

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012220\
 Data File : P0065823.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jan 2020 6:56
 Operator : DD\AJ
 Sample : L1215-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 07:28:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 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...	4.160	3.436	577420	860877	31.622	39.135
2)	SA Decachlor...	9.656	8.334	724419	815687	21.380	19.669
Target Compounds							
3)	L1 AR-1016-1	5.335	4.499	20956	40308	24.028	39.121 #
4)	L1 AR-1016-2	5.335	4.499	20956	40308	16.338	27.816 #
5)	L1 AR-1016-3	5.391	0.000	12425	0	15.770	N.D. #
6)	L1 AR-1016-4	5.491	4.789	4025	48231	6.237	72.140 #
7)	L1 AR-1016-5	5.833	4.948	41253	78398	62.227	92.139 #
8)	L2 AR-1221-1	4.346	3.643	15611	21013	75.305	81.045
9)	L2 AR-1221-2	4.459	3.728	28480	13034	182.406	66.102 #
10)	L2 AR-1221-3	4.540	3.845	25233	107970	48.319	167.578 #
11)	L3 AR-1232-1	4.540	3.845	25233	107970	62.386	216.718 #
12)	L3 AR-1232-2	5.044	4.531	76838	19640	365.387	36.422 #
13)	L3 AR-1232-3	5.335	0.000	20956	0	44.878	N.D. #
14)	L3 AR-1232-4	5.491	4.789	4025	48231	17.250	180.414 #
15)	L3 AR-1232-5	5.584	4.948	11996	78398	67.852	273.465 #
16)	L4 AR-1242-1	5.335	4.499	20956	40308	35.996	59.137 #
17)	L4 AR-1242-2	5.335	4.499	20956	40308	24.507	42.061 #
18)	L4 AR-1242-3	5.391	0.000	12425	0	23.694	N.D. #
19)	L4 AR-1242-4	5.491	4.789	4025	48231	9.499	92.278 #
20)	L4 AR-1242-5	6.238	5.282	117552	44147	215.876	60.741 #
21)	L5 AR-1248-1	5.335	4.499	20956	40308	45.037	72.711 #
22)	L5 AR-1248-2	5.584	4.789	11996	48231	18.180	62.863 #
23)	L5 AR-1248-3	5.833	4.789	41253	48231	54.750	61.301
24)	L5 AR-1248-4	6.183	4.948	46381	78398	48.963	81.792 #
25)	L5 AR-1248-5	6.238	5.330	117552	35774	128.510	35.339 #
26)	L6 AR-1254-1	6.183	5.282	46381	44147	54.674	30.473 #
27)	L6 AR-1254-2	6.368	5.452	199872	67573	145.445	51.086 #
28)	L6 AR-1254-3	6.737	5.839	191140	63101	123.325	28.001 #
29)	L6 AR-1254-4	7.011	6.049	158471	74066	124.319	49.129 #
30)	L6 AR-1254-5	7.455	6.464	52358	124877	37.283	56.101 #
31)	L7 AR-1260-1	6.890	5.953	173201	137132	125.578	72.840 #
32)	L7 AR-1260-2	7.146	6.141	248252	162934	141.492	67.065 #
33)	L7 AR-1260-3	7.502	6.290	106303	110402	75.211	51.006 #
34)	L7 AR-1260-4	7.723	6.764	296682	137489	169.914	68.531 #
35)	L7 AR-1260-5	8.030	6.999	149634	127311	44.619	25.717 #
36)	L8 AR-1262-1	7.502	6.555	106303	39892	64.260	42.315 #
37)	L8 AR-1262-2	8.030	6.999	149634	127311	46.726	28.333 #
38)	L8 AR-1262-3	8.328	7.278	59207	33832	26.009	20.102
39)	L8 AR-1262-4	8.398	7.342	24592	98272	13.912	28.576 #
40)	L8 AR-1262-5	8.993	7.835	22878	31656	17.198	18.564
41)	L9 AR-1268-1	8.328	7.278	59207	33832	14.554	6.370 #

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 ALS Vial : 40 Sample Multiplier: 1

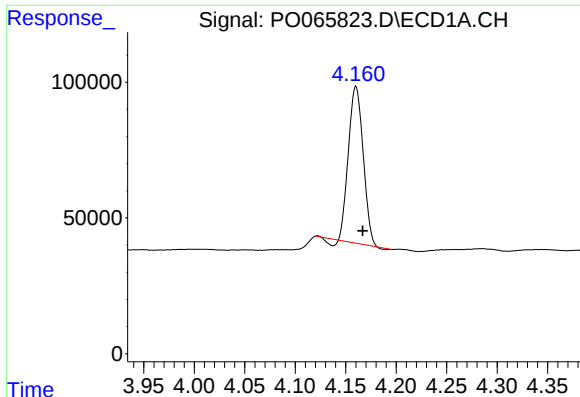
Instrument :
 ECD_O
 ClientSampleId :

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	8.398	7.342	24592	98272	6.390	19.347 #
43) L9	AR-1268-3	8.598	0.000	11570	0	3.595	N.D. #
44) L9	AR-1268-4	8.993	7.835	22878	31656	14.894	15.994
45) L9	AR-1268-5	9.361	8.103	18321	25830	1.654	1.797

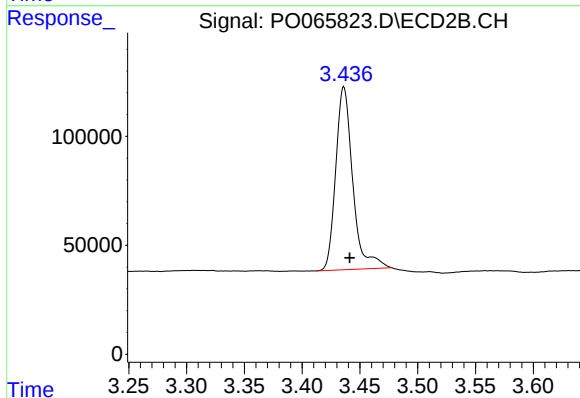
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

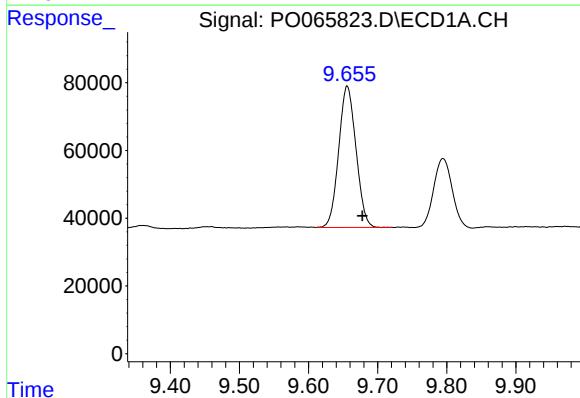
R.T.: 4.160 min
Delta R.T.: -0.007 min
Response: 577420
Conc: 31.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



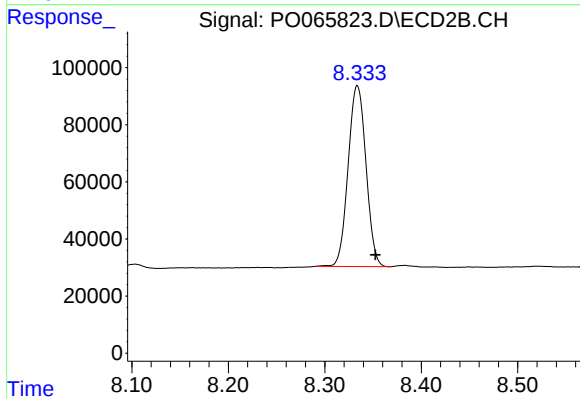
#1 Tetrachloro-m-xylene

R.T.: 3.436 min
Delta R.T.: -0.005 min
Response: 860877
Conc: 39.14 ng/ml



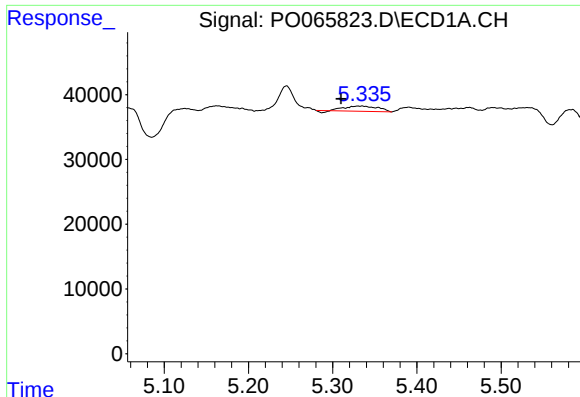
#2 Decachlorobiphenyl

R.T.: 9.656 min
Delta R.T.: -0.022 min
Response: 724419
Conc: 21.38 ng/ml



#2 Decachlorobiphenyl

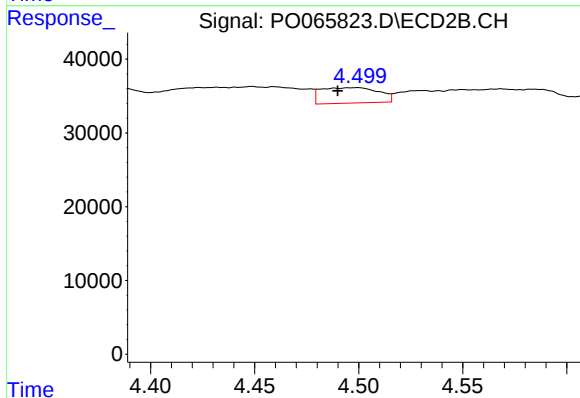
R.T.: 8.334 min
Delta R.T.: -0.019 min
Response: 815687
Conc: 19.67 ng/ml



#3 AR-1016-1

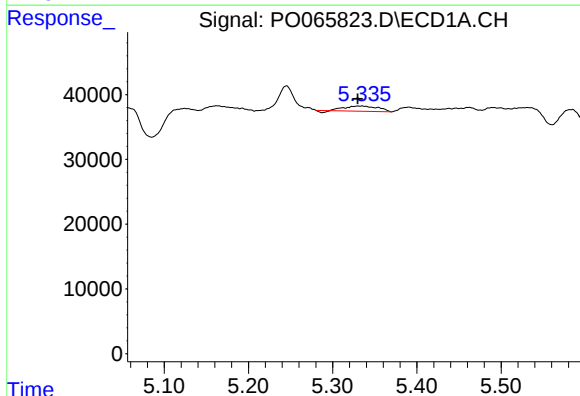
R.T.: 5.335 min
Delta R.T.: 0.025 min
Response: 20956
Conc: 24.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



