

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032619\
 Data File : PQ038377.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2019 19:00
 Operator : SM\SJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254387

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 00:55:09 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...	4.727	4.003	92804466	41986340	22.517	24.877
2)	SA Decachlor...	10.686	9.145	246.6E6	108.7E6	45.336	45.930
Target Compounds							
3)	L1 AR-1016-1	5.908	5.131	4965085	1612237	20.792	15.090 #
4)	L1 AR-1016-2	5.936	5.162	4656777	1207947	12.828	7.798 #
5)	L1 AR-1016-3	5.995	5.348	2368419	26101363	10.640	325.519 #
6)	L1 AR-1016-4	0.000	5.390	0	9163987	N.D.	144.326 #
7)	L1 AR-1016-5	6.390	5.609	27665186	2976087	149.878	33.978 #
9)	L2 AR-1221-2	0.000	4.312	0	1837922	N.D.	110.402 #
10)	L2 AR-1221-3	0.000	4.395	0	829915	N.D.	14.589 #
11)	L3 AR-1232-1	0.000	4.395	0	829915	N.D.	20.299 #
12)	L3 AR-1232-2	0.000	5.162	0	1207947	N.D.	27.066 #
13)	L3 AR-1232-3	5.936	5.348	4656777	26101363	43.878	1084.801 #
14)	L3 AR-1232-4	0.000	5.425	0	3090758	N.D.	136.846 #
15)	L3 AR-1232-5	6.182	5.567	43745700	19335324	1075.247	798.835 #
16)	L4 AR-1242-1	5.908	5.131	4965085	1612237	32.439	22.896 #
17)	L4 AR-1242-2	5.936	5.162	4656777	1207947	20.382	11.989 #
18)	L4 AR-1242-3	5.995	5.348	2368419	26101363	16.501	487.566 #
19)	L4 AR-1242-4	0.000	5.425	0	3090758	N.D.	56.941 #
20)	L4 AR-1242-5	6.838	5.922	24665874	66111018	185.696	899.364 #
21)	L5 AR-1248-1	5.908	5.131	4965085	1612237	46.148	32.129 #
22)	L5 AR-1248-2	6.182	5.348	43745700	26101363	268.346	366.288 #
23)	L5 AR-1248-3	6.390	5.425	27665186	3090758	151.268	42.193 #
24)	L5 AR-1248-4	6.795	5.567	39124856	19335324	186.612	213.834
25)	L5 AR-1248-5	6.838	5.963	24665874	7736816	122.382	86.234 #
26)	L6 AR-1254-1	6.769	5.922	85706606	66111018	356.912	411.188
27)	L6 AR-1254-2	6.987	6.121	133.5E6	-3874105	353.961	N.D. #
28)	L6 AR-1254-3	7.358	6.478	143.0E6	98430144	352.151	409.387
29)	L6 AR-1254-4	7.644	6.704	104.0E6	67644061	369.376	436.497
30)	L6 AR-1254-5	8.067	7.126	119.1E6	80059882	368.841	394.919
31)	L7 AR-1260-1	7.522	6.607	54007443	45168374	126.938	220.923 #
32)	L7 AR-1260-2	7.777	6.792	62009250	35703371	120.793	139.380
33)	L7 AR-1260-3	8.131	6.952	15673080	27430977	40.517	114.667 #
34)	L7 AR-1260-4	8.372	7.468	45004735	18843381	98.665	95.199
35)	L7 AR-1260-5	8.723	7.700	15175395	2880754	16.026	5.859 #
36)	L8 AR-1262-1	8.131	7.199	15673080	8218240	39.539	38.166
37)	L8 AR-1262-2	8.723	7.700	15175395	2880754	21.275	7.394 #
38)	L8 AR-1262-3	9.080	7.953	12180610	290546	25.448	1.951 #
39)	L8 AR-1262-4	9.133	8.016	2706633	7921364	7.152	27.790 #
40)	L8 AR-1262-5	0.000	8.537	0	396843	N.D.	3.358 #
41)	L9 AR-1268-1	9.080	7.953	12180610	290546	7.682	0.363 #
42)	L9 AR-1268-2	9.133	8.016	2706633	7921364	1.862	10.913 #

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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	9.405	8.233	2443499	1286166	1.895	2.044
44) L9	AR-1268-4	0.000	8.537	0	396843	N.D.	1.685 #
45) L9	AR-1268-5	10.318	8.860	2856356	1237584	0.663	0.643

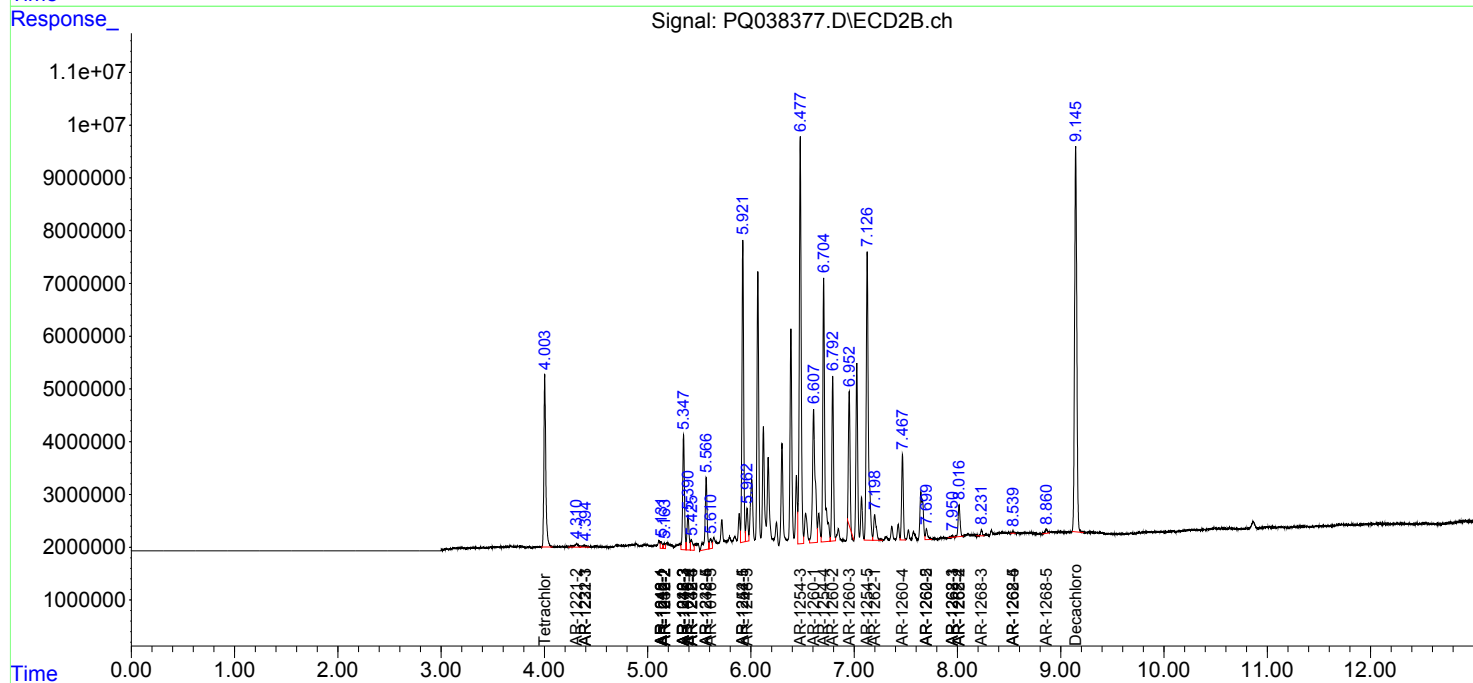
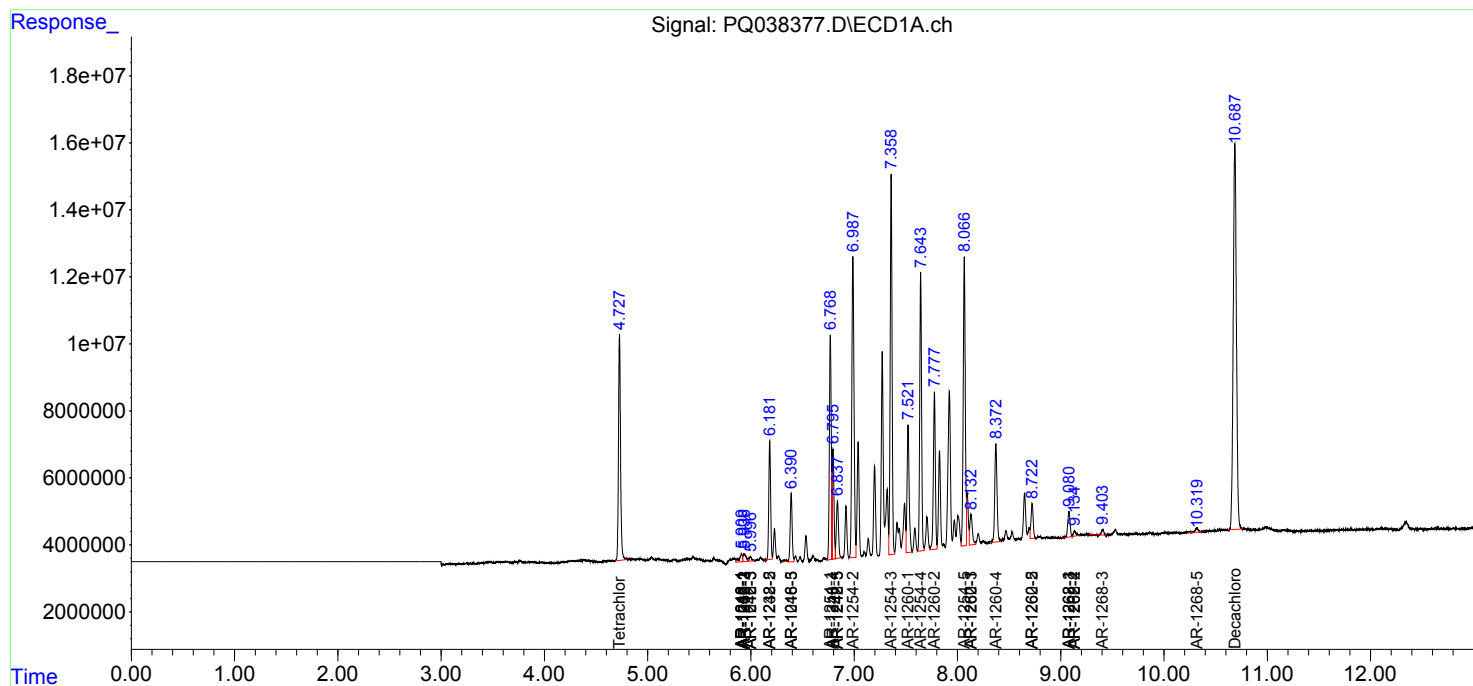
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

