

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112119\
 Data File : PQ045330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 15:56
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 16:26:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.095	4.301	103.4E6	69212648	13.025	14.678
2)	SA Decachlor...	11.153	9.717	254.6E6	236.3E6	36.760	34.824
Target Compounds							
3)	L1 AR-1016-1	6.407	5.580	51843506	37935746	206.295	205.971
4)	L1 AR-1016-2	6.432	5.601	66560236	42107812	176.018	159.358
5)	L1 AR-1016-3	6.498	5.799	32723802	28167397	140.949	218.258 #
6)	L1 AR-1016-4	6.604	5.845	35305858	58841406	186.478	541.872 #
7)	L1 AR-1016-5	6.918	6.080	88882555	82880487	455.704	542.473
9)	L2 AR-1221-2	5.440	4.667	2306542	1711620	39.285	43.354
10)	L2 AR-1221-3	5.525	4.756	6231426	4142492	31.753	31.691
11)	L3 AR-1232-1	5.525	4.756	6231426	4142492	35.746	35.915
12)	L3 AR-1232-2	6.115	5.601	23012207	42107812	256.583	338.554 #
13)	L3 AR-1232-3	6.432	5.799	66560236	28167397	376.975	475.642 #
14)	L3 AR-1232-4	6.604	5.891	35305858	62443353	399.049	1038.744 #
15)	L3 AR-1232-5	6.702	6.080	80113871	82880487	1207.625	1137.951
16)	L4 AR-1242-1	6.407	5.580	51843506	37935746	241.195	241.958
17)	L4 AR-1242-2	6.432	5.601	66560236	42107812	206.974	188.195
18)	L4 AR-1242-3	6.498	5.799	32723802	28167397	164.927	253.428 #
19)	L4 AR-1242-4	6.604	5.891	35305858	62443353	218.669	523.656 #
20)	L4 AR-1242-5	7.385	6.462	102.5E6	122.0E6	566.294	742.736 #
21)	L5 AR-1248-1	6.407	5.580	51843506	37935746	307.823	304.824
22)	L5 AR-1248-2	6.702	5.845	80113871	58841406	327.084	345.660
23)	L5 AR-1248-3	6.918	5.891	88882555	62443353	326.585	349.154
24)	L5 AR-1248-4	7.345	6.080	107.5E6	82880487	354.979	380.759
25)	L5 AR-1248-5	7.385	6.505	102.5E6	86884958	358.258	389.640
26)	L6 AR-1254-1	7.316	6.462	85444425	122.0E6	264.079	335.255 #
27)	L6 AR-1254-2	7.549	6.620	106.0E6	38294259	213.445	118.897 #
28)	L6 AR-1254-3	7.926	7.048	64807725	64711259	121.760	116.661
29)	L6 AR-1254-4	8.221	7.288	37472937	47496995	97.007	132.887 #
30)	L6 AR-1254-5	8.651	7.721	10934705	11961030	25.313	23.921
31)	L7 AR-1260-1	8.096	7.200	12048283	23322112	38.576	76.123 #
32)	L7 AR-1260-2	8.357	7.379	9675968	7765917	23.632	19.668
33)	L7 AR-1260-3	8.724	7.539	3057554	7802161	9.365	22.774 #
34)	L7 AR-1260-4	8.950	8.024	5483831	2159277	14.421	7.041 #
35)	L7 AR-1260-5	9.291	8.274	4428858	6798927	5.753	8.687 #
36)	L8 AR-1262-1	0.000	7.721	0	11961030	N.D.	47.259 #
37)	L8 AR-1262-2	9.291	8.274	4428858	6798927	4.904	6.890 #
38)	L8 AR-1262-3	0.000	8.562	0	1772685	N.D.	4.601 #
39)	L8 AR-1262-4	0.000	8.628	0	3317750	N.D.	4.503 #
40)	L8 AR-1262-5	0.000	9.141	0	2741413	N.D.	7.874 #
41)	L9 AR-1268-1	0.000	8.562	0	1772685	N.D.	1.474 #
42)	L9 AR-1268-2	0.000	8.628	0	3317750	N.D.	2.979 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112119\
Data File : PQ045330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2019 15:56
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

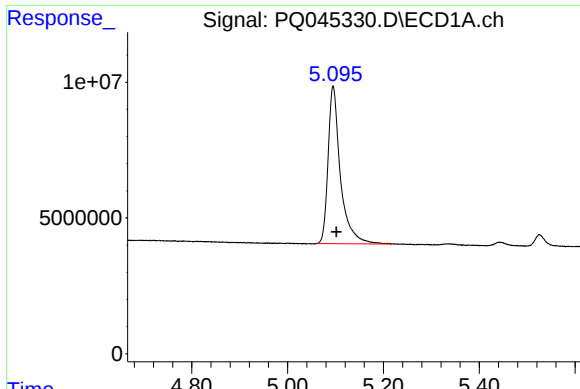
Instrument :
ECD_Q
ClientSampleId :
AR1248331

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:26:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 08 03:35:55 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
43) L9	AR-1268-3	0.000	8.836	0	2086331	N.D.	2.243 #
44) L9	AR-1268-4	0.000	9.141	0	2741413	N.D.	6.807 #
45) L9	AR-1268-5	0.000	9.448	0	1811674	N.D.	0.599 #

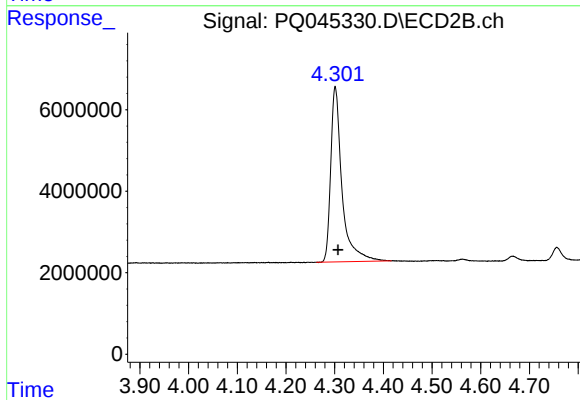
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

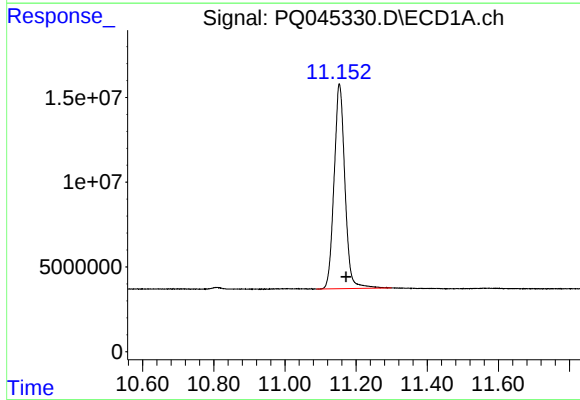
R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 103391267
Conc: 13.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



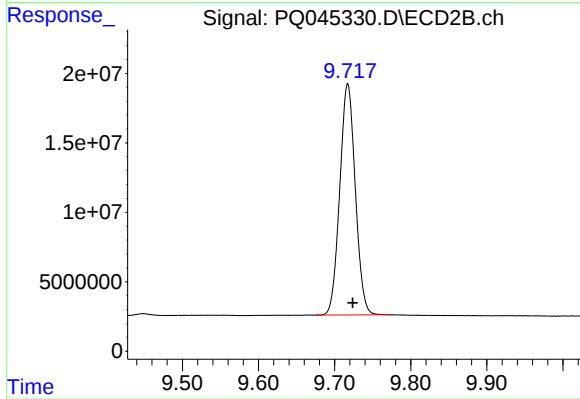
#1 Tetrachloro-m-xylene

R.T.: 4.301 min
Delta R.T.: -0.006 min
Response: 69212648
Conc: 14.68 ng/ml



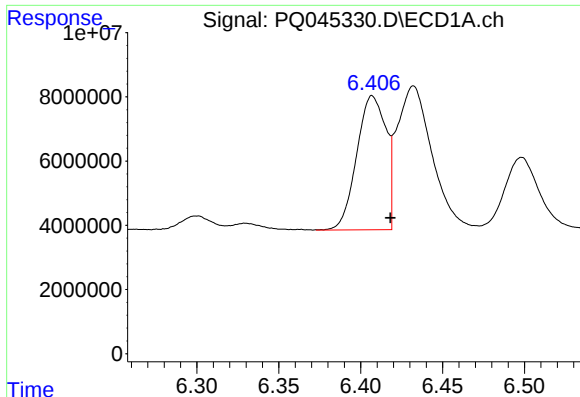
#2 Decachlorobiphenyl

R.T.: 11.153 min
Delta R.T.: -0.019 min
Response: 254599722
Conc: 36.76 ng/ml



#2 Decachlorobiphenyl

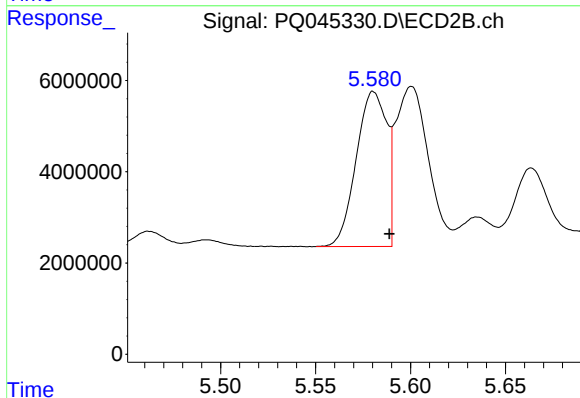
R.T.: 9.717 min
Delta R.T.: -0.006 min
Response: 236282308
Conc: 34.82 ng/ml



