

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
 Data File : P0059091.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Aug 2019 14:53
 Operator : SM/SJ
 Sample : K4223-25
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SP-13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 16:39:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.156	3.515	806741	746807	19.116	18.693
2)	SA Decachlor...	9.657	8.395	618989	469310	11.430	11.889
Target Compounds							
3)	L1 AR-1016-1	5.360	4.594	30450	102248	16.249	70.130 #
4)	L1 AR-1016-2	5.360	4.594	30450	102248	11.067	47.633 #
5)	L1 AR-1016-3	5.393	4.802	6219	82846	3.663	72.946 #
6)	L1 AR-1016-4	5.569	4.802	72563	82846	51.860	87.826 #
7)	L1 AR-1016-5	5.822	4.960	11500	51211	8.028	41.587 #
8)	L2 AR-1221-1	4.375	3.716	4861	50480	10.701	125.314 #
9)	L2 AR-1221-2	4.458	3.806	21296	69619	61.768	233.260 #
10)	L2 AR-1221-3	4.539	3.877	157419	99371	143.553	103.879 #
11)	L3 AR-1232-1	4.539	3.877	157419	99371	174.366	126.498 #
12)	L3 AR-1232-2	5.074	4.594	21631	102248	43.975	120.935 #
13)	L3 AR-1232-3	5.360	4.802	30450	82846	28.439	188.380 #
14)	L3 AR-1232-4	5.569	4.867	72563	168093	136.112	425.259 #
15)	L3 AR-1232-5	5.618	4.960	17275	51211	42.335	116.323 #
16)	L4 AR-1242-1	5.360	4.594	30450	102248	23.779	100.720 #
17)	L4 AR-1242-2	5.360	4.594	30450	102248	16.097	67.729 #
18)	L4 AR-1242-3	5.393	4.802	6219	82846	5.302	101.729 #
19)	L4 AR-1242-4	5.569	4.867	72563	168093	75.508	207.771 #
20)	L4 AR-1242-5	6.224	5.376	115076	409862	97.973	382.089 #
21)	L5 AR-1248-1	5.360	4.594	30450	102248	30.119	127.867 #
22)	L5 AR-1248-2	5.618	4.802	17275	82846	11.950	74.771 #
23)	L5 AR-1248-3	5.822	4.867	11500	168093	7.001	147.688 #
24)	L5 AR-1248-4	6.224	4.960	115076	51211	56.821	36.658 #
25)	L5 AR-1248-5	6.224	5.434	115076	69694	59.614	50.311
26)	L6 AR-1254-1	6.158	5.376	825306	409862	349.515	158.215 #
27)	L6 AR-1254-2	6.376	5.525	300226	30604	77.901	13.368 #
28)	L6 AR-1254-3	6.764	5.912	207675	34932	51.282	9.494 #
29)	L6 AR-1254-4	7.013	0.000	121740	0	33.811	N.D. #
30)	L6 AR-1254-5	7.457	6.533	61429	26497	16.947	7.681 #
31)	L7 AR-1260-1	6.915	6.020	114799	31979	39.872	13.436 #
32)	L7 AR-1260-2	7.142	6.209	422075	94093	101.459	31.061 #
33)	L7 AR-1260-3	7.502	0.000	81769	0	21.958	N.D. #
34)	L7 AR-1260-4	7.763	0.000	23516	0	6.901	N.D. #
35)	L7 AR-1260-5	8.035	7.067	70659	28015	9.607	5.202 #
36)	L8 AR-1262-1	7.502	6.533	81769	26497	16.223	7.418 #
37)	L8 AR-1262-2	8.035	7.067	70659	28015	8.878	4.962 #
38)	L8 AR-1262-3	8.340	7.342	43745	119171	8.605	48.285 #
39)	L8 AR-1262-4	8.398	7.393	42473	308578	11.208	72.672 #
40)	L8 AR-1262-5	9.000	0.000	37836	0	16.468	N.D. #
41)	L9 AR-1268-1	8.340	7.342	43745	119171	3.916	14.631 #
42)	L9 AR-1268-2	8.398	7.393	42473	308578	4.522	40.725 #

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 Acq On : 09 Aug 2019 14:53
 Operator : SM/SJ
 Sample : K4223-25
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

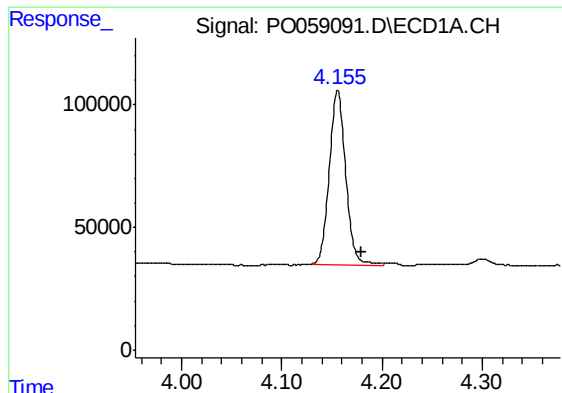
Instrument :
 ECD_O
 ClientSampleId :
 SP-13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 16:39:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
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 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	
43) L9	AR-1268-3	8.623	0.000	45224	0	5.476	N.D.	#
44) L9	AR-1268-4	9.000	0.000	37836	0	12.657	N.D.	#
45) L9	AR-1268-5	9.368	0.000	30741	0	1.432	N.D.	#

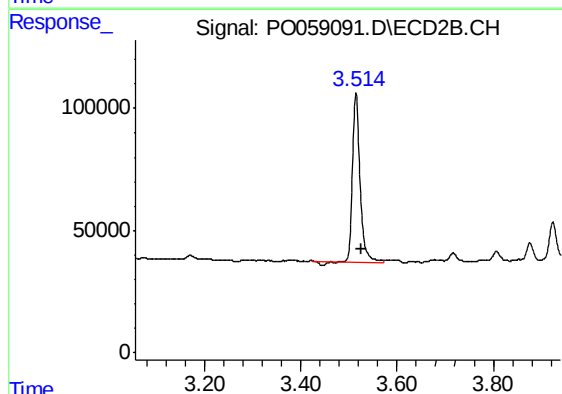
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

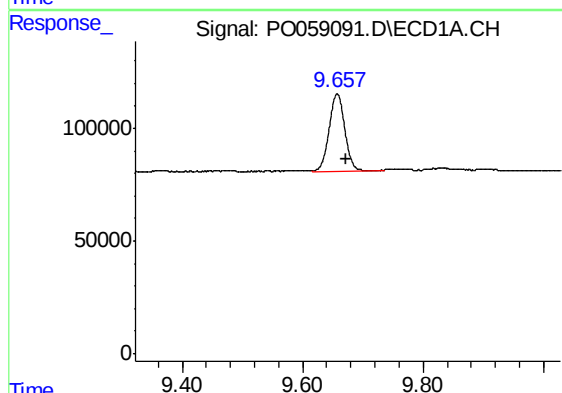
R.T.: 4.156 min
Delta R.T.: -0.023 min
Response: 806741
Conc: 19.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



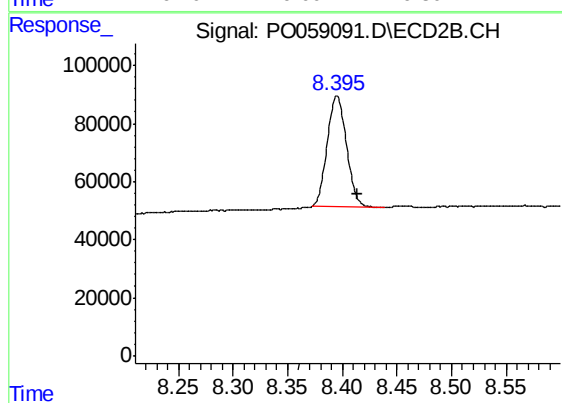
#1 Tetrachloro-m-xylene

R.T.: 3.515 min
Delta R.T.: -0.010 min
Response: 746807
Conc: 18.69 ng/ml



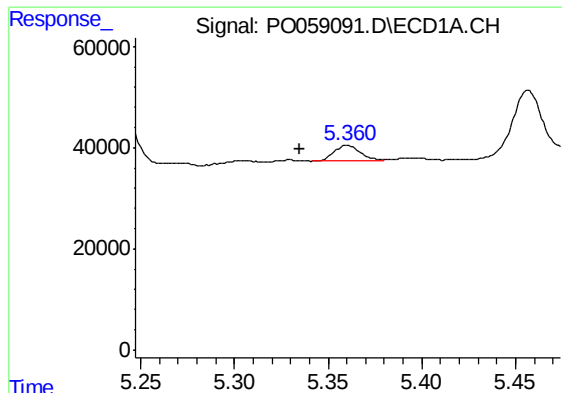
#2 Decachlorobiphenyl

R.T.: 9.657 min
Delta R.T.: -0.015 min
Response: 618989
Conc: 11.43 ng/ml



#2 Decachlorobiphenyl

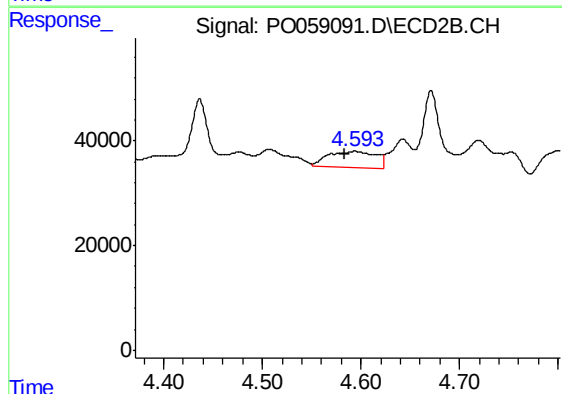
R.T.: 8.395 min
Delta R.T.: -0.019 min
Response: 469310
Conc: 11.89 ng/ml



#3 AR-1016-1

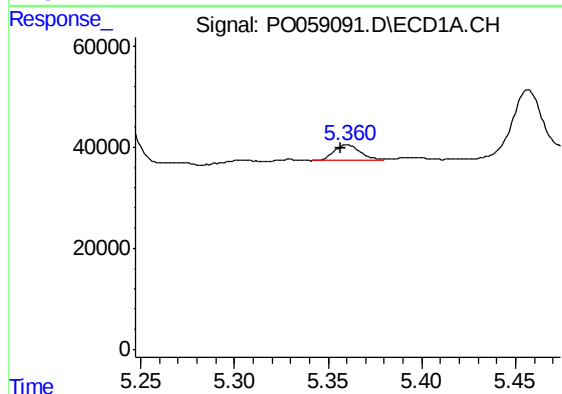
R.T.: 5.360 min
Delta R.T.: 0.025 min
Response: 30450
Conc: 16.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