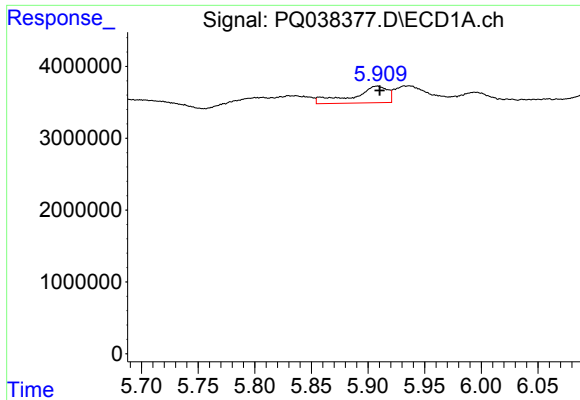
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Quant Time: Mar 27 00:55:09 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

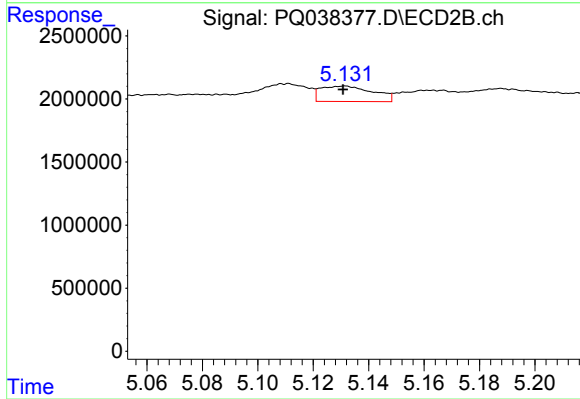




#3 AR-1016-1

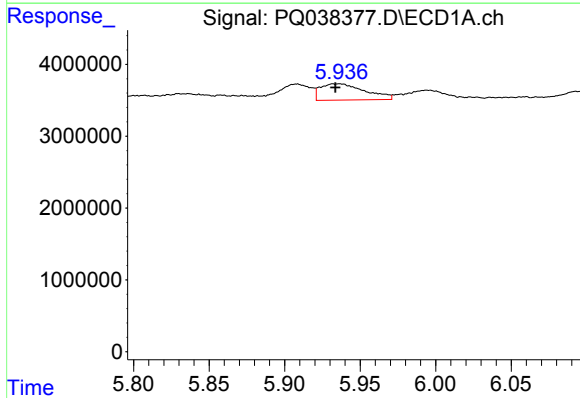
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 4965085
Conc: 20.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



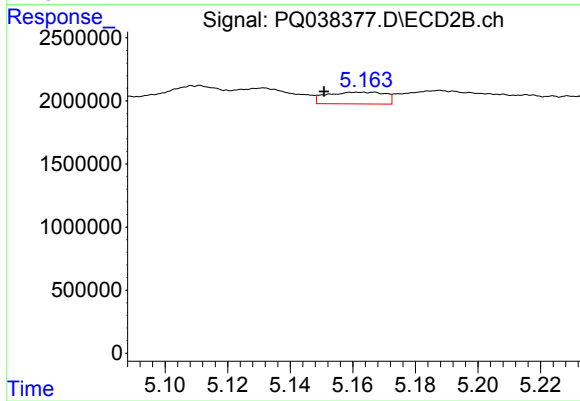
#3 AR-1016-1

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 1612237
Conc: 15.09 ng/ml



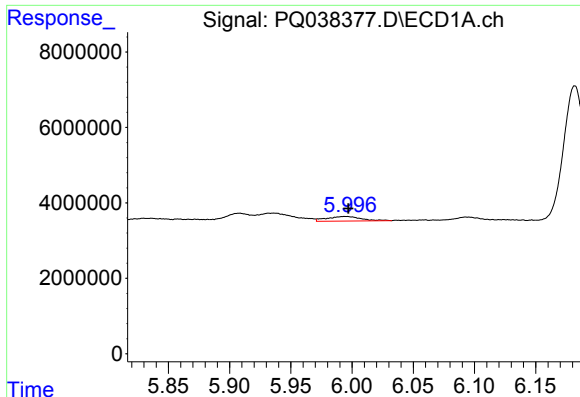
#4 AR-1016-2

R.T.: 5.936 min
Delta R.T.: 0.003 min
Response: 4656777
Conc: 12.83 ng/ml



#4 AR-1016-2

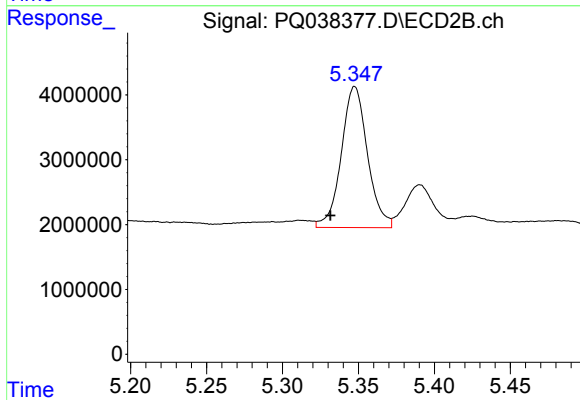
R.T.: 5.162 min
Delta R.T.: 0.011 min
Response: 1207947
Conc: 7.80 ng/ml



#5 AR-1016-3

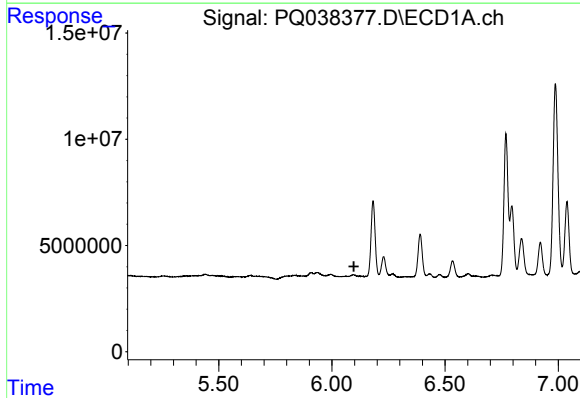
R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 2368419
Conc: 10.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



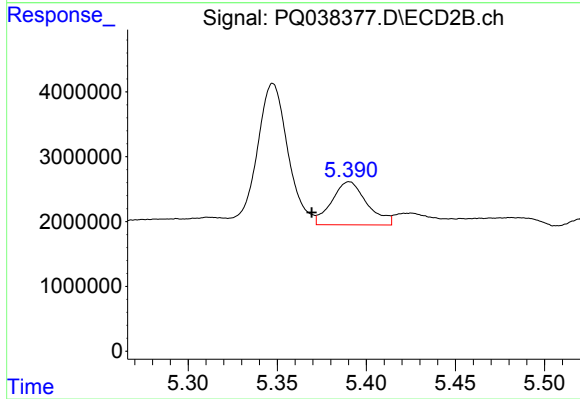
#5 AR-1016-3

R.T.: 5.348 min
Delta R.T.: 0.016 min
Response: 26101363
Conc: 325.52 ng/ml



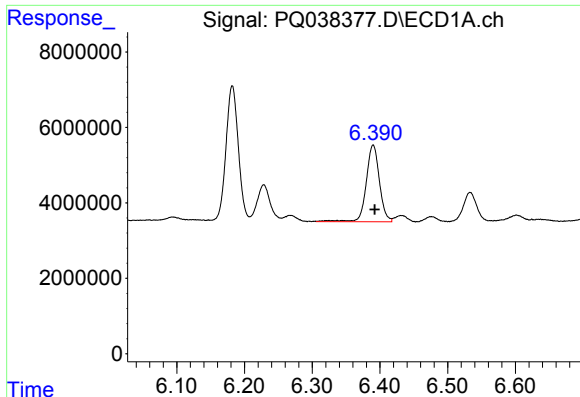
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#6 AR-1016-4

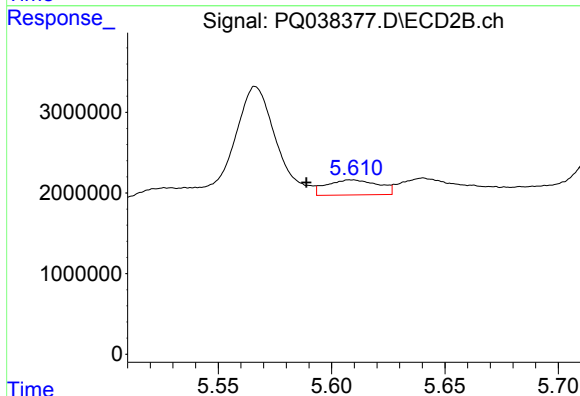
R.T.: 5.390 min
Delta R.T.: 0.021 min
Response: 9163987
Conc: 144.33 ng/ml



#7 AR-1016-5

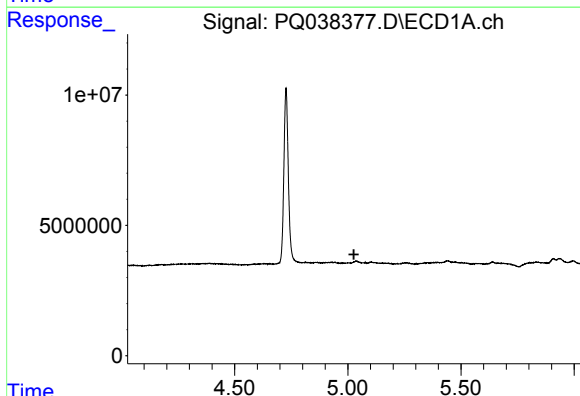
R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 27665186
Conc: 149.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



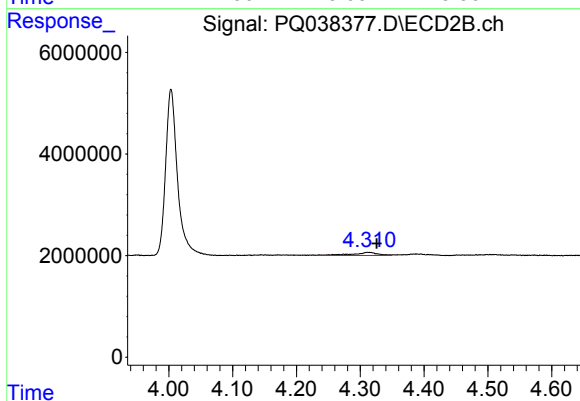
#7 AR-1016-5

R.T.: 5.609 min
Delta R.T.: 0.020 min
Response: 2976087
Conc: 33.98 ng/ml



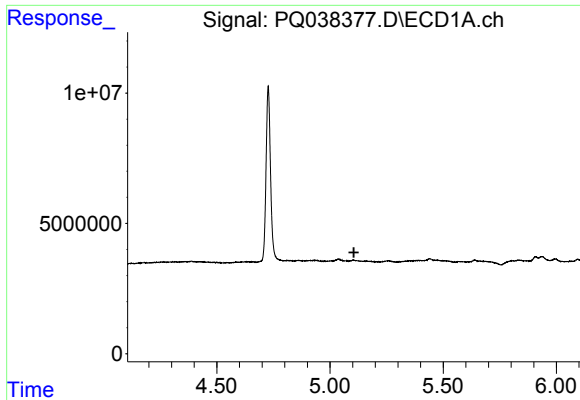
#9 AR-1221-2

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



#9 AR-1221-2

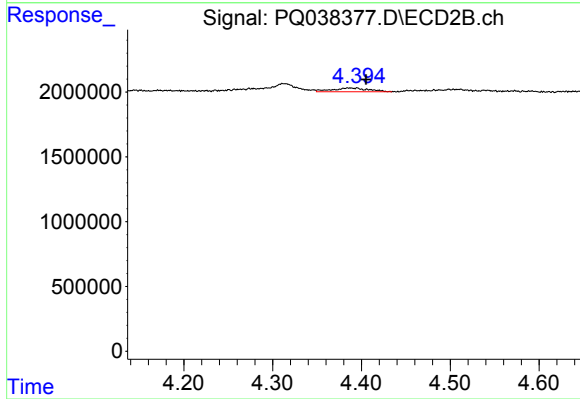
R.T.: 4.312 min
Delta R.T.: -0.014 min
Response: 1837922
Conc: 110.40 ng/ml



