

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082919\
 Data File : P0060005.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 11:34
 Operator : SM/AJ
 Sample : K4571-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 RT-3425

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 00:56:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.127	3.499	858496	749996	24.520	20.836
2)	SA Decachlor...	9.591	8.357	932025	688115	17.519	17.066
Target Compounds							
3)	L1 AR-1016-1	5.278	4.566	12147	20299	7.574	15.015 #
4)	L1 AR-1016-2	5.298	4.566	28371	20299	11.858	10.134
5)	L1 AR-1016-3	5.353	4.779	10420	60741	6.996	56.145 #
6)	L1 AR-1016-4	5.425	4.779	1116	60741	0.922	67.266 #
7)	L1 AR-1016-5	5.779	4.987	-35028	45882	N.D.	39.831 #
8)	L2 AR-1221-1	4.367	0.000	326	0	0.769	N.D. #
9)	L2 AR-1221-2	4.427	3.792	10801	14653	33.255	48.103 #
10)	L2 AR-1221-3	4.492	3.907	3565	62333	3.389	63.706 #
11)	L3 AR-1232-1	4.492	3.907	3565	62333	2.860	54.672 #
12)	L3 AR-1232-2	5.012	4.566	8239	20299	11.664	15.939 #
13)	L3 AR-1232-3	5.298	4.779	28371	60741	18.526	89.205 #
14)	L3 AR-1232-4	5.542	4.818	79968	20628	102.277	33.813 #
15)	L3 AR-1232-5	5.585	4.987	30285	45882	50.381	67.401 #
16)	L4 AR-1242-1	5.298	4.566	28371	20299	22.348	19.734
17)	L4 AR-1242-2	5.298	4.566	28371	20299	15.289	13.328
18)	L4 AR-1242-3	5.353	4.779	10420	60741	8.915	72.700 #
19)	L4 AR-1242-4	5.542	4.818	79968	20628	82.622	24.722 #
20)	L4 AR-1242-5	6.179	5.330	146168	250256	116.320	223.722 #
21)	L5 AR-1248-1	5.278	4.566	12147	20299	12.116	24.516 #
22)	L5 AR-1248-2	5.542	4.779	79968	60741	55.116	52.675
23)	L5 AR-1248-3	5.666	4.818	848	20628	0.510	17.367 #
24)	L5 AR-1248-4	6.141	4.987	130370	45882	63.779	31.576 #
25)	L5 AR-1248-5	6.179	5.330	146168	250256	73.708	174.847 #
26)	L6 AR-1254-1	6.112	5.330	303707	250256	145.564	105.513 #
27)	L6 AR-1254-2	6.327	5.474	531198	307178	159.220	146.394
28)	L6 AR-1254-3	6.692	5.869	816865	619638	230.203	184.279
29)	L6 AR-1254-4	6.975	6.096	794392	523023	269.694	253.670
30)	L6 AR-1254-5	7.390	6.505	894651	880674	289.307	283.633
31)	L7 AR-1260-1	6.850	5.995	308223	311837	114.334	136.836
32)	L7 AR-1260-2	7.105	6.182	533528	359671	143.789	122.760
33)	L7 AR-1260-3	7.453	6.330	173734	300484	53.027	113.427 #
34)	L7 AR-1260-4	7.681	6.793	480096	49694	156.316	21.964 #
35)	L7 AR-1260-5	7.992	7.036	452187	138086	63.860	25.091 #
36)	L8 AR-1262-1	7.517	6.505	82442	880674	16.988	236.261 #
37)	L8 AR-1262-2	8.040	7.036	76495	138086	9.914	23.488 #
38)	L8 AR-1262-3	8.294	7.309	286259	13252	56.104	5.215 #
39)	L8 AR-1262-4	8.335	7.375	246357	142245	63.910	32.190 #
40)	L8 AR-1262-5	8.946	7.868	241930	40250	94.262	22.292 #
41)	L9 AR-1268-1	8.294	7.309	286259	13252	30.419	1.861 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
Data File : P0060005.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2019 11:34
Operator : SM/AJ
Sample : K4571-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

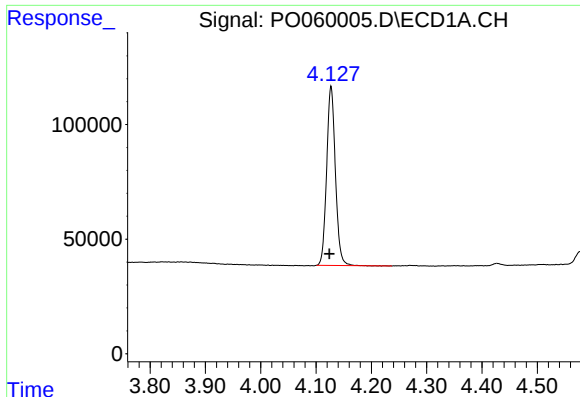
Instrument :
ECD_O
ClientSampleId :
RT-3425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 00:56:58 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 13:30:59 2019
Response via : Initial Calibration
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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
42)	L9 AR-1268-2	8.335	7.375	246357	142245	31.253	22.060 #
43)	L9 AR-1268-3	8.594	7.620	610498	92952	86.610	16.988 #
44)	L9 AR-1268-4	8.946	7.868	241930	40250	87.024	19.718 #
45)	L9 AR-1268-5	9.329	8.132	249100	42160	13.507	2.902 #

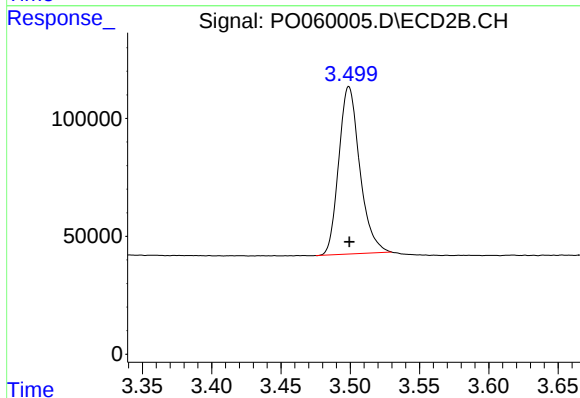
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

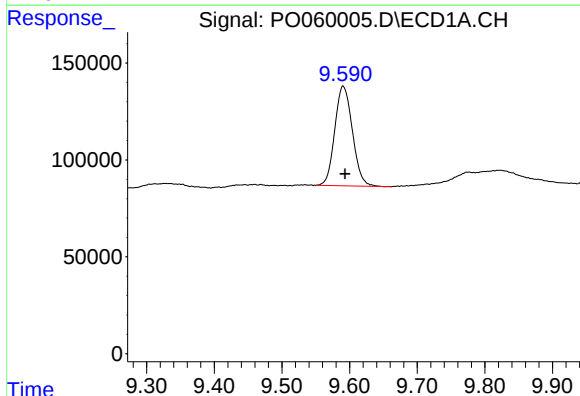
R.T.: 4.127 min
Delta R.T.: 0.003 min
Response: 858496
Conc: 24.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



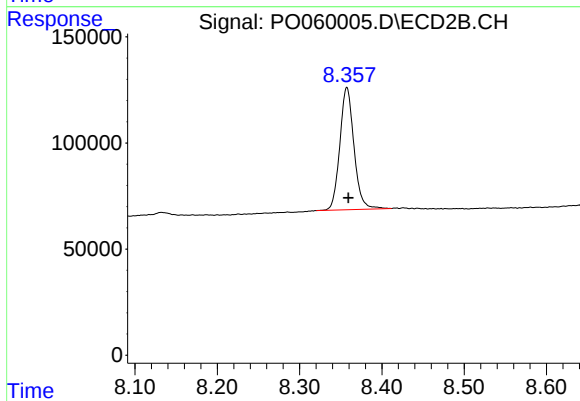
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 749996
Conc: 20.84 ng/ml



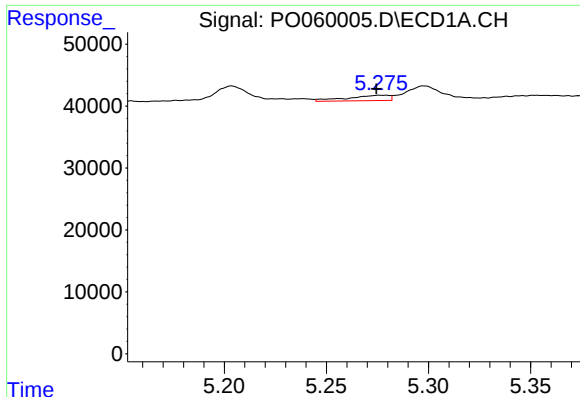
#2 Decachlorobiphenyl

R.T.: 9.591 min
Delta R.T.: -0.002 min
Response: 932025
Conc: 17.52 ng/ml



#2 Decachlorobiphenyl

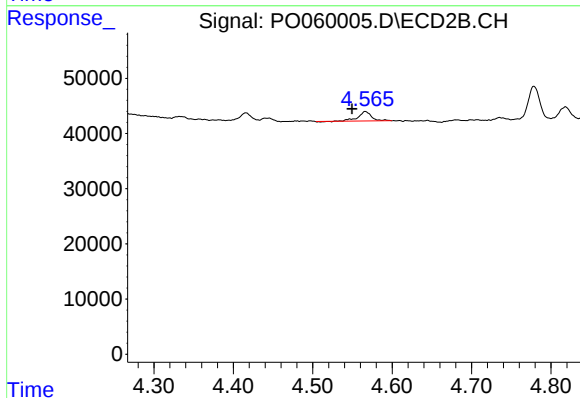
R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 688115
Conc: 17.07 ng/ml



#3 AR-1016-1

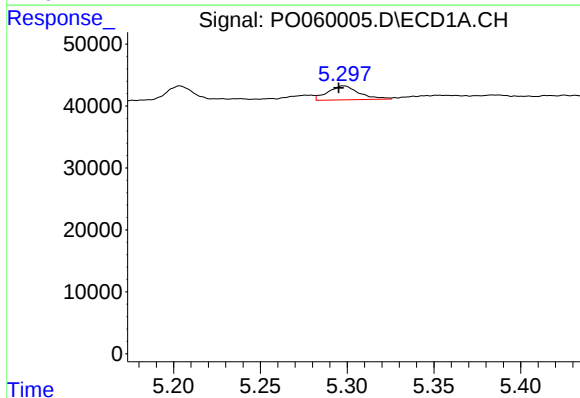
R.T.: 5.278 min
Delta R.T.: 0.003 min
Response: 12147
Conc: 7.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