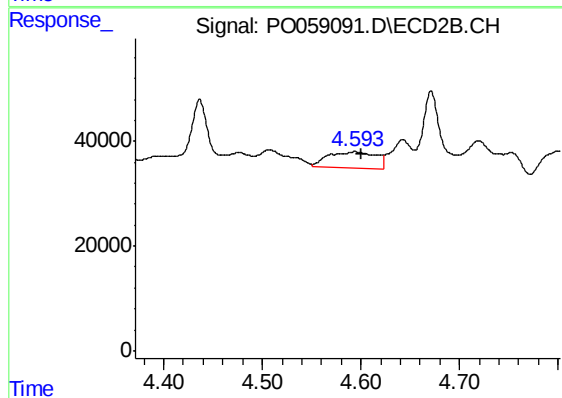
#3 AR-1016-1

R.T.: 4.594 min
Delta R.T.: 0.011 min
Response: 102248
Conc: 70.13 ng/ml



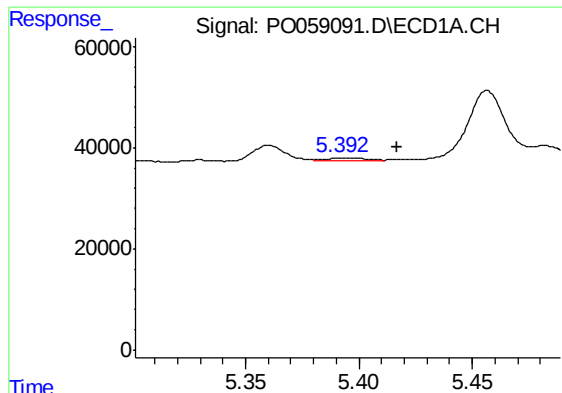
#4 AR-1016-2

R.T.: 5.360 min
Delta R.T.: 0.004 min
Response: 30450
Conc: 11.07 ng/ml



#4 AR-1016-2

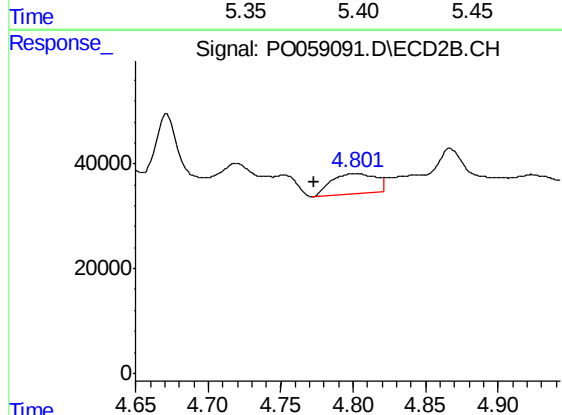
R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 102248
Conc: 47.63 ng/ml



#5 AR-1016-3

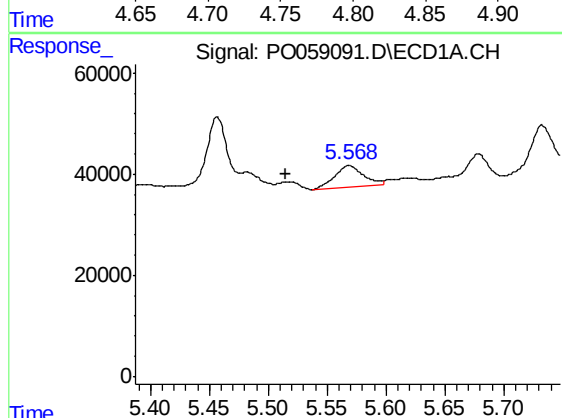
R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 6219
Conc: 3.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



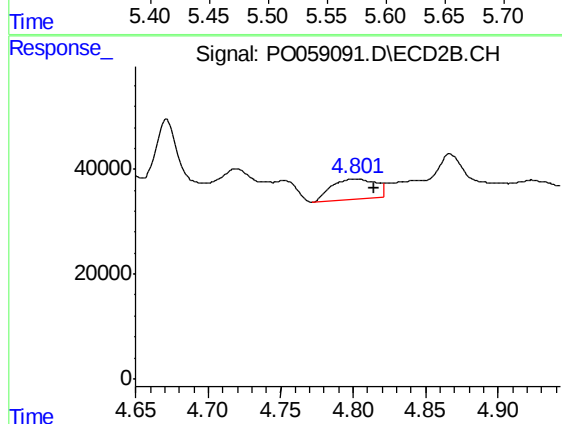
#5 AR-1016-3

R.T.: 4.802 min
Delta R.T.: 0.028 min
Response: 82846
Conc: 72.95 ng/ml



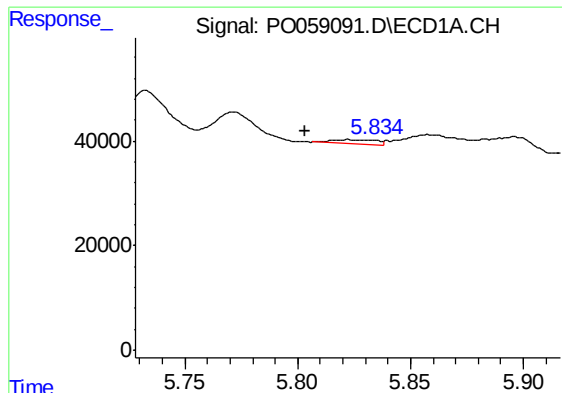
#6 AR-1016-4

R.T.: 5.569 min
Delta R.T.: 0.054 min
Response: 72563
Conc: 51.86 ng/ml



#6 AR-1016-4

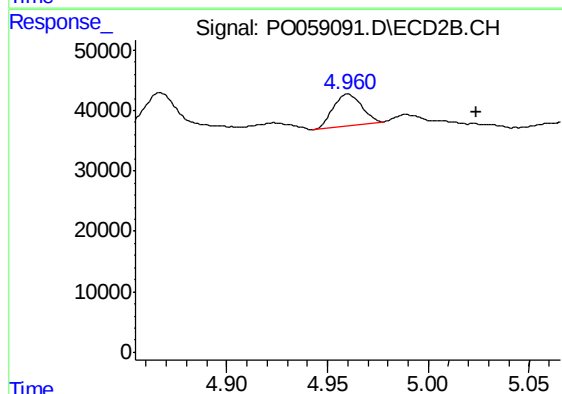
R.T.: 4.802 min
Delta R.T.: -0.013 min
Response: 82846
Conc: 87.83 ng/ml



#7 AR-1016-5

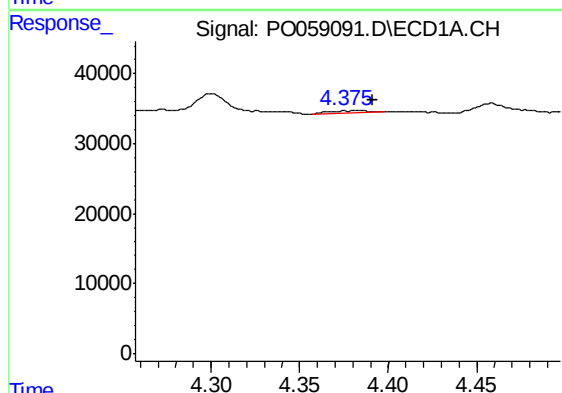
R.T.: 5.822 min
Delta R.T.: 0.019 min
Response: 11500
Conc: 8.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



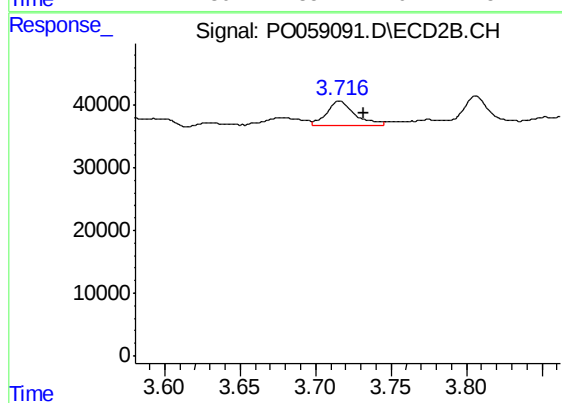
#7 AR-1016-5

R.T.: 4.960 min
Delta R.T.: -0.063 min
Response: 51211
Conc: 41.59 ng/ml



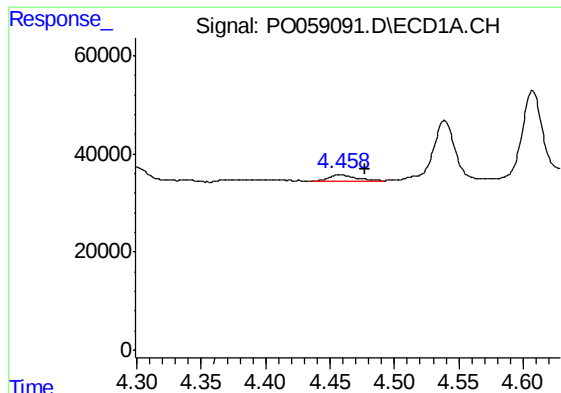
#8 AR-1221-1

R.T.: 4.375 min
Delta R.T.: -0.016 min
Response: 4861
Conc: 10.70 ng/ml



#8 AR-1221-1

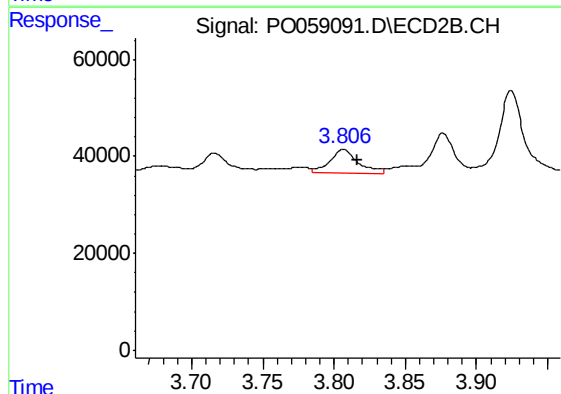
R.T.: 3.716 min
Delta R.T.: -0.016 min
Response: 50480
Conc: 125.31 ng/ml



#9 AR-1221-2

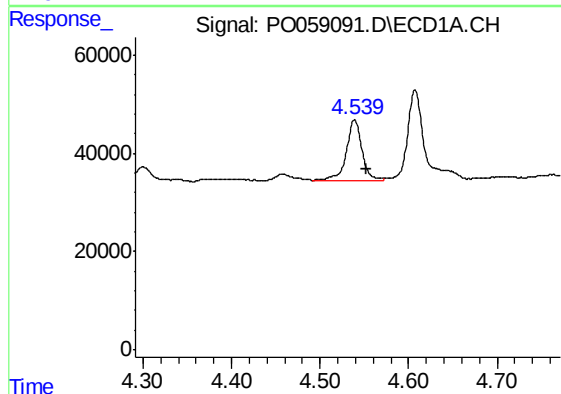
R.T.: 4.458 min
Delta R.T.: -0.019 min
Response: 21296
Conc: 61.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