#10 AR-1221-3

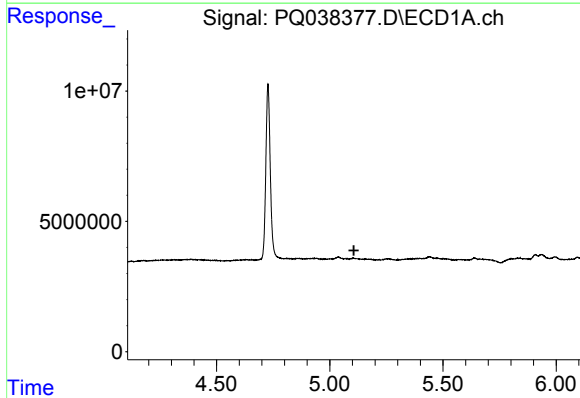
R.T.: 0.000 min
Exp R.T.: 5.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254387



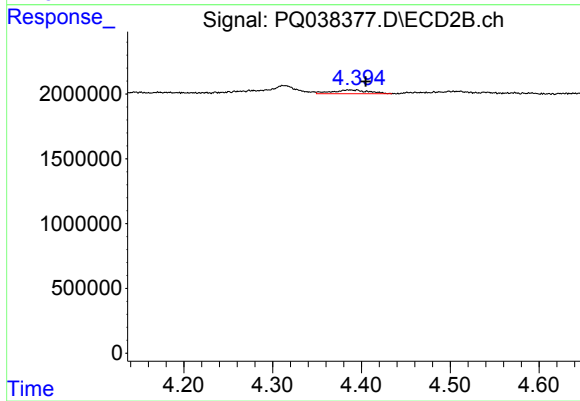
#10 AR-1221-3

R.T.: 4.395 min
Delta R.T.: -0.010 min
Response: 829915
Conc: 14.59 ng/ml



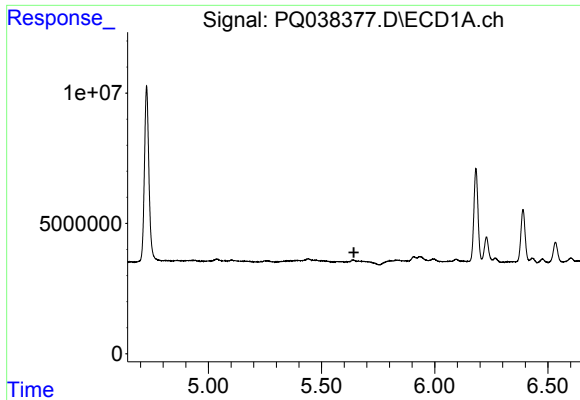
#11 AR-1232-1

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



#11 AR-1232-1

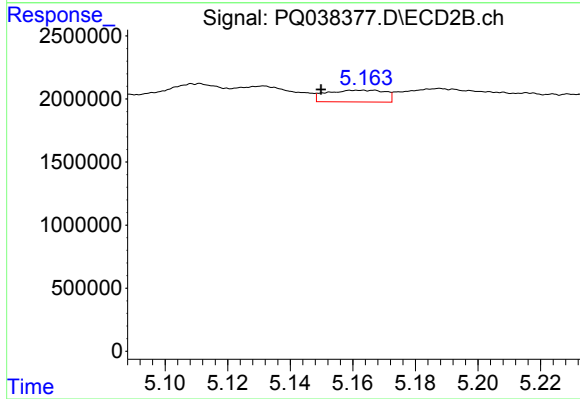
R.T.: 4.395 min
Delta R.T.: -0.010 min
Response: 829915
Conc: 20.30 ng/ml



#12 AR-1232-2

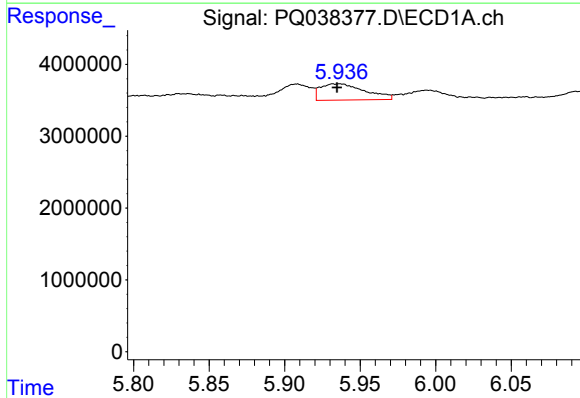
R.T.: 0.000 min
Exp R.T.: 5.643 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254387



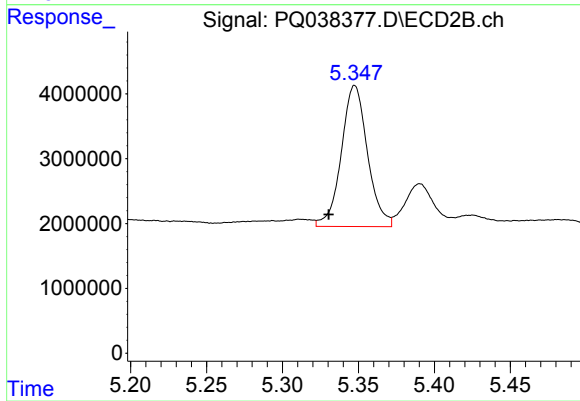
#12 AR-1232-2

R.T.: 5.162 min
Delta R.T.: 0.012 min
Response: 1207947
Conc: 27.07 ng/ml



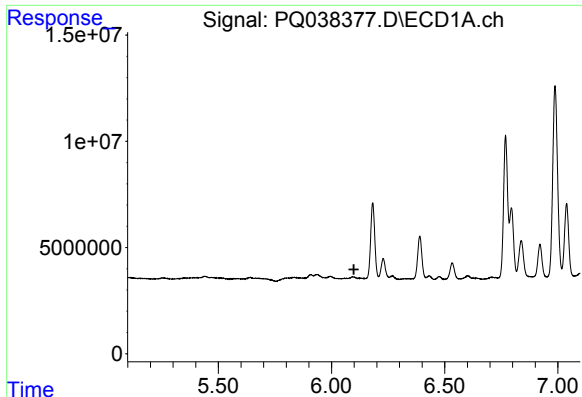
#13 AR-1232-3

R.T.: 5.936 min
Delta R.T.: 0.002 min
Response: 4656777
Conc: 43.88 ng/ml



#13 AR-1232-3

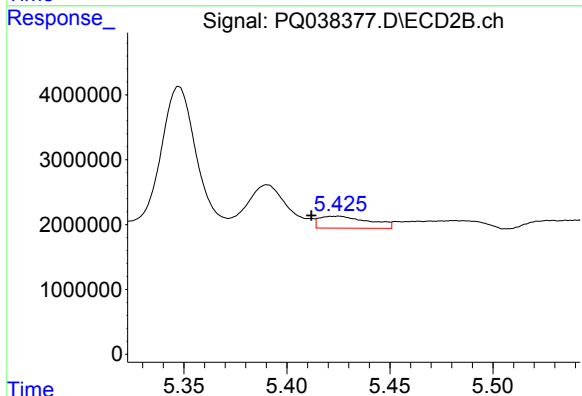
R.T.: 5.348 min
Delta R.T.: 0.017 min
Response: 26101363
Conc: 1084.80 ng/ml



#14 AR-1232-4

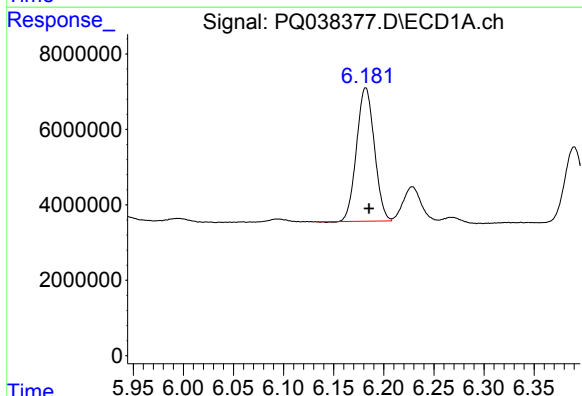
R.T.: 0.000 min
Exp R.T.: 6.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254387



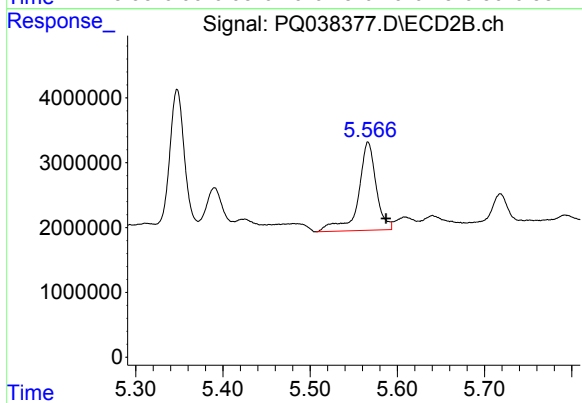
#14 AR-1232-4

R.T.: 5.425 min
Delta R.T.: 0.013 min
Response: 3090758
Conc: 136.85 ng/ml



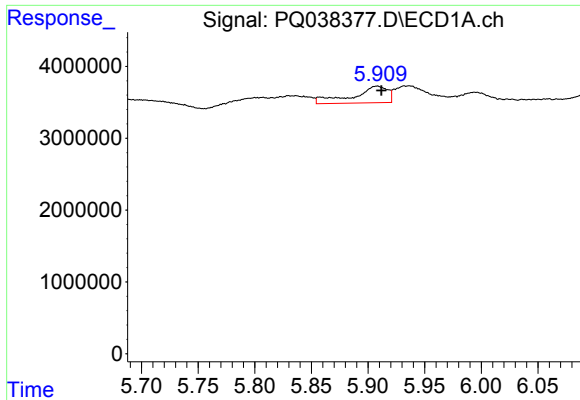
#15 AR-1232-5

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 43745700
Conc: 1075.25 ng/ml



