

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
 Data File : PQ040541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2019 20:50
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254355

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:26:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.580	4.724	73019754	57964334	22.290	26.988
2)	SA Decachlor...	11.874	10.439	287.0E6	170.9E6	40.172	41.110
Target Compounds							
3)	L1 AR-1016-1	7.055	6.167	2376199	1258046	14.204	9.807 #
4)	L1 AR-1016-2	7.055	6.225	2376199	754079	9.038	3.907 #
5)	L1 AR-1016-3	7.127	6.401	2657596	786728	15.571	7.295 #
6)	L1 AR-1016-4	7.237	6.456	1776742	29867155	12.854	350.763 #
7)	L1 AR-1016-5	7.616	6.708	3808380	18924984	27.453	164.365 #
8)	L2 AR-1221-1	0.000	5.022	0	180935	N.D.	7.383 #
9)	L2 AR-1221-2	5.972	5.141	2023249	986222	91.833	60.550 #
10)	L2 AR-1221-3	6.072	5.247	703846	702704	7.967	11.556 #
11)	L3 AR-1232-1	6.072	5.247	703846	702704	10.867	15.335 #
12)	L3 AR-1232-2	0.000	6.225	0	754079	N.D.	12.571 #
13)	L3 AR-1232-3	7.055	6.401	2376199	786728	29.404	22.371
14)	L3 AR-1232-4	7.237	6.540	1776742	1388784	42.507	47.001
15)	L3 AR-1232-5	7.390	6.708	10298306	18924984	324.945	628.646 #
16)	L4 AR-1242-1	7.055	6.167	2376199	1258046	24.508	17.013 #
17)	L4 AR-1242-2	7.055	6.225	2376199	754079	16.442	7.083 #
18)	L4 AR-1242-3	7.127	6.401	2657596	786728	28.549	13.042 #
19)	L4 AR-1242-4	7.237	6.540	1776742	1388784	23.624	23.302
20)	L4 AR-1242-5	8.060	7.116	20533202	79171934	236.848	982.424 #
21)	L5 AR-1248-1	7.055	6.187	2376199	1351821	30.699	23.460
22)	L5 AR-1248-2	7.390	6.456	10298306	29867155	91.433	339.710 #
23)	L5 AR-1248-3	7.616	6.540	3808380	1388784	27.592	15.348 #
24)	L5 AR-1248-4	8.060	6.708	20533202	18924984	136.009	171.376 #
25)	L5 AR-1248-5	8.060	7.198	20533202	8357693	136.380	73.613 #
26)	L6 AR-1254-1	8.017	7.116	32362237	79171934	185.569	413.353 #
27)	L6 AR-1254-2	8.276	7.284	35126785	69301073	127.016	398.901 #
28)	L6 AR-1254-3	8.675	7.731	21968256	115.1E6	74.021	398.149 #
29)	L6 AR-1254-4	8.984	7.981	17148008	85845806	82.510	480.800 #
30)	L6 AR-1254-5	9.358	8.425	119.8E6	107.6E6	415.846	417.785
31)	L7 AR-1260-1	8.788	7.870	50672756	54983553	152.441	200.569 #
32)	L7 AR-1260-2	9.107	8.075	38336222	48677061	94.899	140.719 #
33)	L7 AR-1260-3	9.491	8.237	4937323	47140964	14.967	146.992 #
34)	L7 AR-1260-4	9.664	8.778	38869367	26242095	105.471	96.578
35)	L7 AR-1260-5	10.008	9.025	21270646	4361299	27.622	6.488 #
36)	L8 AR-1262-1	9.542	8.498	1517311	11993549	10.915	105.627 #
37)	L8 AR-1262-2	10.008	9.025	21270646	4361299	36.753	8.790 #
38)	L8 AR-1262-3	10.356	9.279	13329425	740451	31.525	3.522 #
39)	L8 AR-1262-4	10.406	9.346	4526439	13446989	11.984	35.515 #
40)	L8 AR-1262-5	11.110	9.868	1468185	1360718	6.249	8.393 #
41)	L9 AR-1268-1	10.356	9.279	13329425	740451	22.128	1.623 #
42)	L9 AR-1268-2	10.406	9.346	4526439	13446989	7.356	30.758 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
 Data File : PQ040541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2019 20:50
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

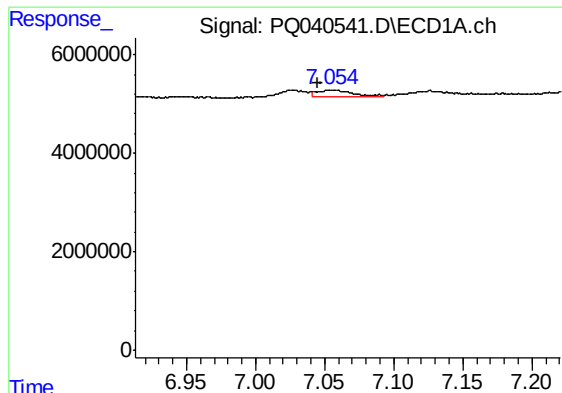
Instrument :
 ECD_Q
 ClientSampleId :
 AR1254355

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:26:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	0.000	9.555	0	419107	N.D.	1.116 #
44) L9	AR-1268-4	11.110	9.868	1468185	1360718	7.198	9.876 #
45) L9	AR-1268-5	11.536	10.174	2399139	1629317	1.298	1.381

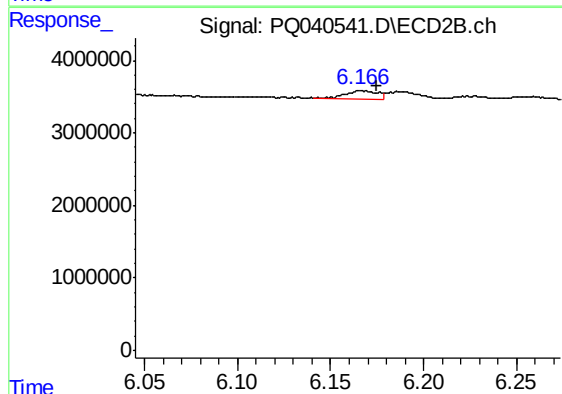
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

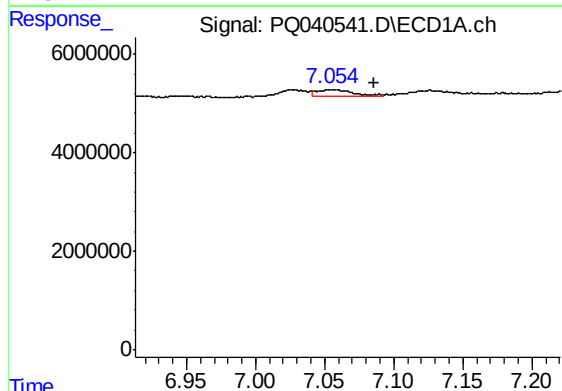
R.T.: 7.055 min
Delta R.T.: 0.010 min
Response: 2376199
Conc: 14.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



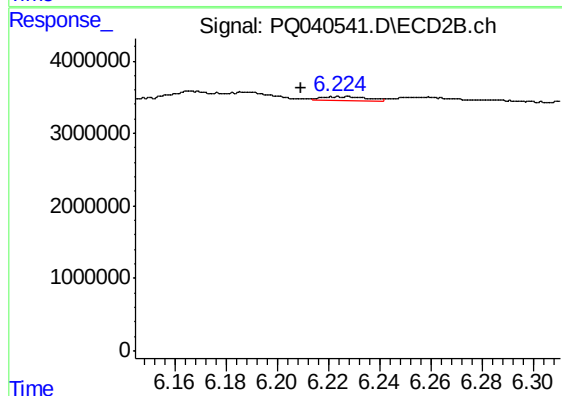
#3 AR-1016-1

R.T.: 6.167 min
Delta R.T.: -0.008 min
Response: 1258046
Conc: 9.81 ng/ml



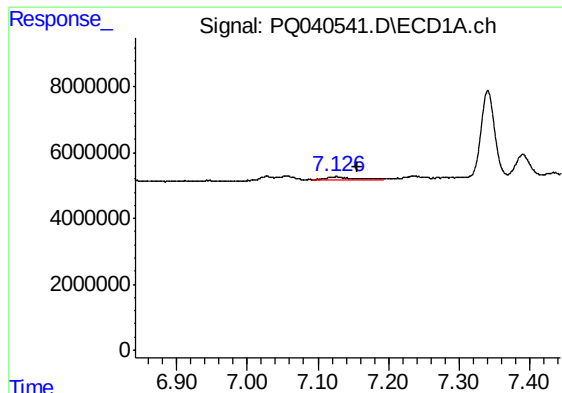
#4 AR-1016-2

R.T.: 7.055 min
Delta R.T.: -0.030 min
Response: 2376199
Conc: 9.04 ng/ml



#4 AR-1016-2

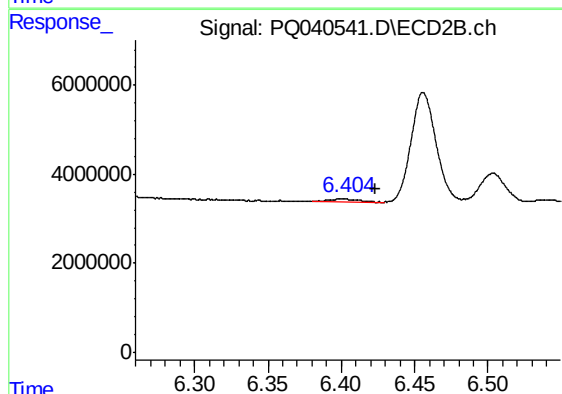
R.T.: 6.225 min
Delta R.T.: 0.016 min
Response: 754079
Conc: 3.91 ng/ml



#5 AR-1016-3

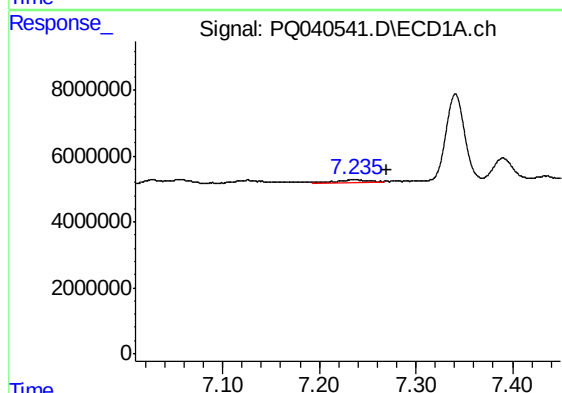
R.T.: 7.127 min
Delta R.T.: -0.029 min
Response: 2657596
Conc: 15.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



