

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
 Data File : PQ040528.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2019 16:46
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254354

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:19:11 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...	5.581	4.725	61207112	48743414	18.684	22.695
2)	SA Decachlor...	11.875	10.440	261.4E6	165.1E6	36.590	39.708
Target Compounds							
3)	L1 AR-1016-1	7.056	6.168	1608157	1386722	9.613	10.810
4)	L1 AR-1016-2	7.056	6.225	1608157	405230	6.117	2.100 #
5)	L1 AR-1016-3	7.124	6.405	1333884	941956	7.815	8.734
6)	L1 AR-1016-4	7.241	6.457	1054241	26725888	7.627	313.872 #
7)	L1 AR-1016-5	7.616	6.709	1860190	16735333	13.409	145.347 #
8)	L2 AR-1221-1	0.000	5.056	0	166353	N.D.	6.788 #
9)	L2 AR-1221-2	5.978	5.171	1425058	888395	64.681	54.544
10)	L2 AR-1221-3	0.000	5.280	0	176027	N.D.	2.895 #
11)	L3 AR-1232-1	0.000	5.280	0	176027	N.D.	3.841 #
12)	L3 AR-1232-2	0.000	6.225	0	405230	N.D.	6.755 #
13)	L3 AR-1232-3	7.056	6.405	1608157	941956	19.900	26.785 #
14)	L3 AR-1232-4	7.241	6.540	1054241	1639378	25.222	55.481 #
15)	L3 AR-1232-5	7.391	6.709	9481002	16735333	299.156	555.910 #
16)	L4 AR-1242-1	7.056	6.168	1608157	1386722	16.586	18.753
17)	L4 AR-1242-2	7.056	6.225	1608157	405230	11.128	3.806 #
18)	L4 AR-1242-3	7.124	6.405	1333884	941956	14.329	15.615
19)	L4 AR-1242-4	7.241	6.540	1054241	1639378	14.017	27.506 #
20)	L4 AR-1242-5	8.061	7.117	19077753	70996182	220.059	880.973 #
21)	L5 AR-1248-1	7.056	6.189	1608157	923438	20.777	16.025
22)	L5 AR-1248-2	7.391	6.457	9481002	26725888	84.177	303.981 #
23)	L5 AR-1248-3	7.616	6.540	1860190	1639378	13.477	18.118 #
24)	L5 AR-1248-4	8.061	6.709	19077753	16735333	126.368	151.548
25)	L5 AR-1248-5	8.061	7.197	19077753	7567380	126.713	66.652 #
26)	L6 AR-1254-1	8.018	7.117	28342247	70996182	162.518	370.668 #
27)	L6 AR-1254-2	8.277	7.284	32019171	63194987	115.779	363.754 #
28)	L6 AR-1254-3	8.676	7.732	12141411	105.7E6	40.910	365.815 #
29)	L6 AR-1254-4	8.921	8.011	79381926	14003480	381.958	78.430 #
30)	L6 AR-1254-5	9.389	8.425	15387172	100.3E6	53.429	389.318 #
31)	L7 AR-1260-1	8.789	7.871	44938171	51011369	135.189	186.079 #
32)	L7 AR-1260-2	9.108	8.075	32887684	44441640	81.412	128.475 #
33)	L7 AR-1260-3	9.491	8.238	4308163	43807707	13.059	136.598 #
34)	L7 AR-1260-4	9.665	8.735	35673780	5334545	96.799	19.633 #
35)	L7 AR-1260-5	10.009	9.025	18234416	3715633	23.679	5.528 #
36)	L8 AR-1262-1	9.491	8.498	4308163	12257230	30.991	107.949 #
37)	L8 AR-1262-2	10.009	9.025	18234416	3715633	31.506	7.489 #
38)	L8 AR-1262-3	10.357	9.316	12506976	35409	29.580	0.168 #
39)	L8 AR-1262-4	10.408	9.347	4527736	12543213	11.988	33.128 #
40)	L8 AR-1262-5	11.114	9.869	1551757	1029218	6.604	6.348
41)	L9 AR-1268-1	10.357	9.279	12506976	603172	20.763	1.322 #
42)	L9 AR-1268-2	10.408	9.347	4527736	12543213	7.358	28.691 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060319\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2019 16:46
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

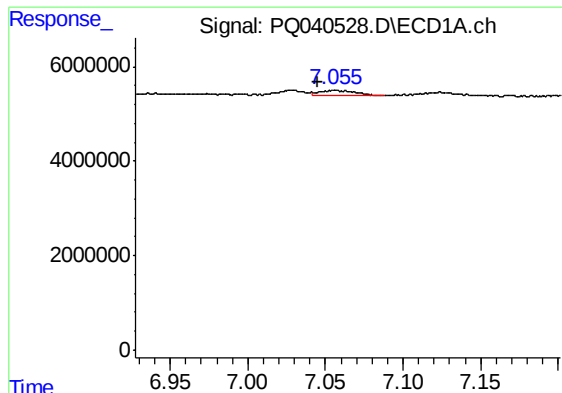
Instrument :
 ECD_Q
 ClientSampleId :
 AR1254354

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 02:19:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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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	469380	N.D.	1.250 #
44) L9	AR-1268-4	11.114	9.869	1551757	1029218	7.608	7.470
45) L9	AR-1268-5	11.535	10.174	2732795	3004606	1.479	2.546 #

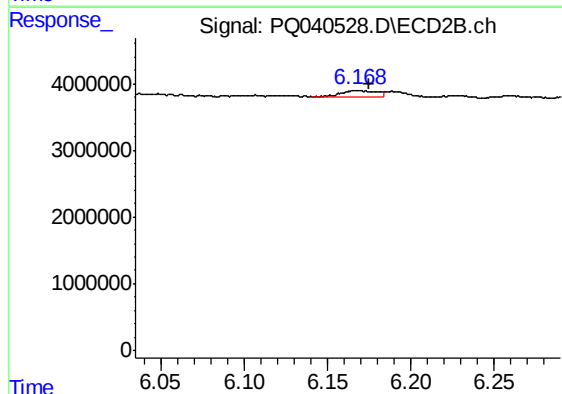
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

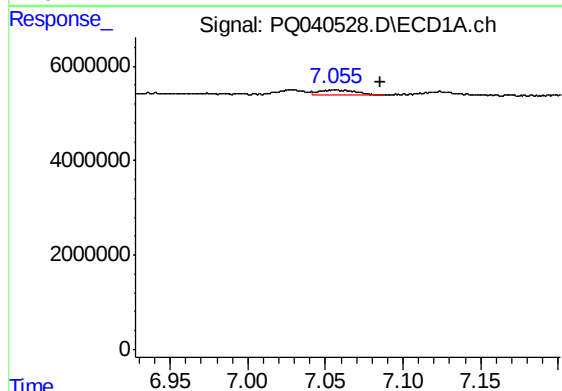
R.T.: 7.056 min
Delta R.T.: 0.011 min
Response: 1608157
Conc: 9.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



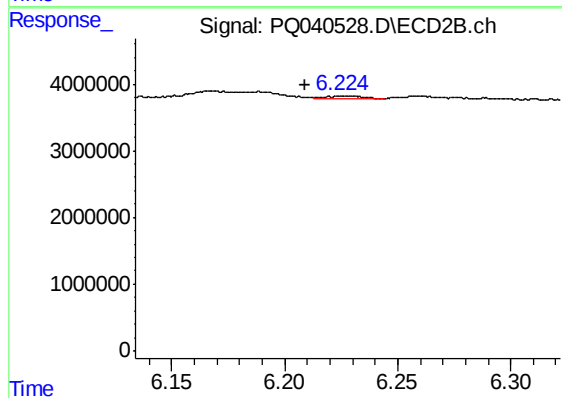
#3 AR-1016-1

R.T.: 6.168 min
Delta R.T.: -0.007 min
Response: 1386722
Conc: 10.81 ng/ml



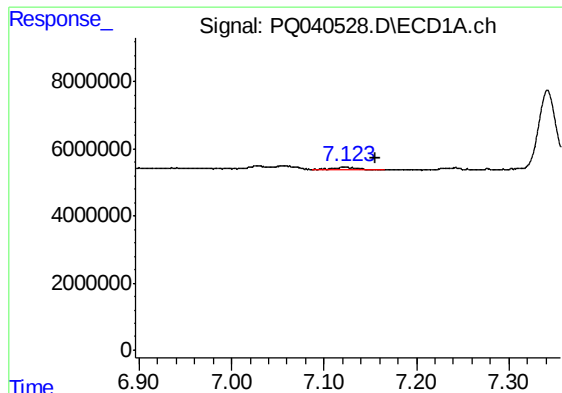
#4 AR-1016-2

R.T.: 7.056 min
Delta R.T.: -0.030 min
Response: 1608157
Conc: 6.12 ng/ml



#4 AR-1016-2

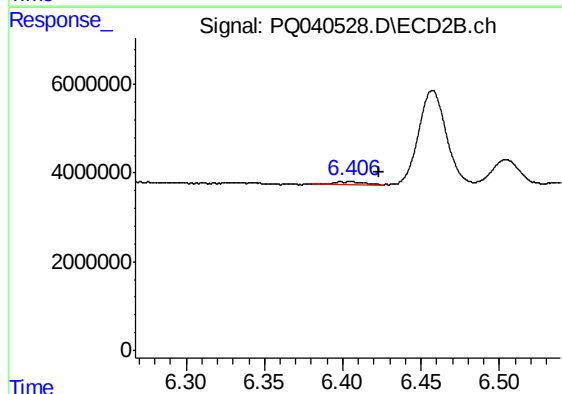
R.T.: 6.225 min
Delta R.T.: 0.016 min
Response: 405230
Conc: 2.10 ng/ml



