

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032619\
 Data File : PQ038411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2019 06:04
 Operator : SM\SJ
 Sample : K2031-20DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5T0DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 07:00:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 05:45:22 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...	4.722	4.001	11858373	5670613	2.877	3.360
2) SA Decachlor...	10.676	9.137	26010077	15441970	4.782	6.527 #
Target Compounds						
3) L1 AR-1016-1	5.904	5.128	20988214	21639419	87.891	202.543 #
4) L1 AR-1016-2	5.927	5.157	43634902	2100694	120.197	13.561 #
5) L1 AR-1016-3	5.993	5.344	9113307	23334933	40.942	291.018 #
6) L1 AR-1016-4	6.086	5.388	43283051	15335136	234.784	241.517
7) L1 AR-1016-5	6.386	5.606	43134588	7351950	233.684	83.938 #
9) L2 AR-1221-2	0.000	4.308	0	1091546	N.D.	65.568 #
10) L2 AR-1221-3	0.000	4.385	0	1772145	N.D.	31.152 #
11) L3 AR-1232-1	0.000	4.385	0	1772145	N.D.	43.345 #
12) L3 AR-1232-2	5.634	5.157	11013644	2100694	212.616	47.069 #
13) L3 AR-1232-3	5.927	5.344	43634902	23334933	411.141	969.826 #
14) L3 AR-1232-4	6.086	5.421	43283051	6410737	816.805	283.840 #
15) L3 AR-1232-5	6.177	5.606	55208790	7351950	1357.004	303.744 #
16) L4 AR-1242-1	5.904	5.128	20988214	21639419	137.124	307.313 #
17) L4 AR-1242-2	5.927	5.157	43634902	2100694	190.984	20.849 #
18) L4 AR-1242-3	5.993	5.344	9113307	23334933	63.492	435.890 #
19) L4 AR-1242-4	6.086	5.421	43283051	6410737	375.257	118.105 #
20) L4 AR-1242-5	6.831	5.960	44365325	17417590	334.003	236.946 #
21) L5 AR-1248-1	5.904	5.128	20988214	21639419	195.076	431.230 #
22) L5 AR-1248-2	6.177	5.388	55208790	15335136	338.663	215.202 #
23) L5 AR-1248-3	6.386	5.421	43134588	6410737	235.852	87.516 #
24) L5 AR-1248-4	6.790	5.606	34942081	7351950	166.661	81.307 #
25) L5 AR-1248-5	6.831	6.005	44365325	12760696	220.123	142.230 #
26) L6 AR-1254-1	6.764	5.960	67744526	17417590	282.111	108.332 #
27) L6 AR-1254-2	6.983	6.118	96128005	-15096204	254.883	N.D. #
28) L6 AR-1254-3	7.353	6.475	114.8E6	75773569	282.657	315.154
29) L6 AR-1254-4	7.639	6.701	88648721	51526466	314.932	332.493
30) L6 AR-1254-5	8.060	7.122	120.7E6	84624069	374.060	417.433
31) L7 AR-1260-1	7.515	6.654	61712419	12582962	145.048	61.544 #
32) L7 AR-1260-2	7.771	6.828	64681164	4988753	125.998	19.475 #
33) L7 AR-1260-3	8.131	6.948	30495701	16092172	78.836	67.269
34) L7 AR-1260-4	8.366	7.465	73948136	24459790	162.118	123.574
35) L7 AR-1260-5	8.716	7.659	36522427	49458403	38.568	100.590 #
36) L8 AR-1262-1	8.131	7.209	30495701	11725405	76.932	54.454 #
37) L8 AR-1262-2	8.716	7.659	36522427	49458403	51.202	126.949 #
38) L8 AR-1262-3	9.070	7.946	27153434	6617009	56.729	44.444
39) L8 AR-1262-4	9.151	8.010	25117798	29763618	66.370	104.419 #
40) L8 AR-1262-5	9.859	8.531	16005389	9213798	65.125	77.955
41) L9 AR-1268-1	9.070	7.946	27153434	6617009	17.126	8.263 #
42) L9 AR-1268-2	9.151	8.010	25117798	29763618	17.284	41.005 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032619\
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Mar 27 07:00:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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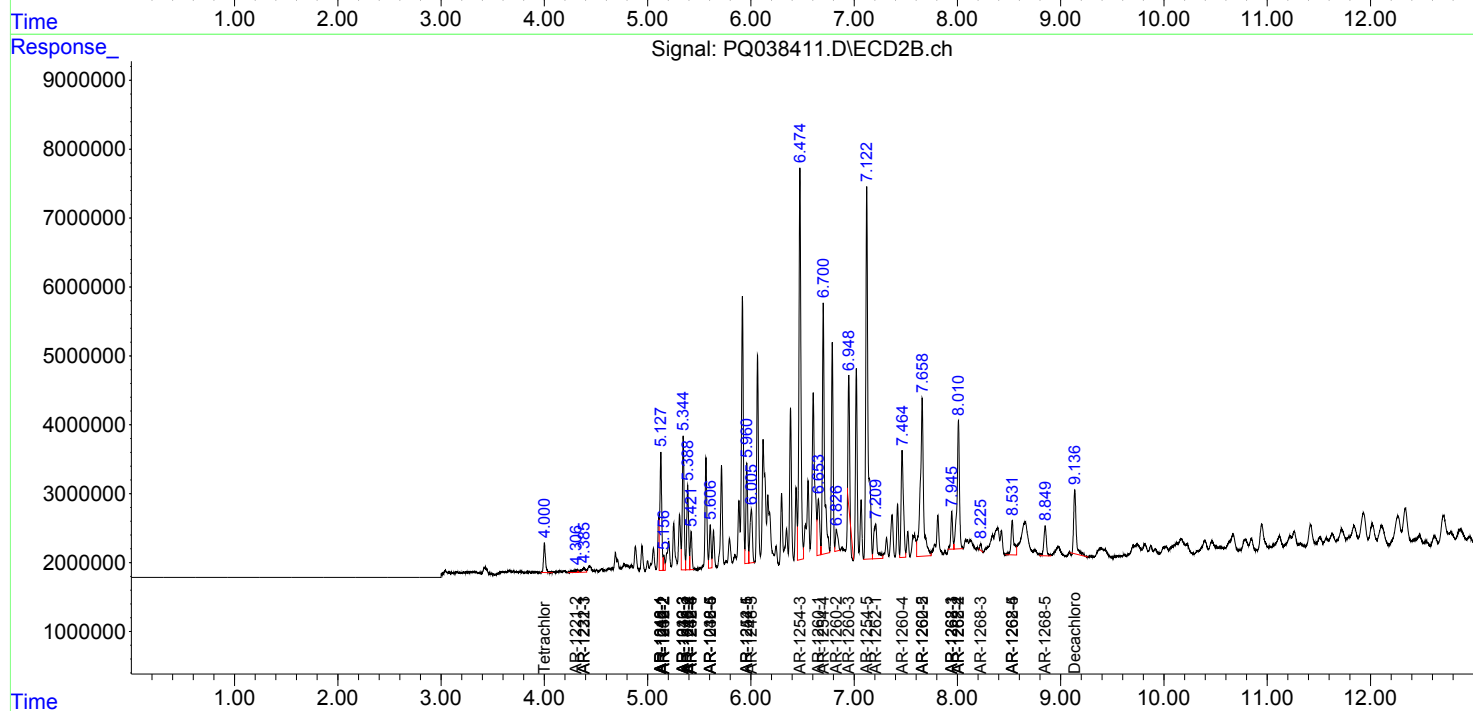
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

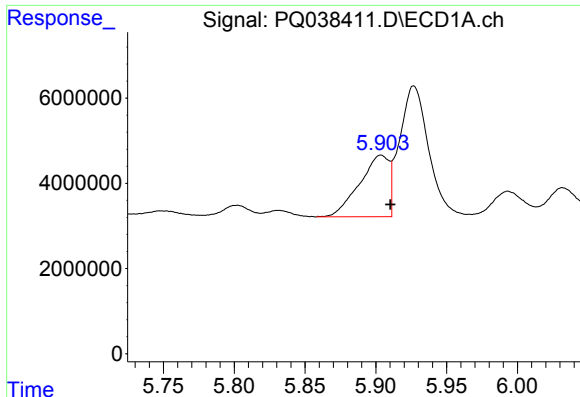
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.346	8.225	25884440	1031814	20.078	1.640 #
44) L9	AR-1268-4	9.859	8.531	16005389	9213798	33.509	39.132
45) L9	AR-1268-5	10.307	8.850	9983709	7515404	2.318	3.902 #

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

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL

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

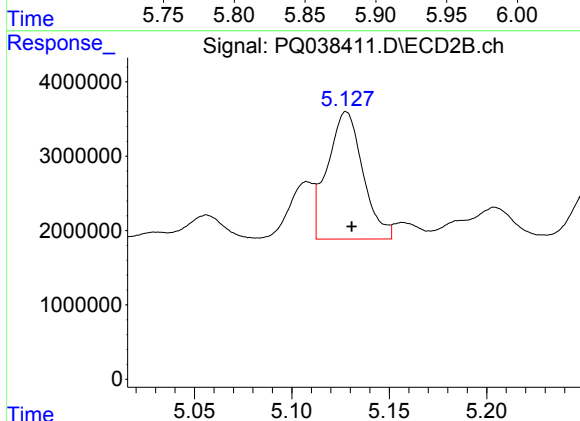




#3 AR-1016-1

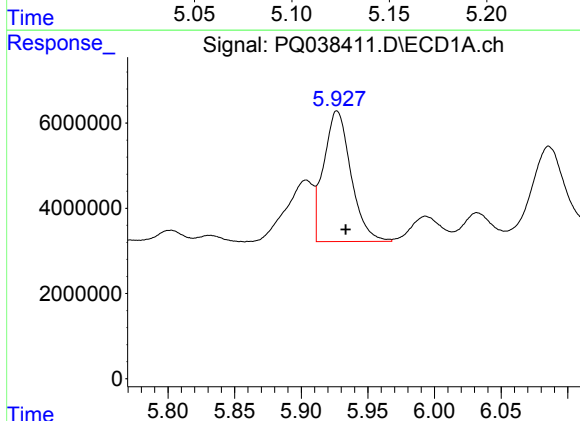
R.T.: 5.904 min
Delta R.T.: -0.007 min
Response: 20988214
Conc: 87.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