#3 AR-1016-1

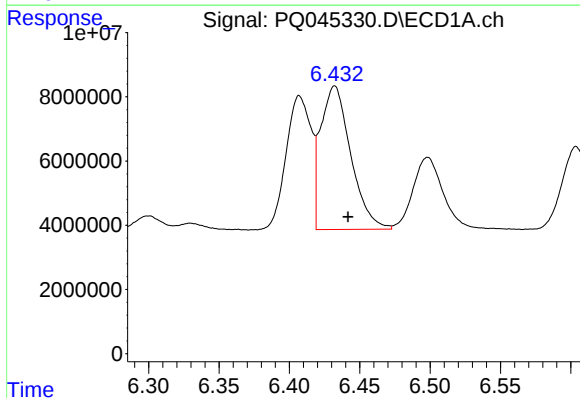
R.T.: 6.407 min
Delta R.T.: -0.011 min
Response: 51843506
Conc: 206.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



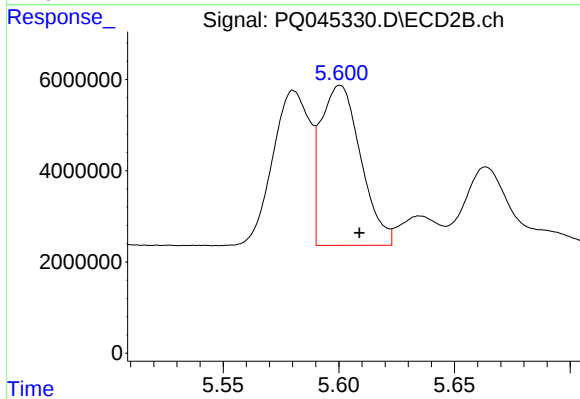
#3 AR-1016-1

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 37935746
Conc: 205.97 ng/ml



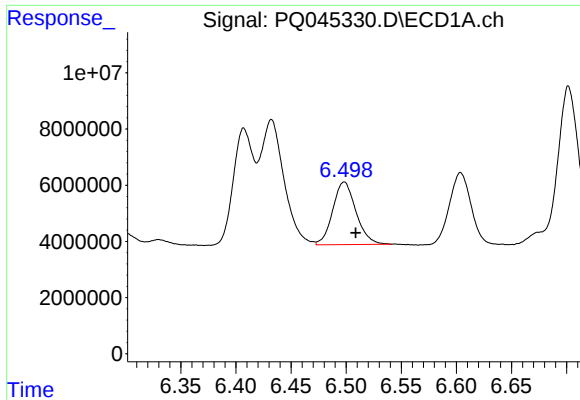
#4 AR-1016-2

R.T.: 6.432 min
Delta R.T.: -0.009 min
Response: 66560236
Conc: 176.02 ng/ml



#4 AR-1016-2

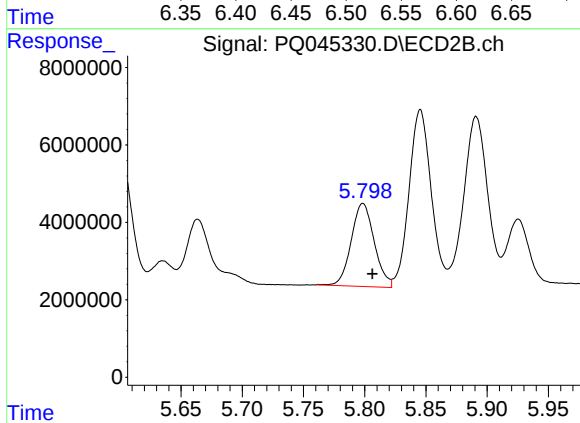
R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 42107812
Conc: 159.36 ng/ml



#5 AR-1016-3

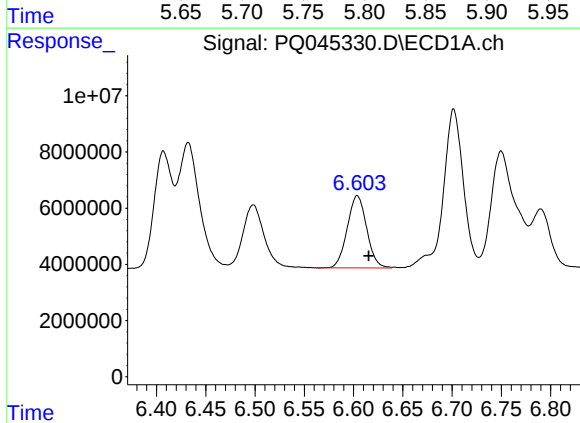
R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 32723802
Conc: 140.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



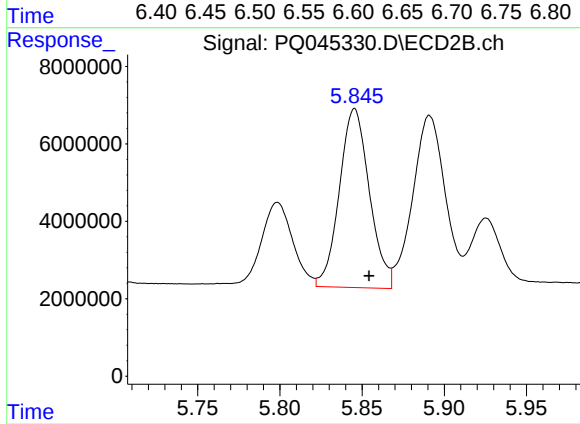
#5 AR-1016-3

R.T.: 5.799 min
Delta R.T.: -0.008 min
Response: 28167397
Conc: 218.26 ng/ml



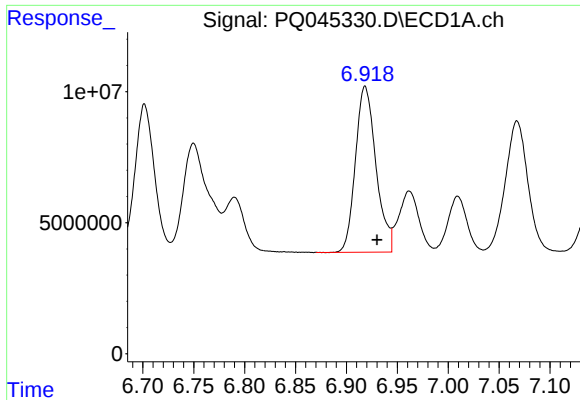
#6 AR-1016-4

R.T.: 6.604 min
Delta R.T.: -0.012 min
Response: 35305858
Conc: 186.48 ng/ml



#6 AR-1016-4

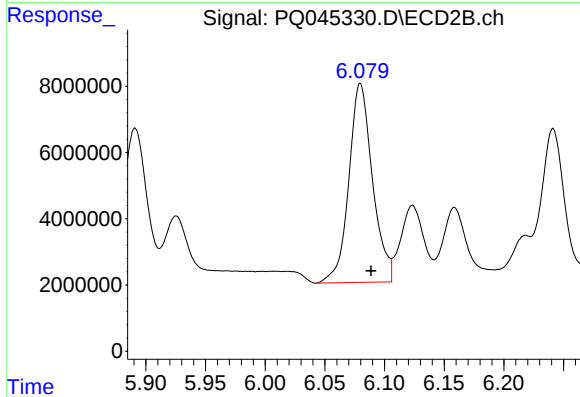
R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 58841406
Conc: 541.87 ng/ml



#7 AR-1016-5

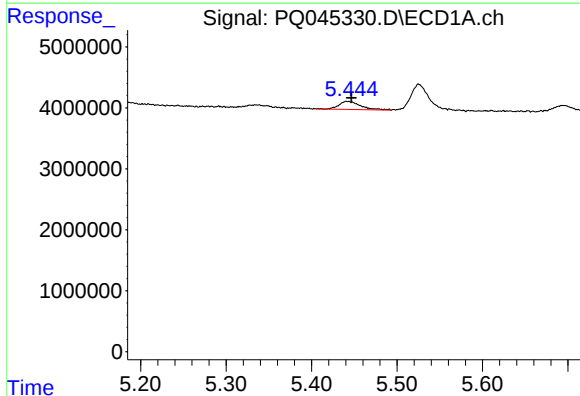
R.T.: 6.918 min
Delta R.T.: -0.012 min
Response: 88882555
Conc: 455.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



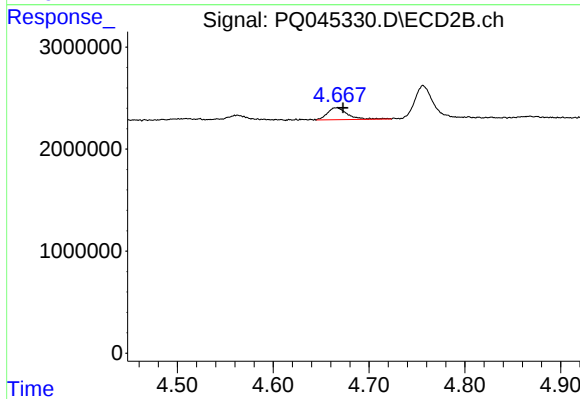
#7 AR-1016-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 82880487
Conc: 542.47 ng/ml



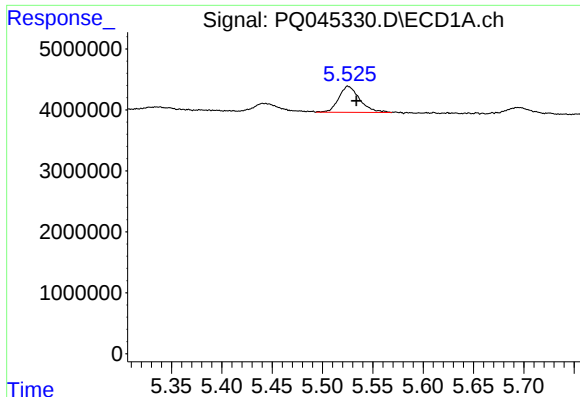
#9 AR-1221-2

R.T.: 5.440 min
Delta R.T.: -0.006 min
Response: 2306542
Conc: 39.29 ng/ml



#9 AR-1221-2

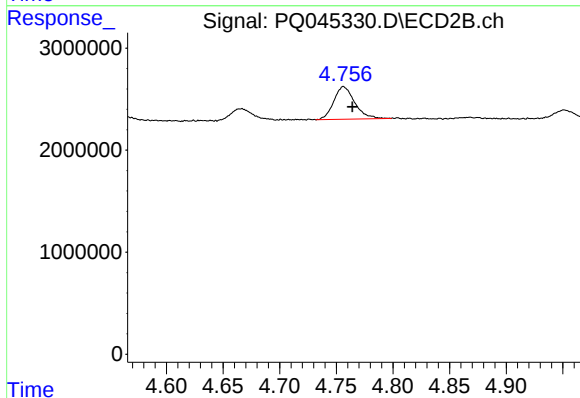
R.T.: 4.667 min
Delta R.T.: -0.006 min
Response: 1711620
Conc: 43.35 ng/ml