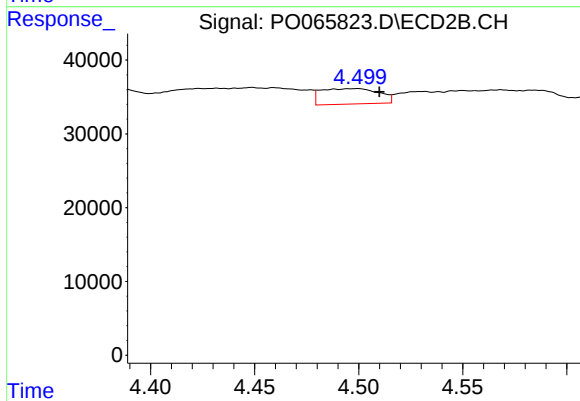
#3 AR-1016-1

R.T.: 4.499 min
Delta R.T.: 0.009 min
Response: 40308
Conc: 39.12 ng/ml



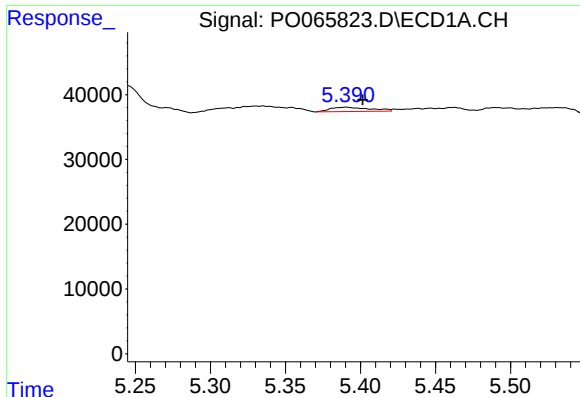
#4 AR-1016-2

R.T.: 5.335 min
Delta R.T.: 0.005 min
Response: 20956
Conc: 16.34 ng/ml



#4 AR-1016-2

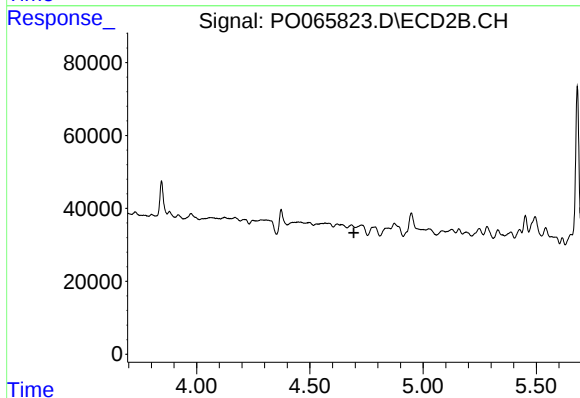
R.T.: 4.499 min
Delta R.T.: -0.011 min
Response: 40308
Conc: 27.82 ng/ml



#5 AR-1016-3

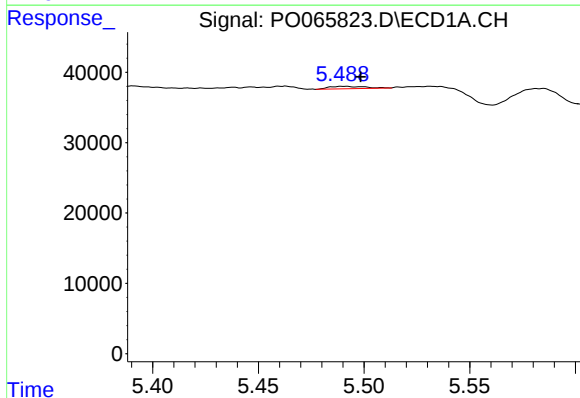
R.T.: 5.391 min
Delta R.T.: -0.011 min
Response: 12425
Conc: 15.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



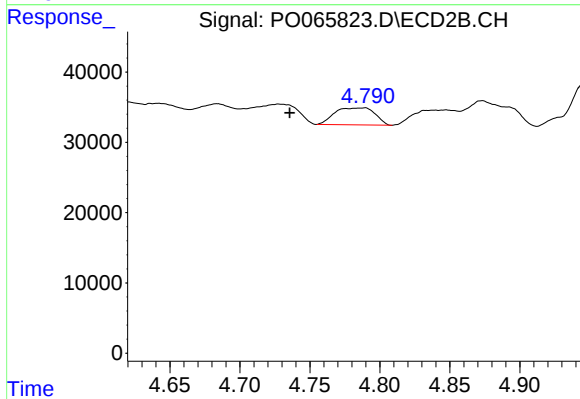
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



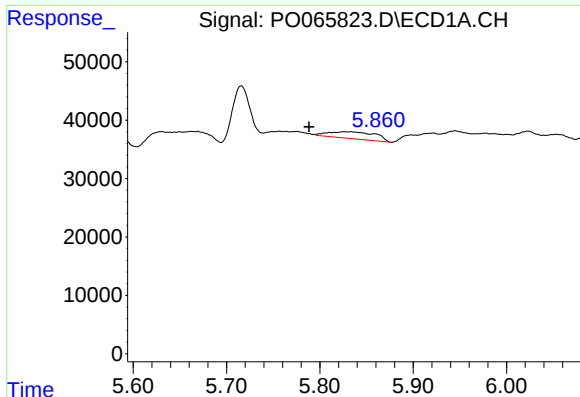
#6 AR-1016-4

R.T.: 5.491 min
Delta R.T.: -0.008 min
Response: 4025
Conc: 6.24 ng/ml



#6 AR-1016-4

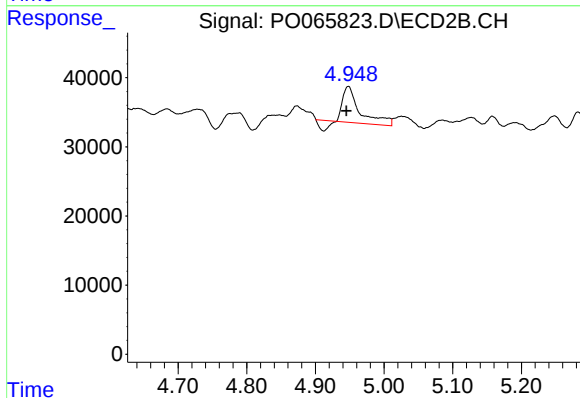
R.T.: 4.789 min
Delta R.T.: 0.053 min
Response: 48231
Conc: 72.14 ng/ml



#7 AR-1016-5

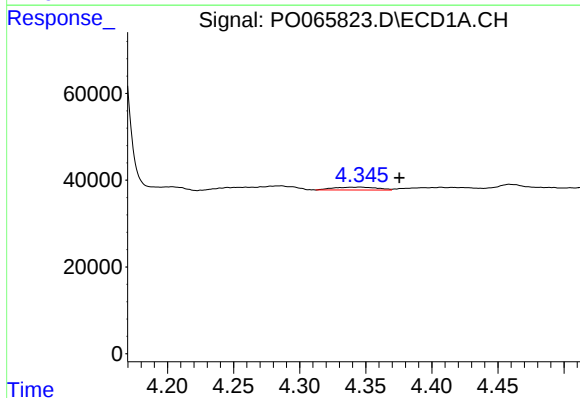
R.T.: 5.833 min
Delta R.T.: 0.045 min
Response: 41253
Conc: 62.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



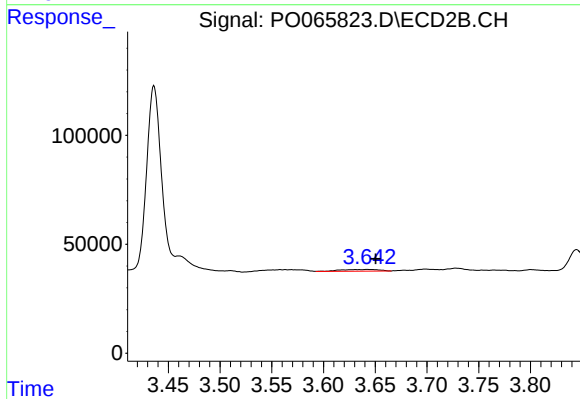
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: 0.003 min
Response: 78398
Conc: 92.14 ng/ml



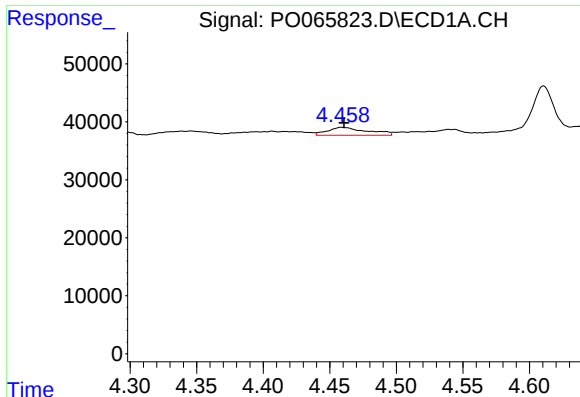
#8 AR-1221-1

R.T.: 4.346 min
Delta R.T.: -0.030 min
Response: 15611
Conc: 75.31 ng/ml



#8 AR-1221-1

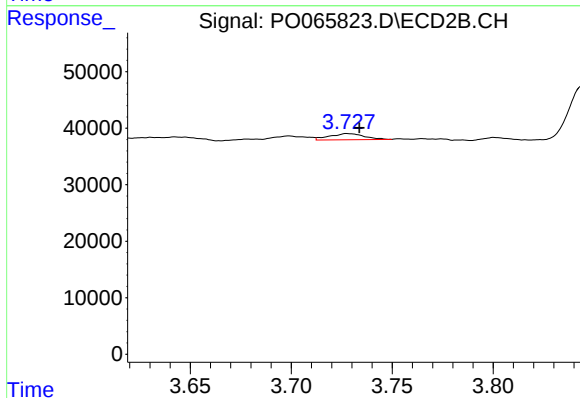
R.T.: 3.643 min
Delta R.T.: -0.008 min
Response: 21013
Conc: 81.04 ng/ml



#9 AR-1221-2

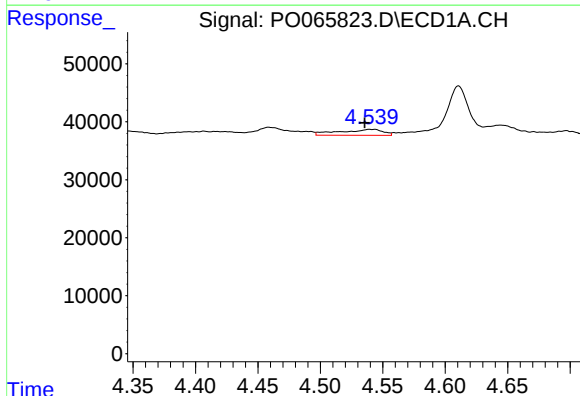
R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 28480
Conc: 182.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



