

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
 Data File : PQ038353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2019 06:00
 Operator : SM\SJ
 Sample : K2031-16
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5S6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 07:46:32 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...	4.725	4.004	119.0E6	51671827	28.870	30.616
2)	SA Decachlor...	10.681	9.190	247.1E6	1005855	45.429	0.425 #
Target Compounds							
3)	L1 AR-1016-1	5.908	5.131	41024037	37037914	171.794	346.671 #
4)	L1 AR-1016-2	5.929	5.162	89931275	4832894	247.726	31.198 #
5)	L1 AR-1016-3	5.992	5.346	33565185	78587148	150.792	980.086 #
6)	L1 AR-1016-4	6.091	5.392	48723786	25206639	264.297	396.986 #
7)	L1 AR-1016-5	6.389	5.609	104.7E6	24889091	567.379	284.160 #
8)	L2 AR-1221-1	0.000	4.208	0	1015083	N.D.	43.489 #
9)	L2 AR-1221-2	0.000	4.312	0	3322810	N.D.	199.597 #
10)	L2 AR-1221-3	5.101	4.388	4534509	3824633	34.775	67.232 #
11)	L3 AR-1232-1	5.101	4.388	4534509	3824633	47.170	93.547 #
12)	L3 AR-1232-2	5.637	5.162	38031425	4832894	734.190	108.287 #
13)	L3 AR-1232-3	5.929	5.346	89931275	78587148	847.360	3266.168 #
14)	L3 AR-1232-4	6.091	5.424	48723786	28809294	919.479	1275.554 #
15)	L3 AR-1232-5	6.180	5.568	77590171	36115602	1907.127	1492.108
16)	L4 AR-1242-1	5.908	5.131	41024037	37037914	268.026	525.995 #
17)	L4 AR-1242-2	5.929	5.162	89931275	4832894	393.617	47.966 #
18)	L4 AR-1242-3	5.992	5.346	33565185	78587148	233.849	1467.986 #
19)	L4 AR-1242-4	6.091	5.424	48723786	28809294	422.427	530.753 #
20)	L4 AR-1242-5	6.833	5.919	101.7E6	121.7E6	765.926	1655.359 #
21)	L5 AR-1248-1	5.908	5.131	41024037	37037914	381.301	738.091 #
22)	L5 AR-1248-2	6.180	5.346	77590171	78587148	475.955	1102.837 #
23)	L5 AR-1248-3	6.389	5.424	104.7E6	28809294	572.642	393.288 #
24)	L5 AR-1248-4	6.793	5.568	70296620	36115602	335.290	399.411
25)	L5 AR-1248-5	6.833	5.964	101.7E6	35576786	504.780	396.537
26)	L6 AR-1254-1	6.766	5.919	124.5E6	121.7E6	518.518	756.828 #
27)	L6 AR-1254-2	6.986	6.124	254.3E6	52154506	674.305	373.265 #
28)	L6 AR-1254-3	7.356	6.478	367.3E6	238.1E6	904.684	990.484
29)	L6 AR-1254-4	7.641	6.730	380.0E6	31323697	1350.122	202.127 #
30)	L6 AR-1254-5	8.063	7.157	635.2E6	96801653	1967.969	477.502 #
31)	L7 AR-1260-1	7.517	6.609	382.2E6	136.5E6	898.279	667.823 #
32)	L7 AR-1260-2	7.774	6.830	308.0E6	45523734	599.892	177.718 #
33)	L7 AR-1260-3	8.136	6.952	148.8E6	106.5E6	384.541	445.204
34)	L7 AR-1260-4	8.371	7.468	305.1E6	148.6E6	668.800	750.630
35)	L7 AR-1260-5	8.720	7.699	294.0E6	14694549	310.509	29.886 #
36)	L8 AR-1262-1	8.136	7.157	148.8E6	96801653	375.257	449.557
37)	L8 AR-1262-2	8.720	7.699	294.0E6	14694549	412.222	37.718 #
38)	L8 AR-1262-3	9.058	7.950	112.7E6	37902759	235.544	254.580
39)	L8 AR-1262-4	9.154	8.015	164.8E6	145.6E6	435.456	510.858
40)	L8 AR-1262-5	9.864	8.536	112.2E6	63547052	456.354	537.651
41)	L9 AR-1268-1	9.058	7.950	112.7E6	37902759	71.107	47.334 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032519\
Data File : PQ038353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2019 06:00
Operator : SM\SJ
Sample : K2031-16
Misc :
ALS Vial : 62 Sample Multiplier: 1

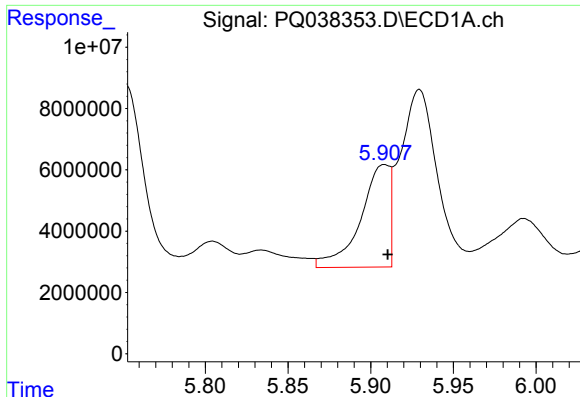
Instrument :
ECD_Q
ClientSampleId :
BF5S6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 07:46:32 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
42)	L9 AR-1268-2	9.154	8.015	164.8E6	145.6E6	113.402	200.611 #
43)	L9 AR-1268-3	9.402	8.274	19172173	2270797	14.872	3.609 #
44)	L9 AR-1268-4	9.864	8.536	112.2E6	63547052	234.814	269.894
45)	L9 AR-1268-5	10.313	8.857	109.8E6	56360438	25.479	29.266

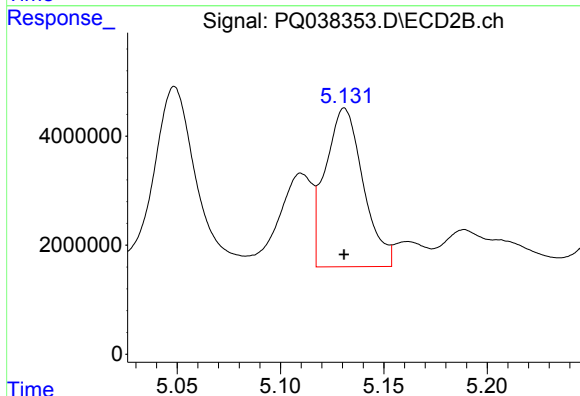
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

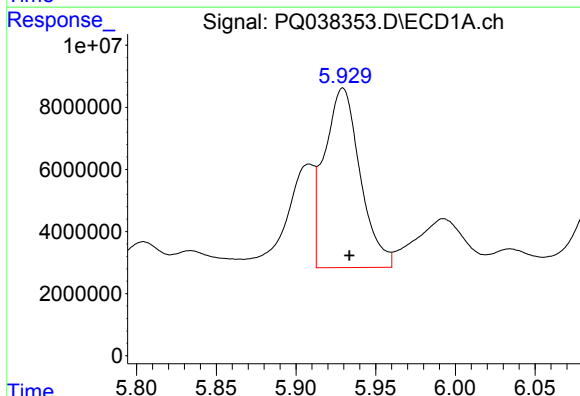
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 41024037
Conc: 171.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



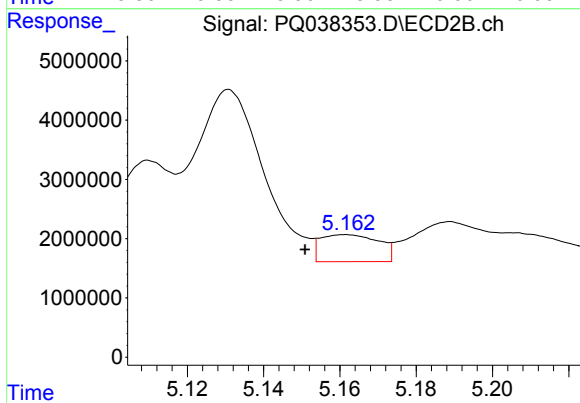
#3 AR-1016-1

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 37037914
Conc: 346.67 ng/ml



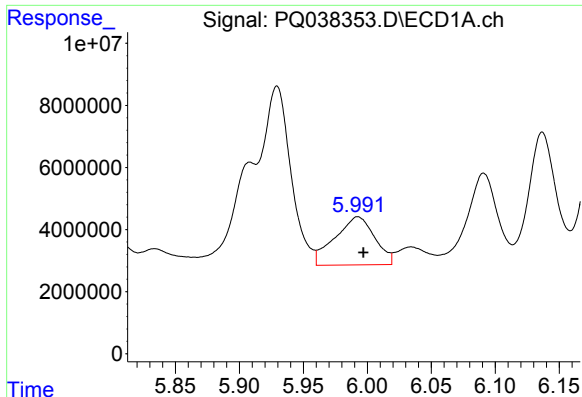
#4 AR-1016-2

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 89931275
Conc: 247.73 ng/ml



#4 AR-1016-2

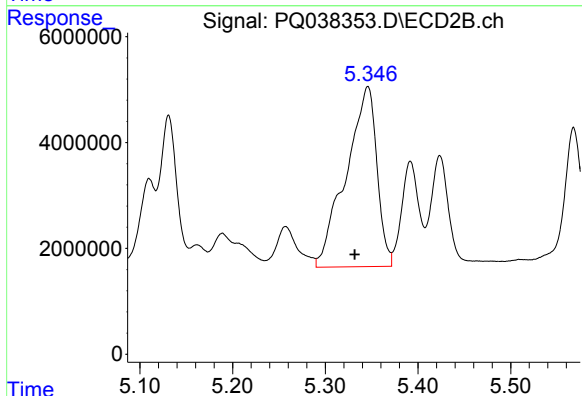
R.T.: 5.162 min
Delta R.T.: 0.011 min
Response: 4832894
Conc: 31.20 ng/ml



#5 AR-1016-3

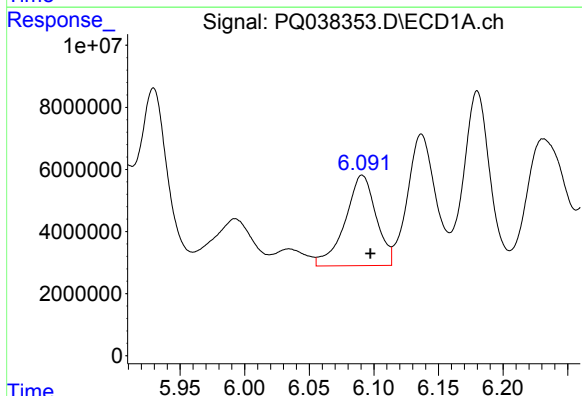
R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 33565185
Conc: 150.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