#15 AR-1232-5

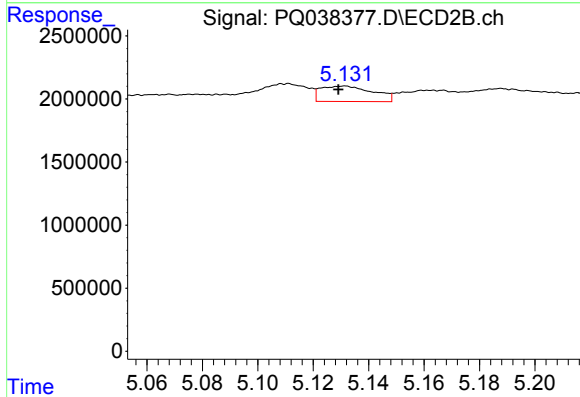
R.T.: 5.567 min
Delta R.T.: -0.021 min
Response: 19335324
Conc: 798.83 ng/ml



#16 AR-1242-1

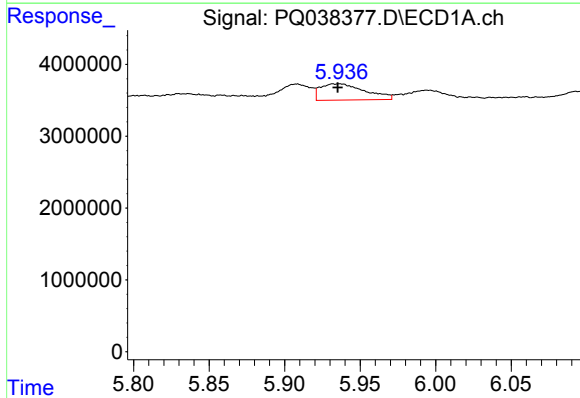
R.T.: 5.908 min
Delta R.T.: -0.004 min
Response: 4965085
Conc: 32.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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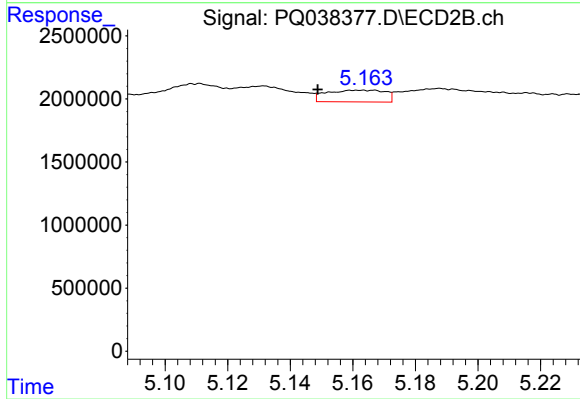
#16 AR-1242-1

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 1612237
Conc: 22.90 ng/ml



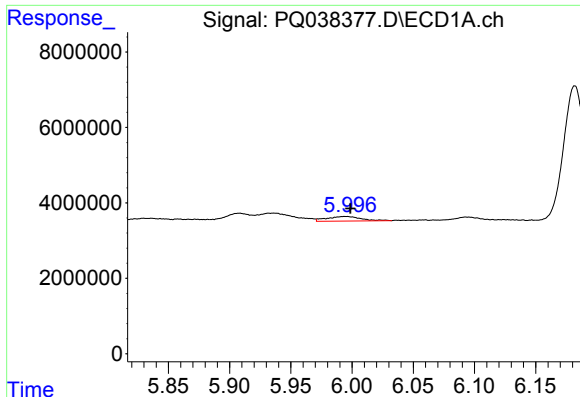
#17 AR-1242-2

R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 4656777
Conc: 20.38 ng/ml



#17 AR-1242-2

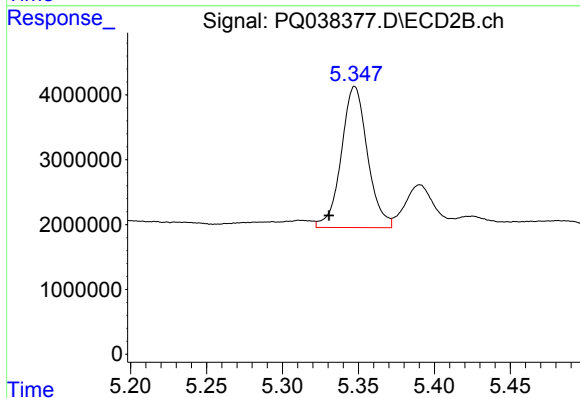
R.T.: 5.162 min
Delta R.T.: 0.013 min
Response: 1207947
Conc: 11.99 ng/ml



#18 AR-1242-3

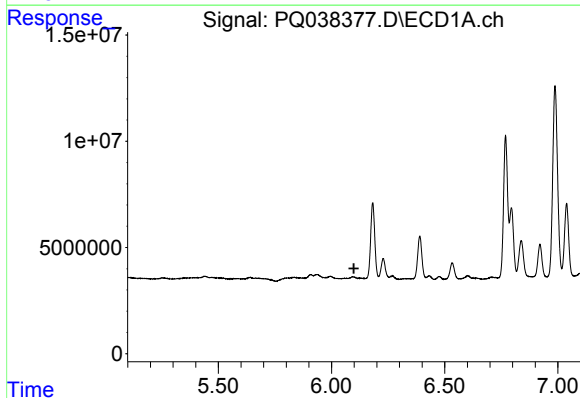
R.T.: 5.995 min
Delta R.T.: -0.004 min
Response: 2368419
Conc: 16.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



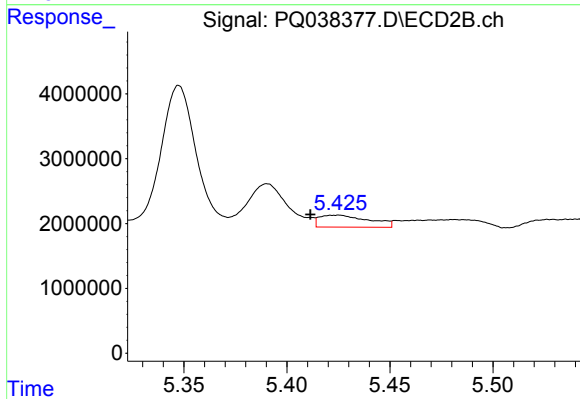
#18 AR-1242-3

R.T.: 5.348 min
Delta R.T.: 0.017 min
Response: 26101363
Conc: 487.57 ng/ml



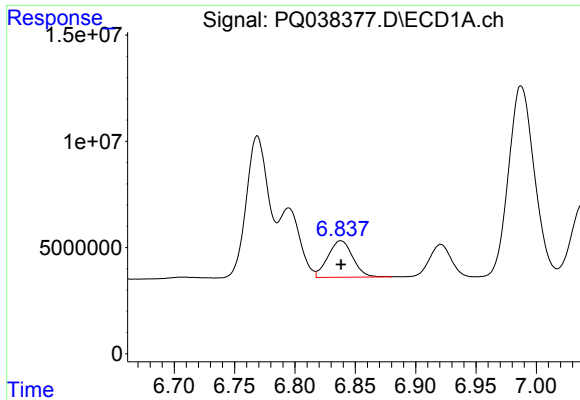
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#19 AR-1242-4

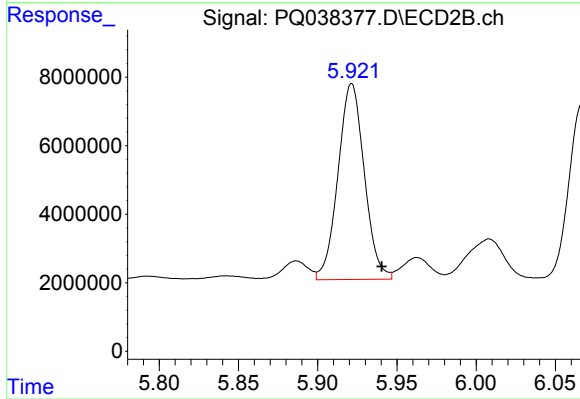
R.T.: 5.425 min
Delta R.T.: 0.013 min
Response: 3090758
Conc: 56.94 ng/ml



#20 AR-1242-5

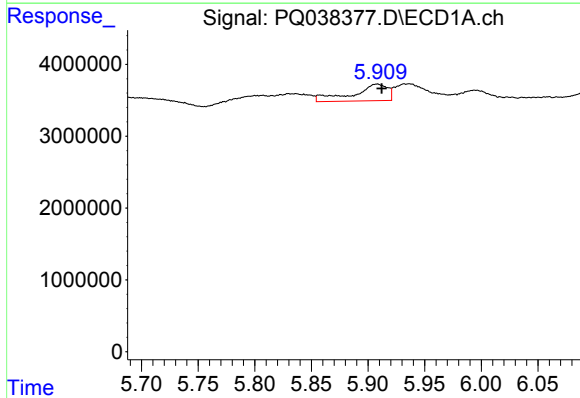
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 24665874
Conc: 185.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



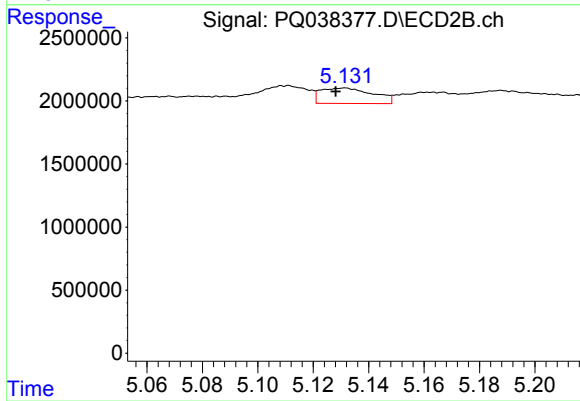
#20 AR-1242-5

R.T.: 5.922 min
Delta R.T.: -0.019 min
Response: 66111018
Conc: 899.36 ng/ml



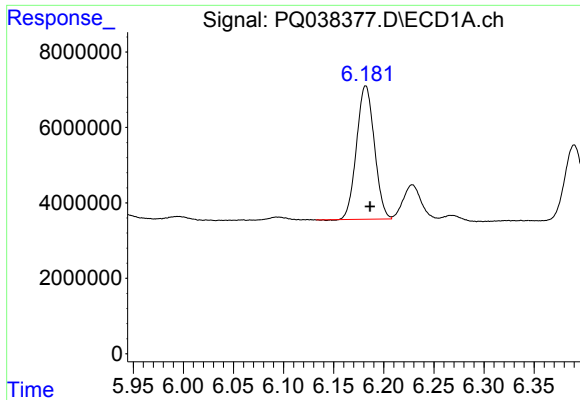
#21 AR-1248-1

R.T.: 5.908 min
Delta R.T.: -0.004 min
Response: 4965085
Conc: 46.15 ng/ml



#21 AR-1248-1

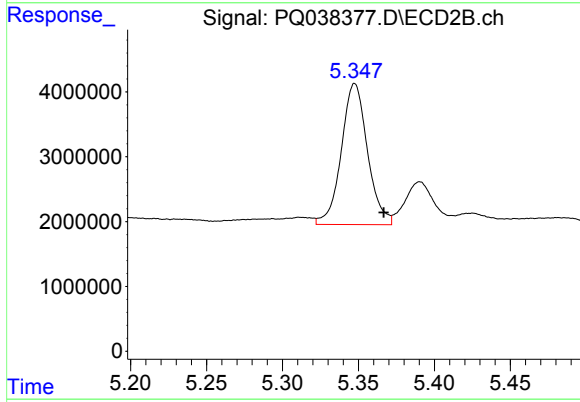
R.T.: 5.131 min
Delta R.T.: 0.003 min
Response: 1612237
Conc: 32.13 ng/ml