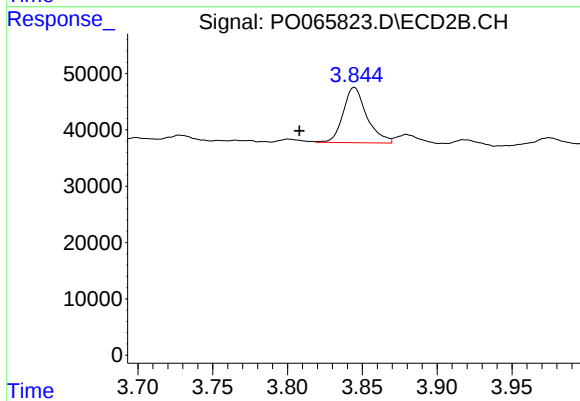
#9 AR-1221-2

R.T.: 3.728 min
Delta R.T.: -0.006 min
Response: 13034
Conc: 66.10 ng/ml



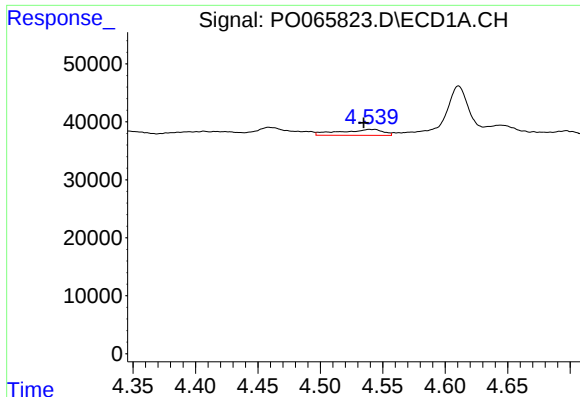
#10 AR-1221-3

R.T.: 4.540 min
Delta R.T.: 0.004 min
Response: 25233
Conc: 48.32 ng/ml



#10 AR-1221-3

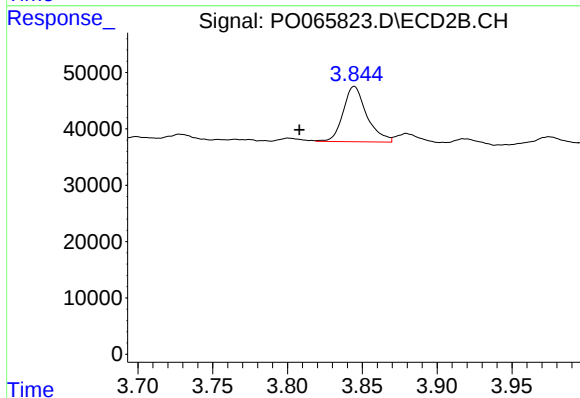
R.T.: 3.845 min
Delta R.T.: 0.037 min
Response: 107970
Conc: 167.58 ng/ml



#11 AR-1232-1

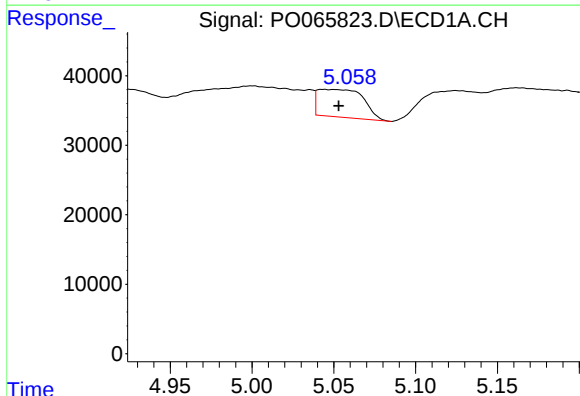
R.T.: 4.540 min
Delta R.T.: 0.005 min
Response: 25233
Conc: 62.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



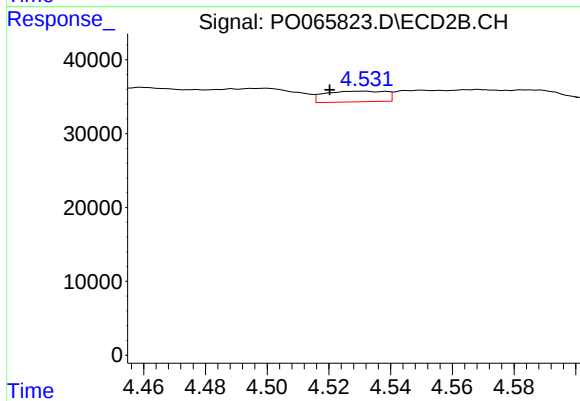
#11 AR-1232-1

R.T.: 3.845 min
Delta R.T.: 0.037 min
Response: 107970
Conc: 216.72 ng/ml



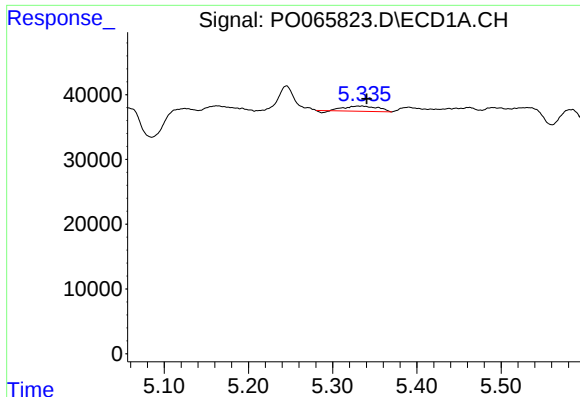
#12 AR-1232-2

R.T.: 5.044 min
Delta R.T.: -0.009 min
Response: 76838
Conc: 365.39 ng/ml



#12 AR-1232-2

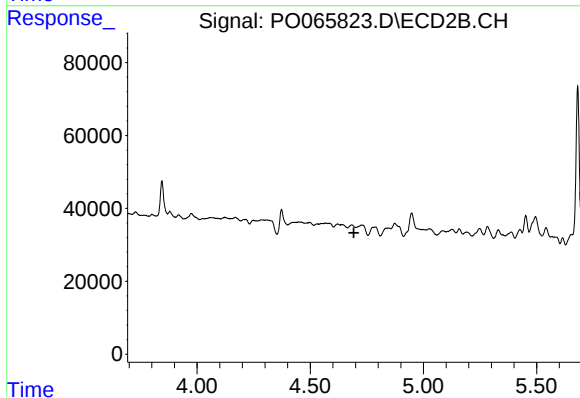
R.T.: 4.531 min
Delta R.T.: 0.010 min
Response: 19640
Conc: 36.42 ng/ml



#13 AR-1232-3

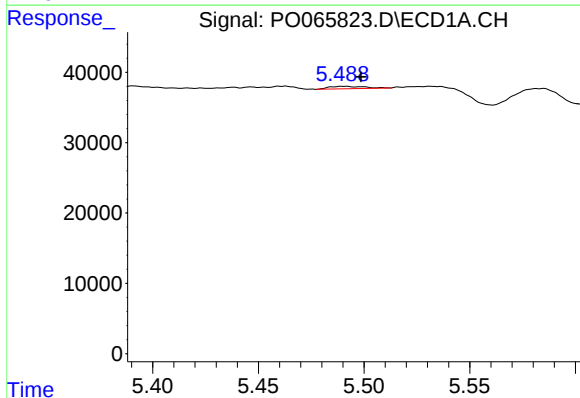
R.T.: 5.335 min
Delta R.T.: -0.006 min
Response: 20956
Conc: 44.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



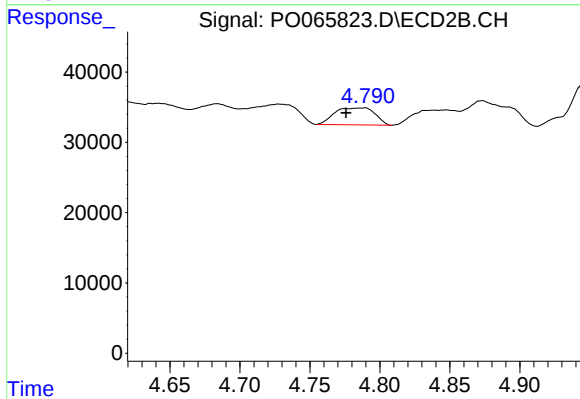
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



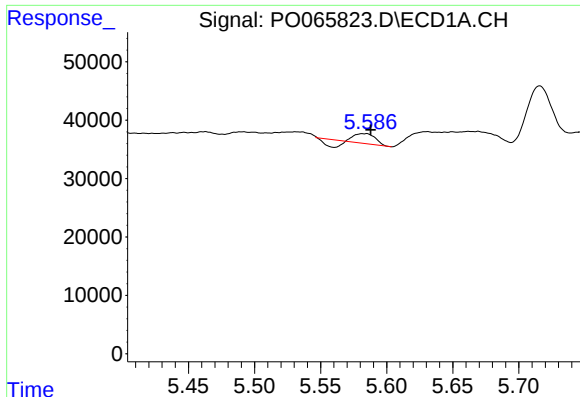
#14 AR-1232-4

R.T.: 5.491 min
Delta R.T.: -0.008 min
Response: 4025
Conc: 17.25 ng/ml



#14 AR-1232-4

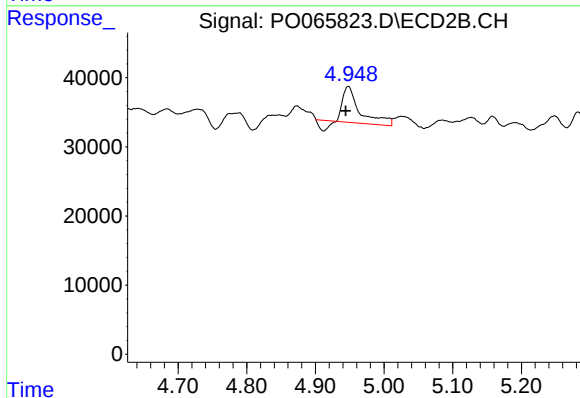
R.T.: 4.789 min
Delta R.T.: 0.013 min
Response: 48231
Conc: 180.41 ng/ml



#15 AR-1232-5

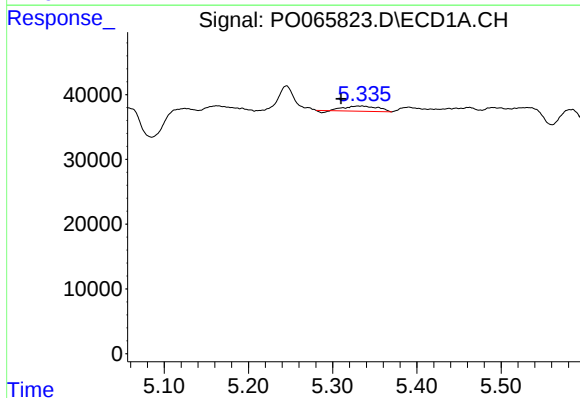
R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 11996
Conc: 67.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