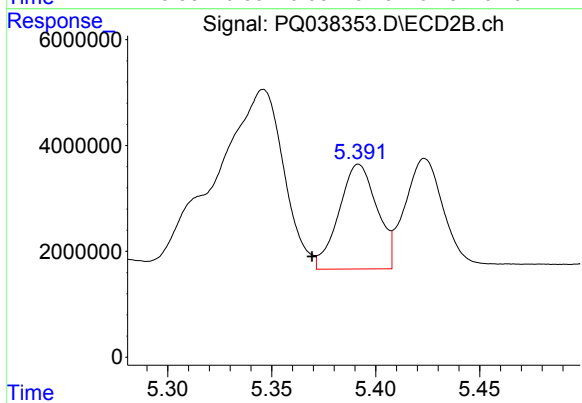
#5 AR-1016-3

R.T.: 5.346 min
Delta R.T.: 0.014 min
Response: 78587148
Conc: 980.09 ng/ml



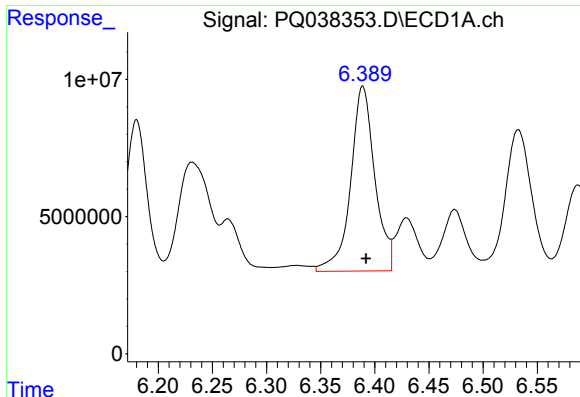
#6 AR-1016-4

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 48723786
Conc: 264.30 ng/ml



#6 AR-1016-4

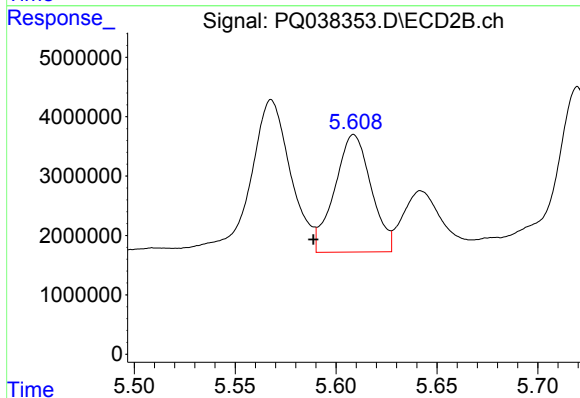
R.T.: 5.392 min
Delta R.T.: 0.022 min
Response: 25206639
Conc: 396.99 ng/ml



#7 AR-1016-5

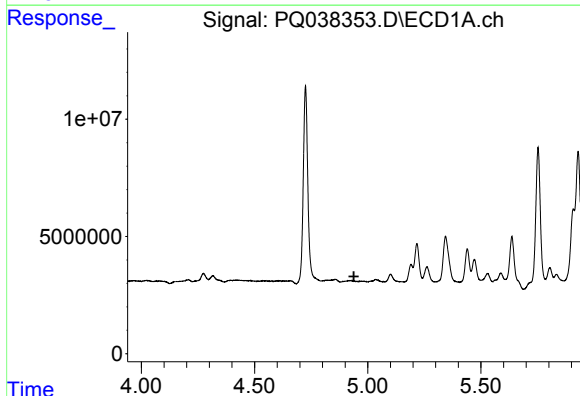
R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 104729594
Conc: 567.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



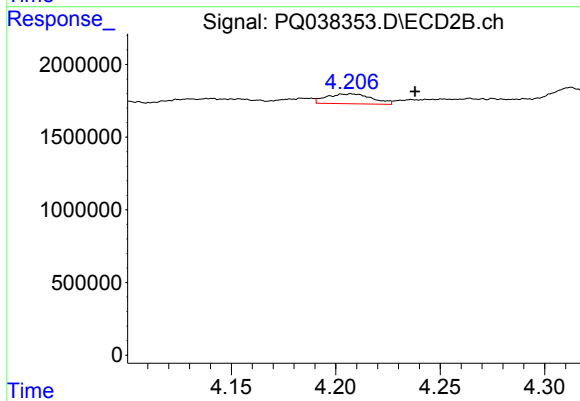
#7 AR-1016-5

R.T.: 5.609 min
Delta R.T.: 0.020 min
Response: 24889091
Conc: 284.16 ng/ml



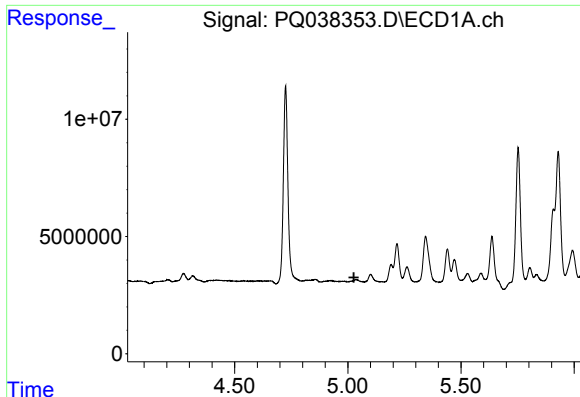
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.939 min
Response: 0
Conc: N.D.



#8 AR-1221-1

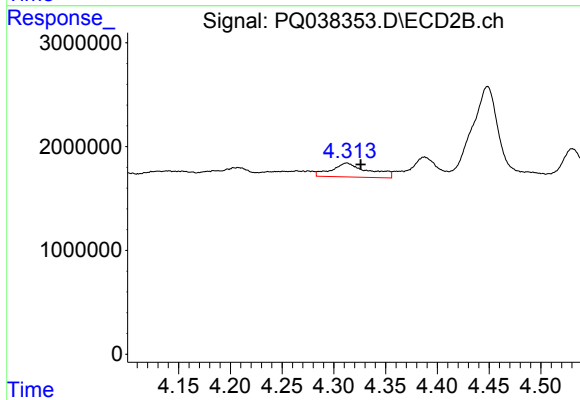
R.T.: 4.208 min
Delta R.T.: -0.030 min
Response: 1015083
Conc: 43.49 ng/ml



#9 AR-1221-2

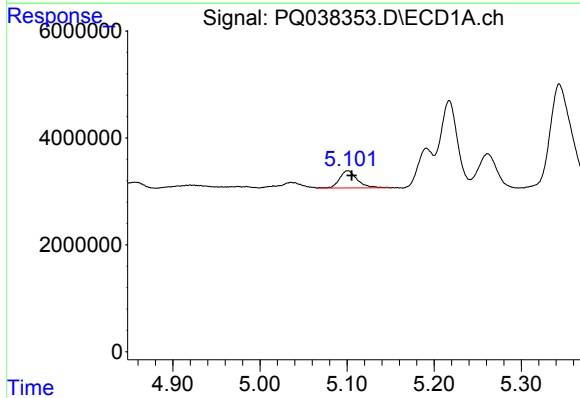
R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BF5S6



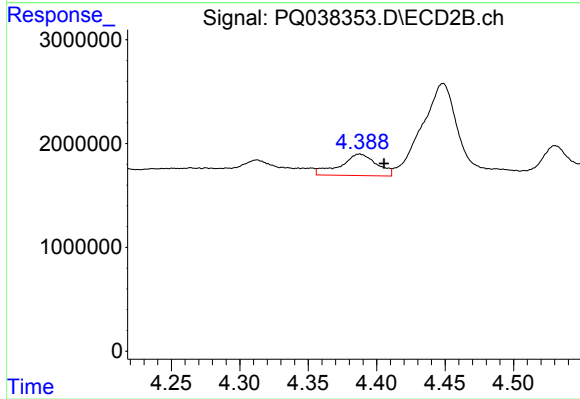
#9 AR-1221-2

R.T.: 4.312 min
Delta R.T.: -0.014 min
Response: 3322810
Conc: 199.60 ng/ml



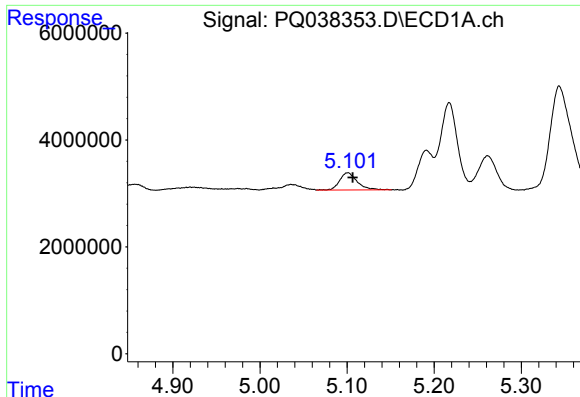
#10 AR-1221-3

R.T.: 5.101 min
Delta R.T.: -0.004 min
Response: 4534509
Conc: 34.78 ng/ml



#10 AR-1221-3

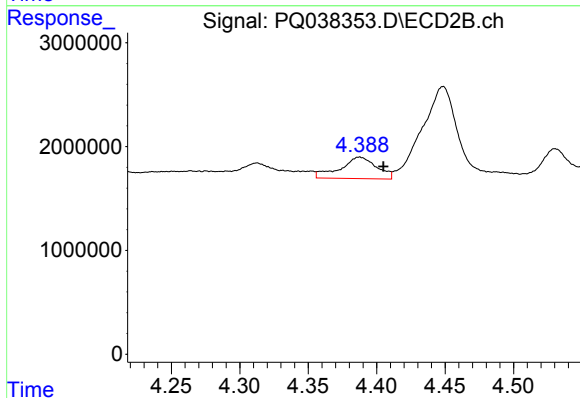
R.T.: 4.388 min
Delta R.T.: -0.018 min
Response: 3824633
Conc: 67.23 ng/ml