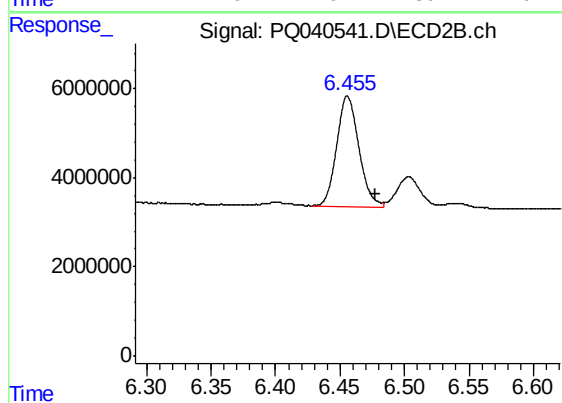
#5 AR-1016-3

R.T.: 6.401 min
Delta R.T.: -0.022 min
Response: 786728
Conc: 7.29 ng/ml



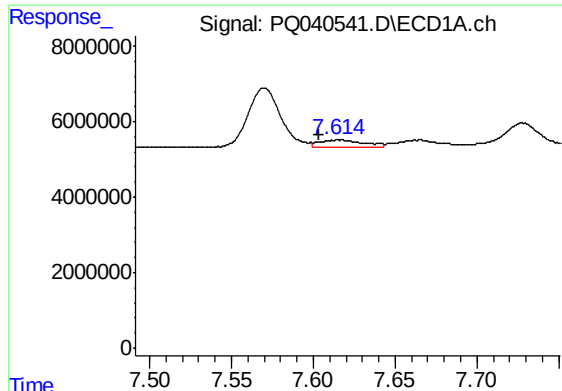
#6 AR-1016-4

R.T.: 7.237 min
Delta R.T.: -0.034 min
Response: 1776742
Conc: 12.85 ng/ml



#6 AR-1016-4

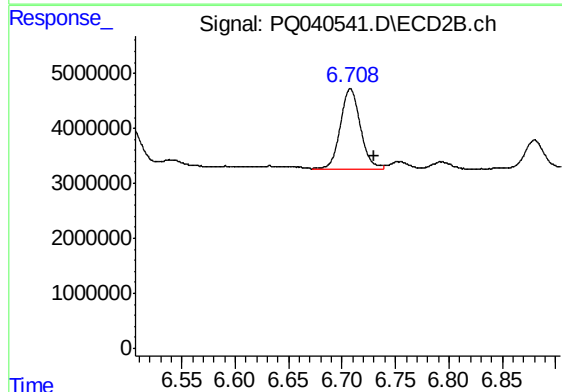
R.T.: 6.456 min
Delta R.T.: -0.022 min
Response: 29867155
Conc: 350.76 ng/ml



#7 AR-1016-5

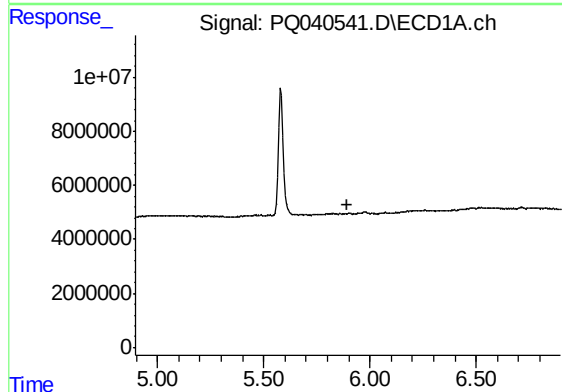
R.T.: 7.616 min
Delta R.T.: 0.012 min
Response: 3808380
Conc: 27.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



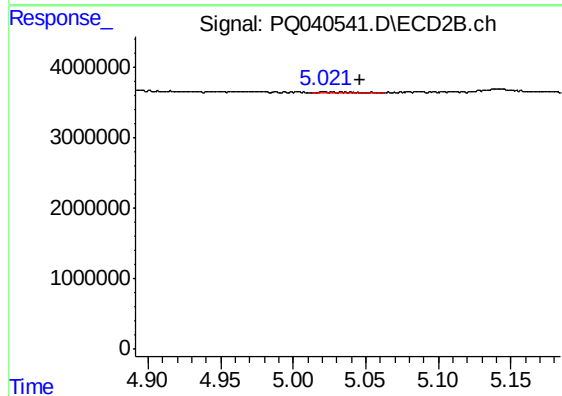
#7 AR-1016-5

R.T.: 6.708 min
Delta R.T.: -0.022 min
Response: 18924984
Conc: 164.36 ng/ml



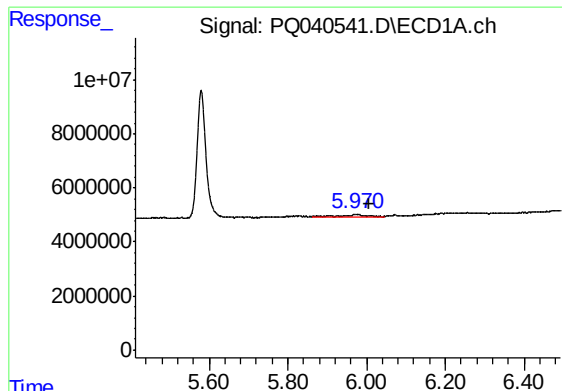
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

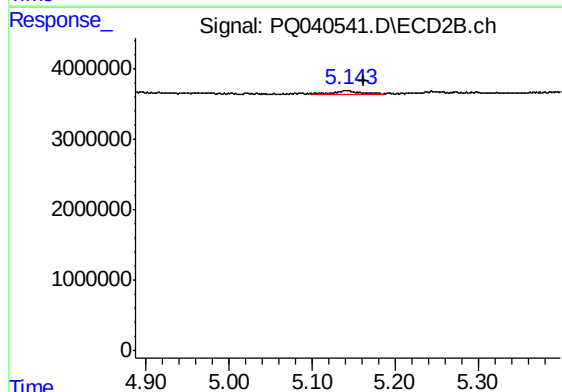
R.T.: 5.022 min
Delta R.T.: -0.025 min
Response: 180935
Conc: 7.38 ng/ml



#9 AR-1221-2

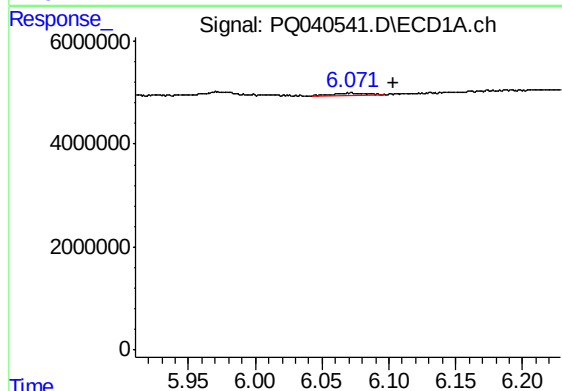
R.T.: 5.972 min
Delta R.T.: -0.034 min
Response: 2023249
Conc: 91.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



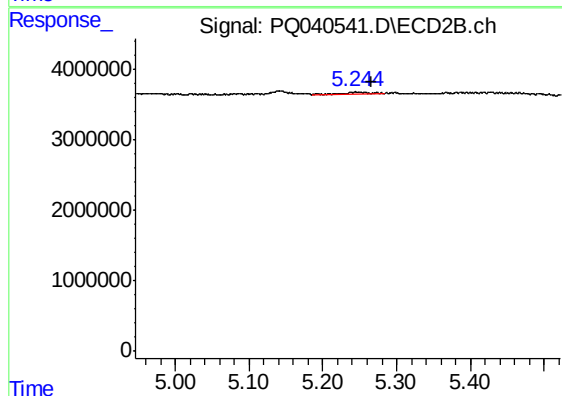
#9 AR-1221-2

R.T.: 5.141 min
Delta R.T.: -0.022 min
Response: 986222
Conc: 60.55 ng/ml



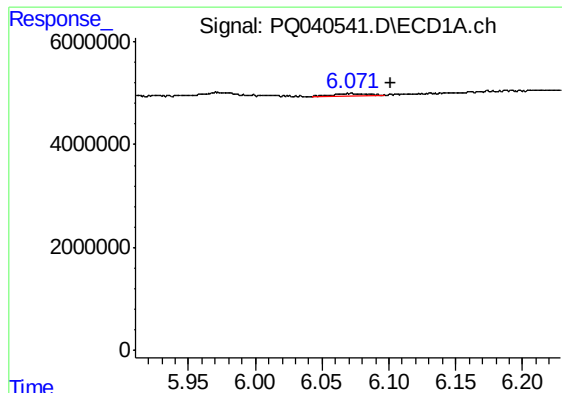
#10 AR-1221-3

R.T.: 6.072 min
Delta R.T.: -0.031 min
Response: 703846
Conc: 7.97 ng/ml



#10 AR-1221-3

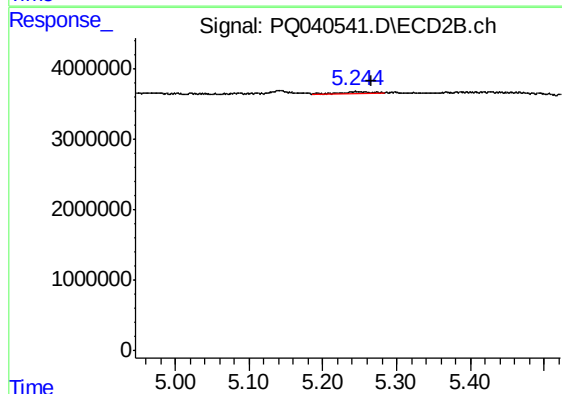
R.T.: 5.247 min
Delta R.T.: -0.019 min
Response: 702704
Conc: 11.56 ng/ml