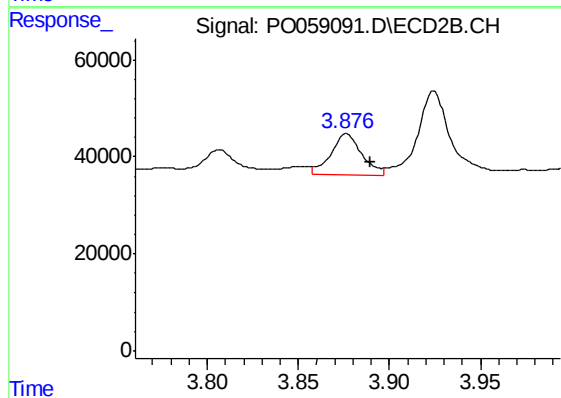
#9 AR-1221-2

R.T.: 3.806 min
Delta R.T.: -0.010 min
Response: 69619
Conc: 233.26 ng/ml



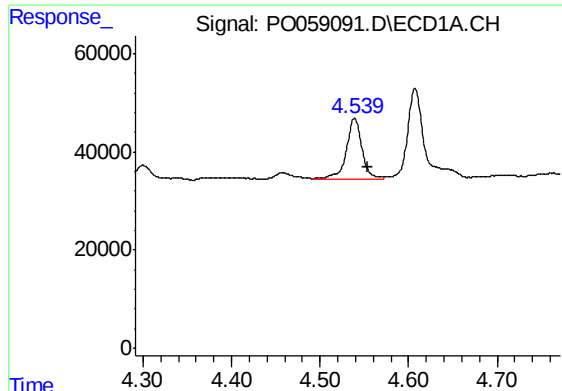
#10 AR-1221-3

R.T.: 4.539 min
Delta R.T.: -0.014 min
Response: 157419
Conc: 143.55 ng/ml



#10 AR-1221-3

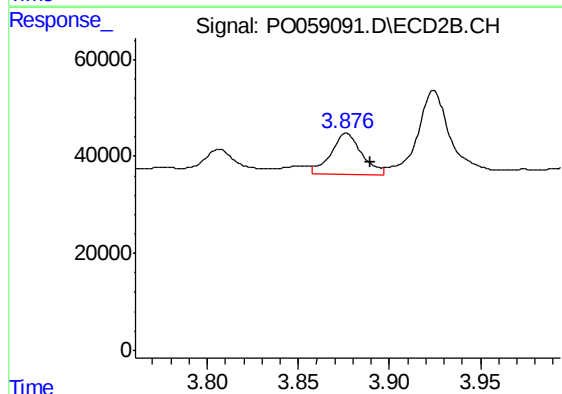
R.T.: 3.877 min
Delta R.T.: -0.013 min
Response: 99371
Conc: 103.88 ng/ml



#11 AR-1232-1

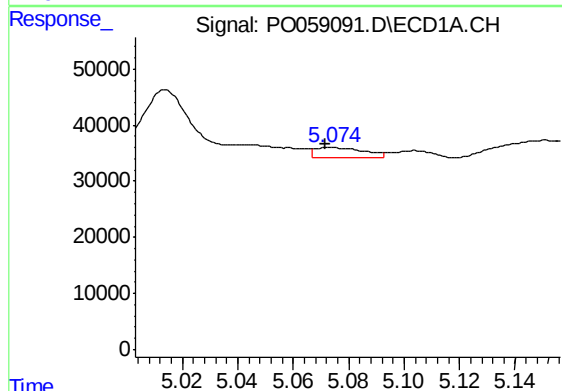
R.T.: 4.539 min
Delta R.T.: -0.015 min
Response: 157419
Conc: 174.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



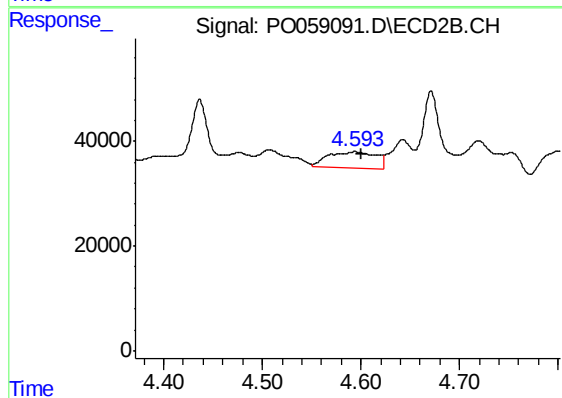
#11 AR-1232-1

R.T.: 3.877 min
Delta R.T.: -0.013 min
Response: 99371
Conc: 126.50 ng/ml



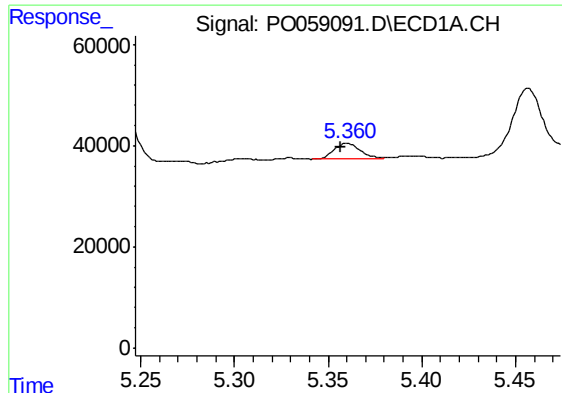
#12 AR-1232-2

R.T.: 5.074 min
Delta R.T.: 0.002 min
Response: 21631
Conc: 43.97 ng/ml



#12 AR-1232-2

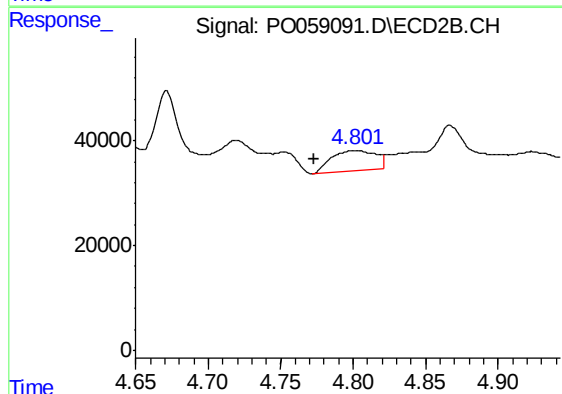
R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 102248
Conc: 120.93 ng/ml



#13 AR-1232-3

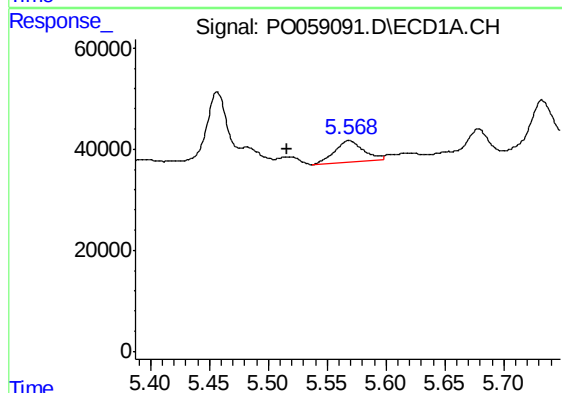
R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 30450
Conc: 28.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



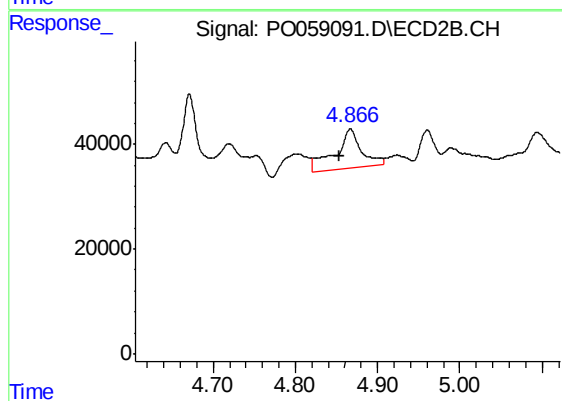
#13 AR-1232-3

R.T.: 4.802 min
Delta R.T.: 0.029 min
Response: 82846
Conc: 188.38 ng/ml



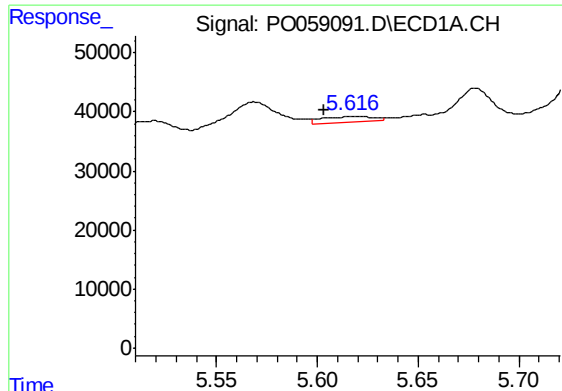
#14 AR-1232-4

R.T.: 5.569 min
Delta R.T.: 0.053 min
Response: 72563
Conc: 136.11 ng/ml



#14 AR-1232-4

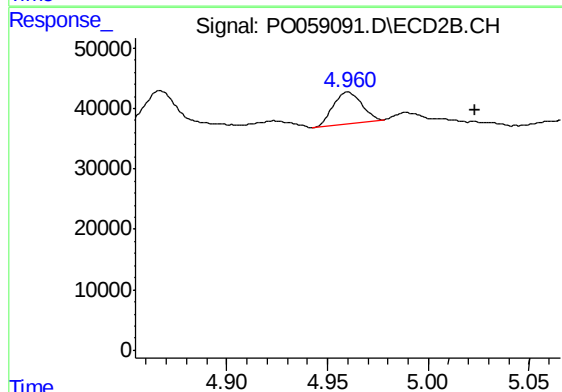
R.T.: 4.867 min
Delta R.T.: 0.013 min
Response: 168093
Conc: 425.26 ng/ml



#15 AR-1232-5

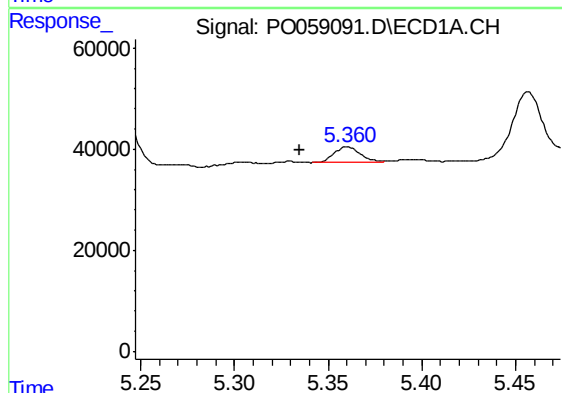
R.T.: 5.618 min
Delta R.T.: 0.015 min
Response: 17275
Conc: 42.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



