

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082219\
 Data File : P0059687.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Aug 2019 23:15
 Operator : SM/AJ
 Sample : K4450-01 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WC-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:25:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.160	3.502	12451	160667	0.356	4.463 #
2)	SA Decachlor...	9.602	8.363	204662	225250	3.847	5.586 #
Target Compounds							
3)	L1 AR-1016-1	5.285	4.577	5678	42017	3.540	31.079 #
4)	L1 AR-1016-2	5.311	4.577	13600	42017	5.685	20.977 #
5)	L1 AR-1016-3	5.364	4.751	12313	15652	8.267	14.467 #
6)	L1 AR-1016-4	5.469	4.791	9543	61422	7.889	68.021 #
7)	L1 AR-1016-5	5.751	4.998	42755	6911	33.295	6.000 #
8)	L2 AR-1221-1	4.361	3.700	1380	23077	3.258	57.494 #
9)	L2 AR-1221-2	4.436	3.765	19083	15518	58.754	50.942
10)	L2 AR-1221-3	4.508	3.864	49510	21099	47.069	21.564 #
11)	L3 AR-1232-1	4.508	3.864	49510	21099	39.721	18.506 #
12)	L3 AR-1232-2	5.017	4.577	23593	42017	33.399	32.991
13)	L3 AR-1232-3	5.311	4.751	13600	15652	8.881	22.987 #
14)	L3 AR-1232-4	5.469	4.837	9543	20431	12.205	33.491 #
15)	L3 AR-1232-5	5.556	4.998	70274	6911	116.903	10.153 #
16)	L4 AR-1242-1	5.311	4.577	13600	42017	10.713	40.846 #
17)	L4 AR-1242-2	5.311	4.577	13600	42017	7.329	27.587 #
18)	L4 AR-1242-3	5.396	4.751	2415	15652	2.066	18.733 #
19)	L4 AR-1242-4	5.469	4.837	9543	20431	9.860	24.486 #
20)	L4 AR-1242-5	6.202	5.343	251292	303252	199.978	271.099 #
21)	L5 AR-1248-1	5.285	4.577	5678	42017	5.664	50.743 #
22)	L5 AR-1248-2	5.556	4.791	70274	61422	48.434	53.266
23)	L5 AR-1248-3	5.751	4.815	42755	32737	25.724	27.562
24)	L5 AR-1248-4	6.138	4.998	479078	6911	234.371	4.756 #
25)	L5 AR-1248-5	6.202	5.382	251292	59785	126.718	41.770 #
26)	L6 AR-1254-1	6.094	5.343	78610	303252	37.677	127.857 #
27)	L6 AR-1254-2	6.342	5.486	594871	197405	178.305	94.078 #
28)	L6 AR-1254-3	6.704	5.883	482086	453715	135.858	134.933
29)	L6 AR-1254-4	6.989	6.106	722399	362947	245.252	176.032 #
30)	L6 AR-1254-5	7.399	6.511	1130969	644944	365.726	207.713 #
31)	L7 AR-1260-1	6.861	6.004	712649	449824	264.354	197.386 #
32)	L7 AR-1260-2	7.119	6.192	1487435	507254	400.874	173.132 #
33)	L7 AR-1260-3	7.468	6.338	697320	447781	212.836	169.029
34)	L7 AR-1260-4	7.693	6.799	685765	175089	223.280	77.385 #
35)	L7 AR-1260-5	8.000	7.042	1202209	625320	169.782	113.626 #
36)	L8 AR-1262-1	7.468	6.545	697320	325732	143.691	87.385 #
37)	L8 AR-1262-2	8.044	7.042	187875	625320	24.349	106.364 #
38)	L8 AR-1262-3	8.301	7.314	598094	162867	117.220	64.096 #
39)	L8 AR-1262-4	8.350	7.381	729605	500007	189.275	113.151 #
40)	L8 AR-1262-5	9.000	7.872	73318	82711	28.567	45.809 #
41)	L9 AR-1268-1	8.301	7.314	598094	162867	63.555	22.872 #

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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

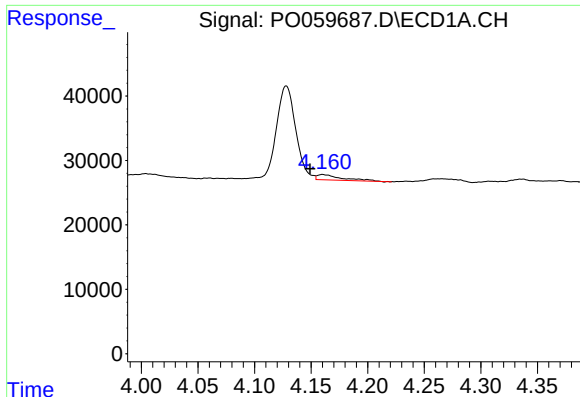
Instrument :
 ECD_O
 ClientSampleId :
 WC-A

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	8.350	7.381	729605	500007	92.558	77.544
43) L9	AR-1268-3	8.566	7.582	496492	22857	70.436	4.177 #
44) L9	AR-1268-4	9.000	7.872	73318	82711	26.373	40.519 #
45) L9	AR-1268-5	9.348	8.137	11437	26369	0.620	1.815 #

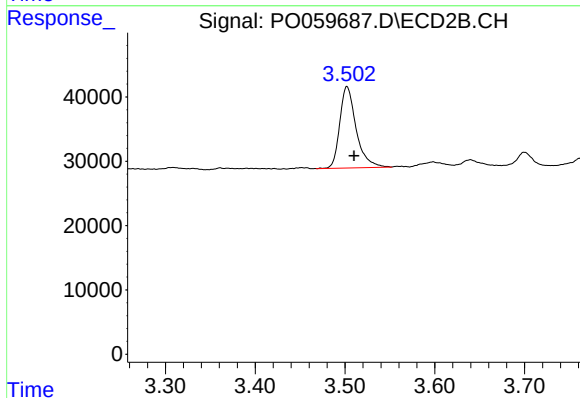
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

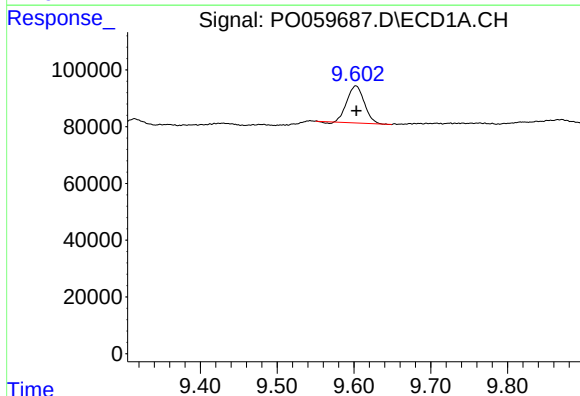
R.T.: 4.160 min
Delta R.T.: 0.011 min
Response: 12451
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



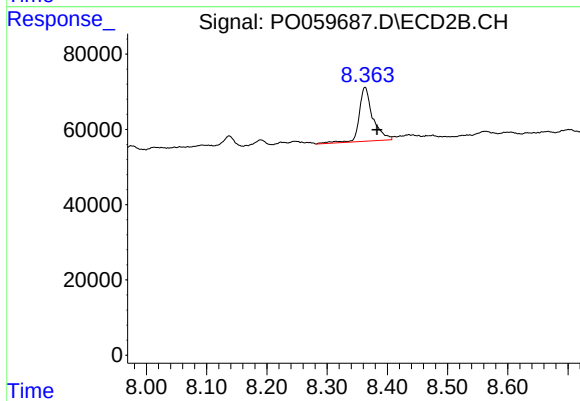
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: -0.008 min
Response: 160667
Conc: 4.46 ng/ml



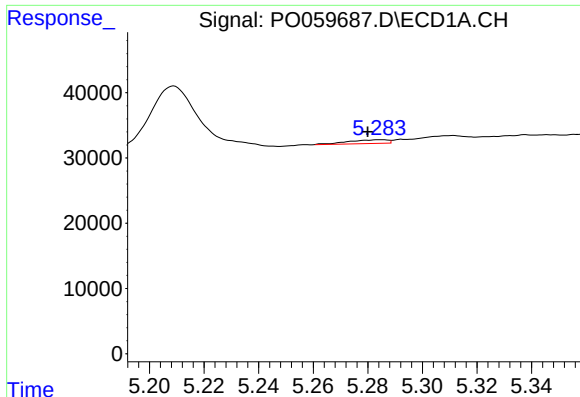
#2 Decachlorobiphenyl

R.T.: 9.602 min
Delta R.T.: 0.000 min
Response: 204662
Conc: 3.85 ng/ml



#2 Decachlorobiphenyl

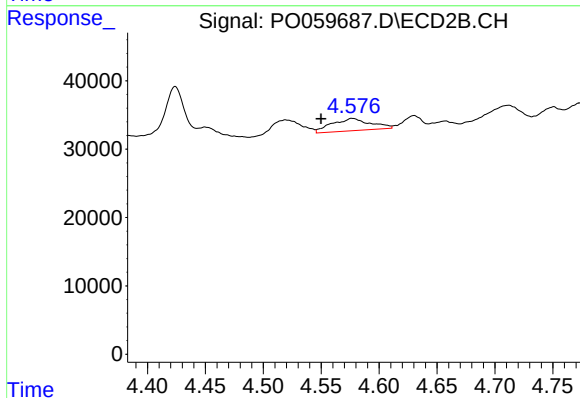
R.T.: 8.363 min
Delta R.T.: -0.020 min
Response: 225250
Conc: 5.59 ng/ml



#3 AR-1016-1

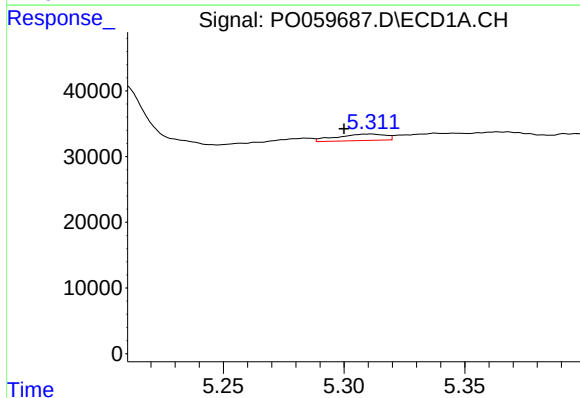
R.T.: 5.285 min
Delta R.T.: 0.005 min
Response: 5678
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