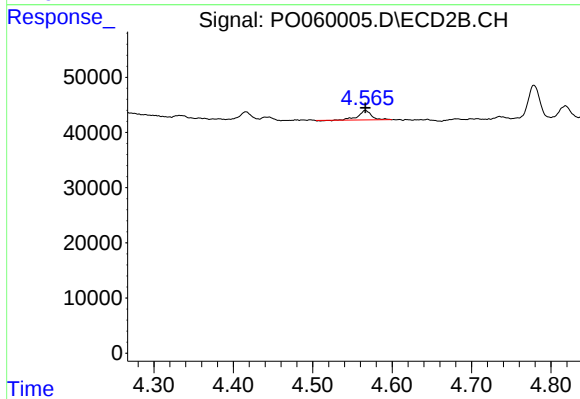
#3 AR-1016-1

R.T.: 4.566 min
Delta R.T.: 0.017 min
Response: 20299
Conc: 15.02 ng/ml



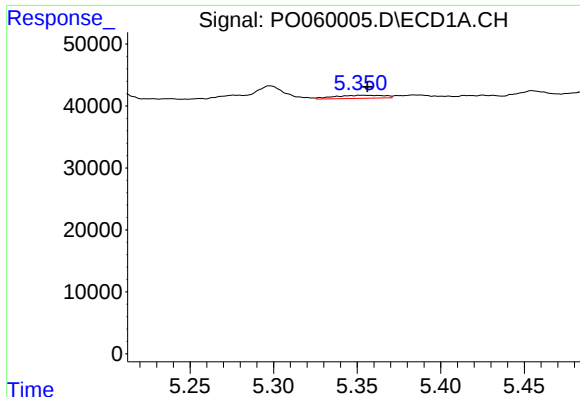
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 28371
Conc: 11.86 ng/ml



#4 AR-1016-2

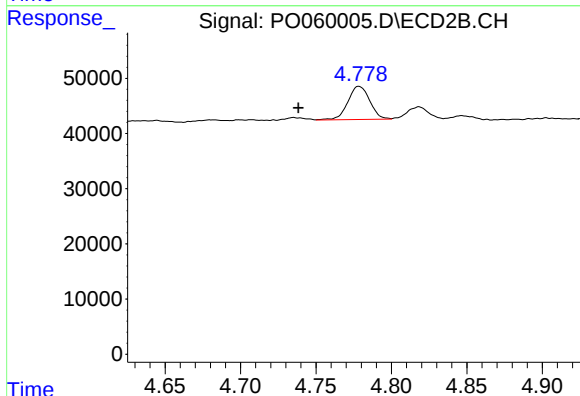
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 20299
Conc: 10.13 ng/ml



#5 AR-1016-3

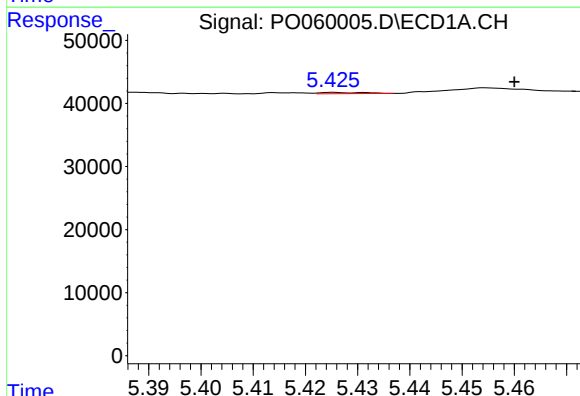
R.T.: 5.353 min
Delta R.T.: -0.003 min
Response: 10420
Conc: 7.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



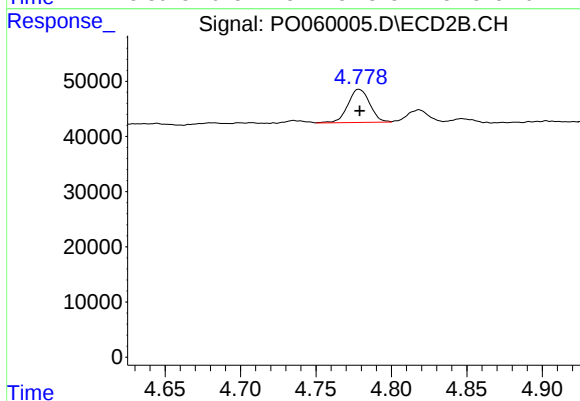
#5 AR-1016-3

R.T.: 4.779 min
Delta R.T.: 0.040 min
Response: 60741
Conc: 56.14 ng/ml



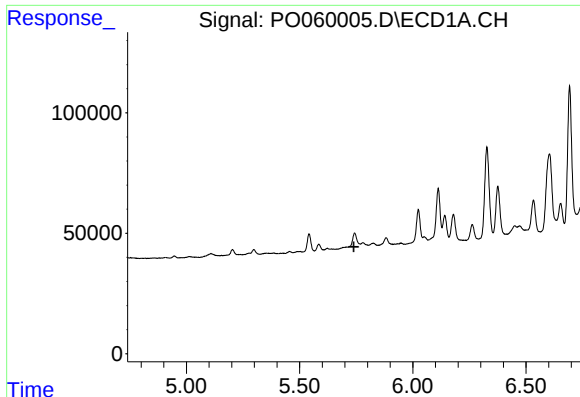
#6 AR-1016-4

R.T.: 5.425 min
Delta R.T.: -0.035 min
Response: 1116
Conc: 0.92 ng/ml



#6 AR-1016-4

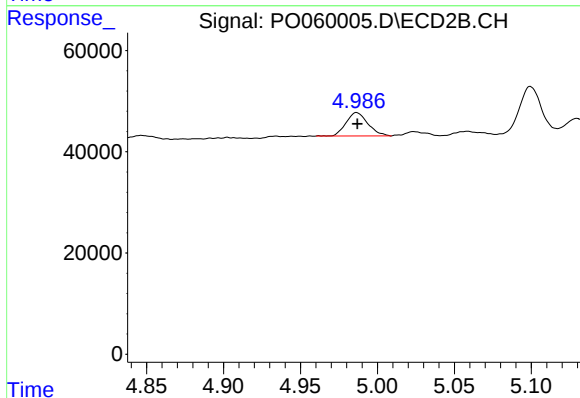
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 60741
Conc: 67.27 ng/ml



#7 AR-1016-5

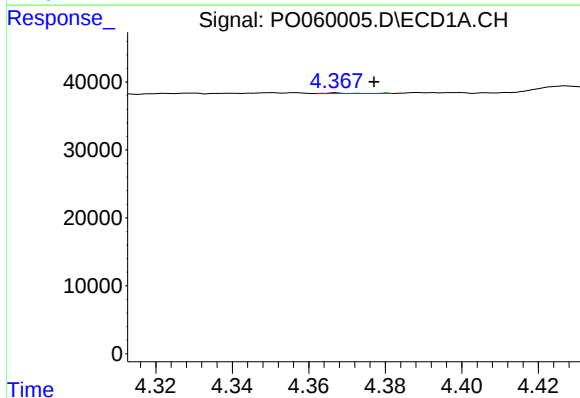
R.T.: 5.779 min
Delta R.T.: 0.039 min
Response: -35028
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RT-3425



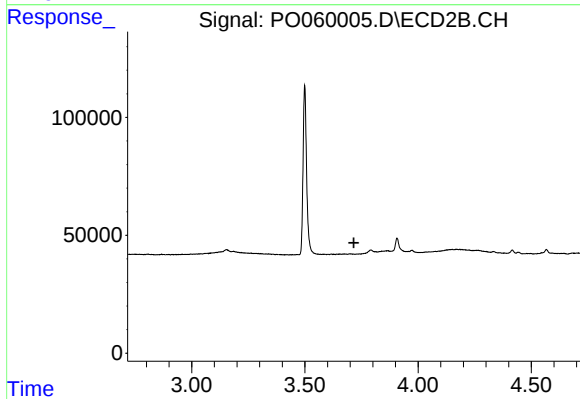
#7 AR-1016-5

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 45882
Conc: 39.83 ng/ml



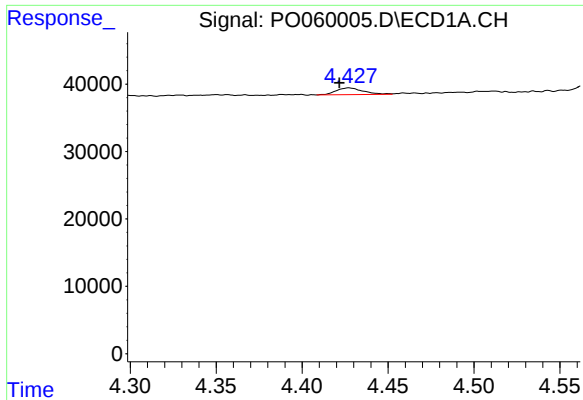
#8 AR-1221-1

R.T.: 4.367 min
Delta R.T.: -0.010 min
Response: 326
Conc: 0.77 ng/ml



#8 AR-1221-1

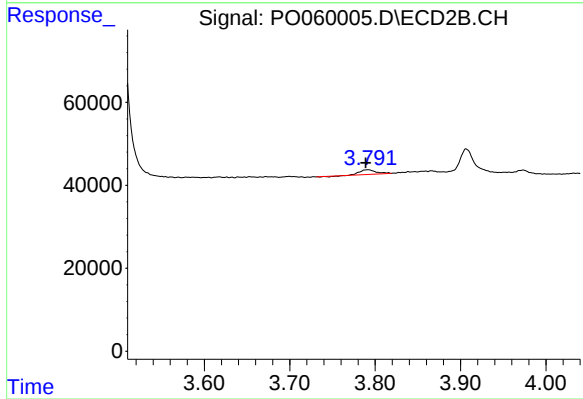
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

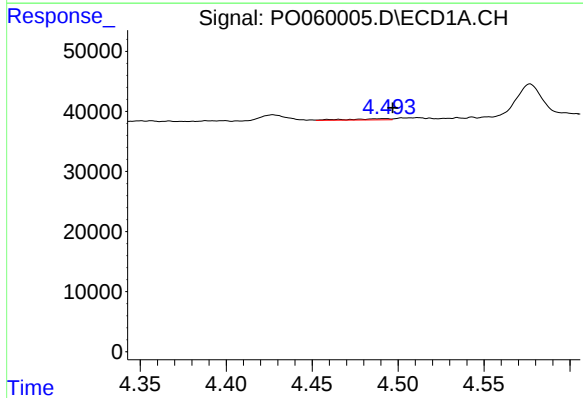
R.T.: 4.427 min
Delta R.T.: 0.005 min
Response: 10801
Conc: 33.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