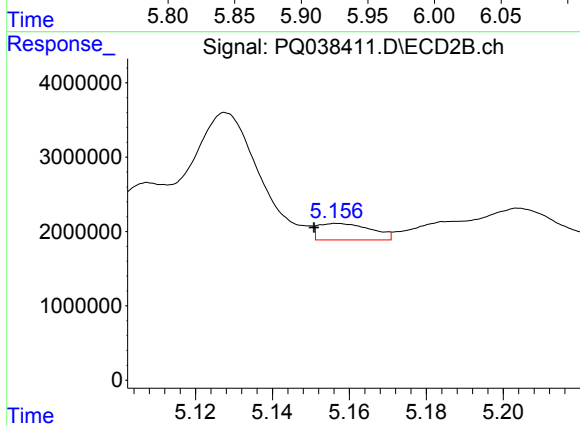
#3 AR-1016-1

R.T.: 5.128 min
Delta R.T.: -0.003 min
Response: 21639419
Conc: 202.54 ng/ml



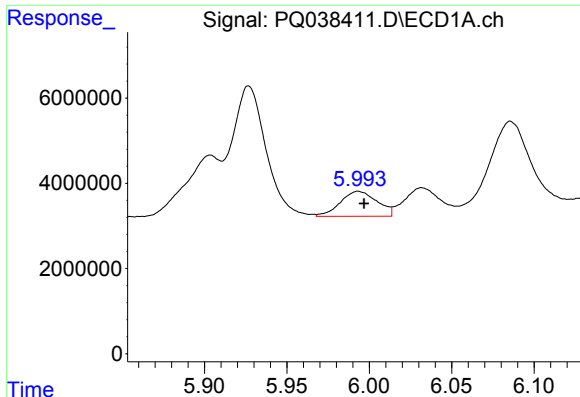
#4 AR-1016-2

R.T.: 5.927 min
Delta R.T.: -0.007 min
Response: 43634902
Conc: 120.20 ng/ml



#4 AR-1016-2

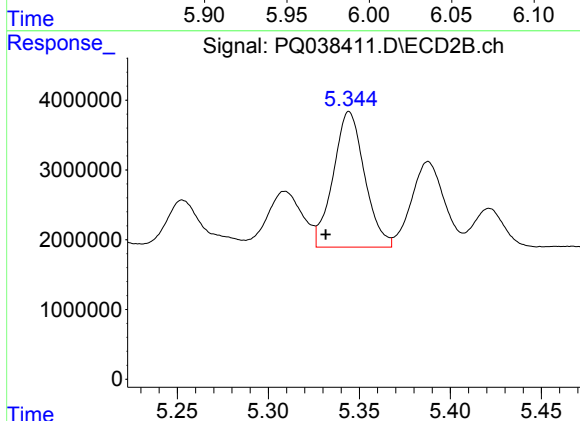
R.T.: 5.157 min
Delta R.T.: 0.006 min
Response: 2100694
Conc: 13.56 ng/ml



#5 AR-1016-3

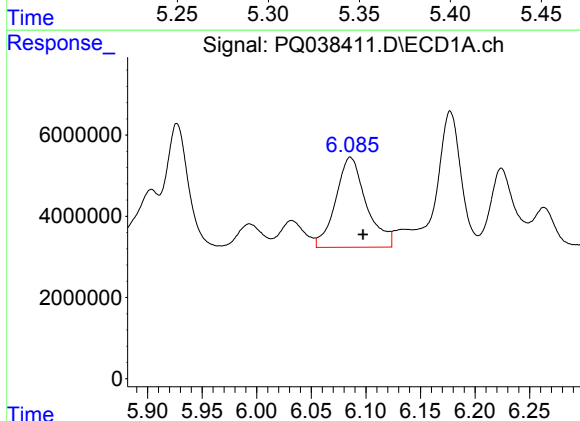
R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 9113307
Conc: 40.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



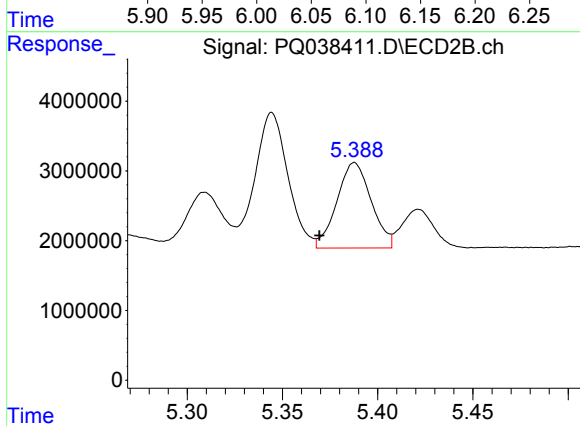
#5 AR-1016-3

R.T.: 5.344 min
Delta R.T.: 0.013 min
Response: 23334933
Conc: 291.02 ng/ml



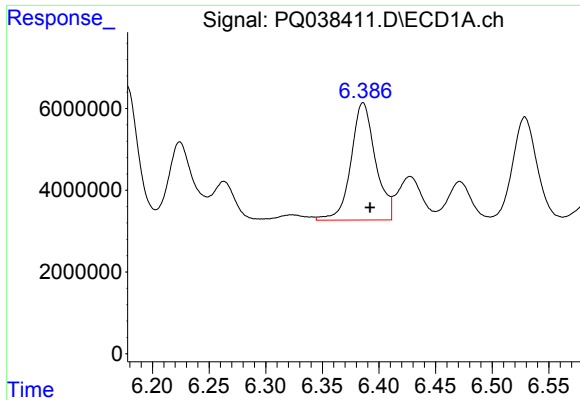
#6 AR-1016-4

R.T.: 6.086 min
Delta R.T.: -0.012 min
Response: 43283051
Conc: 234.78 ng/ml



#6 AR-1016-4

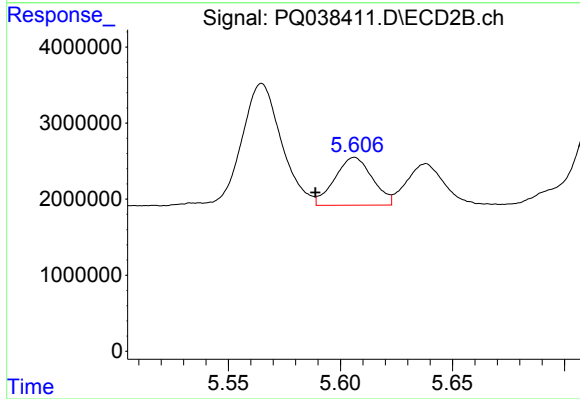
R.T.: 5.388 min
Delta R.T.: 0.018 min
Response: 15335136
Conc: 241.52 ng/ml



#7 AR-1016-5

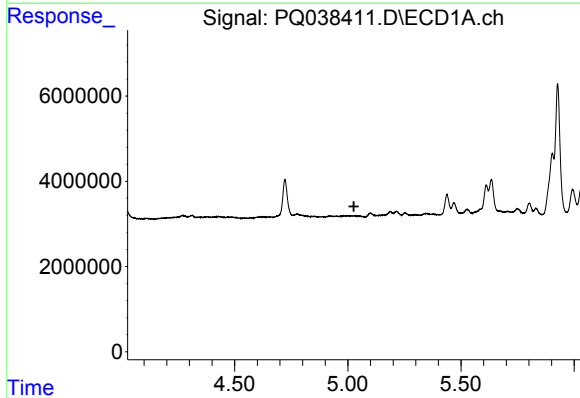
R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 43134588
Conc: 233.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



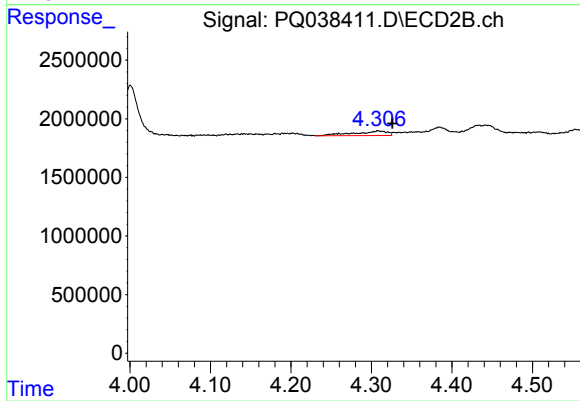
#7 AR-1016-5

R.T.: 5.606 min
Delta R.T.: 0.017 min
Response: 7351950
Conc: 83.94 ng/ml



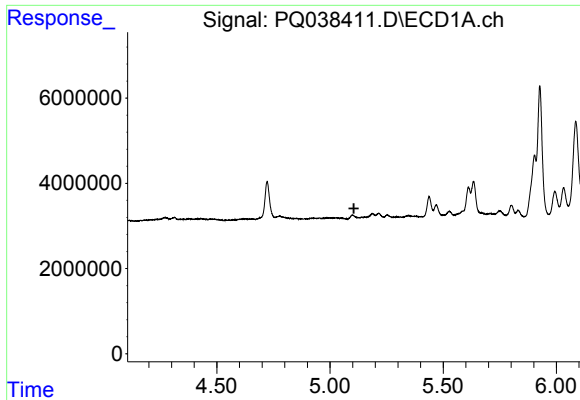
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.027 min
Response: 0
Conc: N.D.



#9 AR-1221-2

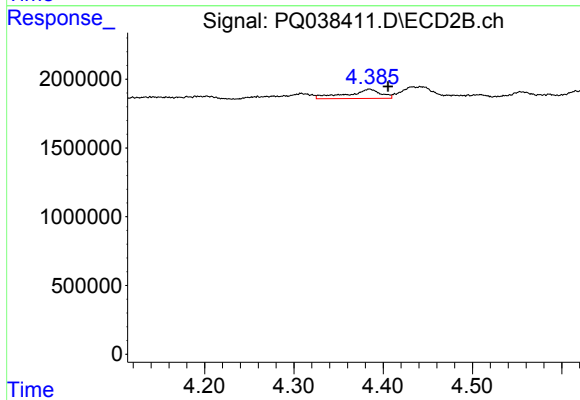
R.T.: 4.308 min
Delta R.T.: -0.018 min
Response: 1091546
Conc: 65.57 ng/ml



#10 AR-1221-3

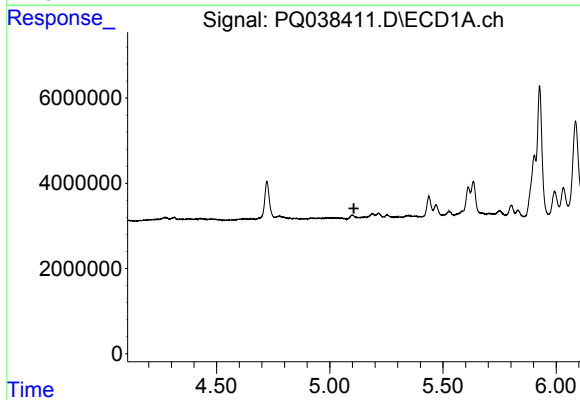
R.T.: 0.000 min
Exp R.T.: 5.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