#11 AR-1232-1

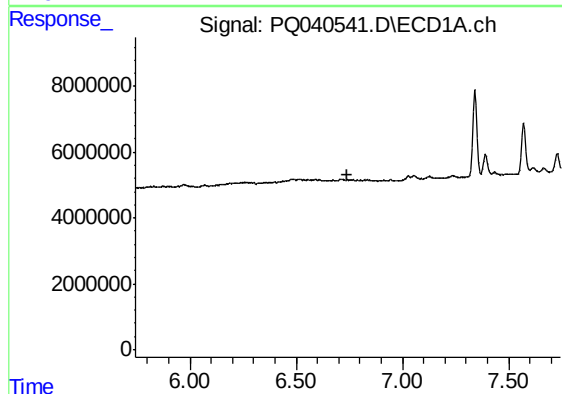
R.T.: 6.072 min
Delta R.T.: -0.029 min
Response: 703846
Conc: 10.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



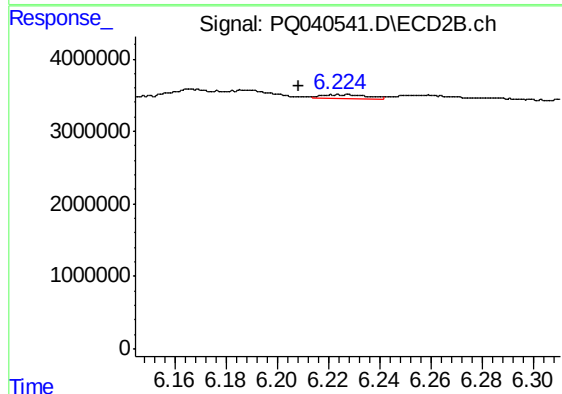
#11 AR-1232-1

R.T.: 5.247 min
Delta R.T.: -0.018 min
Response: 702704
Conc: 15.34 ng/ml



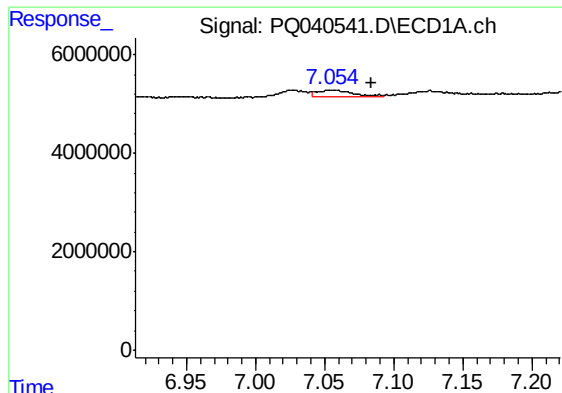
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

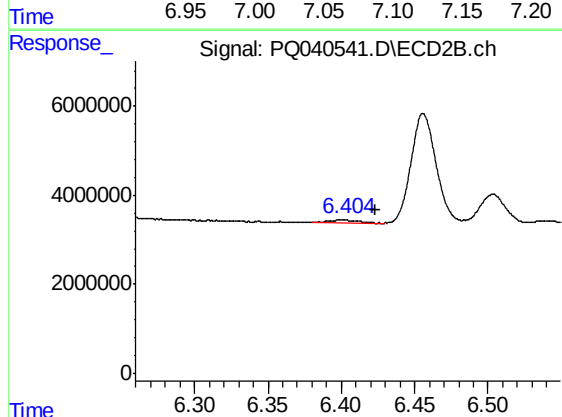
R.T.: 6.225 min
Delta R.T.: 0.017 min
Response: 754079
Conc: 12.57 ng/ml



#13 AR-1232-3

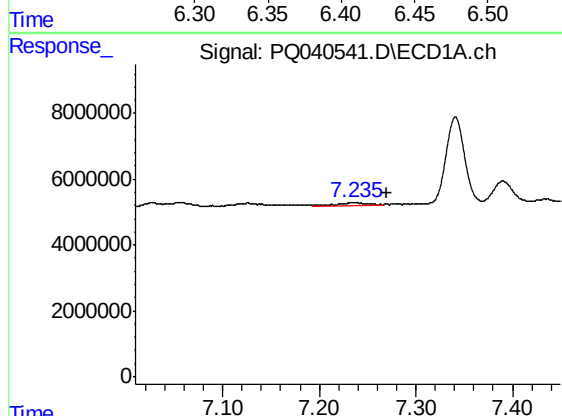
R.T.: 7.055 min
Delta R.T.: -0.029 min
Response: 2376199
Conc: 29.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



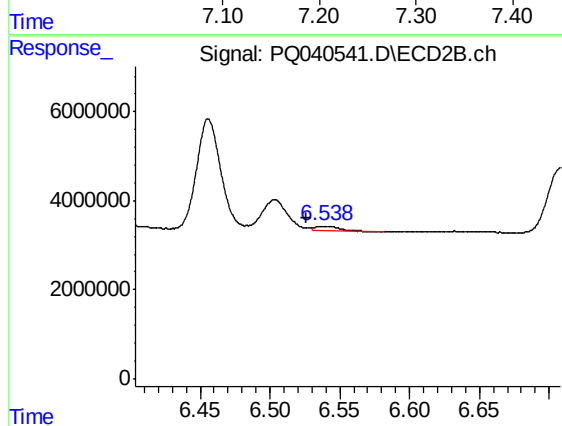
#13 AR-1232-3

R.T.: 6.401 min
Delta R.T.: -0.022 min
Response: 786728
Conc: 22.37 ng/ml



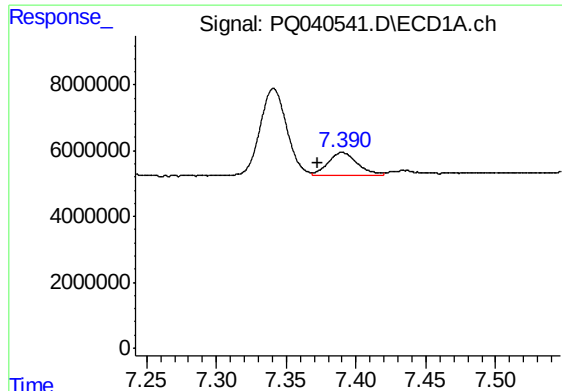
#14 AR-1232-4

R.T.: 7.237 min
Delta R.T.: -0.033 min
Response: 1776742
Conc: 42.51 ng/ml



#14 AR-1232-4

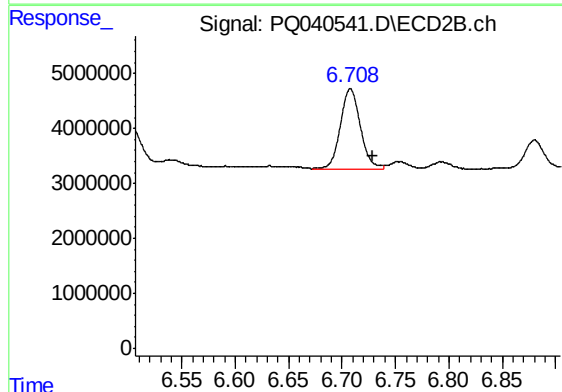
R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 1388784
Conc: 47.00 ng/ml



#15 AR-1232-5

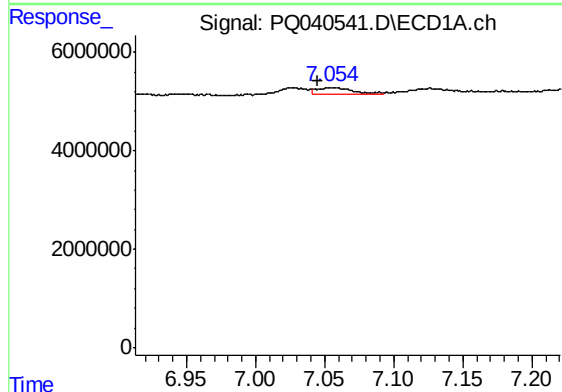
R.T.: 7.390 min
Delta R.T.: 0.018 min
Response: 10298306
Conc: 324.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



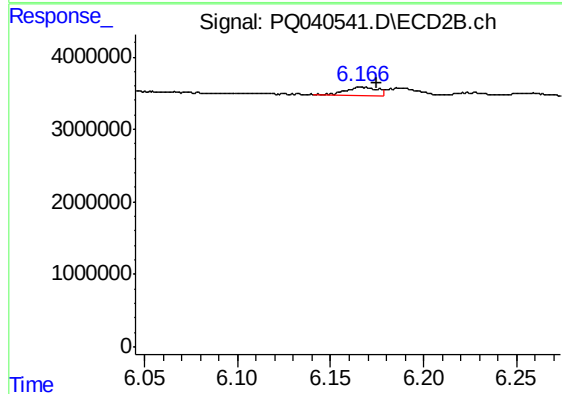
#15 AR-1232-5

R.T.: 6.708 min
Delta R.T.: -0.021 min
Response: 18924984
Conc: 628.65 ng/ml



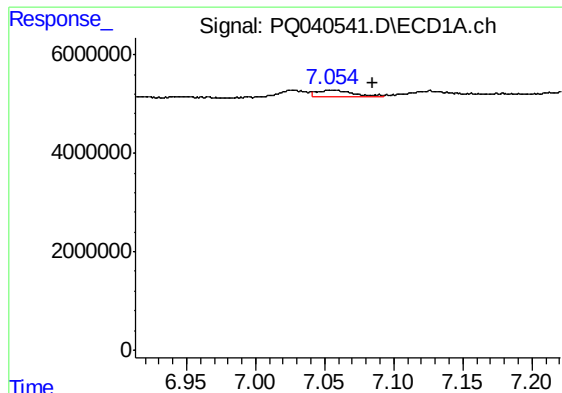
#16 AR-1242-1

R.T.: 7.055 min
Delta R.T.: 0.010 min
Response: 2376199
Conc: 24.51 ng/ml



#16 AR-1242-1

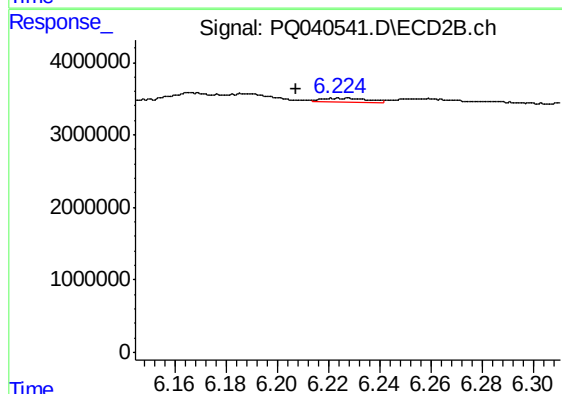
R.T.: 6.167 min
Delta R.T.: -0.008 min
Response: 1258046
Conc: 17.01 ng/ml