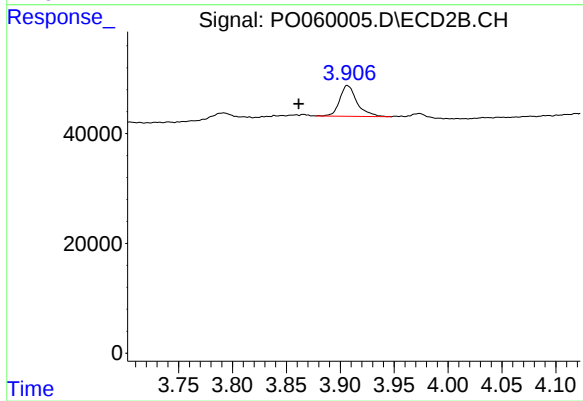
#9 AR-1221-2

R.T.: 3.792 min
Delta R.T.: 0.003 min
Response: 14653
Conc: 48.10 ng/ml



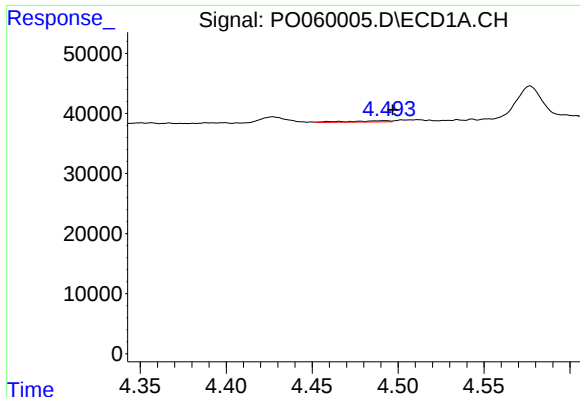
#10 AR-1221-3

R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 3565
Conc: 3.39 ng/ml



#10 AR-1221-3

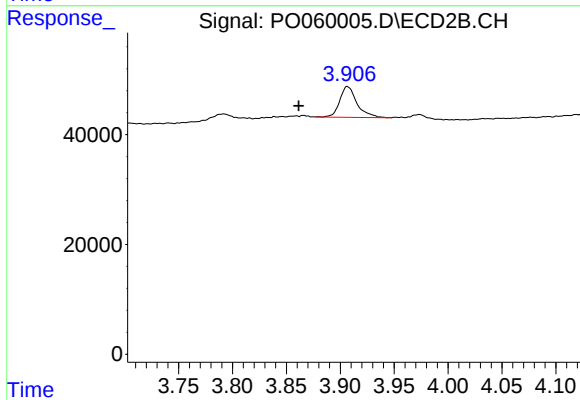
R.T.: 3.907 min
Delta R.T.: 0.045 min
Response: 62333
Conc: 63.71 ng/ml



#11 AR-1232-1

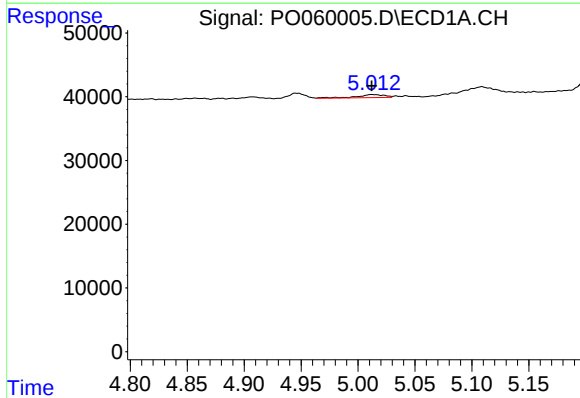
R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 3565
Conc: 2.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



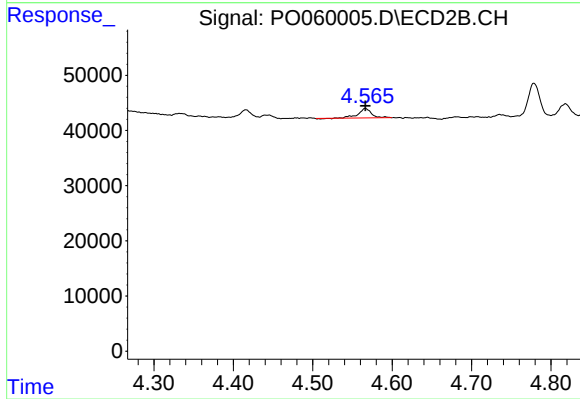
#11 AR-1232-1

R.T.: 3.907 min
Delta R.T.: 0.045 min
Response: 62333
Conc: 54.67 ng/ml



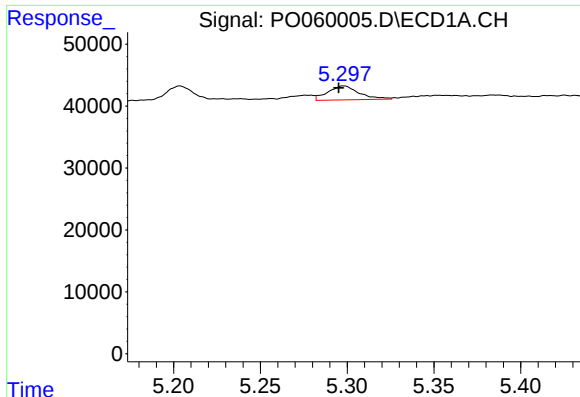
#12 AR-1232-2

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 8239
Conc: 11.66 ng/ml



#12 AR-1232-2

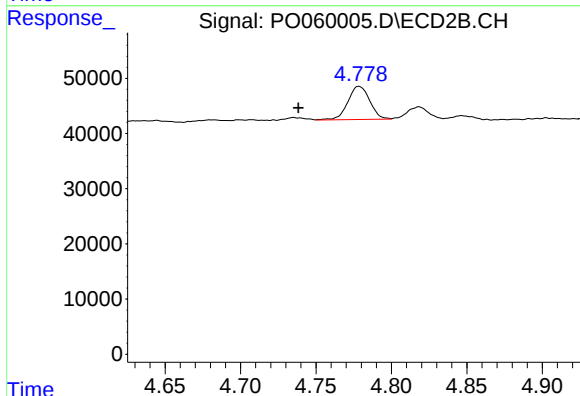
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 20299
Conc: 15.94 ng/ml



#13 AR-1232-3

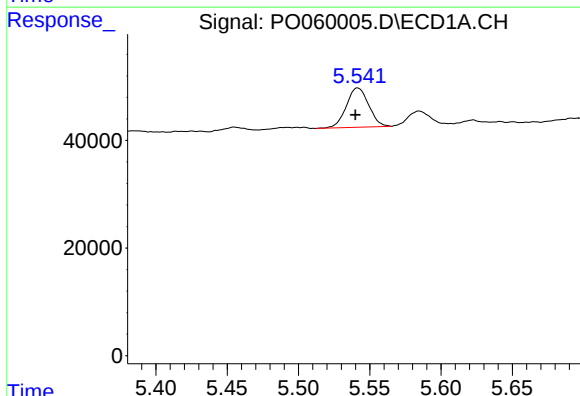
R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 28371
Conc: 18.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



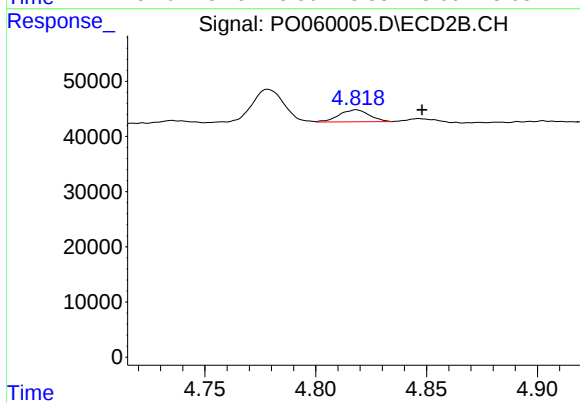
#13 AR-1232-3

R.T.: 4.779 min
Delta R.T.: 0.040 min
Response: 60741
Conc: 89.21 ng/ml



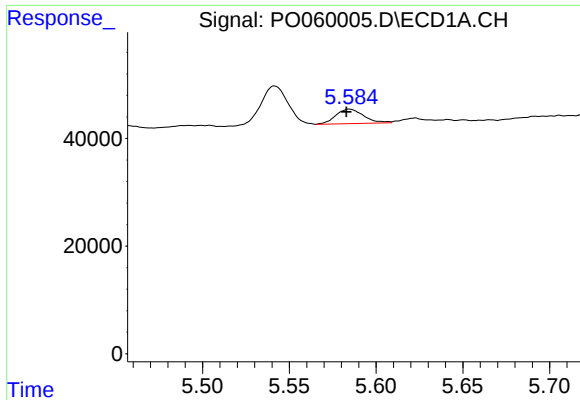
#14 AR-1232-4

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 79968
Conc: 102.28 ng/ml



#14 AR-1232-4

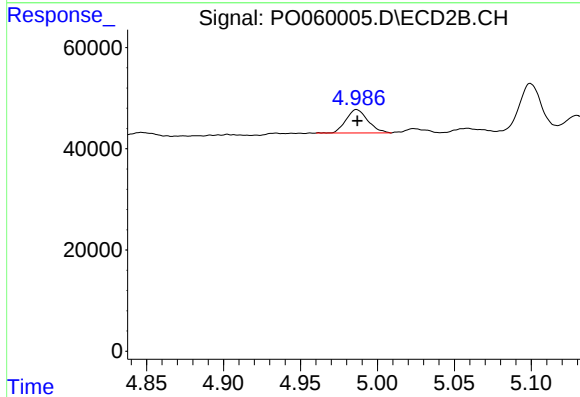
R.T.: 4.818 min
Delta R.T.: -0.030 min
Response: 20628
Conc: 33.81 ng/ml



#15 AR-1232-5

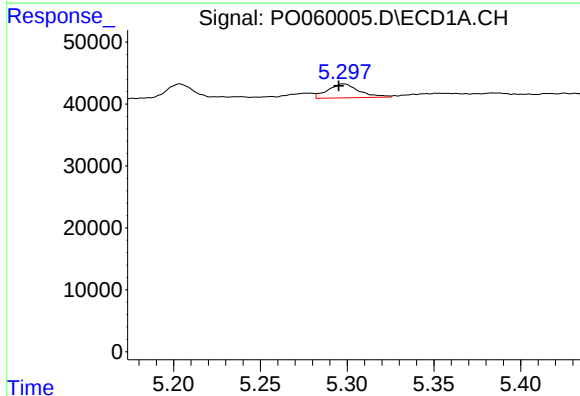
R.T.: 5.585 min
Delta R.T.: 0.002 min
Response: 30285
Conc: 50.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