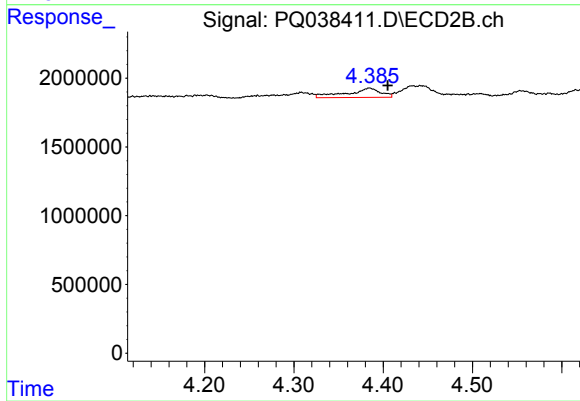
#10 AR-1221-3

R.T.: 4.385 min
Delta R.T.: -0.021 min
Response: 1772145
Conc: 31.15 ng/ml



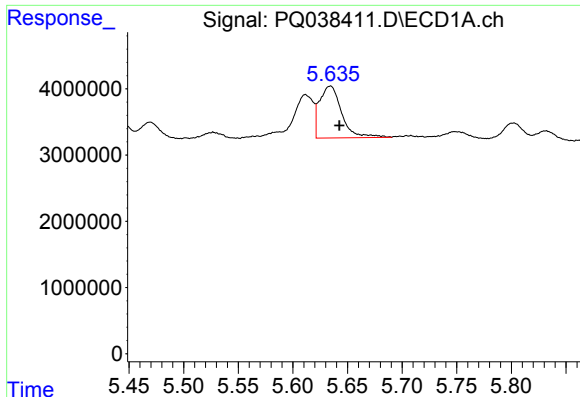
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.106 min
Response: 0
Conc: N.D.



#11 AR-1232-1

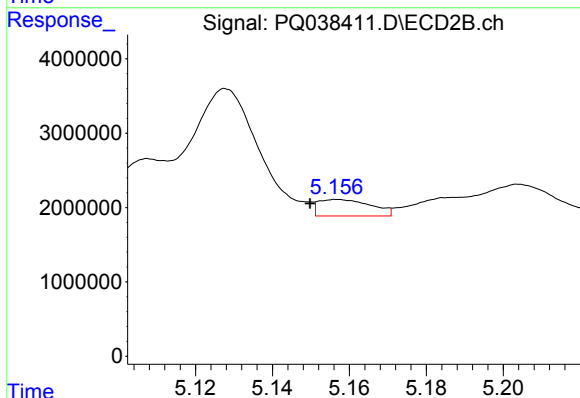
R.T.: 4.385 min
Delta R.T.: -0.020 min
Response: 1772145
Conc: 43.35 ng/ml



#12 AR-1232-2

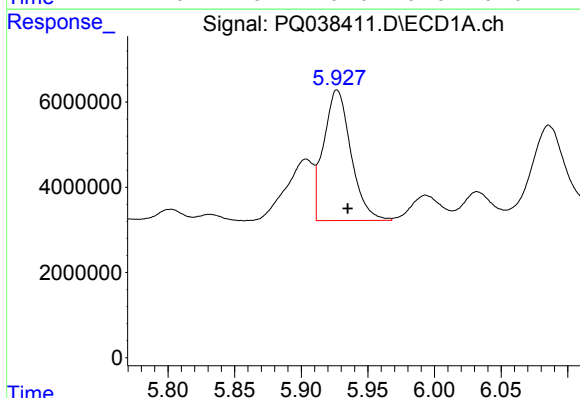
R.T.: 5.634 min
Delta R.T.: -0.008 min
Response: 11013644
Conc: 212.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



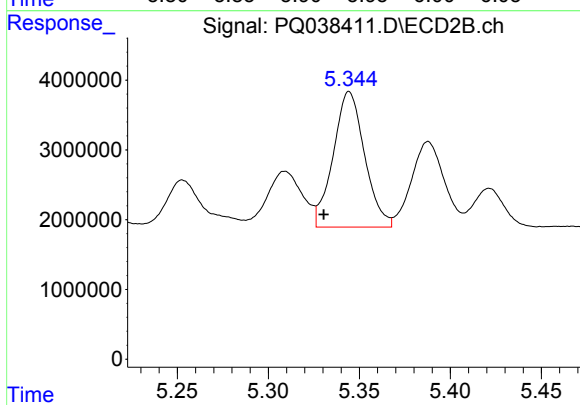
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: 0.007 min
Response: 2100694
Conc: 47.07 ng/ml



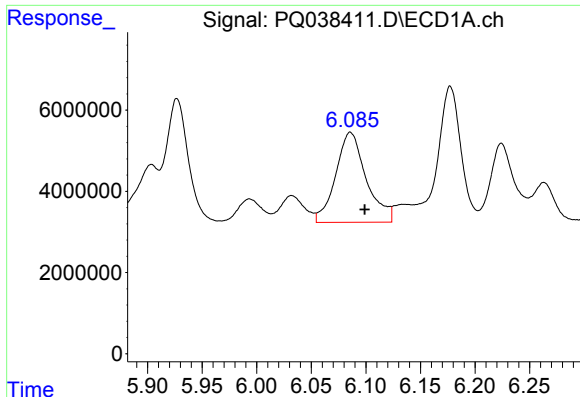
#13 AR-1232-3

R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 43634902
Conc: 411.14 ng/ml



#13 AR-1232-3

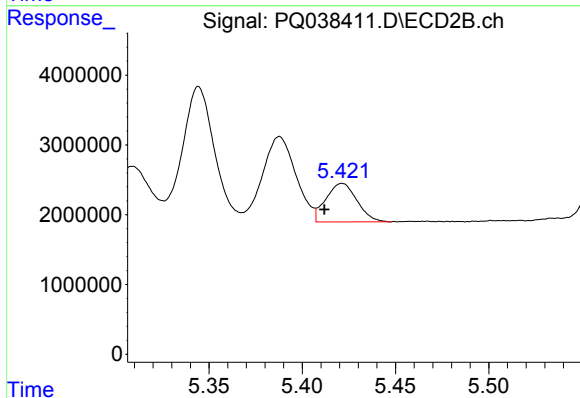
R.T.: 5.344 min
Delta R.T.: 0.014 min
Response: 23334933
Conc: 969.83 ng/ml



#14 AR-1232-4

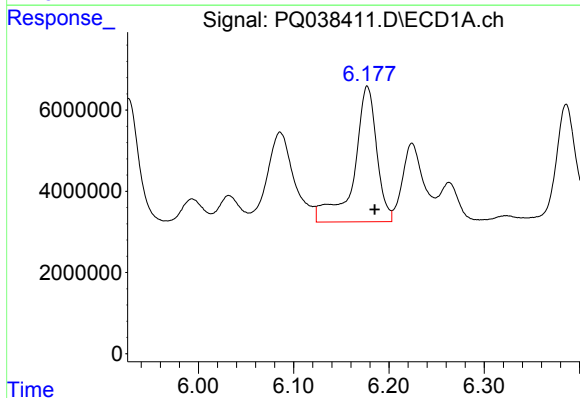
R.T.: 6.086 min
Delta R.T.: -0.013 min
Response: 43283051
Conc: 816.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



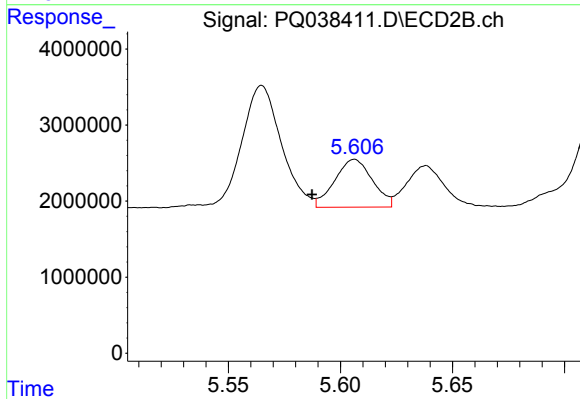
#14 AR-1232-4

R.T.: 5.421 min
Delta R.T.: 0.010 min
Response: 6410737
Conc: 283.84 ng/ml



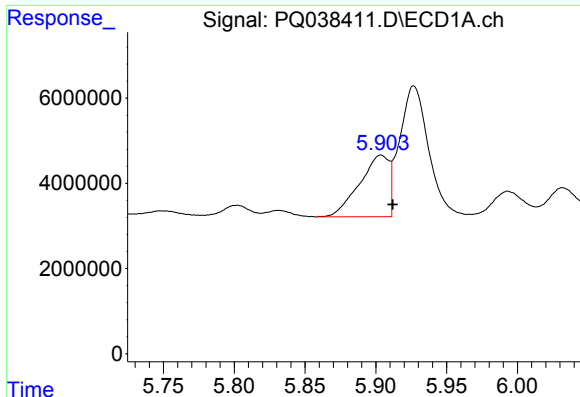
#15 AR-1232-5

R.T.: 6.177 min
Delta R.T.: -0.008 min
Response: 55208790
Conc: 1357.00 ng/ml



#15 AR-1232-5

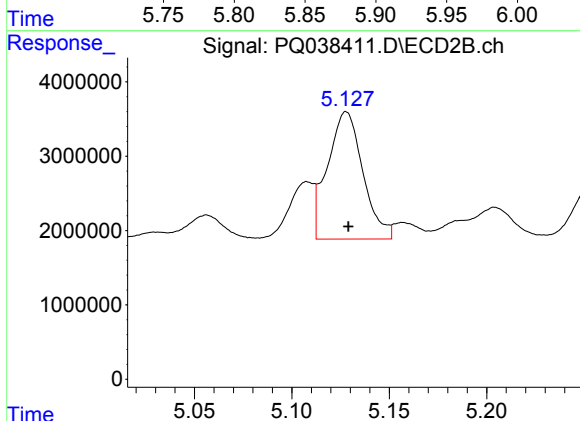
R.T.: 5.606 min
Delta R.T.: 0.019 min
Response: 7351950
Conc: 303.74 ng/ml



#16 AR-1242-1

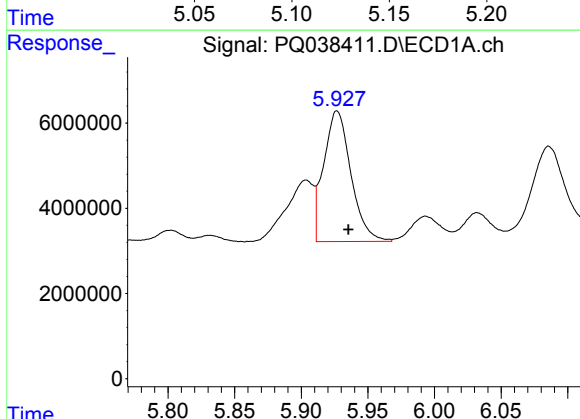
R.T.: 5.904 min
Delta R.T.: -0.008 min
Response: 20988214
Conc: 137.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