#10 AR-1221-3

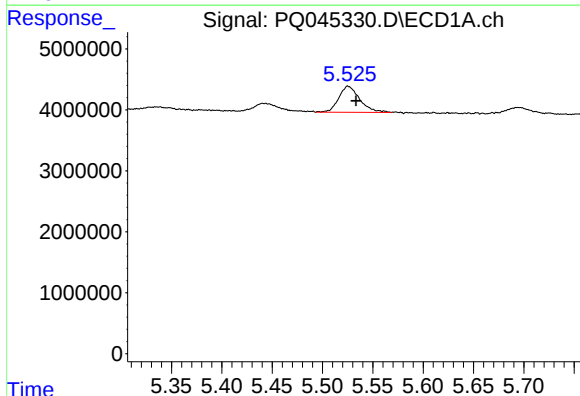
R.T.: 5.525 min
Delta R.T.: -0.009 min
Response: 6231426
Conc: 31.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



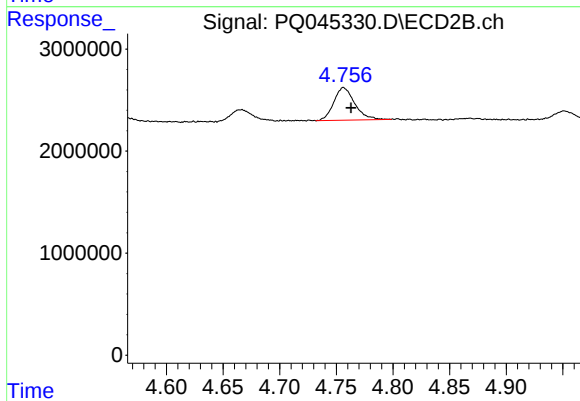
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.008 min
Response: 4142492
Conc: 31.69 ng/ml



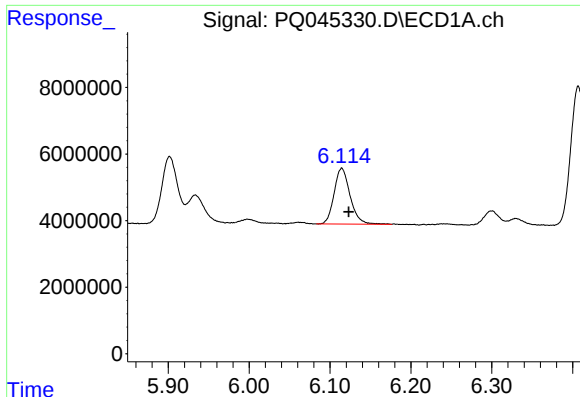
#11 AR-1232-1

R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 6231426
Conc: 35.75 ng/ml



#11 AR-1232-1

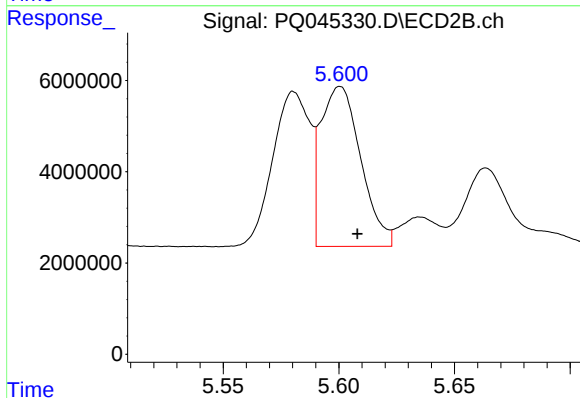
R.T.: 4.756 min
Delta R.T.: -0.007 min
Response: 4142492
Conc: 35.92 ng/ml



#12 AR-1232-2

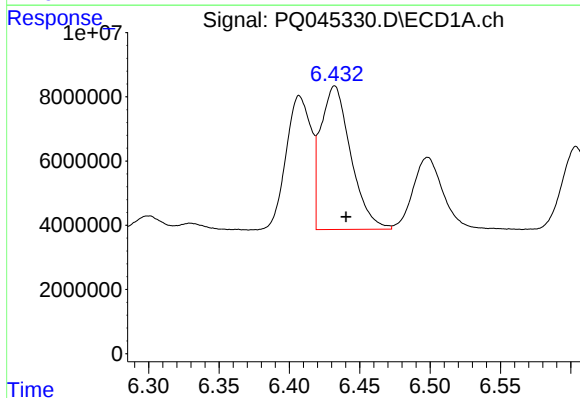
R.T.: 6.115 min
Delta R.T.: -0.008 min
Response: 23012207
Conc: 256.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



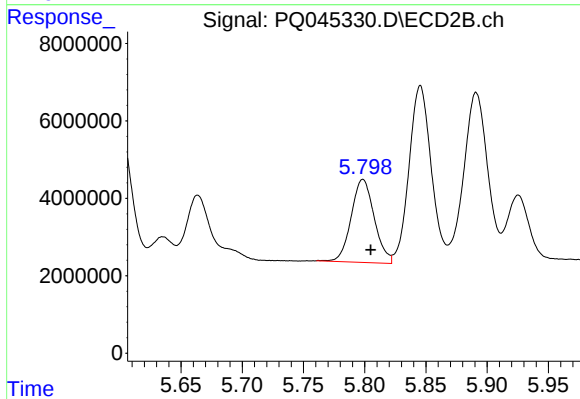
#12 AR-1232-2

R.T.: 5.601 min
Delta R.T.: -0.007 min
Response: 42107812
Conc: 338.55 ng/ml



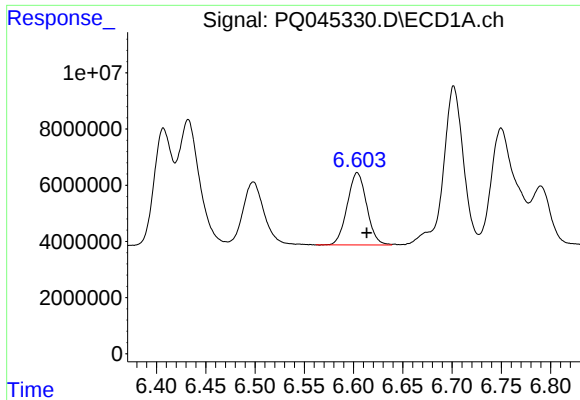
#13 AR-1232-3

R.T.: 6.432 min
Delta R.T.: -0.008 min
Response: 66560236
Conc: 376.98 ng/ml



#13 AR-1232-3

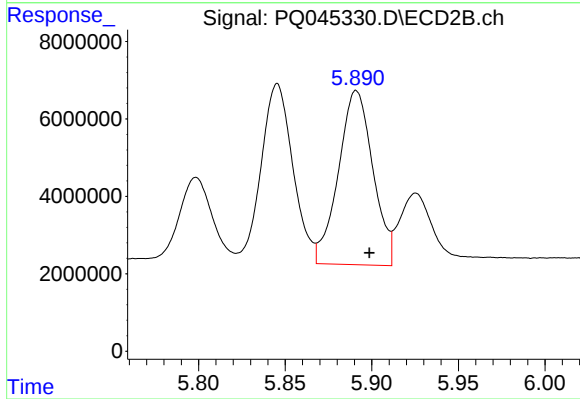
R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 28167397
Conc: 475.64 ng/ml



#14 AR-1232-4

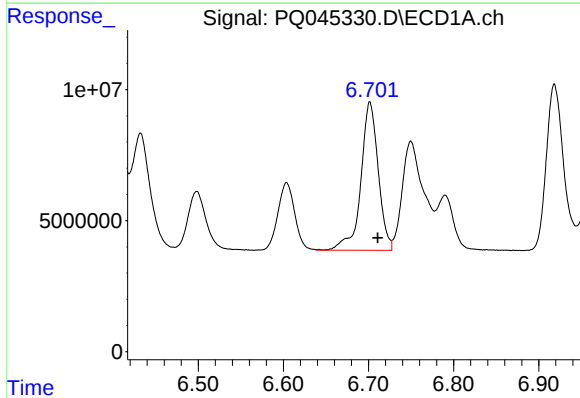
R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 35305858
Conc: 399.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



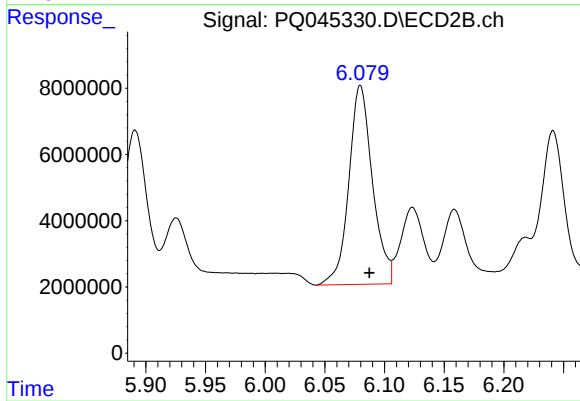
#14 AR-1232-4

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 62443353
Conc: 1038.74 ng/ml



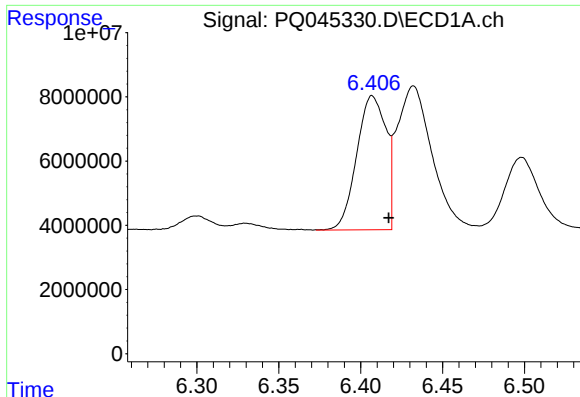
#15 AR-1232-5

R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 80113871
Conc: 1207.62 ng/ml