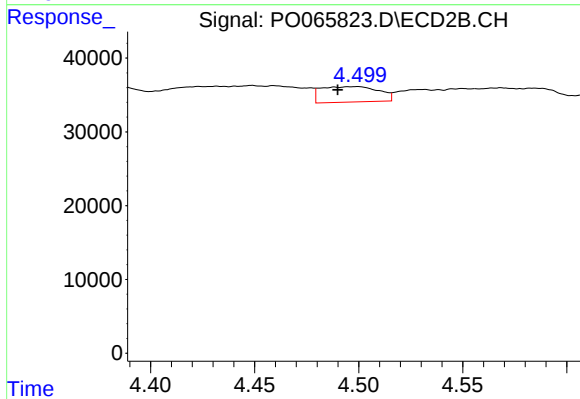
#15 AR-1232-5

R.T.: 4.948 min
Delta R.T.: 0.004 min
Response: 78398
Conc: 273.47 ng/ml



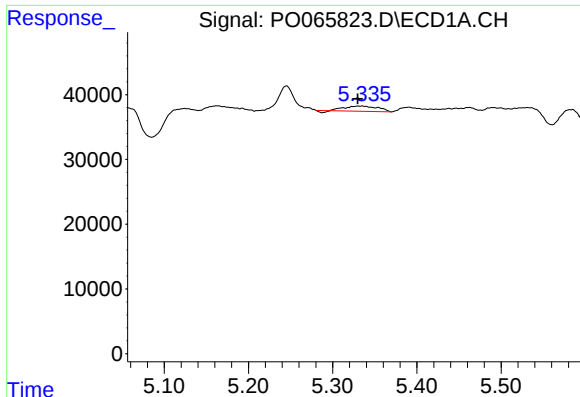
#16 AR-1242-1

R.T.: 5.335 min
Delta R.T.: 0.025 min
Response: 20956
Conc: 36.00 ng/ml



#16 AR-1242-1

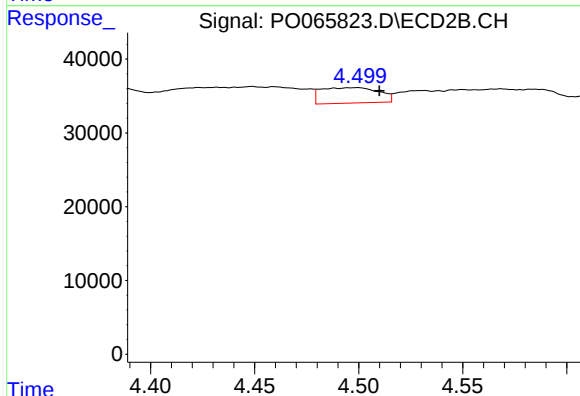
R.T.: 4.499 min
Delta R.T.: 0.009 min
Response: 40308
Conc: 59.14 ng/ml



#17 AR-1242-2

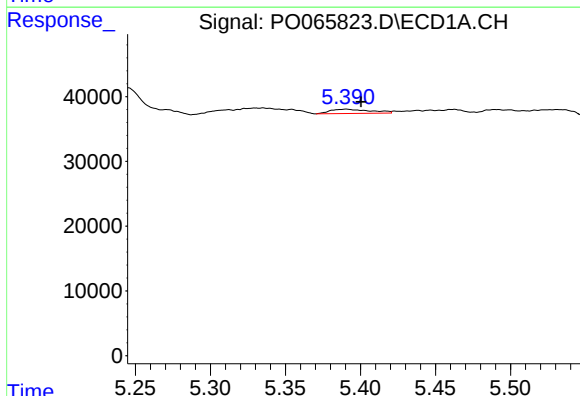
R.T.: 5.335 min
Delta R.T.: 0.005 min
Response: 20956
Conc: 24.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



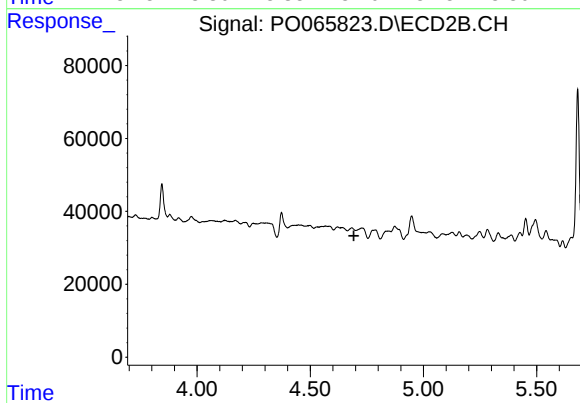
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: -0.011 min
Response: 40308
Conc: 42.06 ng/ml



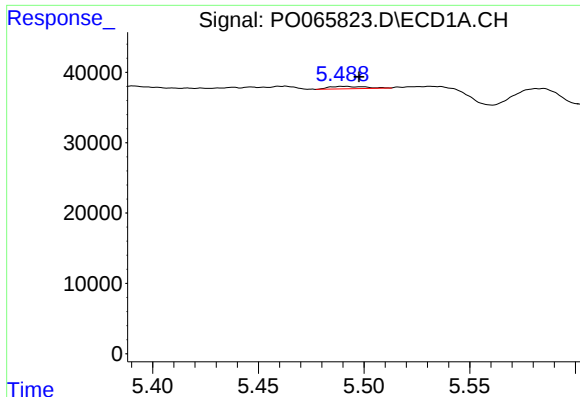
#18 AR-1242-3

R.T.: 5.391 min
Delta R.T.: -0.010 min
Response: 12425
Conc: 23.69 ng/ml



#18 AR-1242-3

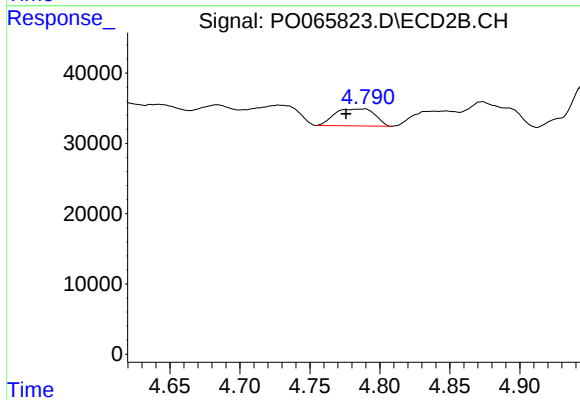
R.T.: 0.000 min
Exp R.T.: 4.693 min
Response: 0
Conc: N.D.



#19 AR-1242-4

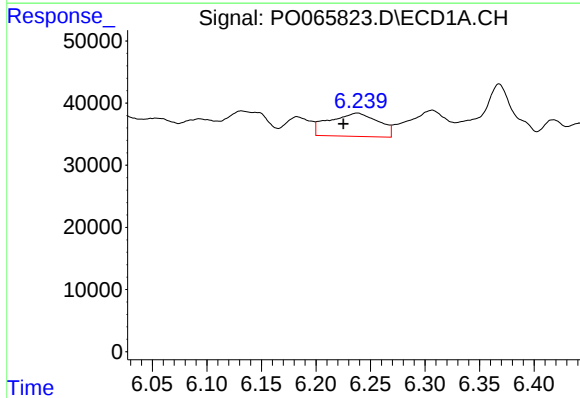
R.T.: 5.491 min
Delta R.T.: -0.007 min
Response: 4025
Conc: 9.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



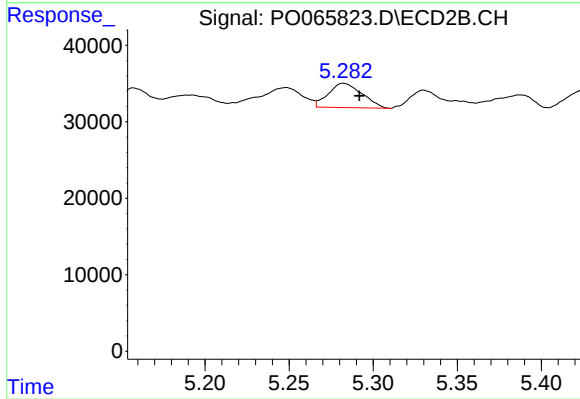
#19 AR-1242-4

R.T.: 4.789 min
Delta R.T.: 0.013 min
Response: 48231
Conc: 92.28 ng/ml



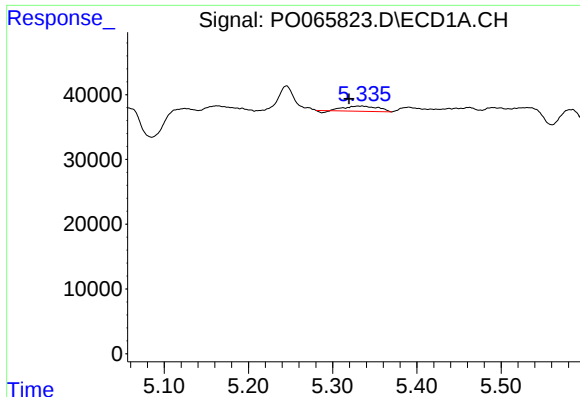
#20 AR-1242-5

R.T.: 6.238 min
Delta R.T.: 0.013 min
Response: 117552
Conc: 215.88 ng/ml



#20 AR-1242-5

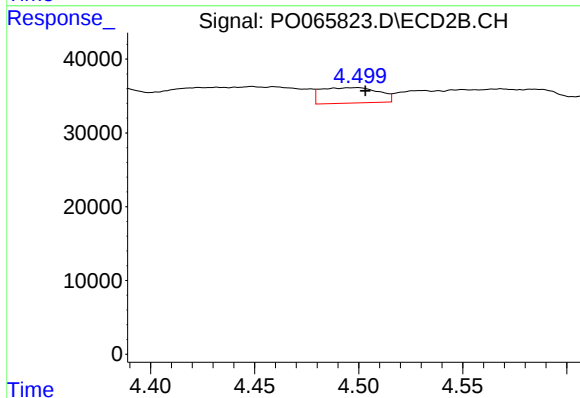
R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 44147
Conc: 60.74 ng/ml



#21 AR-1248-1

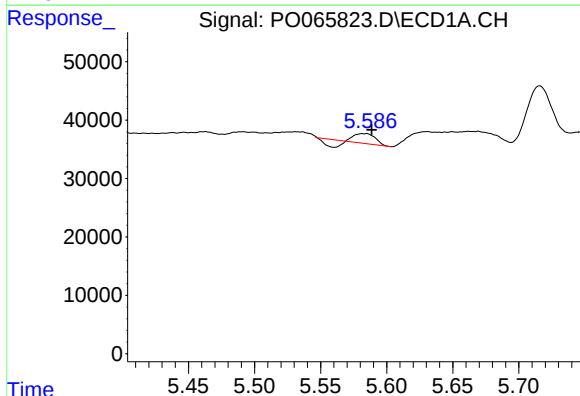
R.T.: 5.335 min
Delta R.T.: 0.015 min
Response: 20956
Conc: 45.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