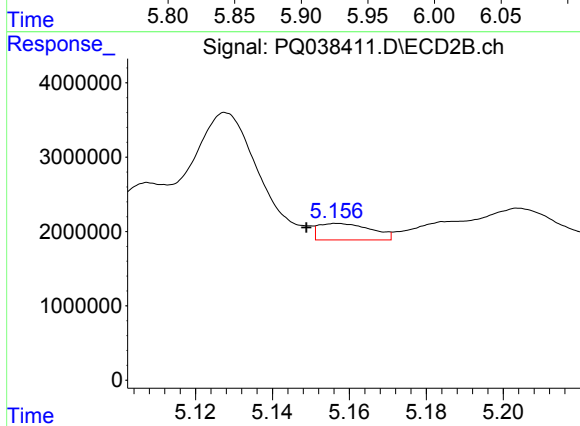
#16 AR-1242-1

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 21639419
Conc: 307.31 ng/ml



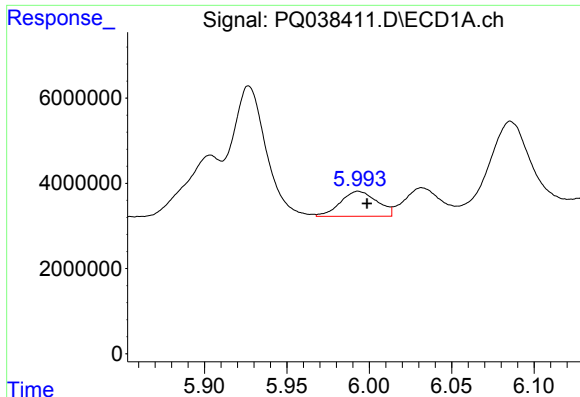
#17 AR-1242-2

R.T.: 5.927 min
Delta R.T.: -0.008 min
Response: 43634902
Conc: 190.98 ng/ml



#17 AR-1242-2

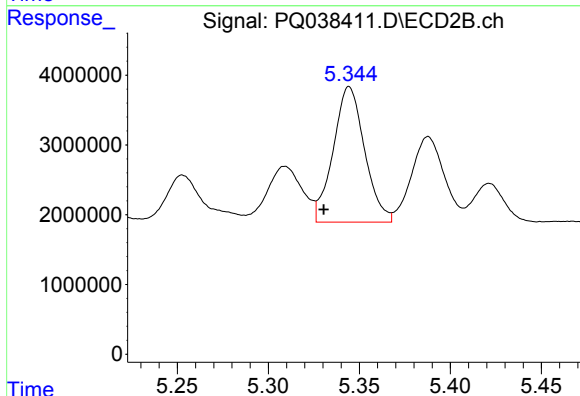
R.T.: 5.157 min
Delta R.T.: 0.008 min
Response: 2100694
Conc: 20.85 ng/ml



#18 AR-1242-3

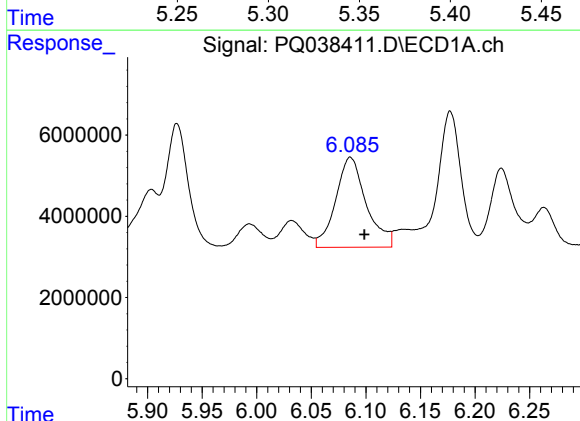
R.T.: 5.993 min
Delta R.T.: -0.005 min
Response: 9113307
Conc: 63.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



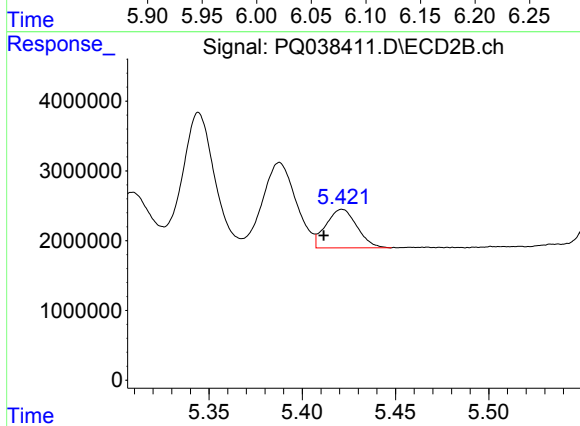
#18 AR-1242-3

R.T.: 5.344 min
Delta R.T.: 0.014 min
Response: 23334933
Conc: 435.89 ng/ml



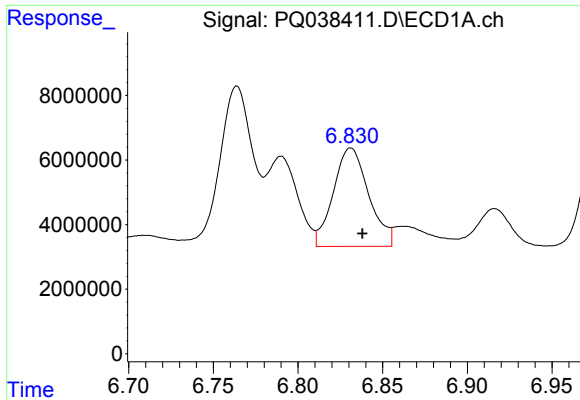
#19 AR-1242-4

R.T.: 6.086 min
Delta R.T.: -0.013 min
Response: 43283051
Conc: 375.26 ng/ml



#19 AR-1242-4

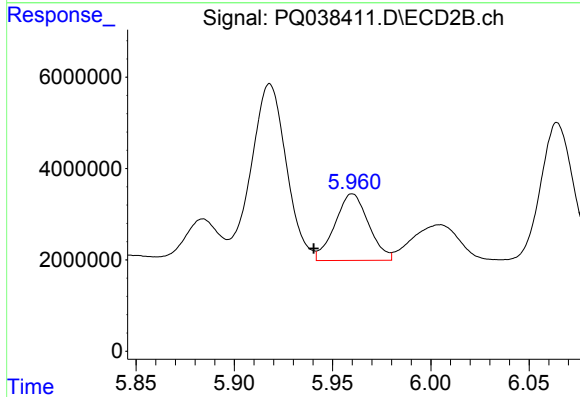
R.T.: 5.421 min
Delta R.T.: 0.010 min
Response: 6410737
Conc: 118.10 ng/ml



#20 AR-1242-5

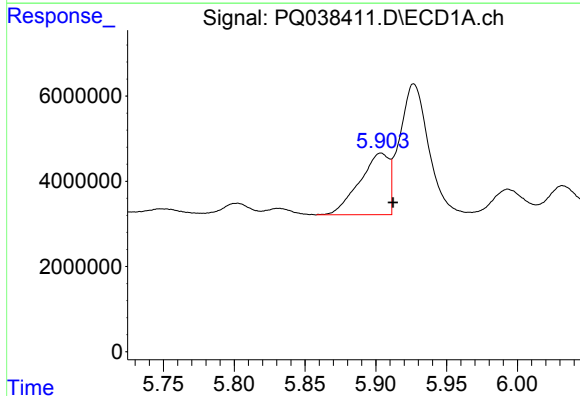
R.T.: 6.831 min
Delta R.T.: -0.007 min
Response: 44365325
Conc: 334.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



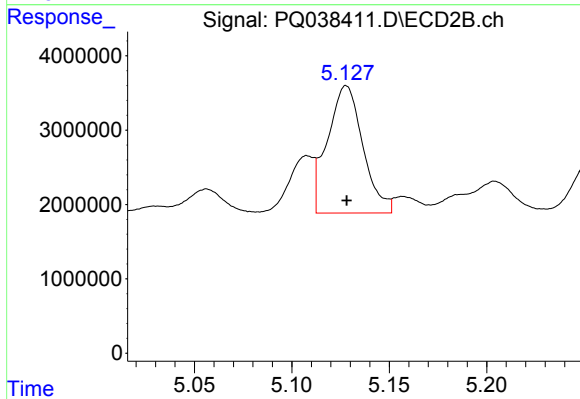
#20 AR-1242-5

R.T.: 5.960 min
Delta R.T.: 0.020 min
Response: 17417590
Conc: 236.95 ng/ml



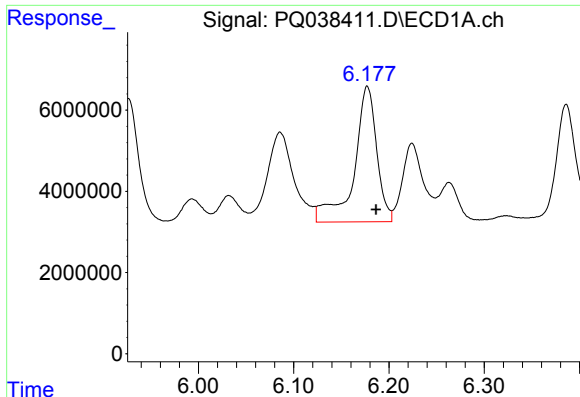
#21 AR-1248-1

R.T.: 5.904 min
Delta R.T.: -0.008 min
Response: 20988214
Conc: 195.08 ng/ml



#21 AR-1248-1

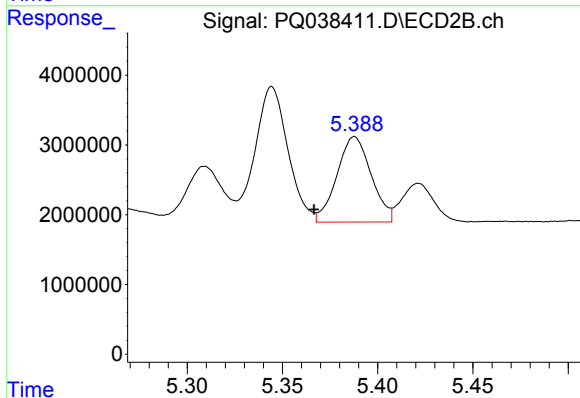
R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 21639419
Conc: 431.23 ng/ml