#5 AR-1016-3

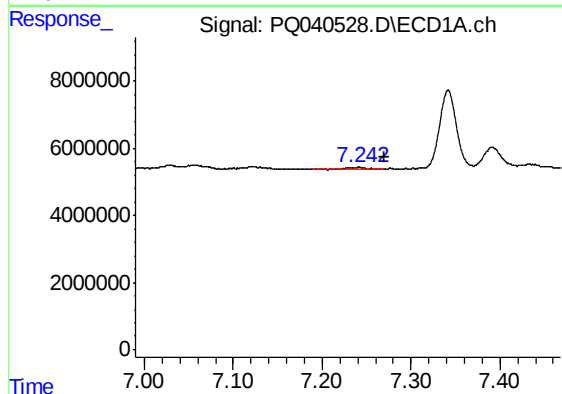
R.T.: 7.124 min
Delta R.T.: -0.032 min
Response: 1333884
Conc: 7.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



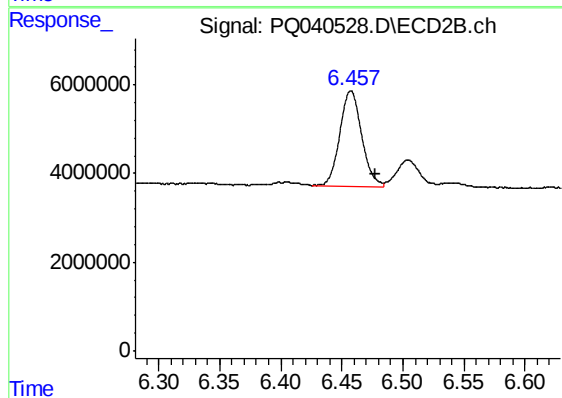
#5 AR-1016-3

R.T.: 6.405 min
Delta R.T.: -0.018 min
Response: 941956
Conc: 8.73 ng/ml



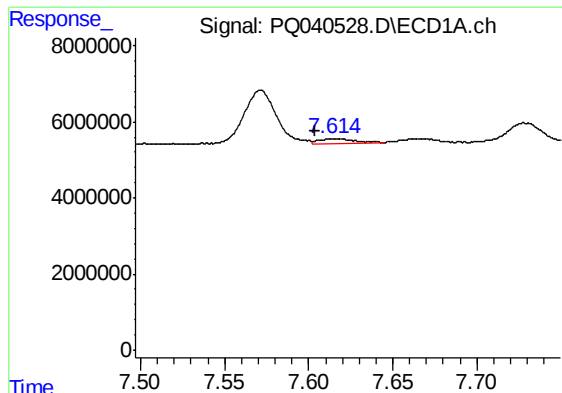
#6 AR-1016-4

R.T.: 7.241 min
Delta R.T.: -0.030 min
Response: 1054241
Conc: 7.63 ng/ml



#6 AR-1016-4

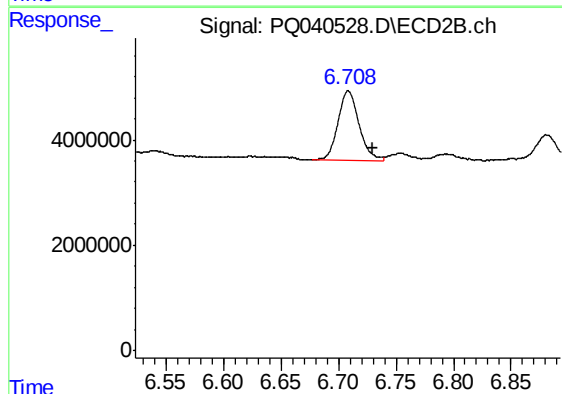
R.T.: 6.457 min
Delta R.T.: -0.021 min
Response: 26725888
Conc: 313.87 ng/ml



#7 AR-1016-5

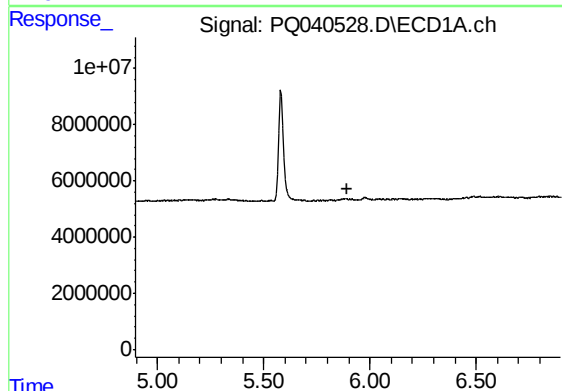
R.T.: 7.616 min
Delta R.T.: 0.012 min
Response: 1860190
Conc: 13.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



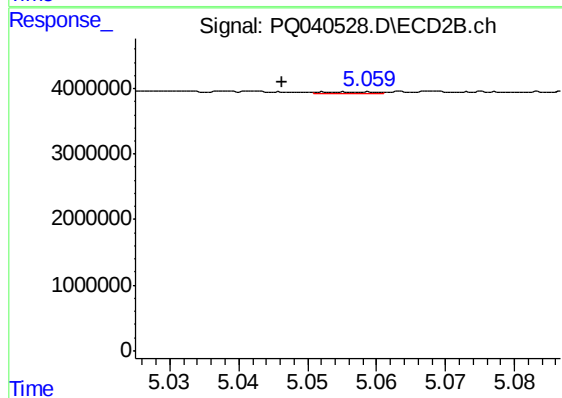
#7 AR-1016-5

R.T.: 6.709 min
Delta R.T.: -0.021 min
Response: 16735333
Conc: 145.35 ng/ml



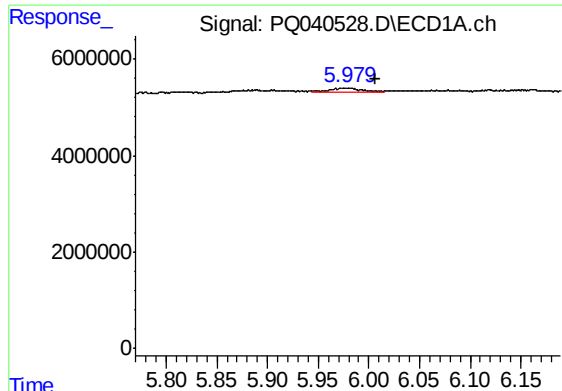
#8 AR-1221-1

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



#8 AR-1221-1

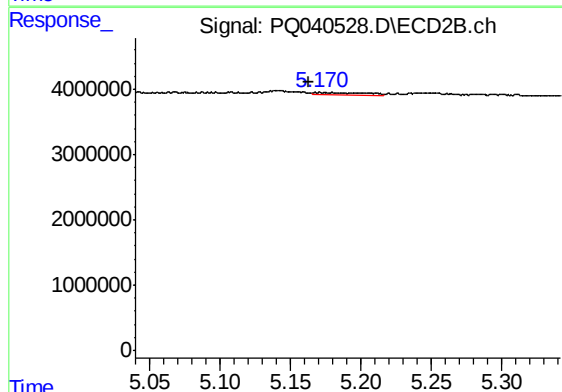
R.T.: 5.056 min
Delta R.T.: 0.009 min
Response: 166353
Conc: 6.79 ng/ml



#9 AR-1221-2

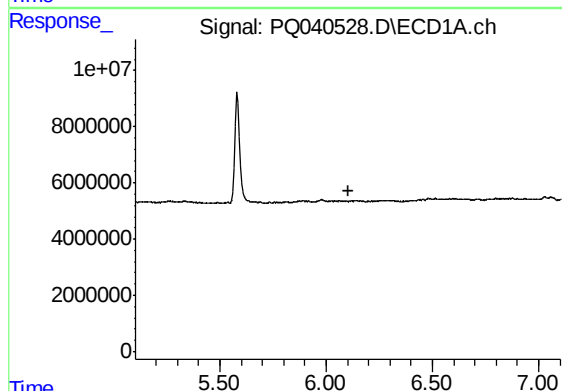
R.T.: 5.978 min
Delta R.T.: -0.028 min
Response: 1425058
Conc: 64.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



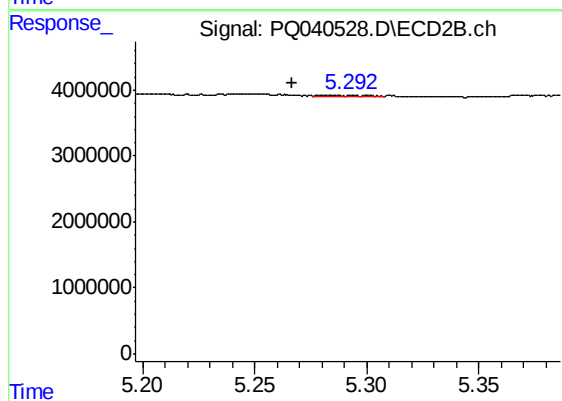
#9 AR-1221-2

R.T.: 5.171 min
Delta R.T.: 0.008 min
Response: 888395
Conc: 54.54 ng/ml



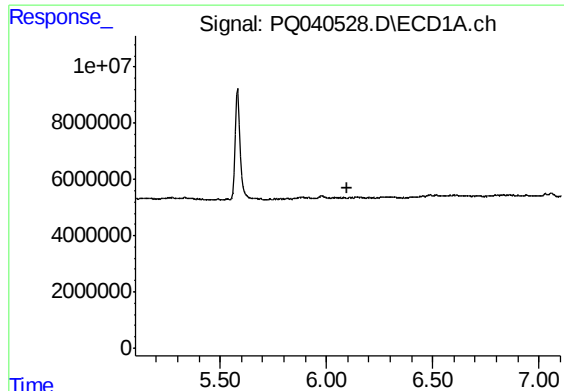
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

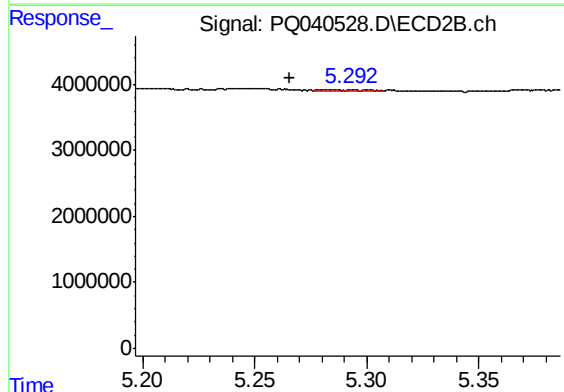
R.T.: 5.280 min
Delta R.T.: 0.014 min
Response: 176027
Conc: 2.89 ng/ml