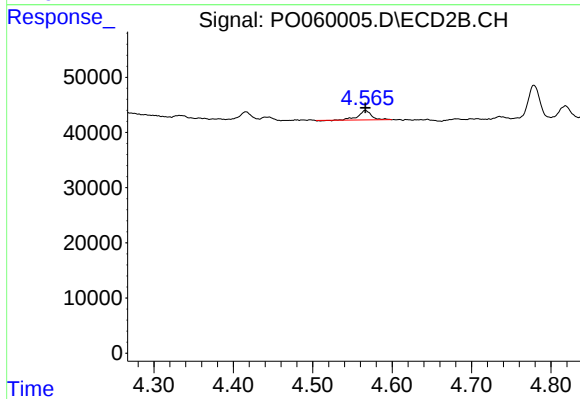
#15 AR-1232-5

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 45882
Conc: 67.40 ng/ml



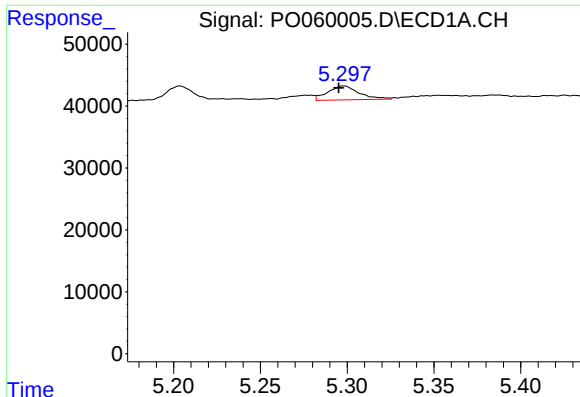
#16 AR-1242-1

R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 28371
Conc: 22.35 ng/ml



#16 AR-1242-1

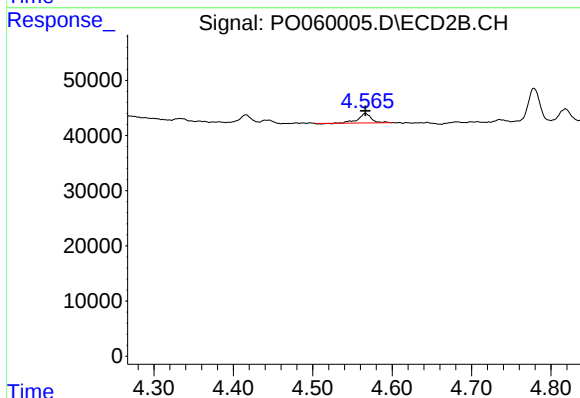
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 20299
Conc: 19.73 ng/ml



#17 AR-1242-2

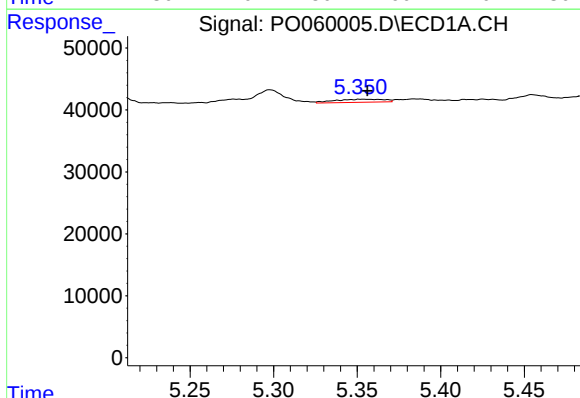
R.T.: 5.298 min
Delta R.T.: 0.003 min
Response: 28371
Conc: 15.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



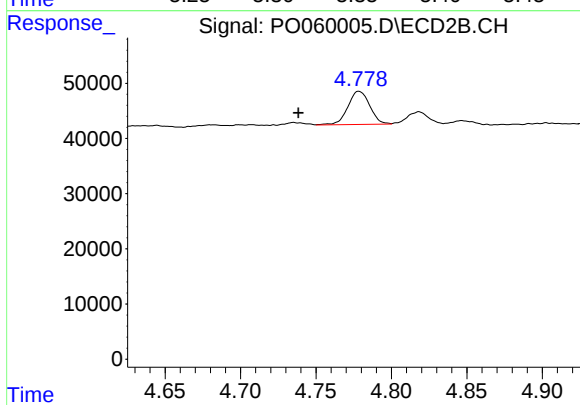
#17 AR-1242-2

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 20299
Conc: 13.33 ng/ml



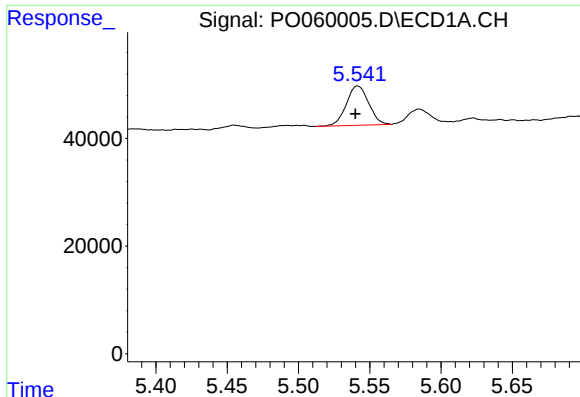
#18 AR-1242-3

R.T.: 5.353 min
Delta R.T.: -0.003 min
Response: 10420
Conc: 8.91 ng/ml



#18 AR-1242-3

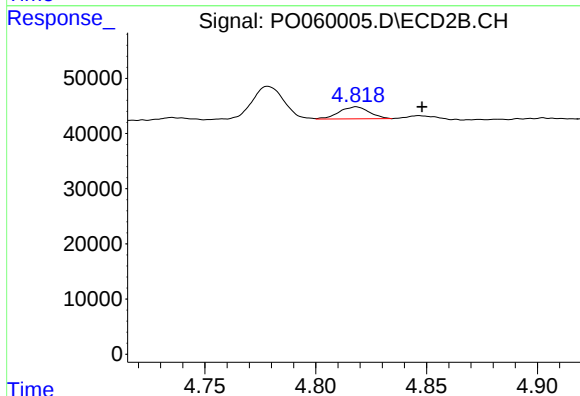
R.T.: 4.779 min
Delta R.T.: 0.040 min
Response: 60741
Conc: 72.70 ng/ml



#19 AR-1242-4

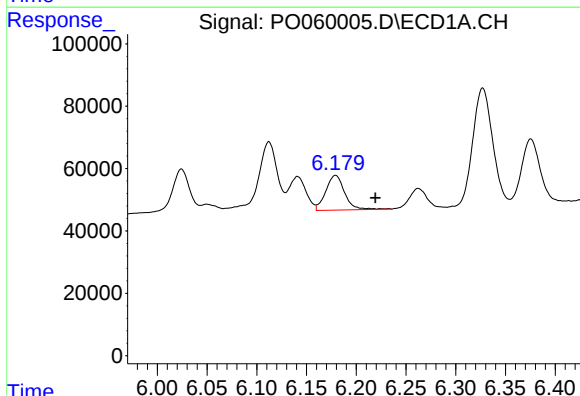
R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 79968
Conc: 82.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



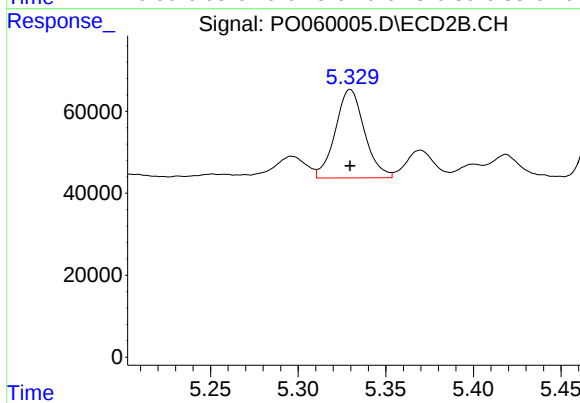
#19 AR-1242-4

R.T.: 4.818 min
Delta R.T.: -0.030 min
Response: 20628
Conc: 24.72 ng/ml



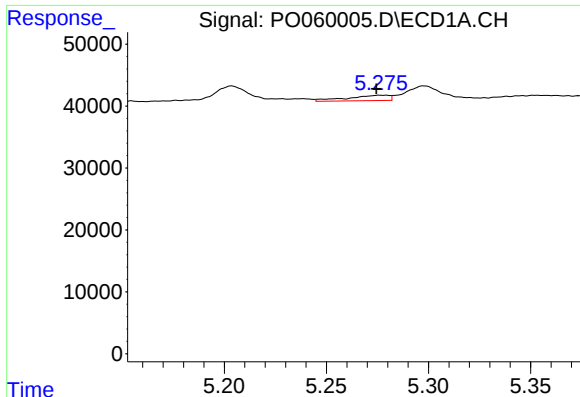
#20 AR-1242-5

R.T.: 6.179 min
Delta R.T.: -0.040 min
Response: 146168
Conc: 116.32 ng/ml



#20 AR-1242-5

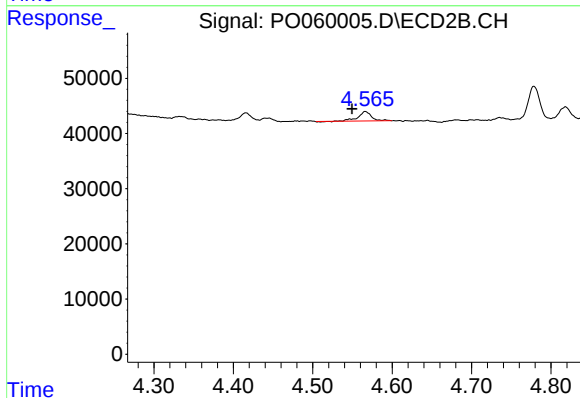
R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 250256
Conc: 223.72 ng/ml