#22 AR-1248-2

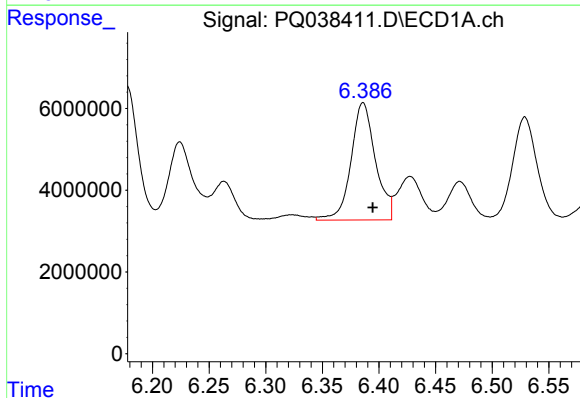
R.T.: 6.177 min
Delta R.T.: -0.009 min
Response: 55208790
Conc: 338.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



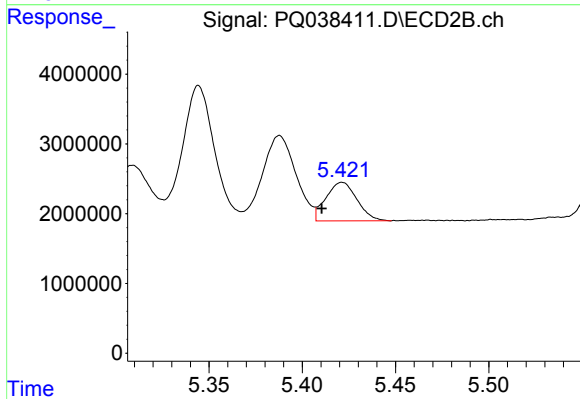
#22 AR-1248-2

R.T.: 5.388 min
Delta R.T.: 0.021 min
Response: 15335136
Conc: 215.20 ng/ml



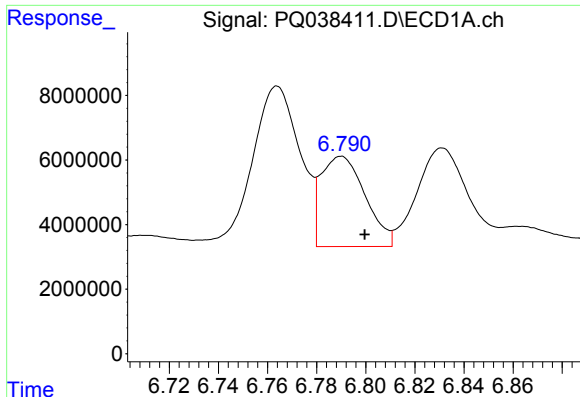
#23 AR-1248-3

R.T.: 6.386 min
Delta R.T.: -0.009 min
Response: 43134588
Conc: 235.85 ng/ml



#23 AR-1248-3

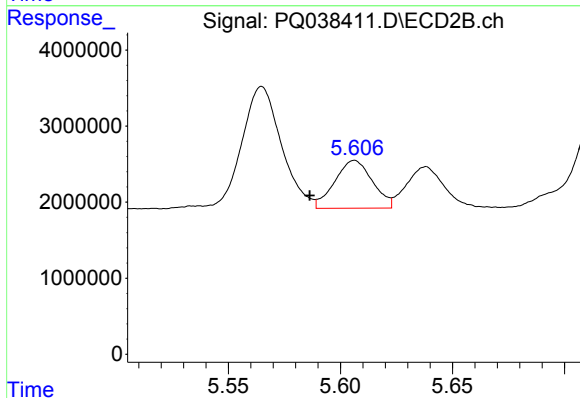
R.T.: 5.421 min
Delta R.T.: 0.011 min
Response: 6410737
Conc: 87.52 ng/ml



#24 AR-1248-4

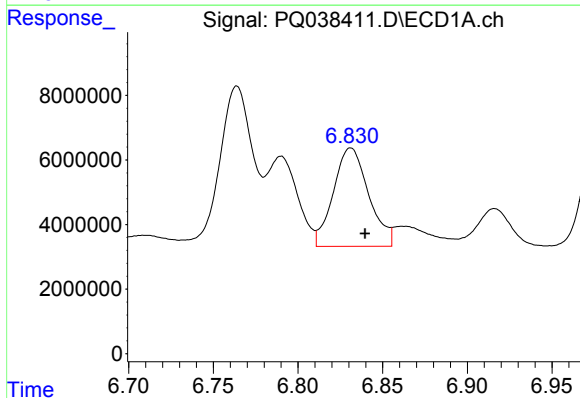
R.T.: 6.790 min
Delta R.T.: -0.009 min
Response: 34942081
Conc: 166.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



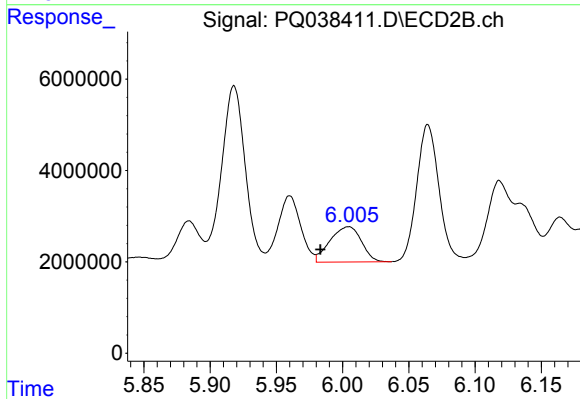
#24 AR-1248-4

R.T.: 5.606 min
Delta R.T.: 0.020 min
Response: 7351950
Conc: 81.31 ng/ml



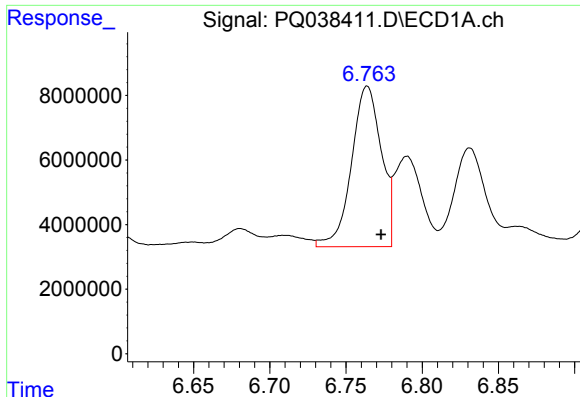
#25 AR-1248-5

R.T.: 6.831 min
Delta R.T.: -0.008 min
Response: 44365325
Conc: 220.12 ng/ml



#25 AR-1248-5

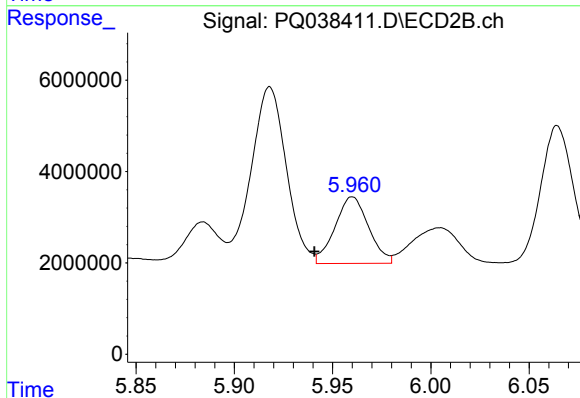
R.T.: 6.005 min
Delta R.T.: 0.021 min
Response: 12760696
Conc: 142.23 ng/ml



#26 AR-1254-1

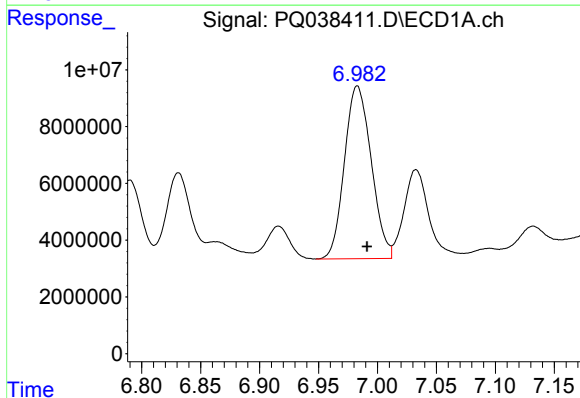
R.T.: 6.764 min
Delta R.T.: -0.009 min
Response: 67744526
Conc: 282.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



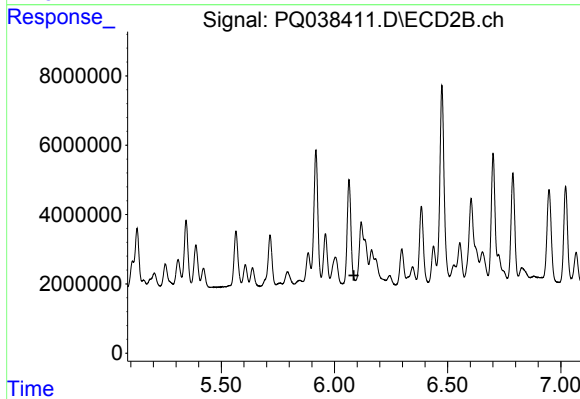
#26 AR-1254-1

R.T.: 5.960 min
Delta R.T.: 0.019 min
Response: 17417590
Conc: 108.33 ng/ml



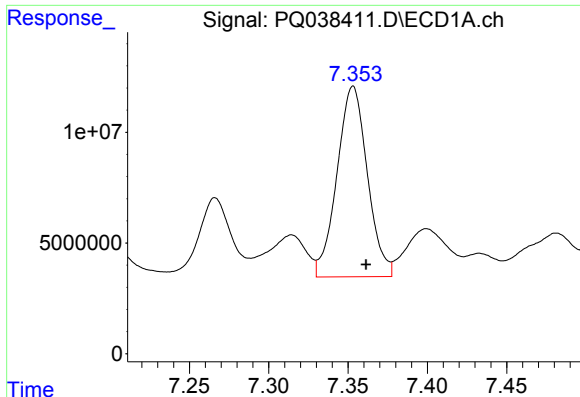
#27 AR-1254-2

R.T.: 6.983 min
Delta R.T.: -0.008 min
Response: 96128005
Conc: 254.88 ng/ml



#27 AR-1254-2

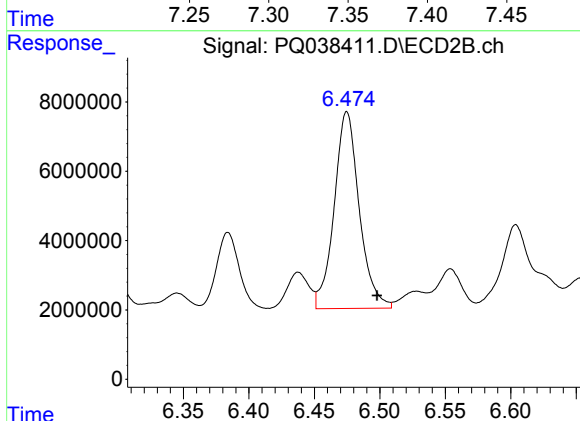
R.T.: 6.118 min
Delta R.T.: 0.033 min
Response: -15096204
Conc: N.D.