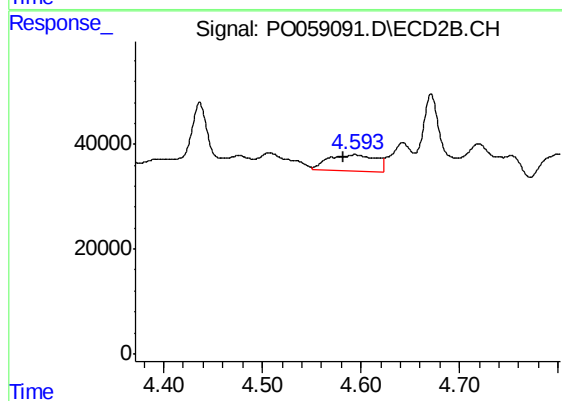
#15 AR-1232-5

R.T.: 4.960 min
Delta R.T.: -0.063 min
Response: 51211
Conc: 116.32 ng/ml



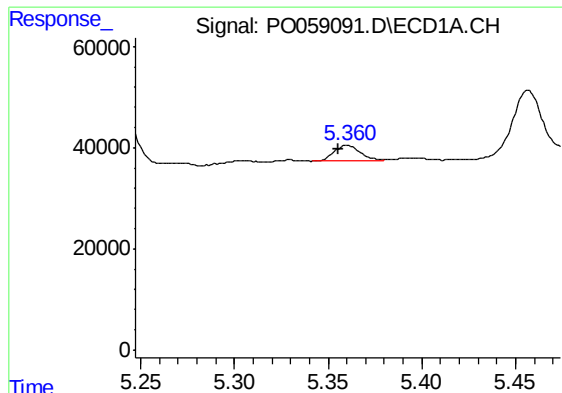
#16 AR-1242-1

R.T.: 5.360 min
Delta R.T.: 0.025 min
Response: 30450
Conc: 23.78 ng/ml



#16 AR-1242-1

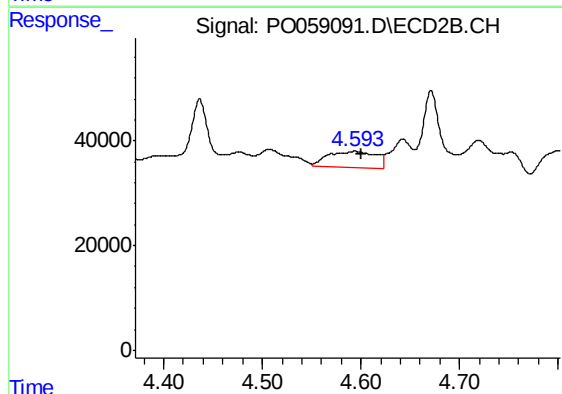
R.T.: 4.594 min
Delta R.T.: 0.012 min
Response: 102248
Conc: 100.72 ng/ml



#17 AR-1242-2

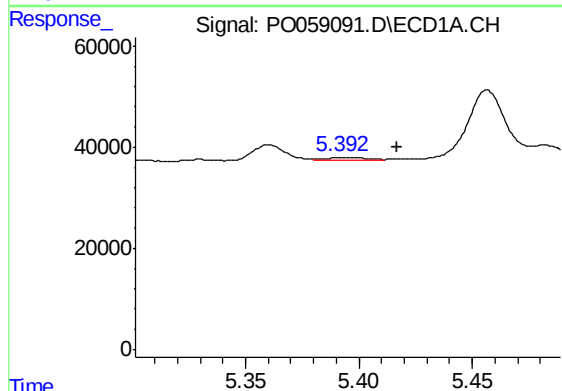
R.T.: 5.360 min
Delta R.T.: 0.005 min
Response: 30450
Conc: 16.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



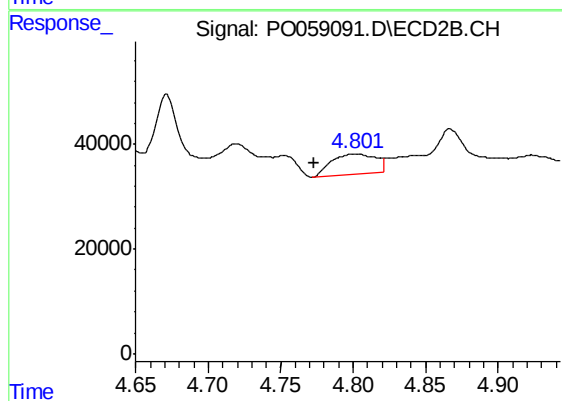
#17 AR-1242-2

R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 102248
Conc: 67.73 ng/ml



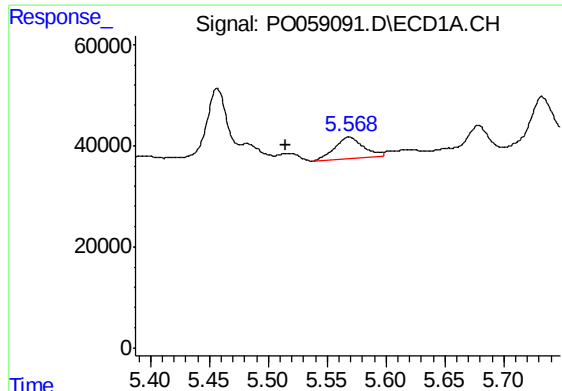
#18 AR-1242-3

R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 6219
Conc: 5.30 ng/ml



#18 AR-1242-3

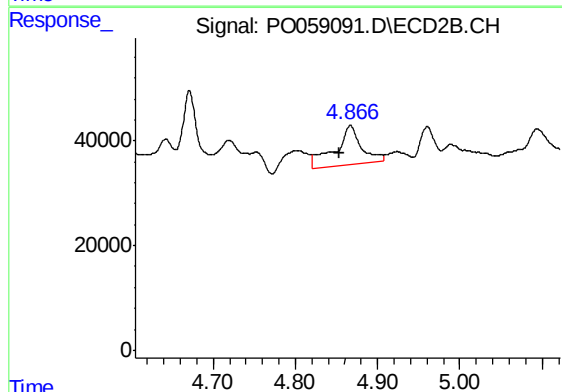
R.T.: 4.802 min
Delta R.T.: 0.029 min
Response: 82846
Conc: 101.73 ng/ml



#19 AR-1242-4

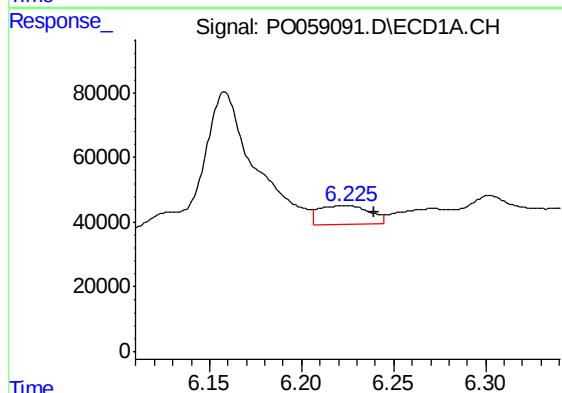
R.T.: 5.569 min
Delta R.T.: 0.054 min
Response: 72563
Conc: 75.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



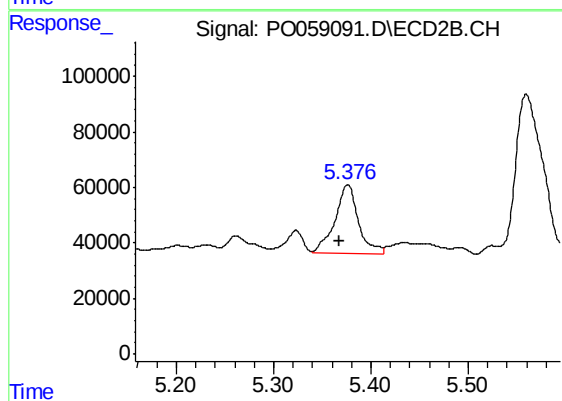
#19 AR-1242-4

R.T.: 4.867 min
Delta R.T.: 0.013 min
Response: 168093
Conc: 207.77 ng/ml



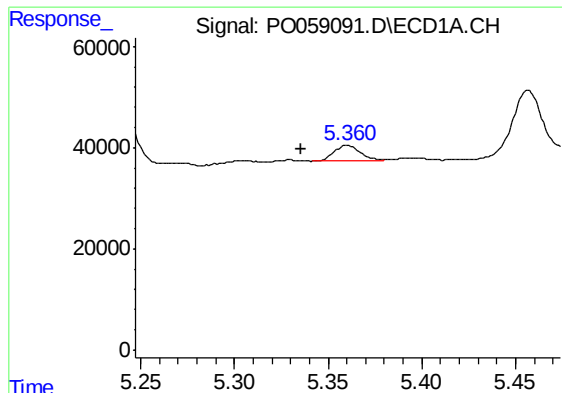
#20 AR-1242-5

R.T.: 6.224 min
Delta R.T.: -0.015 min
Response: 115076
Conc: 97.97 ng/ml



#20 AR-1242-5

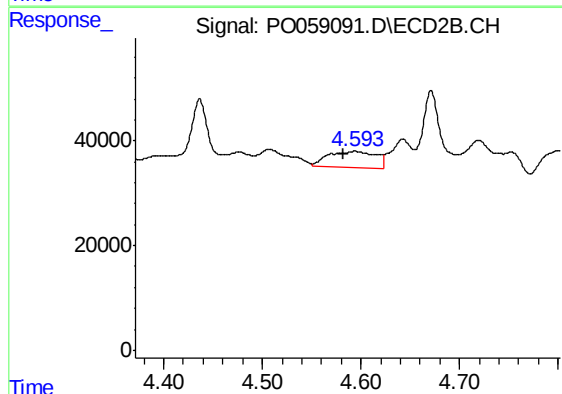
R.T.: 5.376 min
Delta R.T.: 0.008 min
Response: 409862
Conc: 382.09 ng/ml



