

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
 Data File : PQ037775.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2019 20:24
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660364

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:53:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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...	4.214	3.651	109.1E6	55641769	19.178	21.124
2)	SA Decachlor...	9.662	8.534	111.0E6	81304609	21.973	35.045 #
Target Compounds							
3)	L1 AR-1016-1	5.377	4.724	155.2E6	85328726	537.101	553.076
4)	L1 AR-1016-2	5.377	4.724	155.2E6	85328726	347.376	355.470
5)	L1 AR-1016-3	5.437	4.899	89617815	44420463	340.967	364.796
6)	L1 AR-1016-4	5.537	4.937	73803843	35220883	335.697	377.121
7)	L1 AR-1016-5	5.859	5.148	30378673	44670415	141.326	356.631 #
8)	L2 AR-1221-1	4.421	3.855	8664241	5295238	138.272	155.622
9)	L2 AR-1221-2	4.511	3.942	10920913	6237882	247.999	260.080
10)	L2 AR-1221-3	4.586	4.015	51813227	29026917	337.089	343.245
11)	L3 AR-1232-1	4.586	4.015	51813227	29026917	454.016	468.915
12)	L3 AR-1232-2	5.095	4.724	73624023	85328726	1259.339	1241.819
13)	L3 AR-1232-3	5.377	4.899	155.2E6	44420463	1242.742	1275.556
14)	L3 AR-1232-4	5.537	4.978	73803843	43722009	1154.932	1482.822 #
15)	L3 AR-1232-5	5.661	5.148	63102237	44670415	1383.606	1314.460
16)	L4 AR-1242-1	5.377	4.724	155.2E6	85328726	946.349	949.918
17)	L4 AR-1242-2	5.377	4.724	155.2E6	85328726	615.899	625.742
18)	L4 AR-1242-3	5.437	4.899	89617815	44420463	592.467	629.797
19)	L4 AR-1242-4	5.537	4.978	73803843	43722009	586.318	637.214
20)	L4 AR-1242-5	6.255	5.490	21998907	46419008	158.522	530.932 #
21)	L5 AR-1248-1	5.377	4.724	155.2E6	85328726	1318.984	1279.132
22)	L5 AR-1248-2	5.661	4.937	63102237	35220883	367.817	389.605
23)	L5 AR-1248-3	5.859	4.978	30378673	43722009	156.364	473.729 #
24)	L5 AR-1248-4	6.255	5.148	21998907	44670415	96.754	393.642 #
25)	L5 AR-1248-5	6.255	5.531	21998907	12178949	101.862	110.929
26)	L6 AR-1254-1	6.217	5.490	26341050	46419008	124.373	279.949 #
27)	L6 AR-1254-2	6.450	5.634	3501784	35337241	10.443	248.132 #
28)	L6 AR-1254-3	6.813	6.039	94244375	57727336	271.552	253.011
29)	L6 AR-1254-4	7.102	6.281	25377034	18558512	91.696	108.063
30)	L6 AR-1254-5	7.489	6.665	23292576	109.5E6	84.276	565.352 #
31)	L7 AR-1260-1	6.918	6.155	136.7E6	86435233	307.600	340.923
32)	L7 AR-1260-2	7.222	6.342	46739319	104.8E6	80.837	340.914 #
33)	L7 AR-1260-3	7.581	6.491	68671832	96574173	153.717	340.076 #
34)	L7 AR-1260-4	7.752	6.953	135.3E6	75284815	308.918	342.061
35)	L7 AR-1260-5	8.101	7.197	16411819	180.5E6	16.373	341.805 #
36)	L8 AR-1262-1	7.523	6.696	141.4E6	83956616	354.106	401.165
37)	L8 AR-1262-2	8.101	7.197	16411819	180.5E6	23.691	487.152 #
38)	L8 AR-1262-3	8.367	7.469	84804313	36721492	283.224	251.240
39)	L8 AR-1262-4	8.415	7.537	94404977	124.2E6	268.674	465.567 #
40)	L8 AR-1262-5	9.024	8.030	78733838	38798465	330.136	332.094
41)	L9 AR-1268-1	8.367	7.469	84804313	36721492	63.258	56.059

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 Acq On : 04 Mar 2019 20:24
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

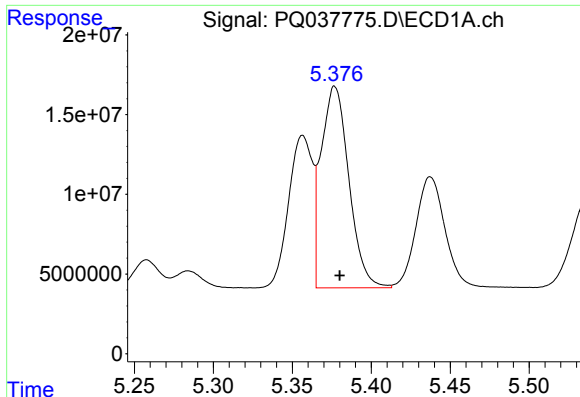
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660364

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:53:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
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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
42) L9	AR-1268-2	8.415	7.537	94404977	124.2E6	76.636	207.606 #
43) L9	AR-1268-3	8.619	7.729	3650392	1977324	3.331	3.972
44) L9	AR-1268-4	9.024	8.030	78733838	38798465	197.398	197.950
45) L9	AR-1268-5	9.381	8.303	19937159	9807069	6.133	6.373

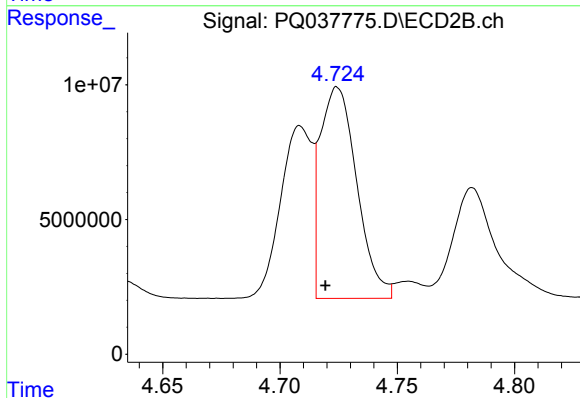
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

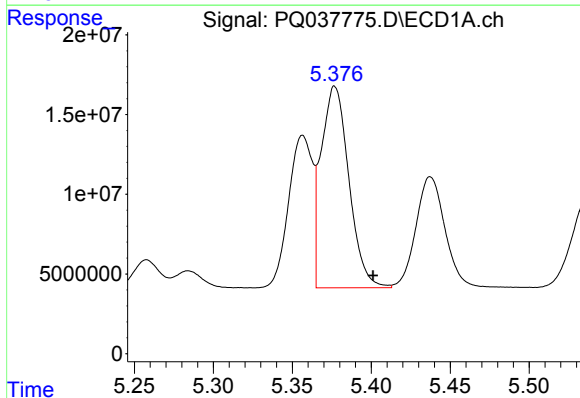
R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 155235909
Conc: 537.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



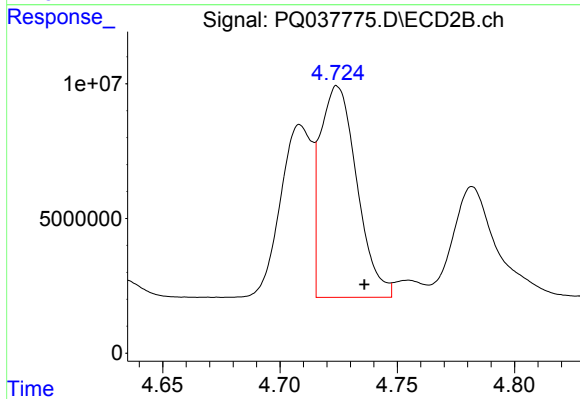
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: 0.005 min
Response: 85328726
Conc: 553.08 ng/ml



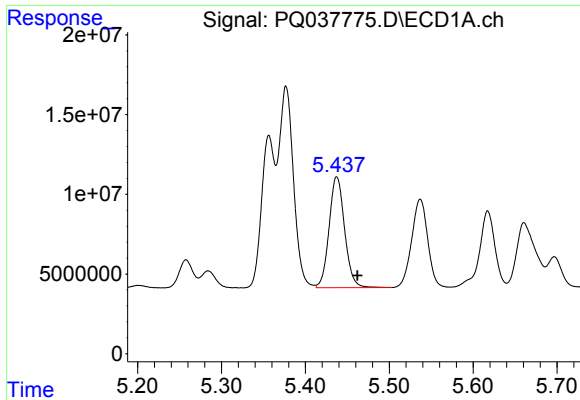
#4 AR-1016-2

R.T.: 5.377 min
Delta R.T.: -0.024 min
Response: 155235909
Conc: 347.38 ng/ml



#4 AR-1016-2

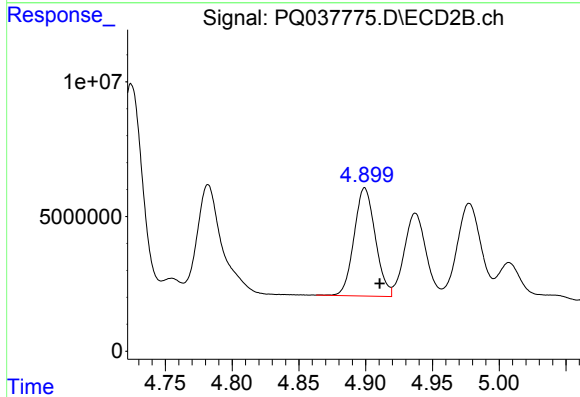
R.T.: 4.724 min
Delta R.T.: -0.012 min
Response: 85328726
Conc: 355.47 ng/ml



#5 AR-1016-3

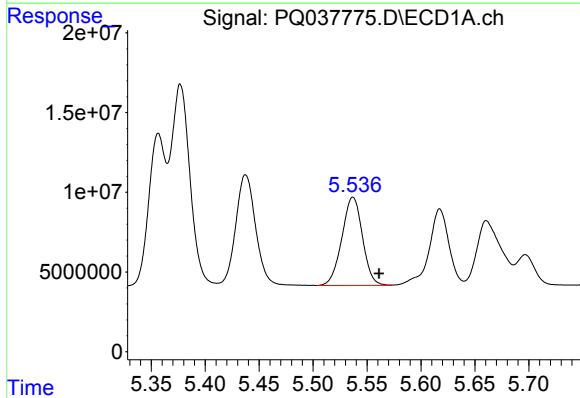
R.T.: 5.437 min
Delta R.T.: -0.024 min
Response: 89617815
Conc: 340.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