#28 AR-1254-3

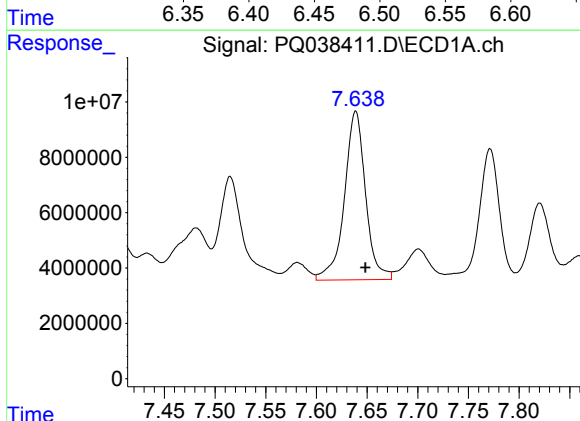
R.T.: 7.353 min
Delta R.T.: -0.008 min
Response: 114753728
Conc: 282.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



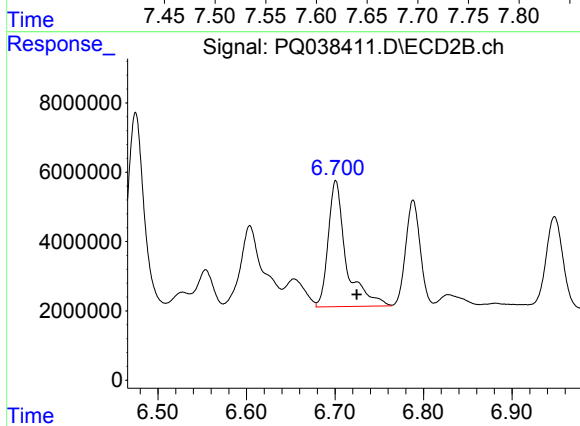
#28 AR-1254-3

R.T.: 6.475 min
Delta R.T.: -0.023 min
Response: 75773569
Conc: 315.15 ng/ml



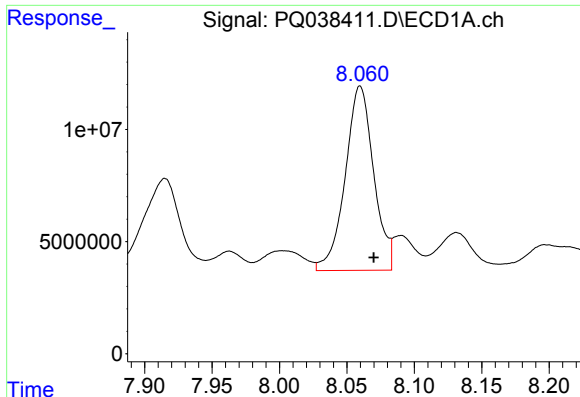
#29 AR-1254-4

R.T.: 7.639 min
Delta R.T.: -0.009 min
Response: 88648721
Conc: 314.93 ng/ml



#29 AR-1254-4

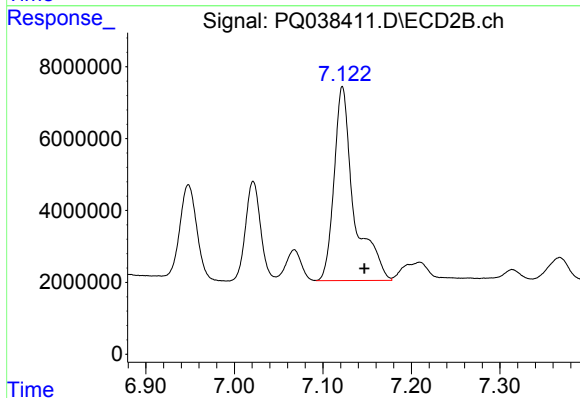
R.T.: 6.701 min
Delta R.T.: -0.023 min
Response: 51526466
Conc: 332.49 ng/ml



#30 AR-1254-5

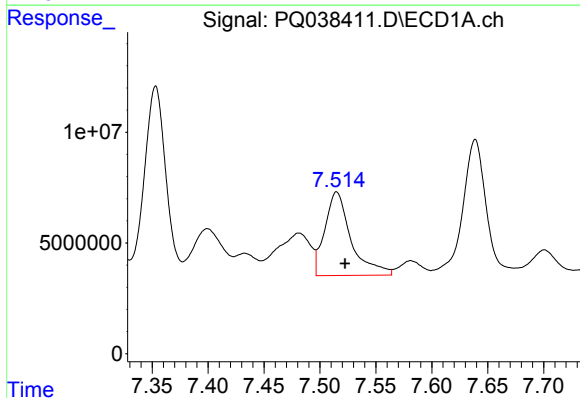
R.T.: 8.060 min
Delta R.T.: -0.010 min
Response: 120741150
Conc: 374.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



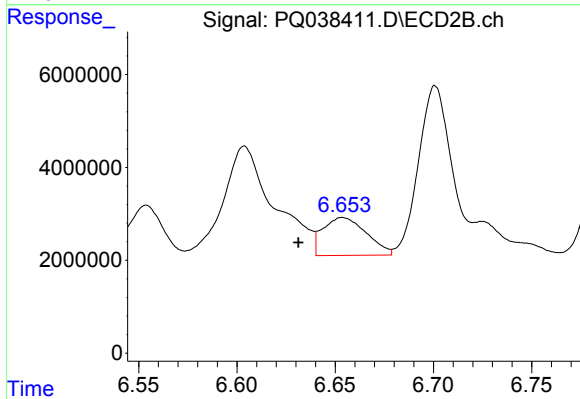
#30 AR-1254-5

R.T.: 7.122 min
Delta R.T.: -0.025 min
Response: 84624069
Conc: 417.43 ng/ml



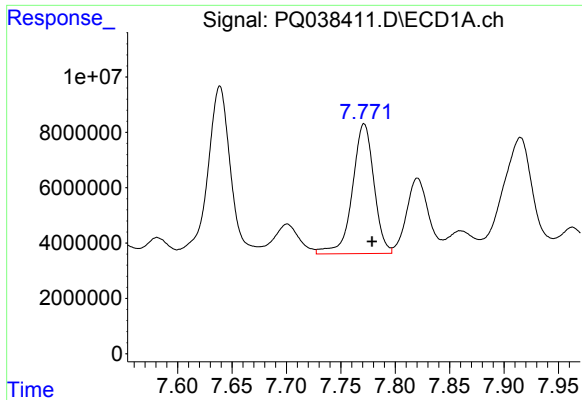
#31 AR-1260-1

R.T.: 7.515 min
Delta R.T.: -0.008 min
Response: 61712419
Conc: 145.05 ng/ml



#31 AR-1260-1

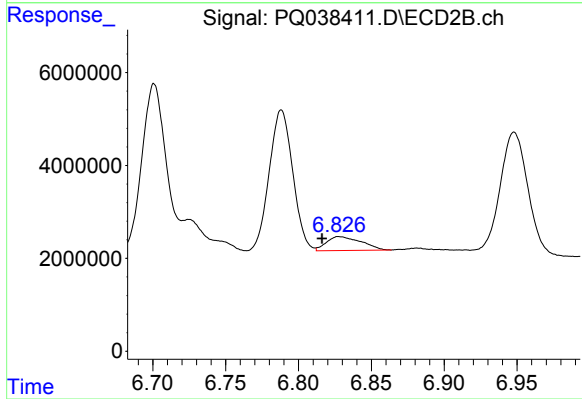
R.T.: 6.654 min
Delta R.T.: 0.022 min
Response: 12582962
Conc: 61.54 ng/ml



#32 AR-1260-2

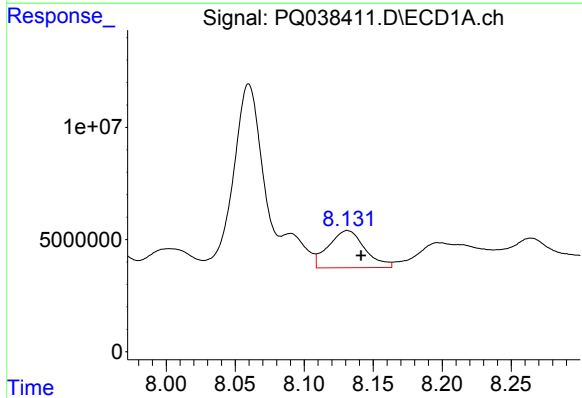
R.T.: 7.771 min
Delta R.T.: -0.007 min
Response: 64681164
Conc: 126.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



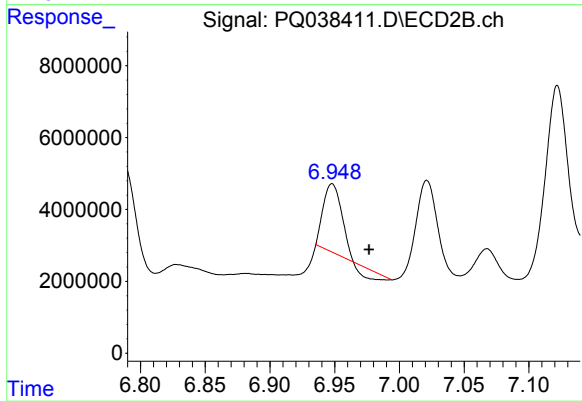
#32 AR-1260-2

R.T.: 6.828 min
Delta R.T.: 0.012 min
Response: 4988753
Conc: 19.48 ng/ml



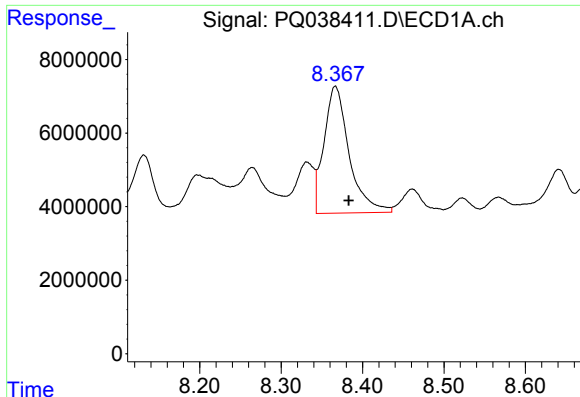
#33 AR-1260-3

R.T.: 8.131 min
Delta R.T.: -0.010 min
Response: 30495701
Conc: 78.84 ng/ml



#33 AR-1260-3

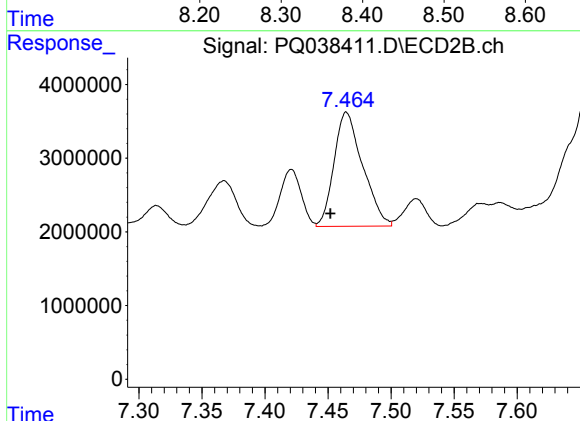
R.T.: 6.948 min
Delta R.T.: -0.028 min
Response: 16092172
Conc: 67.27 ng/ml