#21 AR-1248-1

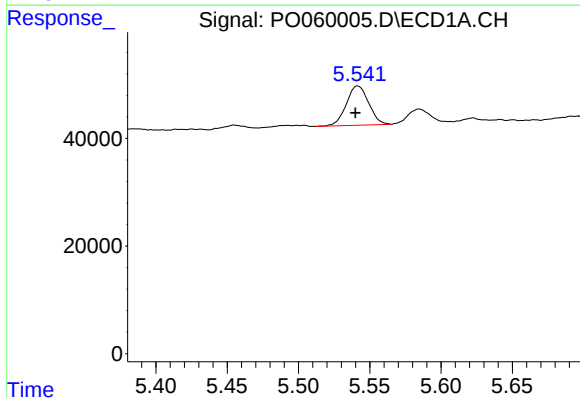
R.T.: 5.278 min
Delta R.T.: 0.003 min
Response: 12147
Conc: 12.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



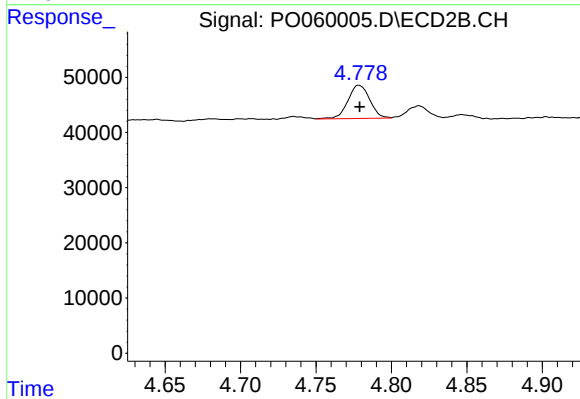
#21 AR-1248-1

R.T.: 4.566 min
Delta R.T.: 0.017 min
Response: 20299
Conc: 24.52 ng/ml



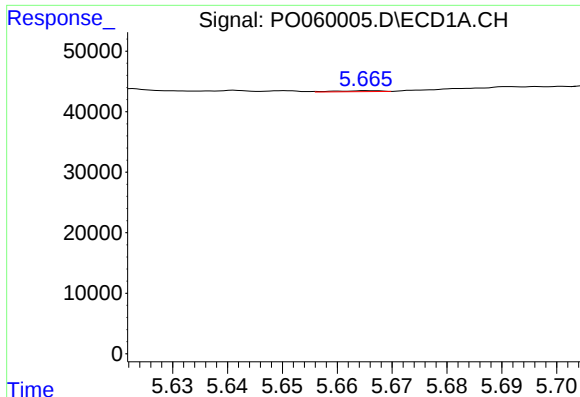
#22 AR-1248-2

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 79968
Conc: 55.12 ng/ml



#22 AR-1248-2

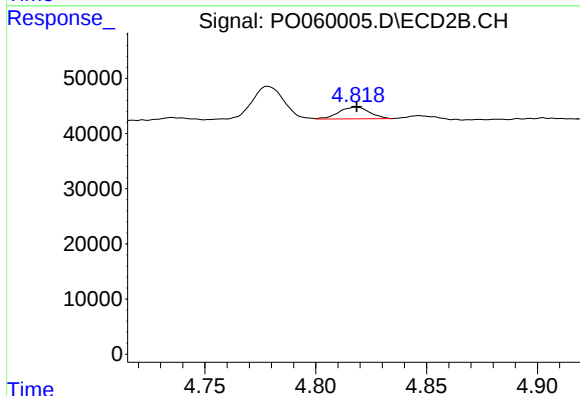
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 60741
Conc: 52.67 ng/ml



#23 AR-1248-3

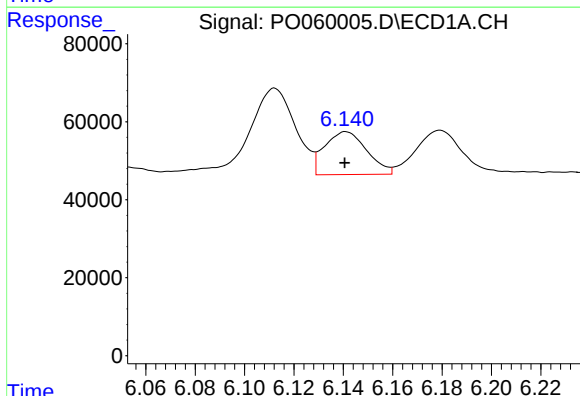
R.T.: 5.666 min
Delta R.T.: -0.040 min
Response: 848
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



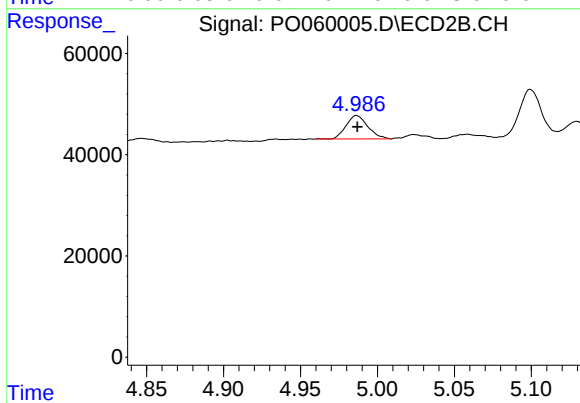
#23 AR-1248-3

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 20628
Conc: 17.37 ng/ml



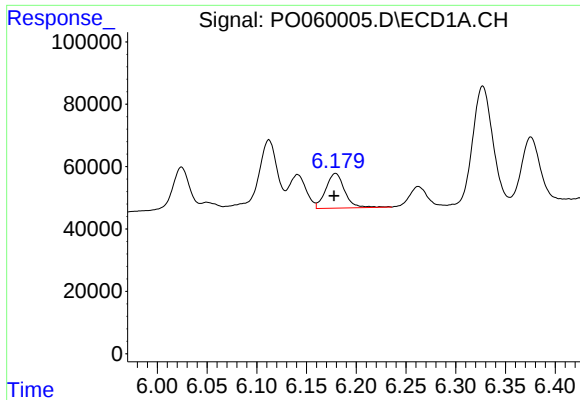
#24 AR-1248-4

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 130370
Conc: 63.78 ng/ml



#24 AR-1248-4

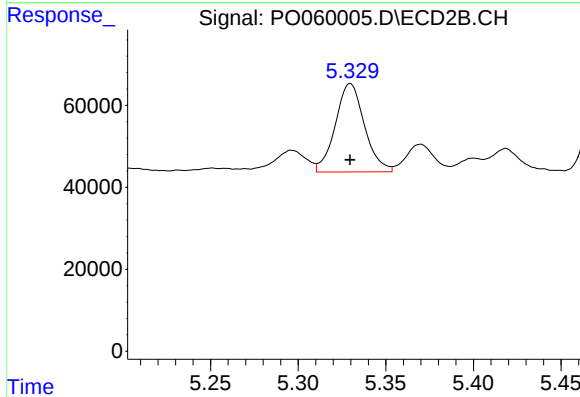
R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 45882
Conc: 31.58 ng/ml



#25 AR-1248-5

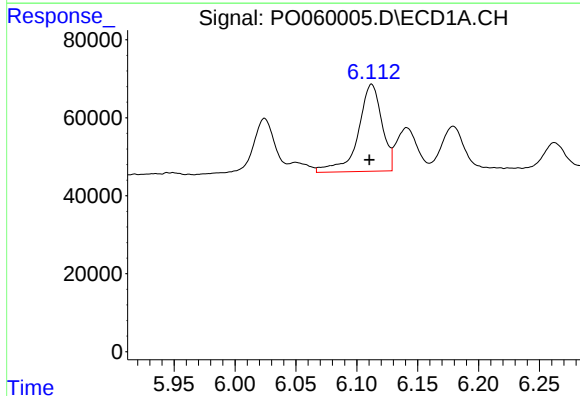
R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 146168
Conc: 73.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



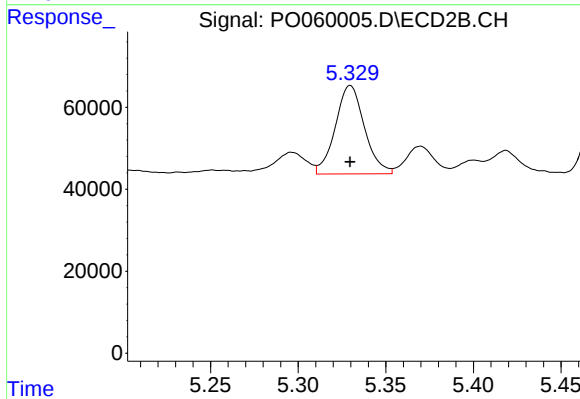
#25 AR-1248-5

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 250256
Conc: 174.85 ng/ml



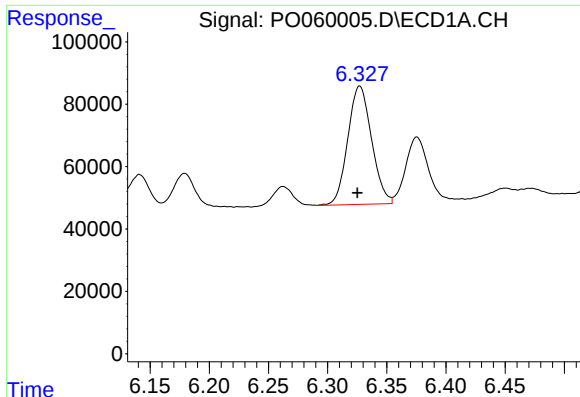
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 303707
Conc: 145.56 ng/ml



#26 AR-1254-1

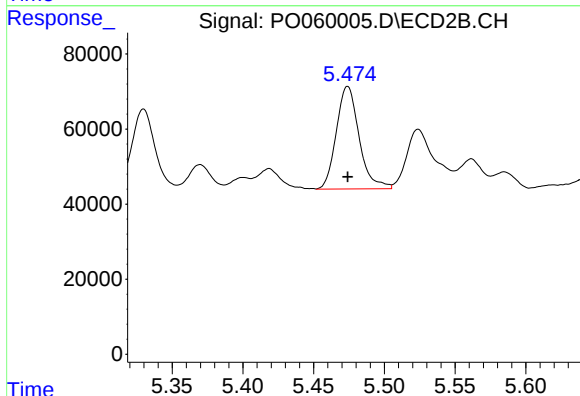
R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 250256
Conc: 105.51 ng/ml



#27 AR-1254-2

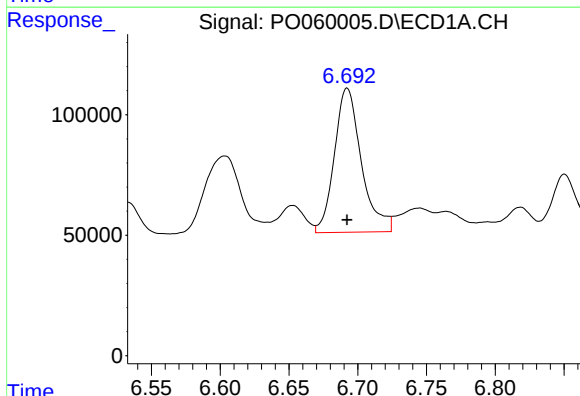
R.T.: 6.327 min
Delta R.T.: 0.002 min
Response: 531198
Conc: 159.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