#17 AR-1242-2

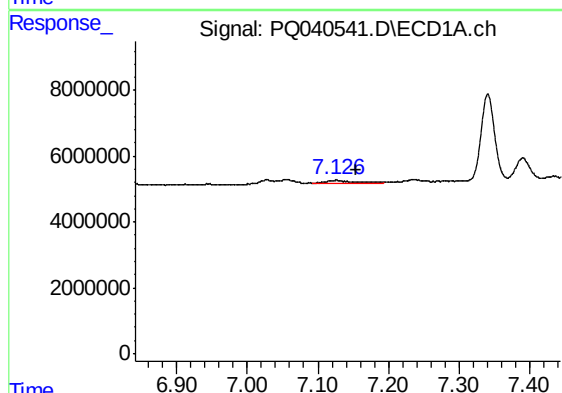
R.T.: 7.055 min
Delta R.T.: -0.029 min
Response: 2376199
Conc: 16.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



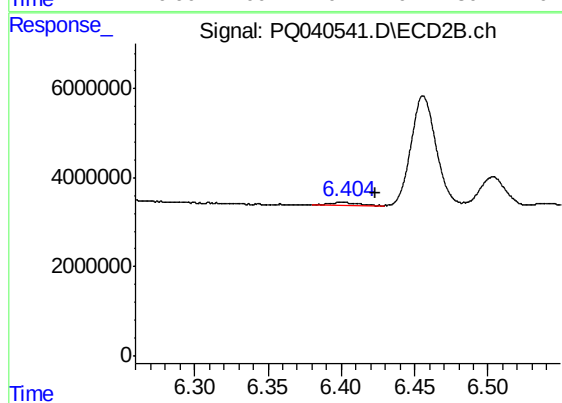
#17 AR-1242-2

R.T.: 6.225 min
Delta R.T.: 0.018 min
Response: 754079
Conc: 7.08 ng/ml



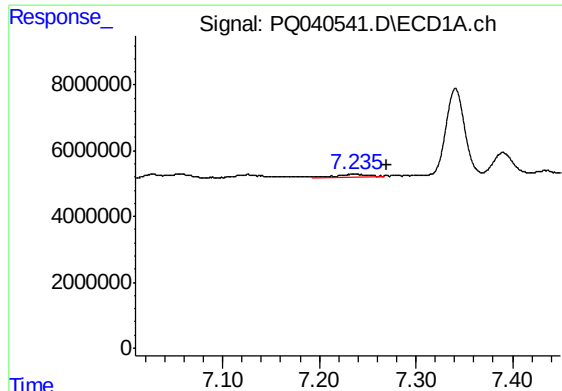
#18 AR-1242-3

R.T.: 7.127 min
Delta R.T.: -0.028 min
Response: 2657596
Conc: 28.55 ng/ml



#18 AR-1242-3

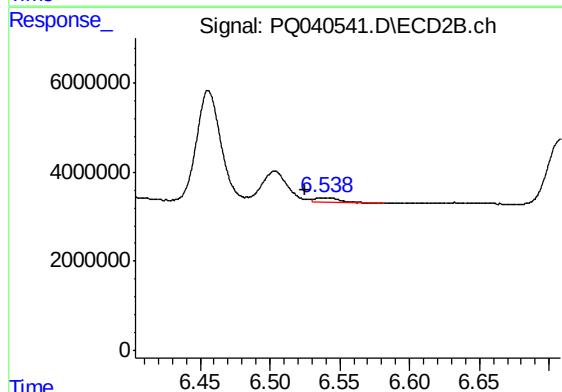
R.T.: 6.401 min
Delta R.T.: -0.022 min
Response: 786728
Conc: 13.04 ng/ml



#19 AR-1242-4

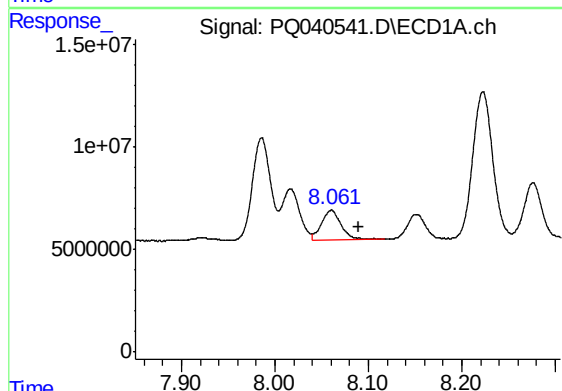
R.T.: 7.237 min
Delta R.T.: -0.033 min
Response: 1776742
Conc: 23.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



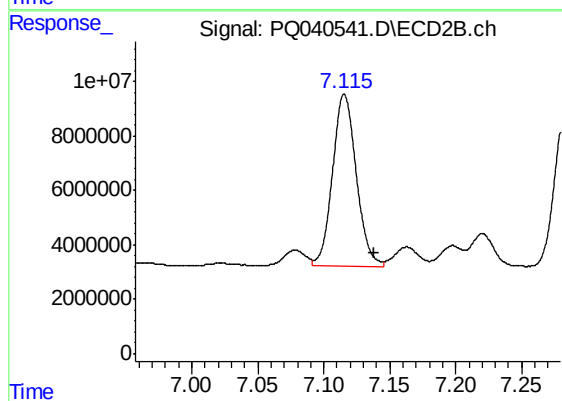
#19 AR-1242-4

R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 1388784
Conc: 23.30 ng/ml



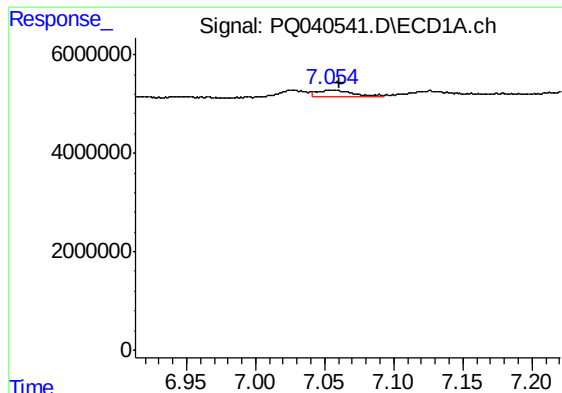
#20 AR-1242-5

R.T.: 8.060 min
Delta R.T.: -0.030 min
Response: 20533202
Conc: 236.85 ng/ml



#20 AR-1242-5

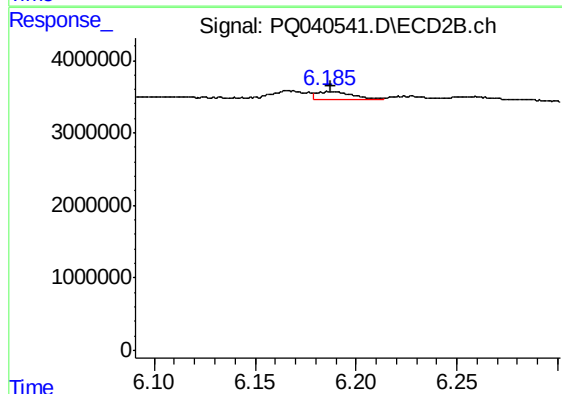
R.T.: 7.116 min
Delta R.T.: -0.023 min
Response: 79171934
Conc: 982.42 ng/ml



#21 AR-1248-1

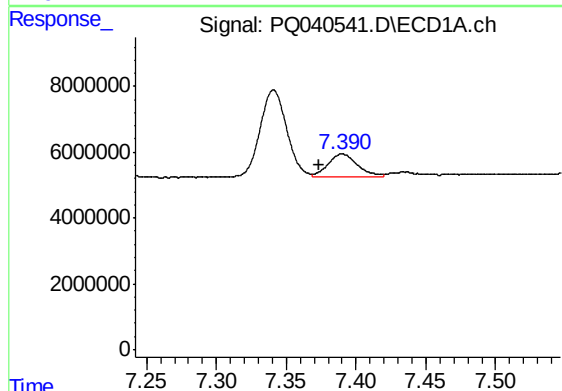
R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 2376199
Conc: 30.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



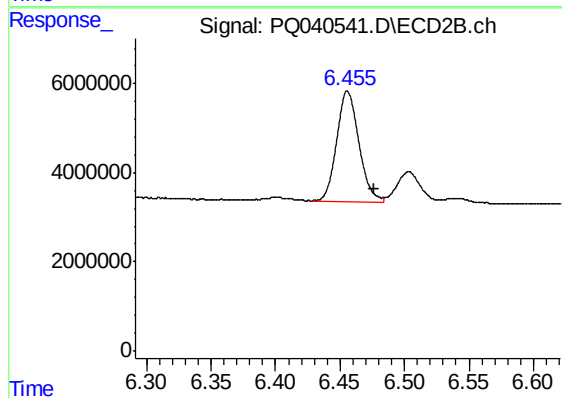
#21 AR-1248-1

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 1351821
Conc: 23.46 ng/ml



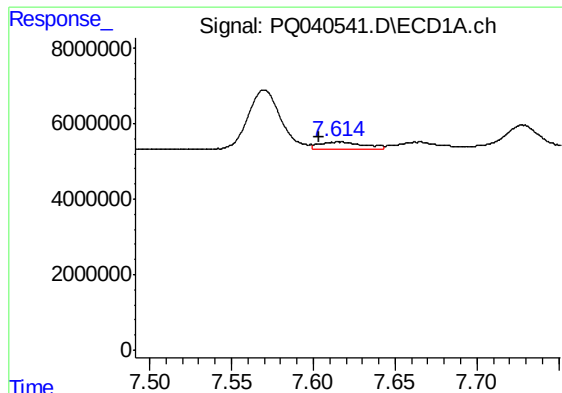
#22 AR-1248-2

R.T.: 7.390 min
Delta R.T.: 0.016 min
Response: 10298306
Conc: 91.43 ng/ml



#22 AR-1248-2

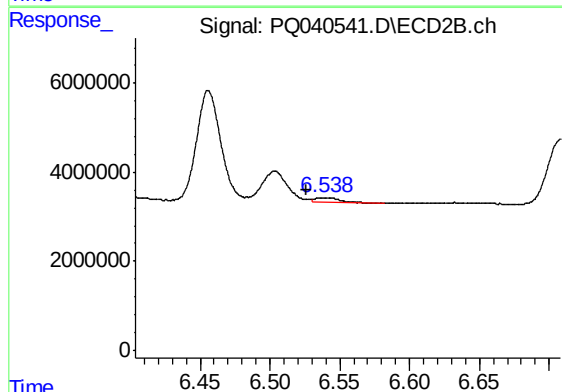
R.T.: 6.456 min
Delta R.T.: -0.021 min
Response: 29867155
Conc: 339.71 ng/ml