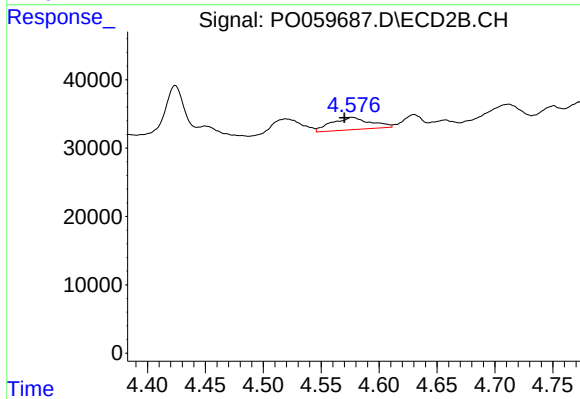
#3 AR-1016-1

R.T.: 4.577 min
Delta R.T.: 0.027 min
Response: 42017
Conc: 31.08 ng/ml



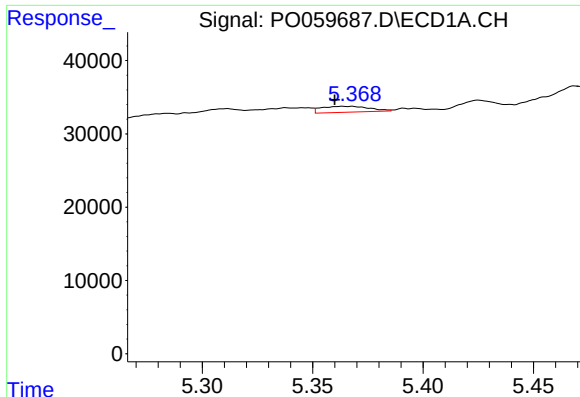
#4 AR-1016-2

R.T.: 5.311 min
Delta R.T.: 0.011 min
Response: 13600
Conc: 5.68 ng/ml



#4 AR-1016-2

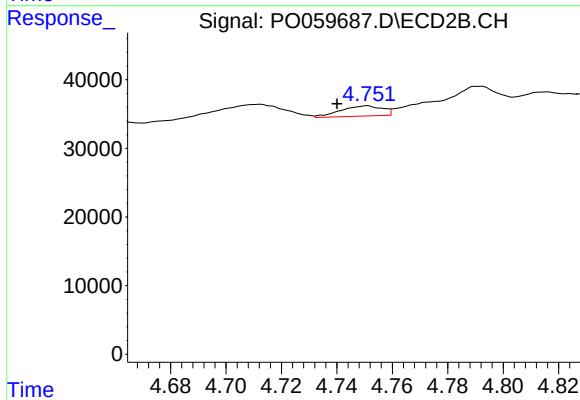
R.T.: 4.577 min
Delta R.T.: 0.007 min
Response: 42017
Conc: 20.98 ng/ml



#5 AR-1016-3

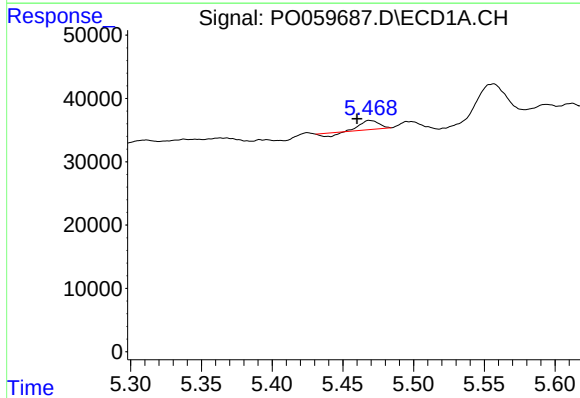
R.T.: 5.364 min
Delta R.T.: 0.004 min
Response: 12313
Conc: 8.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



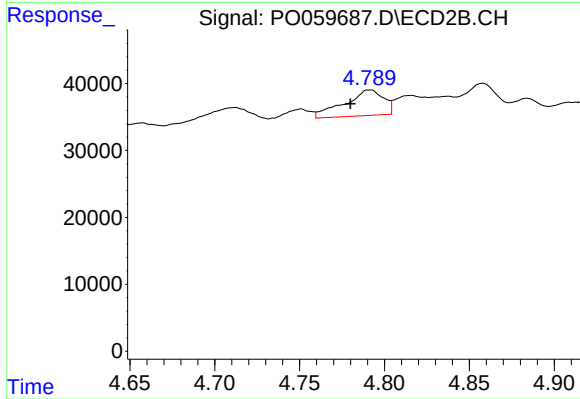
#5 AR-1016-3

R.T.: 4.751 min
Delta R.T.: 0.011 min
Response: 15652
Conc: 14.47 ng/ml



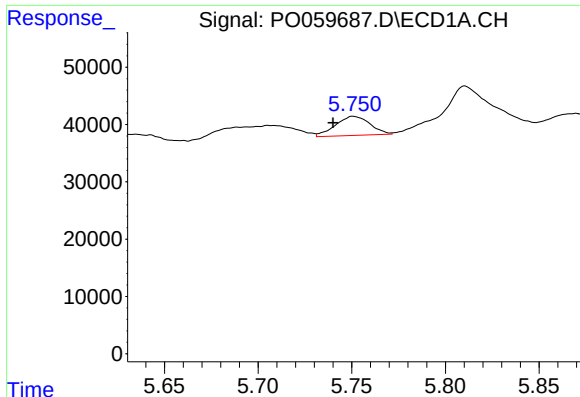
#6 AR-1016-4

R.T.: 5.469 min
Delta R.T.: 0.009 min
Response: 9543
Conc: 7.89 ng/ml



#6 AR-1016-4

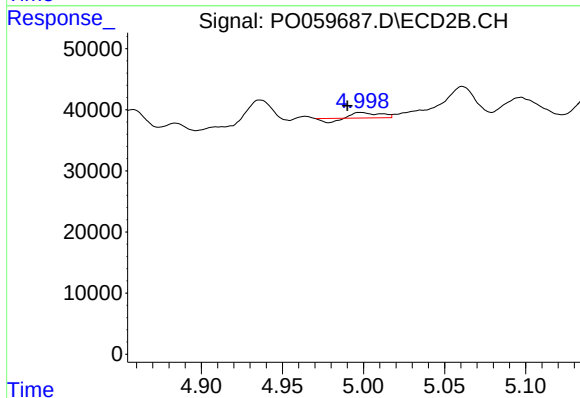
R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 61422
Conc: 68.02 ng/ml



#7 AR-1016-5

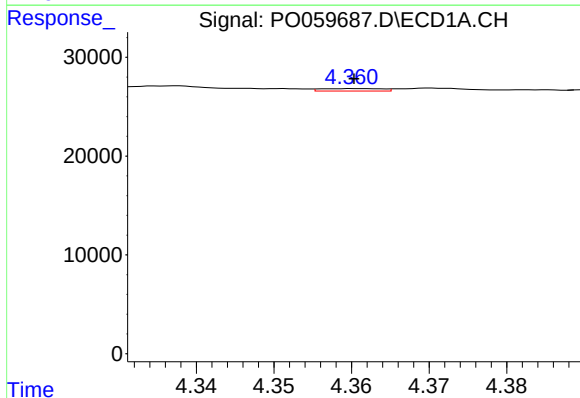
R.T.: 5.751 min
Delta R.T.: 0.011 min
Response: 42755
Conc: 33.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



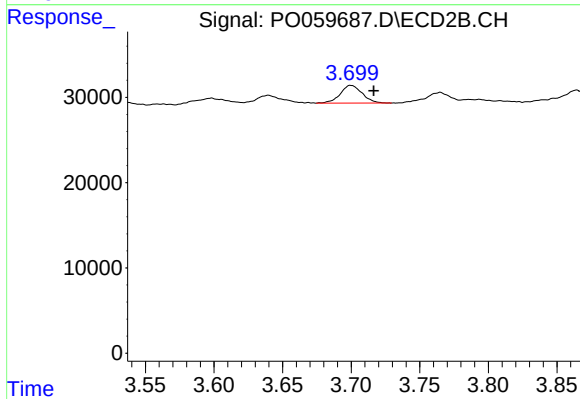
#7 AR-1016-5

R.T.: 4.998 min
Delta R.T.: 0.008 min
Response: 6911
Conc: 6.00 ng/ml



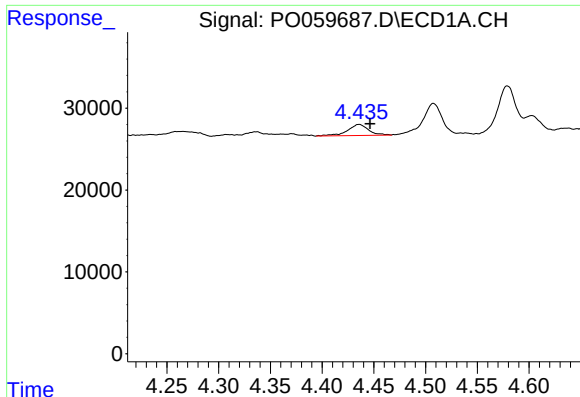
#8 AR-1221-1

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 1380
Conc: 3.26 ng/ml



#8 AR-1221-1

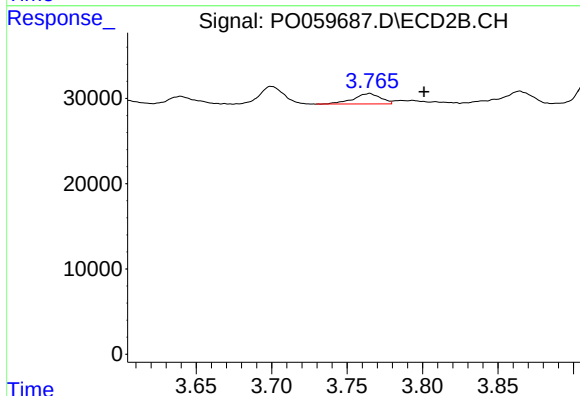
R.T.: 3.700 min
Delta R.T.: -0.017 min
Response: 23077
Conc: 57.49 ng/ml



#9 AR-1221-2

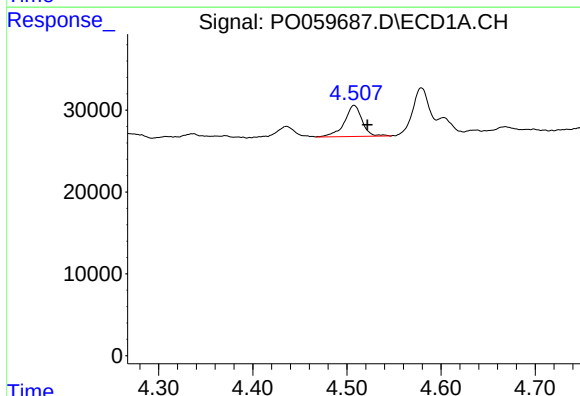
R.T.: 4.436 min
Delta R.T.: -0.011 min
Response: 19083
Conc: 58.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