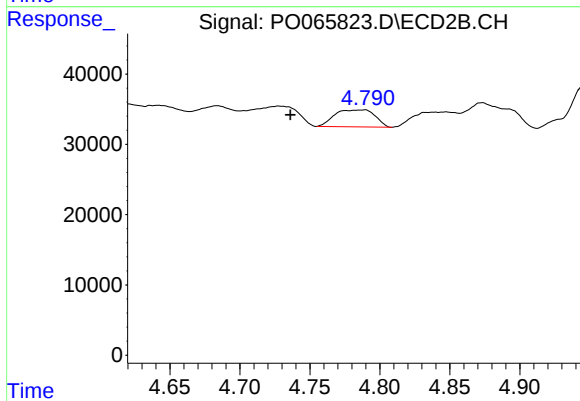
#21 AR-1248-1

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 40308
Conc: 72.71 ng/ml



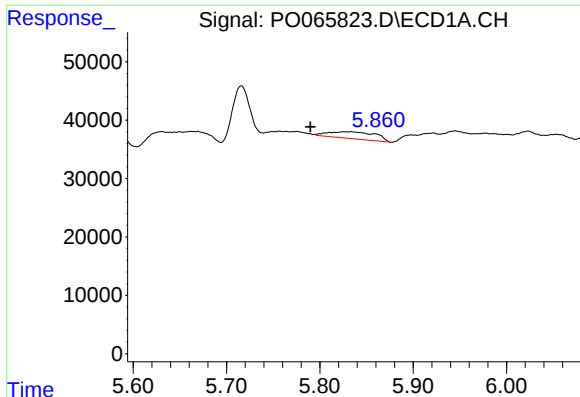
#22 AR-1248-2

R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 11996
Conc: 18.18 ng/ml



#22 AR-1248-2

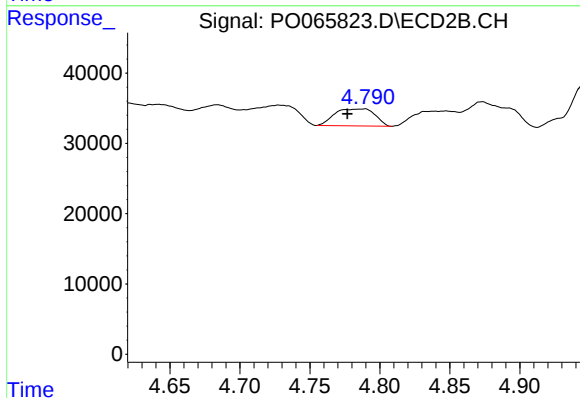
R.T.: 4.789 min
Delta R.T.: 0.053 min
Response: 48231
Conc: 62.86 ng/ml



#23 AR-1248-3

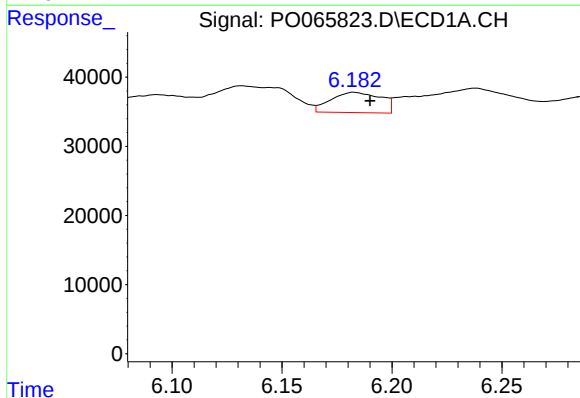
R.T.: 5.833 min
Delta R.T.: 0.044 min
Response: 41253
Conc: 54.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



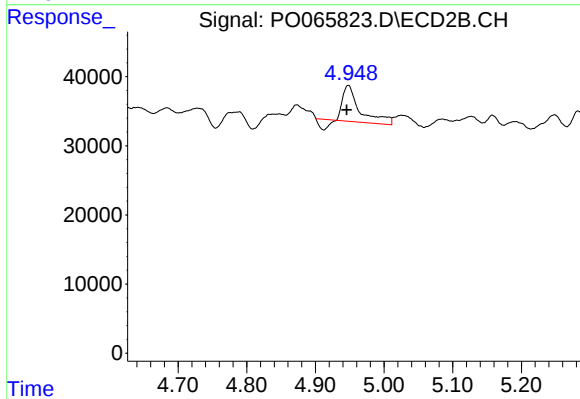
#23 AR-1248-3

R.T.: 4.789 min
Delta R.T.: 0.012 min
Response: 48231
Conc: 61.30 ng/ml



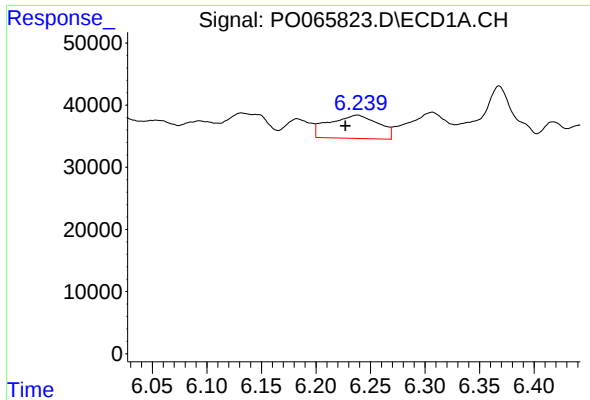
#24 AR-1248-4

R.T.: 6.183 min
Delta R.T.: -0.007 min
Response: 46381
Conc: 48.96 ng/ml



#24 AR-1248-4

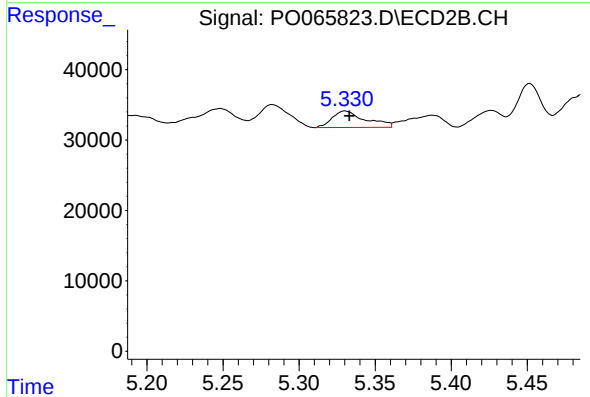
R.T.: 4.948 min
Delta R.T.: 0.002 min
Response: 78398
Conc: 81.79 ng/ml



#25 AR-1248-5

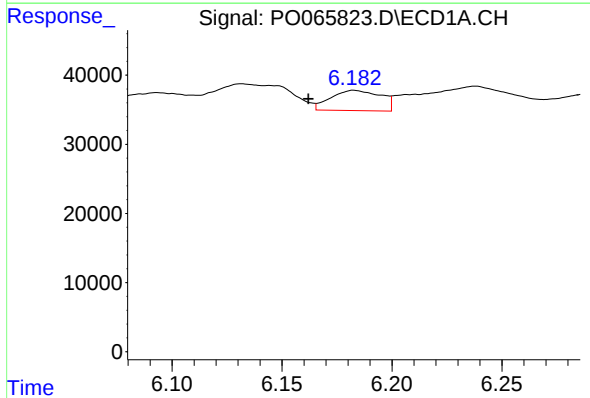
R.T.: 6.238 min
Delta R.T.: 0.011 min
Response: 117552
Conc: 128.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



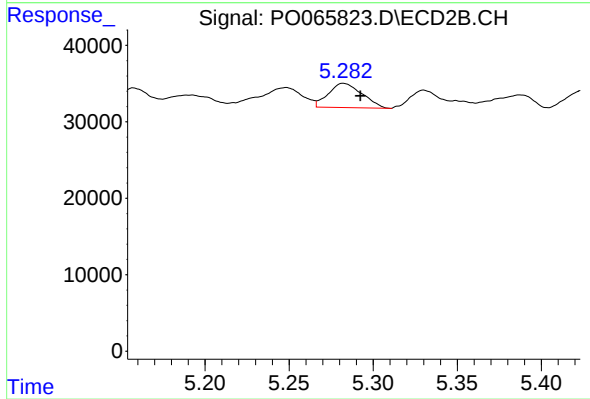
#25 AR-1248-5

R.T.: 5.330 min
Delta R.T.: -0.003 min
Response: 35774
Conc: 35.34 ng/ml



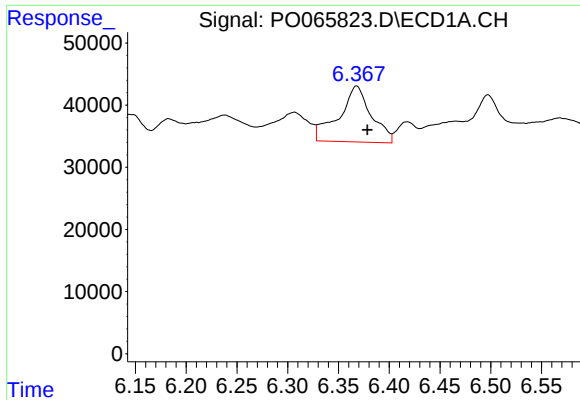
#26 AR-1254-1

R.T.: 6.183 min
Delta R.T.: 0.021 min
Response: 46381
Conc: 54.67 ng/ml



#26 AR-1254-1

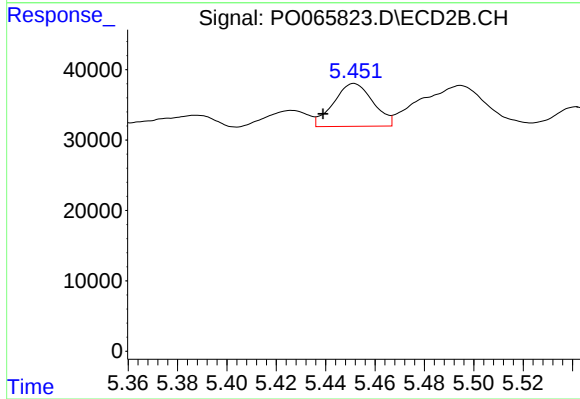
R.T.: 5.282 min
Delta R.T.: -0.010 min
Response: 44147
Conc: 30.47 ng/ml



#27 AR-1254-2

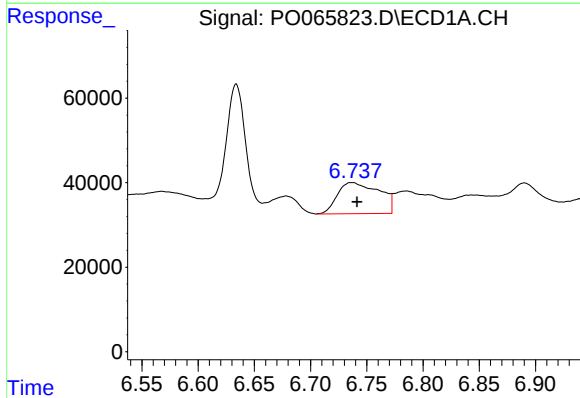
R.T.: 6.368 min
Delta R.T.: -0.011 min
Response: 199872
Conc: 145.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