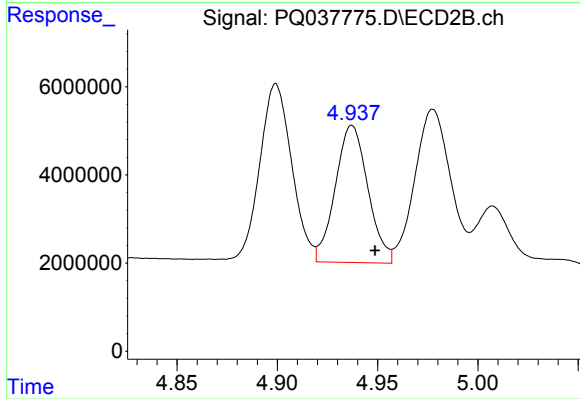
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.011 min
Response: 44420463
Conc: 364.80 ng/ml



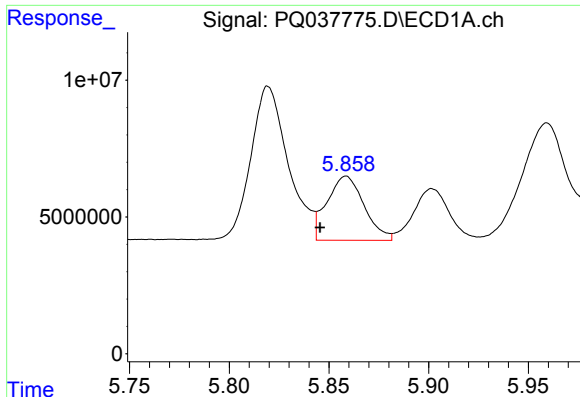
#6 AR-1016-4

R.T.: 5.537 min
Delta R.T.: -0.024 min
Response: 73803843
Conc: 335.70 ng/ml



#6 AR-1016-4

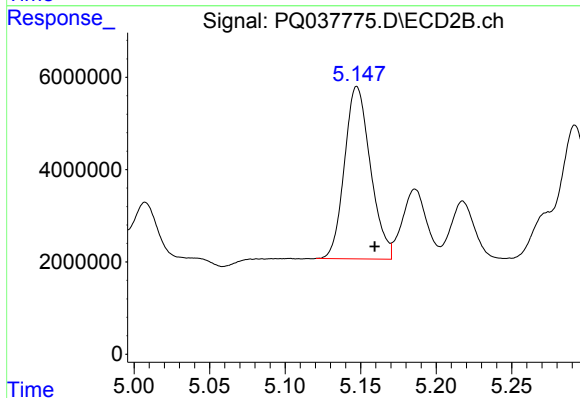
R.T.: 4.937 min
Delta R.T.: -0.012 min
Response: 35220883
Conc: 377.12 ng/ml



#7 AR-1016-5

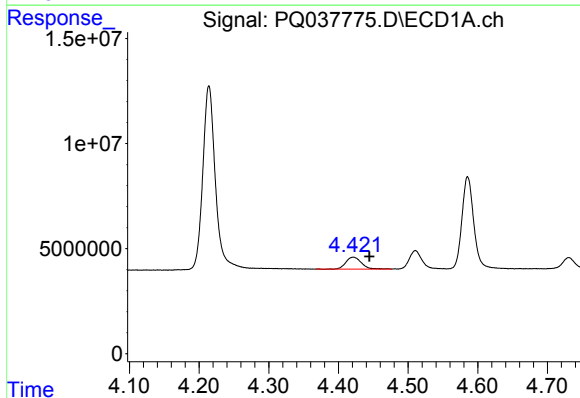
R.T.: 5.859 min
Delta R.T.: 0.013 min
Response: 30378673
Conc: 141.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



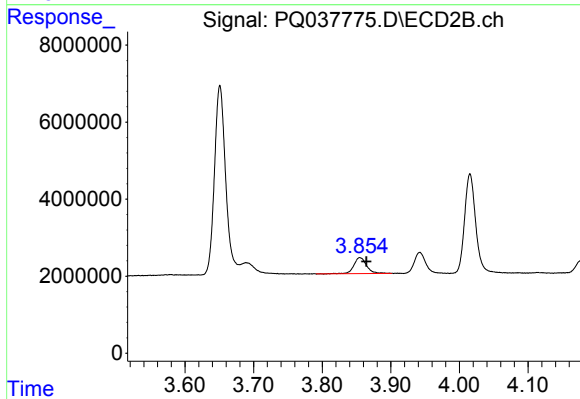
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 44670415
Conc: 356.63 ng/ml



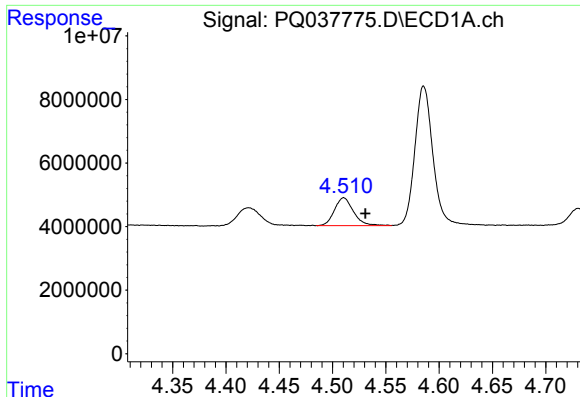
#8 AR-1221-1

R.T.: 4.421 min
Delta R.T.: -0.023 min
Response: 8664241
Conc: 138.27 ng/ml



#8 AR-1221-1

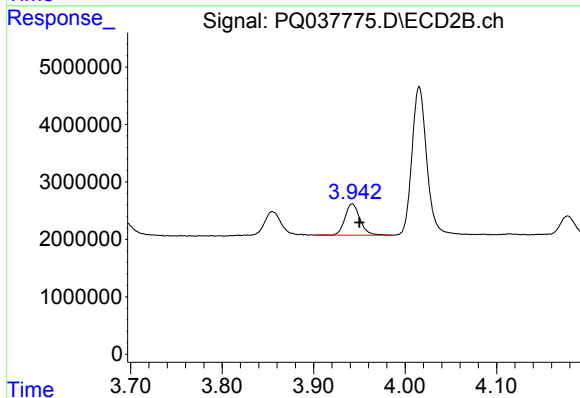
R.T.: 3.855 min
Delta R.T.: -0.009 min
Response: 5295238
Conc: 155.62 ng/ml



#9 AR-1221-2

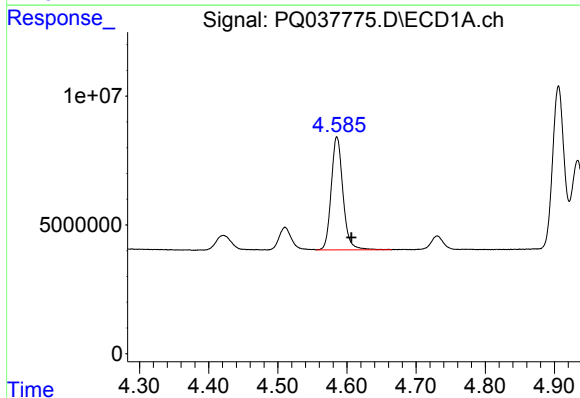
R.T.: 4.511 min
Delta R.T.: -0.020 min
Response: 10920913
Conc: 248.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



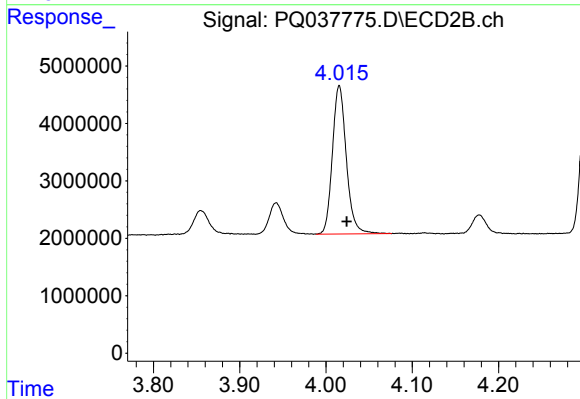
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: -0.008 min
Response: 6237882
Conc: 260.08 ng/ml



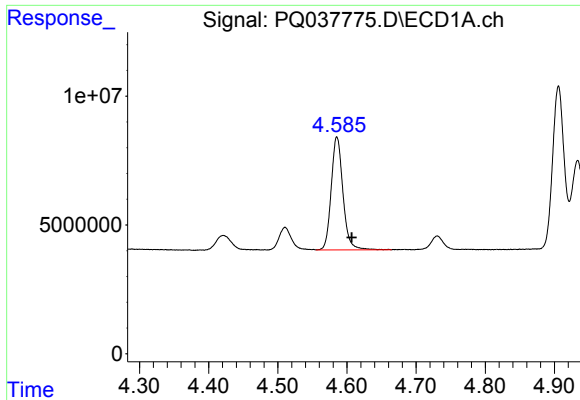
#10 AR-1221-3

R.T.: 4.586 min
Delta R.T.: -0.021 min
Response: 51813227
Conc: 337.09 ng/ml



#10 AR-1221-3

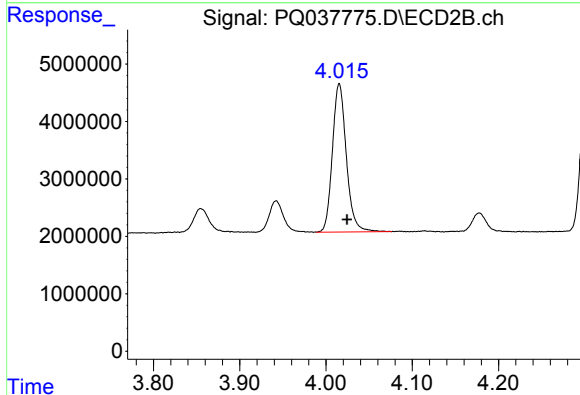
R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 29026917
Conc: 343.24 ng/ml