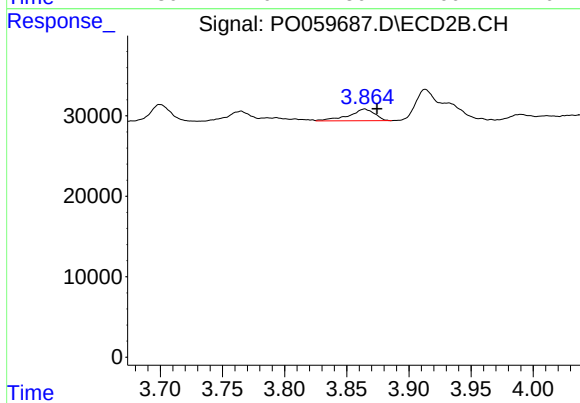
#9 AR-1221-2

R.T.: 3.765 min
Delta R.T.: -0.036 min
Response: 15518
Conc: 50.94 ng/ml



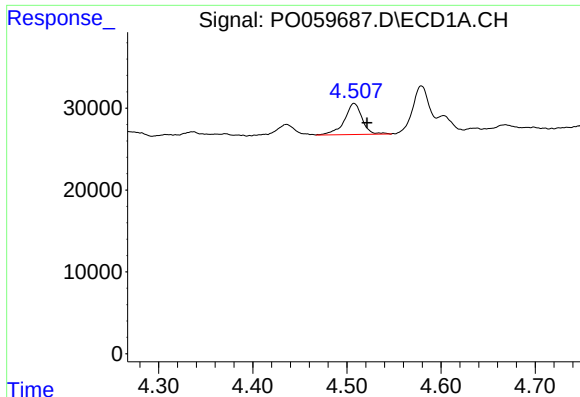
#10 AR-1221-3

R.T.: 4.508 min
Delta R.T.: -0.014 min
Response: 49510
Conc: 47.07 ng/ml



#10 AR-1221-3

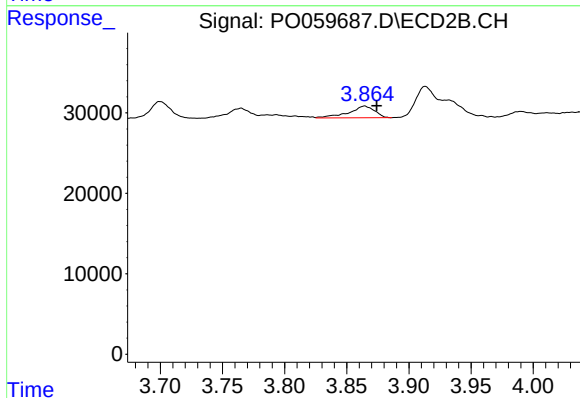
R.T.: 3.864 min
Delta R.T.: -0.010 min
Response: 21099
Conc: 21.56 ng/ml



#11 AR-1232-1

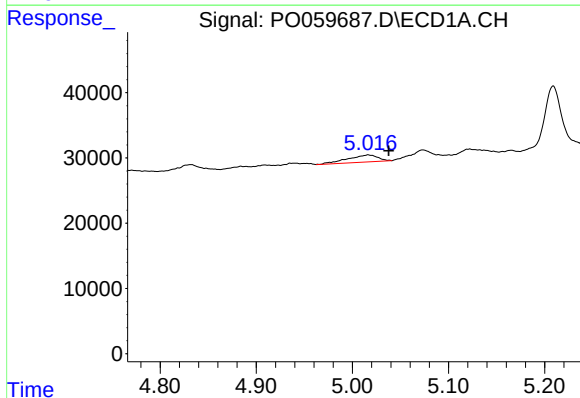
R.T.: 4.508 min
Delta R.T.: -0.014 min
Response: 49510
Conc: 39.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



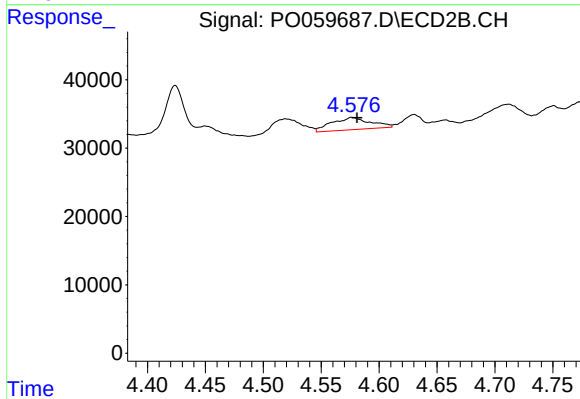
#11 AR-1232-1

R.T.: 3.864 min
Delta R.T.: -0.010 min
Response: 21099
Conc: 18.51 ng/ml



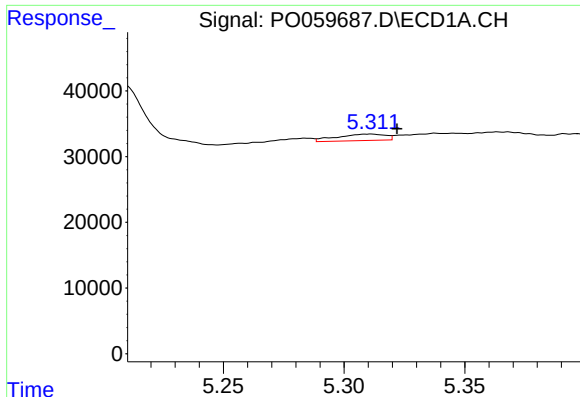
#12 AR-1232-2

R.T.: 5.017 min
Delta R.T.: -0.021 min
Response: 23593
Conc: 33.40 ng/ml



#12 AR-1232-2

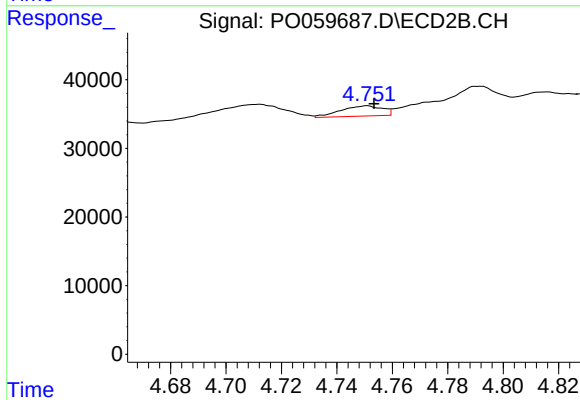
R.T.: 4.577 min
Delta R.T.: -0.004 min
Response: 42017
Conc: 32.99 ng/ml



#13 AR-1232-3

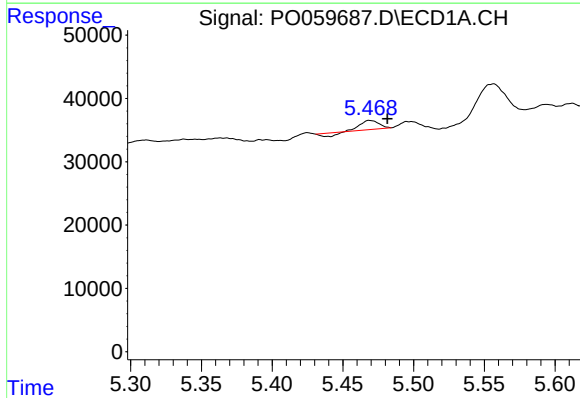
R.T.: 5.311 min
Delta R.T.: -0.011 min
Response: 13600
Conc: 8.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



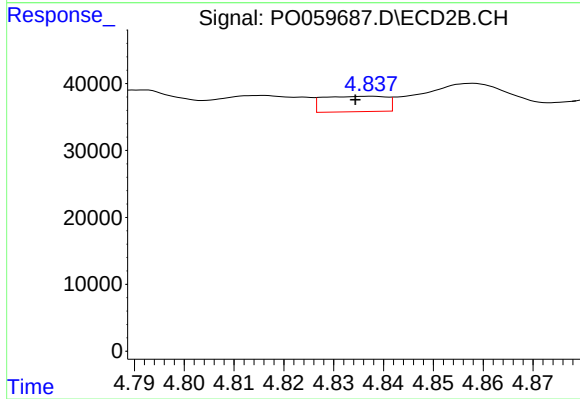
#13 AR-1232-3

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 15652
Conc: 22.99 ng/ml



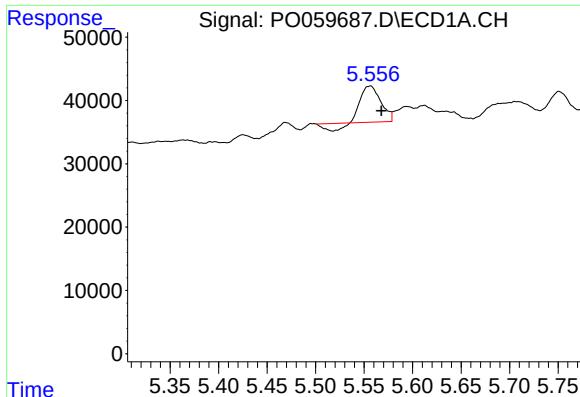
#14 AR-1232-4

R.T.: 5.469 min
Delta R.T.: -0.012 min
Response: 9543
Conc: 12.21 ng/ml



#14 AR-1232-4

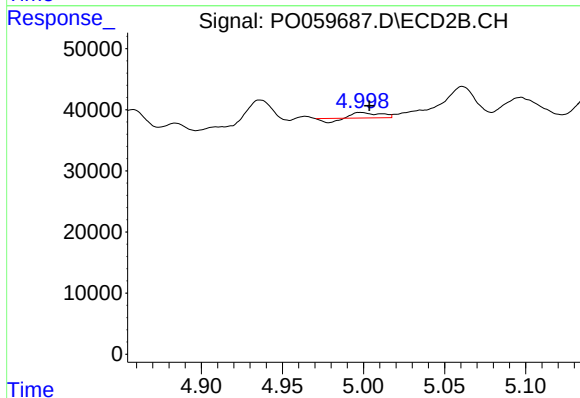
R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 20431
Conc: 33.49 ng/ml



#15 AR-1232-5

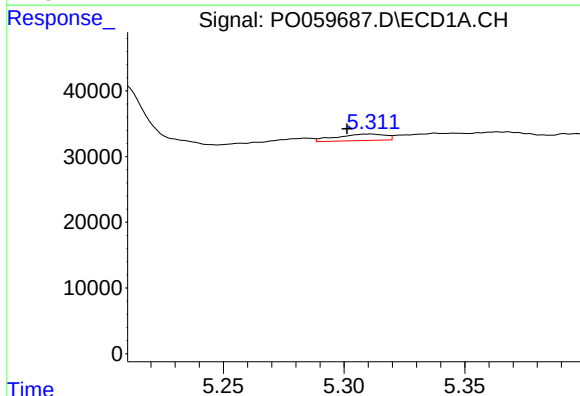
R.T.: 5.556 min
Delta R.T.: -0.012 min
Response: 70274
Conc: 116.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