#23 AR-1248-3

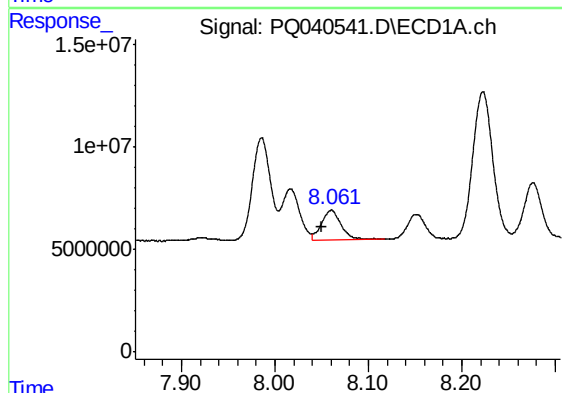
R.T.: 7.616 min
Delta R.T.: 0.012 min
Response: 3808380
Conc: 27.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



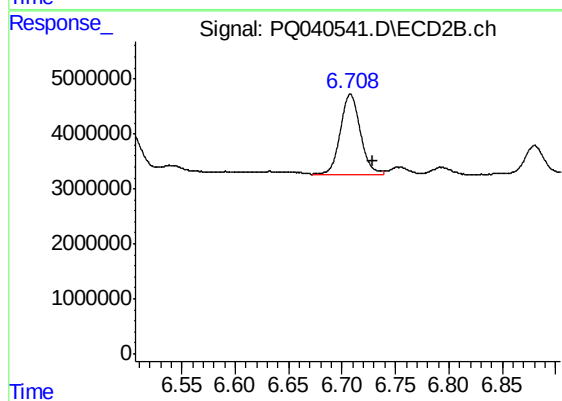
#23 AR-1248-3

R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 1388784
Conc: 15.35 ng/ml



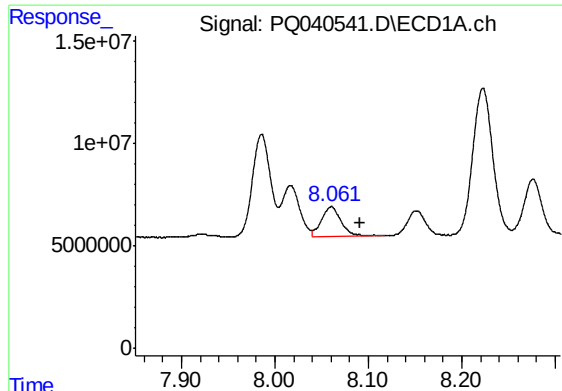
#24 AR-1248-4

R.T.: 8.060 min
Delta R.T.: 0.010 min
Response: 20533202
Conc: 136.01 ng/ml



#24 AR-1248-4

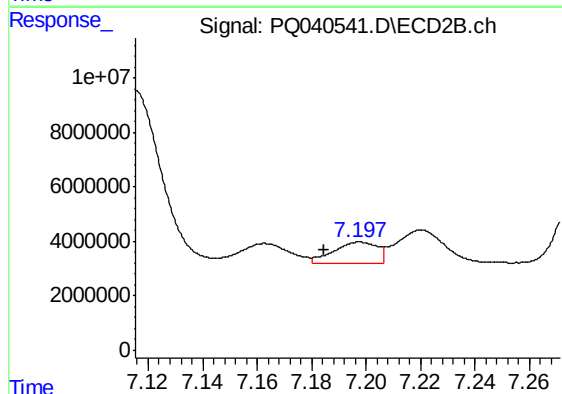
R.T.: 6.708 min
Delta R.T.: -0.021 min
Response: 18924984
Conc: 171.38 ng/ml



#25 AR-1248-5

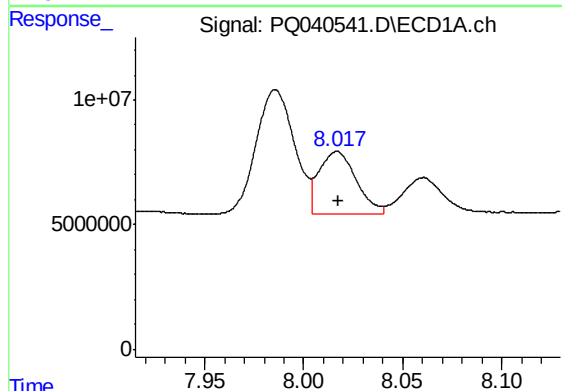
R.T.: 8.060 min
Delta R.T.: -0.031 min
Response: 20533202
Conc: 136.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



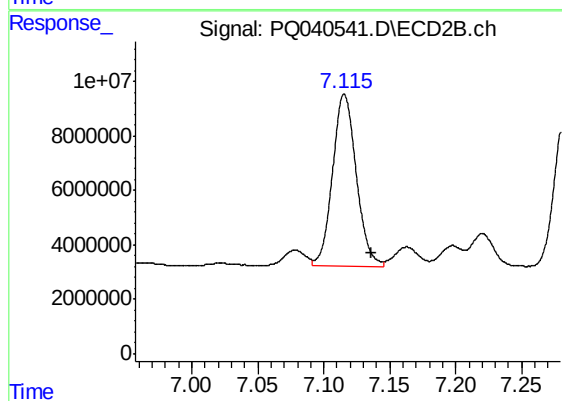
#25 AR-1248-5

R.T.: 7.198 min
Delta R.T.: 0.013 min
Response: 8357693
Conc: 73.61 ng/ml



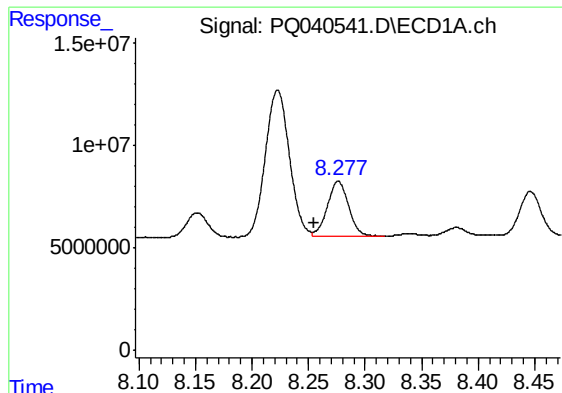
#26 AR-1254-1

R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 32362237
Conc: 185.57 ng/ml



#26 AR-1254-1

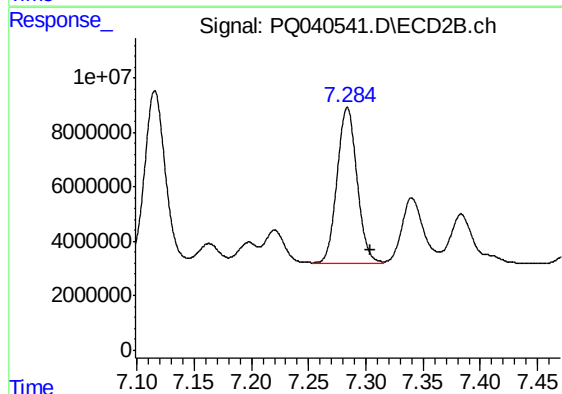
R.T.: 7.116 min
Delta R.T.: -0.021 min
Response: 79171934
Conc: 413.35 ng/ml



#27 AR-1254-2

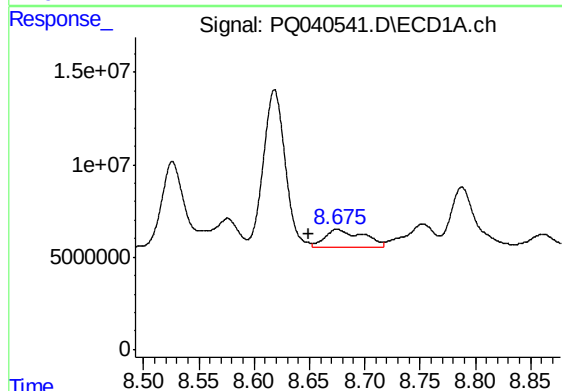
R.T.: 8.276 min
Delta R.T.: 0.022 min
Response: 35126785
Conc: 127.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