#11 AR-1232-1

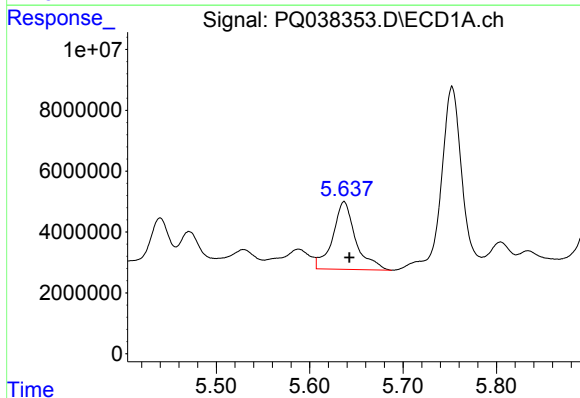
R.T.: 5.101 min
Delta R.T.: -0.005 min
Response: 4534509
Conc: 47.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



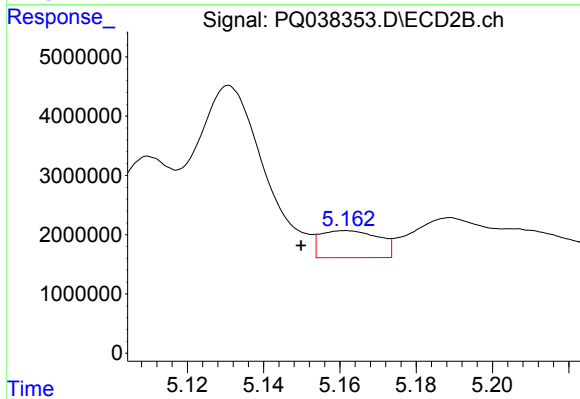
#11 AR-1232-1

R.T.: 4.388 min
Delta R.T.: -0.018 min
Response: 3824633
Conc: 93.55 ng/ml



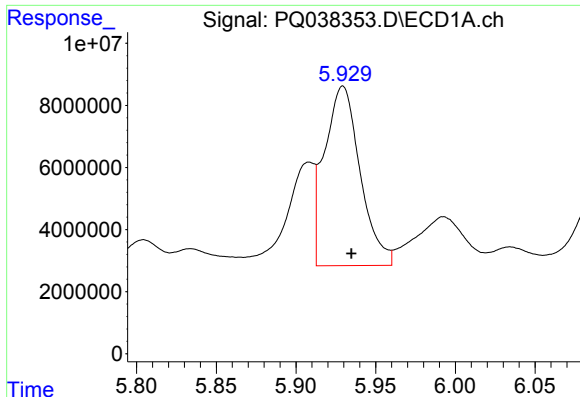
#12 AR-1232-2

R.T.: 5.637 min
Delta R.T.: -0.006 min
Response: 38031425
Conc: 734.19 ng/ml



#12 AR-1232-2

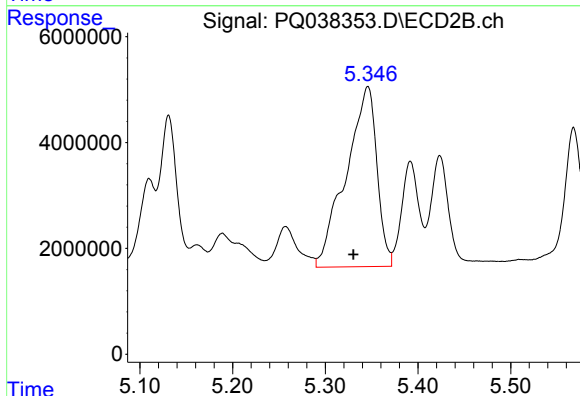
R.T.: 5.162 min
Delta R.T.: 0.012 min
Response: 4832894
Conc: 108.29 ng/ml



#13 AR-1232-3

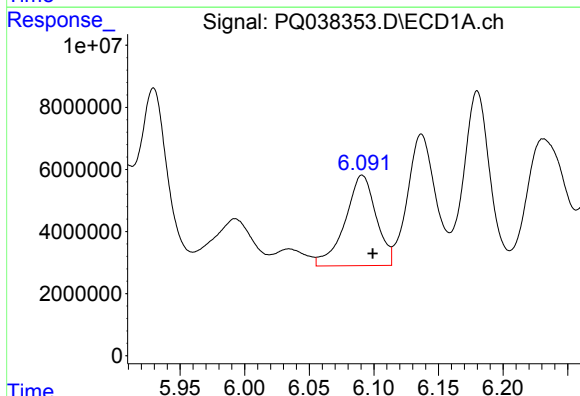
R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 89931275
Conc: 847.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



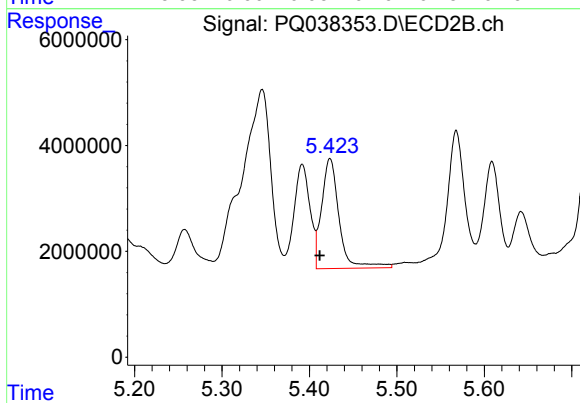
#13 AR-1232-3

R.T.: 5.346 min
Delta R.T.: 0.016 min
Response: 78587148
Conc: 3266.17 ng/ml



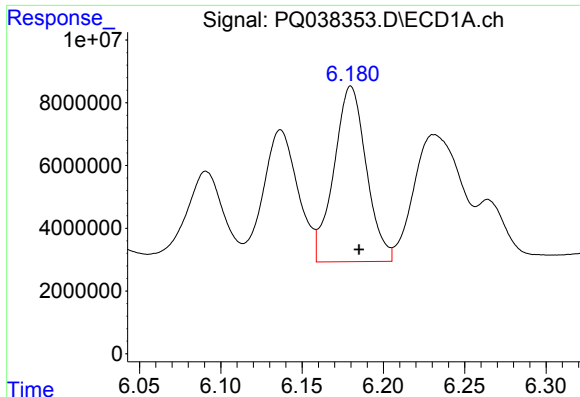
#14 AR-1232-4

R.T.: 6.091 min
Delta R.T.: -0.008 min
Response: 48723786
Conc: 919.48 ng/ml



#14 AR-1232-4

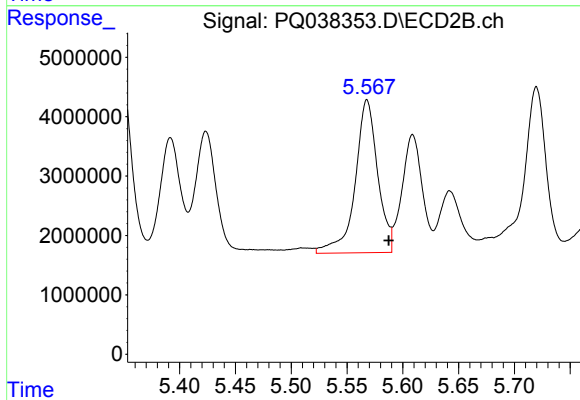
R.T.: 5.424 min
Delta R.T.: 0.012 min
Response: 28809294
Conc: 1275.55 ng/ml



#15 AR-1232-5

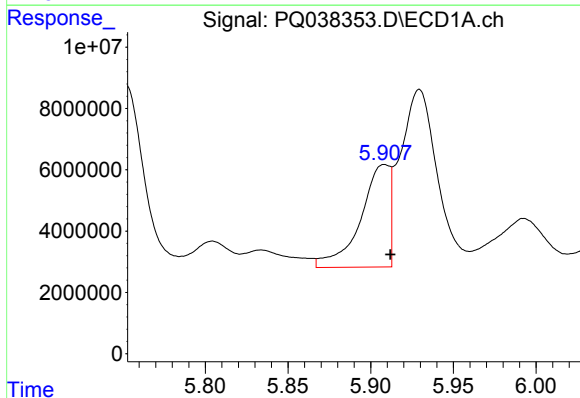
R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 77590171
Conc: 1907.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



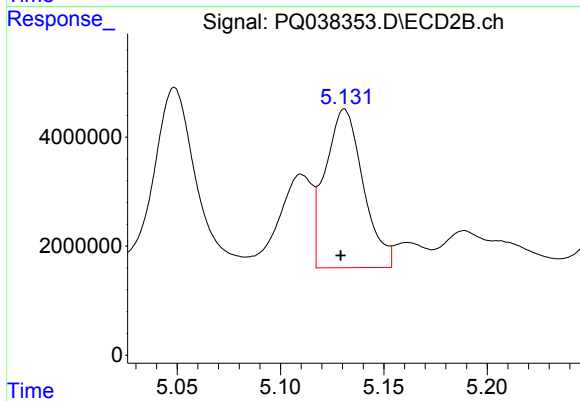
#15 AR-1232-5

R.T.: 5.568 min
Delta R.T.: -0.019 min
Response: 36115602
Conc: 1492.11 ng/ml



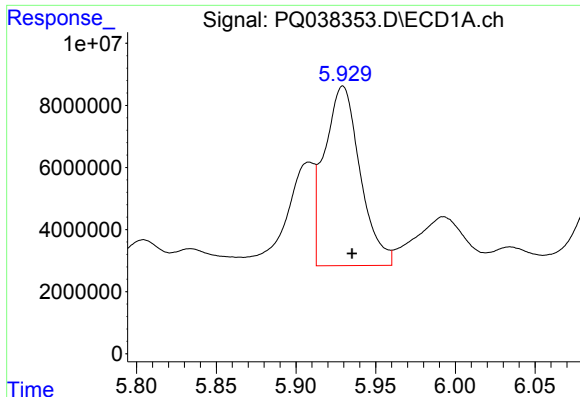
#16 AR-1242-1

R.T.: 5.908 min
Delta R.T.: -0.003 min
Response: 41024037
Conc: 268.03 ng/ml



#16 AR-1242-1

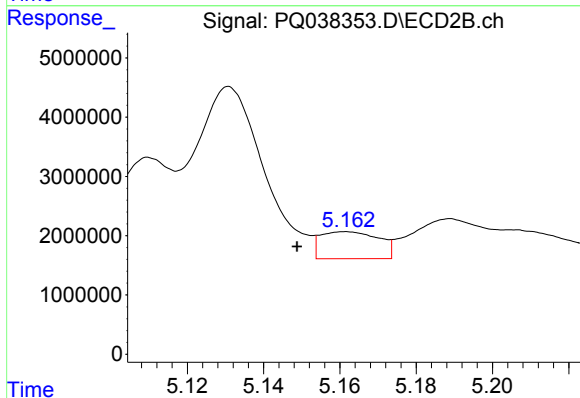
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 37037914
Conc: 525.99 ng/ml