#22 AR-1248-2

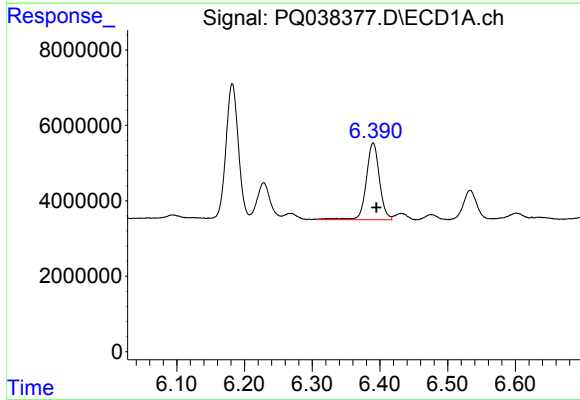
R.T.: 6.182 min
Delta R.T.: -0.004 min
Response: 43745700
Conc: 268.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



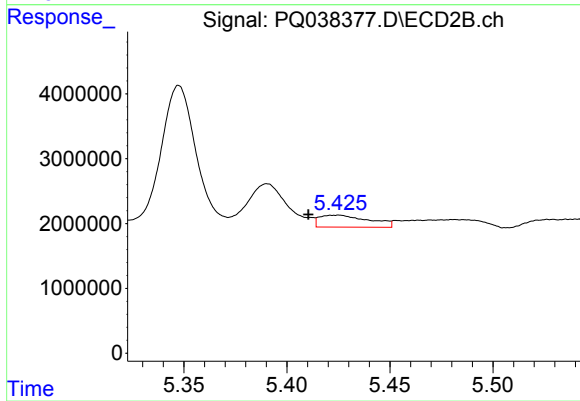
#22 AR-1248-2

R.T.: 5.348 min
Delta R.T.: -0.019 min
Response: 26101363
Conc: 366.29 ng/ml



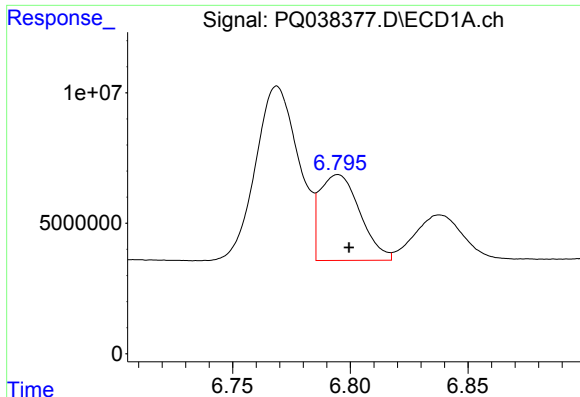
#23 AR-1248-3

R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 27665186
Conc: 151.27 ng/ml



#23 AR-1248-3

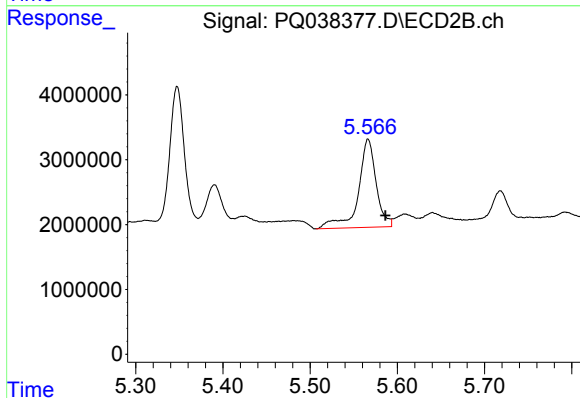
R.T.: 5.425 min
Delta R.T.: 0.014 min
Response: 3090758
Conc: 42.19 ng/ml



#24 AR-1248-4

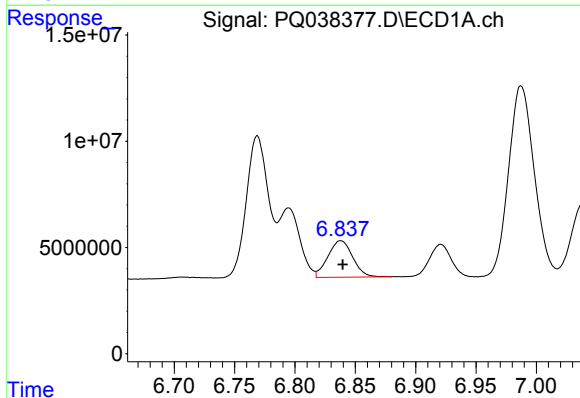
R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 39124856
Conc: 186.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



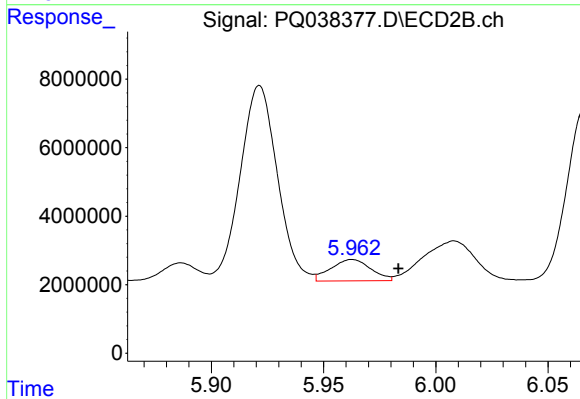
#24 AR-1248-4

R.T.: 5.567 min
Delta R.T.: -0.020 min
Response: 19335324
Conc: 213.83 ng/ml



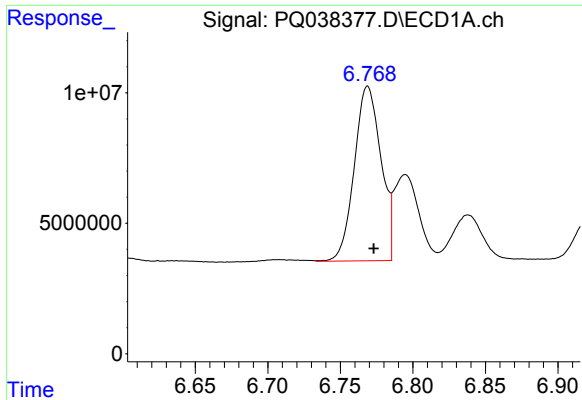
#25 AR-1248-5

R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 24665874
Conc: 122.38 ng/ml



#25 AR-1248-5

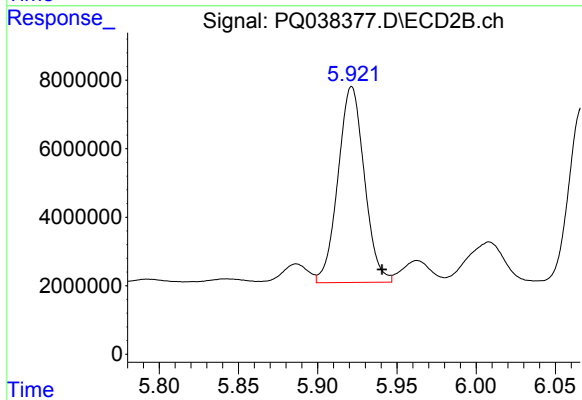
R.T.: 5.963 min
Delta R.T.: -0.021 min
Response: 7736816
Conc: 86.23 ng/ml



#26 AR-1254-1

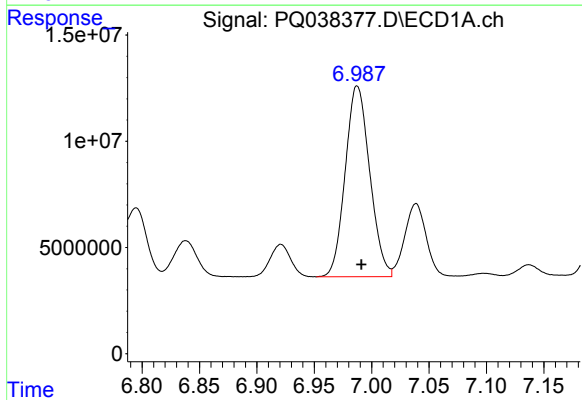
R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 85706606
Conc: 356.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



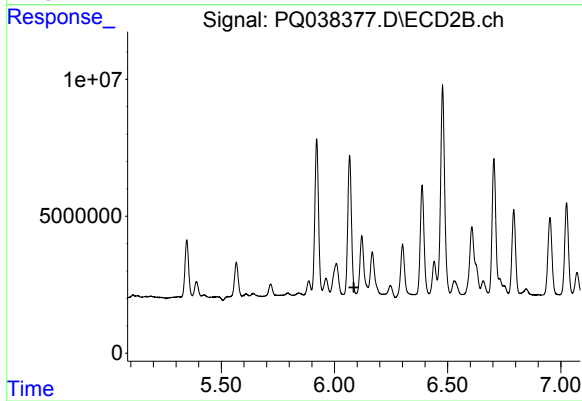
#26 AR-1254-1

R.T.: 5.922 min
Delta R.T.: -0.019 min
Response: 66111018
Conc: 411.19 ng/ml



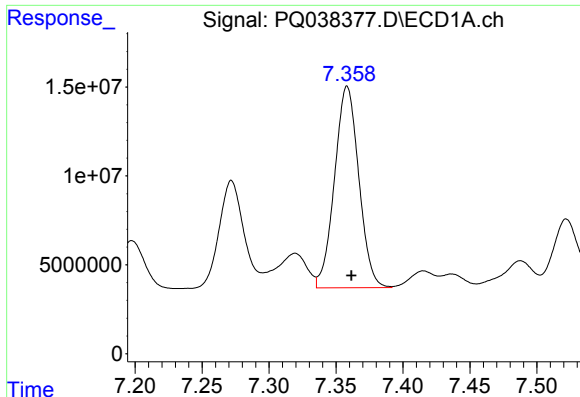
#27 AR-1254-2

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 133494858
Conc: 353.96 ng/ml



#27 AR-1254-2

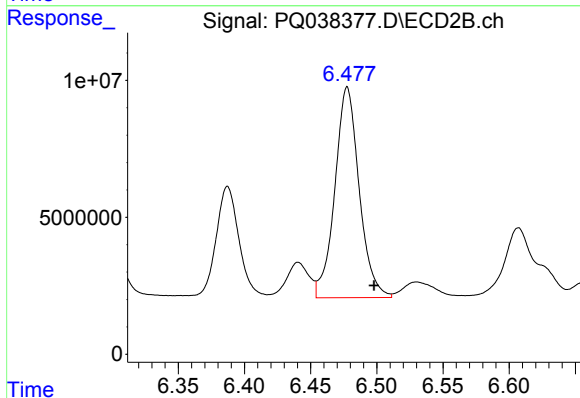
R.T.: 6.121 min
Delta R.T.: 0.035 min
Response: -3874105
Conc: N.D.