#11 AR-1232-1

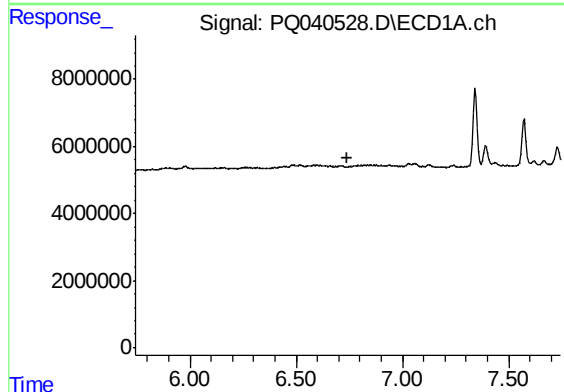
R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254354



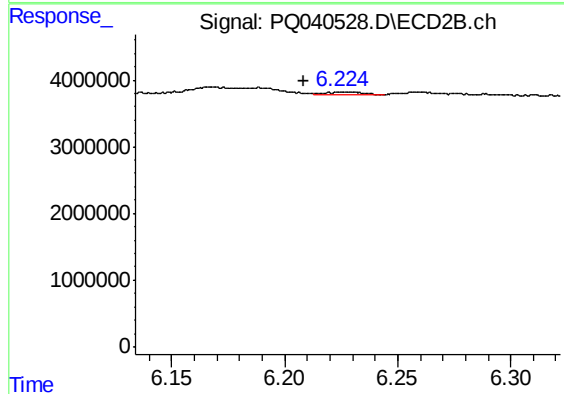
#11 AR-1232-1

R.T.: 5.280 min
Delta R.T.: 0.015 min
Response: 176027
Conc: 3.84 ng/ml



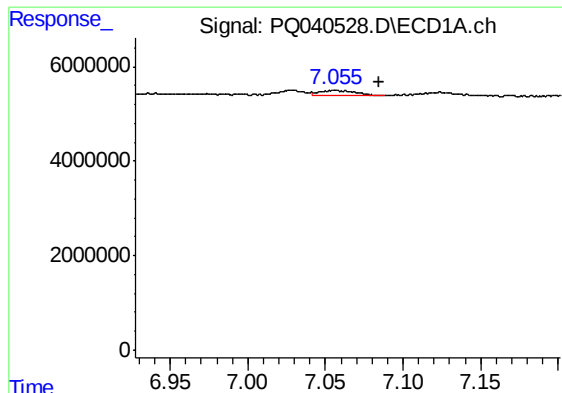
#12 AR-1232-2

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



#12 AR-1232-2

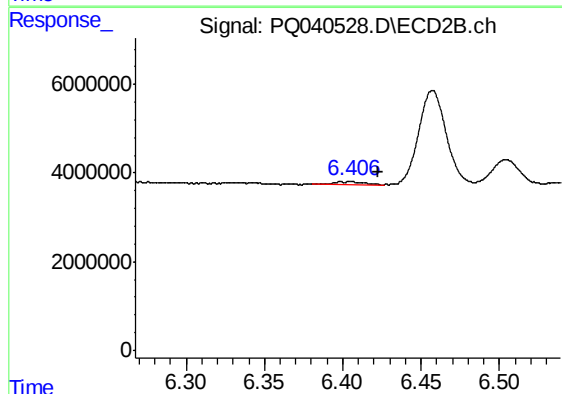
R.T.: 6.225 min
Delta R.T.: 0.017 min
Response: 405230
Conc: 6.76 ng/ml



#13 AR-1232-3

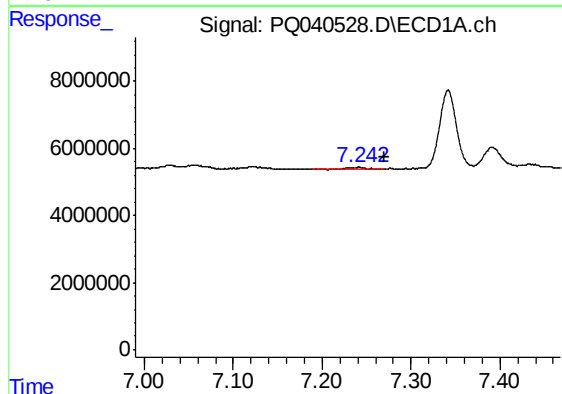
R.T.: 7.056 min
Delta R.T.: -0.029 min
Response: 1608157
Conc: 19.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



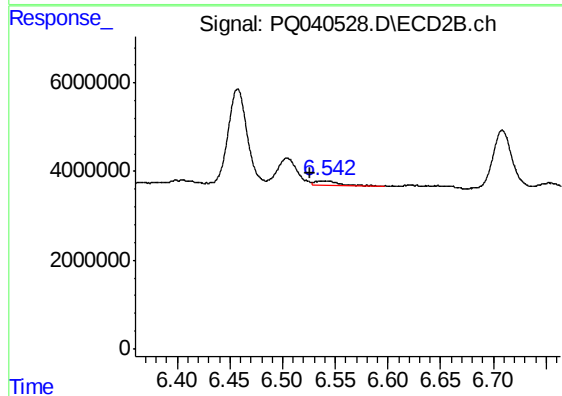
#13 AR-1232-3

R.T.: 6.405 min
Delta R.T.: -0.017 min
Response: 941956
Conc: 26.78 ng/ml



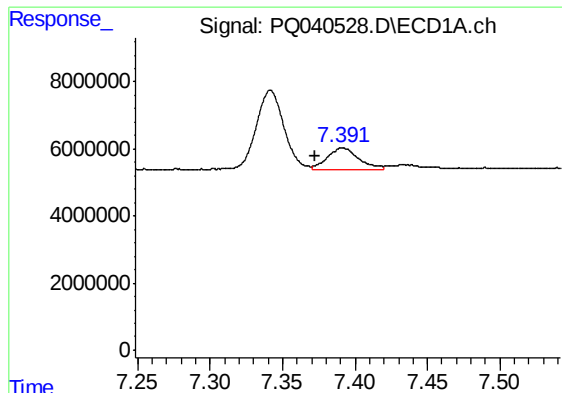
#14 AR-1232-4

R.T.: 7.241 min
Delta R.T.: -0.029 min
Response: 1054241
Conc: 25.22 ng/ml



#14 AR-1232-4

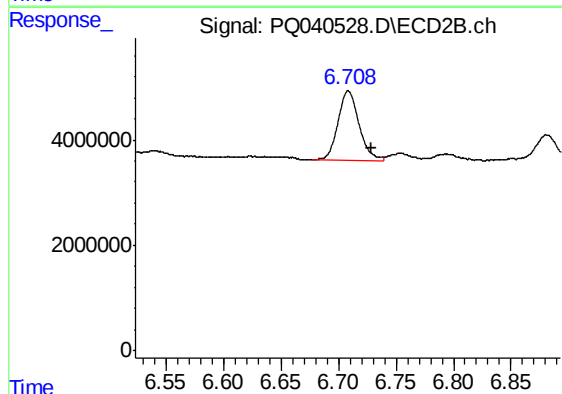
R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 1639378
Conc: 55.48 ng/ml



#15 AR-1232-5

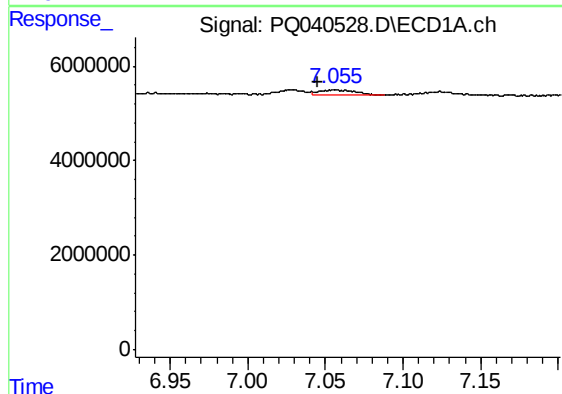
R.T.: 7.391 min
Delta R.T.: 0.019 min
Response: 9481002
Conc: 299.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



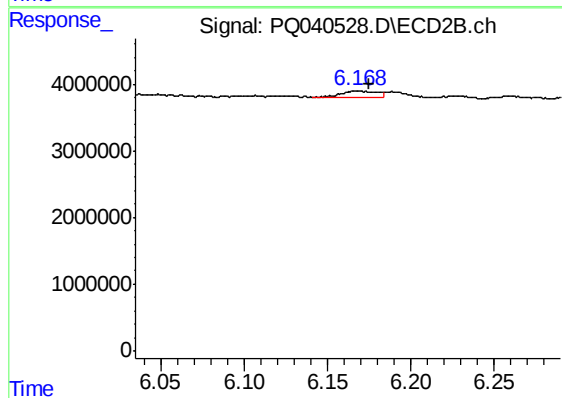
#15 AR-1232-5

R.T.: 6.709 min
Delta R.T.: -0.020 min
Response: 16735333
Conc: 555.91 ng/ml



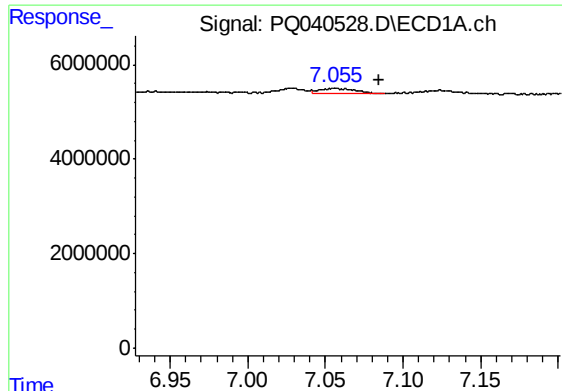
#16 AR-1242-1

R.T.: 7.056 min
Delta R.T.: 0.011 min
Response: 1608157
Conc: 16.59 ng/ml



#16 AR-1242-1

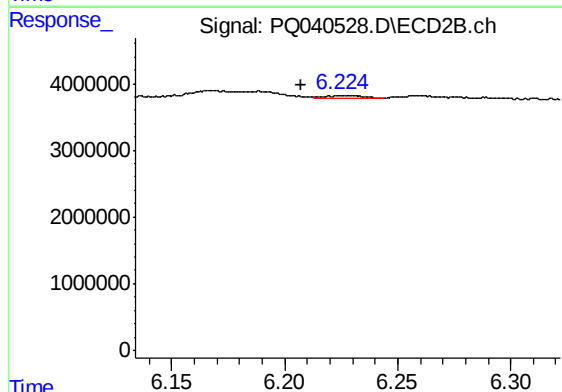
R.T.: 6.168 min
Delta R.T.: -0.007 min
Response: 1386722
Conc: 18.75 ng/ml