#21 AR-1248-1

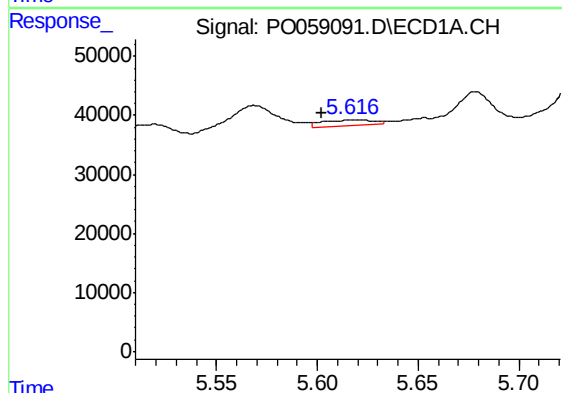
R.T.: 5.360 min
Delta R.T.: 0.025 min
Response: 30450
Conc: 30.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



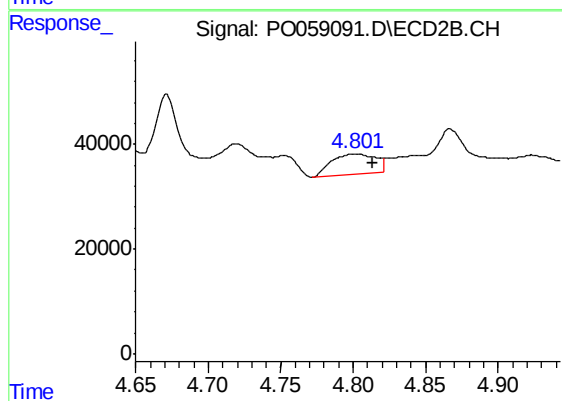
#21 AR-1248-1

R.T.: 4.594 min
Delta R.T.: 0.012 min
Response: 102248
Conc: 127.87 ng/ml



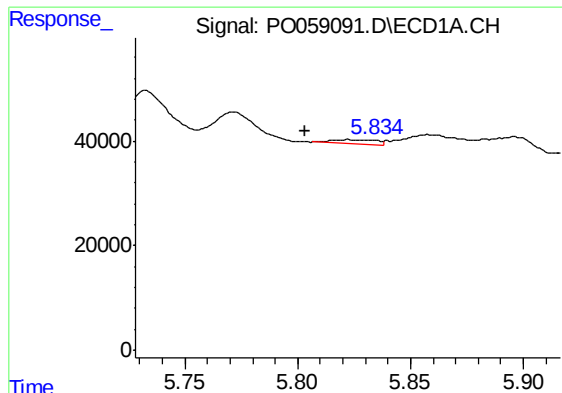
#22 AR-1248-2

R.T.: 5.618 min
Delta R.T.: 0.016 min
Response: 17275
Conc: 11.95 ng/ml



#22 AR-1248-2

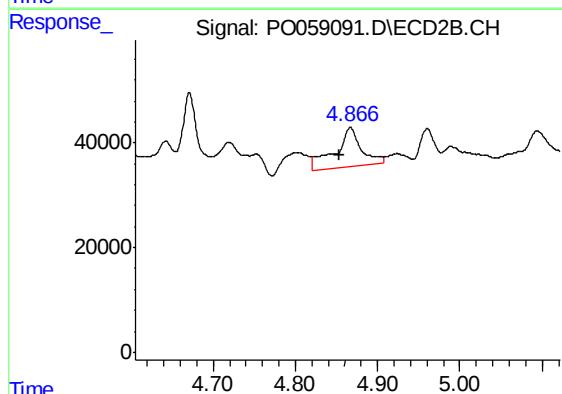
R.T.: 4.802 min
Delta R.T.: -0.012 min
Response: 82846
Conc: 74.77 ng/ml



#23 AR-1248-3

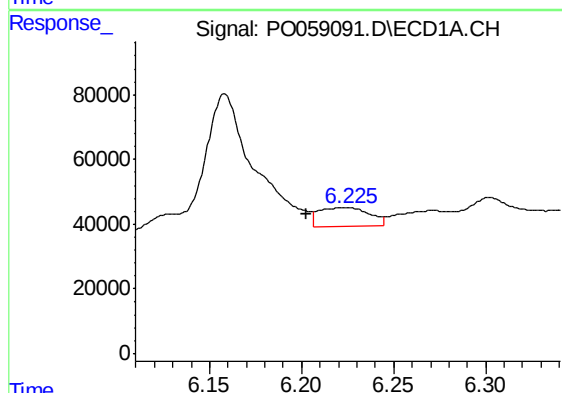
R.T.: 5.822 min
Delta R.T.: 0.019 min
Response: 11500
Conc: 7.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



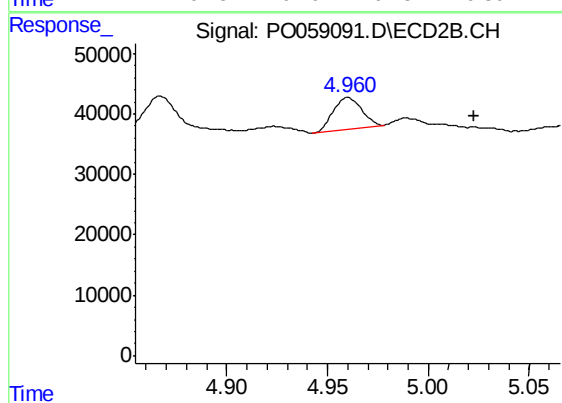
#23 AR-1248-3

R.T.: 4.867 min
Delta R.T.: 0.013 min
Response: 168093
Conc: 147.69 ng/ml



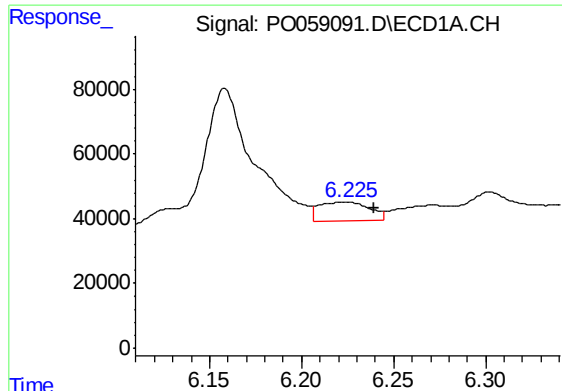
#24 AR-1248-4

R.T.: 6.224 min
Delta R.T.: 0.021 min
Response: 115076
Conc: 56.82 ng/ml



#24 AR-1248-4

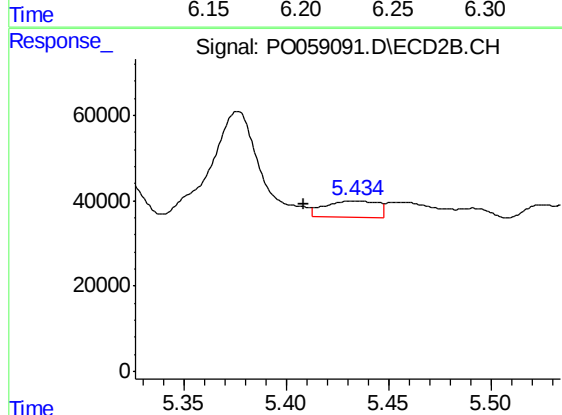
R.T.: 4.960 min
Delta R.T.: -0.063 min
Response: 51211
Conc: 36.66 ng/ml



#25 AR-1248-5

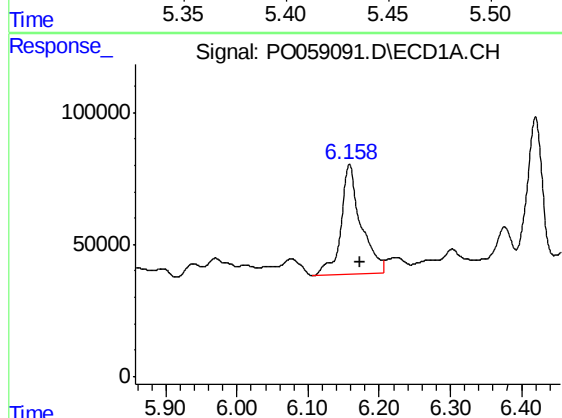
R.T.: 6.224 min
Delta R.T.: -0.015 min
Response: 115076
Conc: 59.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



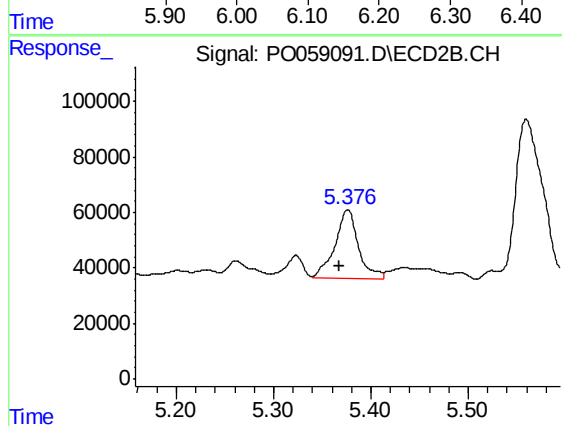
#25 AR-1248-5

R.T.: 5.434 min
Delta R.T.: 0.026 min
Response: 69694
Conc: 50.31 ng/ml



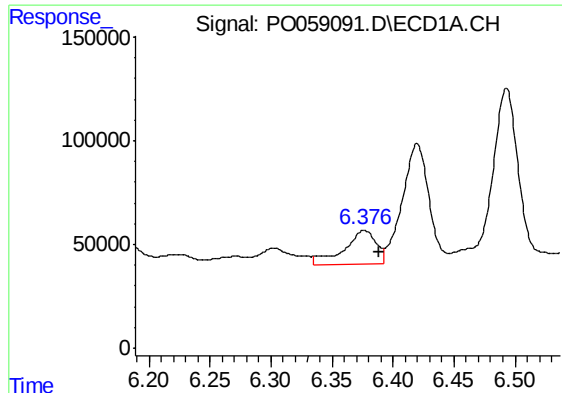
#26 AR-1254-1

R.T.: 6.158 min
Delta R.T.: -0.015 min
Response: 825306
Conc: 349.51 ng/ml



#26 AR-1254-1

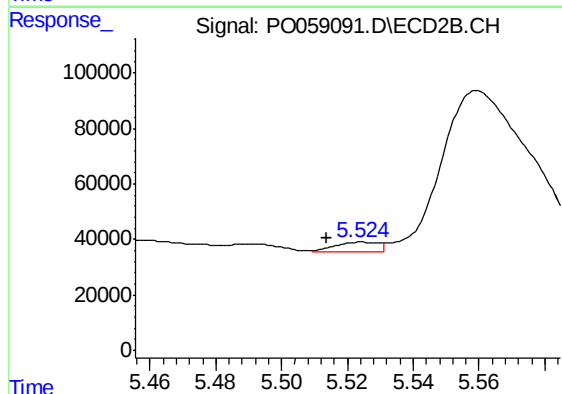
R.T.: 5.376 min
Delta R.T.: 0.008 min
Response: 409862
Conc: 158.21 ng/ml