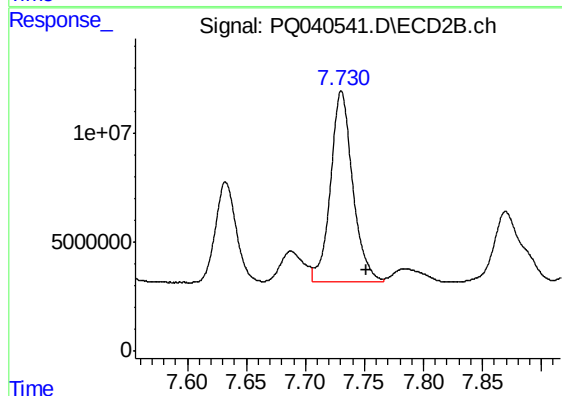
#27 AR-1254-2

R.T.: 7.284 min
Delta R.T.: -0.020 min
Response: 69301073
Conc: 398.90 ng/ml



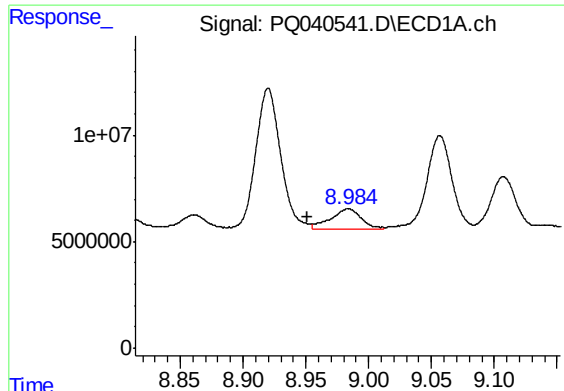
#28 AR-1254-3

R.T.: 8.675 min
Delta R.T.: 0.026 min
Response: 21968256
Conc: 74.02 ng/ml



#28 AR-1254-3

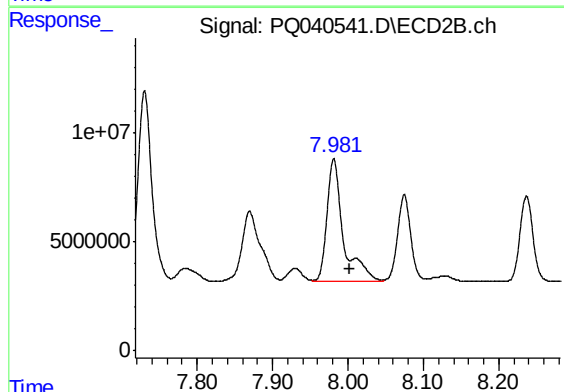
R.T.: 7.731 min
Delta R.T.: -0.021 min
Response: 115058131
Conc: 398.15 ng/ml



#29 AR-1254-4

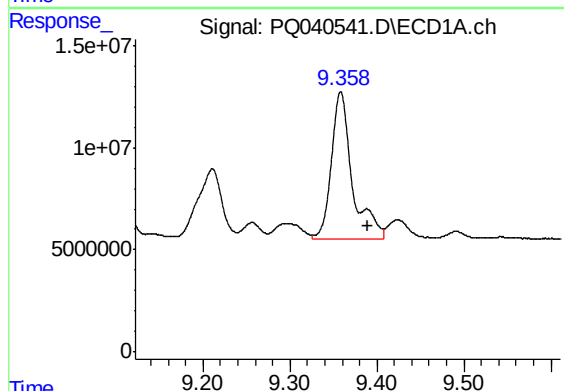
R.T.: 8.984 min
Delta R.T.: 0.032 min
Response: 17148008
Conc: 82.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



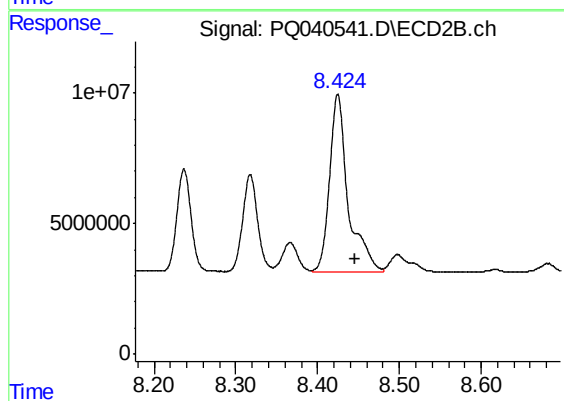
#29 AR-1254-4

R.T.: 7.981 min
Delta R.T.: -0.021 min
Response: 85845806
Conc: 480.80 ng/ml



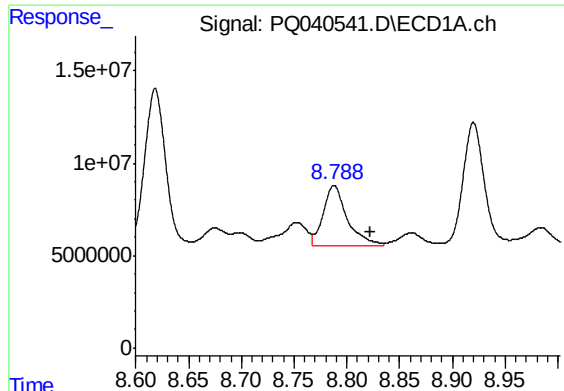
#30 AR-1254-5

R.T.: 9.358 min
Delta R.T.: -0.032 min
Response: 119760939
Conc: 415.85 ng/ml



#30 AR-1254-5

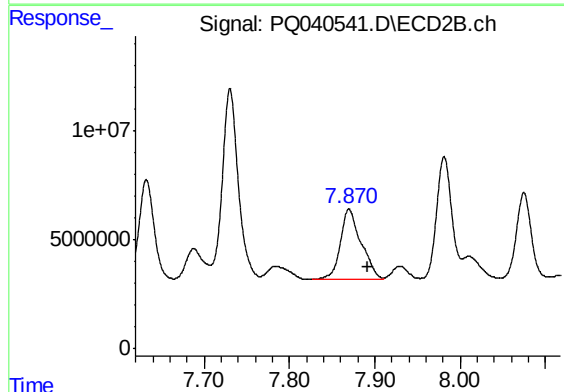
R.T.: 8.425 min
Delta R.T.: -0.021 min
Response: 107634135
Conc: 417.79 ng/ml



#31 AR-1260-1

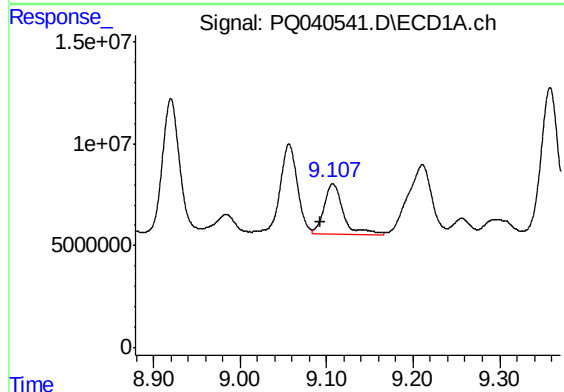
R.T.: 8.788 min
Delta R.T.: -0.034 min
Response: 50672756
Conc: 152.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



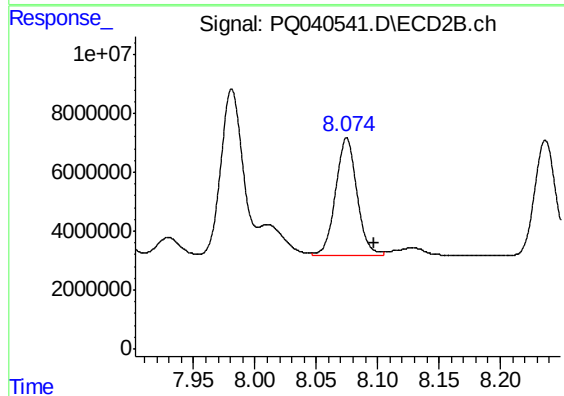
#31 AR-1260-1

R.T.: 7.870 min
Delta R.T.: -0.022 min
Response: 54983553
Conc: 200.57 ng/ml



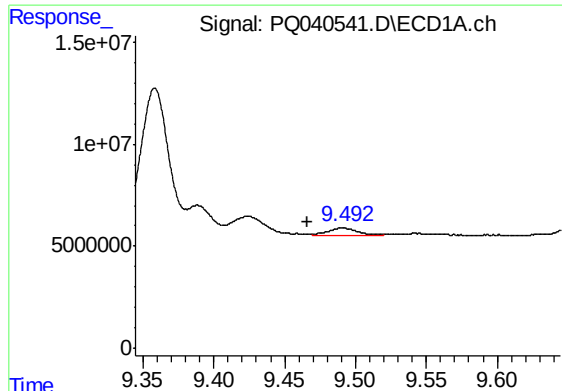
#32 AR-1260-2

R.T.: 9.107 min
Delta R.T.: 0.015 min
Response: 38336222
Conc: 94.90 ng/ml



#32 AR-1260-2

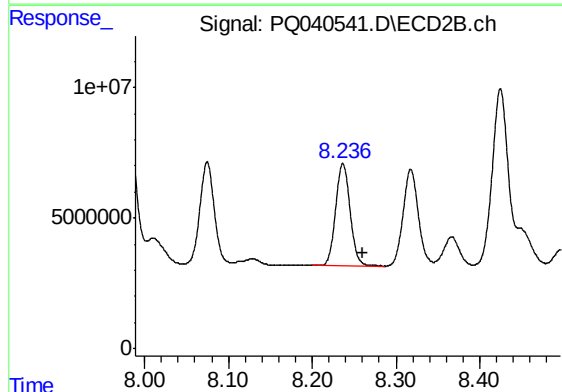
R.T.: 8.075 min
Delta R.T.: -0.022 min
Response: 48677061
Conc: 140.72 ng/ml



#33 AR-1260-3

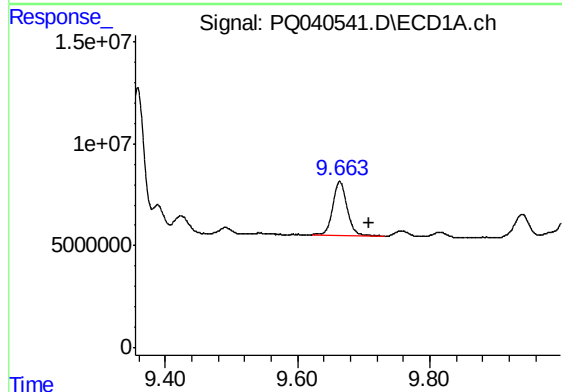
R.T.: 9.491 min
Delta R.T.: 0.025 min
Response: 4937323
Conc: 14.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