#17 AR-1242-2

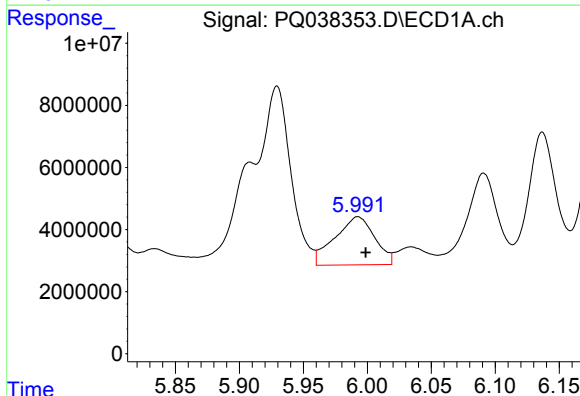
R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 89931275
Conc: 393.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



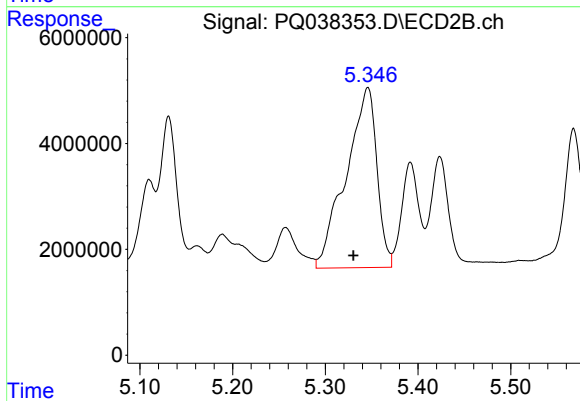
#17 AR-1242-2

R.T.: 5.162 min
Delta R.T.: 0.013 min
Response: 4832894
Conc: 47.97 ng/ml



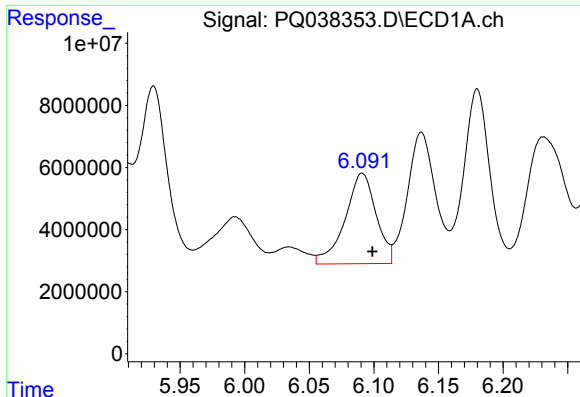
#18 AR-1242-3

R.T.: 5.992 min
Delta R.T.: -0.006 min
Response: 33565185
Conc: 233.85 ng/ml



#18 AR-1242-3

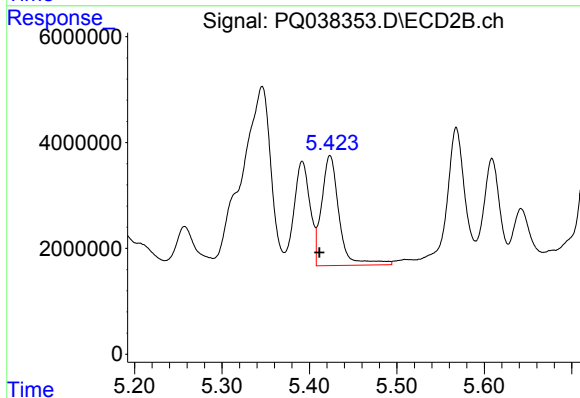
R.T.: 5.346 min
Delta R.T.: 0.015 min
Response: 78587148
Conc: 1467.99 ng/ml



#19 AR-1242-4

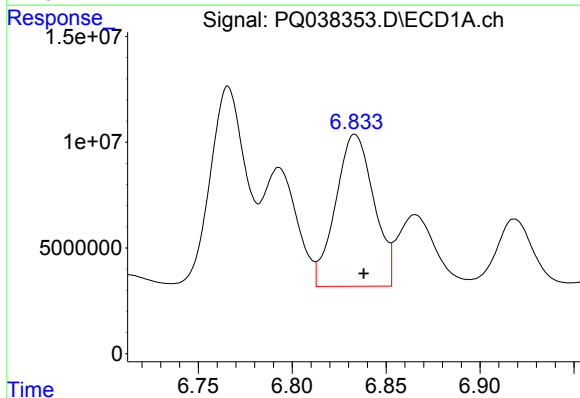
R.T.: 6.091 min
Delta R.T.: -0.008 min
Response: 48723786
Conc: 422.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



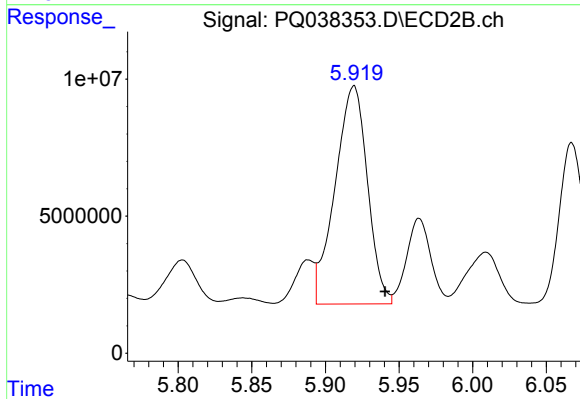
#19 AR-1242-4

R.T.: 5.424 min
Delta R.T.: 0.012 min
Response: 28809294
Conc: 530.75 ng/ml



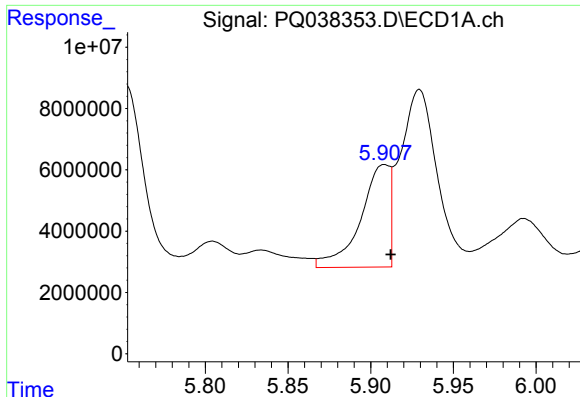
#20 AR-1242-5

R.T.: 6.833 min
Delta R.T.: -0.005 min
Response: 101737215
Conc: 765.93 ng/ml



#20 AR-1242-5

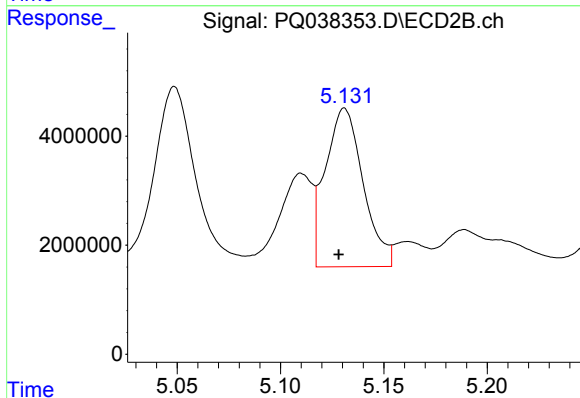
R.T.: 5.919 min
Delta R.T.: -0.021 min
Response: 121683167
Conc: 1655.36 ng/ml



#21 AR-1248-1

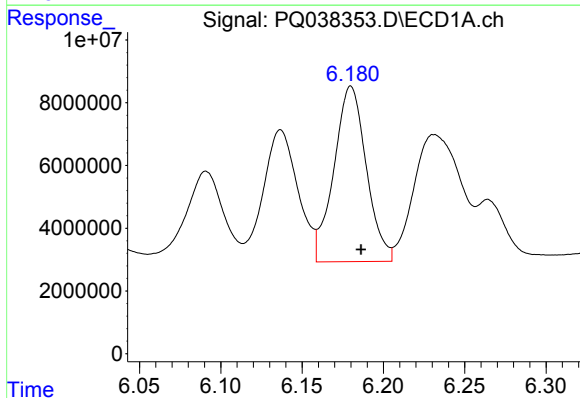
R.T.: 5.908 min
Delta R.T.: -0.004 min
Response: 41024037
Conc: 381.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



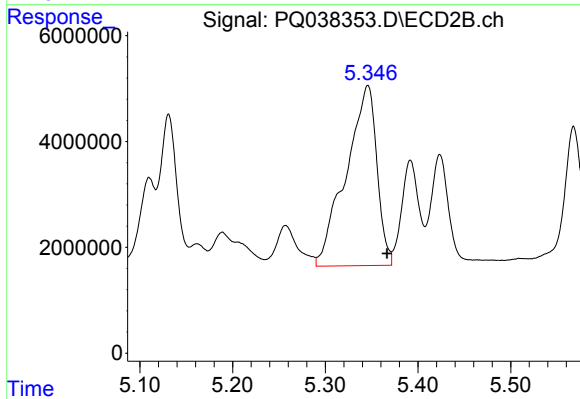
#21 AR-1248-1

R.T.: 5.131 min
Delta R.T.: 0.003 min
Response: 37037914
Conc: 738.09 ng/ml



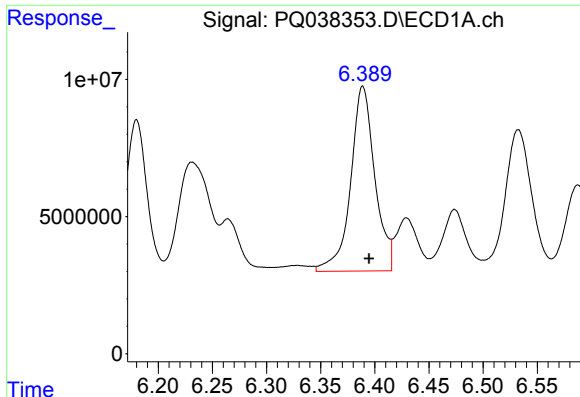
#22 AR-1248-2

R.T.: 6.180 min
Delta R.T.: -0.006 min
Response: 77590171
Conc: 475.96 ng/ml



#22 AR-1248-2

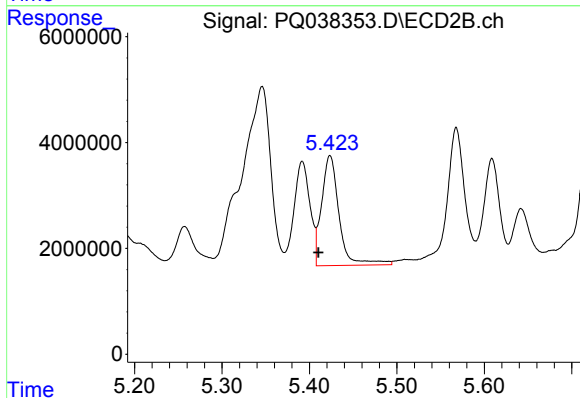
R.T.: 5.346 min
Delta R.T.: -0.021 min
Response: 78587148
Conc: 1102.84 ng/ml