#34 AR-1260-4

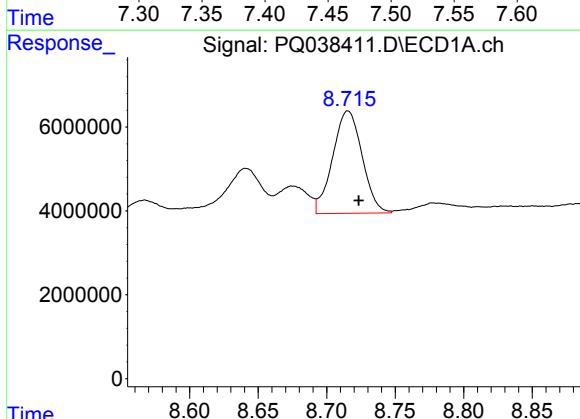
R.T.: 8.366 min
Delta R.T.: -0.016 min
Response: 73948136
Conc: 162.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



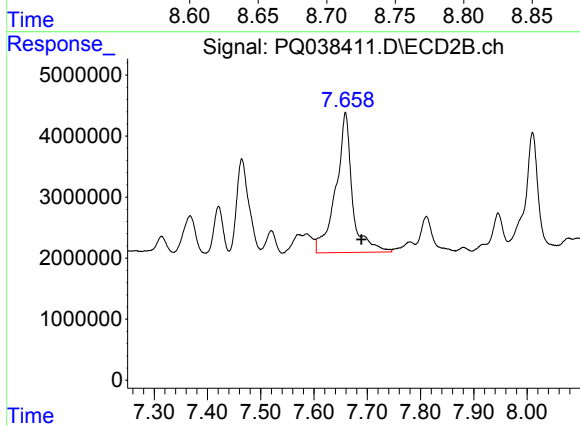
#34 AR-1260-4

R.T.: 7.465 min
Delta R.T.: 0.013 min
Response: 24459790
Conc: 123.57 ng/ml



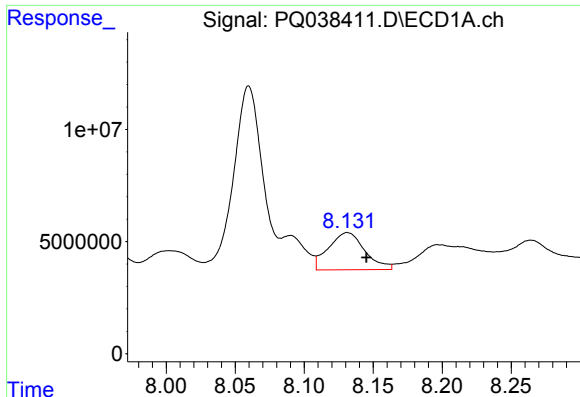
#35 AR-1260-5

R.T.: 8.716 min
Delta R.T.: -0.008 min
Response: 36522427
Conc: 38.57 ng/ml



#35 AR-1260-5

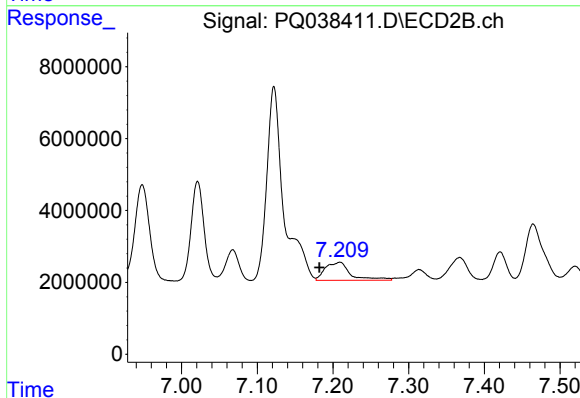
R.T.: 7.659 min
Delta R.T.: -0.030 min
Response: 49458403
Conc: 100.59 ng/ml



#36 AR-1262-1

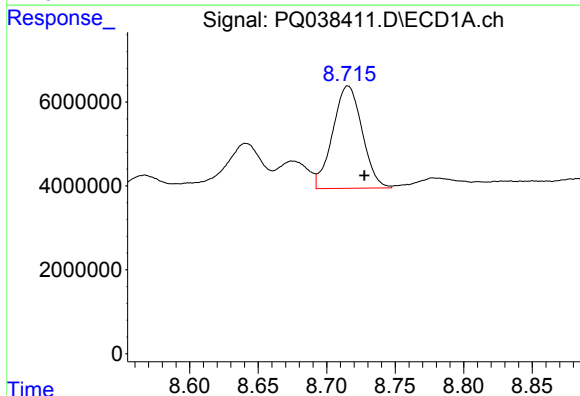
R.T.: 8.131 min
Delta R.T.: -0.014 min
Response: 30495701
Conc: 76.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



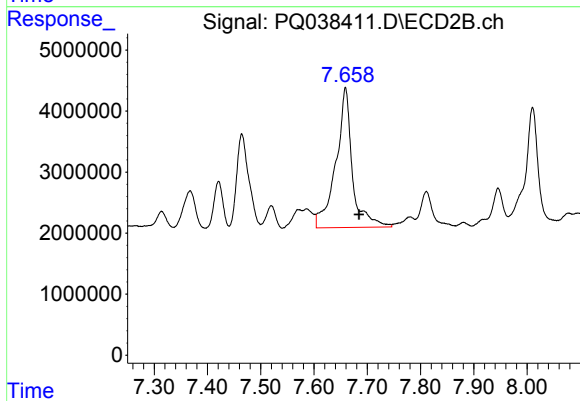
#36 AR-1262-1

R.T.: 7.209 min
Delta R.T.: 0.027 min
Response: 11725405
Conc: 54.45 ng/ml



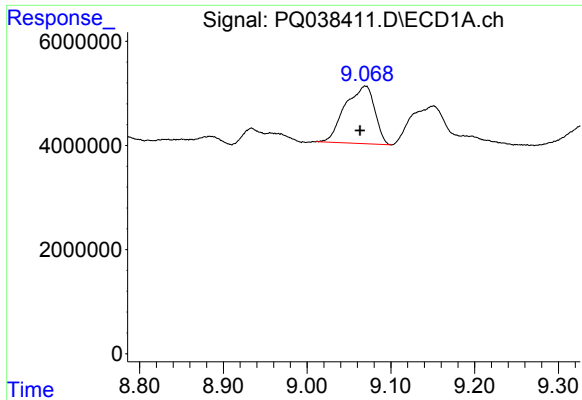
#37 AR-1262-2

R.T.: 8.716 min
Delta R.T.: -0.012 min
Response: 36522427
Conc: 51.20 ng/ml



#37 AR-1262-2

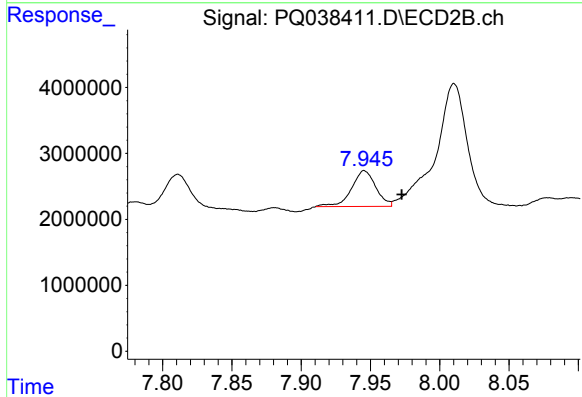
R.T.: 7.659 min
Delta R.T.: -0.026 min
Response: 49458403
Conc: 126.95 ng/ml



#38 AR-1262-3

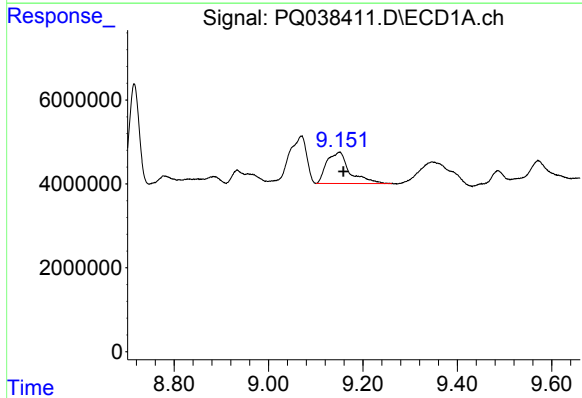
R.T.: 9.070 min
Delta R.T.: 0.007 min
Response: 27153434
Conc: 56.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



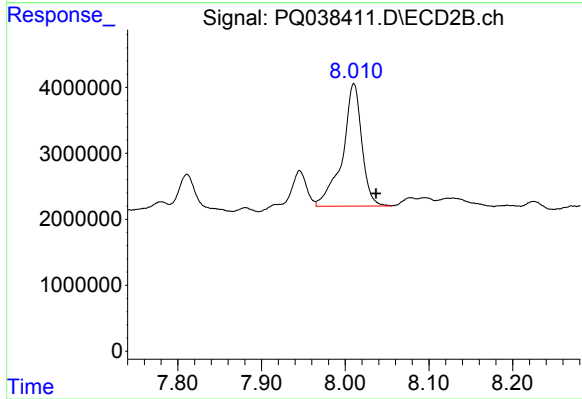
#38 AR-1262-3

R.T.: 7.946 min
Delta R.T.: -0.027 min
Response: 6617009
Conc: 44.44 ng/ml



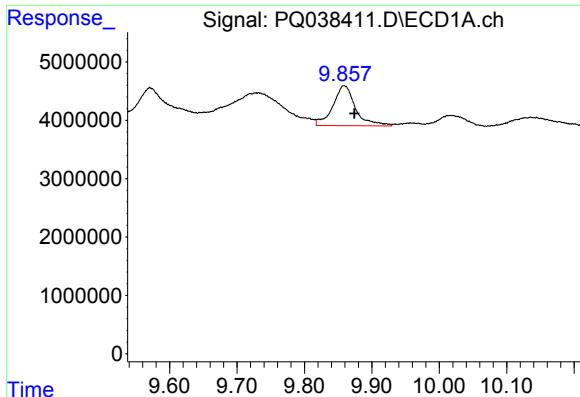
#39 AR-1262-4

R.T.: 9.151 min
Delta R.T.: -0.008 min
Response: 25117798
Conc: 66.37 ng/ml



#39 AR-1262-4

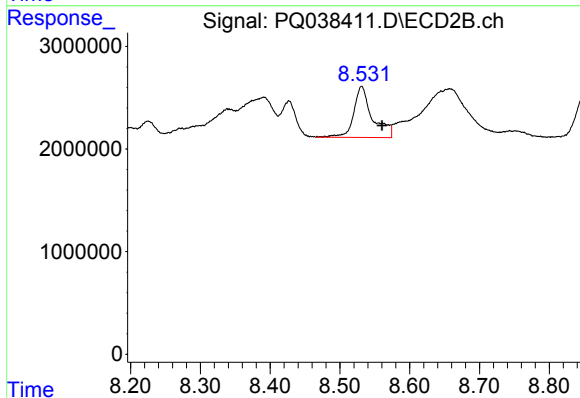
R.T.: 8.010 min
Delta R.T.: -0.027 min
Response: 29763618
Conc: 104.42 ng/ml