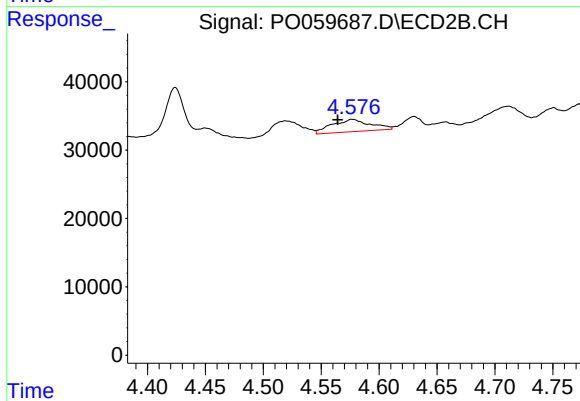
#15 AR-1232-5

R.T.: 4.998 min
Delta R.T.: -0.006 min
Response: 6911
Conc: 10.15 ng/ml



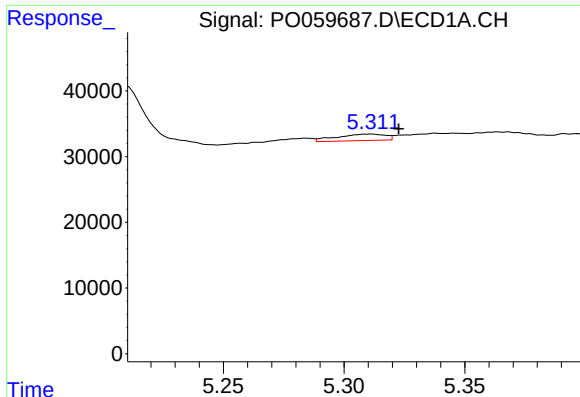
#16 AR-1242-1

R.T.: 5.311 min
Delta R.T.: 0.010 min
Response: 13600
Conc: 10.71 ng/ml



#16 AR-1242-1

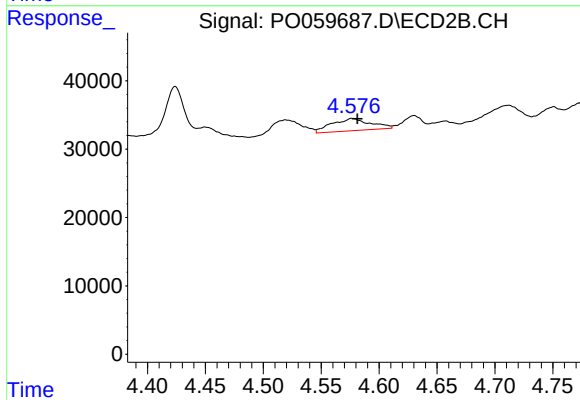
R.T.: 4.577 min
Delta R.T.: 0.013 min
Response: 42017
Conc: 40.85 ng/ml



#17 AR-1242-2

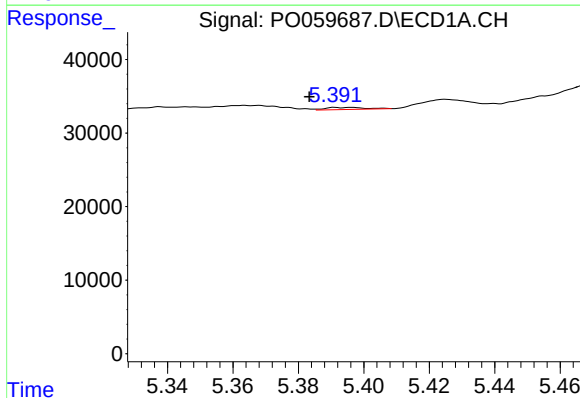
R.T.: 5.311 min
Delta R.T.: -0.012 min
Response: 13600
Conc: 7.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



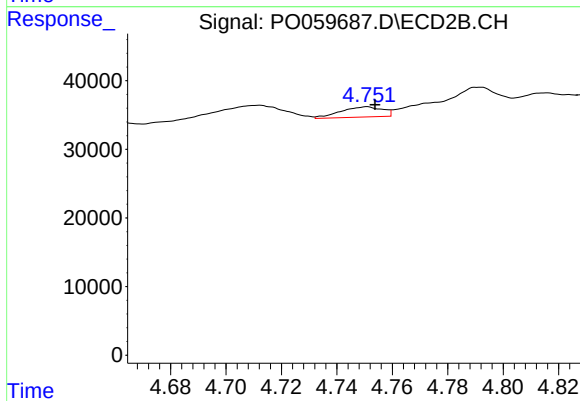
#17 AR-1242-2

R.T.: 4.577 min
Delta R.T.: -0.004 min
Response: 42017
Conc: 27.59 ng/ml



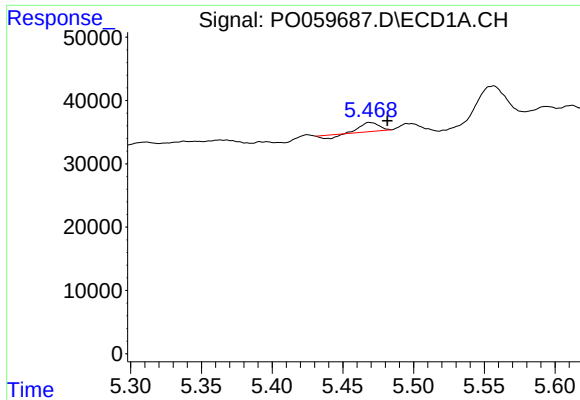
#18 AR-1242-3

R.T.: 5.396 min
Delta R.T.: 0.013 min
Response: 2415
Conc: 2.07 ng/ml



#18 AR-1242-3

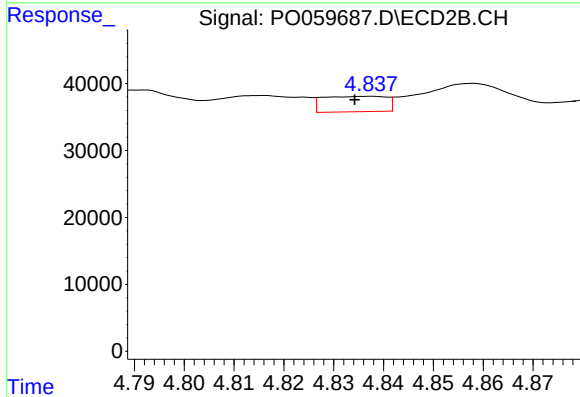
R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 15652
Conc: 18.73 ng/ml



#19 AR-1242-4

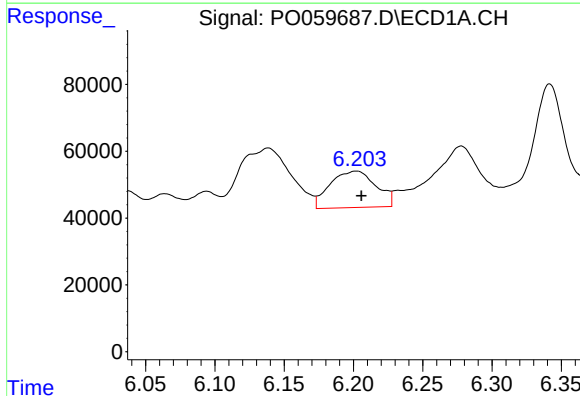
R.T.: 5.469 min
Delta R.T.: -0.012 min
Response: 9543
Conc: 9.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



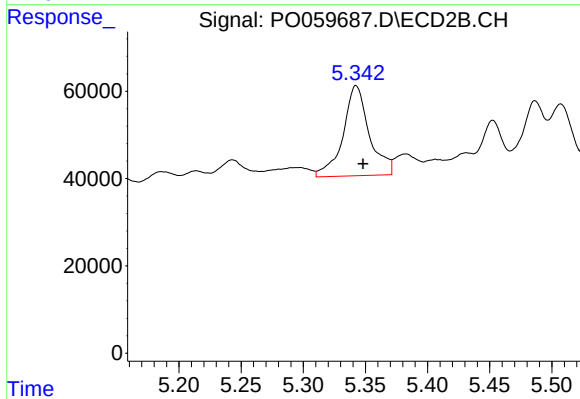
#19 AR-1242-4

R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 20431
Conc: 24.49 ng/ml



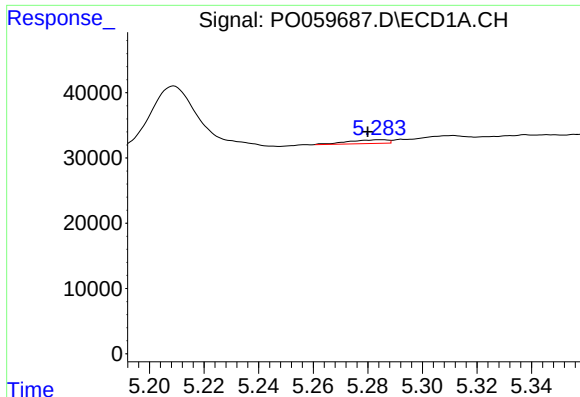
#20 AR-1242-5

R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 251292
Conc: 199.98 ng/ml



#20 AR-1242-5

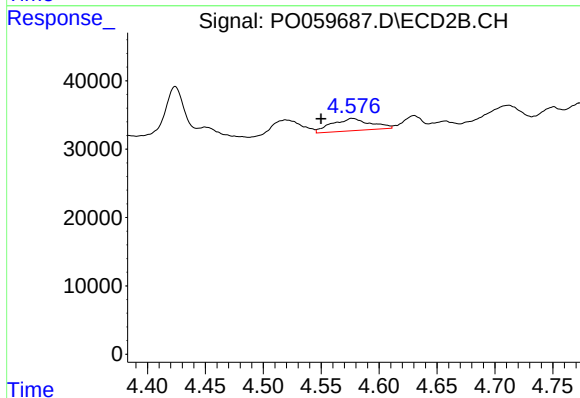
R.T.: 5.343 min
Delta R.T.: -0.005 min
Response: 303252
Conc: 271.10 ng/ml



#21 AR-1248-1

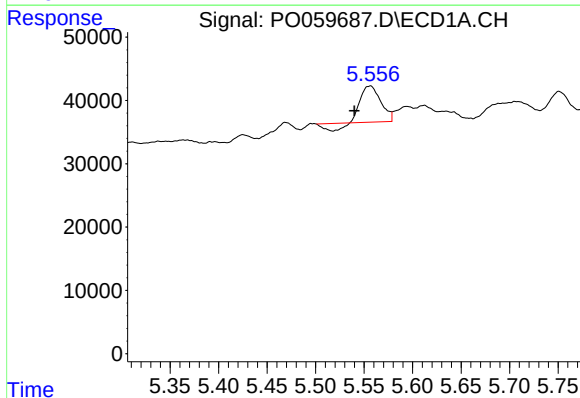
R.T.: 5.285 min
Delta R.T.: 0.005 min
Response: 5678
Conc: 5.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