#11 AR-1232-1

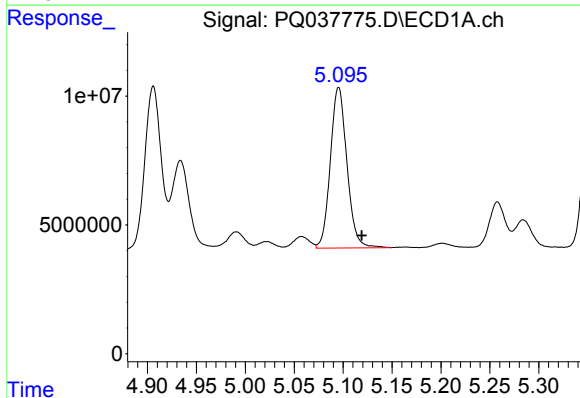
R.T.: 4.586 min
Delta R.T.: -0.021 min
Response: 51813227
Conc: 454.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



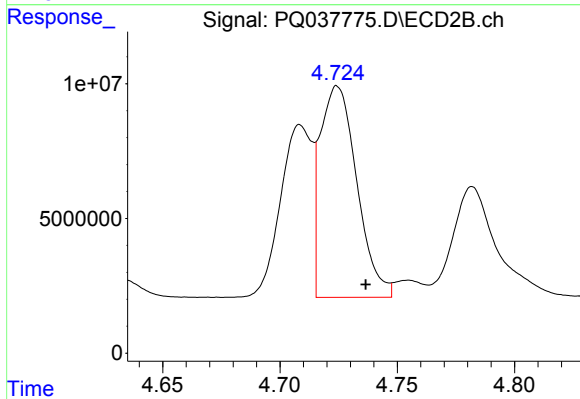
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 29026917
Conc: 468.91 ng/ml



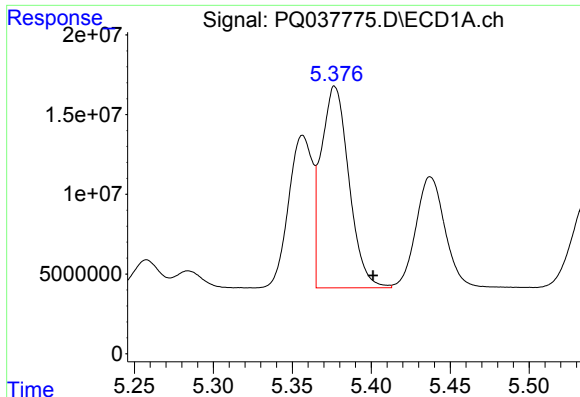
#12 AR-1232-2

R.T.: 5.095 min
Delta R.T.: -0.024 min
Response: 73624023
Conc: 1259.34 ng/ml



#12 AR-1232-2

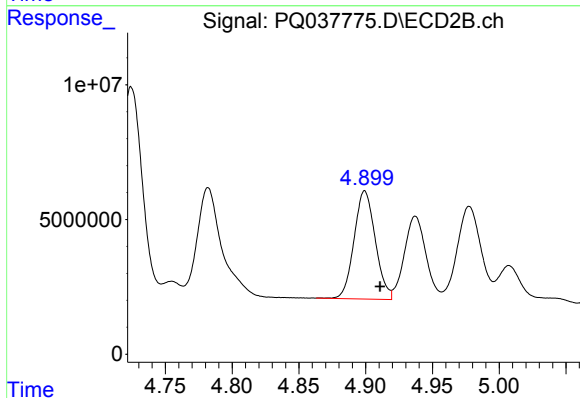
R.T.: 4.724 min
Delta R.T.: -0.012 min
Response: 85328726
Conc: 1241.82 ng/ml



#13 AR-1232-3

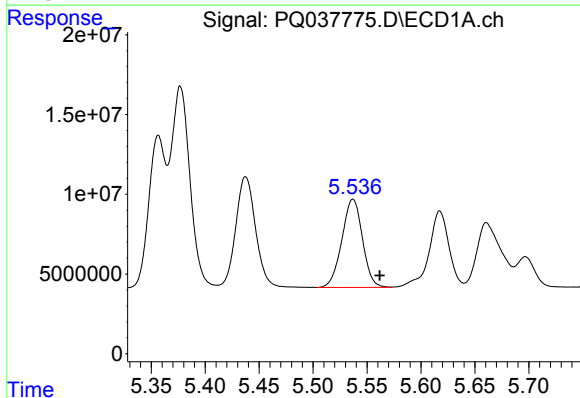
R.T.: 5.377 min
Delta R.T.: -0.024 min
Response: 155235909
Conc: 1242.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



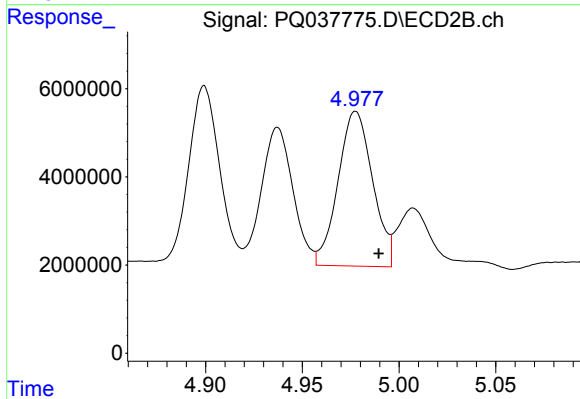
#13 AR-1232-3

R.T.: 4.899 min
Delta R.T.: -0.012 min
Response: 44420463
Conc: 1275.56 ng/ml



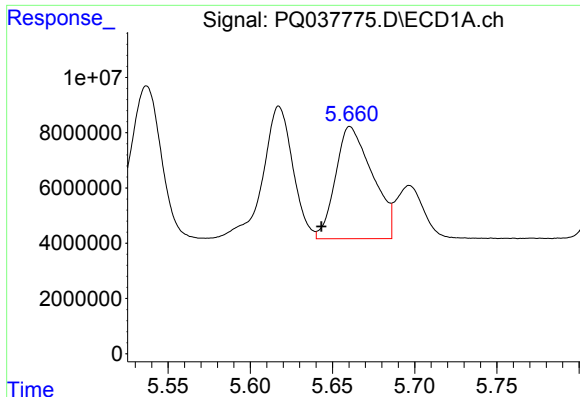
#14 AR-1232-4

R.T.: 5.537 min
Delta R.T.: -0.025 min
Response: 73803843
Conc: 1154.93 ng/ml



#14 AR-1232-4

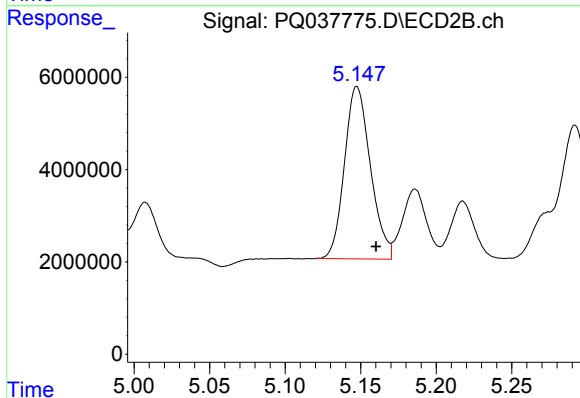
R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 43722009
Conc: 1482.82 ng/ml



#15 AR-1232-5

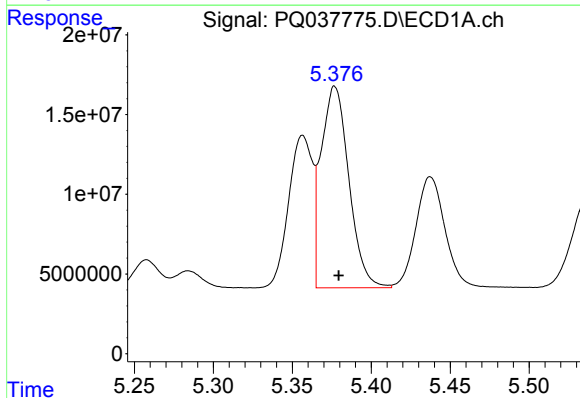
R.T.: 5.661 min
Delta R.T.: 0.017 min
Response: 63102237
Conc: 1383.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



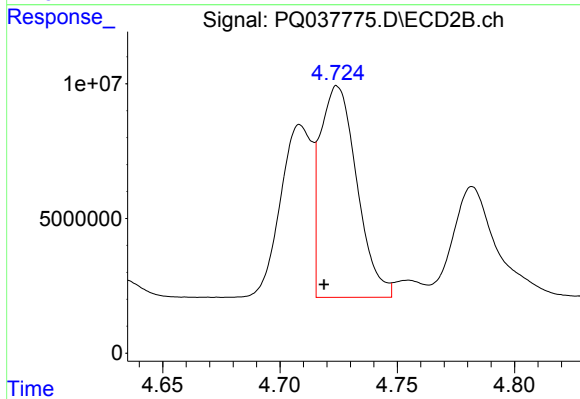
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.013 min
Response: 44670415
Conc: 1314.46 ng/ml



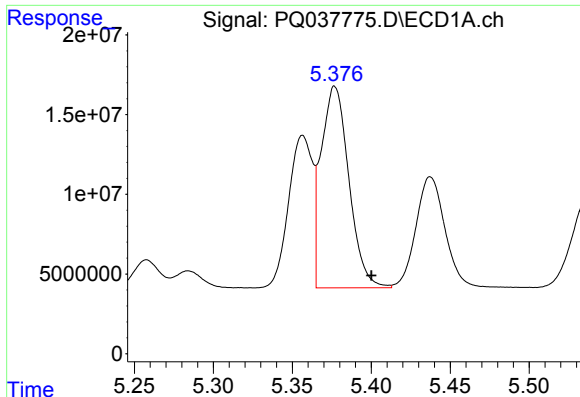
#16 AR-1242-1

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 155235909
Conc: 946.35 ng/ml



#16 AR-1242-1

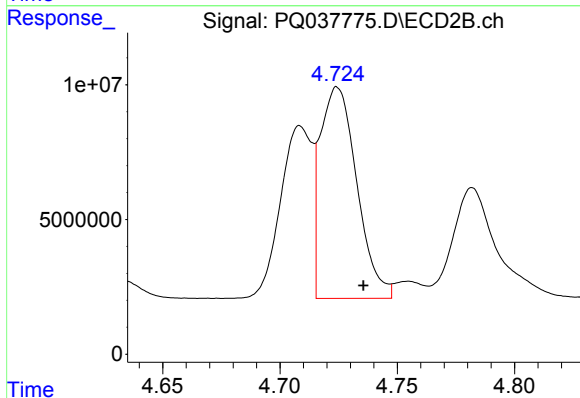
R.T.: 4.724 min
Delta R.T.: 0.006 min
Response: 85328726
Conc: 949.92 ng/ml