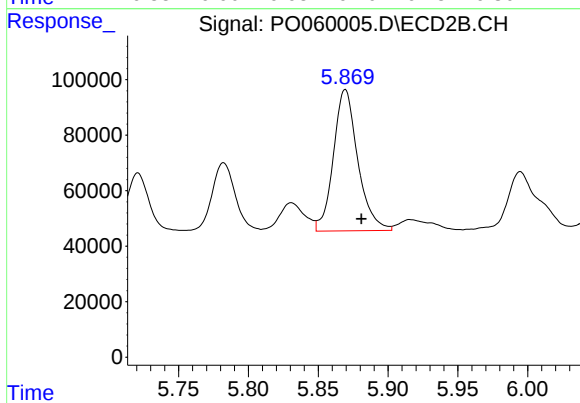
#27 AR-1254-2

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 307178
Conc: 146.39 ng/ml



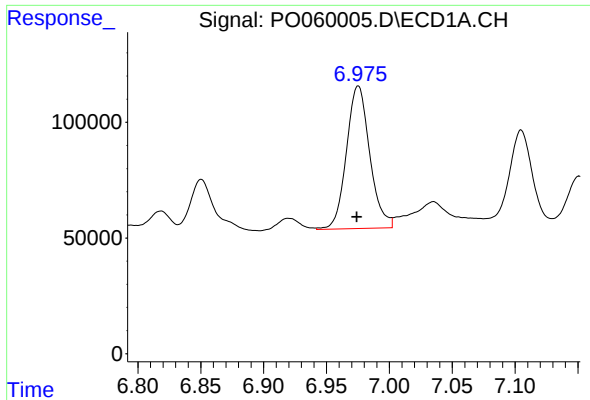
#28 AR-1254-3

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 816865
Conc: 230.20 ng/ml



#28 AR-1254-3

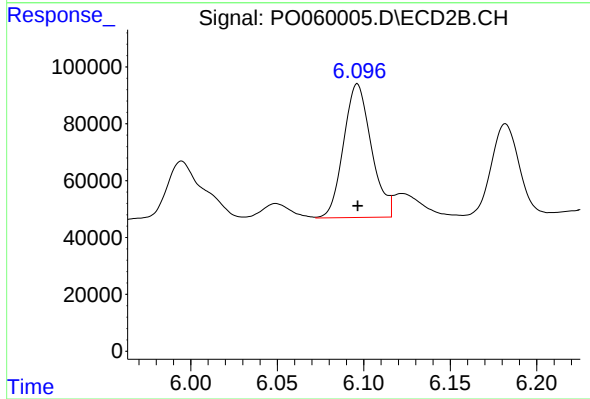
R.T.: 5.869 min
Delta R.T.: -0.011 min
Response: 619638
Conc: 184.28 ng/ml



#29 AR-1254-4

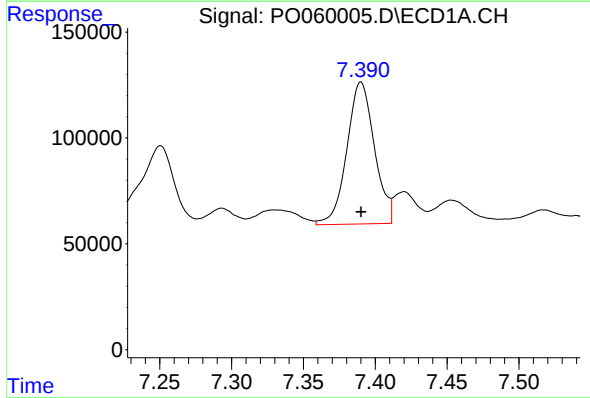
R.T.: 6.975 min
Delta R.T.: 0.001 min
Response: 794392
Conc: 269.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



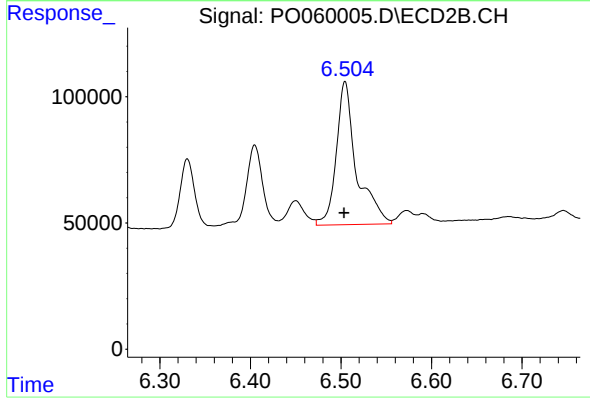
#29 AR-1254-4

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 523023
Conc: 253.67 ng/ml



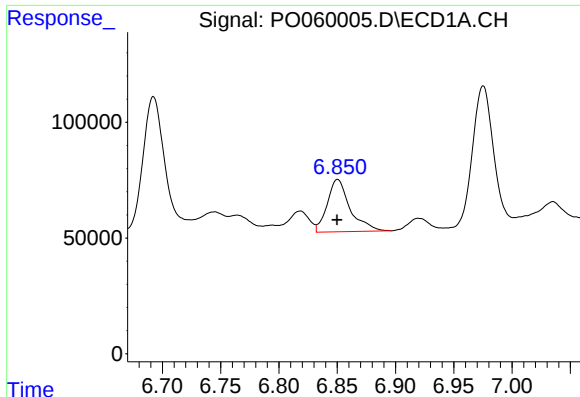
#30 AR-1254-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 894651
Conc: 289.31 ng/ml



#30 AR-1254-5

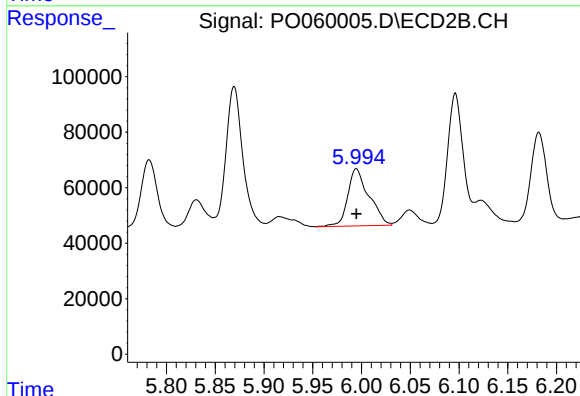
R.T.: 6.505 min
Delta R.T.: 0.001 min
Response: 880674
Conc: 283.63 ng/ml



#31 AR-1260-1

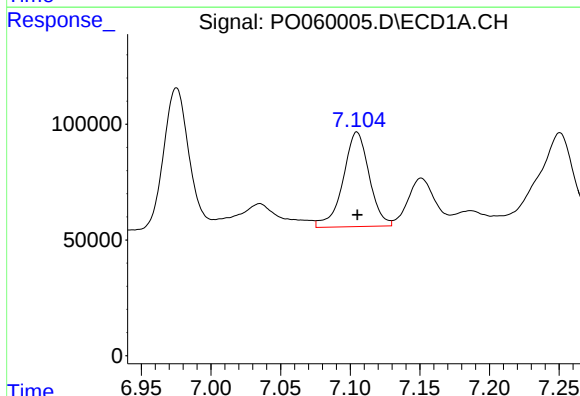
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 308223
Conc: 114.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



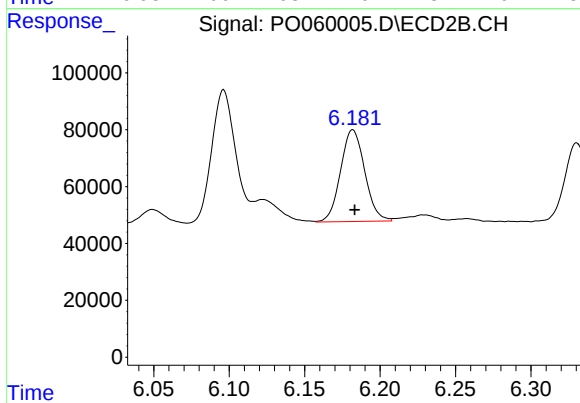
#31 AR-1260-1

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 311837
Conc: 136.84 ng/ml



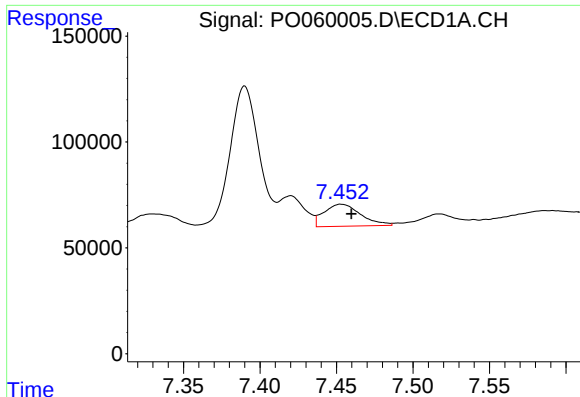
#32 AR-1260-2

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 533528
Conc: 143.79 ng/ml



#32 AR-1260-2

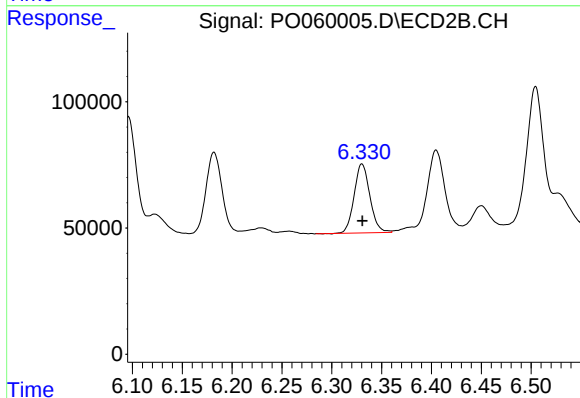
R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 359671
Conc: 122.76 ng/ml