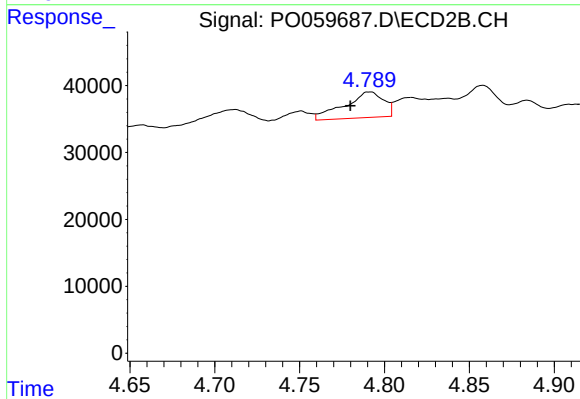
#21 AR-1248-1

R.T.: 4.577 min
Delta R.T.: 0.027 min
Response: 42017
Conc: 50.74 ng/ml



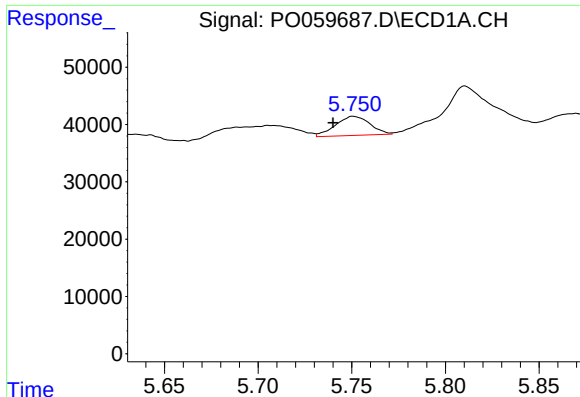
#22 AR-1248-2

R.T.: 5.556 min
Delta R.T.: 0.016 min
Response: 70274
Conc: 48.43 ng/ml



#22 AR-1248-2

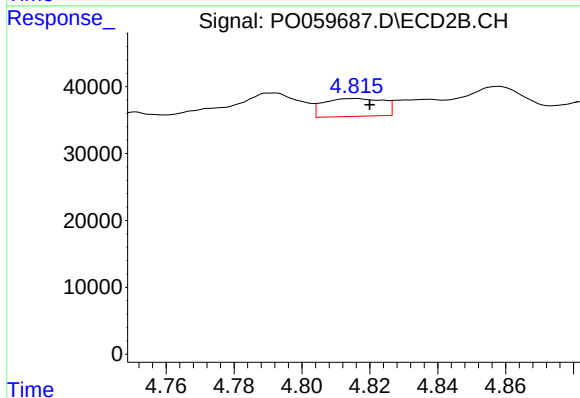
R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 61422
Conc: 53.27 ng/ml



#23 AR-1248-3

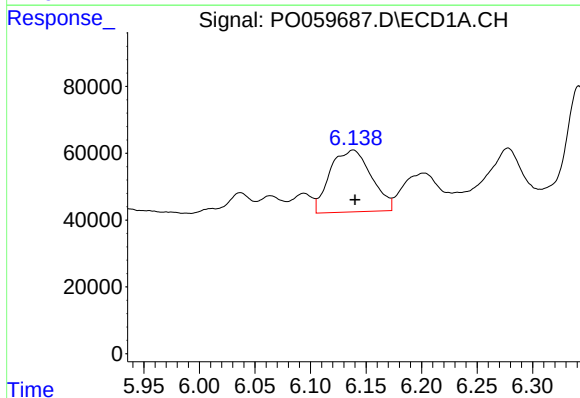
R.T.: 5.751 min
Delta R.T.: 0.011 min
Response: 42755
Conc: 25.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



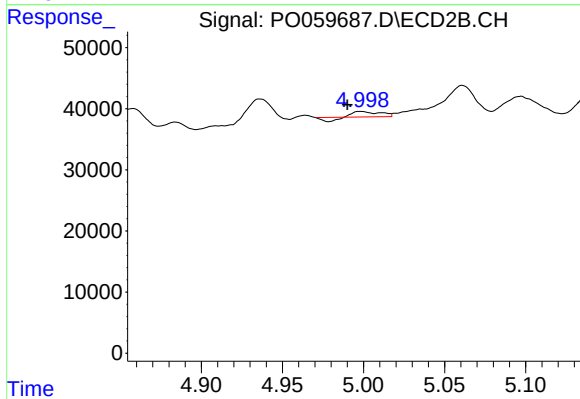
#23 AR-1248-3

R.T.: 4.815 min
Delta R.T.: -0.005 min
Response: 32737
Conc: 27.56 ng/ml



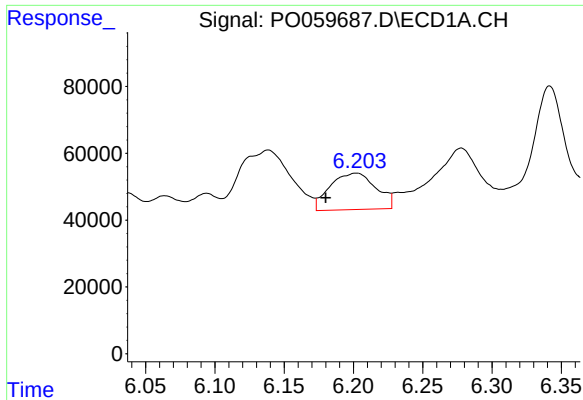
#24 AR-1248-4

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 479078
Conc: 234.37 ng/ml



#24 AR-1248-4

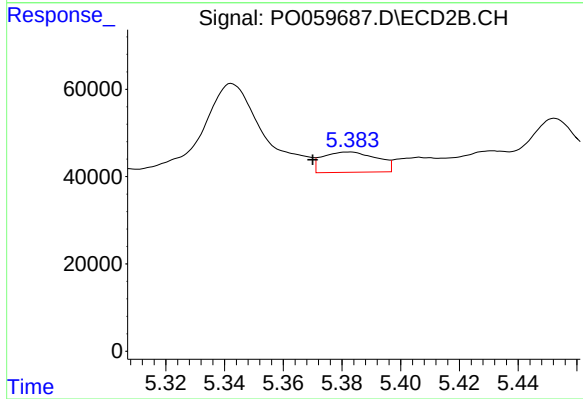
R.T.: 4.998 min
Delta R.T.: 0.008 min
Response: 6911
Conc: 4.76 ng/ml



#25 AR-1248-5

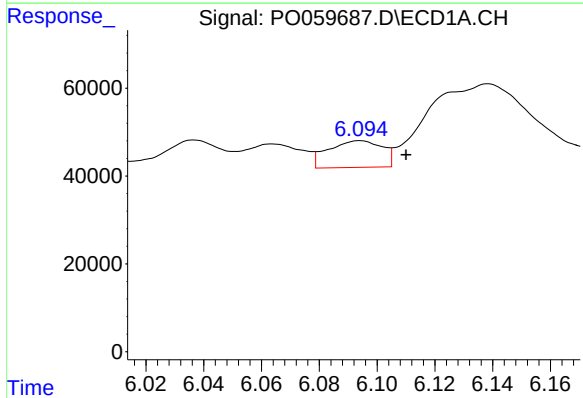
R.T.: 6.202 min
Delta R.T.: 0.022 min
Response: 251292
Conc: 126.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



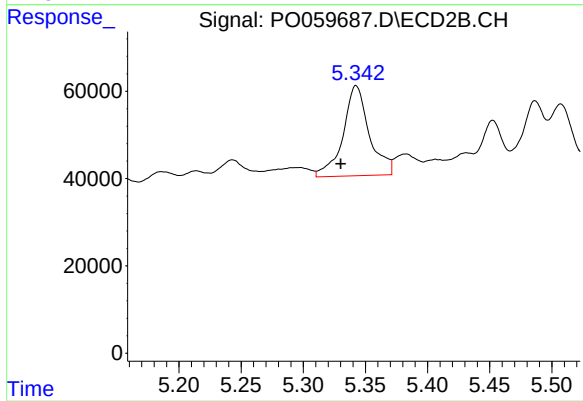
#25 AR-1248-5

R.T.: 5.382 min
Delta R.T.: 0.012 min
Response: 59785
Conc: 41.77 ng/ml



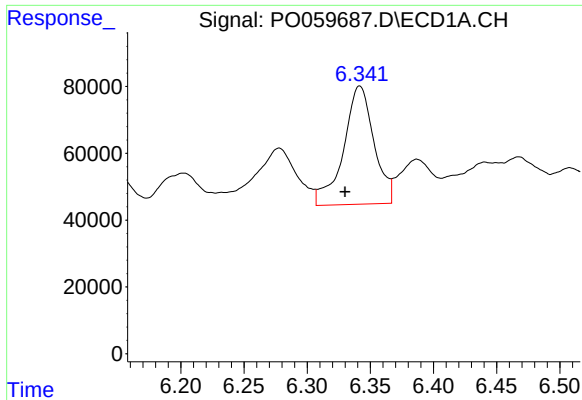
#26 AR-1254-1

R.T.: 6.094 min
Delta R.T.: -0.016 min
Response: 78610
Conc: 37.68 ng/ml



#26 AR-1254-1

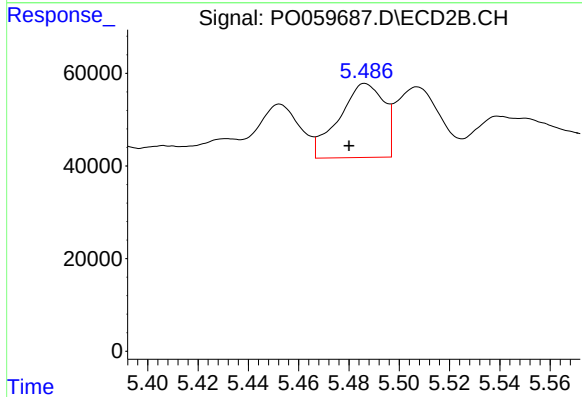
R.T.: 5.343 min
Delta R.T.: 0.013 min
Response: 303252
Conc: 127.86 ng/ml



#27 AR-1254-2

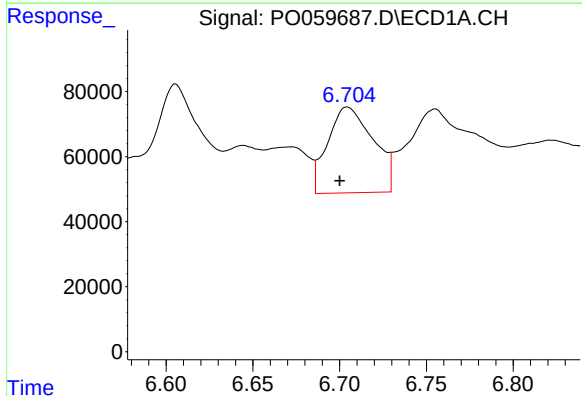
R.T.: 6.342 min
Delta R.T.: 0.012 min
Response: 594871
Conc: 178.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