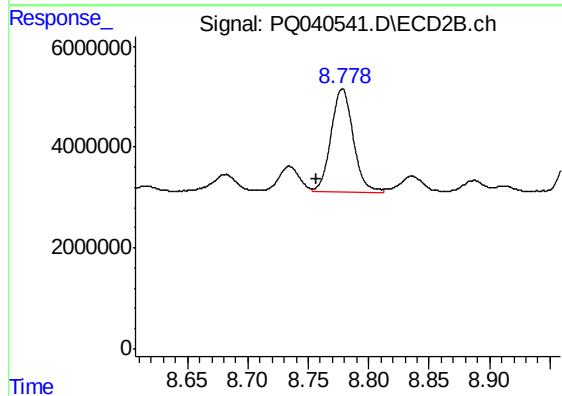
#33 AR-1260-3

R.T.: 8.237 min
Delta R.T.: -0.024 min
Response: 47140964
Conc: 146.99 ng/ml



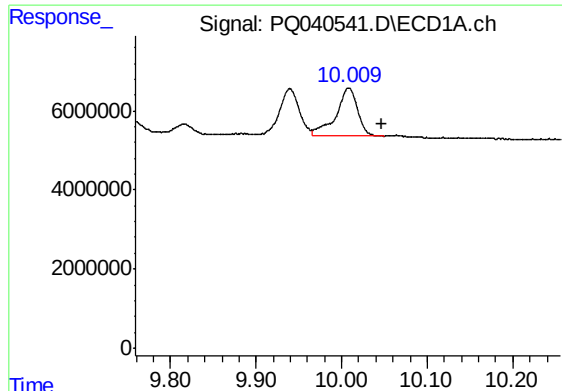
#34 AR-1260-4

R.T.: 9.664 min
Delta R.T.: -0.043 min
Response: 38869367
Conc: 105.47 ng/ml



#34 AR-1260-4

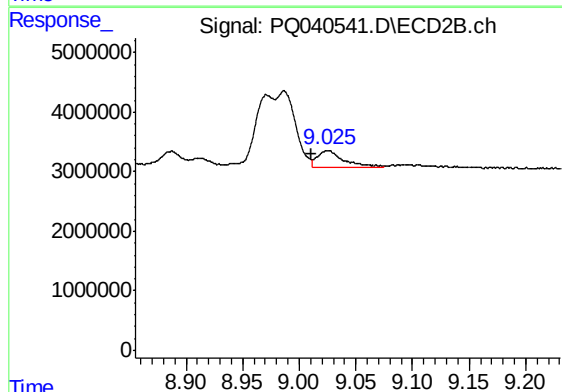
R.T.: 8.778 min
Delta R.T.: 0.022 min
Response: 26242095
Conc: 96.58 ng/ml



#35 AR-1260-5

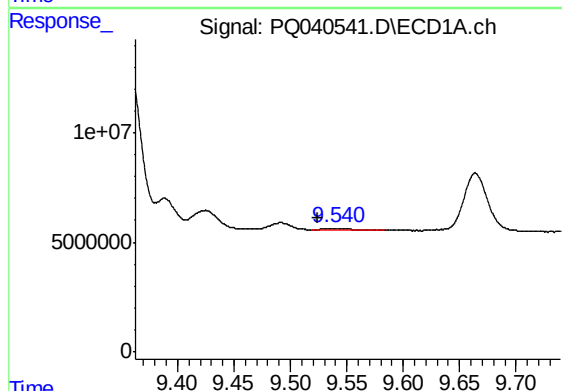
R.T.: 10.008 min
Delta R.T.: -0.039 min
Response: 21270646
Conc: 27.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



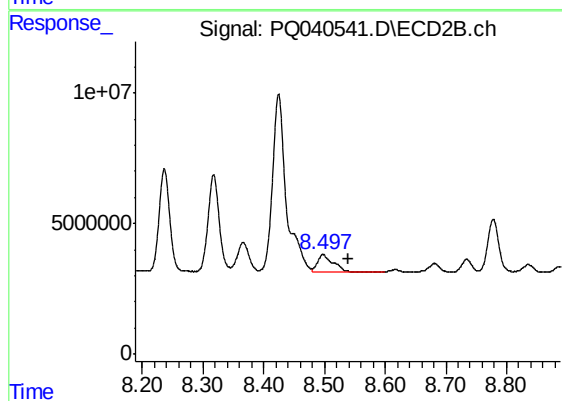
#35 AR-1260-5

R.T.: 9.025 min
Delta R.T.: 0.015 min
Response: 4361299
Conc: 6.49 ng/ml



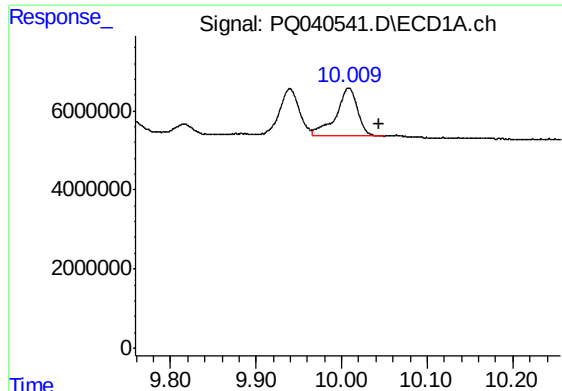
#36 AR-1262-1

R.T.: 9.542 min
Delta R.T.: 0.018 min
Response: 1517311
Conc: 10.91 ng/ml



#36 AR-1262-1

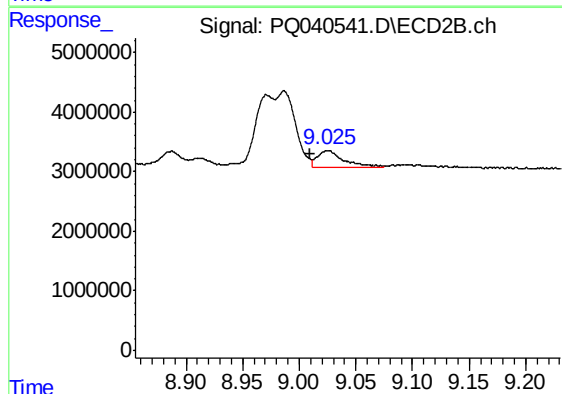
R.T.: 8.498 min
Delta R.T.: -0.041 min
Response: 11993549
Conc: 105.63 ng/ml



#37 AR-1262-2

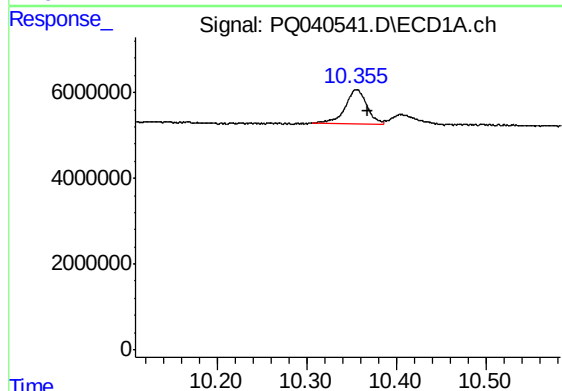
R.T.: 10.008 min
Delta R.T.: -0.036 min
Response: 21270646
Conc: 36.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



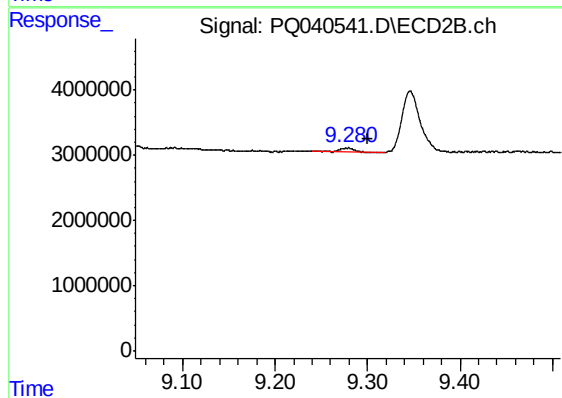
#37 AR-1262-2

R.T.: 9.025 min
Delta R.T.: 0.015 min
Response: 4361299
Conc: 8.79 ng/ml



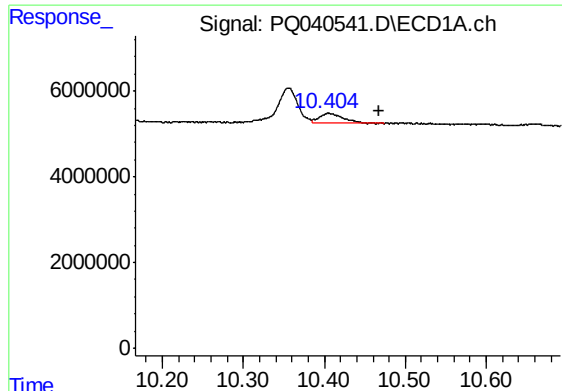
#38 AR-1262-3

R.T.: 10.356 min
Delta R.T.: -0.013 min
Response: 13329425
Conc: 31.53 ng/ml



#38 AR-1262-3

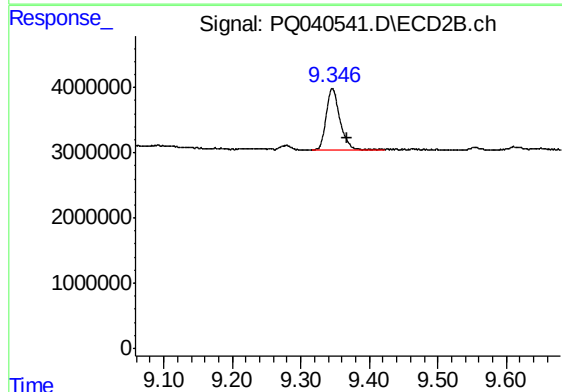
R.T.: 9.279 min
Delta R.T.: -0.022 min
Response: 740451
Conc: 3.52 ng/ml



#39 AR-1262-4

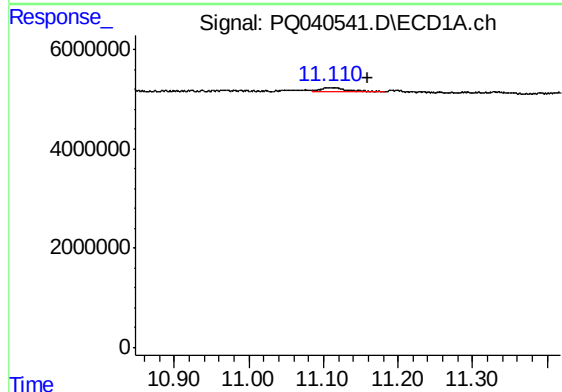
R.T.: 10.406 min
Delta R.T.: -0.061 min
Response: 4526439
Conc: 11.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