#23 AR-1248-3

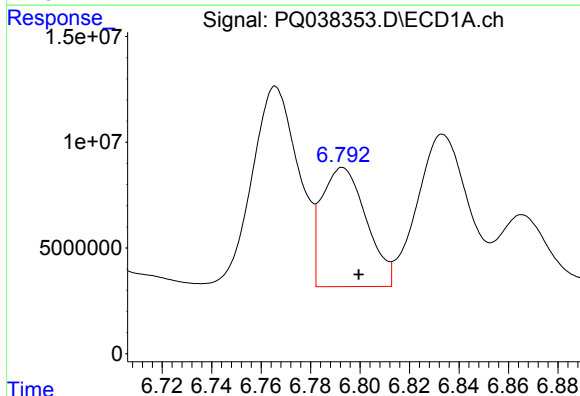
R.T.: 6.389 min
Delta R.T.: -0.006 min
Response: 104729594
Conc: 572.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



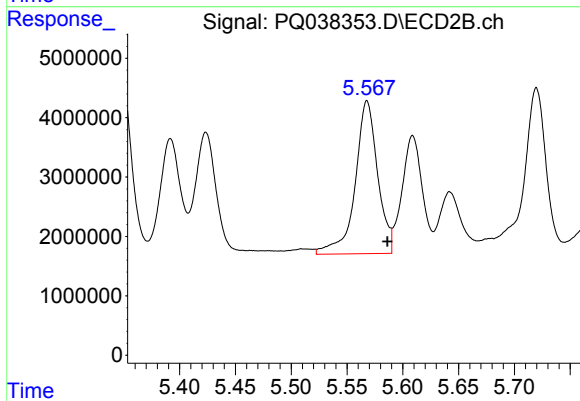
#23 AR-1248-3

R.T.: 5.424 min
Delta R.T.: 0.013 min
Response: 28809294
Conc: 393.29 ng/ml



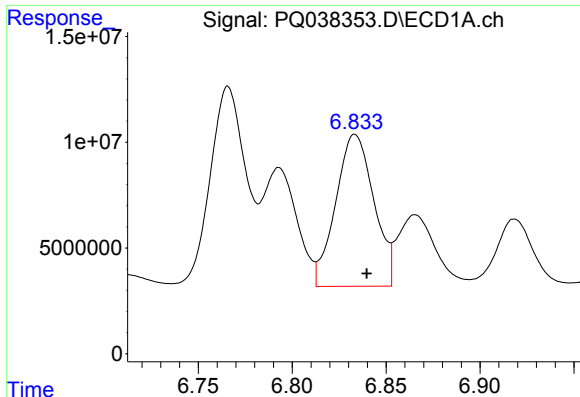
#24 AR-1248-4

R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 70296620
Conc: 335.29 ng/ml



#24 AR-1248-4

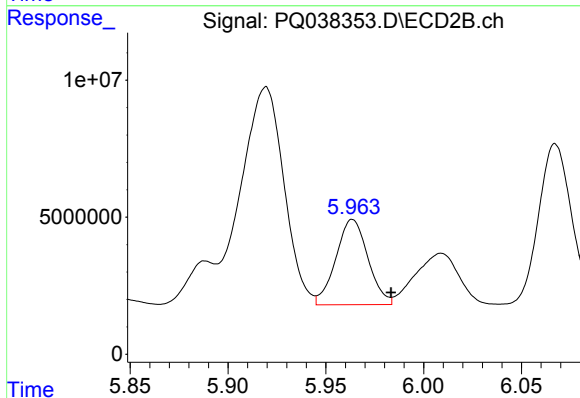
R.T.: 5.568 min
Delta R.T.: -0.018 min
Response: 36115602
Conc: 399.41 ng/ml



#25 AR-1248-5

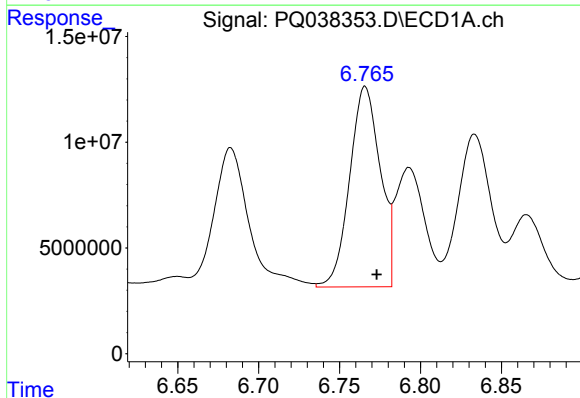
R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 101737215
Conc: 504.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



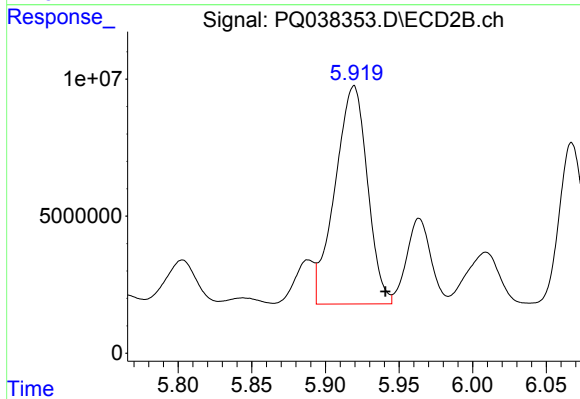
#25 AR-1248-5

R.T.: 5.964 min
Delta R.T.: -0.020 min
Response: 35576786
Conc: 396.54 ng/ml



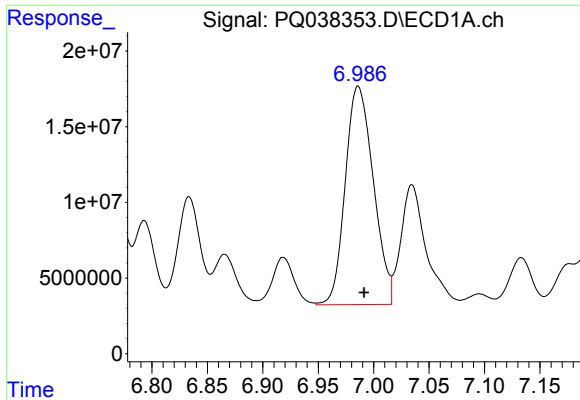
#26 AR-1254-1

R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 124513732
Conc: 518.52 ng/ml



#26 AR-1254-1

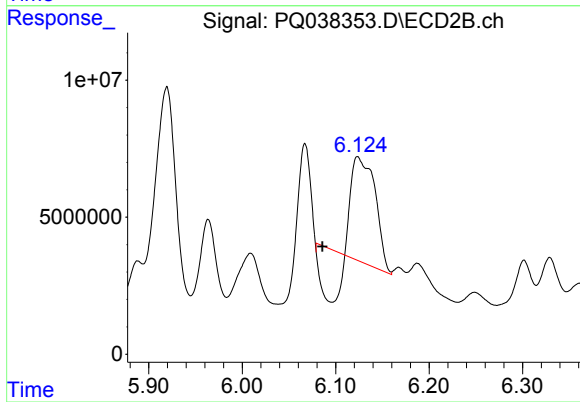
R.T.: 5.919 min
Delta R.T.: -0.021 min
Response: 121683167
Conc: 756.83 ng/ml



#27 AR-1254-2

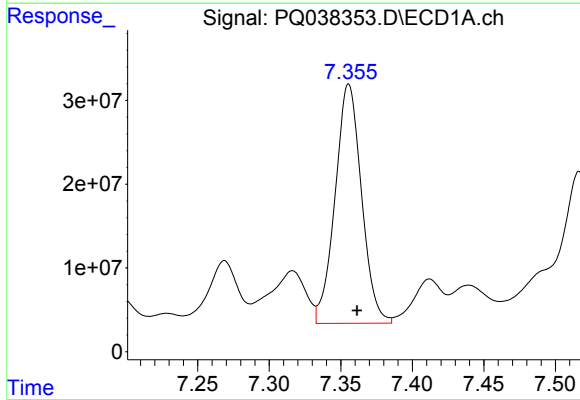
R.T.: 6.986 min
Delta R.T.: -0.005 min
Response: 254311161
Conc: 674.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



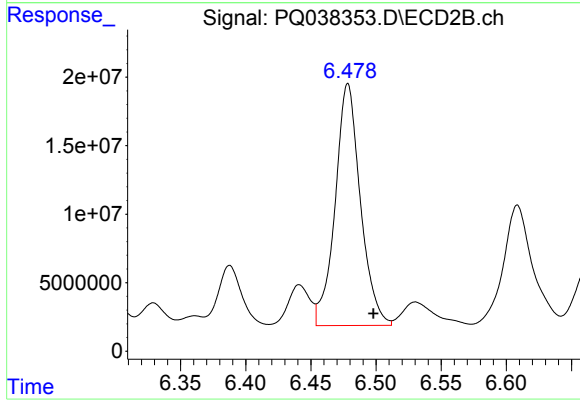
#27 AR-1254-2

R.T.: 6.124 min
Delta R.T.: 0.038 min
Response: 52154506
Conc: 373.27 ng/ml



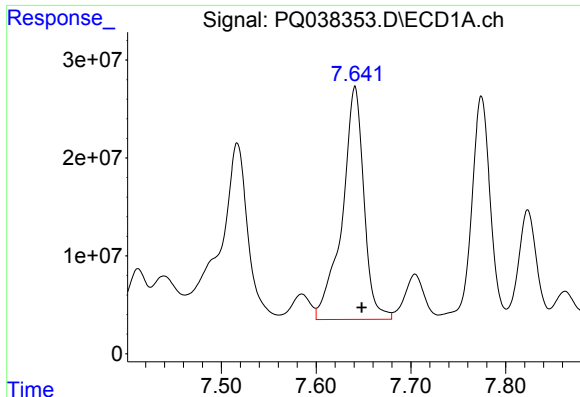
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 367285691
Conc: 904.68 ng/ml



