.019 min
Response: 76687
Conc: 38.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



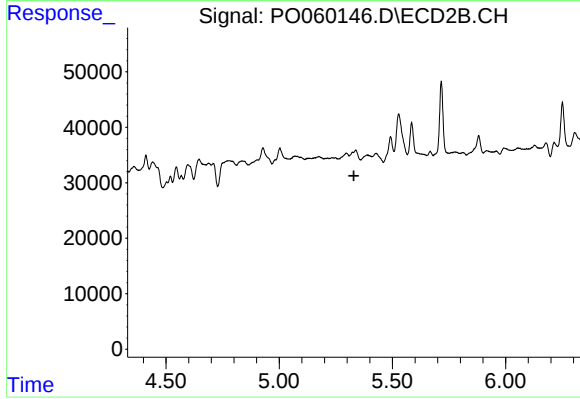
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



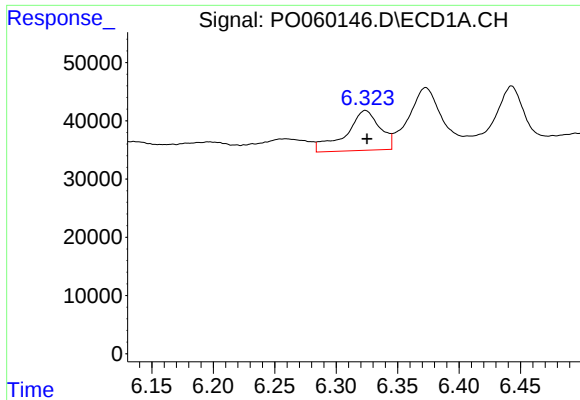
#26 AR-1254-1

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 95918
Conc: 45.97 ng/ml



#26 AR-1254-1

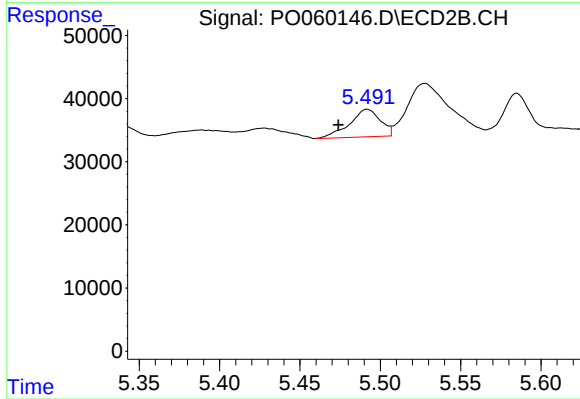
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

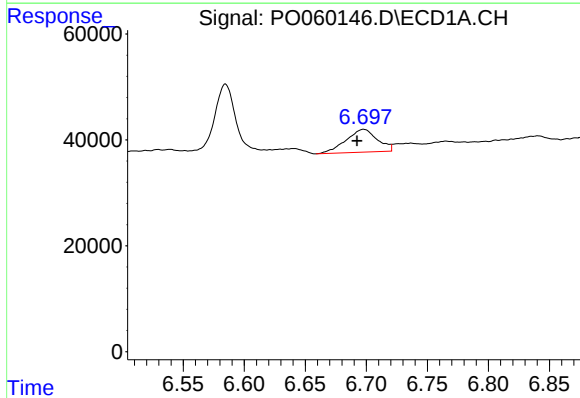
R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 132299
Conc: 39.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