#17 AR-1242-2

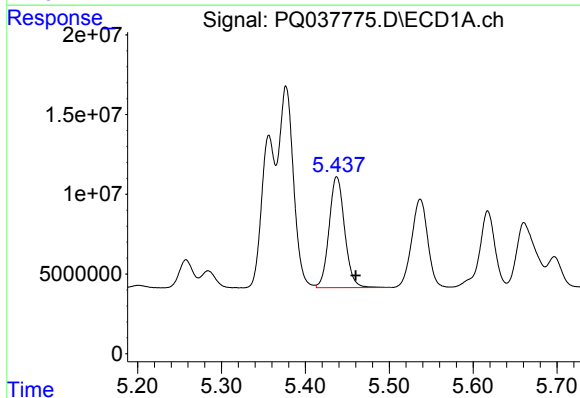
R.T.: 5.377 min
Delta R.T.: -0.023 min
Response: 155235909
Conc: 615.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



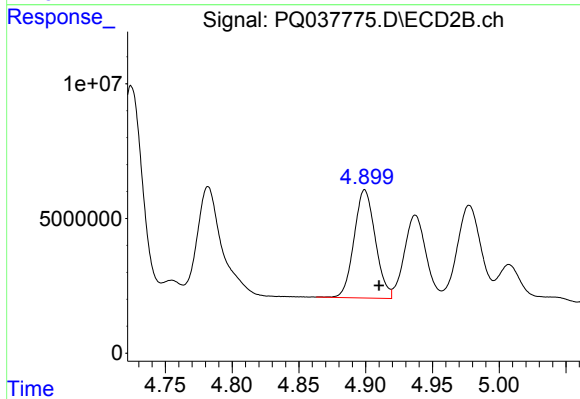
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.011 min
Response: 85328726
Conc: 625.74 ng/ml



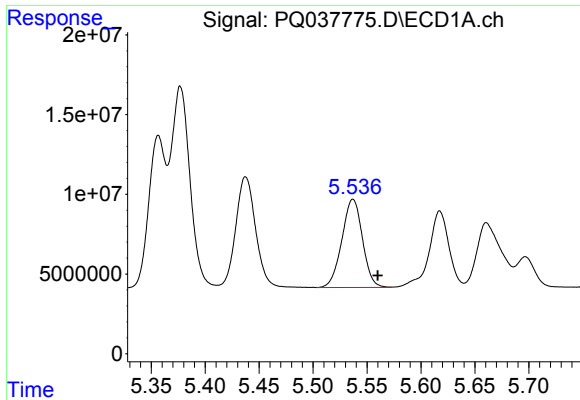
#18 AR-1242-3

R.T.: 5.437 min
Delta R.T.: -0.023 min
Response: 89617815
Conc: 592.47 ng/ml



#18 AR-1242-3

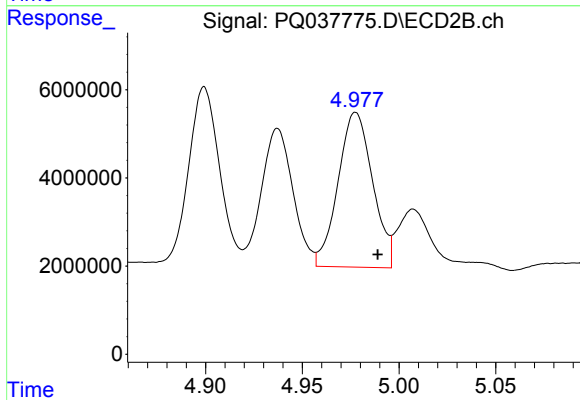
R.T.: 4.899 min
Delta R.T.: -0.011 min
Response: 44420463
Conc: 629.80 ng/ml



#19 AR-1242-4

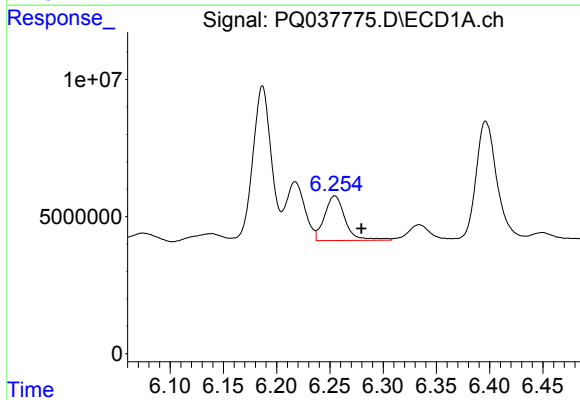
R.T.: 5.537 min
Delta R.T.: -0.023 min
Response: 73803843
Conc: 586.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



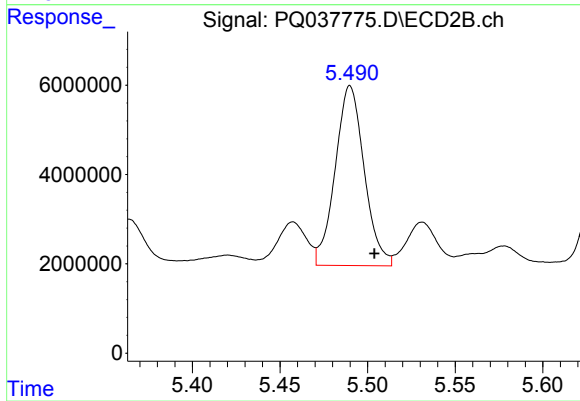
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 43722009
Conc: 637.21 ng/ml



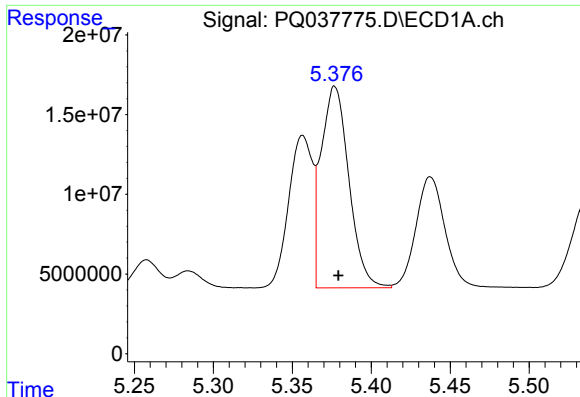
#20 AR-1242-5

R.T.: 6.255 min
Delta R.T.: -0.025 min
Response: 21998907
Conc: 158.52 ng/ml



#20 AR-1242-5

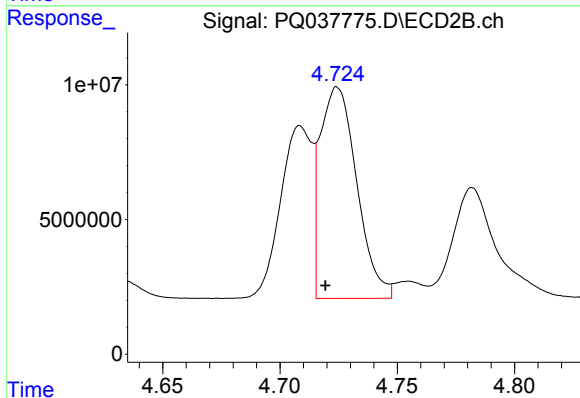
R.T.: 5.490 min
Delta R.T.: -0.014 min
Response: 46419008
Conc: 530.93 ng/ml



#21 AR-1248-1

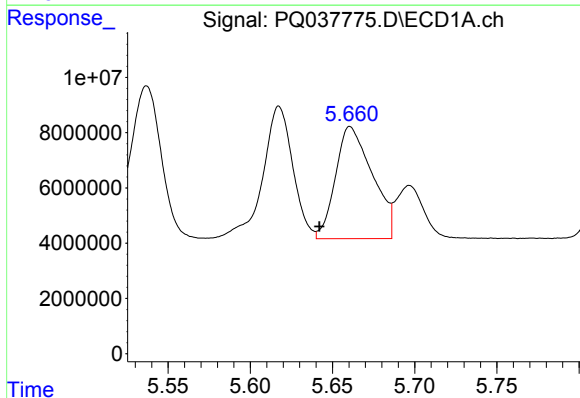
R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 155235909
Conc: 1318.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



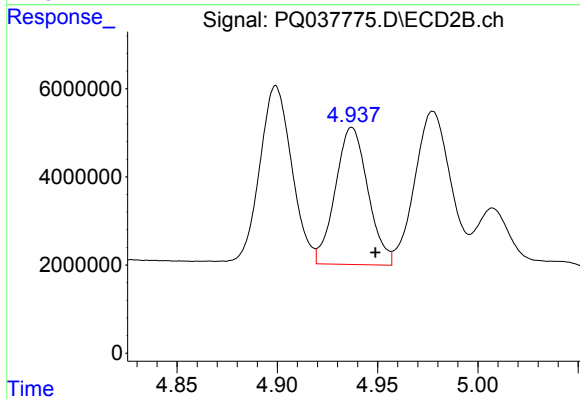
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: 0.005 min
Response: 85328726
Conc: 1279.13 ng/ml



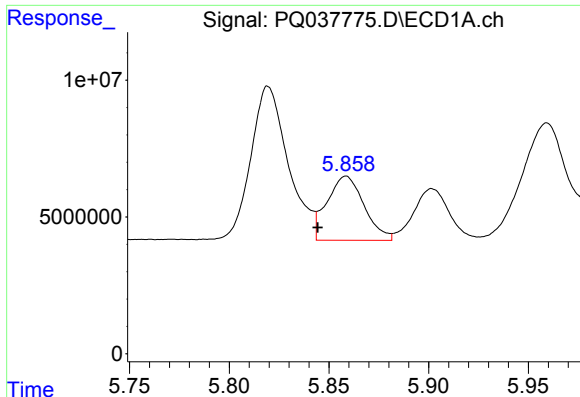
#22 AR-1248-2

R.T.: 5.661 min
Delta R.T.: 0.019 min
Response: 63102237
Conc: 367.82 ng/ml



#22 AR-1248-2

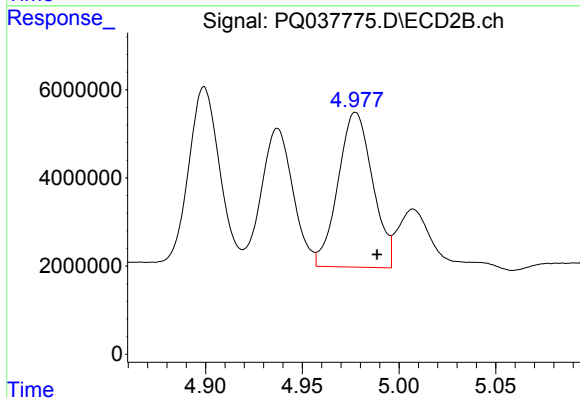
R.T.: 4.937 min
Delta R.T.: -0.012 min
Response: 35220883
Conc: 389.60 ng/ml