#28 AR-1254-3

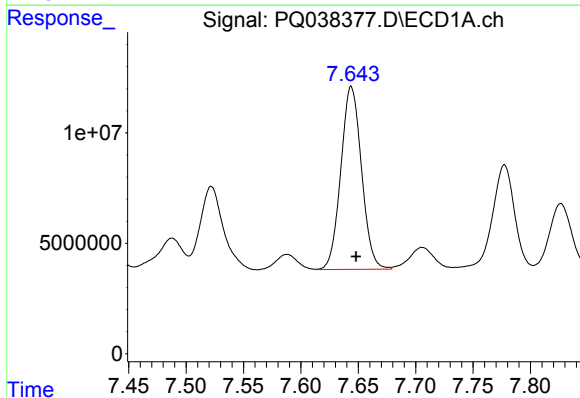
R.T.: 7.358 min
Delta R.T.: -0.003 min
Response: 142966949
Conc: 352.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



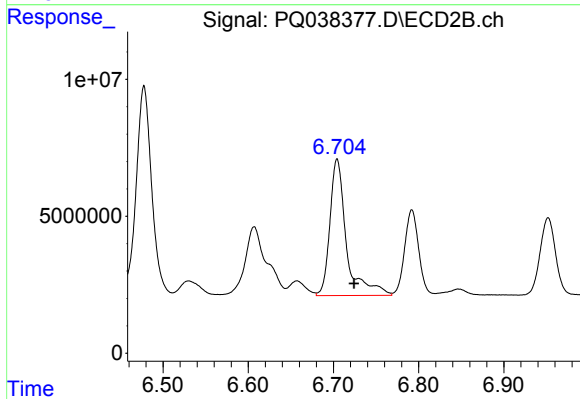
#28 AR-1254-3

R.T.: 6.478 min
Delta R.T.: -0.020 min
Response: 98430144
Conc: 409.39 ng/ml



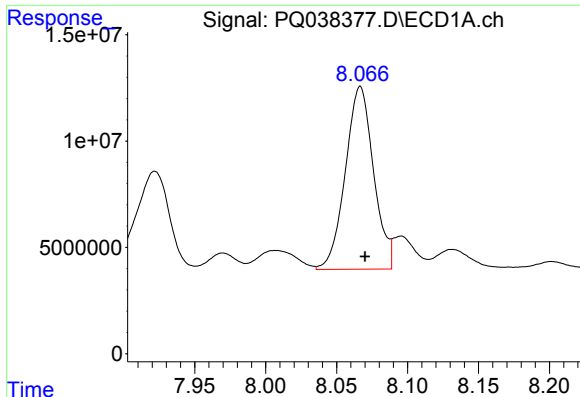
#29 AR-1254-4

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 103973733
Conc: 369.38 ng/ml



#29 AR-1254-4

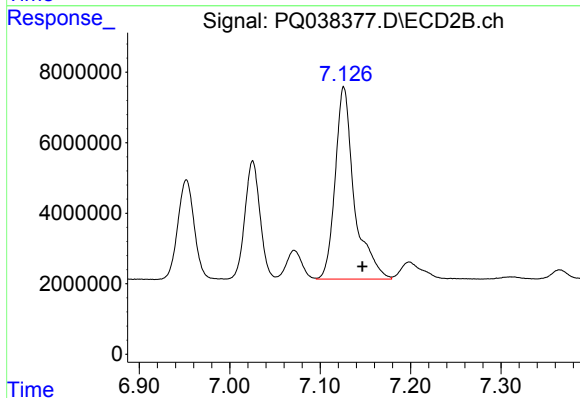
R.T.: 6.704 min
Delta R.T.: -0.020 min
Response: 67644061
Conc: 436.50 ng/ml



#30 AR-1254-5

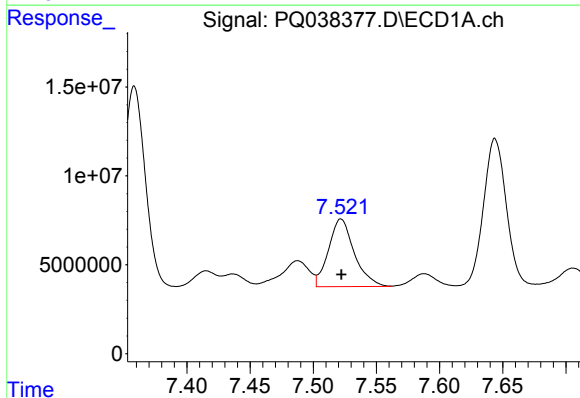
R.T.: 8.067 min
Delta R.T.: -0.003 min
Response: 119056442
Conc: 368.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



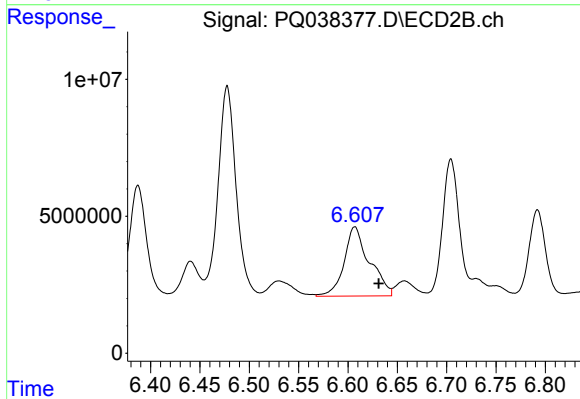
#30 AR-1254-5

R.T.: 7.126 min
Delta R.T.: -0.021 min
Response: 80059882
Conc: 394.92 ng/ml



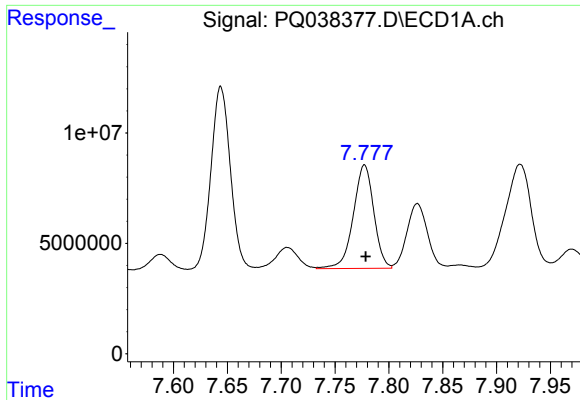
#31 AR-1260-1

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 54007443
Conc: 126.94 ng/ml



#31 AR-1260-1

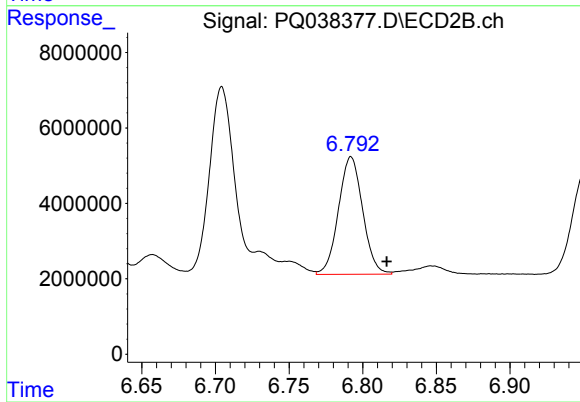
R.T.: 6.607 min
Delta R.T.: -0.024 min
Response: 45168374
Conc: 220.92 ng/ml



#32 AR-1260-2

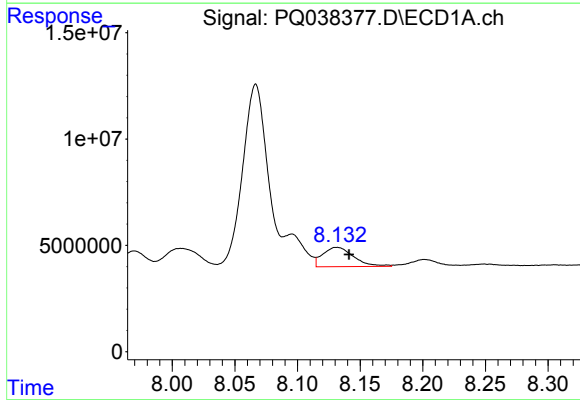
R.T.: 7.777 min
Delta R.T.: -0.001 min
Response: 62009250
Conc: 120.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



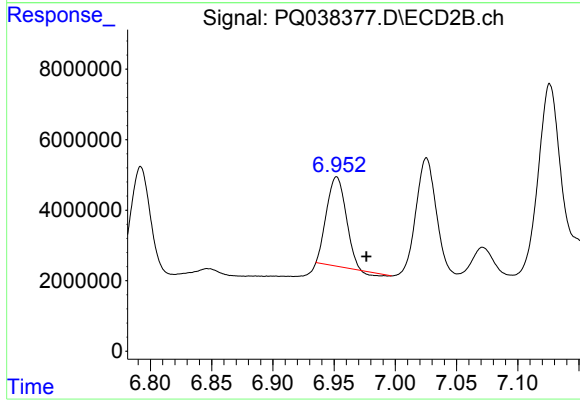
#32 AR-1260-2

R.T.: 6.792 min
Delta R.T.: -0.024 min
Response: 35703371
Conc: 139.38 ng/ml



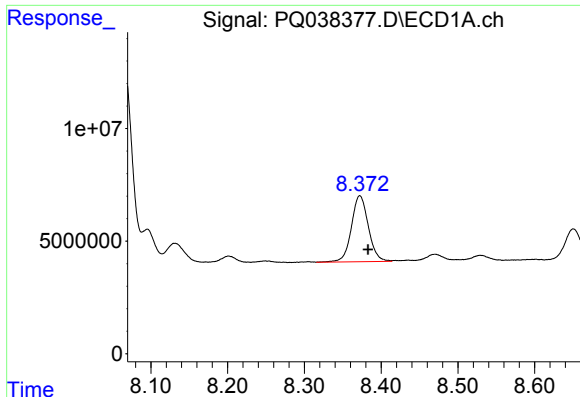
#33 AR-1260-3

R.T.: 8.131 min
Delta R.T.: -0.010 min
Response: 15673080
Conc: 40.52 ng/ml



#33 AR-1260-3

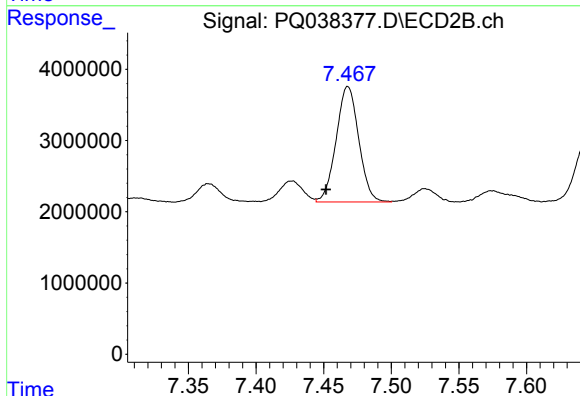
R.T.: 6.952 min
Delta R.T.: -0.024 min
Response: 27430977
Conc: 114.67 ng/ml