#17 AR-1242-2

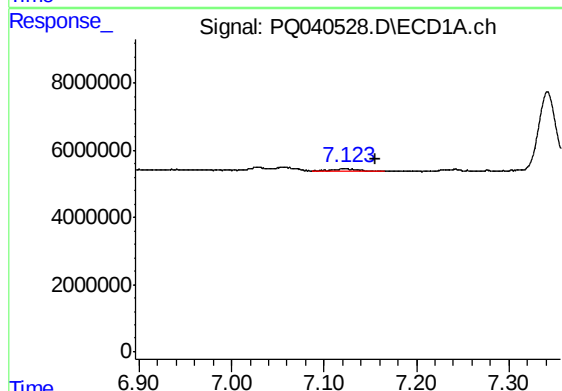
R.T.: 7.056 min
Delta R.T.: -0.029 min
Response: 1608157
Conc: 11.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



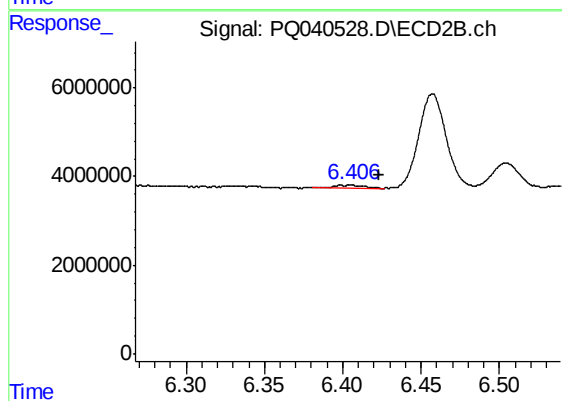
#17 AR-1242-2

R.T.: 6.225 min
Delta R.T.: 0.018 min
Response: 405230
Conc: 3.81 ng/ml



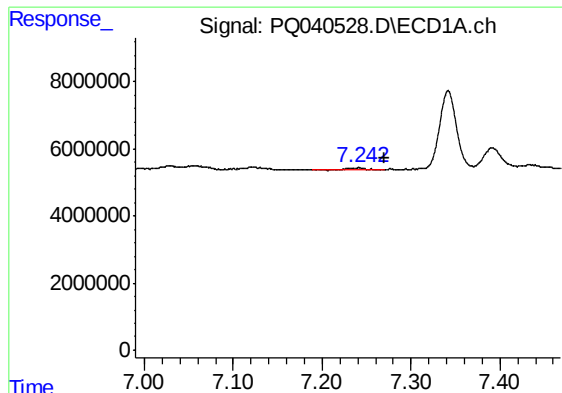
#18 AR-1242-3

R.T.: 7.124 min
Delta R.T.: -0.031 min
Response: 1333884
Conc: 14.33 ng/ml



#18 AR-1242-3

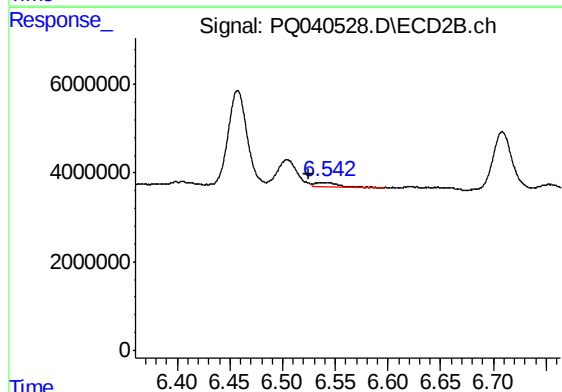
R.T.: 6.405 min
Delta R.T.: -0.018 min
Response: 941956
Conc: 15.61 ng/ml



#19 AR-1242-4

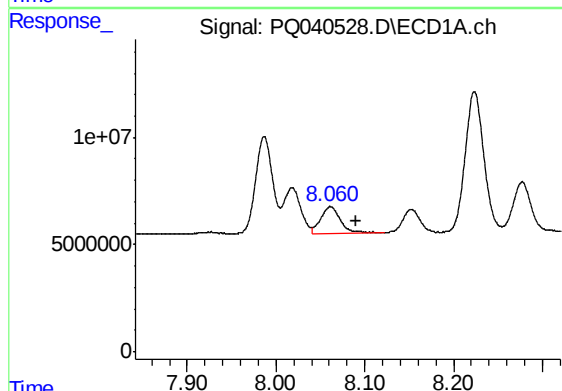
R.T.: 7.241 min
Delta R.T.: -0.029 min
Response: 1054241
Conc: 14.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



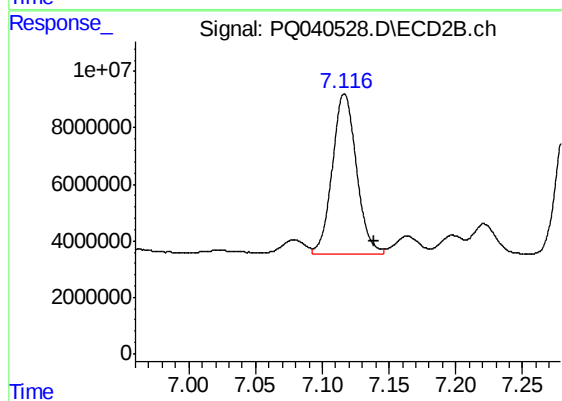
#19 AR-1242-4

R.T.: 6.540 min
Delta R.T.: 0.015 min
Response: 1639378
Conc: 27.51 ng/ml



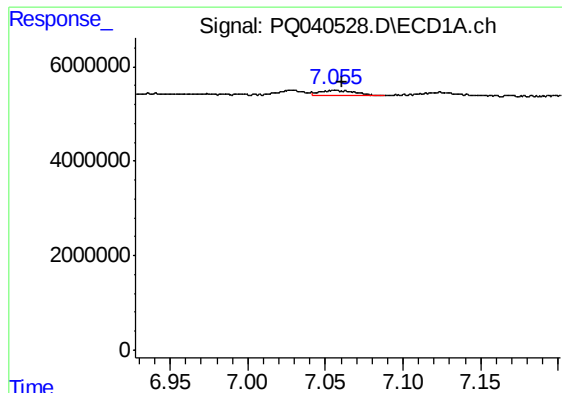
#20 AR-1242-5

R.T.: 8.061 min
Delta R.T.: -0.029 min
Response: 19077753
Conc: 220.06 ng/ml



#20 AR-1242-5

R.T.: 7.117 min
Delta R.T.: -0.022 min
Response: 70996182
Conc: 880.97 ng/ml



#21 AR-1248-1

R.T.: 7.056 min
Delta R.T.: -0.005 min
Response: 1608157
Conc: 20.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354

#21 AR-1248-1

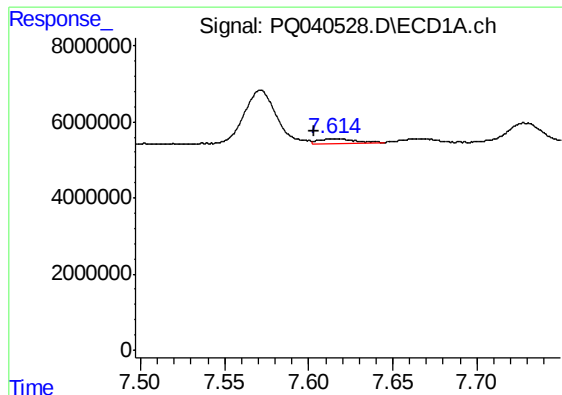
R.T.: 6.189 min
Delta R.T.: 0.001 min
Response: 923438
Conc: 16.03 ng/ml

#22 AR-1248-2

R.T.: 7.391 min
Delta R.T.: 0.017 min
Response: 9481002
Conc: 84.18 ng/ml

#22 AR-1248-2

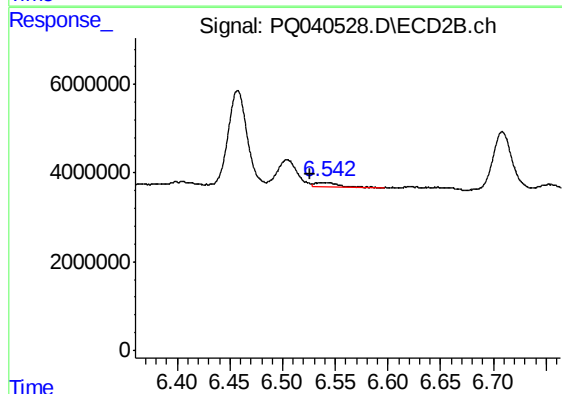
R.T.: 6.457 min
Delta R.T.: -0.020 min
Response: 26725888
Conc: 303.98 ng/ml