#23 AR-1248-3

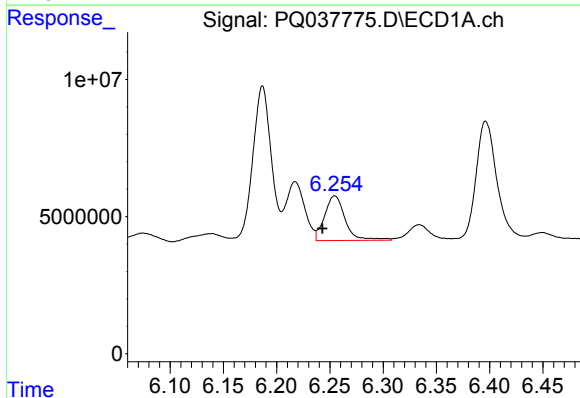
R.T.: 5.859 min
Delta R.T.: 0.014 min
Response: 30378673
Conc: 156.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



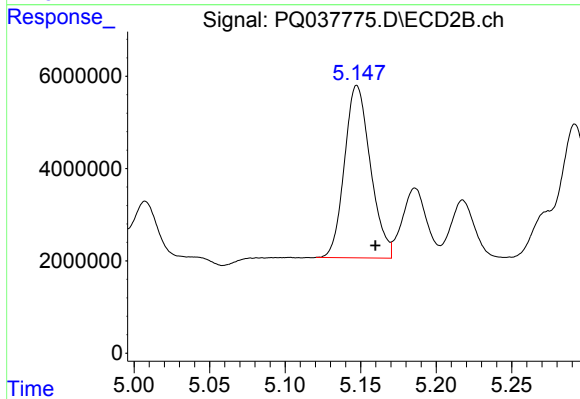
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 43722009
Conc: 473.73 ng/ml



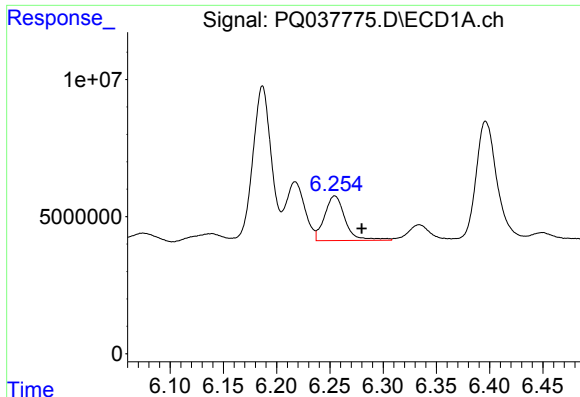
#24 AR-1248-4

R.T.: 6.255 min
Delta R.T.: 0.012 min
Response: 21998907
Conc: 96.75 ng/ml



#24 AR-1248-4

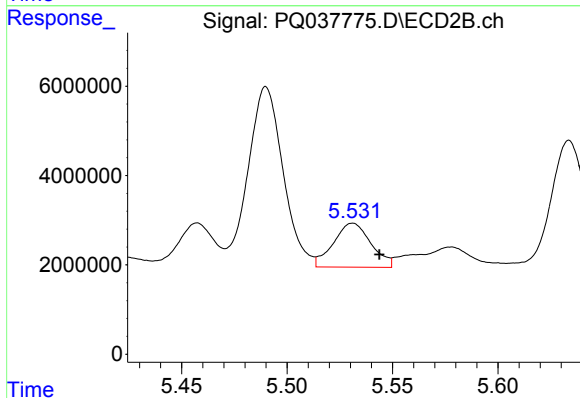
R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 44670415
Conc: 393.64 ng/ml



#25 AR-1248-5

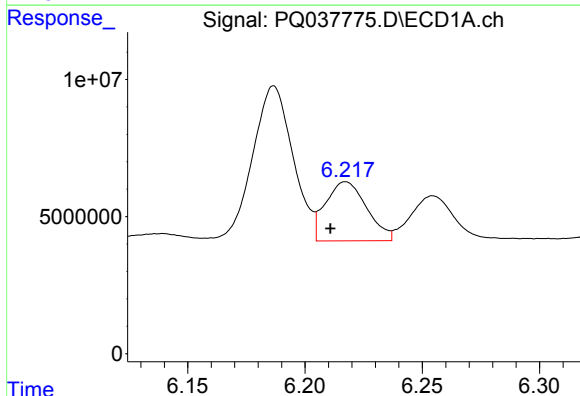
R.T.: 6.255 min
Delta R.T.: -0.025 min
Response: 21998907
Conc: 101.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



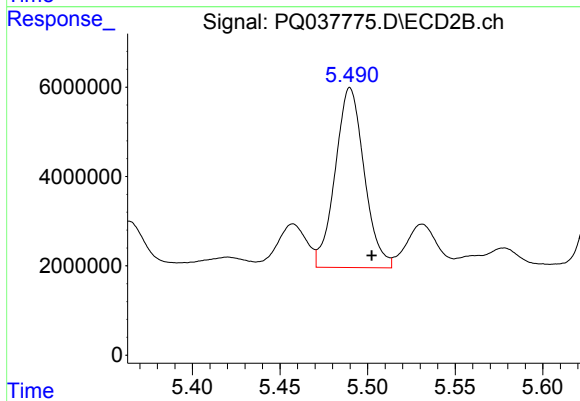
#25 AR-1248-5

R.T.: 5.531 min
Delta R.T.: -0.013 min
Response: 12178949
Conc: 110.93 ng/ml



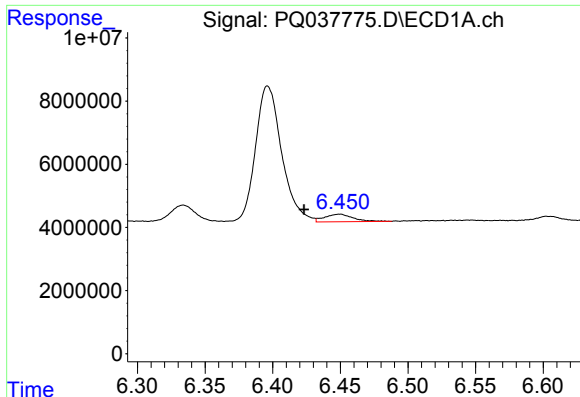
#26 AR-1254-1

R.T.: 6.217 min
Delta R.T.: 0.007 min
Response: 26341050
Conc: 124.37 ng/ml



#26 AR-1254-1

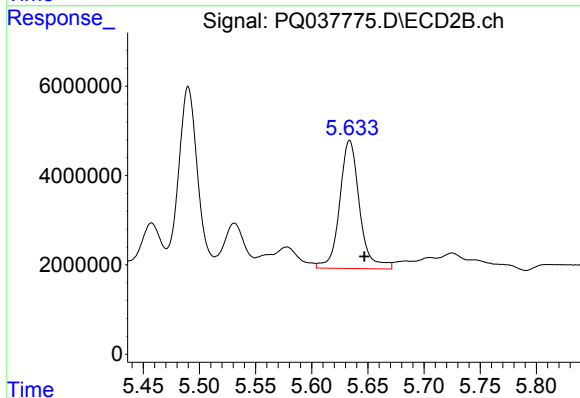
R.T.: 5.490 min
Delta R.T.: -0.012 min
Response: 46419008
Conc: 279.95 ng/ml



#27 AR-1254-2

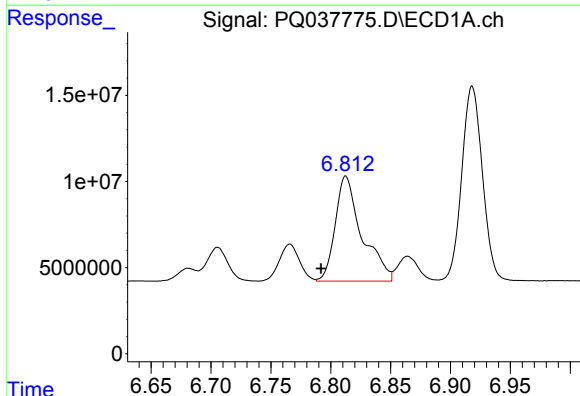
R.T.: 6.450 min
Delta R.T.: 0.027 min
Response: 3501784
Conc: 10.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



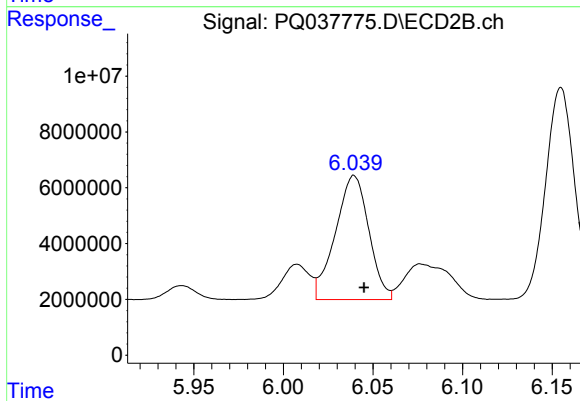
#27 AR-1254-2

R.T.: 5.634 min
Delta R.T.: -0.013 min
Response: 35337241
Conc: 248.13 ng/ml



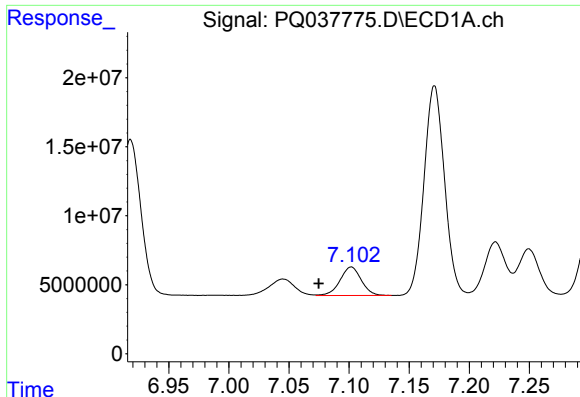
#28 AR-1254-3

R.T.: 6.813 min
Delta R.T.: 0.021 min
Response: 94244375
Conc: 271.55 ng/ml



#28 AR-1254-3

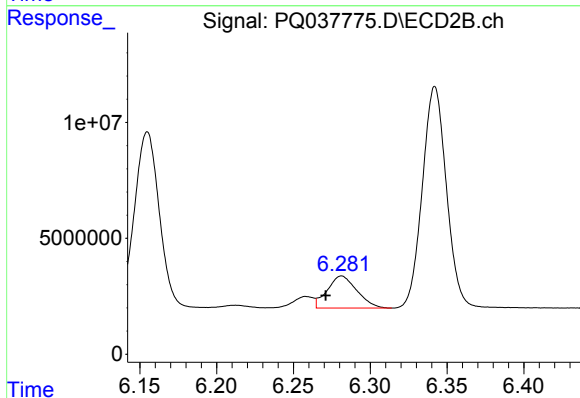
R.T.: 6.039 min
Delta R.T.: -0.005 min
Response: 57727336
Conc: 253.01 ng/ml