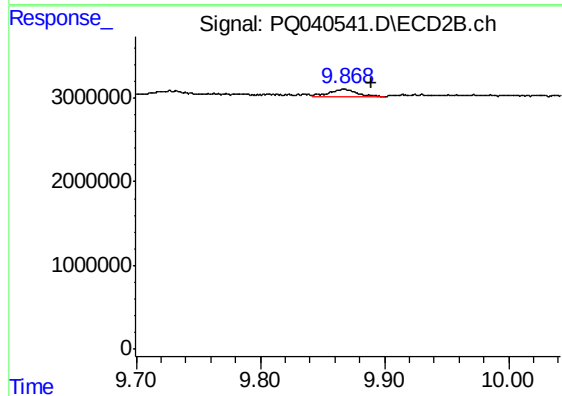
#39 AR-1262-4

R.T.: 9.346 min
Delta R.T.: -0.022 min
Response: 13446989
Conc: 35.52 ng/ml



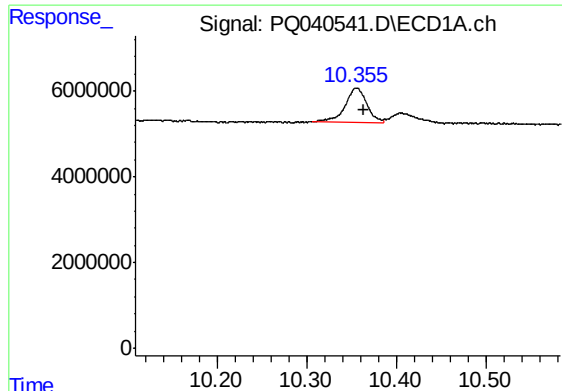
#40 AR-1262-5

R.T.: 11.110 min
Delta R.T.: -0.049 min
Response: 1468185
Conc: 6.25 ng/ml



#40 AR-1262-5

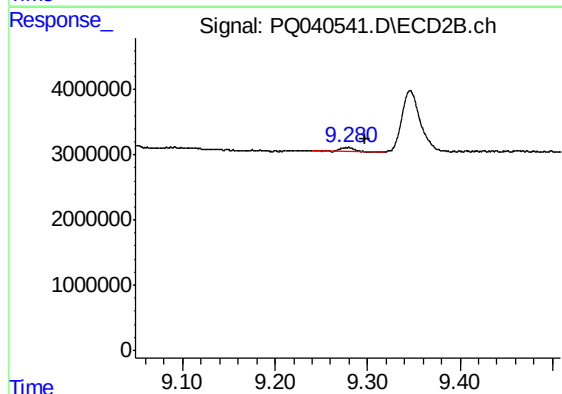
R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 1360718
Conc: 8.39 ng/ml



#41 AR-1268-1

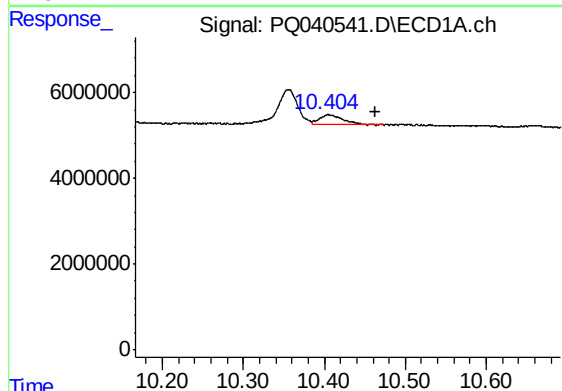
R.T.: 10.356 min
Delta R.T.: -0.008 min
Response: 13329425
Conc: 22.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



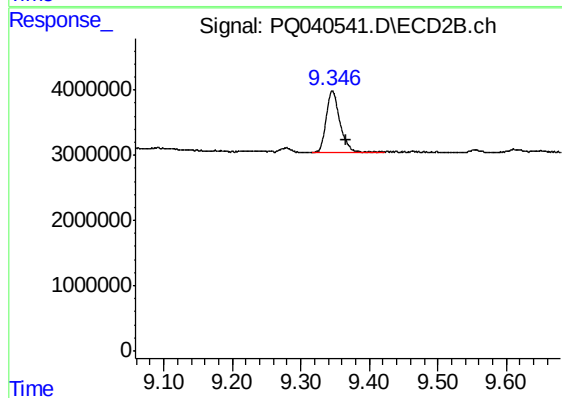
#41 AR-1268-1

R.T.: 9.279 min
Delta R.T.: -0.018 min
Response: 740451
Conc: 1.62 ng/ml



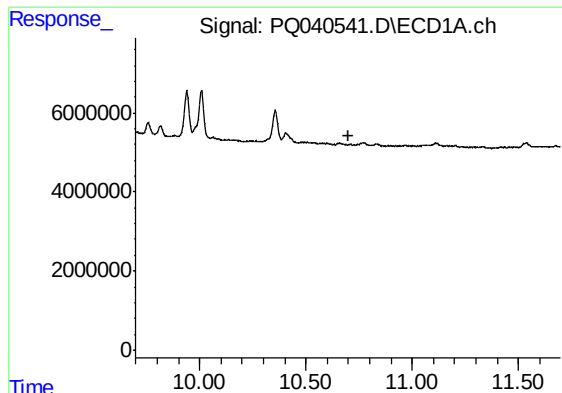
#42 AR-1268-2

R.T.: 10.406 min
Delta R.T.: -0.058 min
Response: 4526439
Conc: 7.36 ng/ml



#42 AR-1268-2

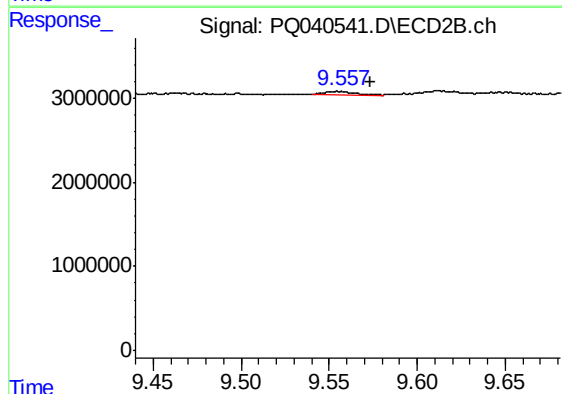
R.T.: 9.346 min
Delta R.T.: -0.019 min
Response: 13446989
Conc: 30.76 ng/ml



#43 AR-1268-3

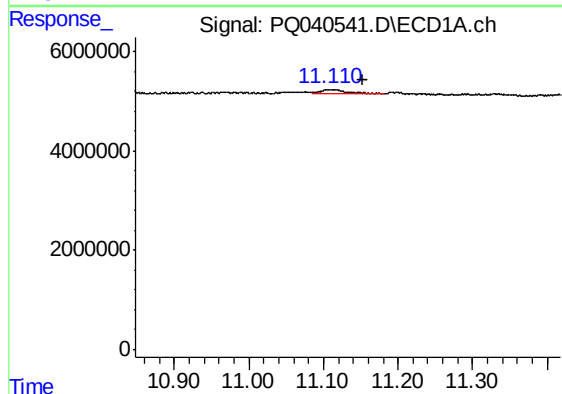
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254355



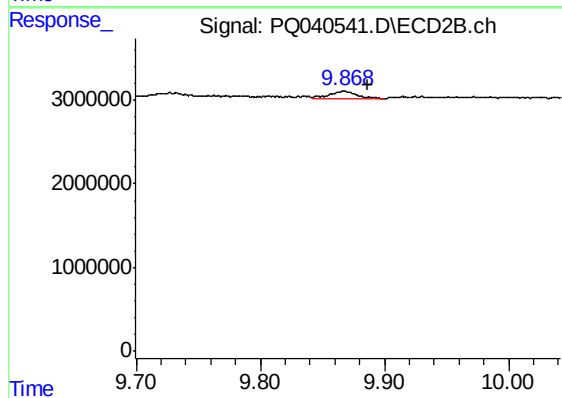
#43 AR-1268-3

R.T.: 9.555 min
Delta R.T.: -0.018 min
Response: 419107
Conc: 1.12 ng/ml



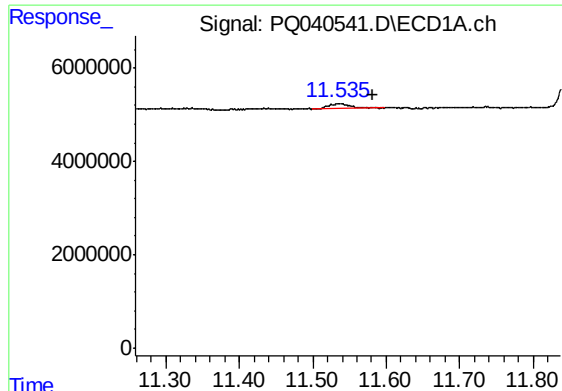
#44 AR-1268-4

R.T.: 11.110 min
Delta R.T.: -0.043 min
Response: 1468185
Conc: 7.20 ng/ml



#44 AR-1268-4

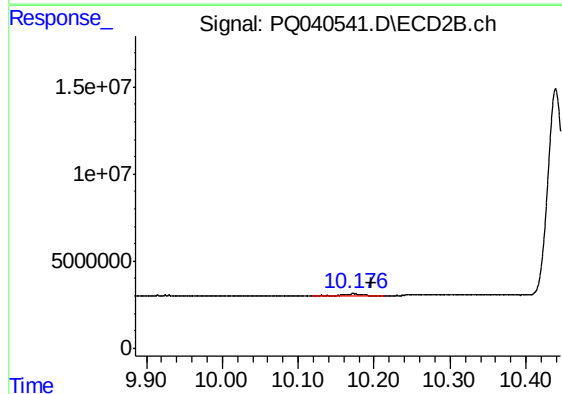
R.T.: 9.868 min
Delta R.T.: -0.019 min
Response: 1360718
Conc: 9.88 ng/ml



#45 AR-1268-5

R.T.: 11.536 min
Delta R.T.: -0.046 min
Response: 2399139
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254355



#45 AR-1268-5

R.T.: 10.174 min
Delta R.T.: -0.022 min
Response: 1629317
Conc: 1.38 ng/ml