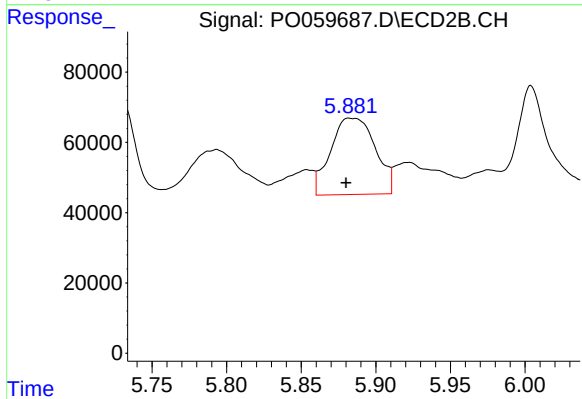
#27 AR-1254-2

R.T.: 5.486 min
Delta R.T.: 0.006 min
Response: 197405
Conc: 94.08 ng/ml



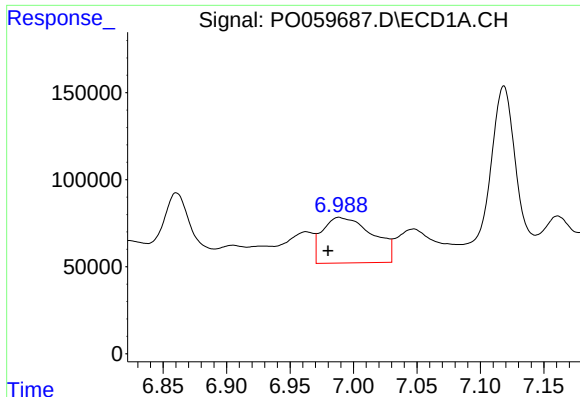
#28 AR-1254-3

R.T.: 6.704 min
Delta R.T.: 0.004 min
Response: 482086
Conc: 135.86 ng/ml



#28 AR-1254-3

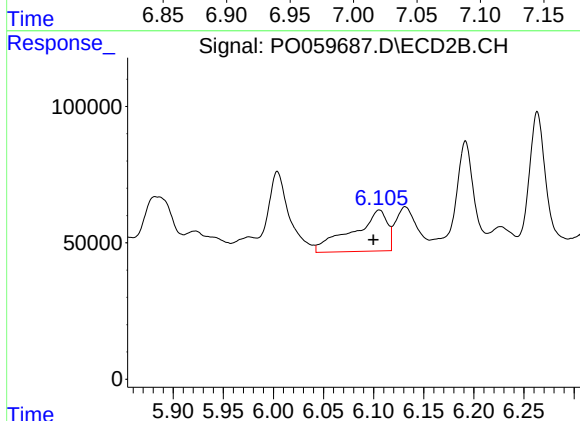
R.T.: 5.883 min
Delta R.T.: 0.003 min
Response: 453715
Conc: 134.93 ng/ml



#29 AR-1254-4

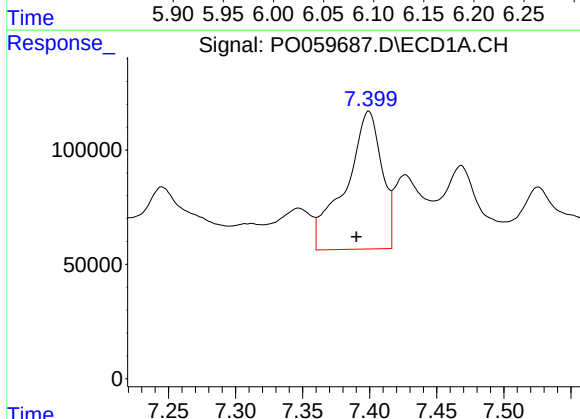
R.T.: 6.989 min
Delta R.T.: 0.009 min
Response: 722399
Conc: 245.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



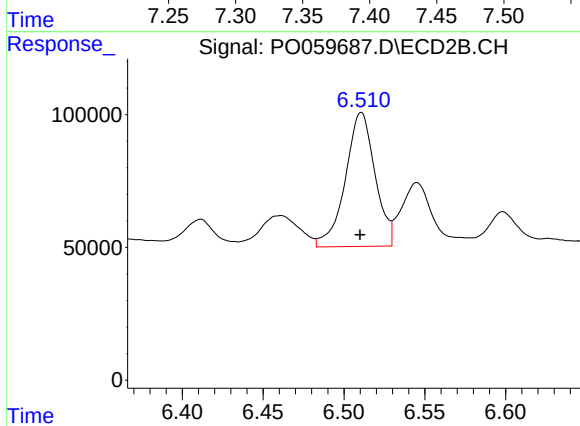
#29 AR-1254-4

R.T.: 6.106 min
Delta R.T.: 0.006 min
Response: 362947
Conc: 176.03 ng/ml



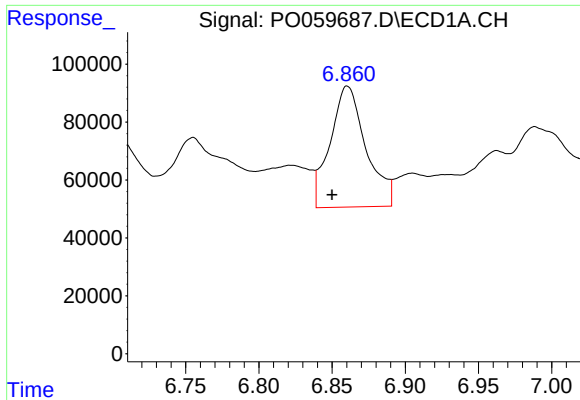
#30 AR-1254-5

R.T.: 7.399 min
Delta R.T.: 0.009 min
Response: 1130969
Conc: 365.73 ng/ml



#30 AR-1254-5

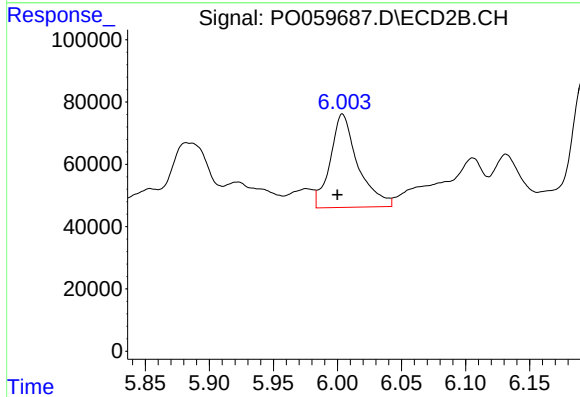
R.T.: 6.511 min
Delta R.T.: 0.000 min
Response: 644944
Conc: 207.71 ng/ml



#31 AR-1260-1

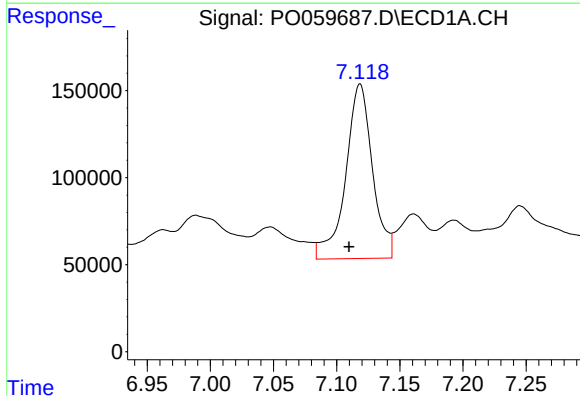
R.T.: 6.861 min
Delta R.T.: 0.011 min
Response: 712649
Conc: 264.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



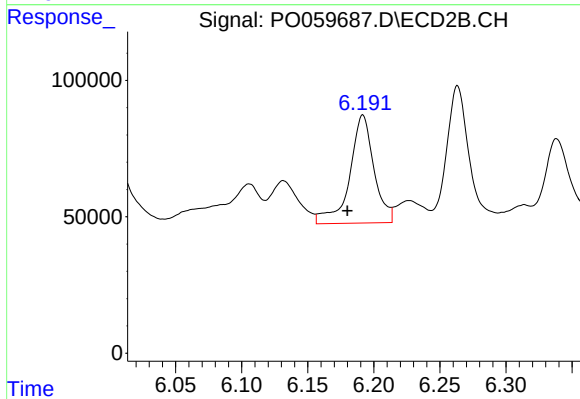
#31 AR-1260-1

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 449824
Conc: 197.39 ng/ml



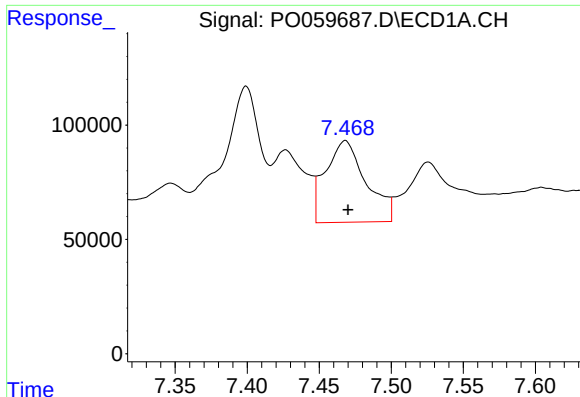
#32 AR-1260-2

R.T.: 7.119 min
Delta R.T.: 0.008 min
Response: 1487435
Conc: 400.87 ng/ml



#32 AR-1260-2

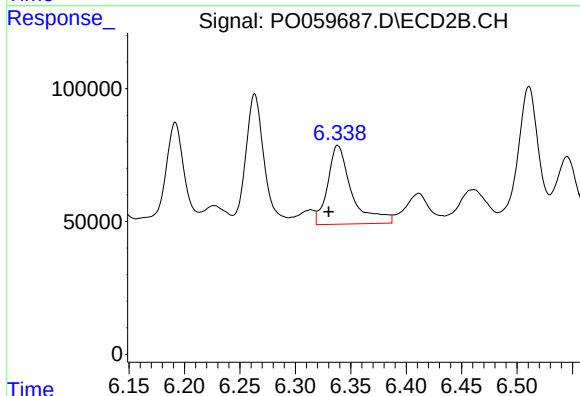
R.T.: 6.192 min
Delta R.T.: 0.012 min
Response: 507254
Conc: 173.13 ng/ml



#33 AR-1260-3

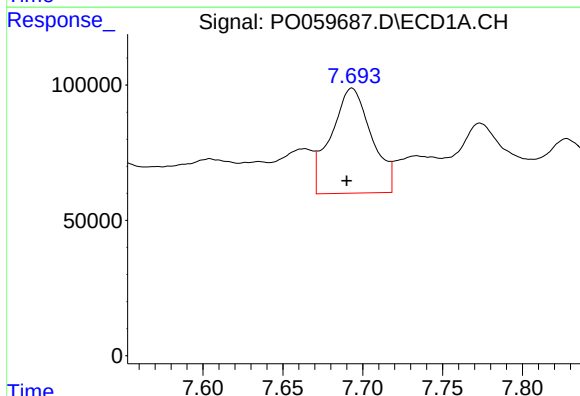
R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 697320
Conc: 212.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