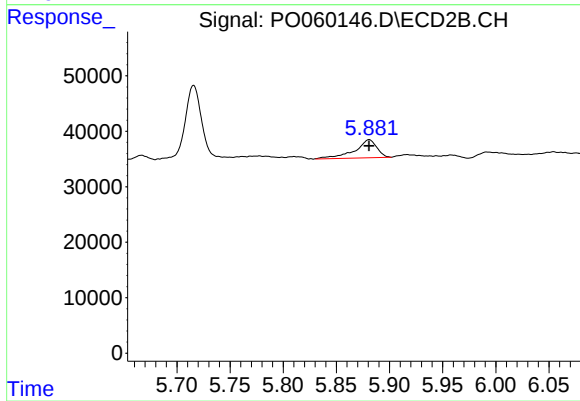
#27 AR-1254-2

R.T.: 5.492 min
Delta R.T.: 0.018 min
Response: 58129
Conc: 27.70 ng/ml



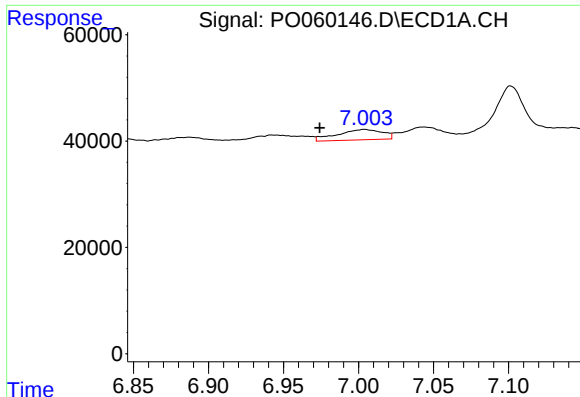
#28 AR-1254-3

R.T.: 6.698 min
Delta R.T.: 0.006 min
Response: 77162
Conc: 21.75 ng/ml



#28 AR-1254-3

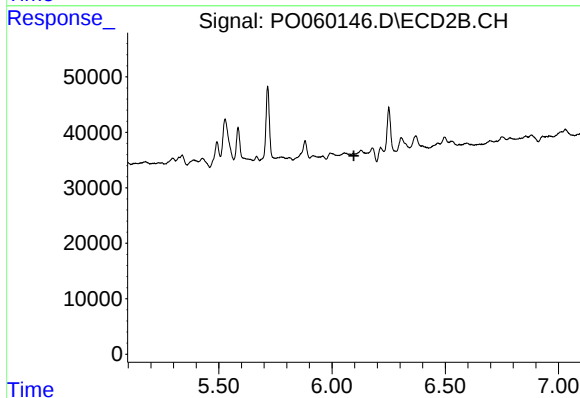
R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 47238
Conc: 14.05 ng/ml



#29 AR-1254-4

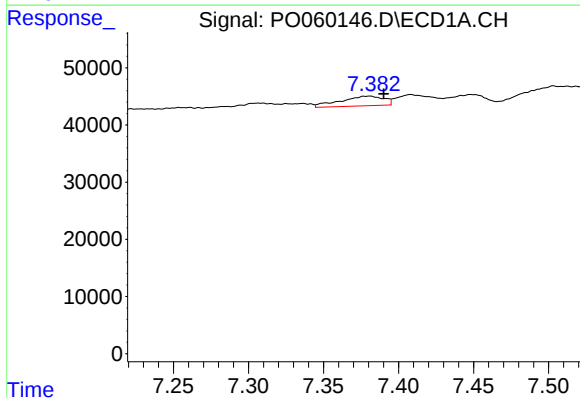
R.T.: 7.004 min
Delta R.T.: 0.030 min
Response: 41236
Conc: 14.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



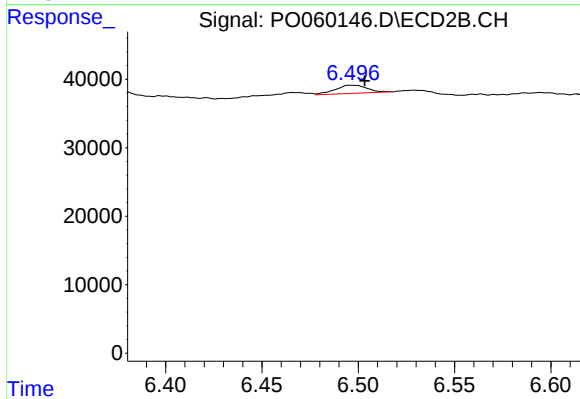
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.