#23 AR-1248-3

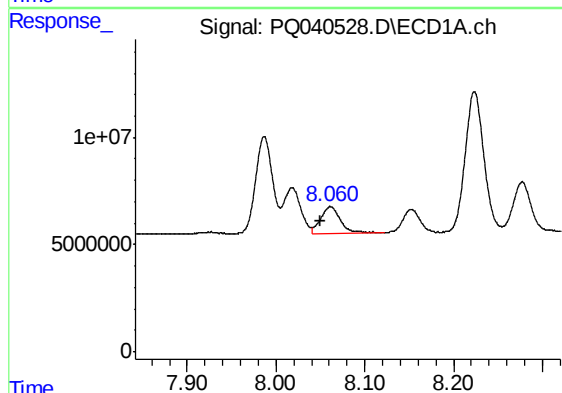
R.T.: 7.616 min
Delta R.T.: 0.012 min
Response: 1860190
Conc: 13.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



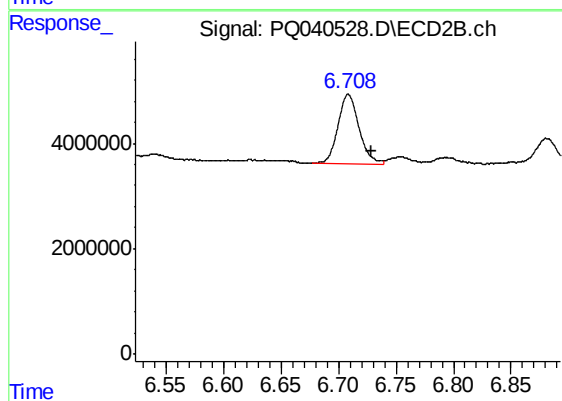
#23 AR-1248-3

R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 1639378
Conc: 18.12 ng/ml



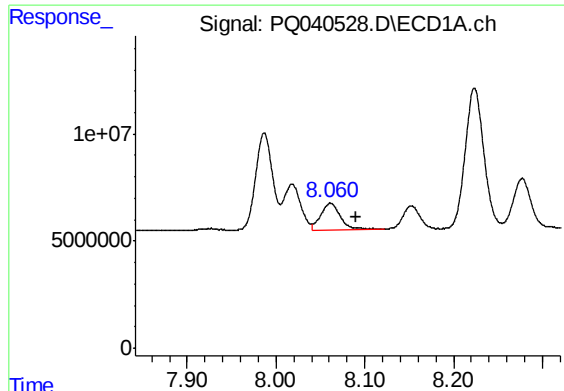
#24 AR-1248-4

R.T.: 8.061 min
Delta R.T.: 0.011 min
Response: 19077753
Conc: 126.37 ng/ml



#24 AR-1248-4

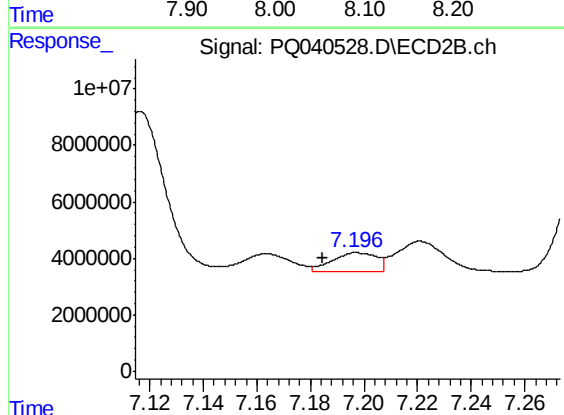
R.T.: 6.709 min
Delta R.T.: -0.021 min
Response: 16735333
Conc: 151.55 ng/ml



#25 AR-1248-5

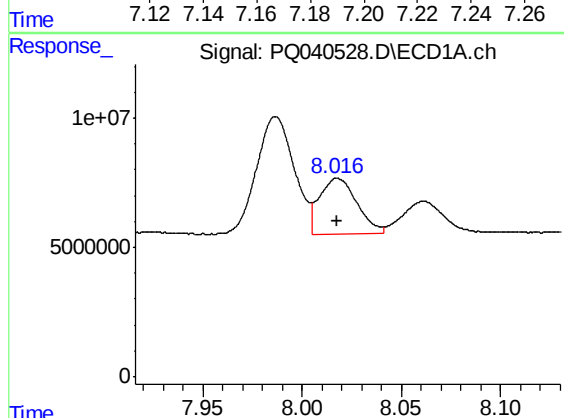
R.T.: 8.061 min
Delta R.T.: -0.029 min
Response: 19077753
Conc: 126.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



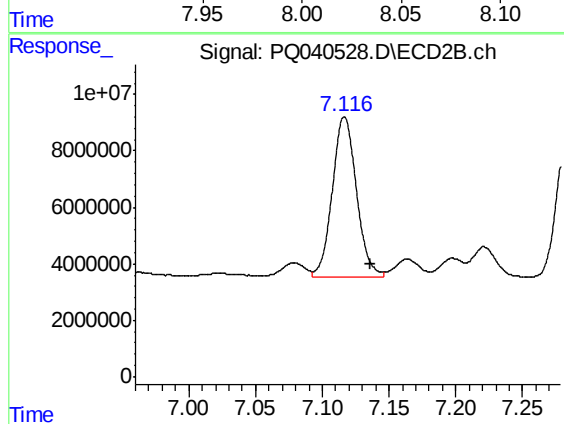
#25 AR-1248-5

R.T.: 7.197 min
Delta R.T.: 0.013 min
Response: 7567380
Conc: 66.65 ng/ml



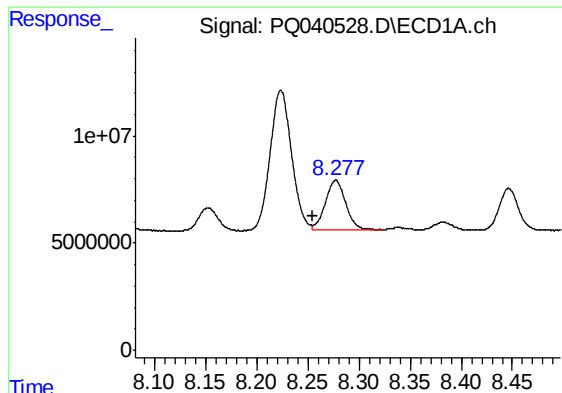
#26 AR-1254-1

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 28342247
Conc: 162.52 ng/ml



#26 AR-1254-1

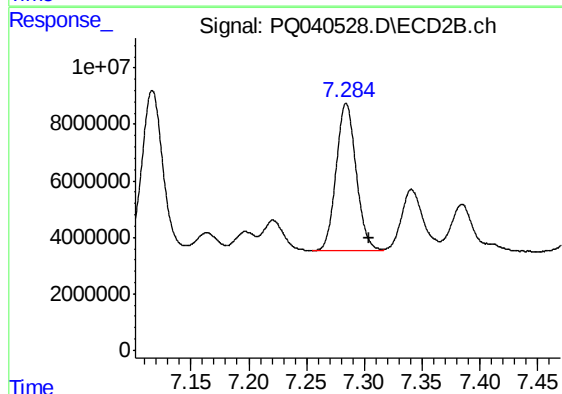
R.T.: 7.117 min
Delta R.T.: -0.020 min
Response: 70996182
Conc: 370.67 ng/ml



#27 AR-1254-2

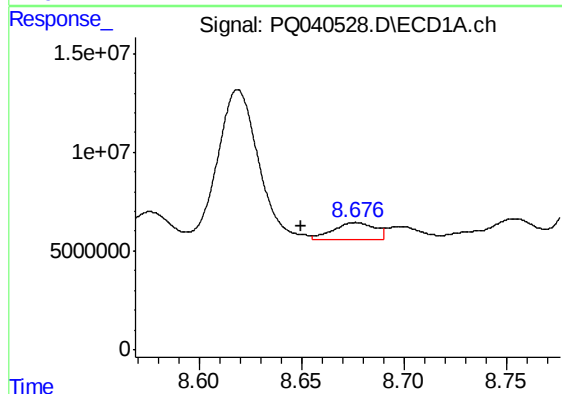
R.T.: 8.277 min
Delta R.T.: 0.023 min
Response: 32019171
Conc: 115.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



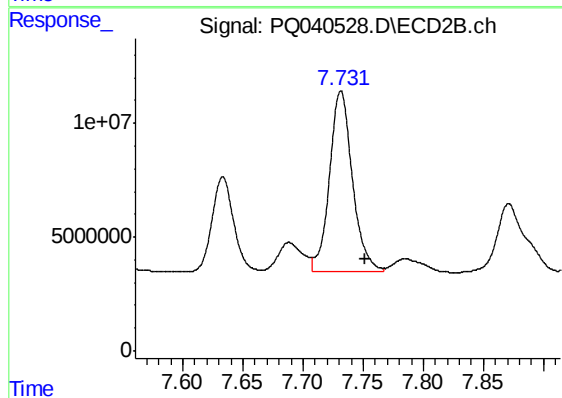
#27 AR-1254-2

R.T.: 7.284 min
Delta R.T.: -0.020 min
Response: 63194987
Conc: 363.75 ng/ml



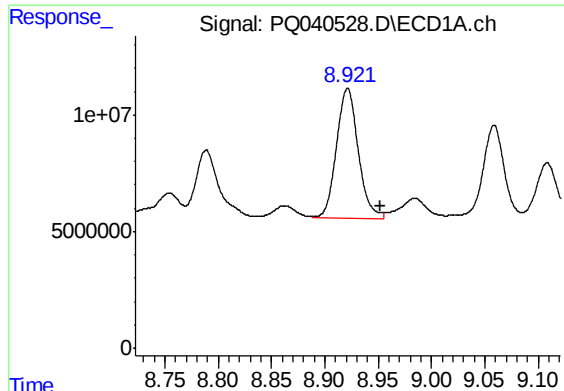
#28 AR-1254-3

R.T.: 8.676 min
Delta R.T.: 0.027 min
Response: 12141411
Conc: 40.91 ng/ml



#28 AR-1254-3

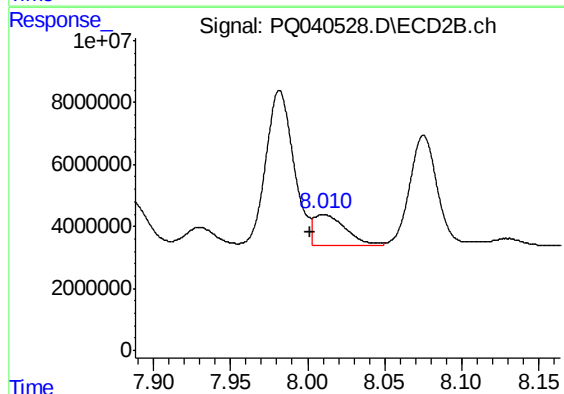
R.T.: 7.732 min
Delta R.T.: -0.020 min
Response: 105714074
Conc: 365.81 ng/ml