#29 AR-1254-4

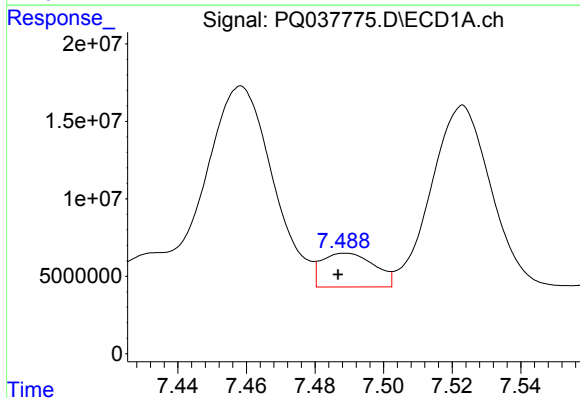
R.T.: 7.102 min
Delta R.T.: 0.027 min
Response: 25377034
Conc: 91.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



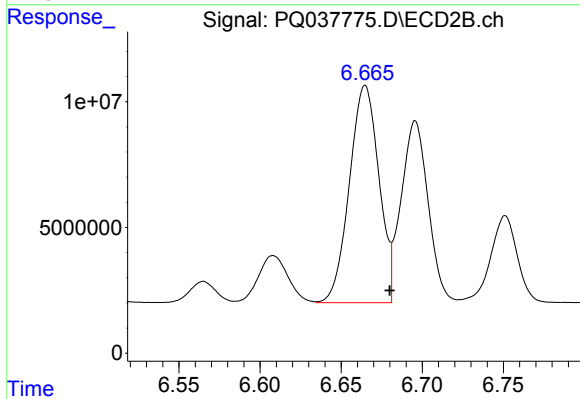
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: 0.010 min
Response: 18558512
Conc: 108.06 ng/ml



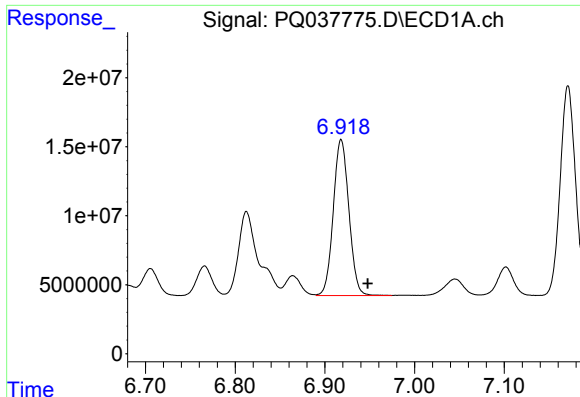
#30 AR-1254-5

R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 23292576
Conc: 84.28 ng/ml



#30 AR-1254-5

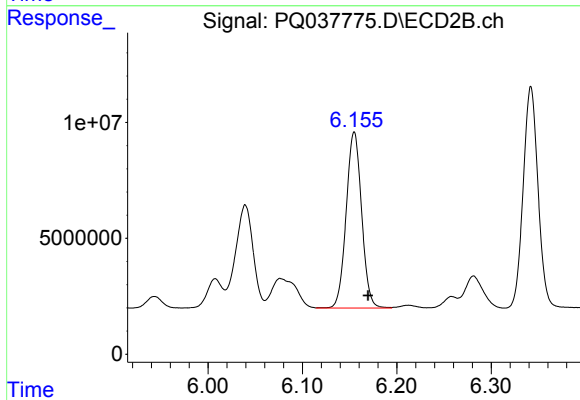
R.T.: 6.665 min
Delta R.T.: -0.015 min
Response: 109467840
Conc: 565.35 ng/ml



#31 AR-1260-1

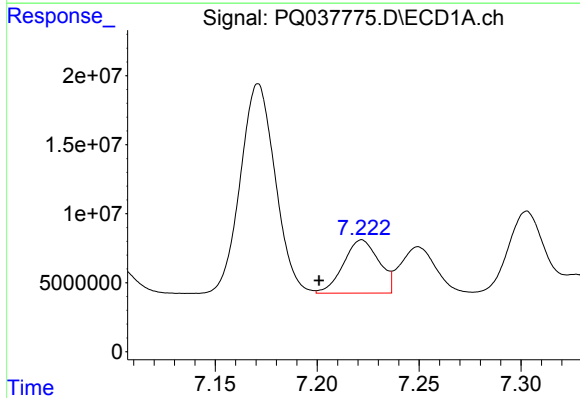
R.T.: 6.918 min
Delta R.T.: -0.029 min
Response: 136673372
Conc: 307.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



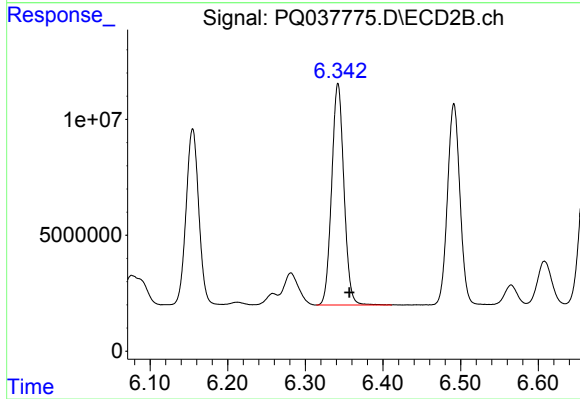
#31 AR-1260-1

R.T.: 6.155 min
Delta R.T.: -0.015 min
Response: 86435233
Conc: 340.92 ng/ml



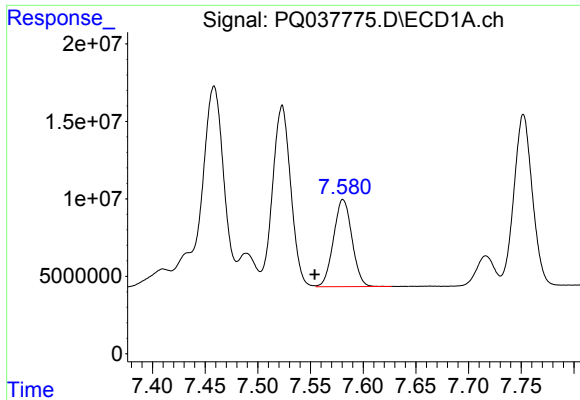
#32 AR-1260-2

R.T.: 7.222 min
Delta R.T.: 0.021 min
Response: 46739319
Conc: 80.84 ng/ml



#32 AR-1260-2

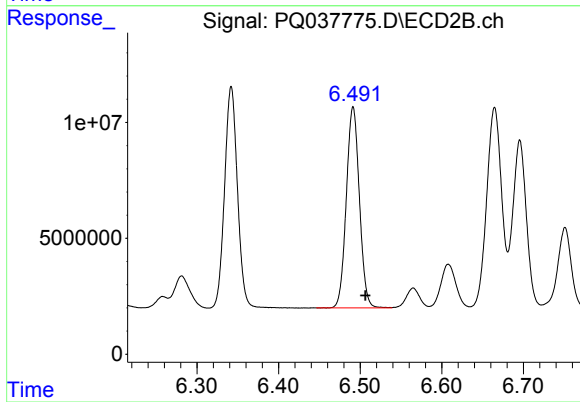
R.T.: 6.342 min
Delta R.T.: -0.015 min
Response: 104787138
Conc: 340.91 ng/ml



#33 AR-1260-3

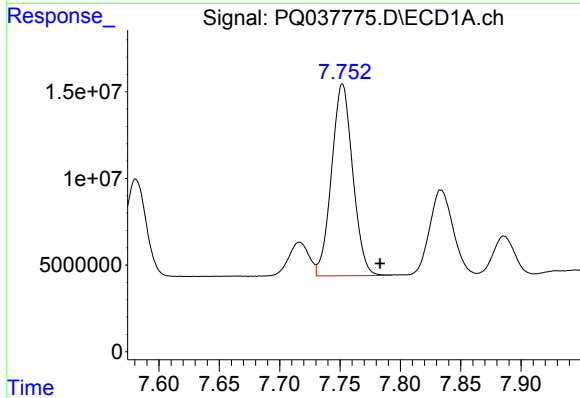
R.T.: 7.581 min
Delta R.T.: 0.027 min
Response: 68671832
Conc: 153.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