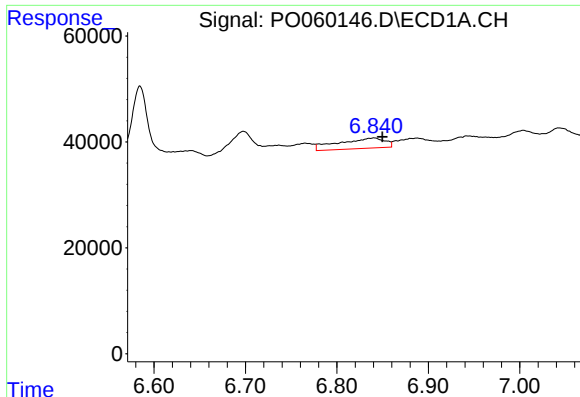
#30 AR-1254-5

R.T.: 7.380 min
Delta R.T.: -0.010 min
Response: 34281
Conc: 11.09 ng/ml



#30 AR-1254-5

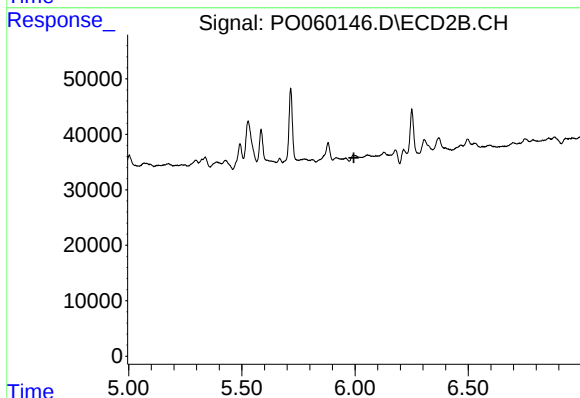
R.T.: 6.497 min
Delta R.T.: -0.007 min
Response: 13621
Conc: 4.39 ng/ml



#31 AR-1260-1

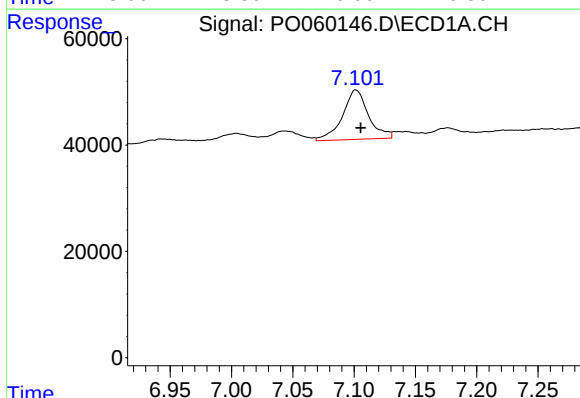
R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 68911
Conc: 25.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



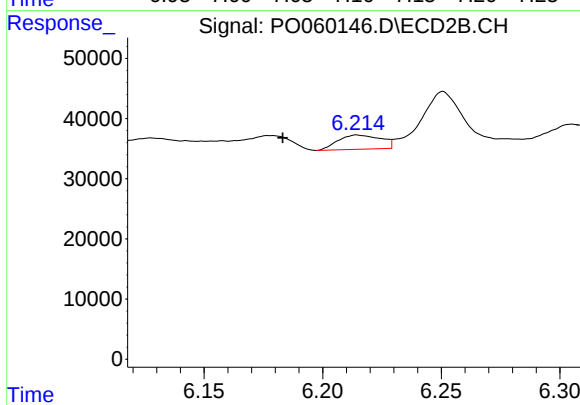
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



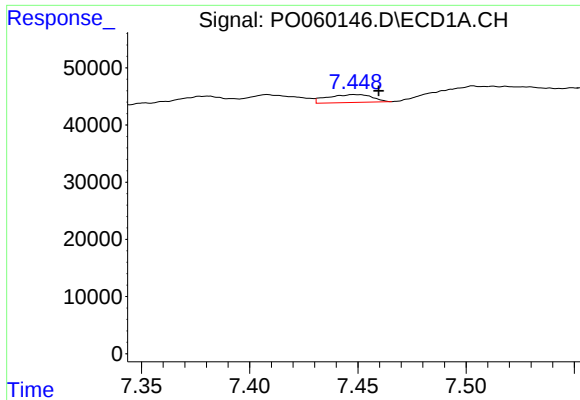
#32 AR-1260-2

R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 138156
Conc: 37.23 ng/ml



#32 AR-1260-2

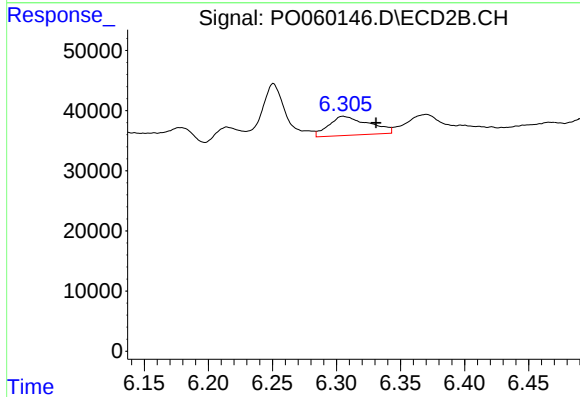
R.T.: 6.215 min
Delta R.T.: 0.032 min
Response: 29622
Conc: 10.11 ng/ml