#33 AR-1260-3

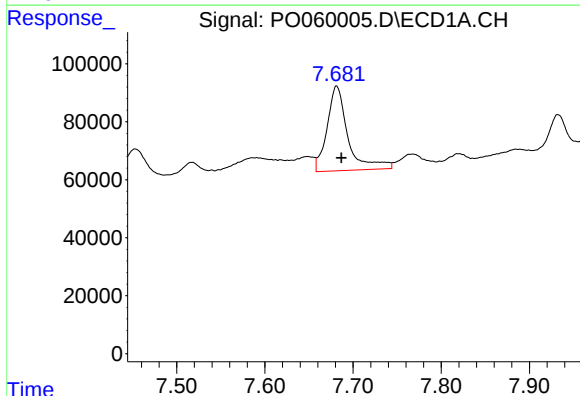
R.T.: 7.453 min
Delta R.T.: -0.007 min
Response: 173734
Conc: 53.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



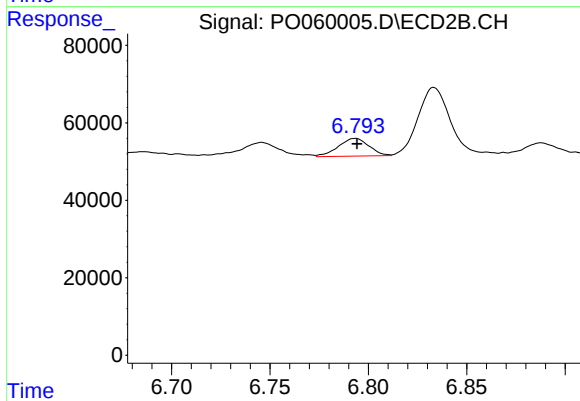
#33 AR-1260-3

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 300484
Conc: 113.43 ng/ml



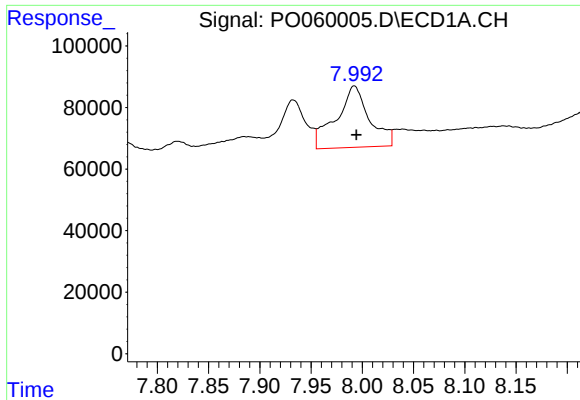
#34 AR-1260-4

R.T.: 7.681 min
Delta R.T.: -0.005 min
Response: 480096
Conc: 156.32 ng/ml



#34 AR-1260-4

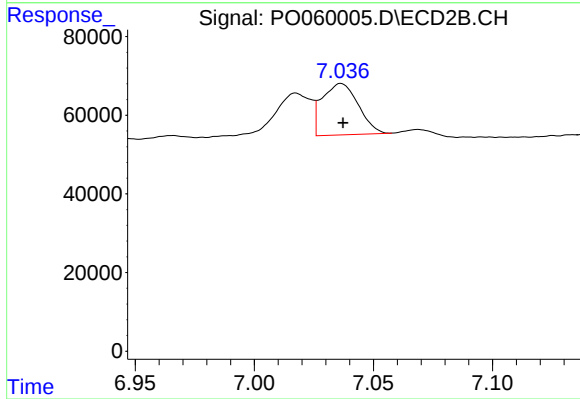
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 49694
Conc: 21.96 ng/ml



#35 AR-1260-5

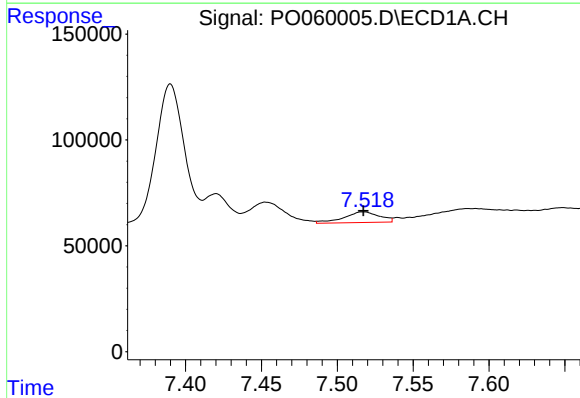
R.T.: 7.992 min
Delta R.T.: -0.002 min
Response: 452187
Conc: 63.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



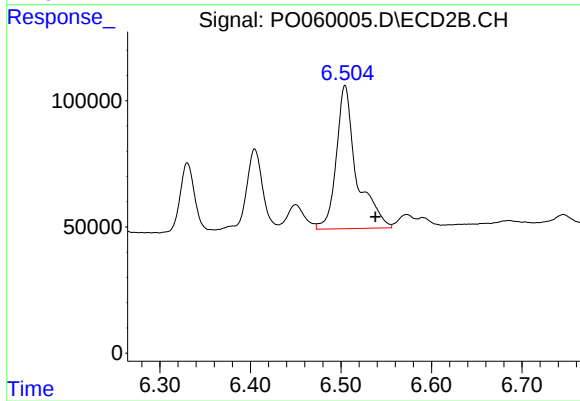
#35 AR-1260-5

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 138086
Conc: 25.09 ng/ml



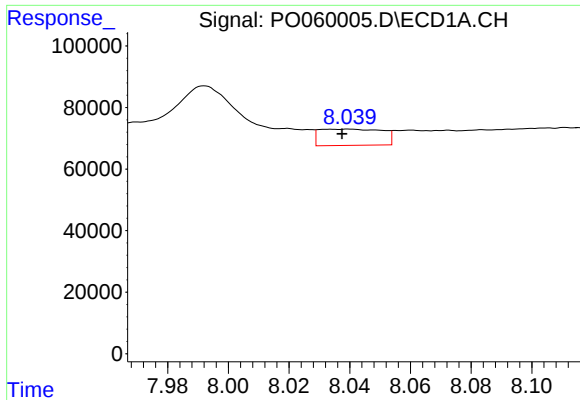
#36 AR-1262-1

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 82442
Conc: 16.99 ng/ml



#36 AR-1262-1

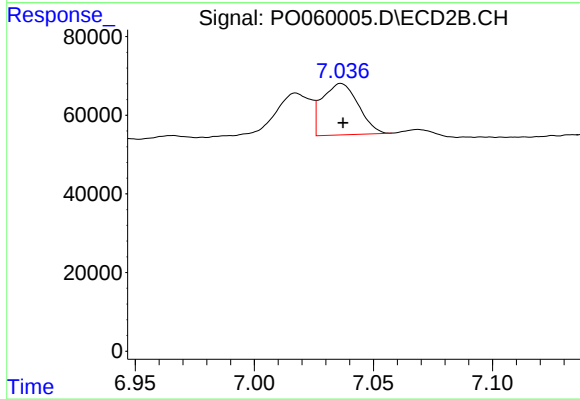
R.T.: 6.505 min
Delta R.T.: -0.033 min
Response: 880674
Conc: 236.26 ng/ml



#37 AR-1262-2

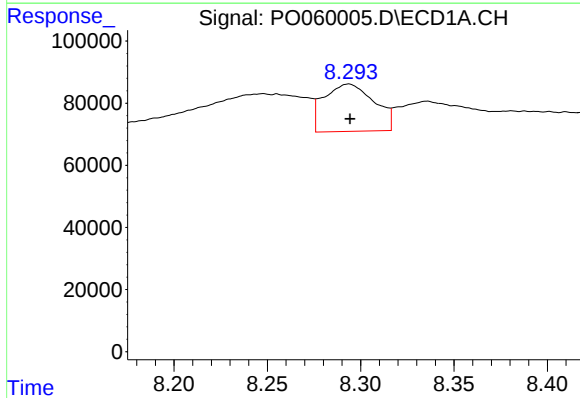
R.T.: 8.040 min
Delta R.T.: 0.002 min
Response: 76495
Conc: 9.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



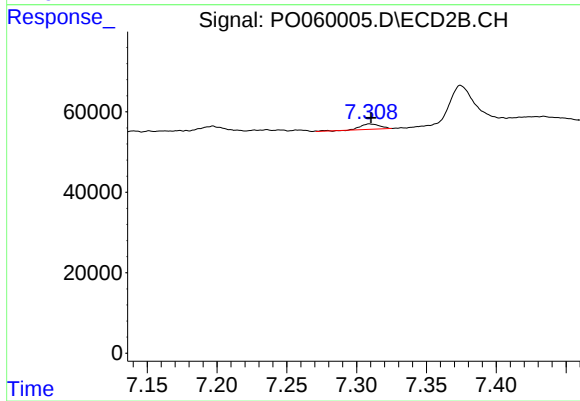
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 138086
Conc: 23.49 ng/ml



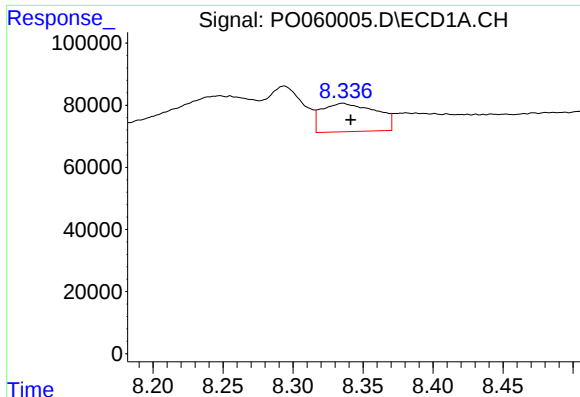
#38 AR-1262-3

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 286259
Conc: 56.10 ng/ml



#38 AR-1262-3

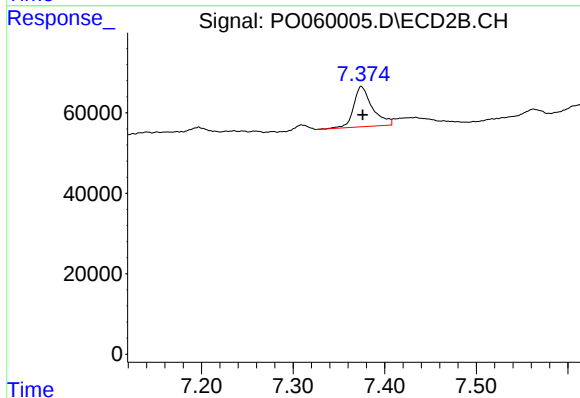
R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 13252
Conc: 5.22 ng/ml