#34 AR-1260-4

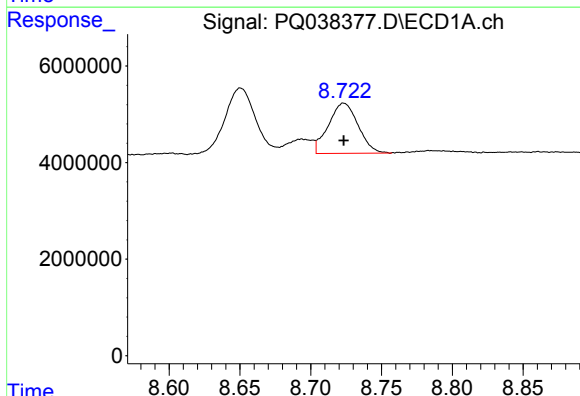
R.T.: 8.372 min
Delta R.T.: -0.010 min
Response: 45004735
Conc: 98.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



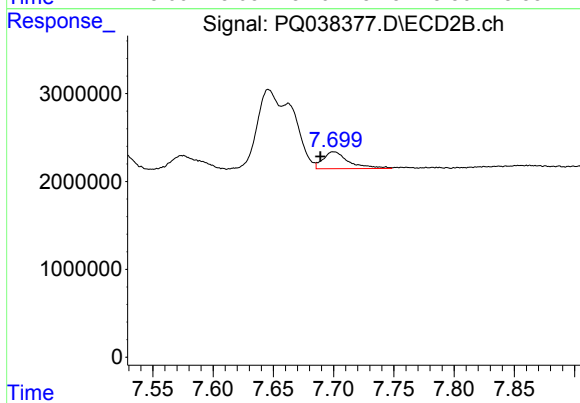
#34 AR-1260-4

R.T.: 7.468 min
Delta R.T.: 0.016 min
Response: 18843381
Conc: 95.20 ng/ml



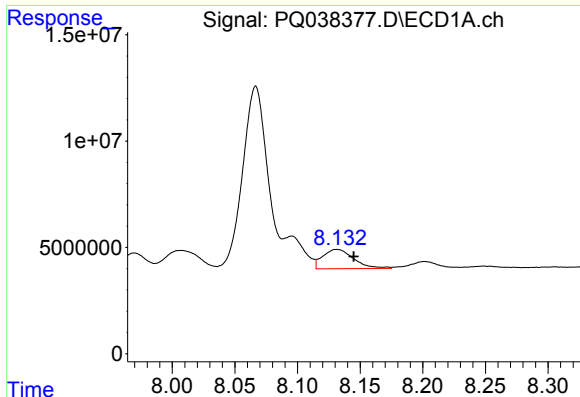
#35 AR-1260-5

R.T.: 8.723 min
Delta R.T.: 0.000 min
Response: 15175395
Conc: 16.03 ng/ml



#35 AR-1260-5

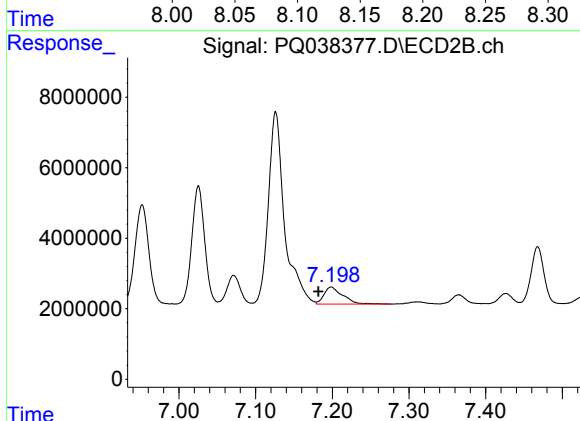
R.T.: 7.700 min
Delta R.T.: 0.011 min
Response: 2880754
Conc: 5.86 ng/ml



#36 AR-1262-1

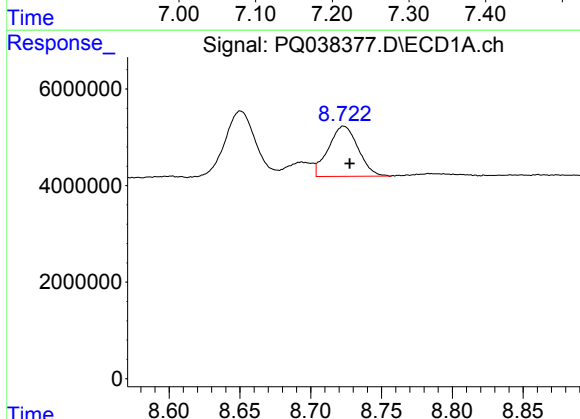
R.T.: 8.131 min
Delta R.T.: -0.014 min
Response: 15673080
Conc: 39.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



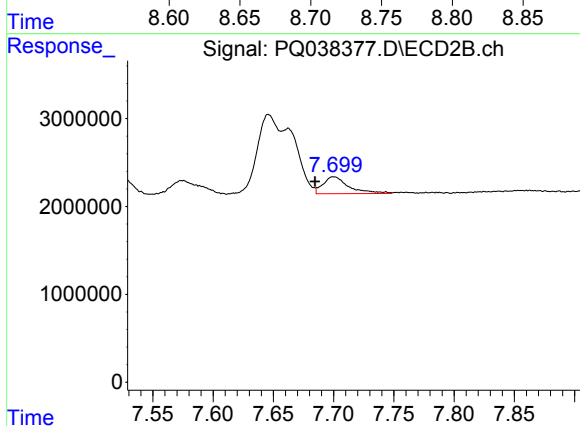
#36 AR-1262-1

R.T.: 7.199 min
Delta R.T.: 0.016 min
Response: 8218240
Conc: 38.17 ng/ml



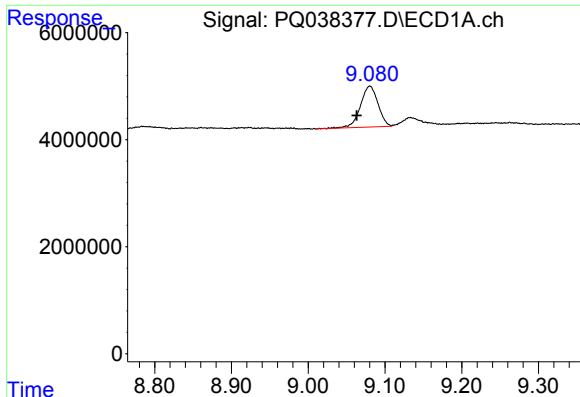
#37 AR-1262-2

R.T.: 8.723 min
Delta R.T.: -0.004 min
Response: 15175395
Conc: 21.27 ng/ml



#37 AR-1262-2

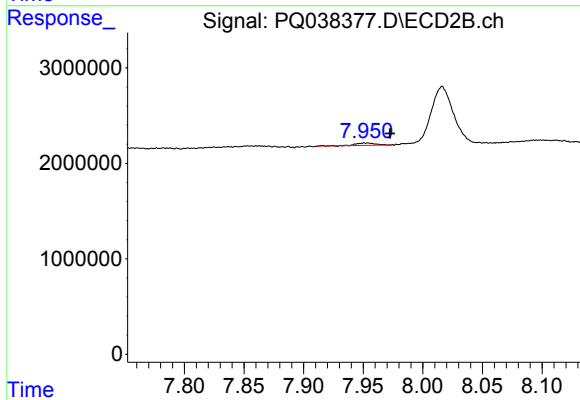
R.T.: 7.700 min
Delta R.T.: 0.016 min
Response: 2880754
Conc: 7.39 ng/ml



#38 AR-1262-3

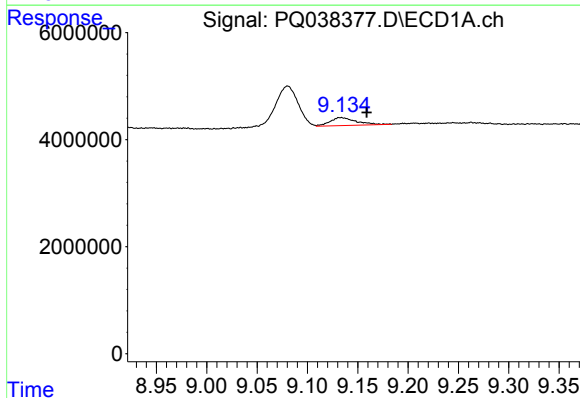
R.T.: 9.080 min
Delta R.T.: 0.017 min
Response: 12180610
Conc: 25.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