#28 AR-1254-3

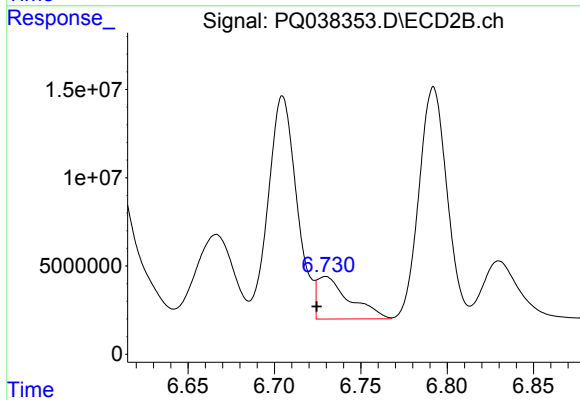
R.T.: 6.478 min
Delta R.T.: -0.020 min
Response: 238145081
Conc: 990.48 ng/ml



#29 AR-1254-4

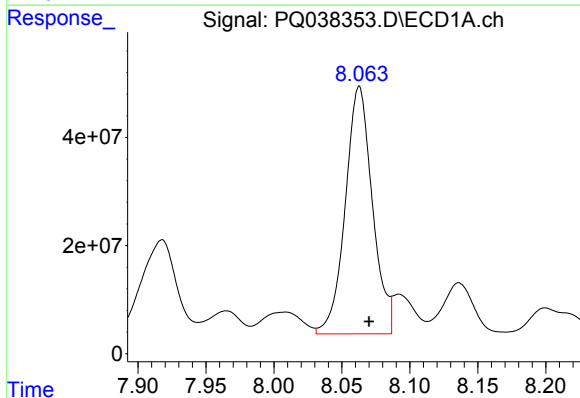
R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 380039178
Conc: 1350.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



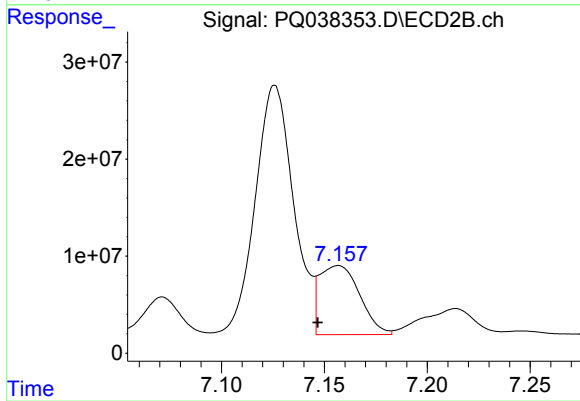
#29 AR-1254-4

R.T.: 6.730 min
Delta R.T.: 0.005 min
Response: 31323697
Conc: 202.13 ng/ml



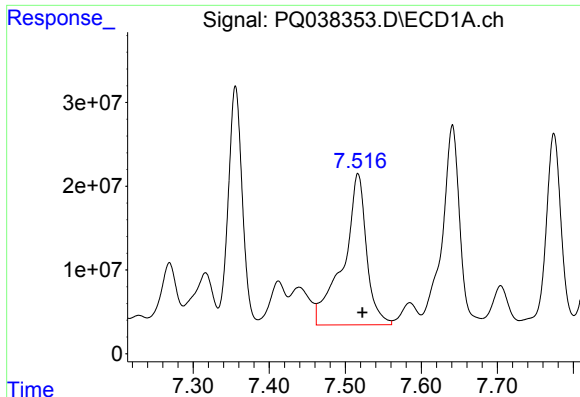
#30 AR-1254-5

R.T.: 8.063 min
Delta R.T.: -0.007 min
Response: 635231472
Conc: 1967.97 ng/ml



#30 AR-1254-5

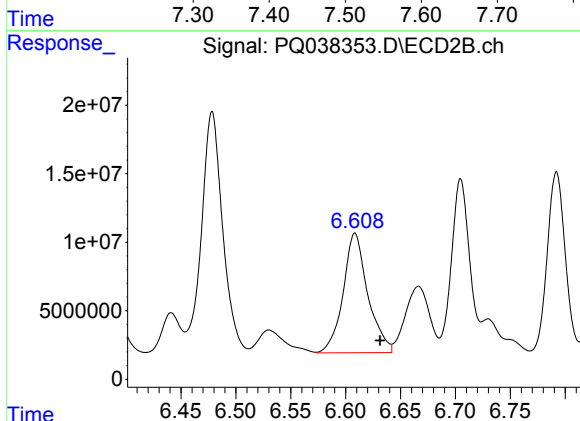
R.T.: 7.157 min
Delta R.T.: 0.010 min
Response: 96801653
Conc: 477.50 ng/ml



#31 AR-1260-1

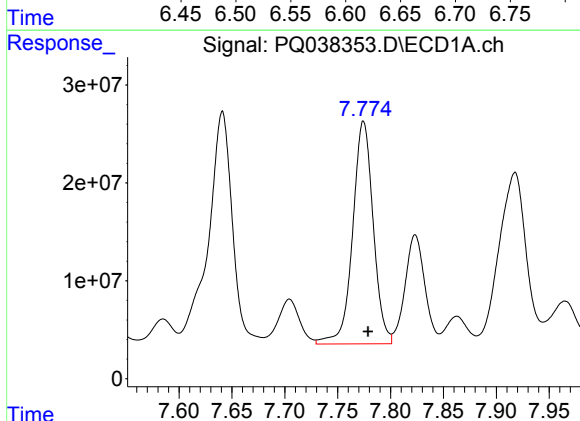
R.T.: 7.517 min
Delta R.T.: -0.006 min
Response: 382184854
Conc: 898.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



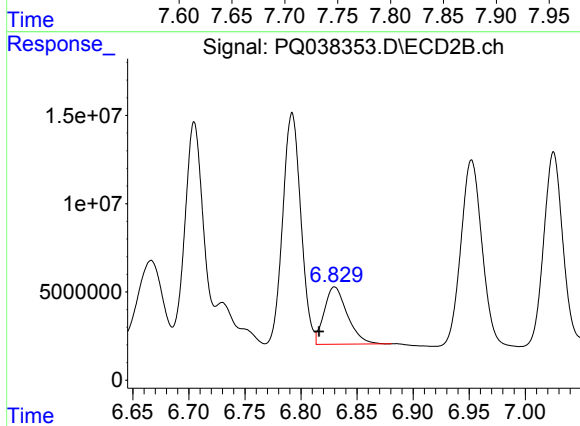
#31 AR-1260-1

R.T.: 6.609 min
Delta R.T.: -0.023 min
Response: 136538659
Conc: 667.82 ng/ml



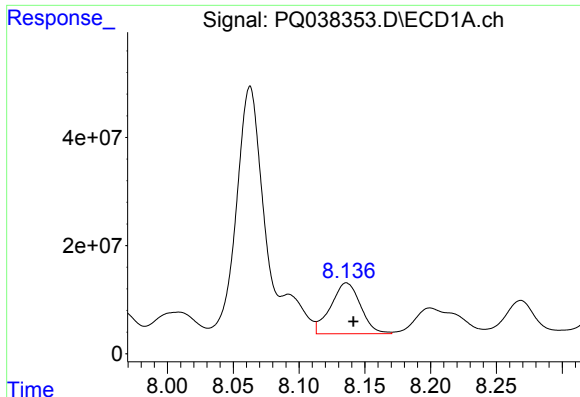
#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: -0.004 min
Response: 307955318
Conc: 599.89 ng/ml



#32 AR-1260-2

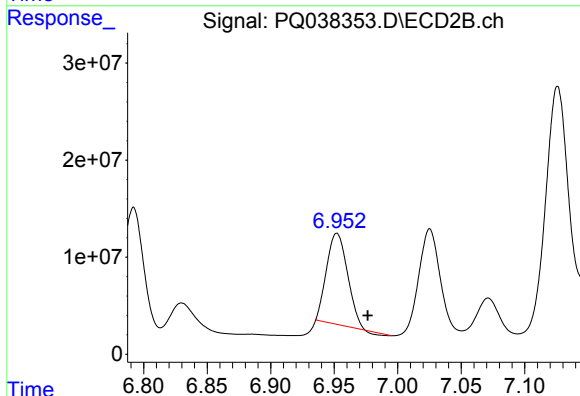
R.T.: 6.830 min
Delta R.T.: 0.014 min
Response: 45523734
Conc: 177.72 ng/ml



#33 AR-1260-3

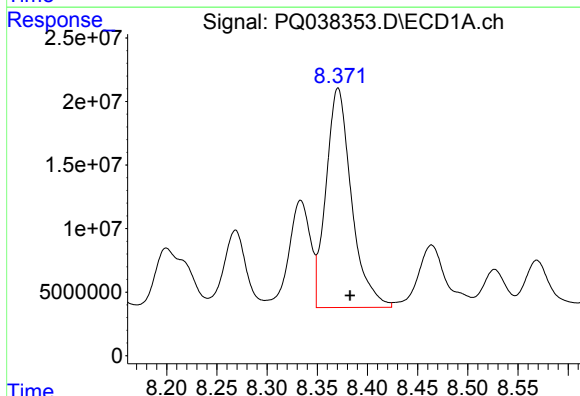
R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 148750516
Conc: 384.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