#15 AR-1232-5

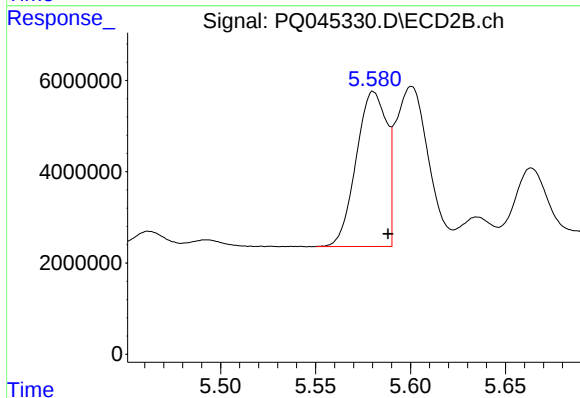
R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 82880487
Conc: 1137.95 ng/ml



#16 AR-1242-1

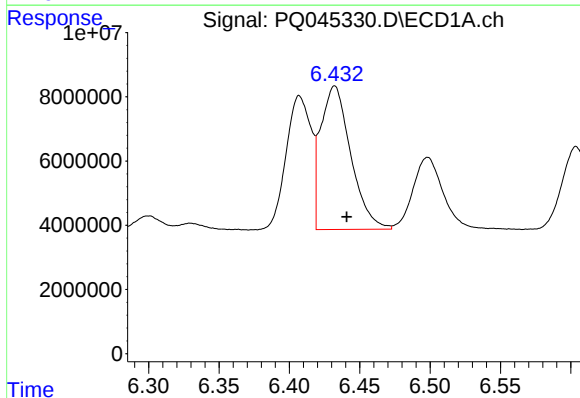
R.T.: 6.407 min
Delta R.T.: -0.010 min
Response: 51843506
Conc: 241.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



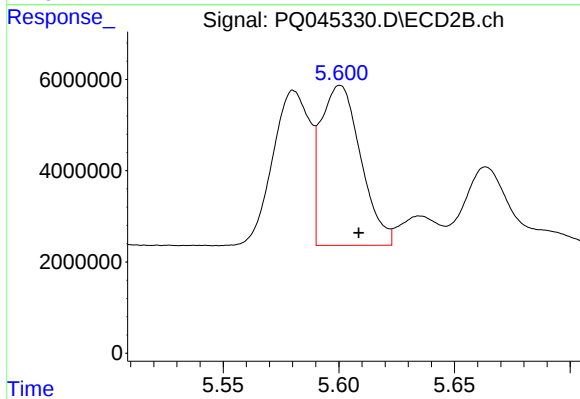
#16 AR-1242-1

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 37935746
Conc: 241.96 ng/ml



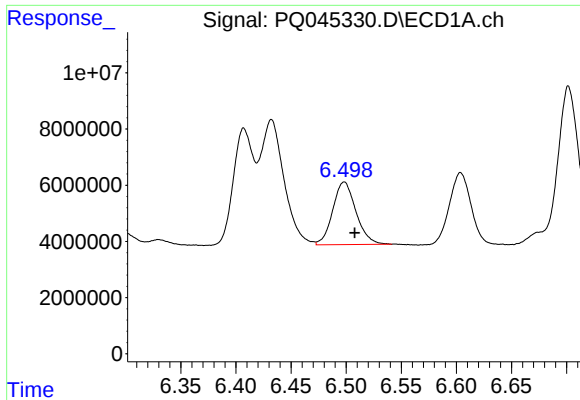
#17 AR-1242-2

R.T.: 6.432 min
Delta R.T.: -0.008 min
Response: 66560236
Conc: 206.97 ng/ml



#17 AR-1242-2

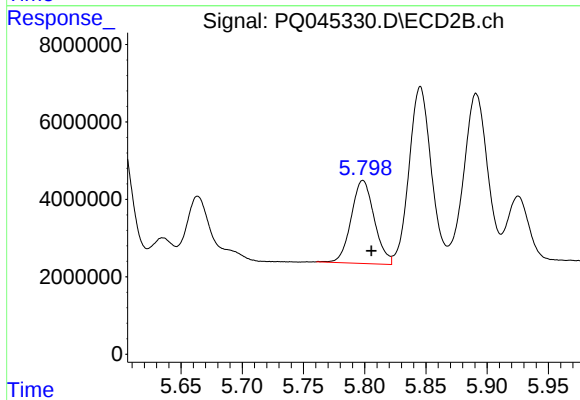
R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 42107812
Conc: 188.20 ng/ml



#18 AR-1242-3

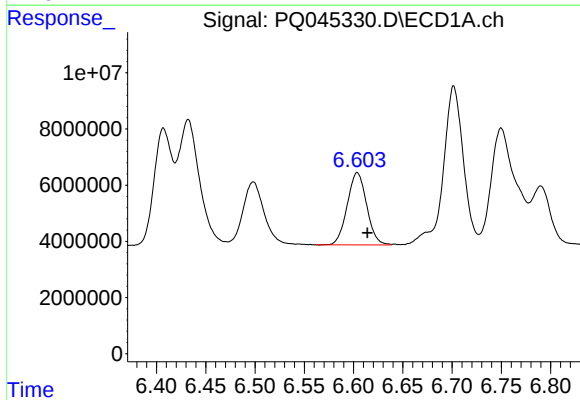
R.T.: 6.498 min
Delta R.T.: -0.009 min
Response: 32723802
Conc: 164.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



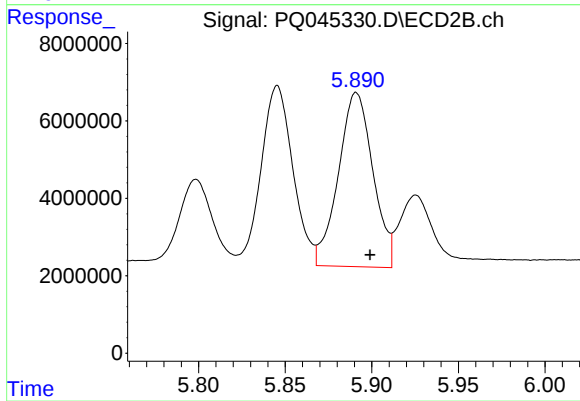
#18 AR-1242-3

R.T.: 5.799 min
Delta R.T.: -0.007 min
Response: 28167397
Conc: 253.43 ng/ml



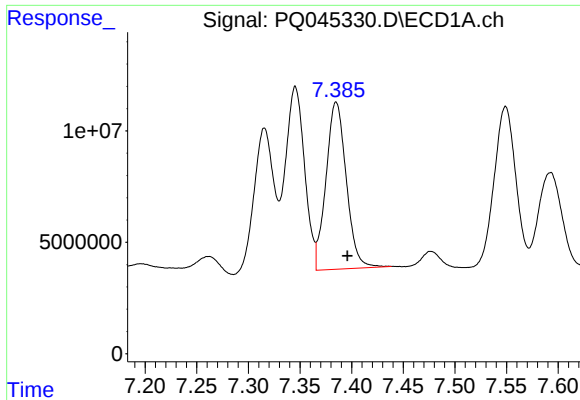
#19 AR-1242-4

R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 35305858
Conc: 218.67 ng/ml



#19 AR-1242-4

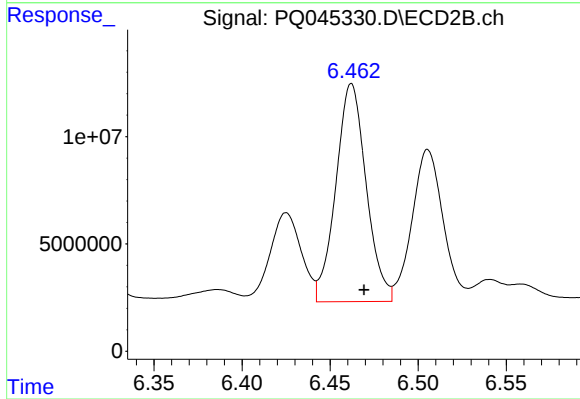
R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 62443353
Conc: 523.66 ng/ml



#20 AR-1242-5

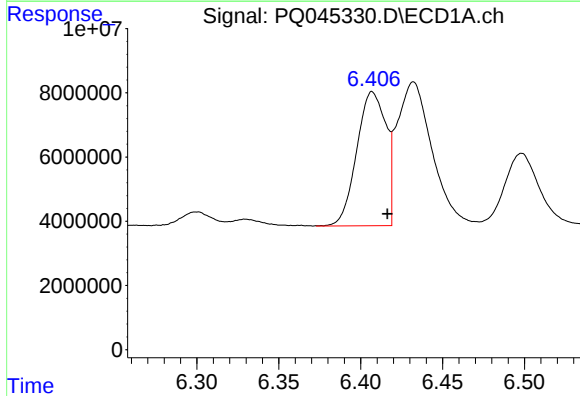
R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 102479027
Conc: 566.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



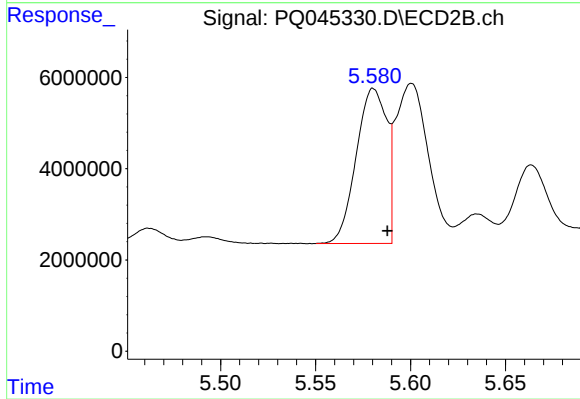
#20 AR-1242-5

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 121959157
Conc: 742.74 ng/ml