#33 AR-1260-3

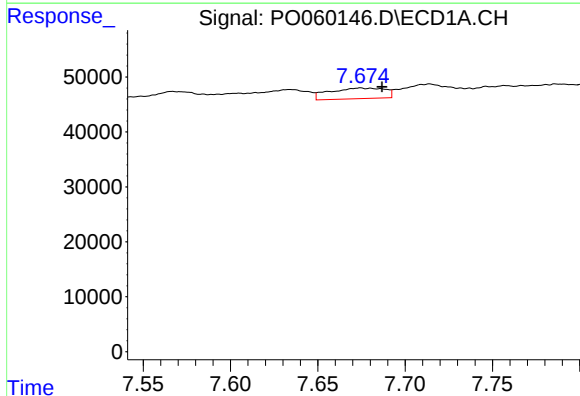
R.T.: 7.449 min
Delta R.T.: -0.011 min
Response: 20096
Conc: 6.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



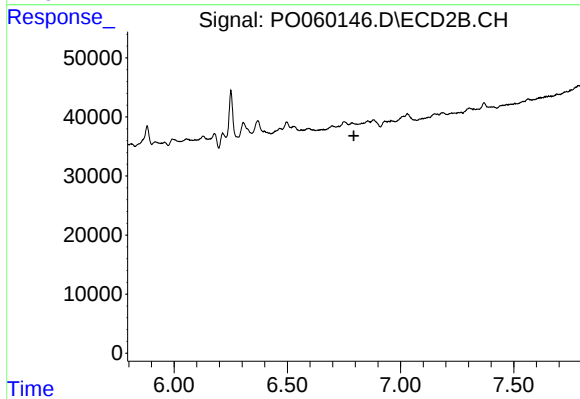
#33 AR-1260-3

R.T.: 6.305 min
Delta R.T.: -0.026 min
Response: 69133
Conc: 26.10 ng/ml



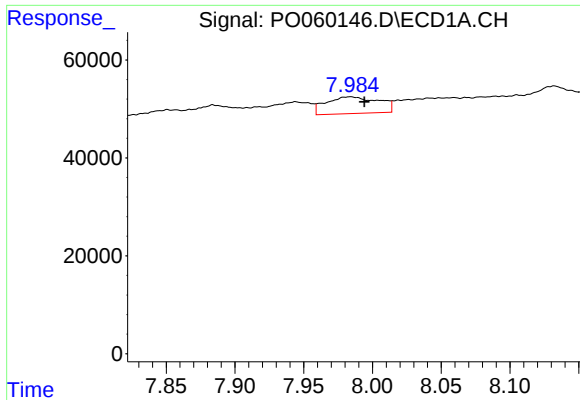
#34 AR-1260-4

R.T.: 7.675 min
Delta R.T.: -0.012 min
Response: 42278
Conc: 13.77 ng/ml



#34 AR-1260-4

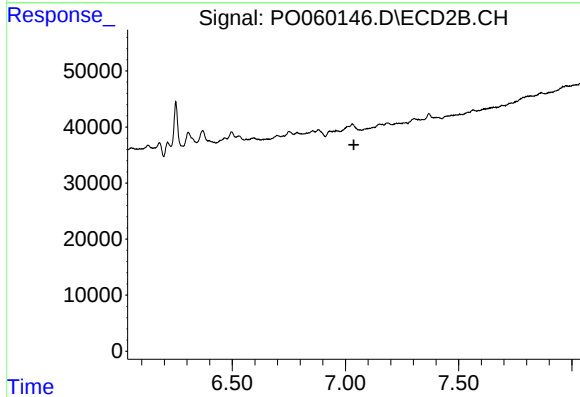
R.T.: 0.000 min
Exp R.T.: 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

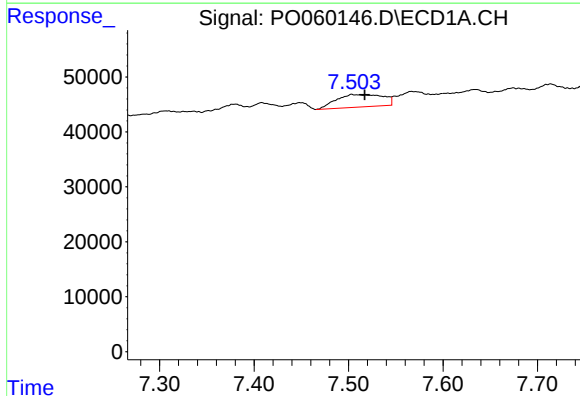
R.T.: 7.984 min
Delta R.T.: -0.011 min
Response: 91315
Conc: 12.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