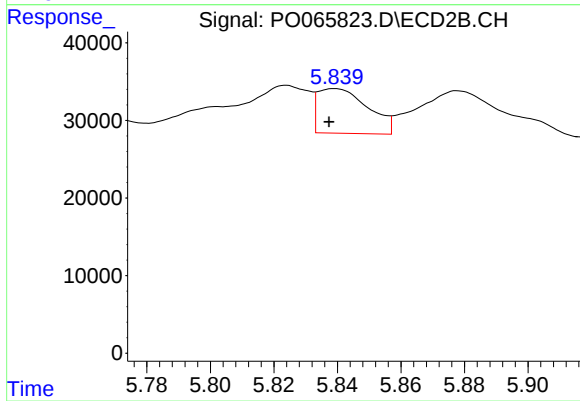
#27 AR-1254-2

R.T.: 5.452 min
Delta R.T.: 0.013 min
Response: 67573
Conc: 51.09 ng/ml



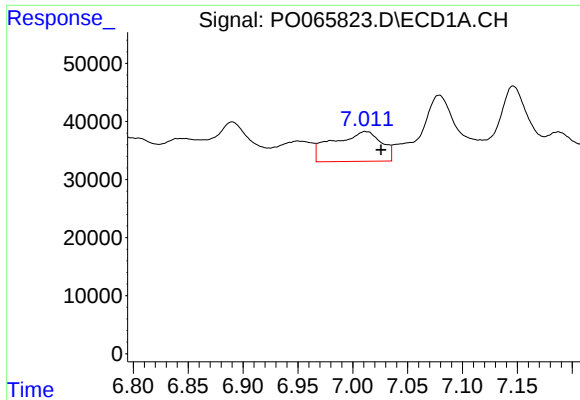
#28 AR-1254-3

R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 191140
Conc: 123.32 ng/ml



#28 AR-1254-3

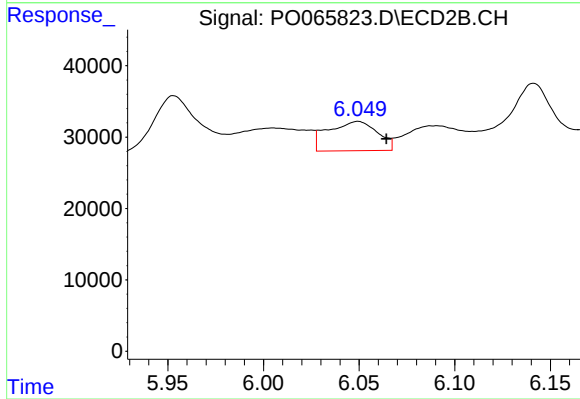
R.T.: 5.839 min
Delta R.T.: 0.002 min
Response: 63101
Conc: 28.00 ng/ml



#29 AR-1254-4

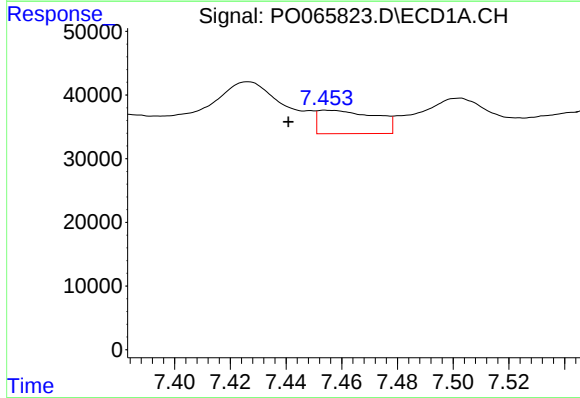
R.T.: 7.011 min
Delta R.T.: -0.014 min
Response: 158471
Conc: 124.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



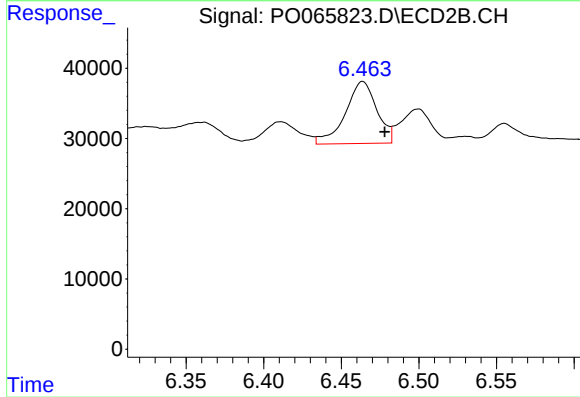
#29 AR-1254-4

R.T.: 6.049 min
Delta R.T.: -0.015 min
Response: 74066
Conc: 49.13 ng/ml



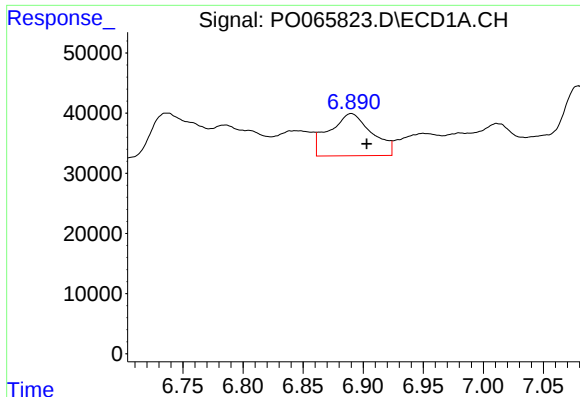
#30 AR-1254-5

R.T.: 7.455 min
Delta R.T.: 0.014 min
Response: 52358
Conc: 37.28 ng/ml



#30 AR-1254-5

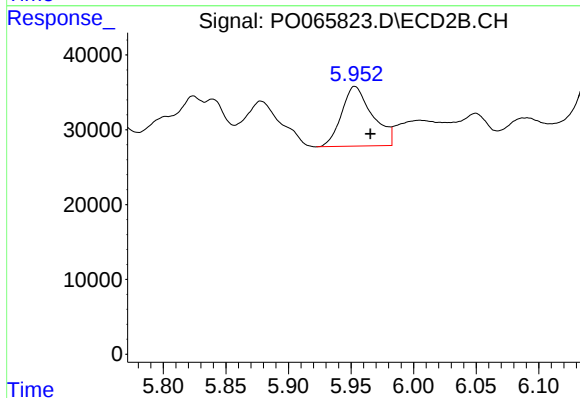
R.T.: 6.464 min
Delta R.T.: -0.014 min
Response: 124877
Conc: 56.10 ng/ml



#31 AR-1260-1

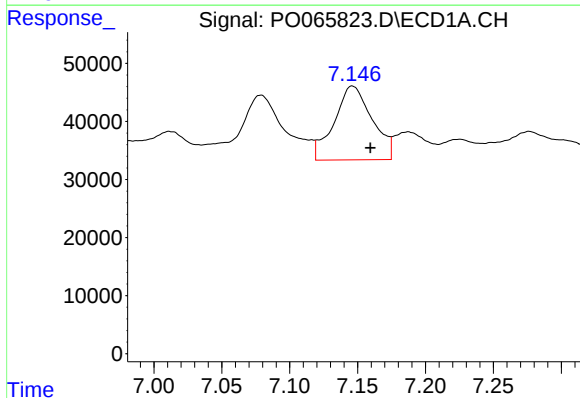
R.T.: 6.890 min
Delta R.T.: -0.013 min
Response: 173201
Conc: 125.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



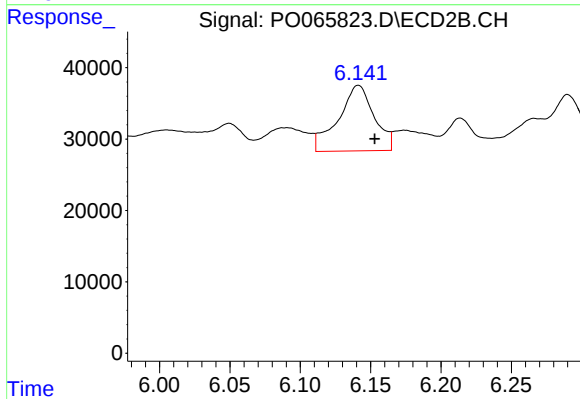
#31 AR-1260-1

R.T.: 5.953 min
Delta R.T.: -0.012 min
Response: 137132
Conc: 72.84 ng/ml



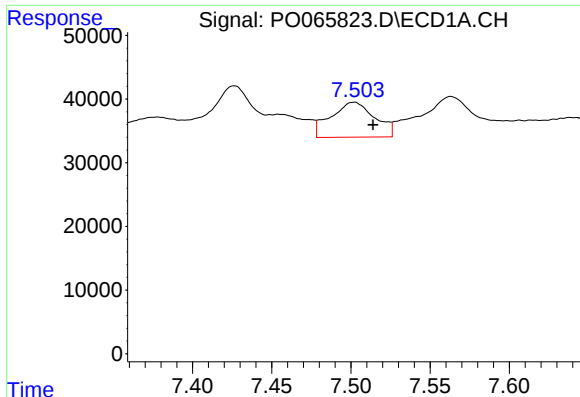
#32 AR-1260-2

R.T.: 7.146 min
Delta R.T.: -0.013 min
Response: 248252
Conc: 141.49 ng/ml



#32 AR-1260-2

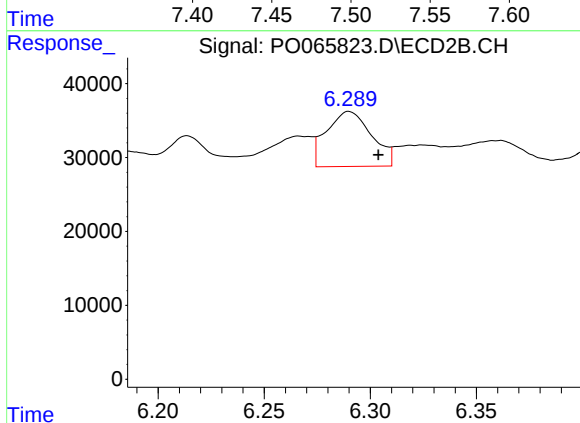
R.T.: 6.141 min
Delta R.T.: -0.012 min
Response: 162934
Conc: 67.06 ng/ml