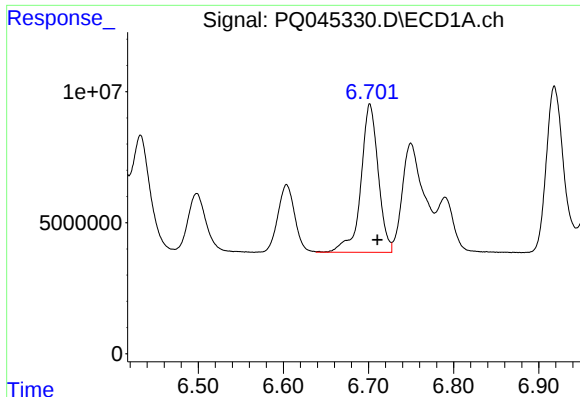
#21 AR-1248-1

R.T.: 6.407 min
Delta R.T.: -0.009 min
Response: 51843506
Conc: 307.82 ng/ml



#21 AR-1248-1

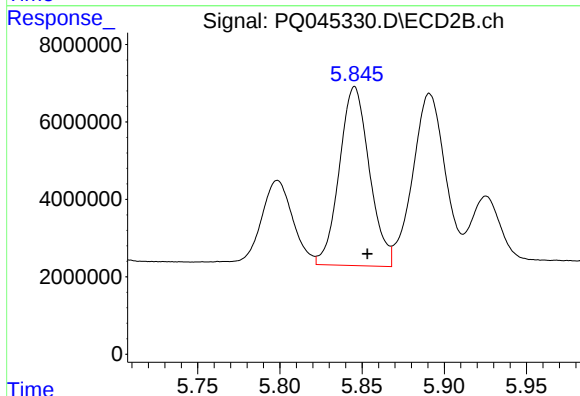
R.T.: 5.580 min
Delta R.T.: -0.007 min
Response: 37935746
Conc: 304.82 ng/ml



#22 AR-1248-2

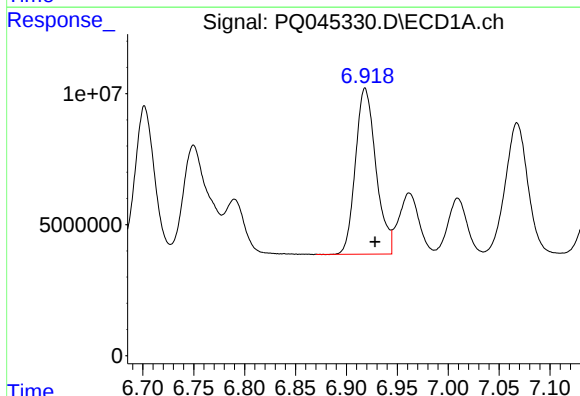
R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 80113871
Conc: 327.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



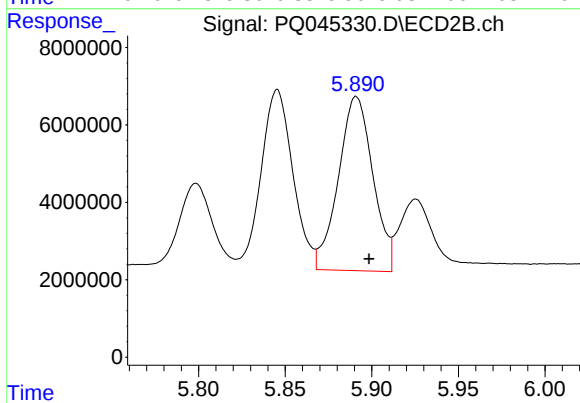
#22 AR-1248-2

R.T.: 5.845 min
Delta R.T.: -0.008 min
Response: 58841406
Conc: 345.66 ng/ml



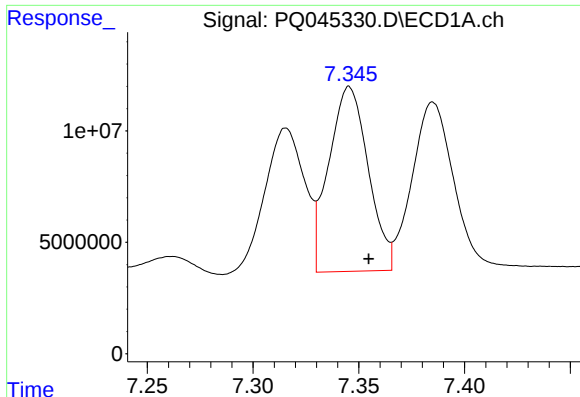
#23 AR-1248-3

R.T.: 6.918 min
Delta R.T.: -0.010 min
Response: 88882555
Conc: 326.59 ng/ml



#23 AR-1248-3

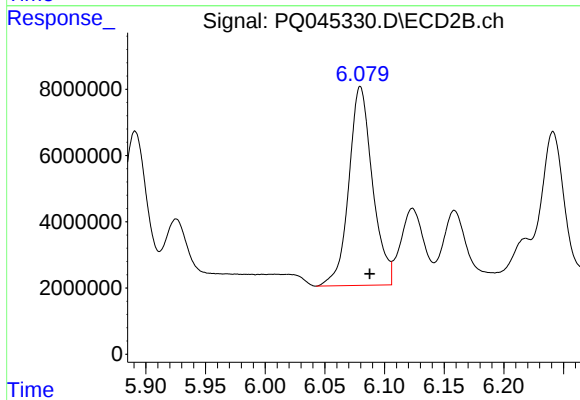
R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 62443353
Conc: 349.15 ng/ml



#24 AR-1248-4

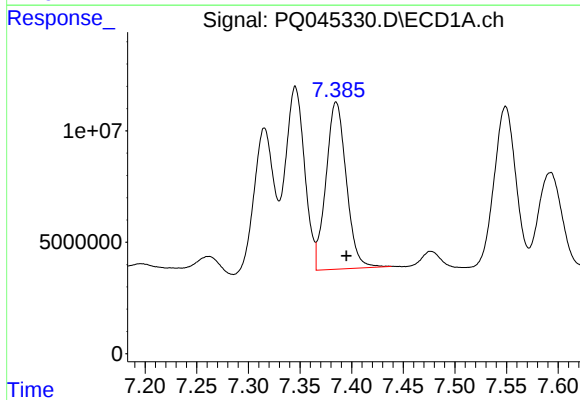
R.T.: 7.345 min
Delta R.T.: -0.009 min
Response: 107511231
Conc: 354.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



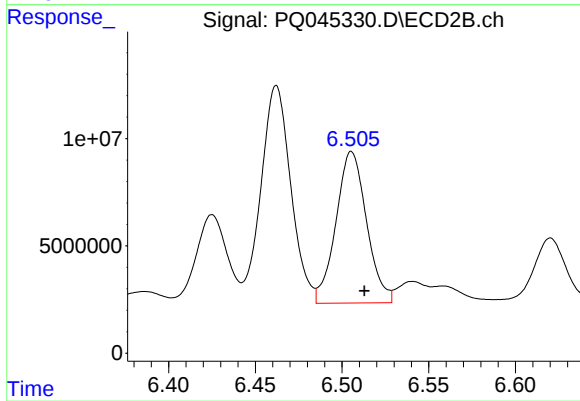
#24 AR-1248-4

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 82880487
Conc: 380.76 ng/ml



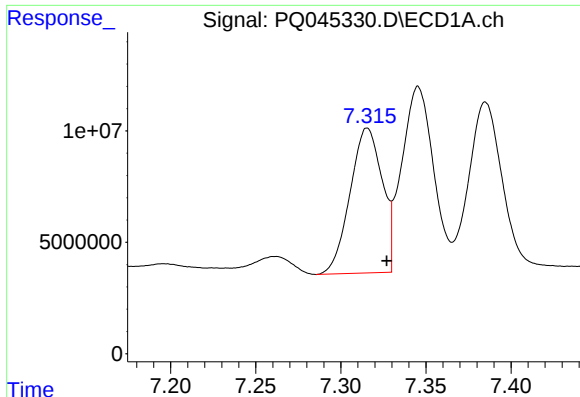
#25 AR-1248-5

R.T.: 7.385 min
Delta R.T.: -0.010 min
Response: 102479027
Conc: 358.26 ng/ml



#25 AR-1248-5

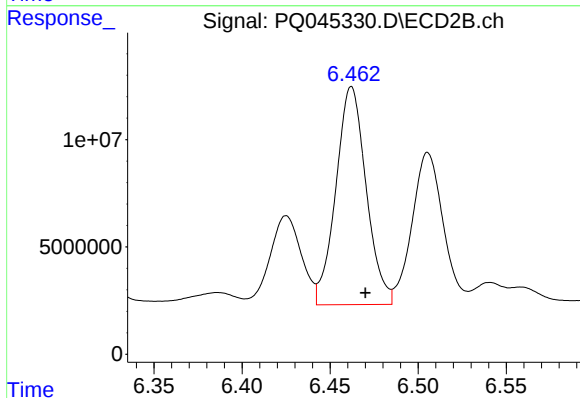
R.T.: 6.505 min
Delta R.T.: -0.007 min
Response: 86884958
Conc: 389.64 ng/ml



#26 AR-1254-1

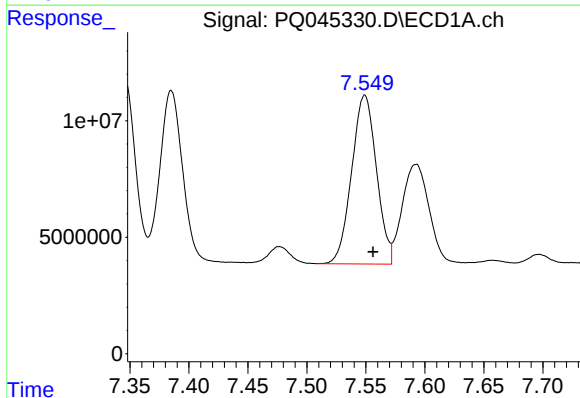
R.T.: 7.316 min
Delta R.T.: -0.011 min
Response: 85444425
Conc: 264.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