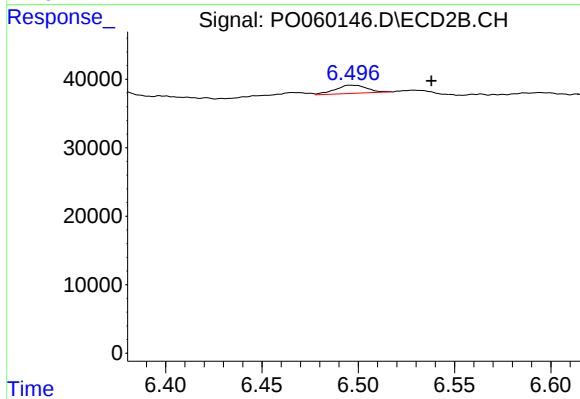
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



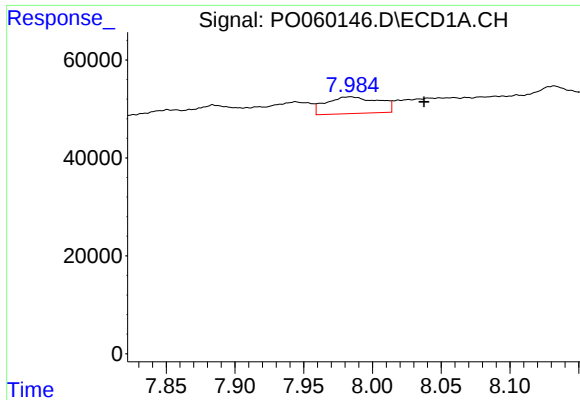
#36 AR-1262-1

R.T.: 7.504 min
Delta R.T.: -0.013 min
Response: 78393
Conc: 16.15 ng/ml



#36 AR-1262-1

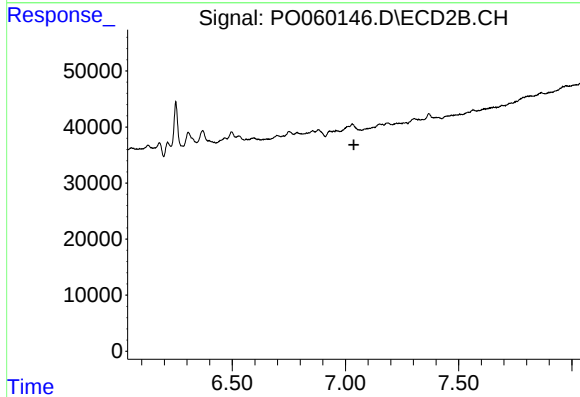
R.T.: 6.497 min
Delta R.T.: -0.041 min
Response: 13621
Conc: 3.65 ng/ml



#37 AR-1262-2

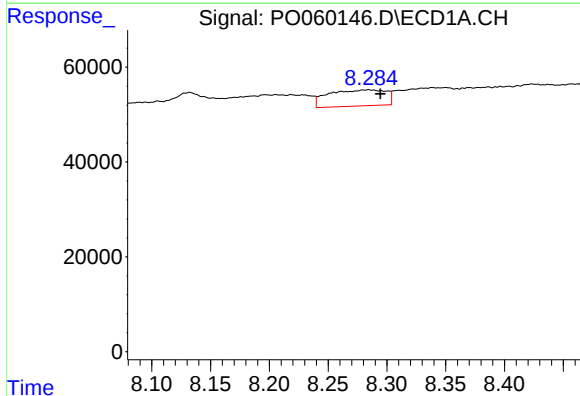
R.T.: 7.984 min
Delta R.T.: -0.054 min
Response: 91315
Conc: 11.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



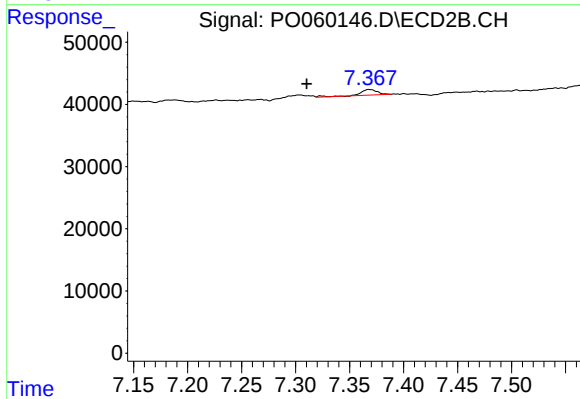
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