#33 AR-1260-3

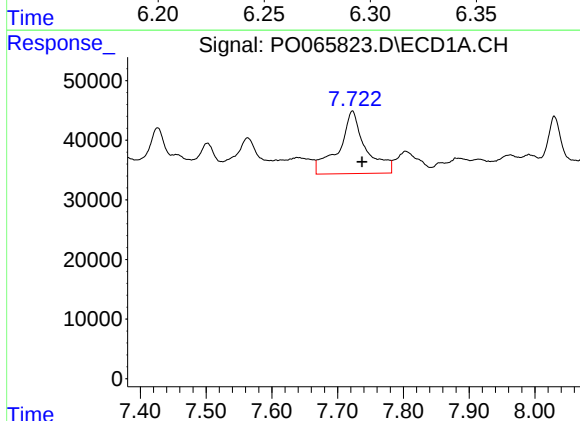
R.T.: 7.502 min
Delta R.T.: -0.012 min
Response: 106303
Conc: 75.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



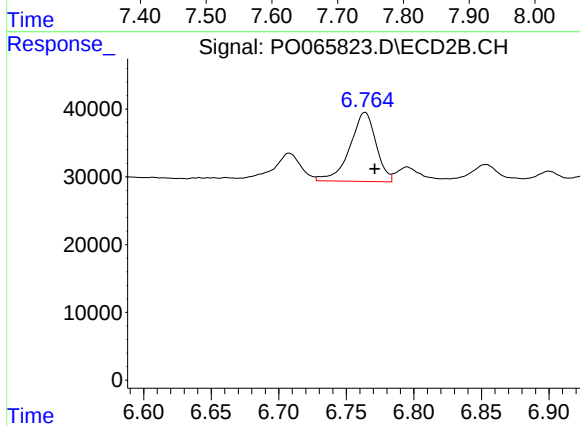
#33 AR-1260-3

R.T.: 6.290 min
Delta R.T.: -0.014 min
Response: 110402
Conc: 51.01 ng/ml



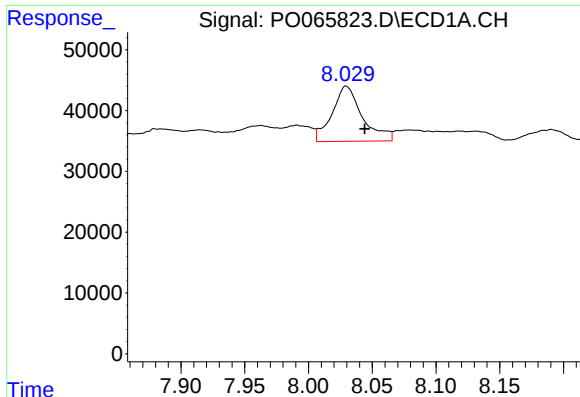
#34 AR-1260-4

R.T.: 7.723 min
Delta R.T.: -0.015 min
Response: 296682
Conc: 169.91 ng/ml



#34 AR-1260-4

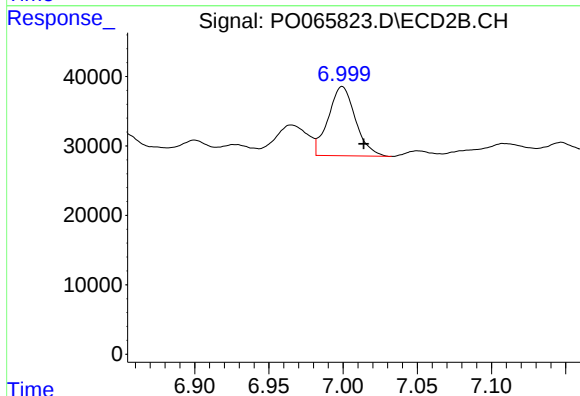
R.T.: 6.764 min
Delta R.T.: -0.007 min
Response: 137489
Conc: 68.53 ng/ml



#35 AR-1260-5

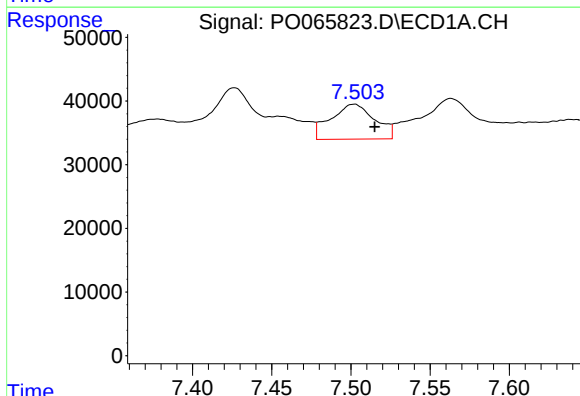
R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 149634
Conc: 44.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



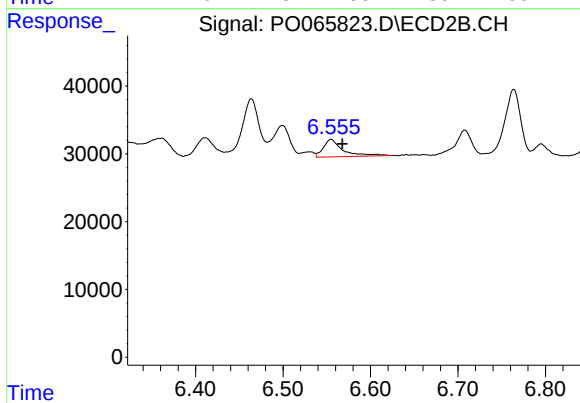
#35 AR-1260-5

R.T.: 6.999 min
Delta R.T.: -0.015 min
Response: 127311
Conc: 25.72 ng/ml



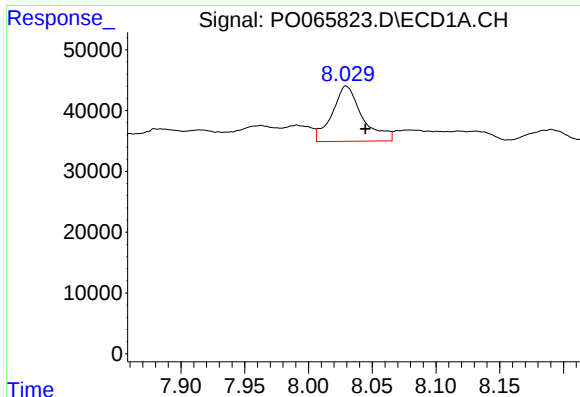
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.013 min
Response: 106303
Conc: 64.26 ng/ml



#36 AR-1262-1

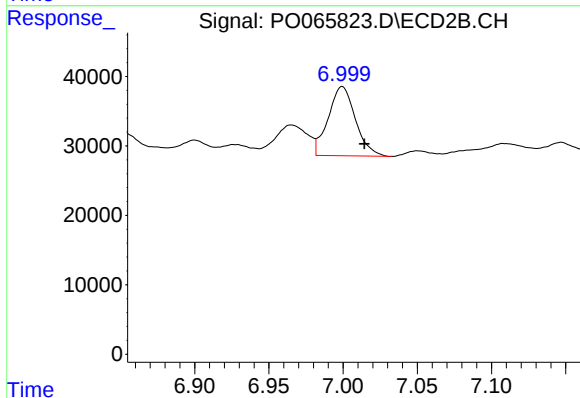
R.T.: 6.555 min
Delta R.T.: -0.013 min
Response: 39892
Conc: 42.31 ng/ml



#37 AR-1262-2

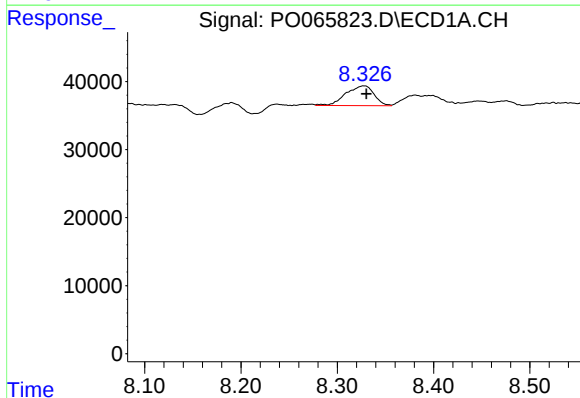
R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 149634
Conc: 46.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



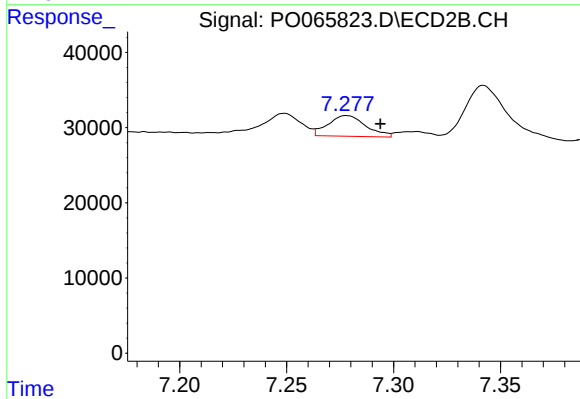
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: -0.015 min
Response: 127311
Conc: 28.33 ng/ml



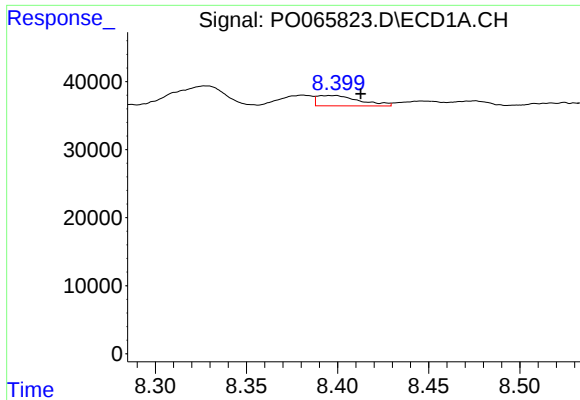
#38 AR-1262-3

R.T.: 8.328 min
Delta R.T.: -0.003 min
Response: 59207
Conc: 26.01 ng/ml



#38 AR-1262-3

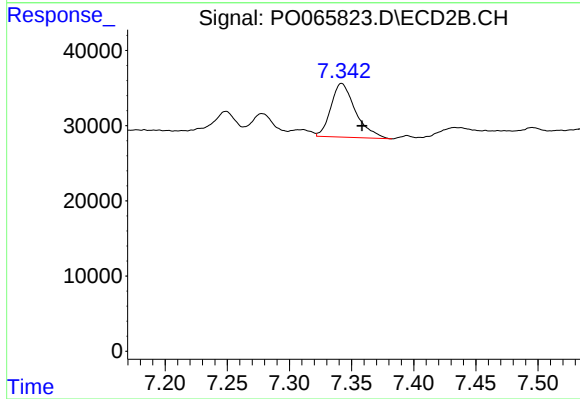
R.T.: 7.278 min
Delta R.T.: -0.016 min
Response: 33832
Conc: 20.10 ng/ml