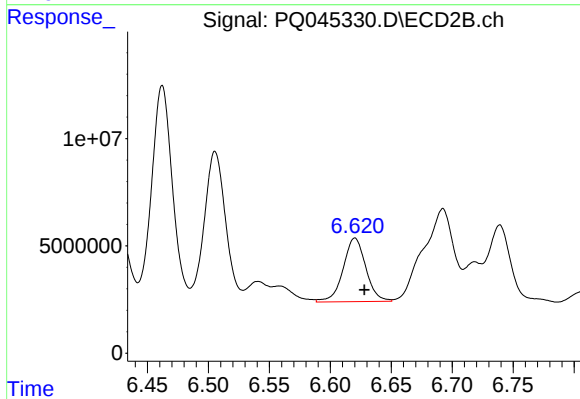
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 121959157
Conc: 335.25 ng/ml



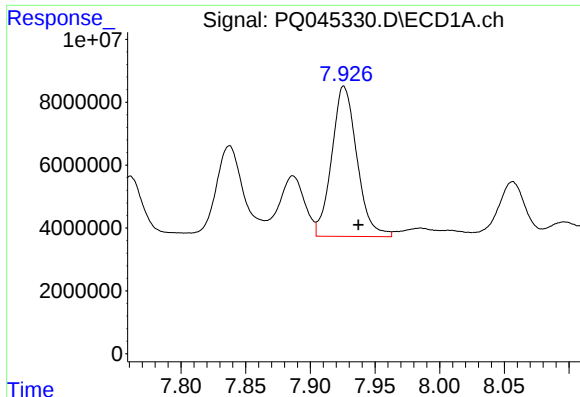
#27 AR-1254-2

R.T.: 7.549 min
Delta R.T.: -0.007 min
Response: 105975531
Conc: 213.44 ng/ml



#27 AR-1254-2

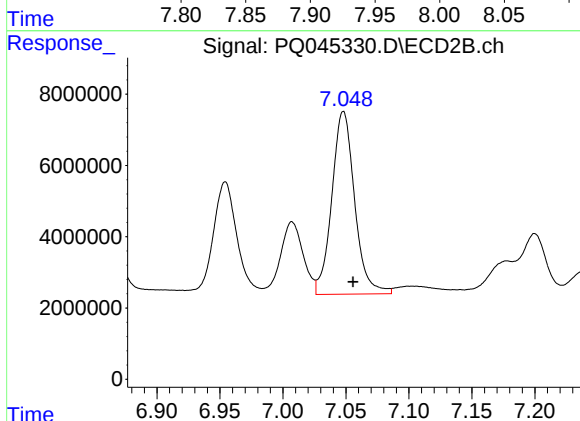
R.T.: 6.620 min
Delta R.T.: -0.008 min
Response: 38294259
Conc: 118.90 ng/ml



#28 AR-1254-3

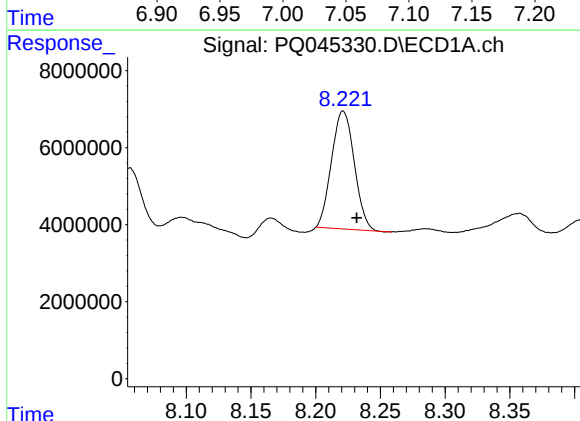
R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 64807725
Conc: 121.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



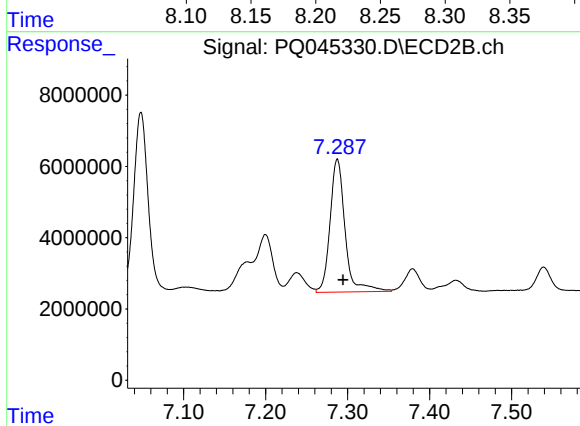
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 64711259
Conc: 116.66 ng/ml



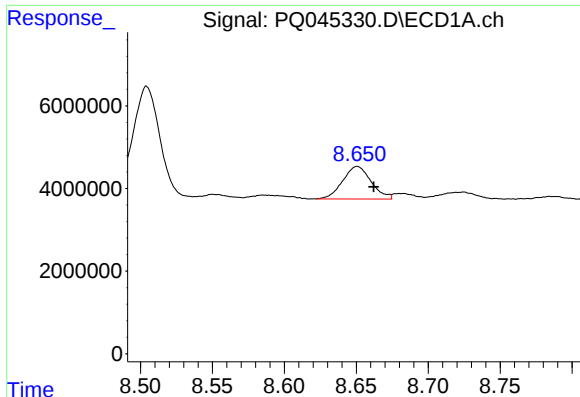
#29 AR-1254-4

R.T.: 8.221 min
Delta R.T.: -0.011 min
Response: 37472937
Conc: 97.01 ng/ml



#29 AR-1254-4

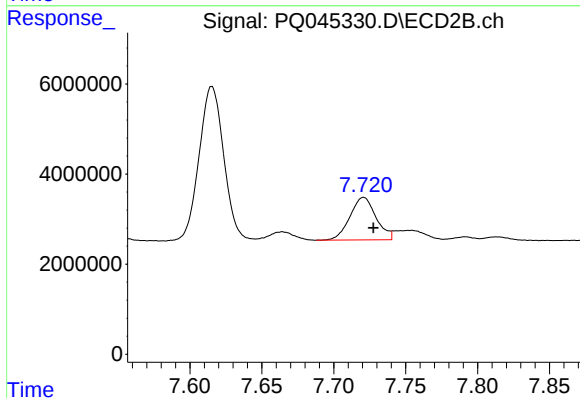
R.T.: 7.288 min
Delta R.T.: -0.007 min
Response: 47496995
Conc: 132.89 ng/ml



#30 AR-1254-5

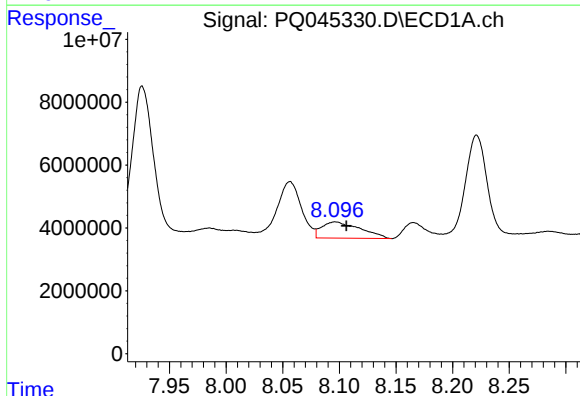
R.T.: 8.651 min
Delta R.T.: -0.012 min
Response: 10934705
Conc: 25.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



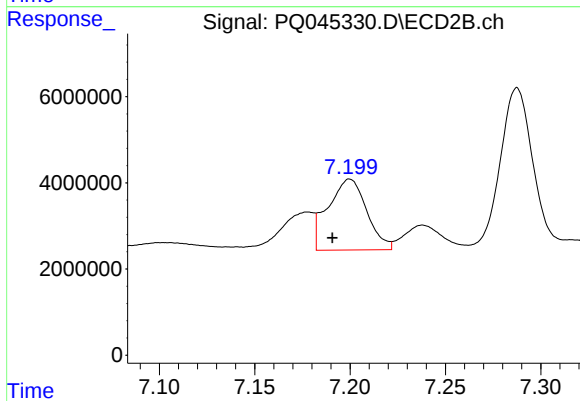
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 11961030
Conc: 23.92 ng/ml



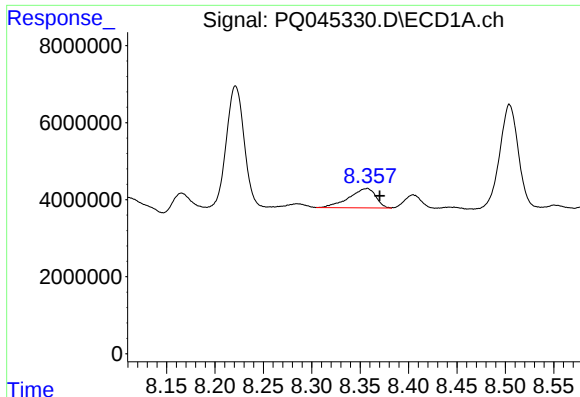
#31 AR-1260-1

R.T.: 8.096 min
Delta R.T.: -0.010 min
Response: 12048283
Conc: 38.58 ng/ml



#31 AR-1260-1

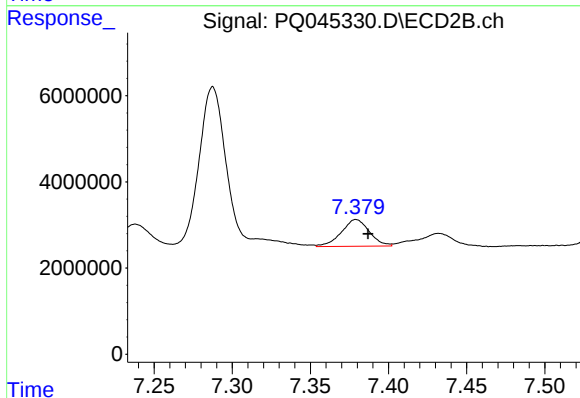
R.T.: 7.200 min
Delta R.T.: 0.009 min
Response: 23322112
Conc: 76.12 ng/ml