#39 AR-1262-4

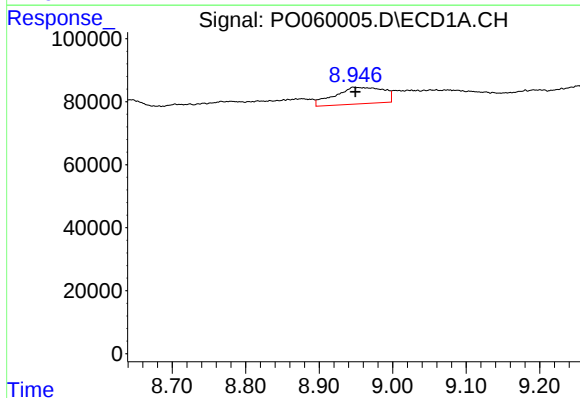
R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 246357
Conc: 63.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



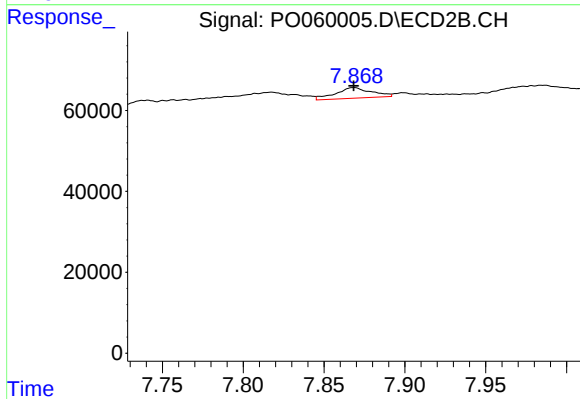
#39 AR-1262-4

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 142245
Conc: 32.19 ng/ml



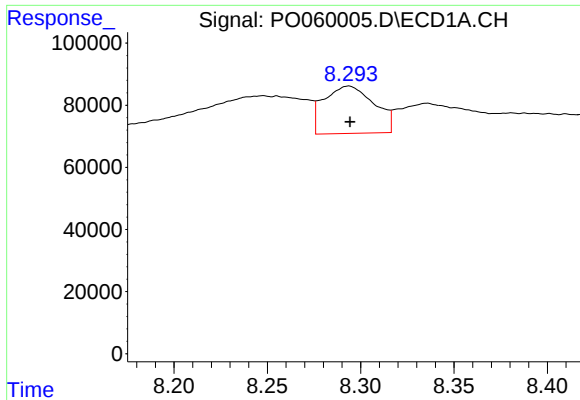
#40 AR-1262-5

R.T.: 8.946 min
Delta R.T.: -0.003 min
Response: 241930
Conc: 94.26 ng/ml



#40 AR-1262-5

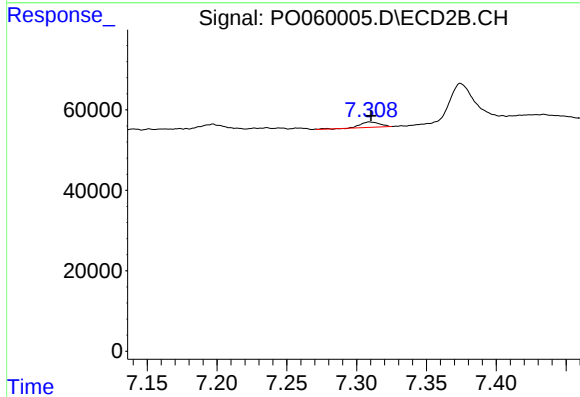
R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 40250
Conc: 22.29 ng/ml



#41 AR-1268-1

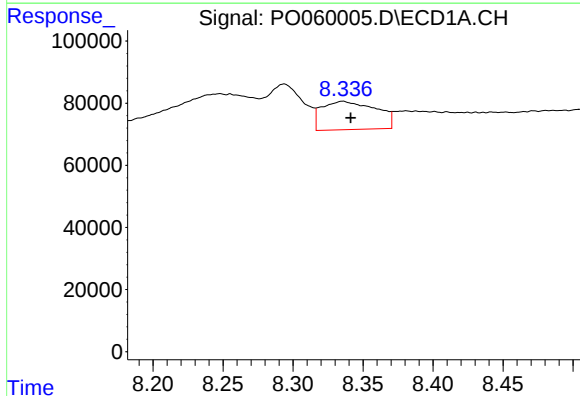
R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 286259
Conc: 30.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



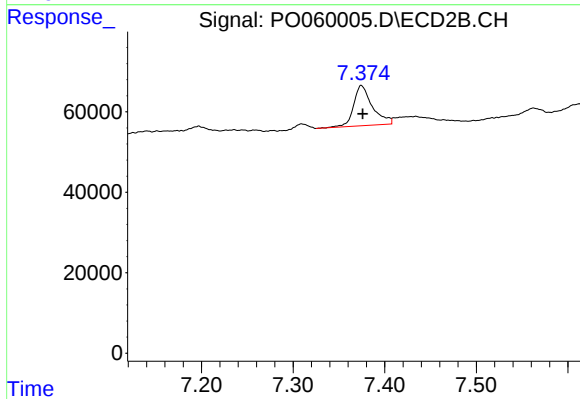
#41 AR-1268-1

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 13252
Conc: 1.86 ng/ml



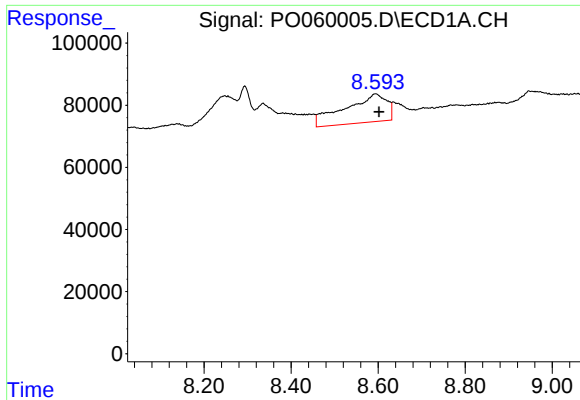
#42 AR-1268-2

R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 246357
Conc: 31.25 ng/ml



#42 AR-1268-2

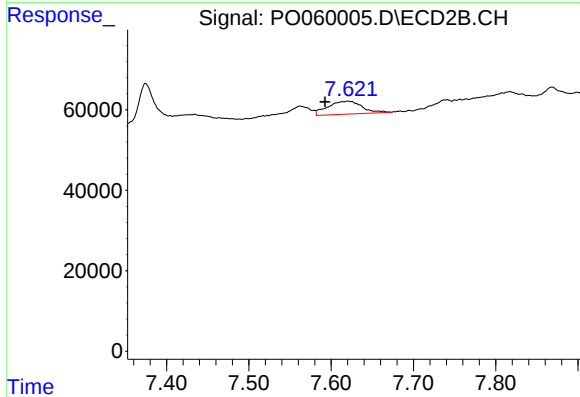
R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 142245
Conc: 22.06 ng/ml



#43 AR-1268-3

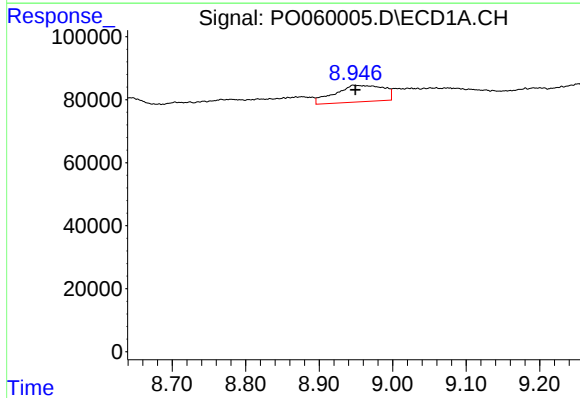
R.T.: 8.594 min
Delta R.T.: -0.008 min
Response: 610498
Conc: 86.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



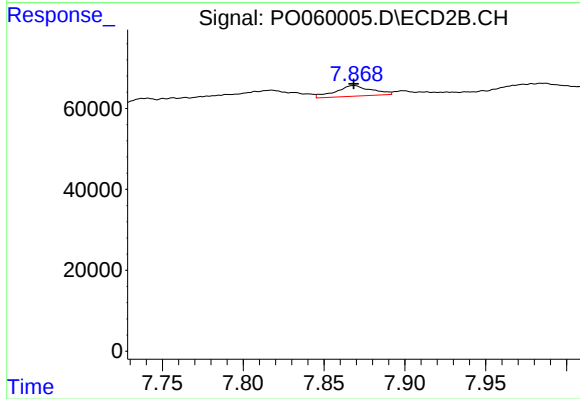
#43 AR-1268-3

R.T.: 7.620 min
Delta R.T.: 0.028 min
Response: 92952
Conc: 16.99 ng/ml



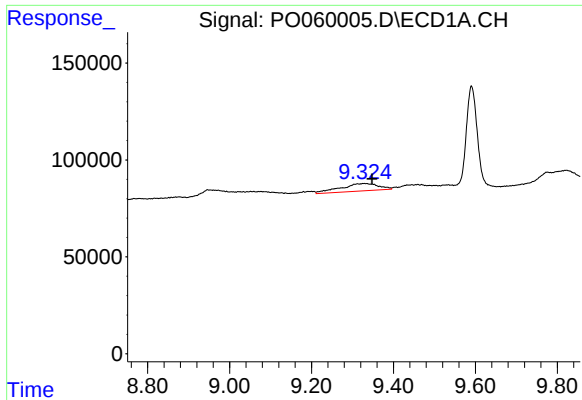
#44 AR-1268-4

R.T.: 8.946 min
Delta R.T.: -0.003 min
Response: 241930
Conc: 87.02 ng/ml



#44 AR-1268-4

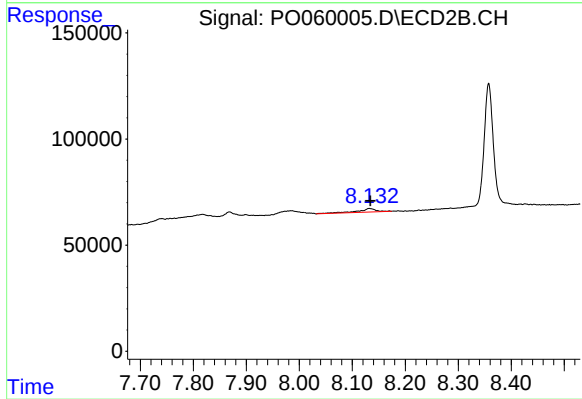
R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 40250
Conc: 19.72 ng/ml



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.018 min
Response: 249100
Conc: 13.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3425



#45 AR-1268-5

R.T.: 8.132 min
Delta R.T.: -0.002 min
Response: 42160
Conc: 2.90 ng/ml