#29 AR-1254-4

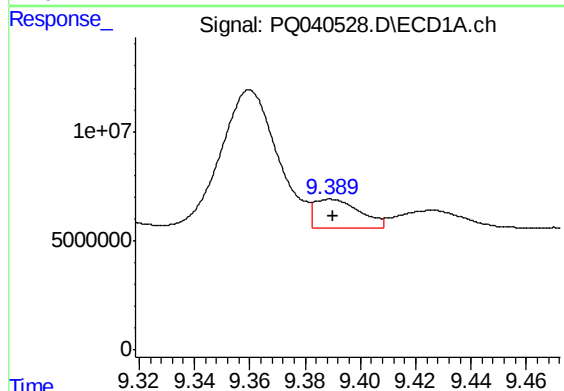
R.T.: 8.921 min
Delta R.T.: -0.030 min
Response: 79381926
Conc: 381.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



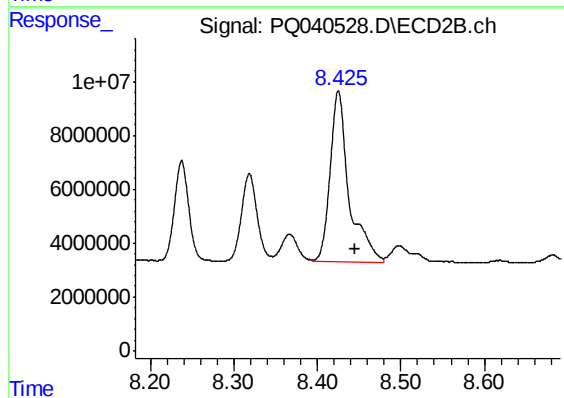
#29 AR-1254-4

R.T.: 8.011 min
Delta R.T.: 0.009 min
Response: 14003480
Conc: 78.43 ng/ml



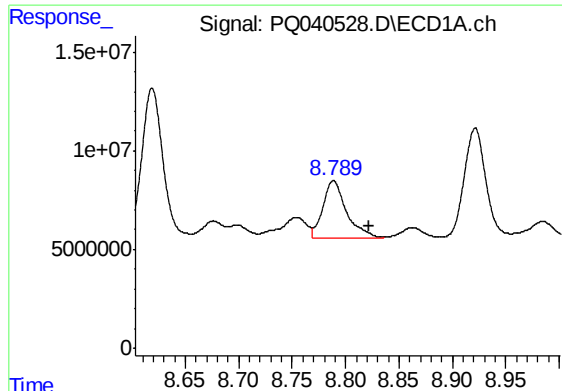
#30 AR-1254-5

R.T.: 9.389 min
Delta R.T.: 0.000 min
Response: 15387172
Conc: 53.43 ng/ml



#30 AR-1254-5

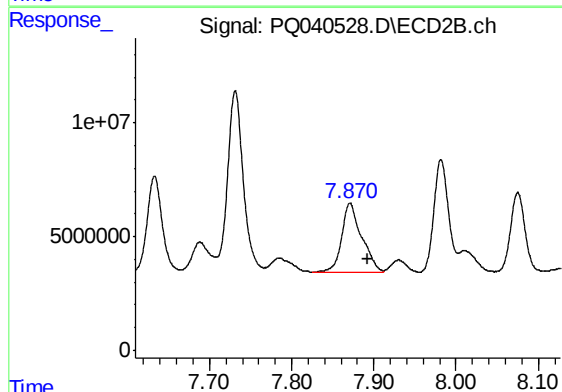
R.T.: 8.425 min
Delta R.T.: -0.020 min
Response: 100299989
Conc: 389.32 ng/ml



#31 AR-1260-1

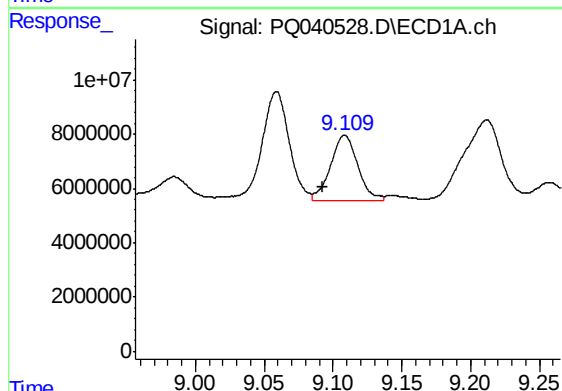
R.T.: 8.789 min
Delta R.T.: -0.034 min
Response: 44938171
Conc: 135.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



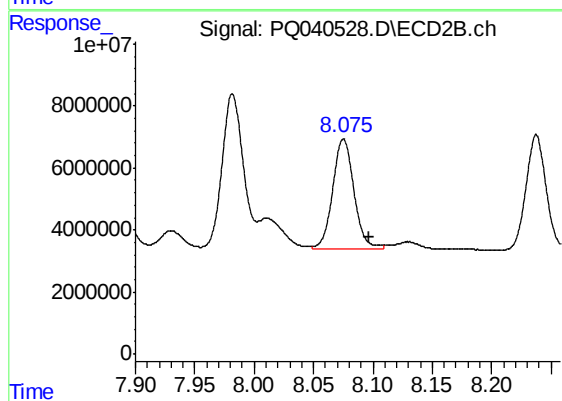
#31 AR-1260-1

R.T.: 7.871 min
Delta R.T.: -0.021 min
Response: 51011369
Conc: 186.08 ng/ml



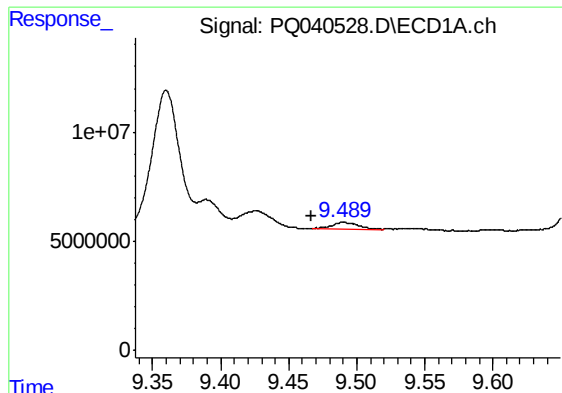
#32 AR-1260-2

R.T.: 9.108 min
Delta R.T.: 0.016 min
Response: 32887684
Conc: 81.41 ng/ml



#32 AR-1260-2

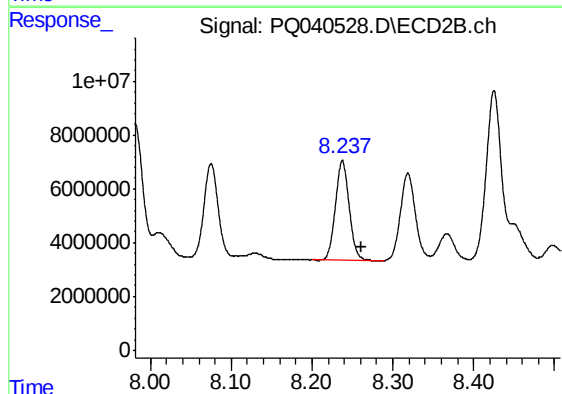
R.T.: 8.075 min
Delta R.T.: -0.022 min
Response: 44441640
Conc: 128.48 ng/ml



#33 AR-1260-3

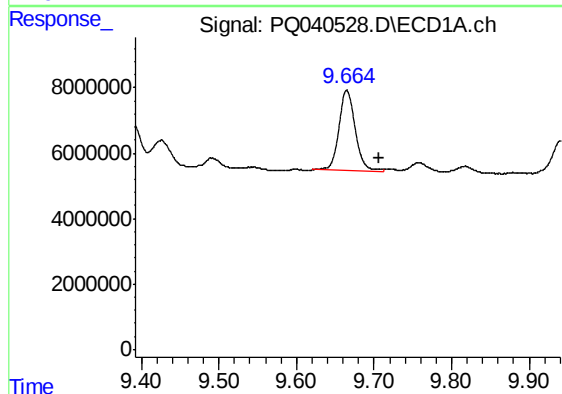
R.T.: 9.491 min
Delta R.T.: 0.024 min
Response: 4308163
Conc: 13.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