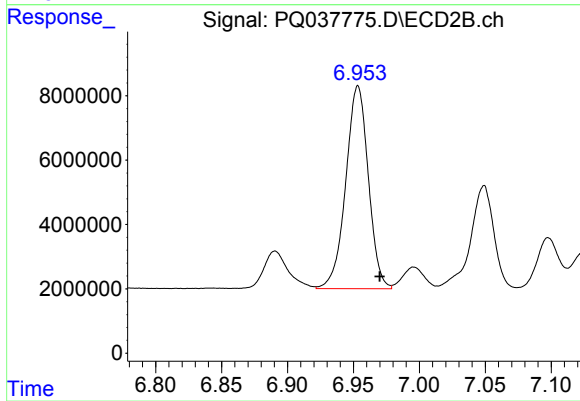
#33 AR-1260-3

R.T.: 6.491 min
Delta R.T.: -0.015 min
Response: 96574173
Conc: 340.08 ng/ml



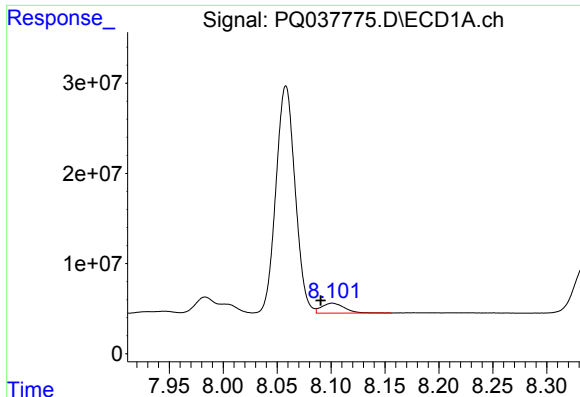
#34 AR-1260-4

R.T.: 7.752 min
Delta R.T.: -0.031 min
Response: 135304297
Conc: 308.92 ng/ml



#34 AR-1260-4

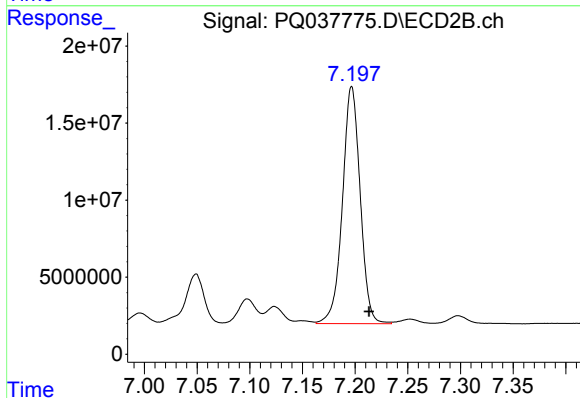
R.T.: 6.953 min
Delta R.T.: -0.016 min
Response: 75284815
Conc: 342.06 ng/ml



#35 AR-1260-5

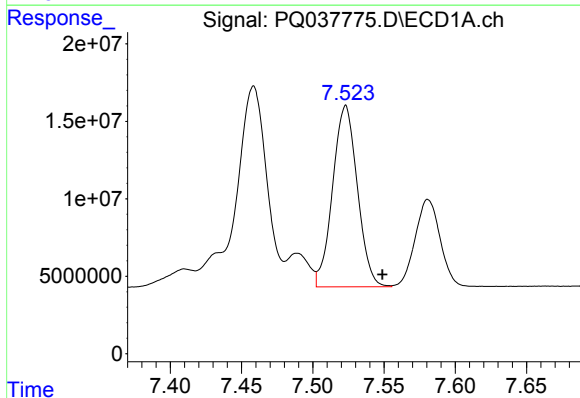
R.T.: 8.101 min
Delta R.T.: 0.011 min
Response: 16411819
Conc: 16.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



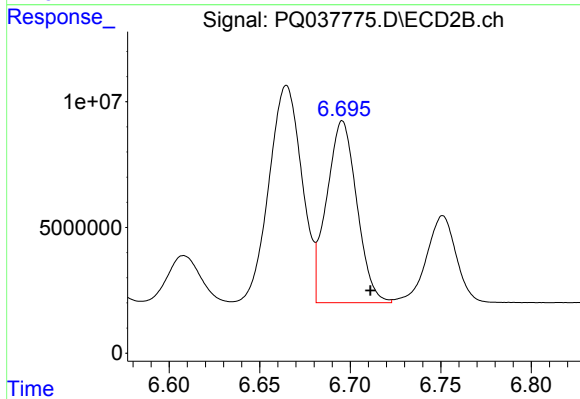
#35 AR-1260-5

R.T.: 7.197 min
Delta R.T.: -0.016 min
Response: 180468042
Conc: 341.80 ng/ml



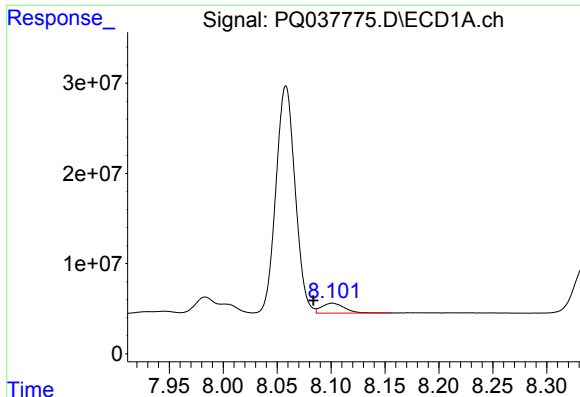
#36 AR-1262-1

R.T.: 7.523 min
Delta R.T.: -0.026 min
Response: 141440014
Conc: 354.11 ng/ml



#36 AR-1262-1

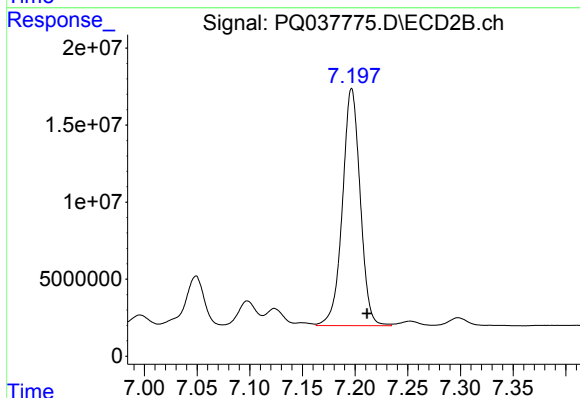
R.T.: 6.696 min
Delta R.T.: -0.016 min
Response: 83956616
Conc: 401.16 ng/ml



#37 AR-1262-2

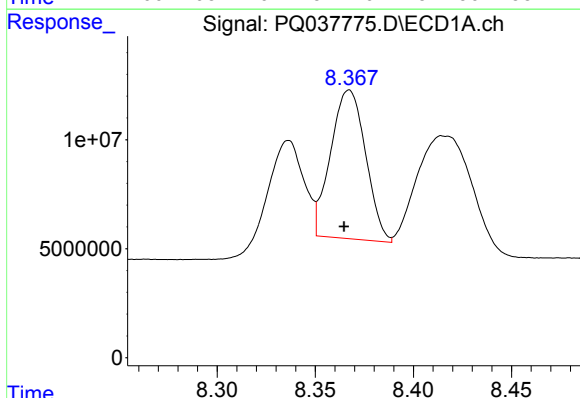
R.T.: 8.101 min
Delta R.T.: 0.018 min
Response: 16411819
Conc: 23.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



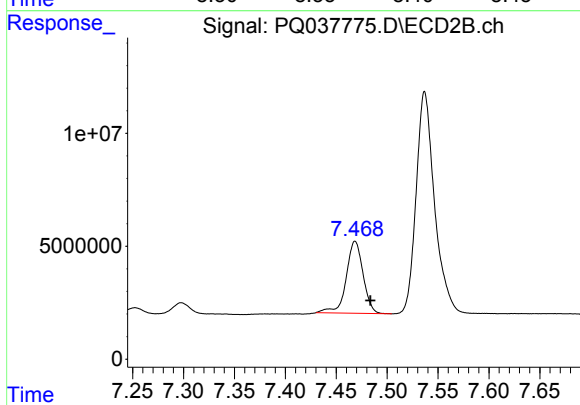
#37 AR-1262-2

R.T.: 7.197 min
Delta R.T.: -0.014 min
Response: 180468042
Conc: 487.15 ng/ml



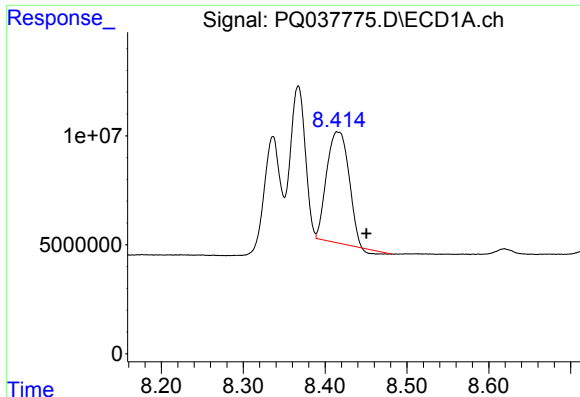
#38 AR-1262-3

R.T.: 8.367 min
Delta R.T.: 0.003 min
Response: 84804313
Conc: 283.22 ng/ml



#38 AR-1262-3

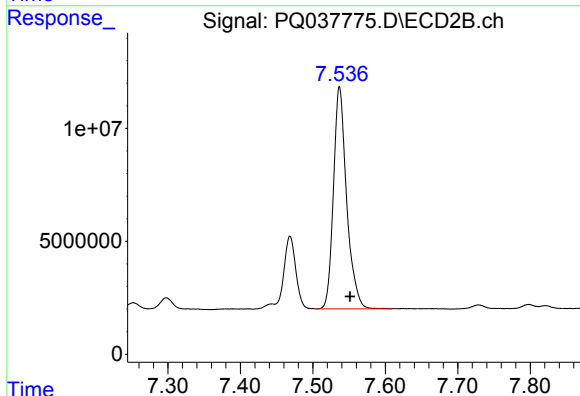
R.T.: 7.469 min
Delta R.T.: -0.015 min
Response: 36721492
Conc: 251.24 ng/ml



#39 AR-1262-4

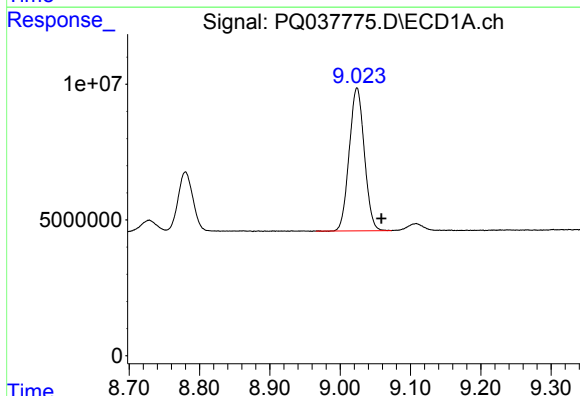
R.T.: 8.415 min
Delta R.T.: -0.035 min
Response: 94404977
Conc: 268.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