#39 AR-1262-4

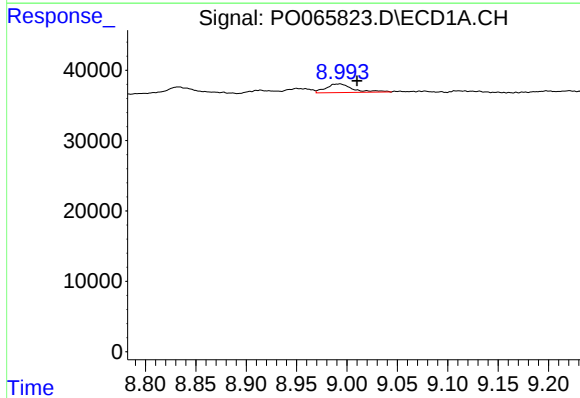
R.T.: 8.398 min
Delta R.T.: -0.015 min
Response: 24592
Conc: 13.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



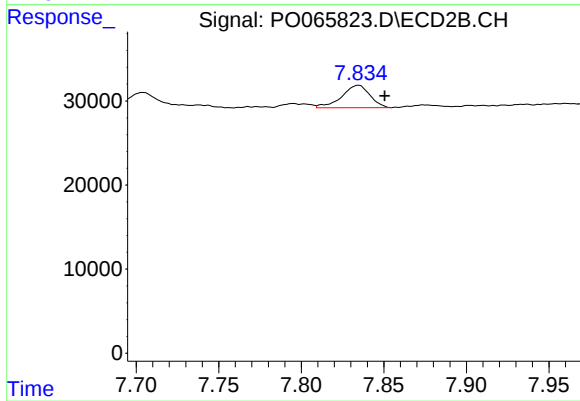
#39 AR-1262-4

R.T.: 7.342 min
Delta R.T.: -0.016 min
Response: 98272
Conc: 28.58 ng/ml



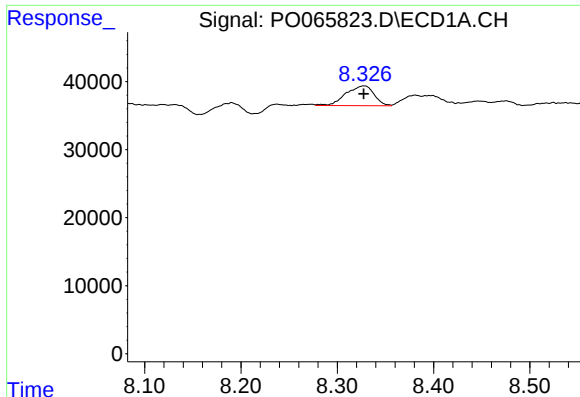
#40 AR-1262-5

R.T.: 8.993 min
Delta R.T.: -0.017 min
Response: 22878
Conc: 17.20 ng/ml



#40 AR-1262-5

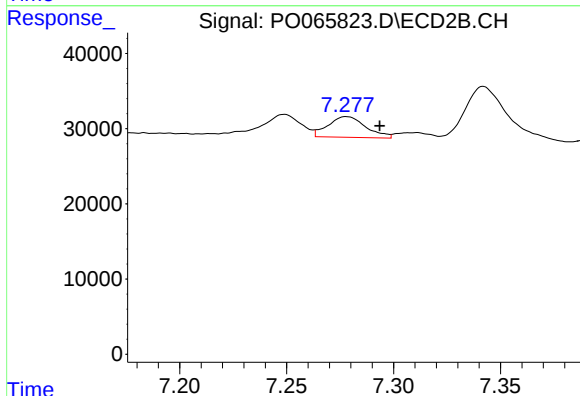
R.T.: 7.835 min
Delta R.T.: -0.016 min
Response: 31656
Conc: 18.56 ng/ml



#41 AR-1268-1

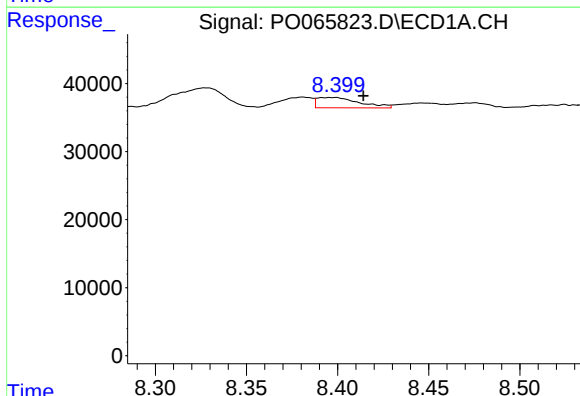
R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 59207
Conc: 14.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



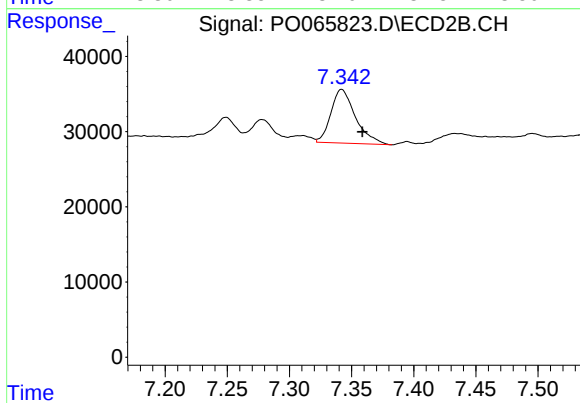
#41 AR-1268-1

R.T.: 7.278 min
Delta R.T.: -0.015 min
Response: 33832
Conc: 6.37 ng/ml



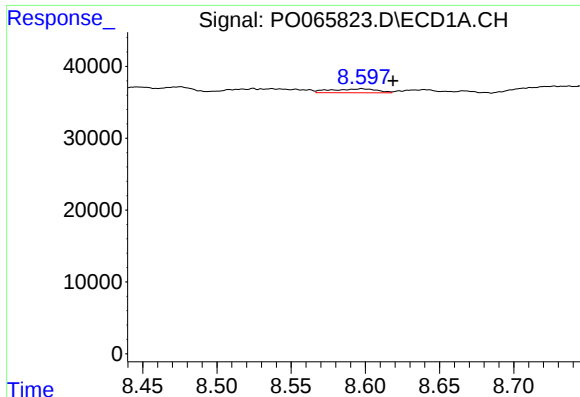
#42 AR-1268-2

R.T.: 8.398 min
Delta R.T.: -0.017 min
Response: 24592
Conc: 6.39 ng/ml



#42 AR-1268-2

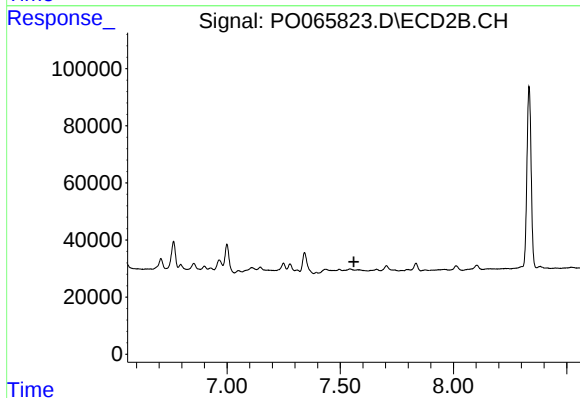
R.T.: 7.342 min
Delta R.T.: -0.017 min
Response: 98272
Conc: 19.35 ng/ml



#43 AR-1268-3

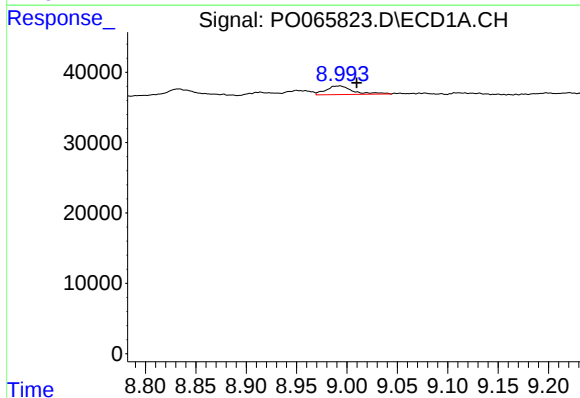
R.T.: 8.598 min
Delta R.T.: -0.021 min
Response: 11570
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



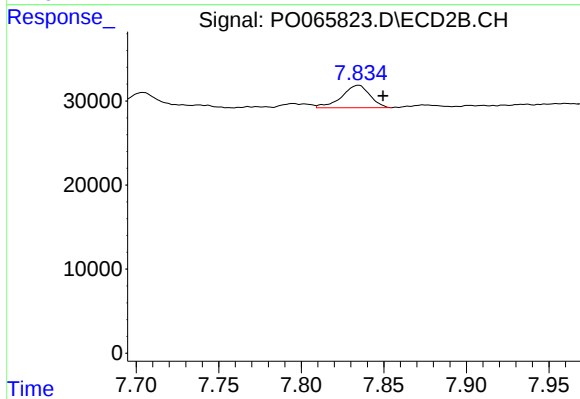
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.560 min
Response: 0
Conc: N.D.



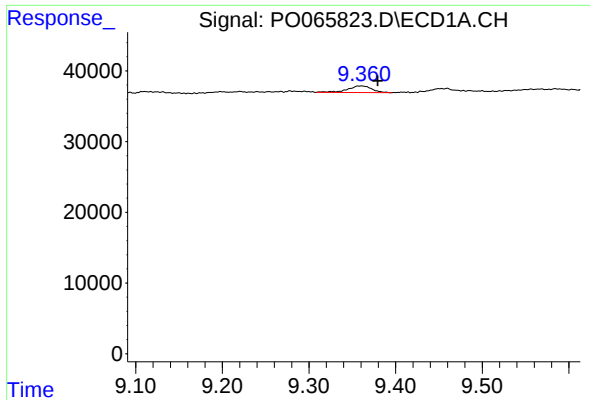
#44 AR-1268-4

R.T.: 8.993 min
Delta R.T.: -0.017 min
Response: 22878
Conc: 14.89 ng/ml



#44 AR-1268-4

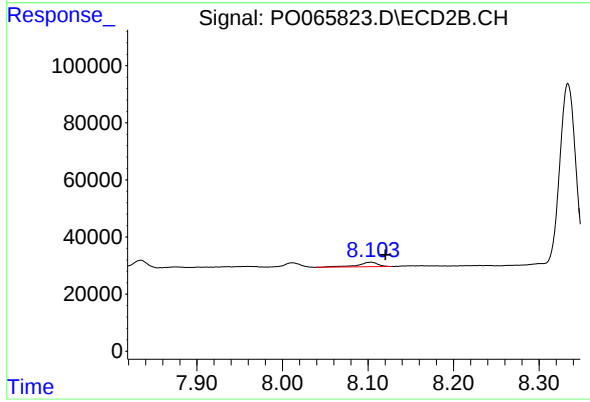
R.T.: 7.835 min
Delta R.T.: -0.015 min
Response: 31656
Conc: 15.99 ng/ml



#45 AR-1268-5

R.T.: 9.361 min
Delta R.T.: -0.019 min
Response: 18321
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.103 min
Delta R.T.: -0.017 min
Response: 25830
Conc: 1.80 ng/ml