#32 AR-1260-2

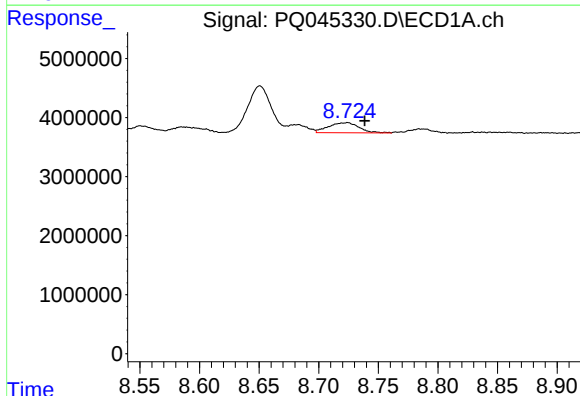
R.T.: 8.357 min
Delta R.T.: -0.013 min
Response: 9675968
Conc: 23.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



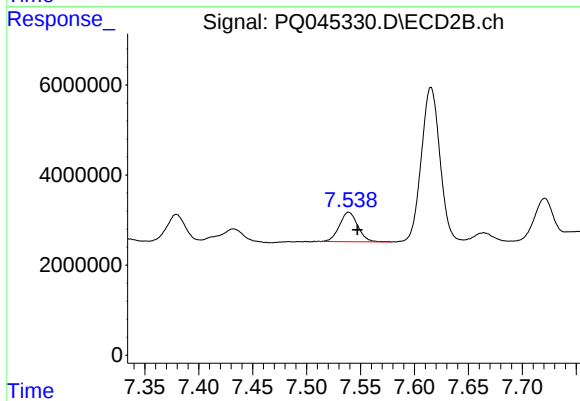
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 7765917
Conc: 19.67 ng/ml



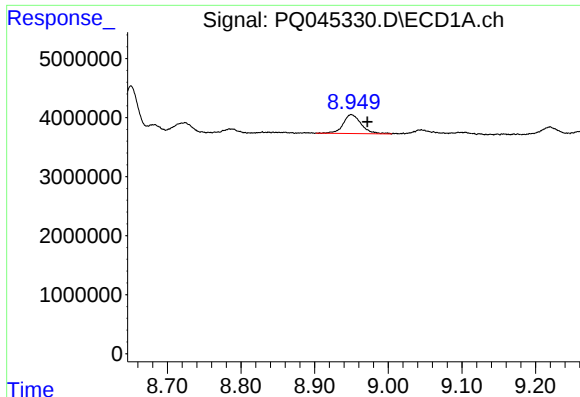
#33 AR-1260-3

R.T.: 8.724 min
Delta R.T.: -0.014 min
Response: 3057554
Conc: 9.37 ng/ml



#33 AR-1260-3

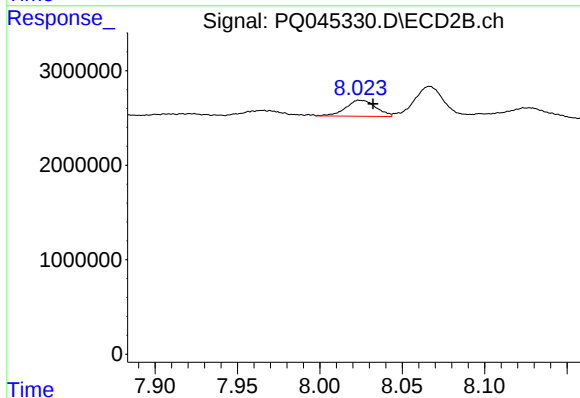
R.T.: 7.539 min
Delta R.T.: -0.008 min
Response: 7802161
Conc: 22.77 ng/ml



#34 AR-1260-4

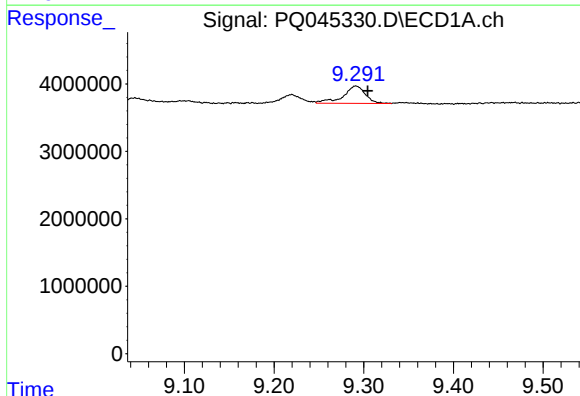
R.T.: 8.950 min
Delta R.T.: -0.022 min
Response: 5483831
Conc: 14.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248331



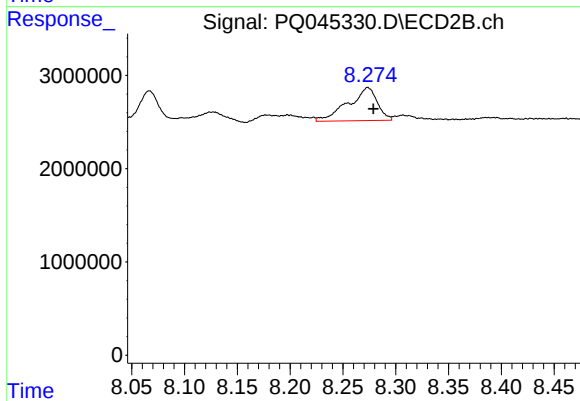
#34 AR-1260-4

R.T.: 8.024 min
Delta R.T.: -0.008 min
Response: 2159277
Conc: 7.04 ng/ml



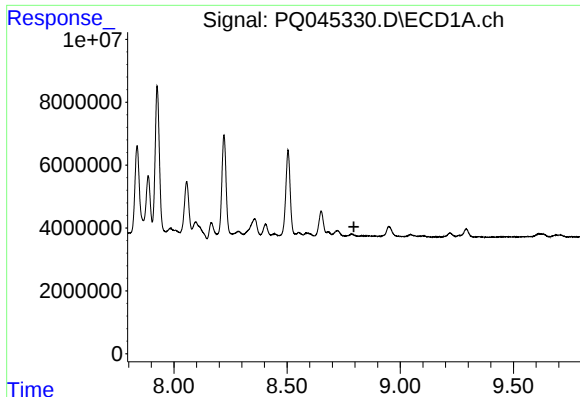
#35 AR-1260-5

R.T.: 9.291 min
Delta R.T.: -0.013 min
Response: 4428858
Conc: 5.75 ng/ml



#35 AR-1260-5

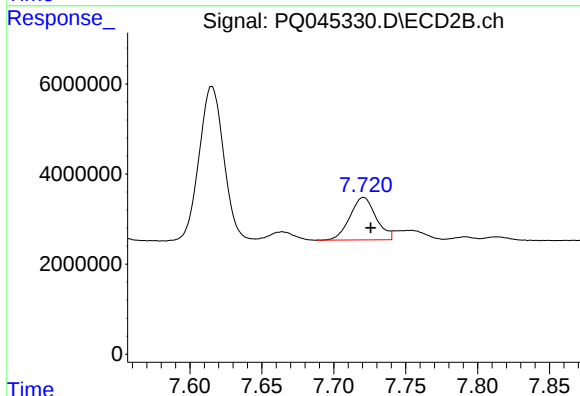
R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 6798927
Conc: 8.69 ng/ml



#36 AR-1262-1

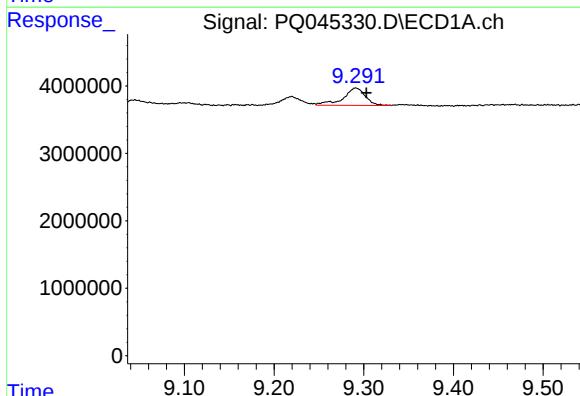
R.T.: 0.000 min
Exp R.T.: 8.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248331



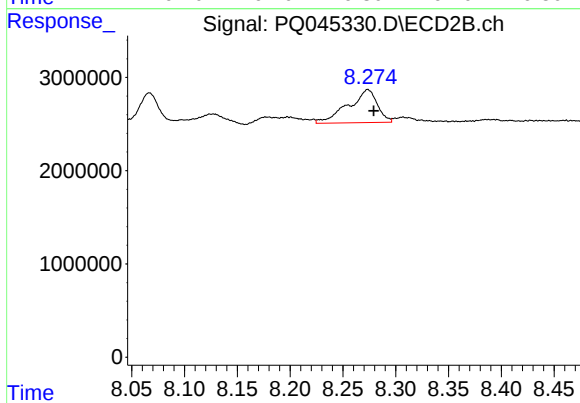
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.005 min
Response: 11961030
Conc: 47.26 ng/ml



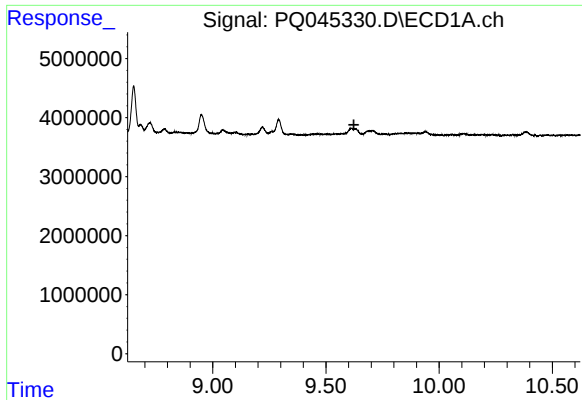
#37 AR-1262-2

R.T.: 9.291 min
Delta R.T.: -0.012 min
Response: 4428858
Conc: 4.90 ng/ml



#37 AR-1262-2

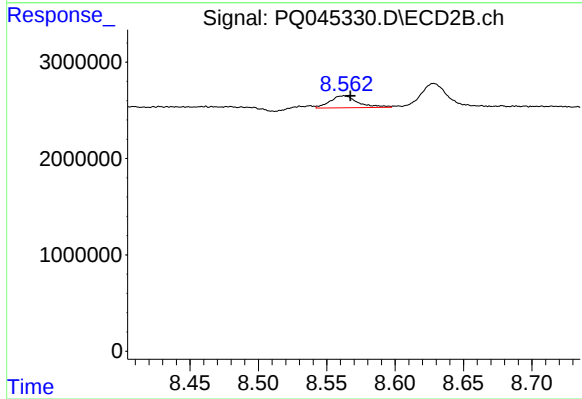
R.T.: 8.274 min
Delta R.T.: -0.006 min
Response: 6798927
Conc: 6.89 ng/ml