#40 AR-1262-5

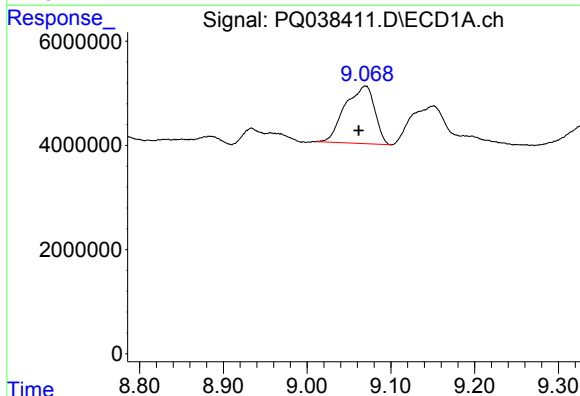
R.T.: 9.859 min
Delta R.T.: -0.015 min
Response: 16005389
Conc: 65.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



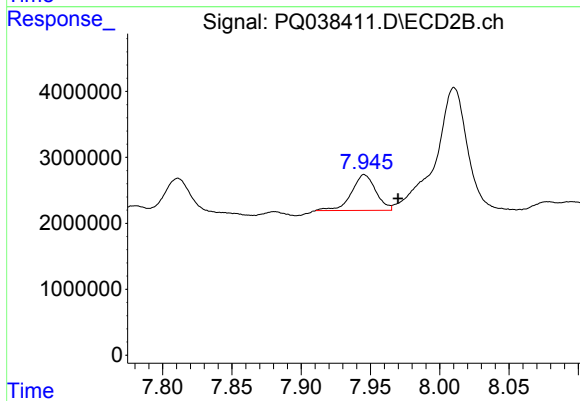
#40 AR-1262-5

R.T.: 8.531 min
Delta R.T.: -0.029 min
Response: 9213798
Conc: 77.96 ng/ml



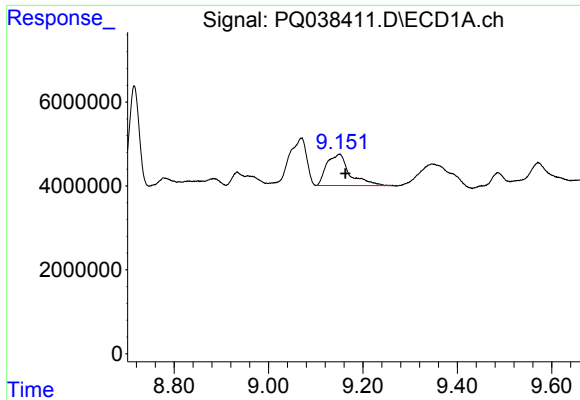
#41 AR-1268-1

R.T.: 9.070 min
Delta R.T.: 0.008 min
Response: 27153434
Conc: 17.13 ng/ml



#41 AR-1268-1

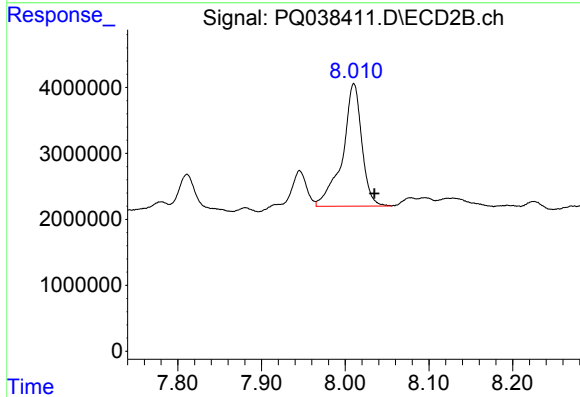
R.T.: 7.946 min
Delta R.T.: -0.024 min
Response: 6617009
Conc: 8.26 ng/ml



#42 AR-1268-2

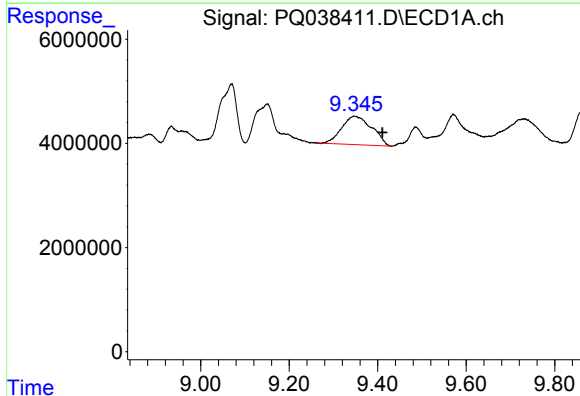
R.T.: 9.151 min
Delta R.T.: -0.012 min
Response: 25117798
Conc: 17.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



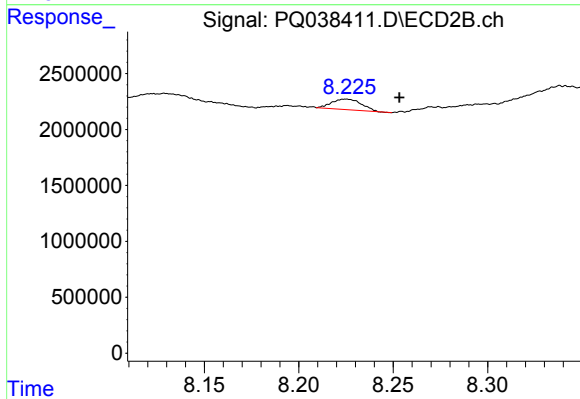
#42 AR-1268-2

R.T.: 8.010 min
Delta R.T.: -0.025 min
Response: 29763618
Conc: 41.00 ng/ml



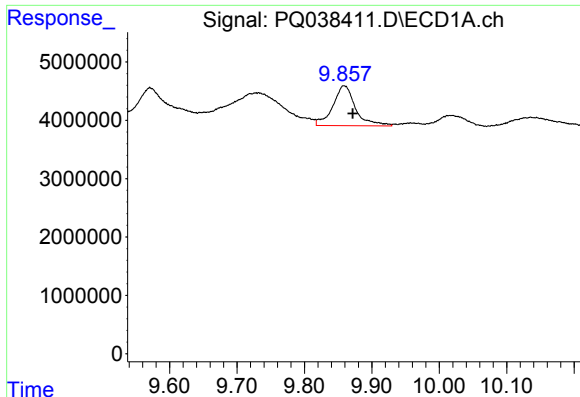
#43 AR-1268-3

R.T.: 9.346 min
Delta R.T.: -0.064 min
Response: 25884440
Conc: 20.08 ng/ml



#43 AR-1268-3

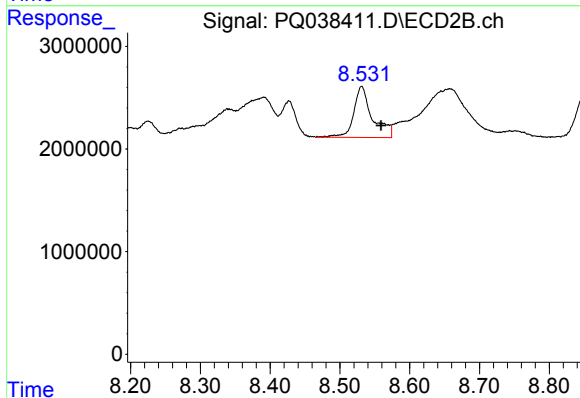
R.T.: 8.225 min
Delta R.T.: -0.028 min
Response: 1031814
Conc: 1.64 ng/ml



#44 AR-1268-4

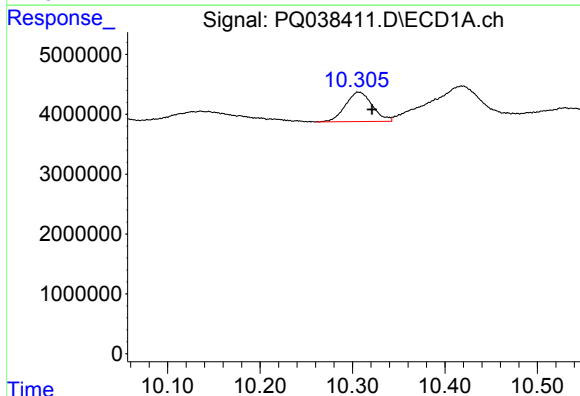
R.T.: 9.859 min
Delta R.T.: -0.013 min
Response: 16005389
Conc: 33.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5T0DL



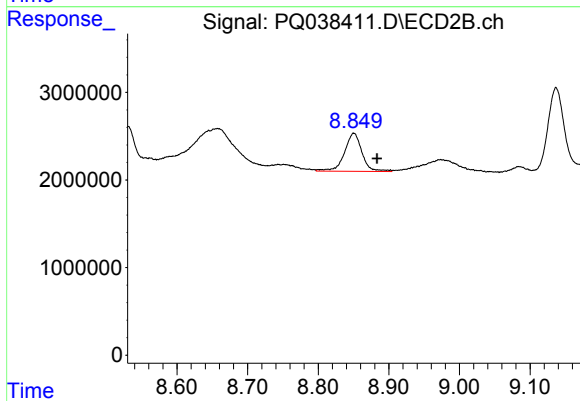
#44 AR-1268-4

R.T.: 8.531 min
Delta R.T.: -0.028 min
Response: 9213798
Conc: 39.13 ng/ml



#45 AR-1268-5

R.T.: 10.307 min
Delta R.T.: -0.015 min
Response: 9983709
Conc: 2.32 ng/ml



#45 AR-1268-5

R.T.: 8.850 min
Delta R.T.: -0.033 min
Response: 7515404
Conc: 3.90 ng/ml