#27 AR-1254-2

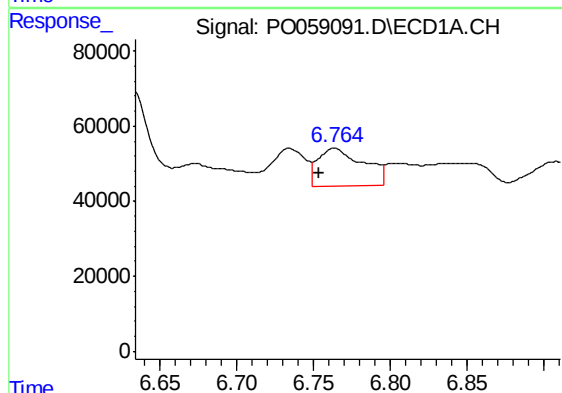
R.T.: 6.376 min
Delta R.T.: -0.012 min
Response: 300226
Conc: 77.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



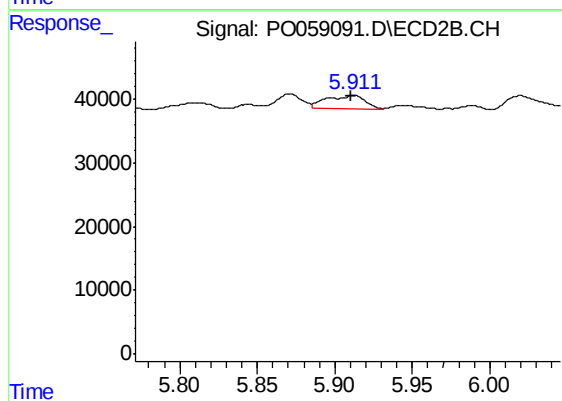
#27 AR-1254-2

R.T.: 5.525 min
Delta R.T.: 0.011 min
Response: 30604
Conc: 13.37 ng/ml



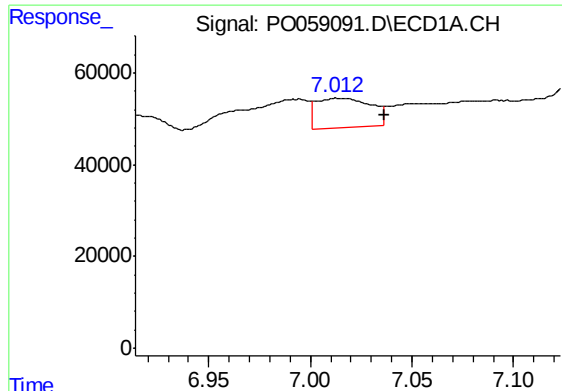
#28 AR-1254-3

R.T.: 6.764 min
Delta R.T.: 0.010 min
Response: 207675
Conc: 51.28 ng/ml



#28 AR-1254-3

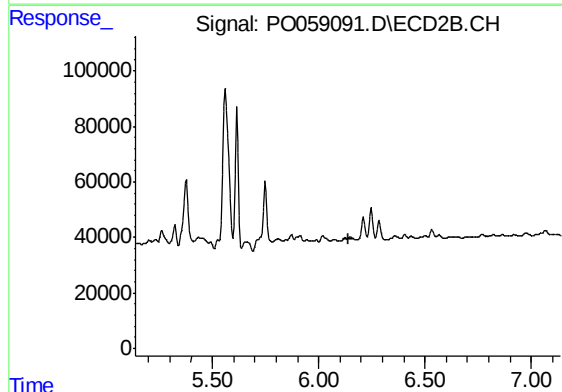
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 34932
Conc: 9.49 ng/ml



#29 AR-1254-4

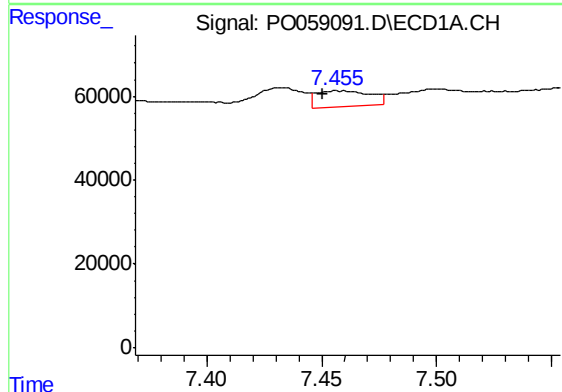
R.T.: 7.013 min
Delta R.T.: -0.023 min
Response: 121740
Conc: 33.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



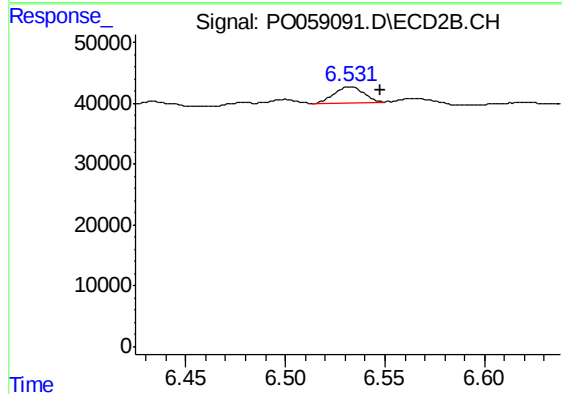
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



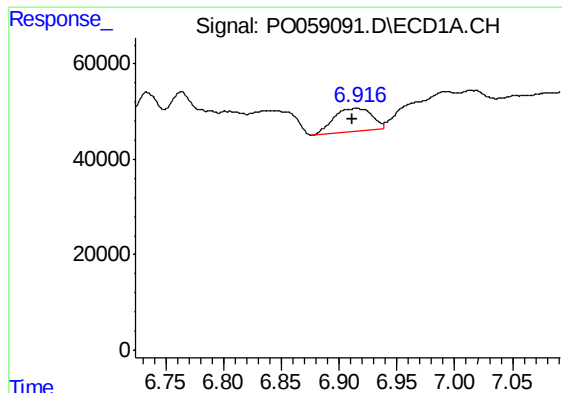
#30 AR-1254-5

R.T.: 7.457 min
Delta R.T.: 0.006 min
Response: 61429
Conc: 16.95 ng/ml



#30 AR-1254-5

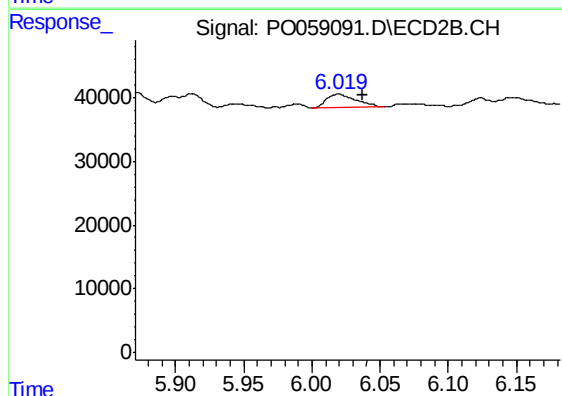
R.T.: 6.533 min
Delta R.T.: -0.016 min
Response: 26497
Conc: 7.68 ng/ml



#31 AR-1260-1

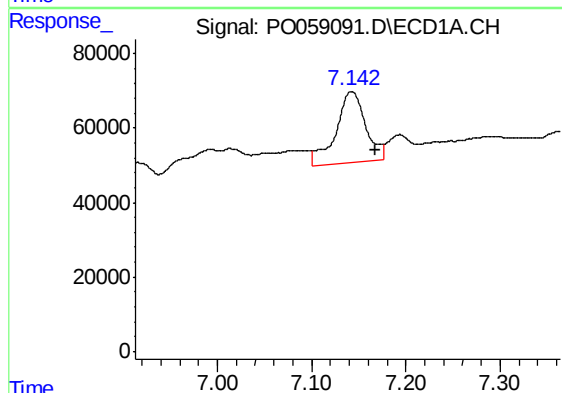
R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 114799
Conc: 39.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



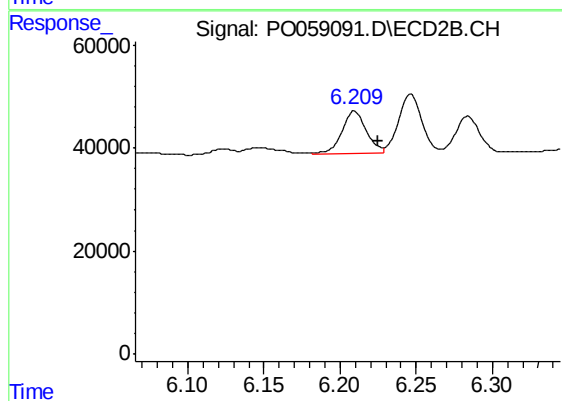
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: -0.017 min
Response: 31979
Conc: 13.44 ng/ml



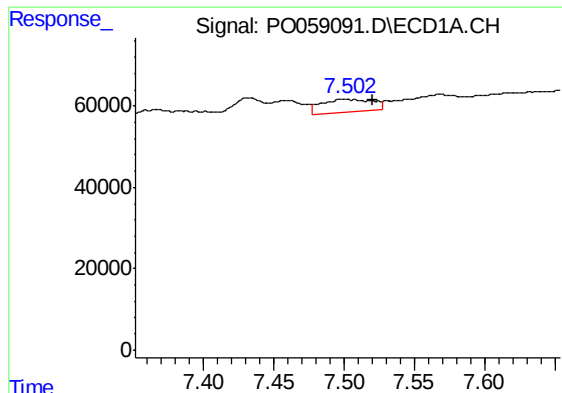
#32 AR-1260-2

R.T.: 7.142 min
Delta R.T.: -0.025 min
Response: 422075
Conc: 101.46 ng/ml



#32 AR-1260-2

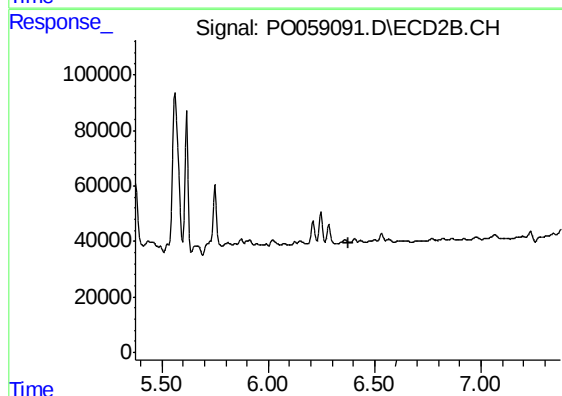
R.T.: 6.209 min
Delta R.T.: -0.015 min
Response: 94093
Conc: 31.06 ng/ml