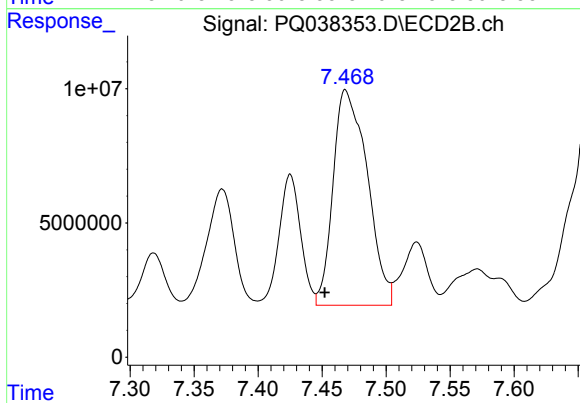
#33 AR-1260-3

R.T.: 6.952 min
Delta R.T.: -0.024 min
Response: 106502758
Conc: 445.20 ng/ml



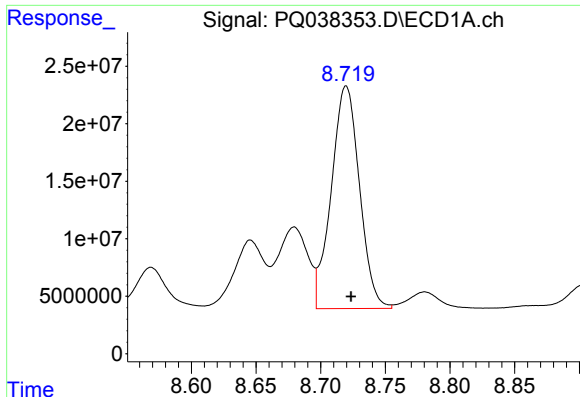
#34 AR-1260-4

R.T.: 8.371 min
Delta R.T.: -0.012 min
Response: 305065339
Conc: 668.80 ng/ml



#34 AR-1260-4

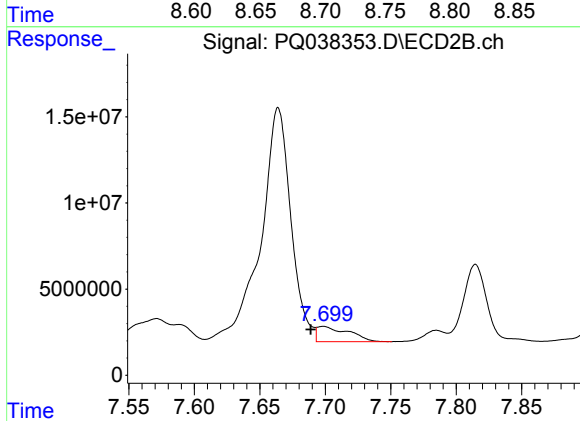
R.T.: 7.468 min
Delta R.T.: 0.016 min
Response: 148577001
Conc: 750.63 ng/ml



#35 AR-1260-5

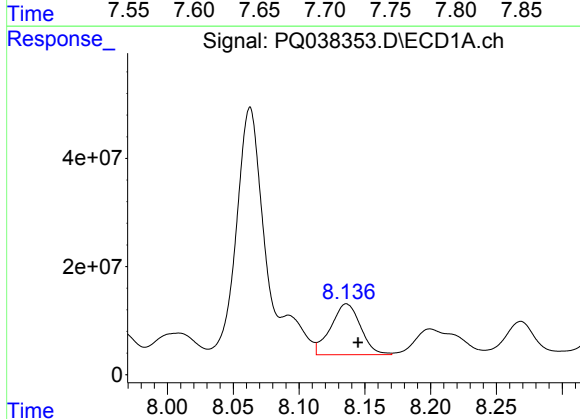
R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 294037795
Conc: 310.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



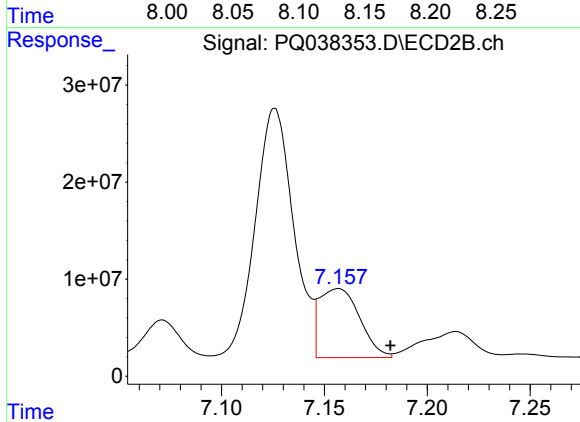
#35 AR-1260-5

R.T.: 7.699 min
Delta R.T.: 0.010 min
Response: 14694549
Conc: 29.89 ng/ml



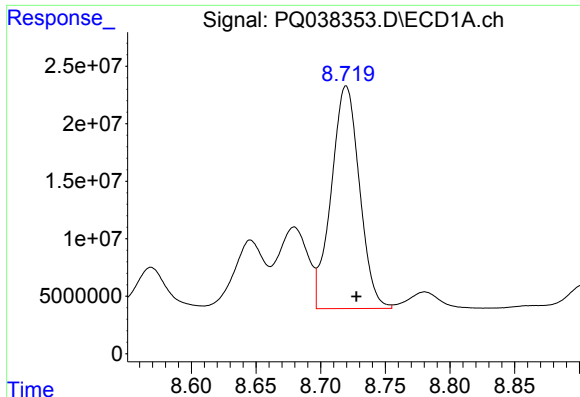
#36 AR-1262-1

R.T.: 8.136 min
Delta R.T.: -0.009 min
Response: 148750516
Conc: 375.26 ng/ml



#36 AR-1262-1

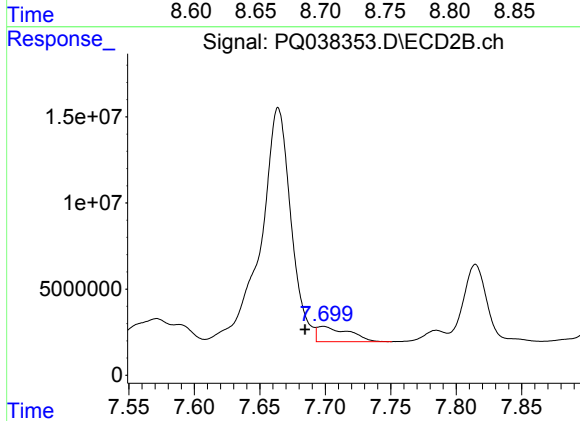
R.T.: 7.157 min
Delta R.T.: -0.025 min
Response: 96801653
Conc: 449.56 ng/ml



#37 AR-1262-2

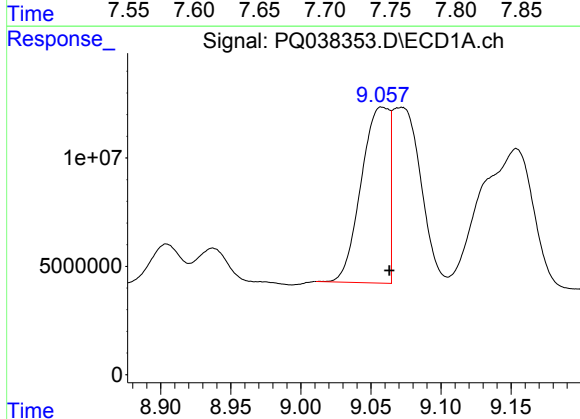
R.T.: 8.720 min
Delta R.T.: -0.008 min
Response: 294037795
Conc: 412.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



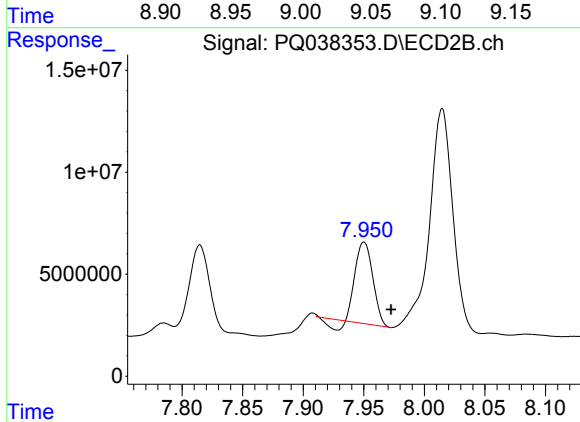
#37 AR-1262-2

R.T.: 7.699 min
Delta R.T.: 0.014 min
Response: 14694549
Conc: 37.72 ng/ml



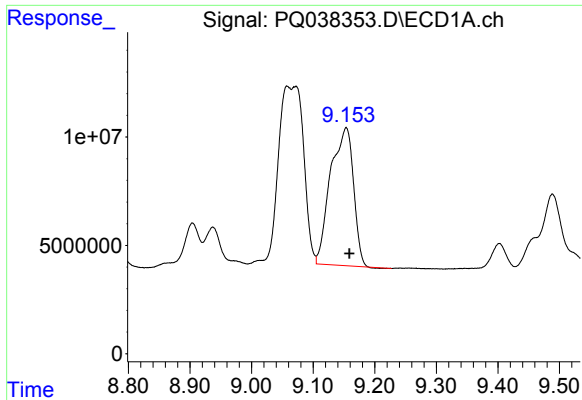
#38 AR-1262-3

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 112743293
Conc: 235.54 ng/ml



#38 AR-1262-3

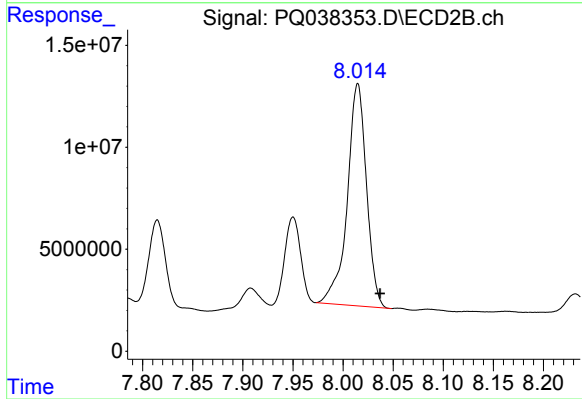
R.T.: 7.950 min
Delta R.T.: -0.022 min
Response: 37902759
Conc: 254.58 ng/ml



#39 AR-1262-4

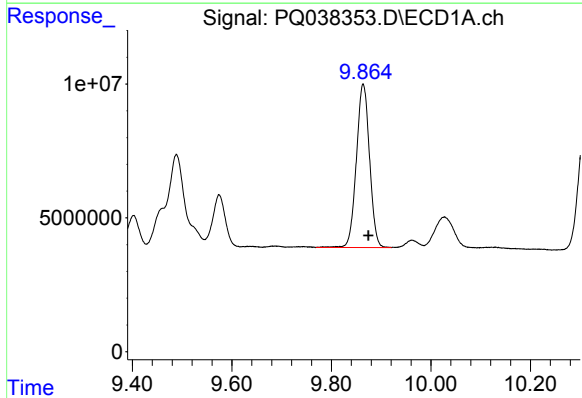
R.T.: 9.154 min
Delta R.T.: -0.005 min
Response: 164799914
Conc: 435.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