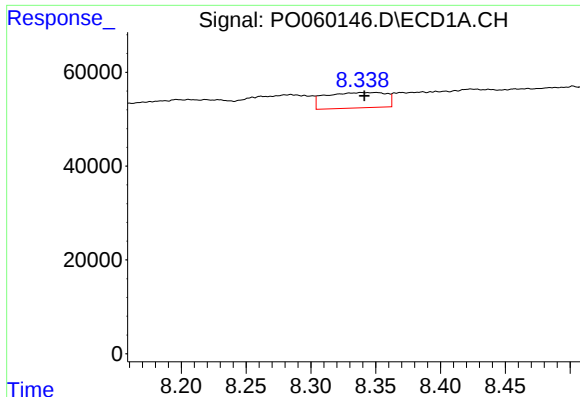
#38 AR-1262-3

R.T.: 8.284 min
Delta R.T.: -0.010 min
Response: 115681
Conc: 22.67 ng/ml



#38 AR-1262-3

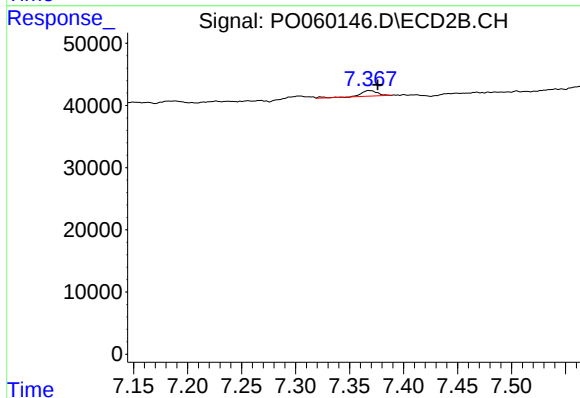
R.T.: 7.368 min
Delta R.T.: 0.058 min
Response: 10213
Conc: 4.02 ng/ml



#39 AR-1262-4

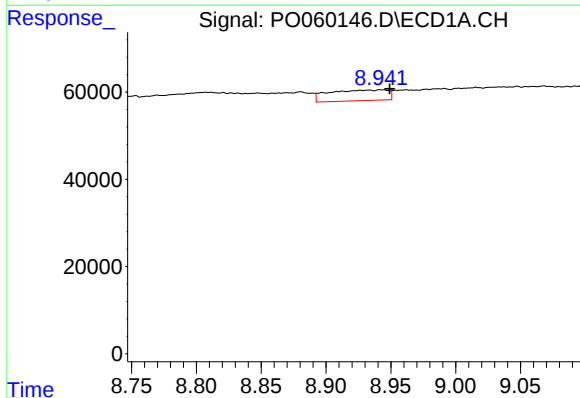
R.T.: 8.349 min
Delta R.T.: 0.008 min
Response: 107178
Conc: 27.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