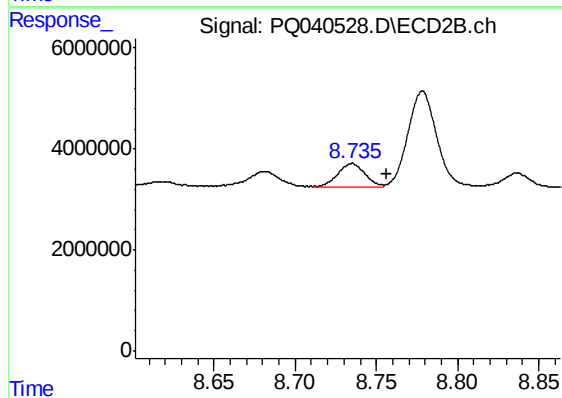
#33 AR-1260-3

R.T.: 8.238 min
Delta R.T.: -0.023 min
Response: 43807707
Conc: 136.60 ng/ml



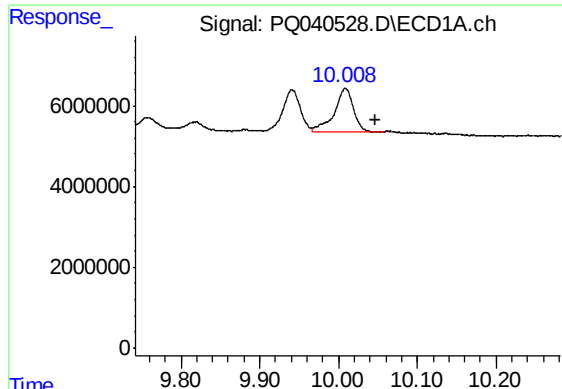
#34 AR-1260-4

R.T.: 9.665 min
Delta R.T.: -0.043 min
Response: 35673780
Conc: 96.80 ng/ml



#34 AR-1260-4

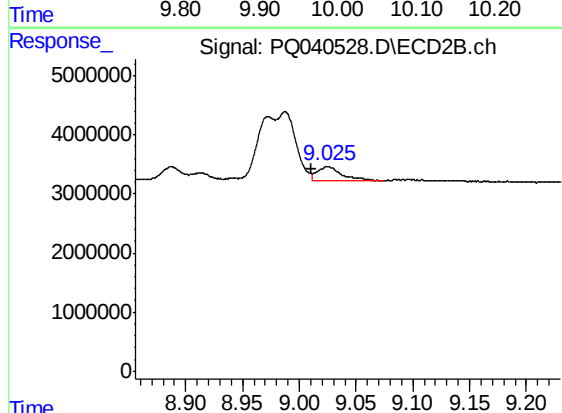
R.T.: 8.735 min
Delta R.T.: -0.022 min
Response: 5334545
Conc: 19.63 ng/ml



#35 AR-1260-5

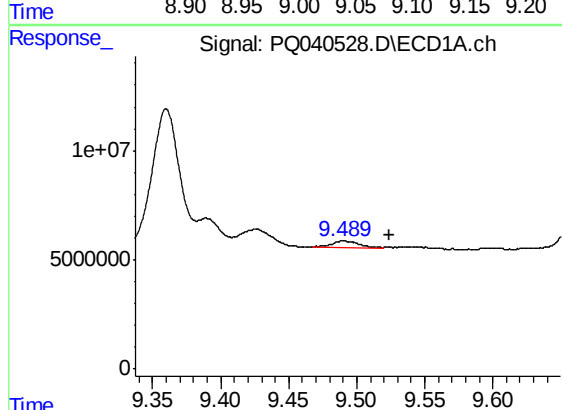
R.T.: 10.009 min
Delta R.T.: -0.038 min
Response: 18234416
Conc: 23.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



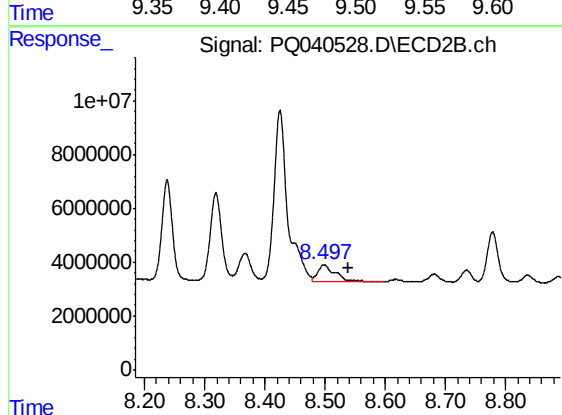
#35 AR-1260-5

R.T.: 9.025 min
Delta R.T.: 0.015 min
Response: 3715633
Conc: 5.53 ng/ml



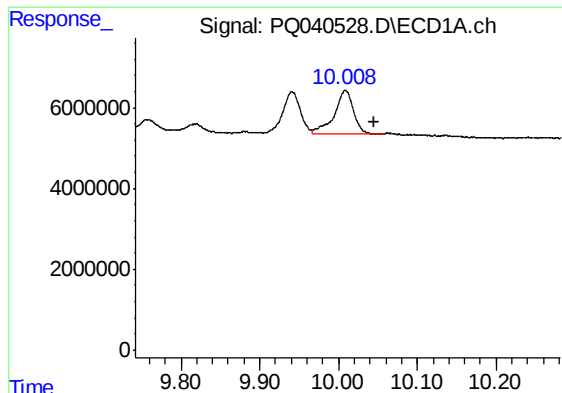
#36 AR-1262-1

R.T.: 9.491 min
Delta R.T.: -0.033 min
Response: 4308163
Conc: 30.99 ng/ml



#36 AR-1262-1

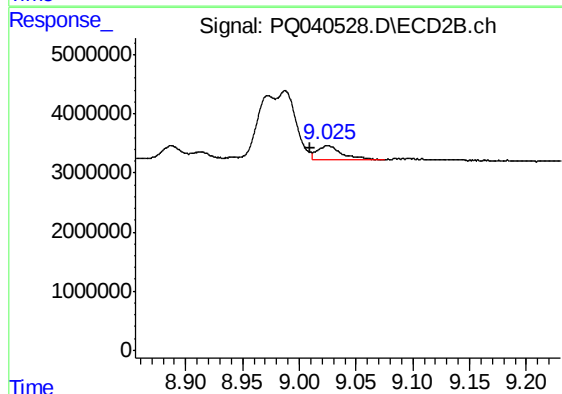
R.T.: 8.498 min
Delta R.T.: -0.041 min
Response: 12257230
Conc: 107.95 ng/ml



#37 AR-1262-2

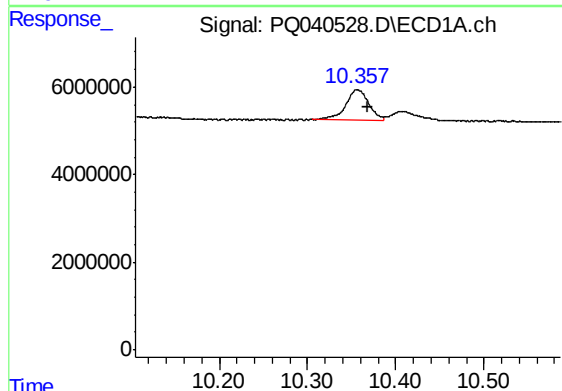
R.T.: 10.009 min
Delta R.T.: -0.036 min
Response: 18234416
Conc: 31.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



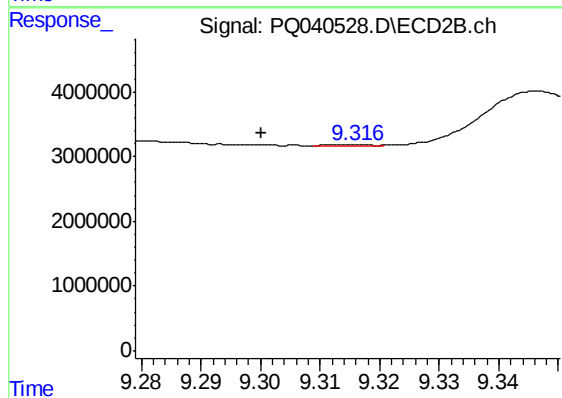
#37 AR-1262-2

R.T.: 9.025 min
Delta R.T.: 0.015 min
Response: 3715633
Conc: 7.49 ng/ml



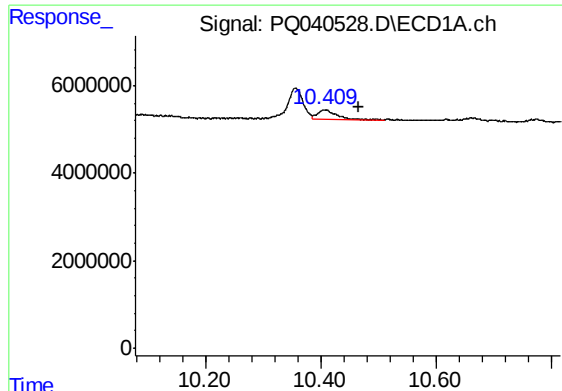
#38 AR-1262-3

R.T.: 10.357 min
Delta R.T.: -0.012 min
Response: 12506976
Conc: 29.58 ng/ml



#38 AR-1262-3

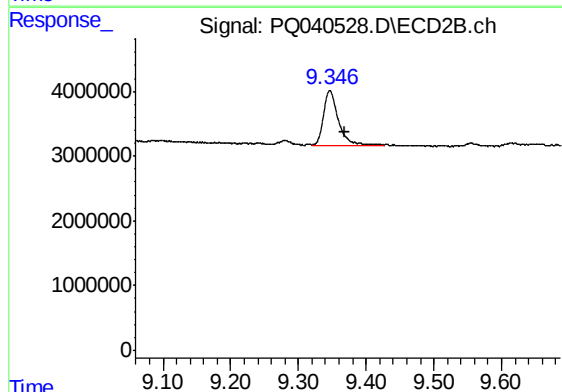
R.T.: 9.316 min
Delta R.T.: 0.015 min
Response: 35409
Conc: 0.17 ng/ml



#39 AR-1262-4

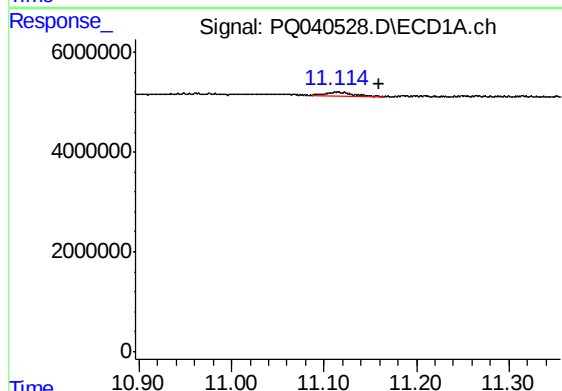
R.T.: 10.408 min
Delta R.T.: -0.059 min
Response: 4527736
Conc: 11.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