#33 AR-1260-3

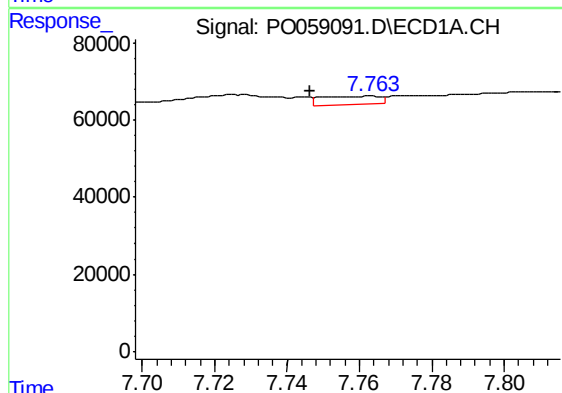
R.T.: 7.502 min
Delta R.T.: -0.019 min
Response: 81769
Conc: 21.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



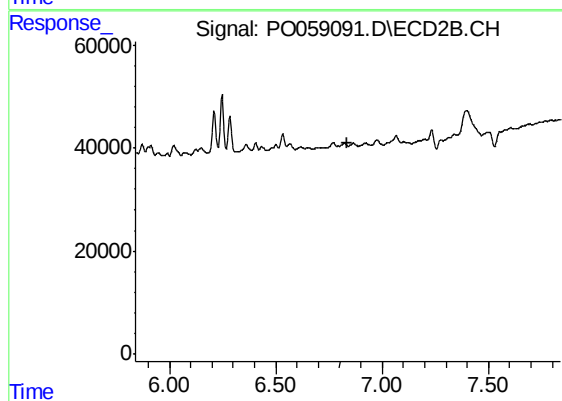
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



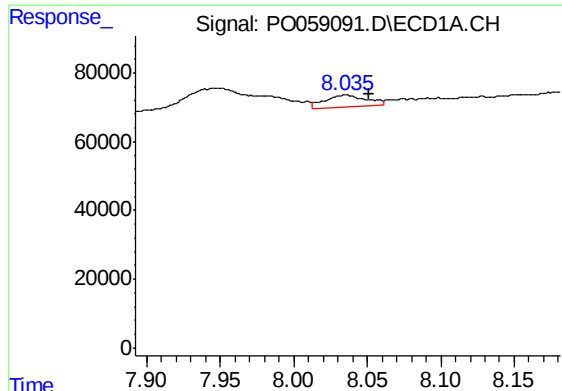
#34 AR-1260-4

R.T.: 7.763 min
Delta R.T.: 0.017 min
Response: 23516
Conc: 6.90 ng/ml



#34 AR-1260-4

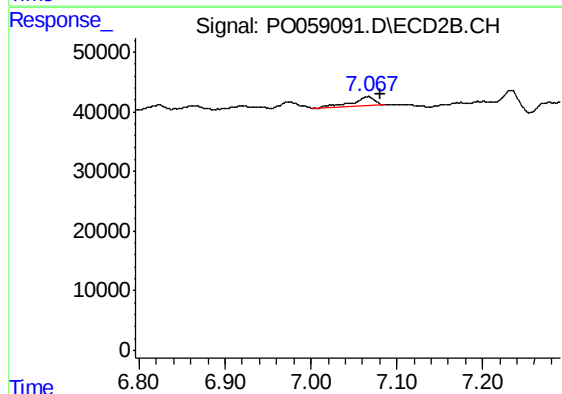
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

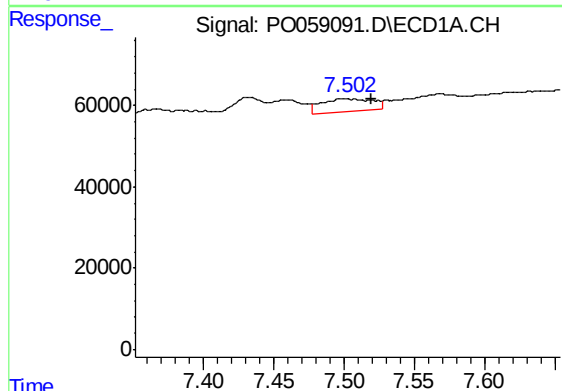
R.T.: 8.035 min
Delta R.T.: -0.016 min
Response: 70659
Conc: 9.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



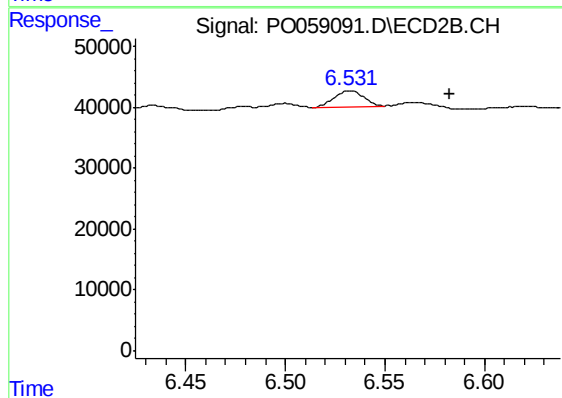
#35 AR-1260-5

R.T.: 7.067 min
Delta R.T.: -0.015 min
Response: 28015
Conc: 5.20 ng/ml



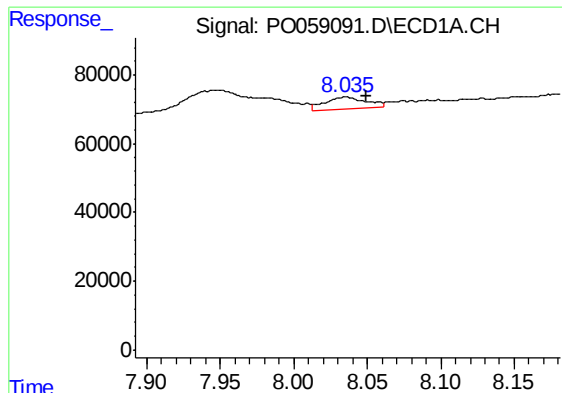
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.018 min
Response: 81769
Conc: 16.22 ng/ml



#36 AR-1262-1

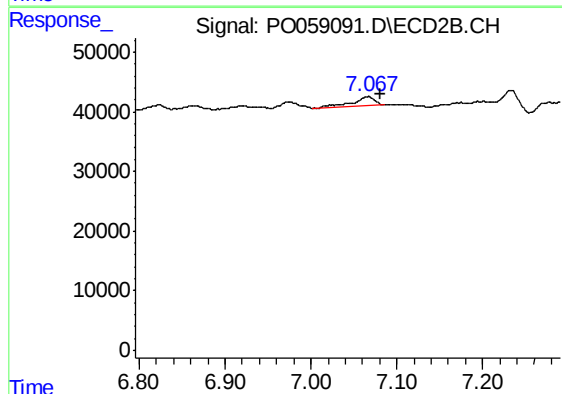
R.T.: 6.533 min
Delta R.T.: -0.050 min
Response: 26497
Conc: 7.42 ng/ml



#37 AR-1262-2

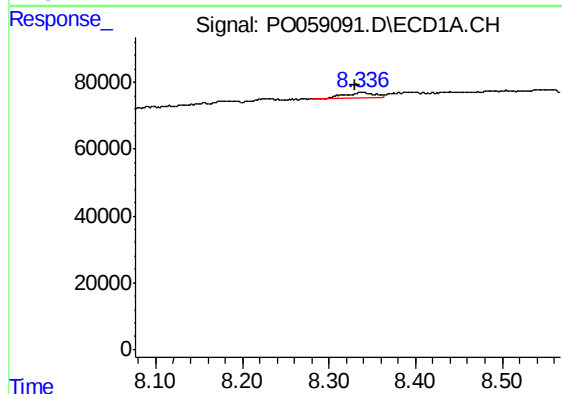
R.T.: 8.035 min
Delta R.T.: -0.015 min
Response: 70659
Conc: 8.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



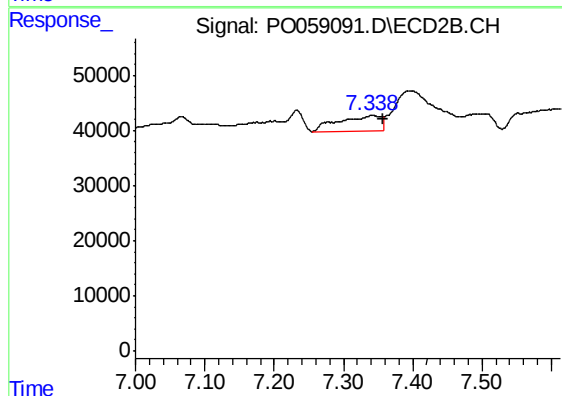
#37 AR-1262-2

R.T.: 7.067 min
Delta R.T.: -0.015 min
Response: 28015
Conc: 4.96 ng/ml



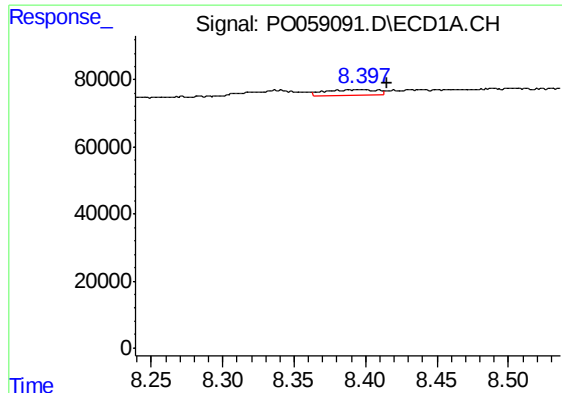
#38 AR-1262-3

R.T.: 8.340 min
Delta R.T.: 0.010 min
Response: 43745
Conc: 8.61 ng/ml



#38 AR-1262-3

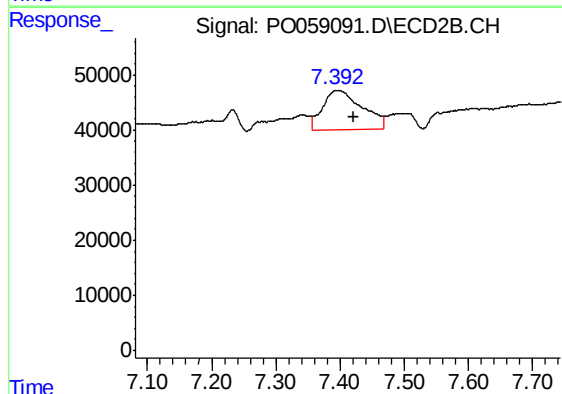
R.T.: 7.342 min
Delta R.T.: -0.014 min
Response: 119171
Conc: 48.29 ng/ml