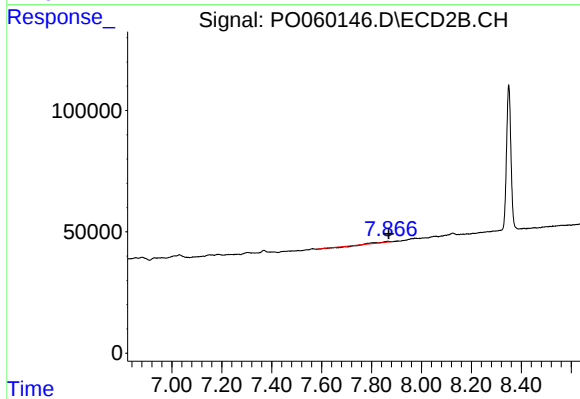
#39 AR-1262-4

R.T.: 7.368 min
Delta R.T.: -0.008 min
Response: 10213
Conc: 2.31 ng/ml



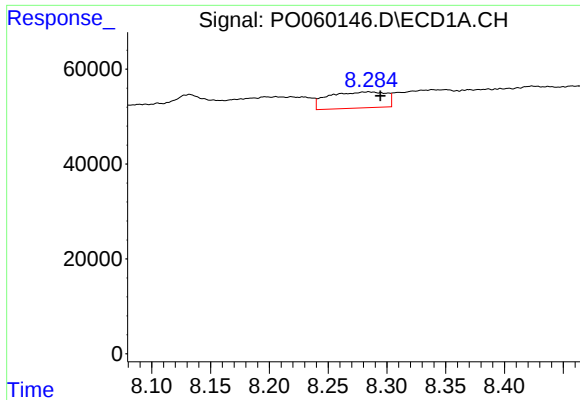
#40 AR-1262-5

R.T.: 8.943 min
Delta R.T.: -0.006 min
Response: 78321
Conc: 30.52 ng/ml



#40 AR-1262-5

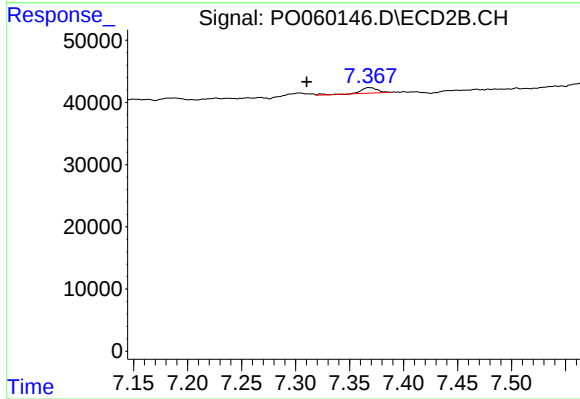
R.T.: 7.866 min
Delta R.T.: -0.003 min
Response: 3880
Conc: 2.15 ng/ml



#41 AR-1268-1

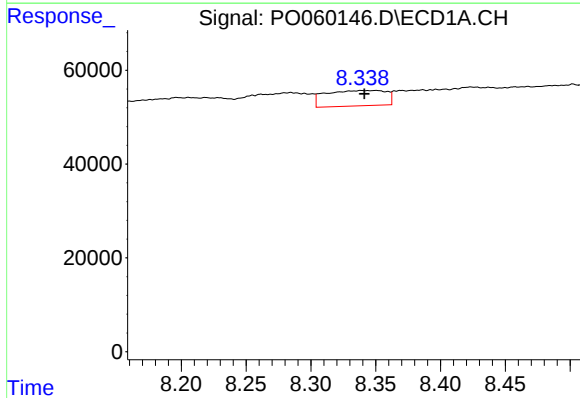
R.T.: 8.284 min
Delta R.T.: -0.010 min
Response: 115681
Conc: 12.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



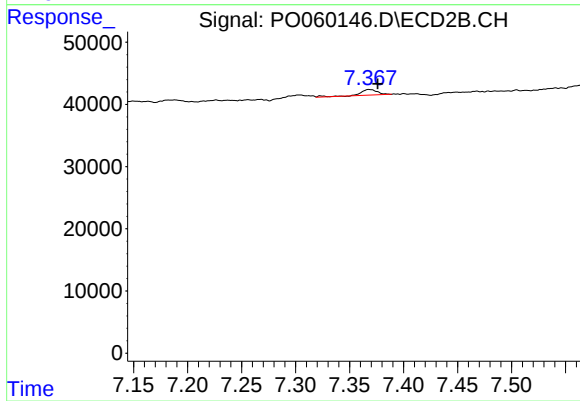
#41 AR-1268-1

R.T.: 7.368 min
Delta R.T.: 0.058 min
Response: 10213
Conc: 1.43 ng/ml



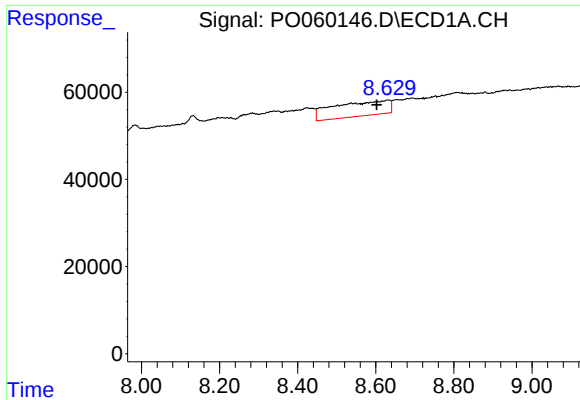
#42 AR-1268-2

R.T.: 8.349 min
Delta R.T.: 0.008 min
Response: 107178
Conc: 13.60 ng/ml



#42 AR-1268-2

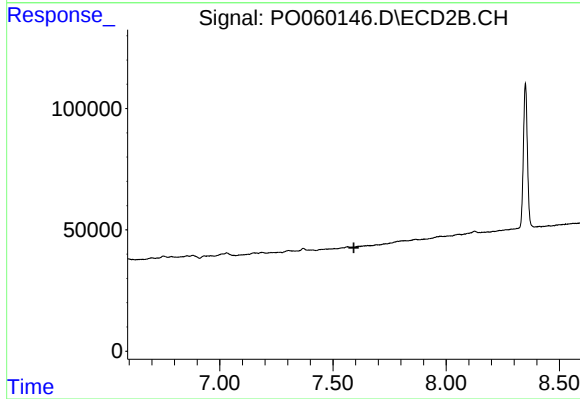
R.T.: 7.368 min
Delta R.T.: -0.008 min
Response: 10213
Conc: 1.58 ng/ml