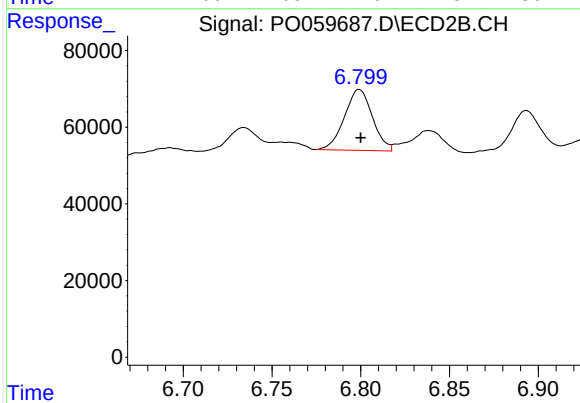
#33 AR-1260-3

R.T.: 6.338 min
Delta R.T.: 0.008 min
Response: 447781
Conc: 169.03 ng/ml



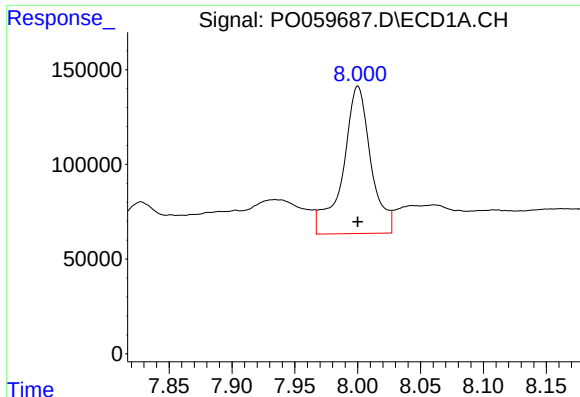
#34 AR-1260-4

R.T.: 7.693 min
Delta R.T.: 0.003 min
Response: 685765
Conc: 223.28 ng/ml



#34 AR-1260-4

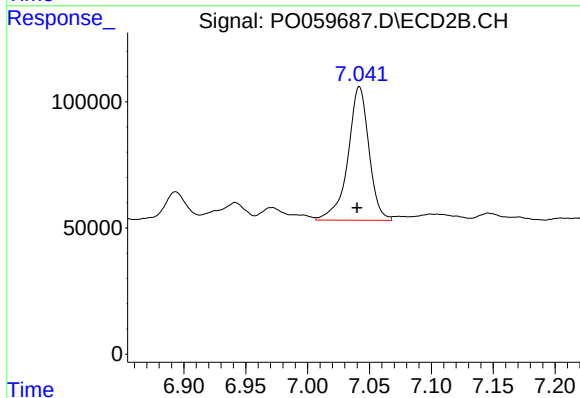
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 175089
Conc: 77.38 ng/ml



#35 AR-1260-5

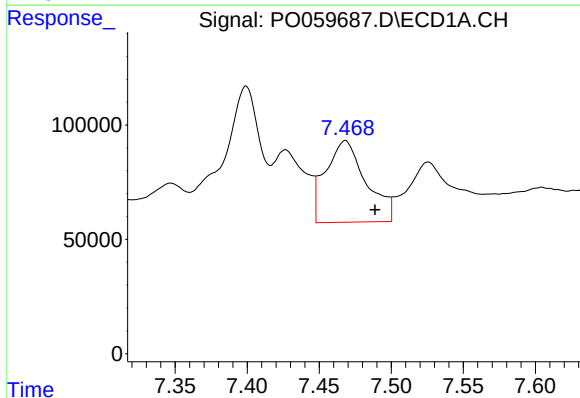
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 1202209
Conc: 169.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



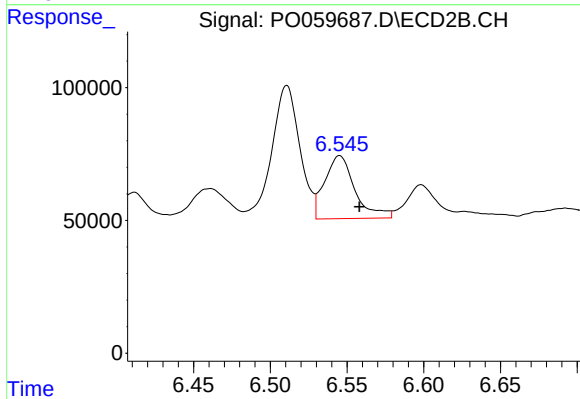
#35 AR-1260-5

R.T.: 7.042 min
Delta R.T.: 0.002 min
Response: 625320
Conc: 113.63 ng/ml



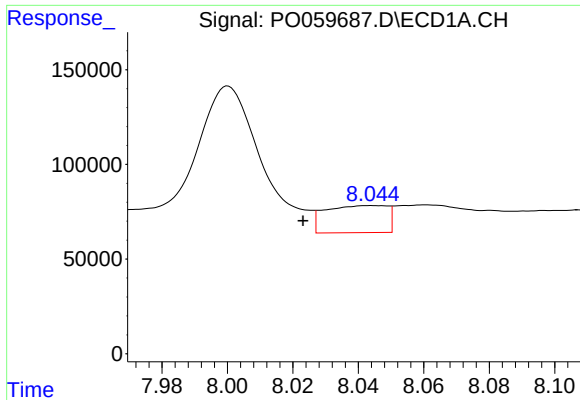
#36 AR-1262-1

R.T.: 7.468 min
Delta R.T.: -0.021 min
Response: 697320
Conc: 143.69 ng/ml



#36 AR-1262-1

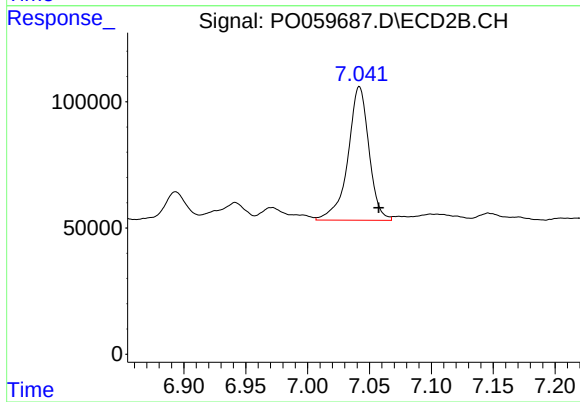
R.T.: 6.545 min
Delta R.T.: -0.013 min
Response: 325732
Conc: 87.38 ng/ml



#37 AR-1262-2

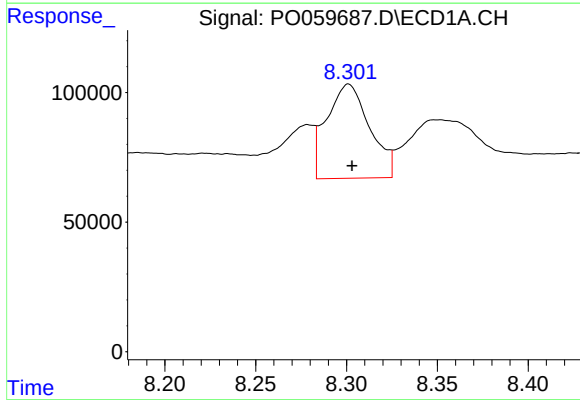
R.T.: 8.044 min
Delta R.T.: 0.021 min
Response: 187875
Conc: 24.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



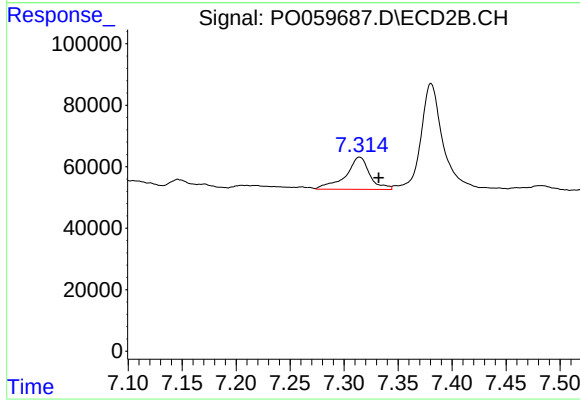
#37 AR-1262-2

R.T.: 7.042 min
Delta R.T.: -0.015 min
Response: 625320
Conc: 106.36 ng/ml



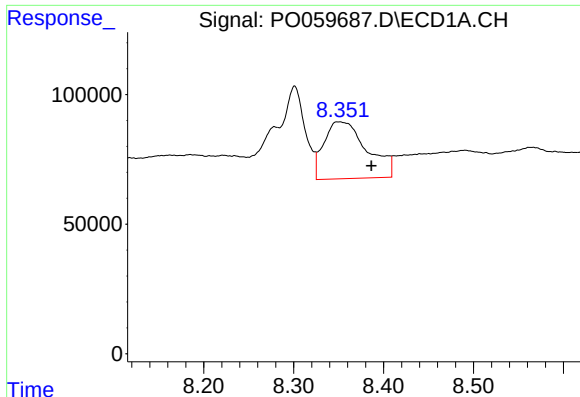
#38 AR-1262-3

R.T.: 8.301 min
Delta R.T.: -0.002 min
Response: 598094
Conc: 117.22 ng/ml



#38 AR-1262-3

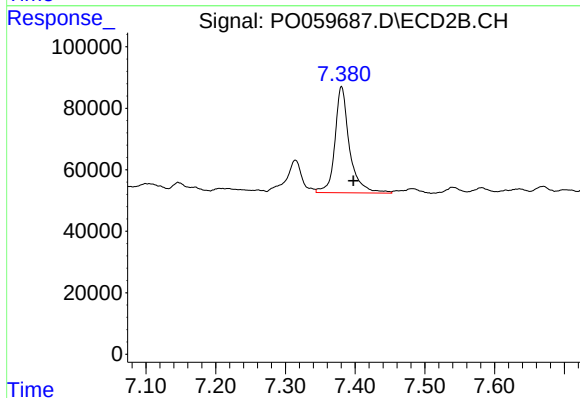
R.T.: 7.314 min
Delta R.T.: -0.018 min
Response: 162867
Conc: 64.10 ng/ml



#39 AR-1262-4

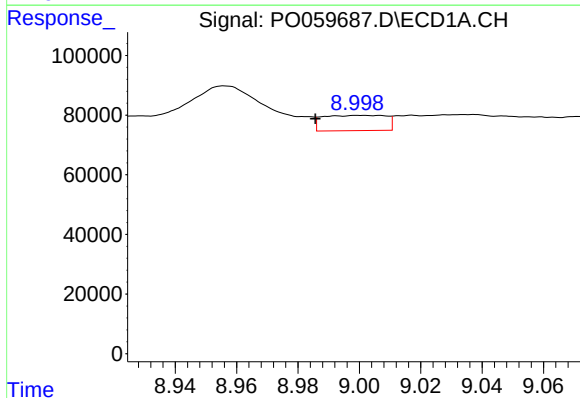
R.T.: 8.350 min
Delta R.T.: -0.036 min
Response: 729605
Conc: 189.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