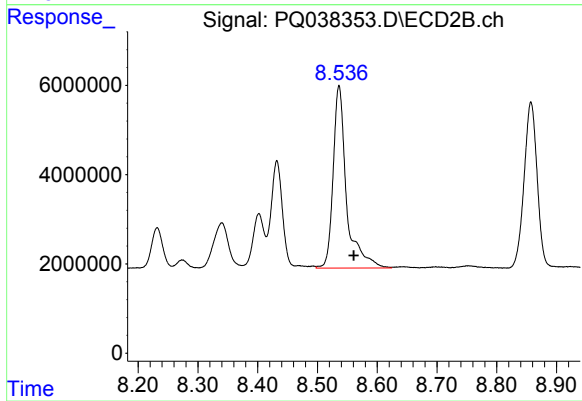
#39 AR-1262-4

R.T.: 8.015 min
Delta R.T.: -0.022 min
Response: 145614946
Conc: 510.86 ng/ml



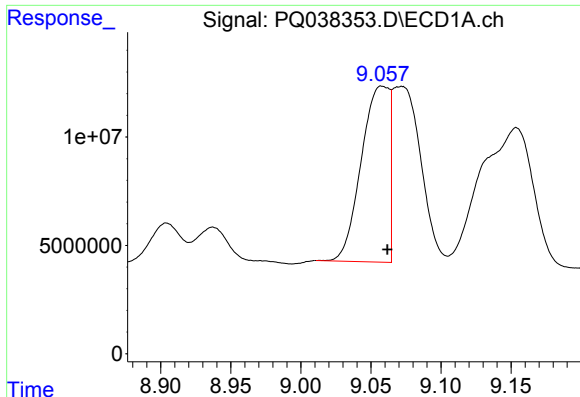
#40 AR-1262-5

R.T.: 9.864 min
Delta R.T.: -0.010 min
Response: 112156151
Conc: 456.35 ng/ml



#40 AR-1262-5

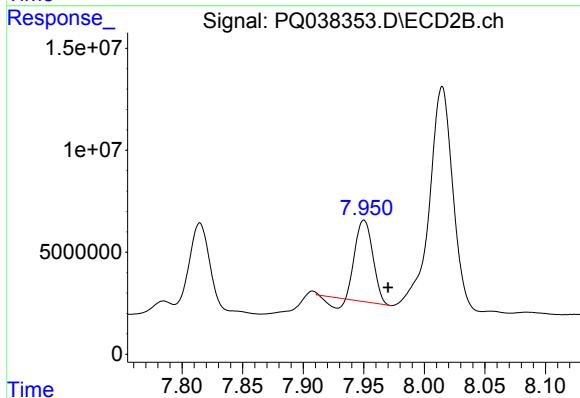
R.T.: 8.536 min
Delta R.T.: -0.024 min
Response: 63547052
Conc: 537.65 ng/ml



#41 AR-1268-1

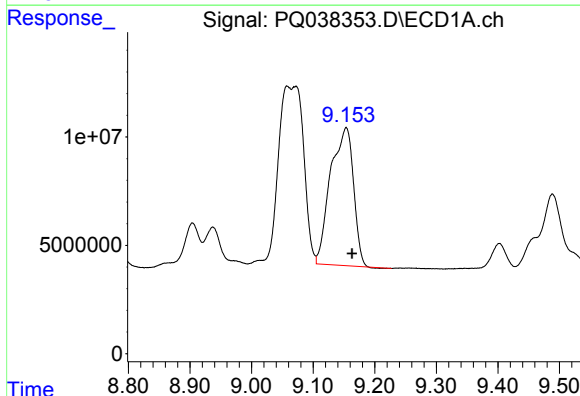
R.T.: 9.058 min
Delta R.T.: -0.004 min
Response: 112743293
Conc: 71.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



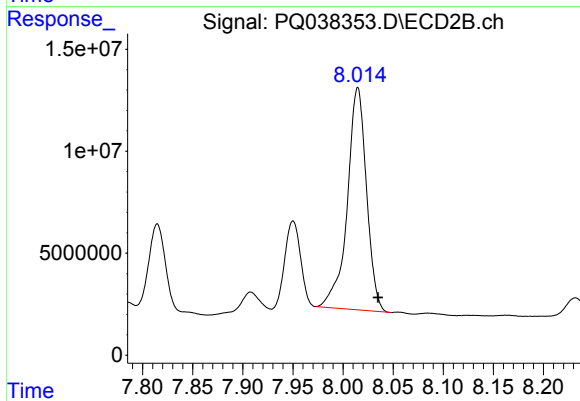
#41 AR-1268-1

R.T.: 7.950 min
Delta R.T.: -0.020 min
Response: 37902759
Conc: 47.33 ng/ml



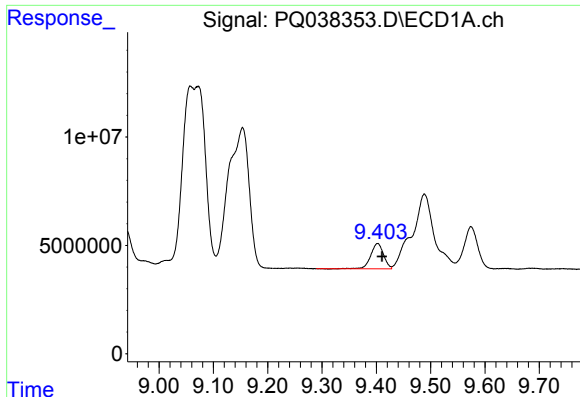
#42 AR-1268-2

R.T.: 9.154 min
Delta R.T.: -0.009 min
Response: 164799914
Conc: 113.40 ng/ml



#42 AR-1268-2

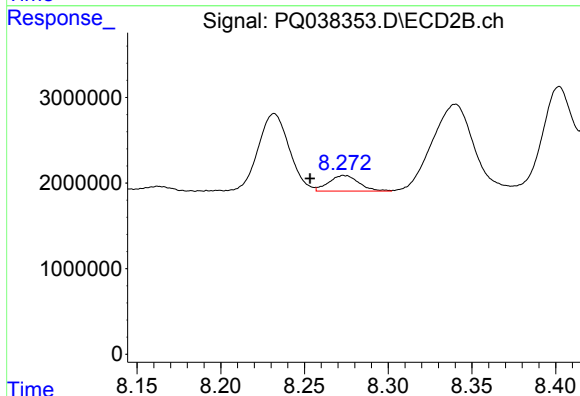
R.T.: 8.015 min
Delta R.T.: -0.020 min
Response: 145614946
Conc: 200.61 ng/ml



#43 AR-1268-3

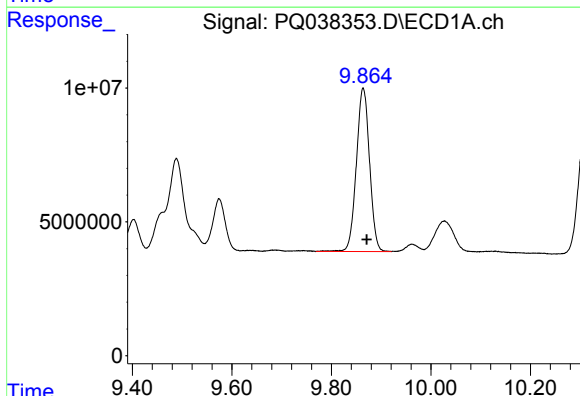
R.T.: 9.402 min
Delta R.T.: -0.008 min
Response: 19172173
Conc: 14.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



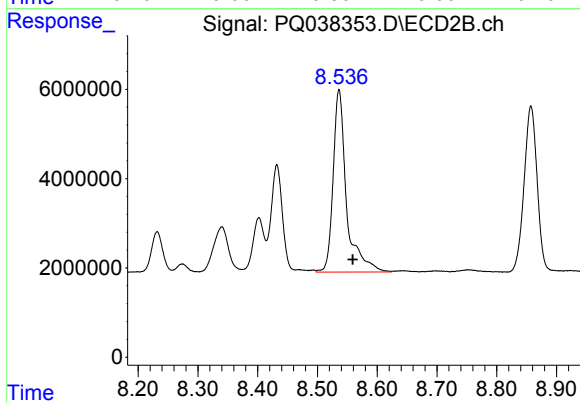
#43 AR-1268-3

R.T.: 8.274 min
Delta R.T.: 0.021 min
Response: 2270797
Conc: 3.61 ng/ml



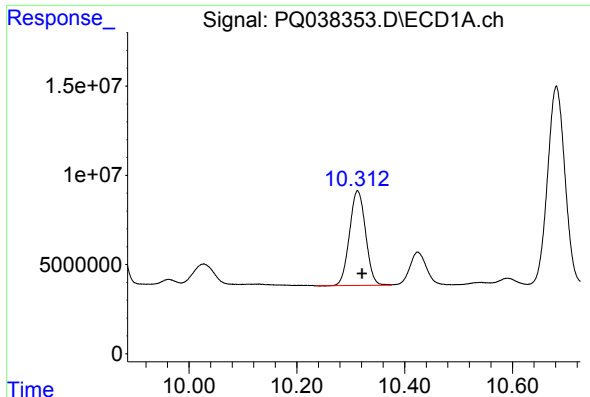
#44 AR-1268-4

R.T.: 9.864 min
Delta R.T.: -0.008 min
Response: 112156151
Conc: 234.81 ng/ml



#44 AR-1268-4

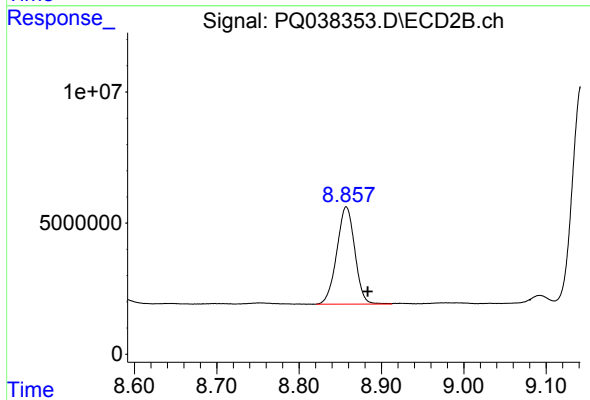
R.T.: 8.536 min
Delta R.T.: -0.023 min
Response: 63547052
Conc: 269.89 ng/ml



#45 AR-1268-5

R.T.: 10.313 min
Delta R.T.: -0.008 min
Response: 109759039
Conc: 25.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5S6



#45 AR-1268-5

R.T.: 8.857 min
Delta R.T.: -0.026 min
Response: 56360438
Conc: 29.27 ng/ml