#43 AR-1268-3

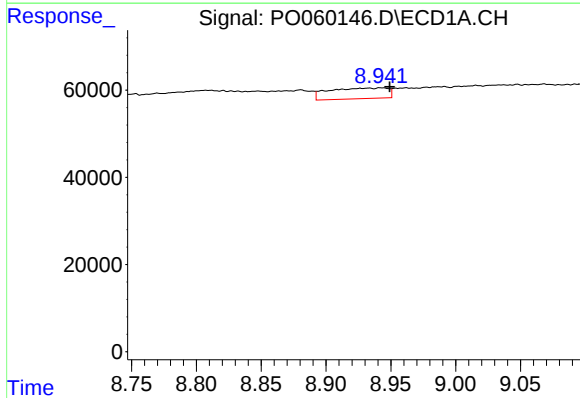
R.T.: 8.631 min
Delta R.T.: 0.029 min
Response: 336178
Conc: 47.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



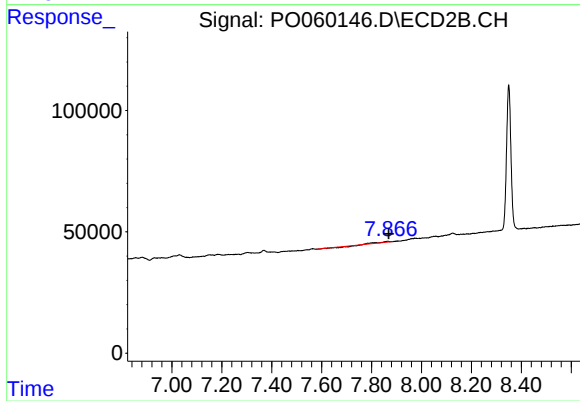
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



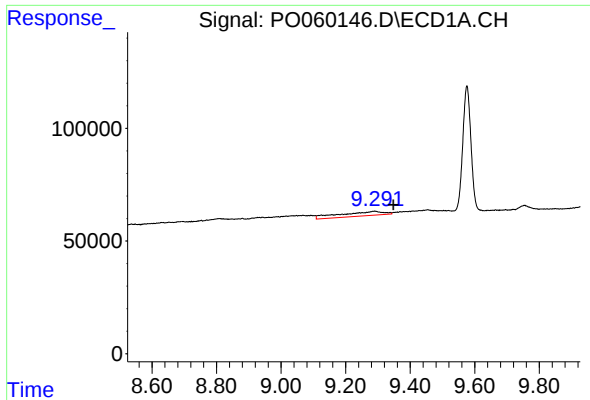
#44 AR-1268-4

R.T.: 8.943 min
Delta R.T.: -0.006 min
Response: 78321
Conc: 28.17 ng/ml



#44 AR-1268-4

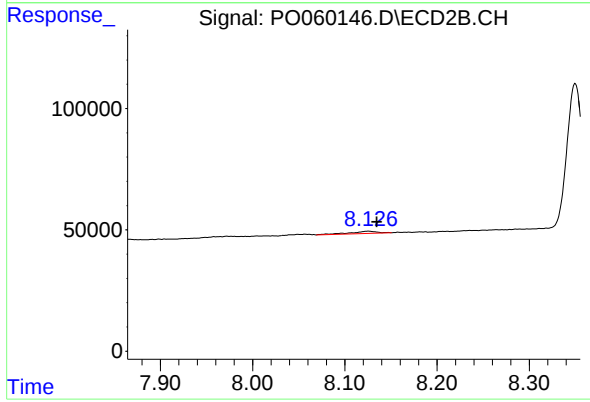
R.T.: 7.866 min
Delta R.T.: -0.003 min
Response: 3880
Conc: 1.90 ng/ml



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: -0.058 min
Response: 182183
Conc: 9.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-01-082819



#45 AR-1268-5

R.T.: 8.126 min
Delta R.T.: -0.009 min
Response: 18804
Conc: 1.29 ng/ml