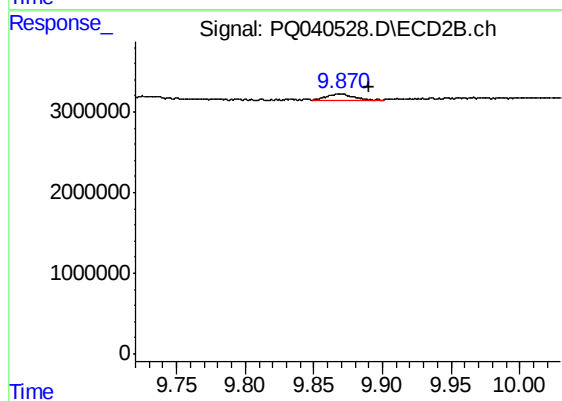
#39 AR-1262-4

R.T.: 9.347 min
Delta R.T.: -0.022 min
Response: 12543213
Conc: 33.13 ng/ml



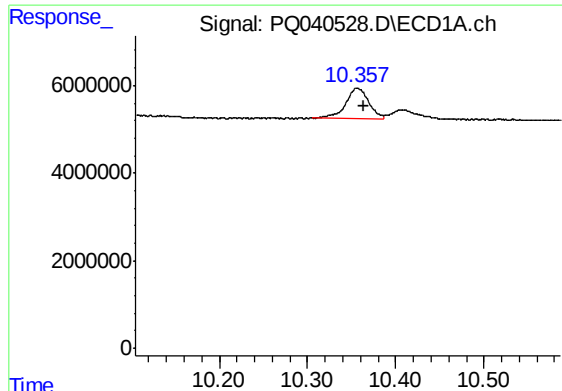
#40 AR-1262-5

R.T.: 11.114 min
Delta R.T.: -0.046 min
Response: 1551757
Conc: 6.60 ng/ml



#40 AR-1262-5

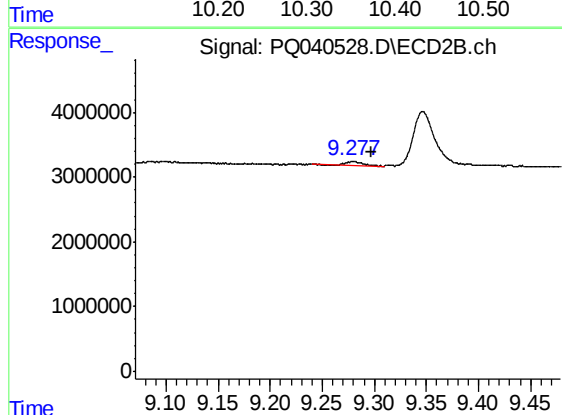
R.T.: 9.869 min
Delta R.T.: -0.020 min
Response: 1029218
Conc: 6.35 ng/ml



#41 AR-1268-1

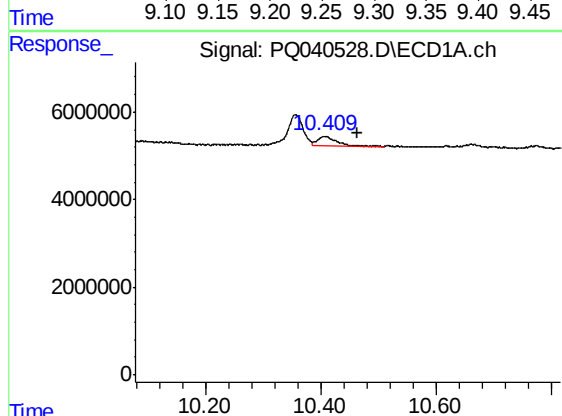
R.T.: 10.357 min
Delta R.T.: -0.007 min
Response: 12506976
Conc: 20.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



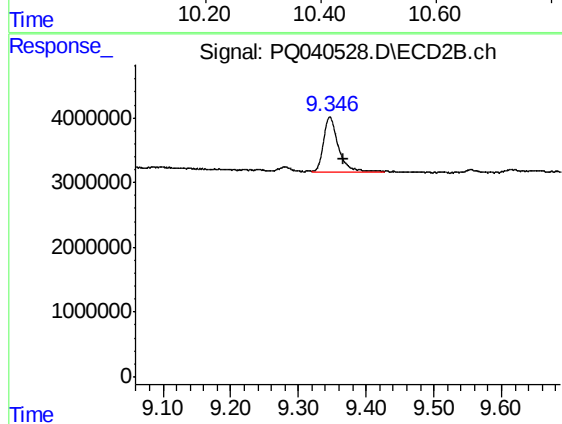
#41 AR-1268-1

R.T.: 9.279 min
Delta R.T.: -0.018 min
Response: 603172
Conc: 1.32 ng/ml



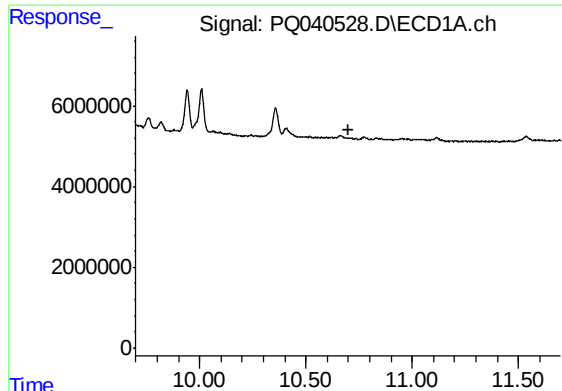
#42 AR-1268-2

R.T.: 10.408 min
Delta R.T.: -0.056 min
Response: 4527736
Conc: 7.36 ng/ml



#42 AR-1268-2

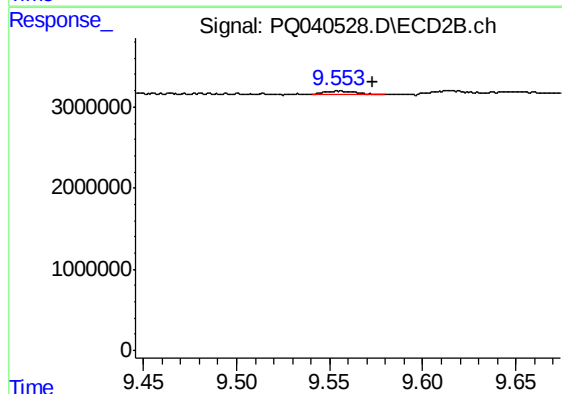
R.T.: 9.347 min
Delta R.T.: -0.019 min
Response: 12543213
Conc: 28.69 ng/ml



#43 AR-1268-3

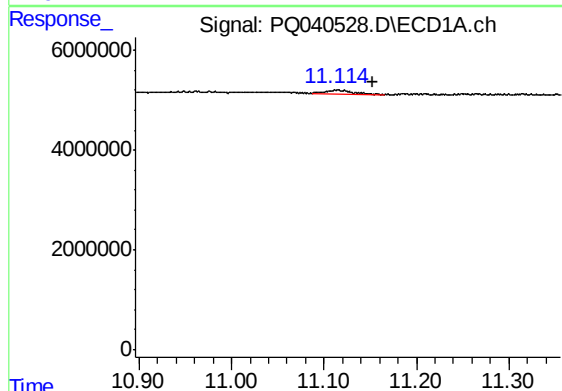
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254354



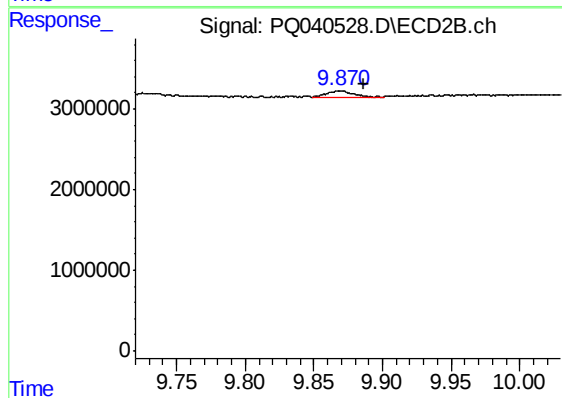
#43 AR-1268-3

R.T.: 9.555 min
Delta R.T.: -0.018 min
Response: 469380
Conc: 1.25 ng/ml



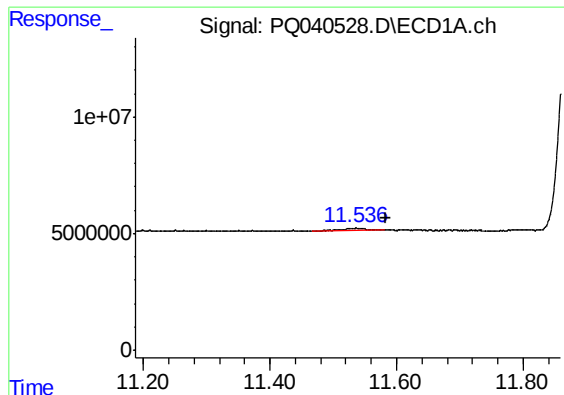
#44 AR-1268-4

R.T.: 11.114 min
Delta R.T.: -0.039 min
Response: 1551757
Conc: 7.61 ng/ml



#44 AR-1268-4

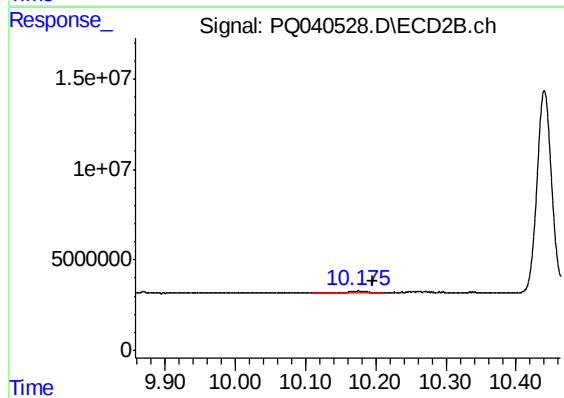
R.T.: 9.869 min
Delta R.T.: -0.017 min
Response: 1029218
Conc: 7.47 ng/ml



#45 AR-1268-5

R.T.: 11.535 min
Delta R.T.: -0.047 min
Response: 2732795
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254354



#45 AR-1268-5

R.T.: 10.174 min
Delta R.T.: -0.022 min
Response: 3004606
Conc: 2.55 ng/ml