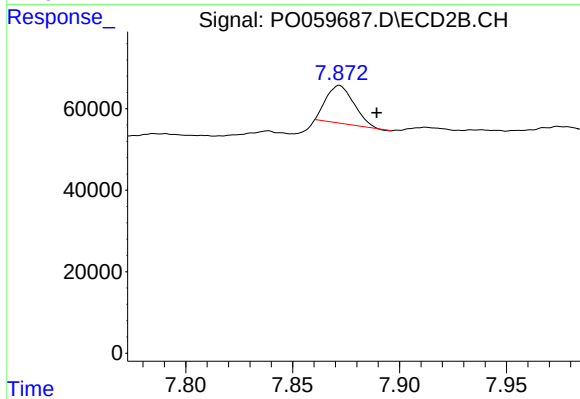
#39 AR-1262-4

R.T.: 7.381 min
Delta R.T.: -0.017 min
Response: 500007
Conc: 113.15 ng/ml



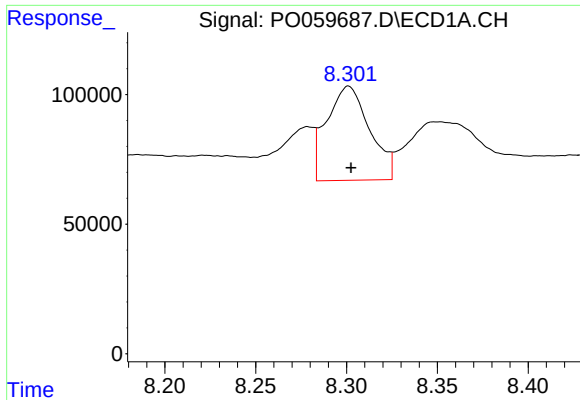
#40 AR-1262-5

R.T.: 9.000 min
Delta R.T.: 0.014 min
Response: 73318
Conc: 28.57 ng/ml



#40 AR-1262-5

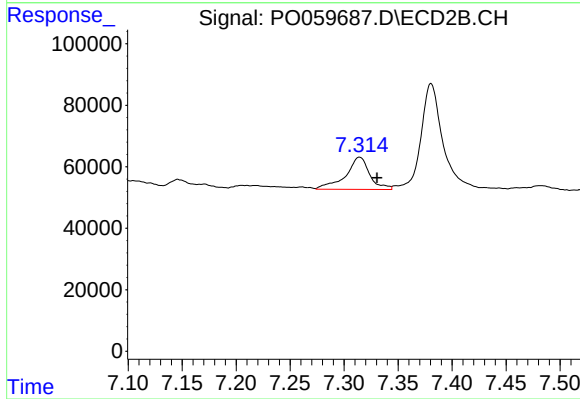
R.T.: 7.872 min
Delta R.T.: -0.017 min
Response: 82711
Conc: 45.81 ng/ml



#41 AR-1268-1

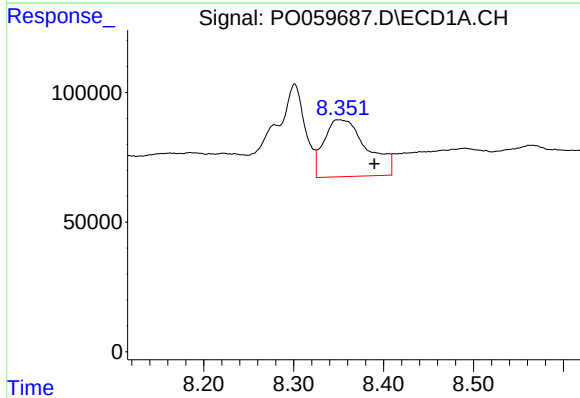
R.T.: 8.301 min
Delta R.T.: -0.001 min
Response: 598094
Conc: 63.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



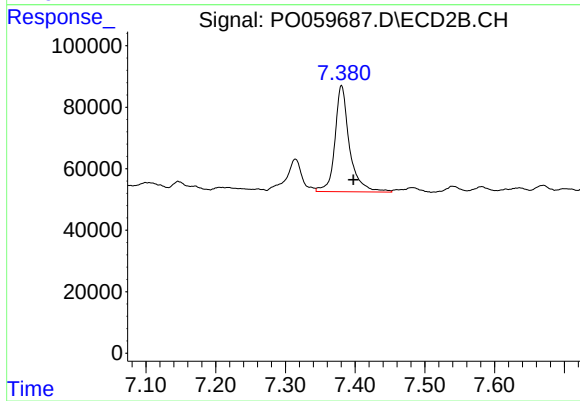
#41 AR-1268-1

R.T.: 7.314 min
Delta R.T.: -0.016 min
Response: 162867
Conc: 22.87 ng/ml



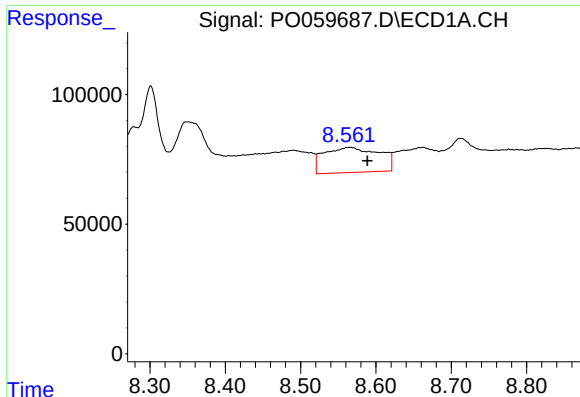
#42 AR-1268-2

R.T.: 8.350 min
Delta R.T.: -0.040 min
Response: 729605
Conc: 92.56 ng/ml



#42 AR-1268-2

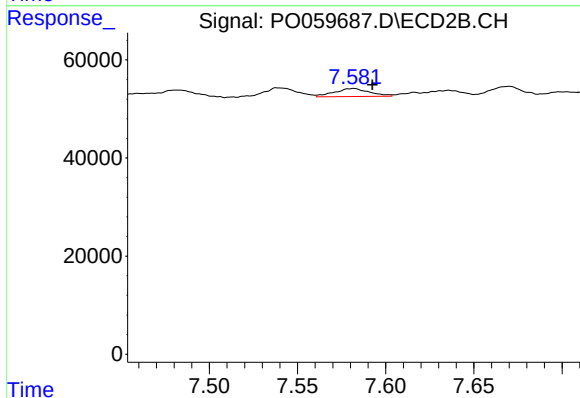
R.T.: 7.381 min
Delta R.T.: -0.017 min
Response: 500007
Conc: 77.54 ng/ml



#43 AR-1268-3

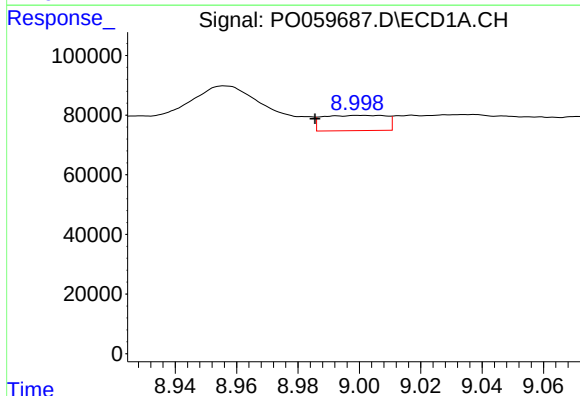
R.T.: 8.566 min
Delta R.T.: -0.023 min
Response: 496492
Conc: 70.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



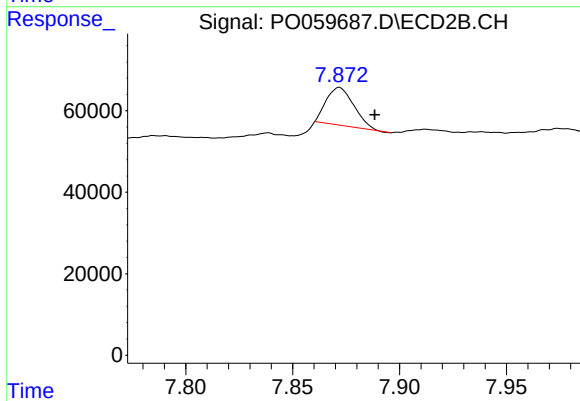
#43 AR-1268-3

R.T.: 7.582 min
Delta R.T.: -0.011 min
Response: 22857
Conc: 4.18 ng/ml



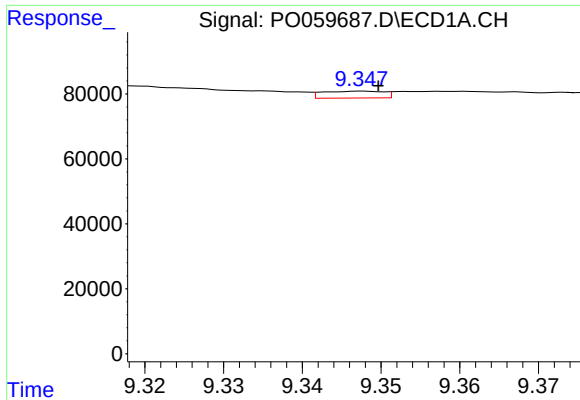
#44 AR-1268-4

R.T.: 9.000 min
Delta R.T.: 0.015 min
Response: 73318
Conc: 26.37 ng/ml



#44 AR-1268-4

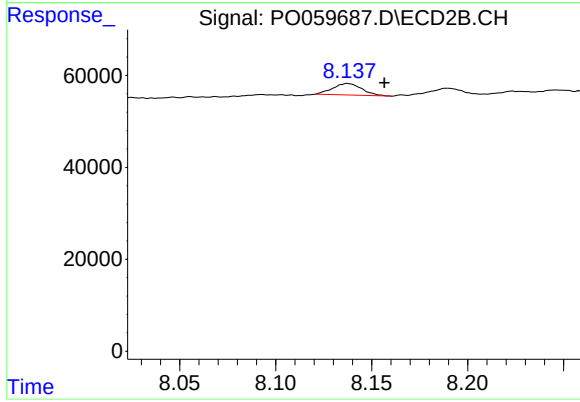
R.T.: 7.872 min
Delta R.T.: -0.016 min
Response: 82711
Conc: 40.52 ng/ml



#45 AR-1268-5

R.T.: 9.348 min
Delta R.T.: -0.002 min
Response: 11437
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-A



#45 AR-1268-5

R.T.: 8.137 min
Delta R.T.: -0.019 min
Response: 26369
Conc: 1.81 ng/ml