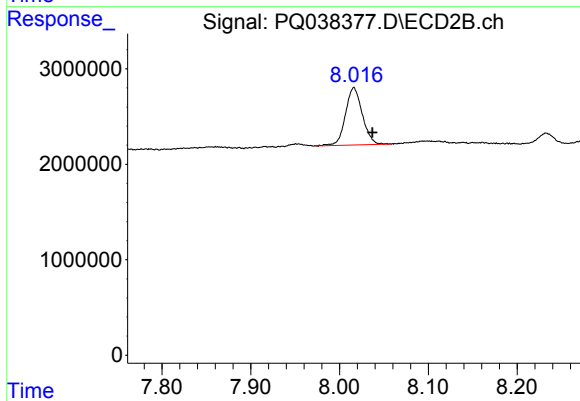
#38 AR-1262-3

R.T.: 7.953 min
Delta R.T.: -0.019 min
Response: 290546
Conc: 1.95 ng/ml



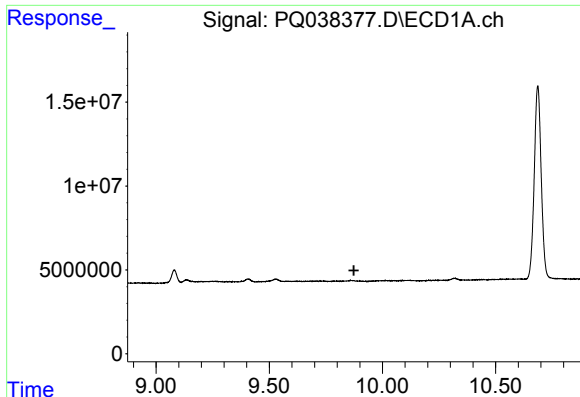
#39 AR-1262-4

R.T.: 9.133 min
Delta R.T.: -0.026 min
Response: 2706633
Conc: 7.15 ng/ml



#39 AR-1262-4

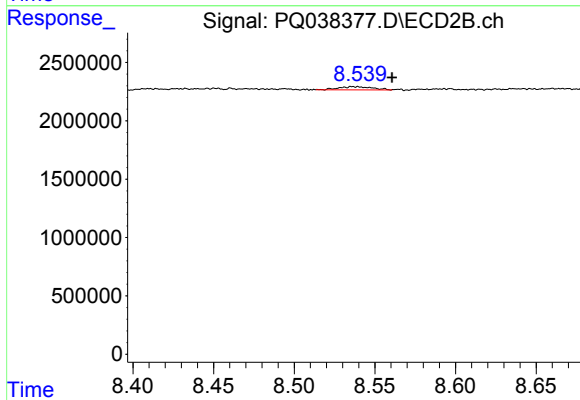
R.T.: 8.016 min
Delta R.T.: -0.021 min
Response: 7921364
Conc: 27.79 ng/ml



#40 AR-1262-5

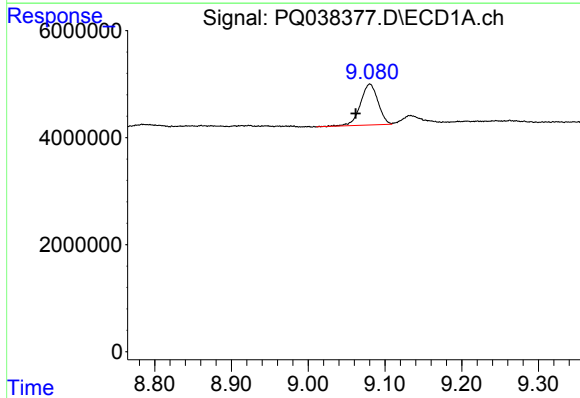
R.T.: 0.000 min
Exp R.T.: 9.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254387



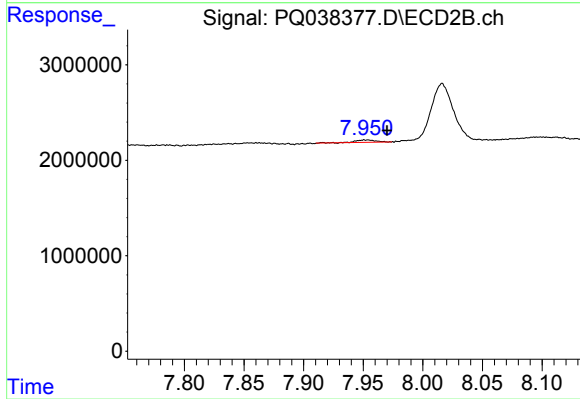
#40 AR-1262-5

R.T.: 8.537 min
Delta R.T.: -0.024 min
Response: 396843
Conc: 3.36 ng/ml



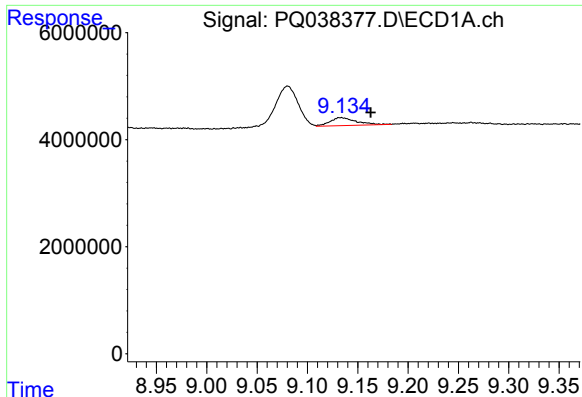
#41 AR-1268-1

R.T.: 9.080 min
Delta R.T.: 0.019 min
Response: 12180610
Conc: 7.68 ng/ml



#41 AR-1268-1

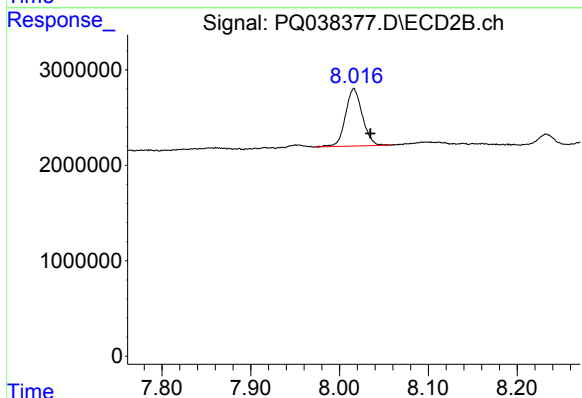
R.T.: 7.953 min
Delta R.T.: -0.017 min
Response: 290546
Conc: 0.36 ng/ml



#42 AR-1268-2

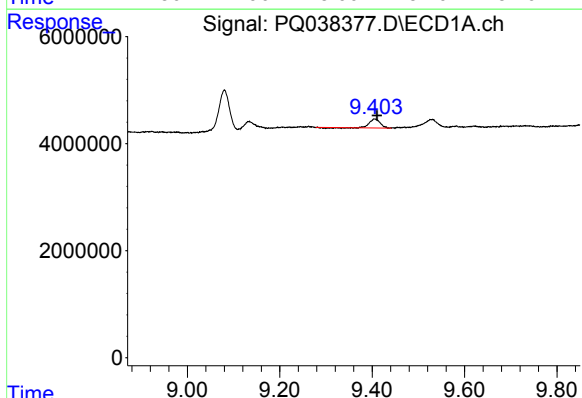
R.T.: 9.133 min
Delta R.T.: -0.030 min
Response: 2706633
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254387



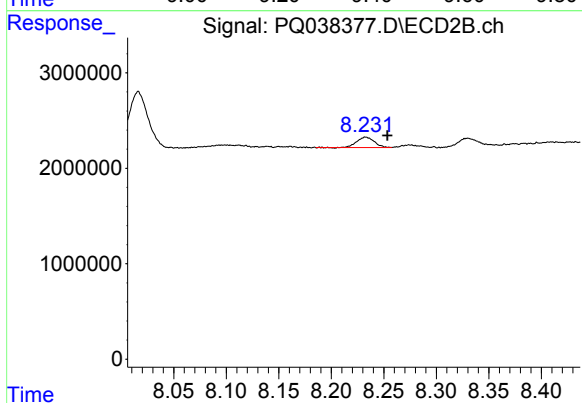
#42 AR-1268-2

R.T.: 8.016 min
Delta R.T.: -0.019 min
Response: 7921364
Conc: 10.91 ng/ml



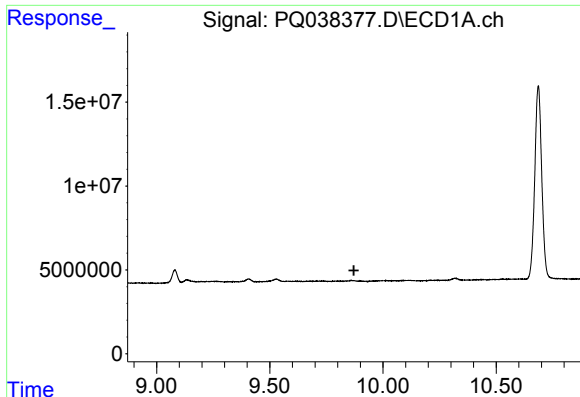
#43 AR-1268-3

R.T.: 9.405 min
Delta R.T.: -0.005 min
Response: 2443499
Conc: 1.90 ng/ml



#43 AR-1268-3

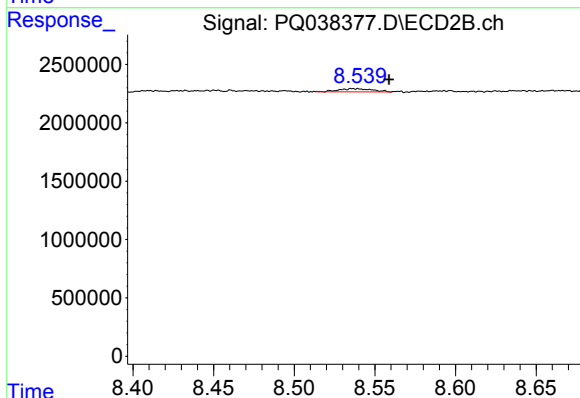
R.T.: 8.233 min
Delta R.T.: -0.021 min
Response: 1286166
Conc: 2.04 ng/ml



#44 AR-1268-4

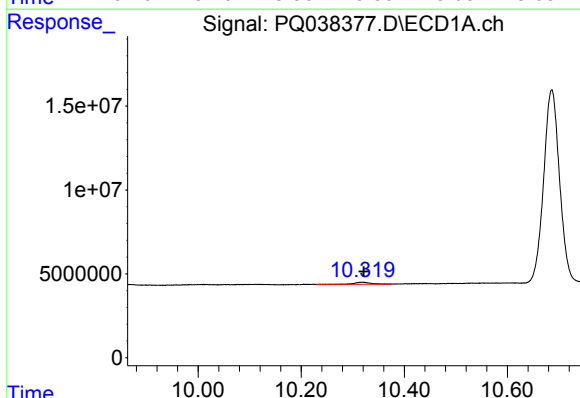
R.T.: 0.000 min
Exp R.T.: 9.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254387



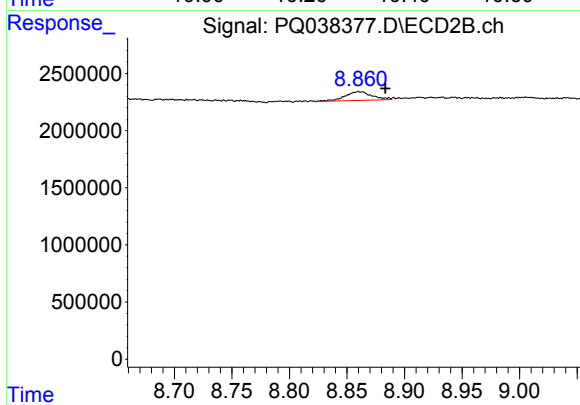
#44 AR-1268-4

R.T.: 8.537 min
Delta R.T.: -0.022 min
Response: 396843
Conc: 1.69 ng/ml



#45 AR-1268-5

R.T.: 10.318 min
Delta R.T.: -0.003 min
Response: 2856356
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 8.860 min
Delta R.T.: -0.023 min
Response: 1237584
Conc: 0.64 ng/ml