#39 AR-1262-4

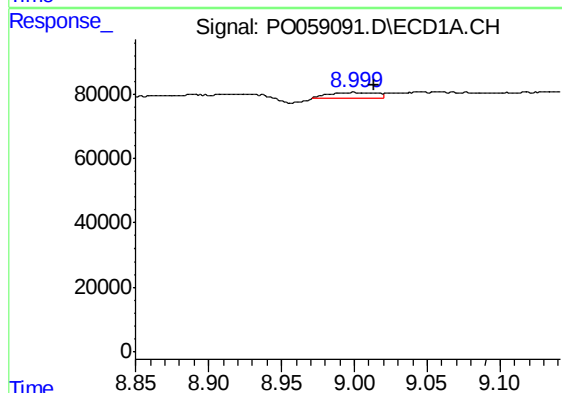
R.T.: 8.398 min
Delta R.T.: -0.018 min
Response: 42473
Conc: 11.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



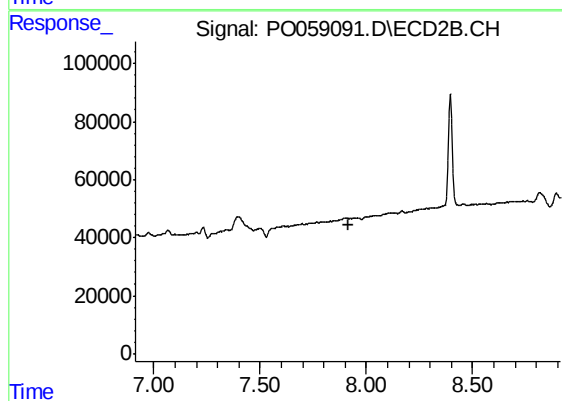
#39 AR-1262-4

R.T.: 7.393 min
Delta R.T.: -0.029 min
Response: 308578
Conc: 72.67 ng/ml



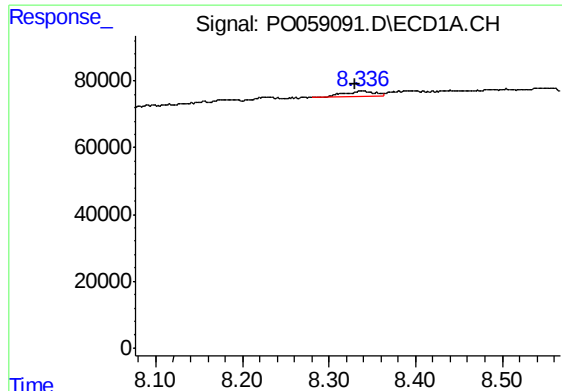
#40 AR-1262-5

R.T.: 9.000 min
Delta R.T.: -0.014 min
Response: 37836
Conc: 16.47 ng/ml



#40 AR-1262-5

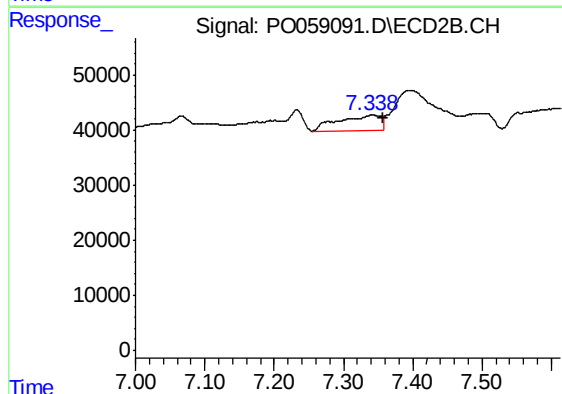
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

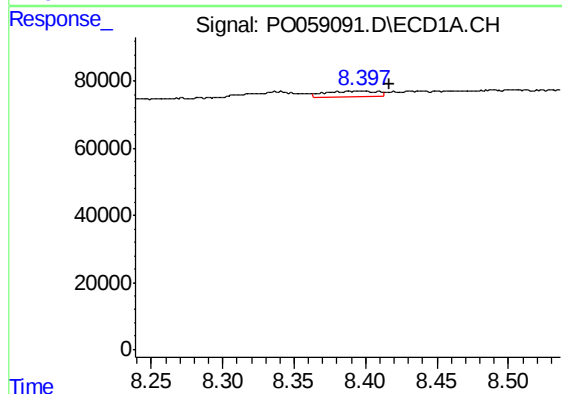
R.T.: 8.340 min
Delta R.T.: 0.011 min
Response: 43745
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



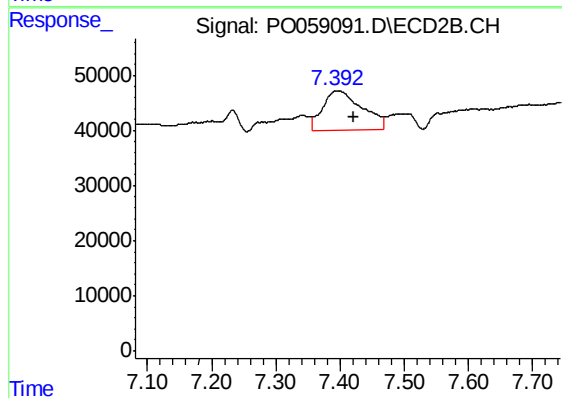
#41 AR-1268-1

R.T.: 7.342 min
Delta R.T.: -0.014 min
Response: 119171
Conc: 14.63 ng/ml



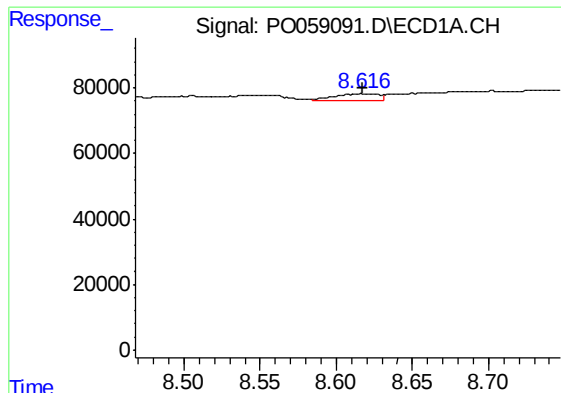
#42 AR-1268-2

R.T.: 8.398 min
Delta R.T.: -0.019 min
Response: 42473
Conc: 4.52 ng/ml



#42 AR-1268-2

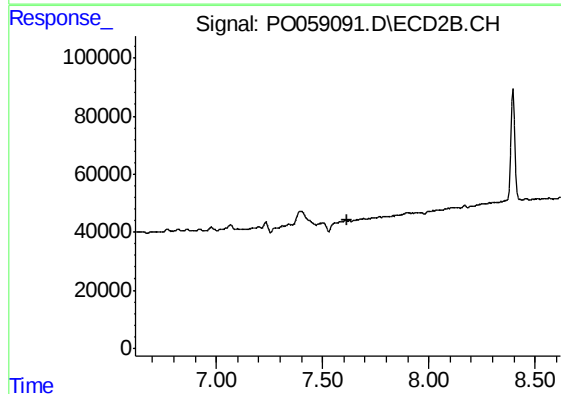
R.T.: 7.393 min
Delta R.T.: -0.029 min
Response: 308578
Conc: 40.72 ng/ml



#43 AR-1268-3

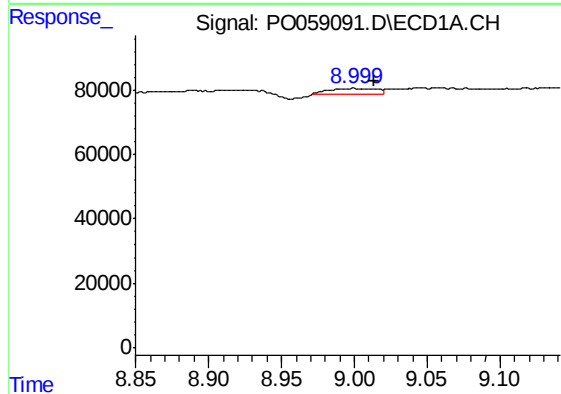
R.T.: 8.623 min
Delta R.T.: 0.006 min
Response: 45224
Conc: 5.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



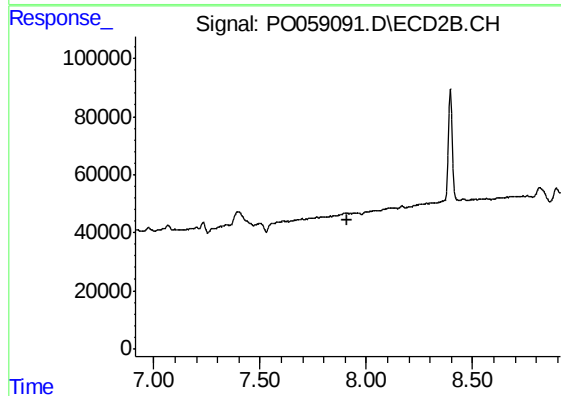
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



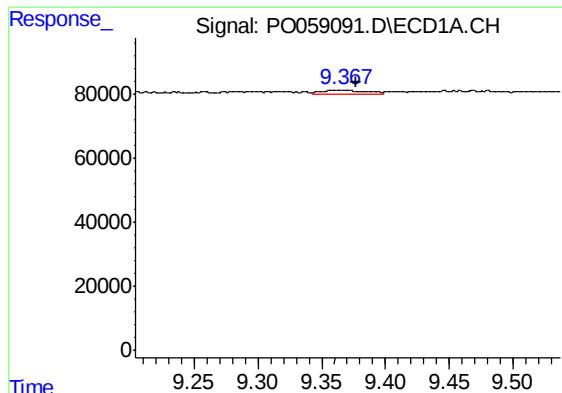
#44 AR-1268-4

R.T.: 9.000 min
Delta R.T.: -0.014 min
Response: 37836
Conc: 12.66 ng/ml



#44 AR-1268-4

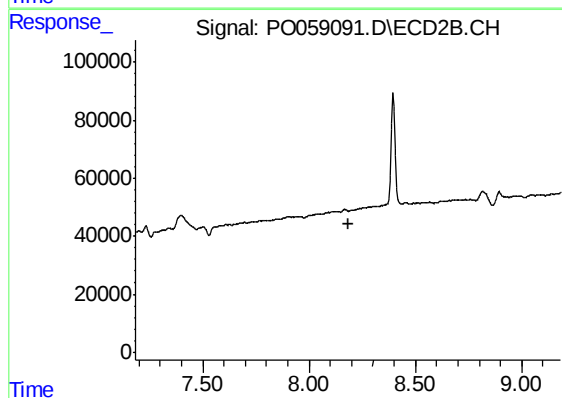
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.368 min
Delta R.T.: -0.009 min
Response: 30741
Conc: 1.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SP-13



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.