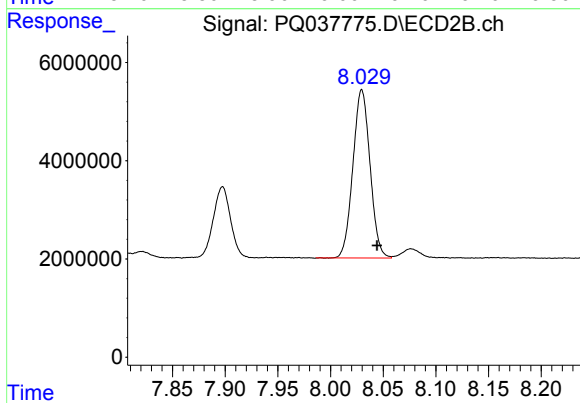
#39 AR-1262-4

R.T.: 7.537 min
Delta R.T.: -0.015 min
Response: 124157850
Conc: 465.57 ng/ml



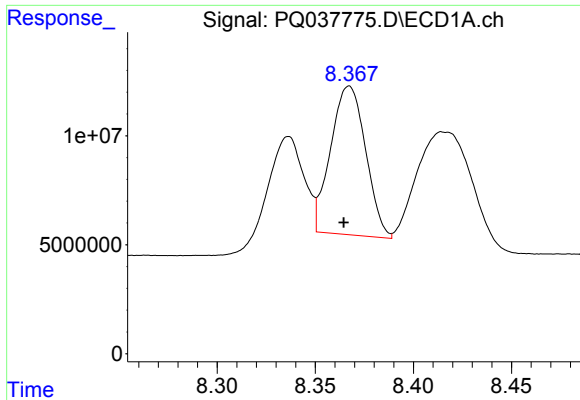
#40 AR-1262-5

R.T.: 9.024 min
Delta R.T.: -0.035 min
Response: 78733838
Conc: 330.14 ng/ml



#40 AR-1262-5

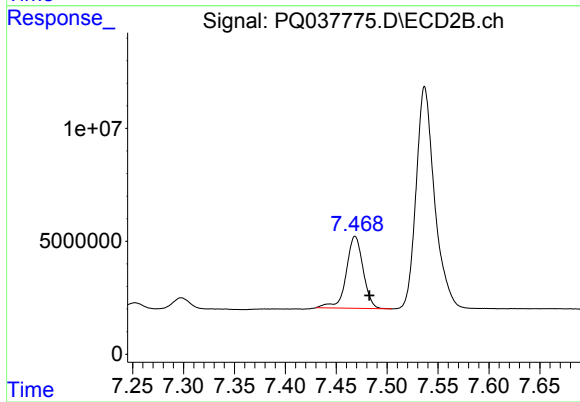
R.T.: 8.030 min
Delta R.T.: -0.014 min
Response: 38798465
Conc: 332.09 ng/ml



#41 AR-1268-1

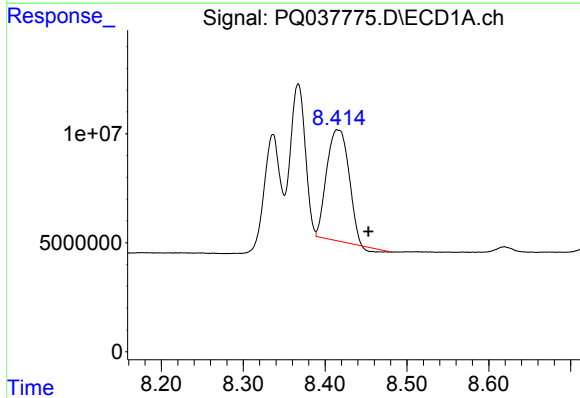
R.T.: 8.367 min
Delta R.T.: 0.003 min
Response: 84804313
Conc: 63.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



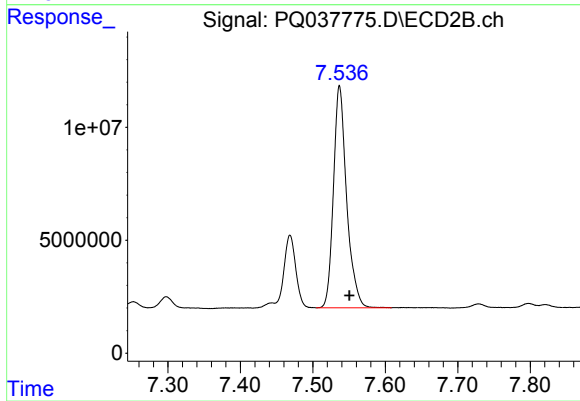
#41 AR-1268-1

R.T.: 7.469 min
Delta R.T.: -0.014 min
Response: 36721492
Conc: 56.06 ng/ml



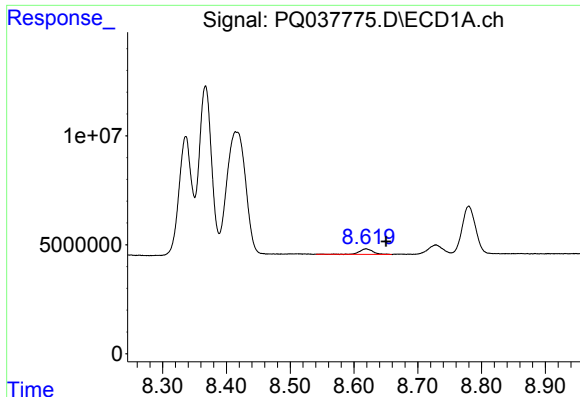
#42 AR-1268-2

R.T.: 8.415 min
Delta R.T.: -0.038 min
Response: 94404977
Conc: 76.64 ng/ml



#42 AR-1268-2

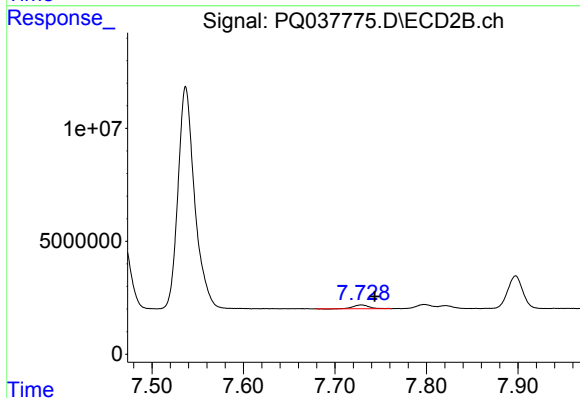
R.T.: 7.537 min
Delta R.T.: -0.014 min
Response: 124157850
Conc: 207.61 ng/ml



#43 AR-1268-3

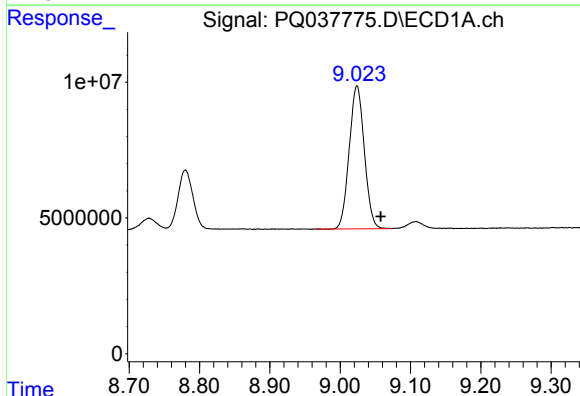
R.T.: 8.619 min
Delta R.T.: -0.031 min
Response: 3650392
Conc: 3.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



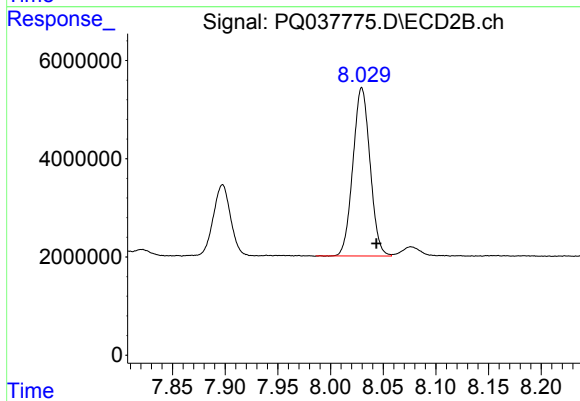
#43 AR-1268-3

R.T.: 7.729 min
Delta R.T.: -0.015 min
Response: 1977324
Conc: 3.97 ng/ml



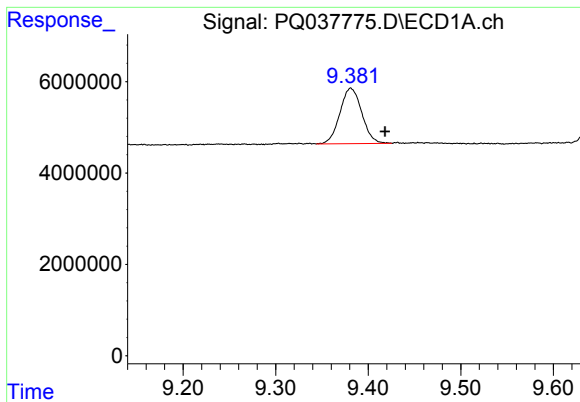
#44 AR-1268-4

R.T.: 9.024 min
Delta R.T.: -0.034 min
Response: 78733838
Conc: 197.40 ng/ml



#44 AR-1268-4

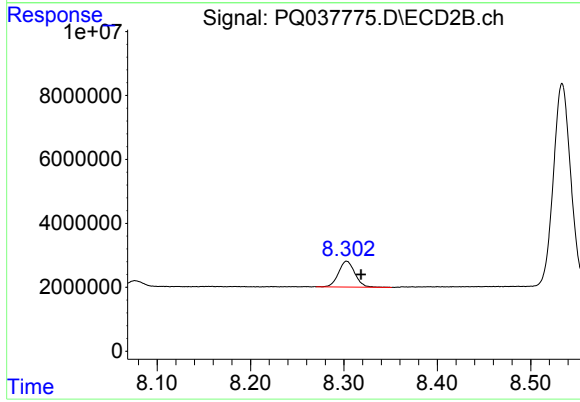
R.T.: 8.030 min
Delta R.T.: -0.014 min
Response: 38798465
Conc: 197.95 ng/ml



#45 AR-1268-5

R.T.: 9.381 min
Delta R.T.: -0.037 min
Response: 19937159
Conc: 6.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660364



#45 AR-1268-5

R.T.: 8.303 min
Delta R.T.: -0.015 min
Response: 9807069
Conc: 6.37 ng/ml