#38 AR-1262-3

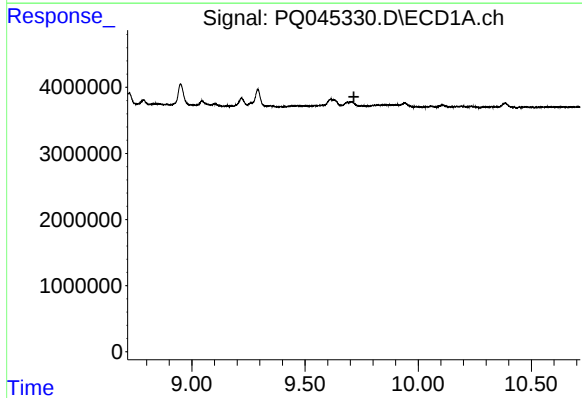
R.T.: 0.000 min
Exp R.T.: 9.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248331



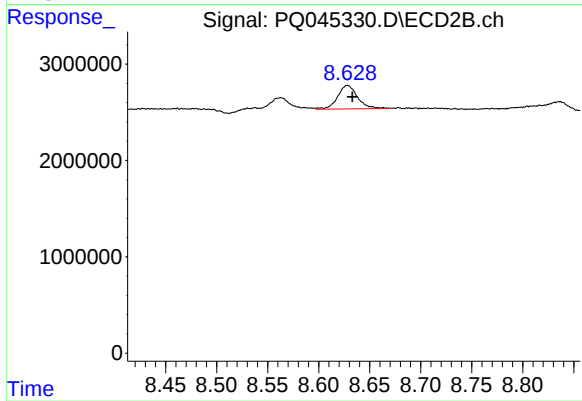
#38 AR-1262-3

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 1772685
Conc: 4.60 ng/ml



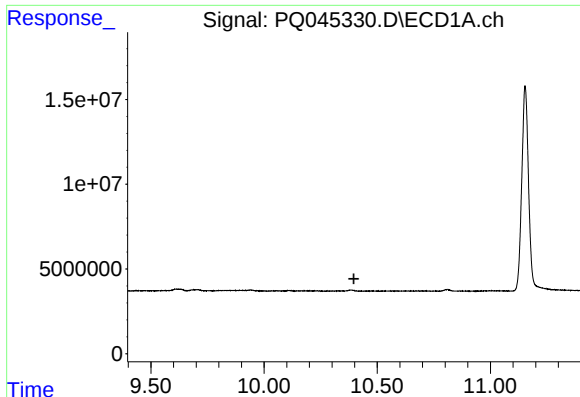
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.716 min
Response: 0
Conc: N.D.



#39 AR-1262-4

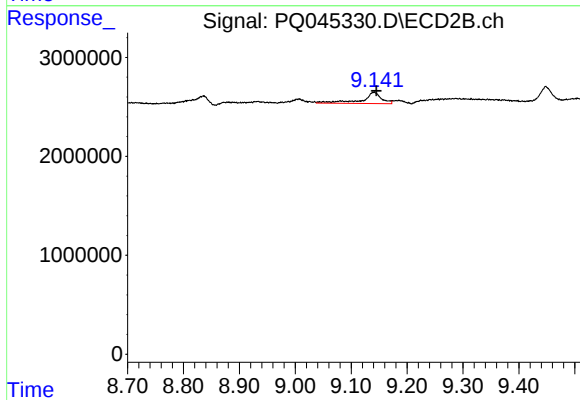
R.T.: 8.628 min
Delta R.T.: -0.005 min
Response: 3317750
Conc: 4.50 ng/ml



#40 AR-1262-5

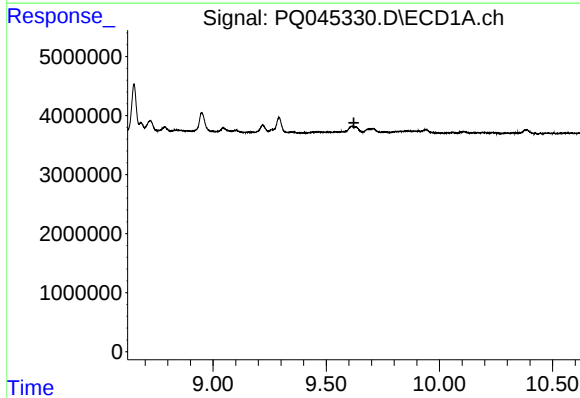
R.T.: 0.000 min
Exp R.T. : 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248331



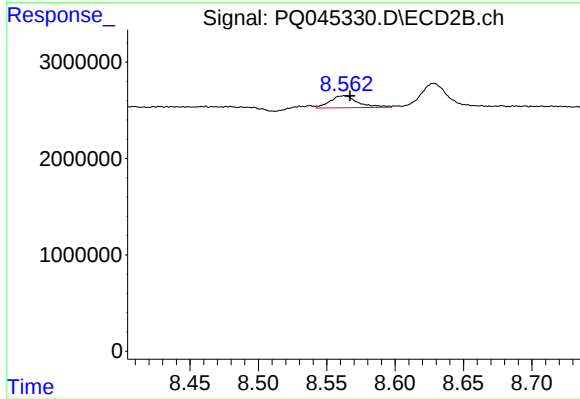
#40 AR-1262-5

R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 2741413
Conc: 7.87 ng/ml



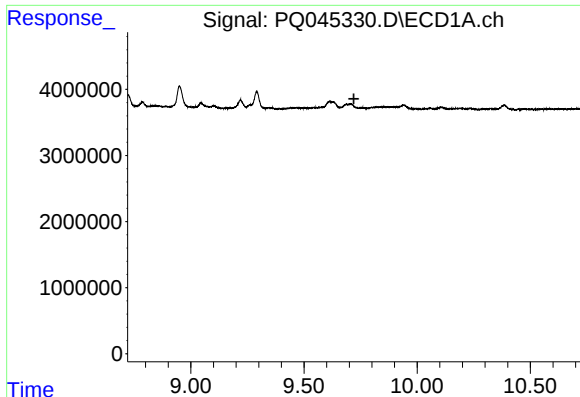
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.622 min
Response: 0
Conc: N.D.



#41 AR-1268-1

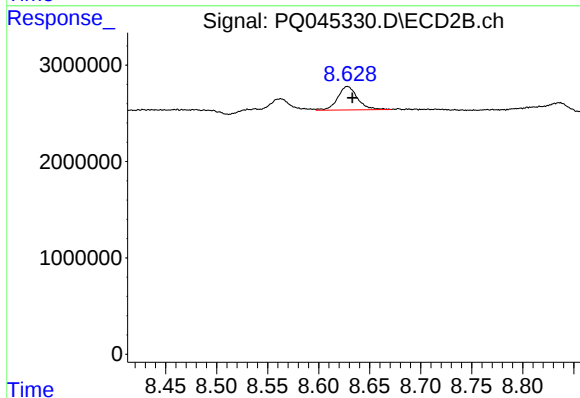
R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 1772685
Conc: 1.47 ng/ml



#42 AR-1268-2

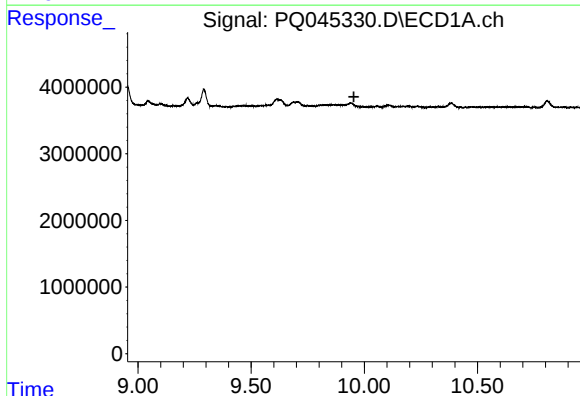
R.T.: 0.000 min
Exp R.T.: 9.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248331



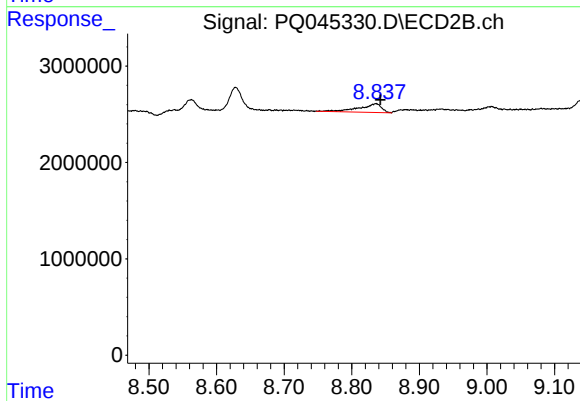
#42 AR-1268-2

R.T.: 8.628 min
Delta R.T.: -0.005 min
Response: 3317750
Conc: 2.98 ng/ml



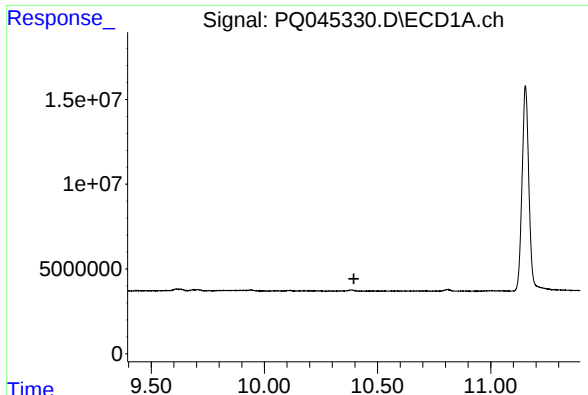
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

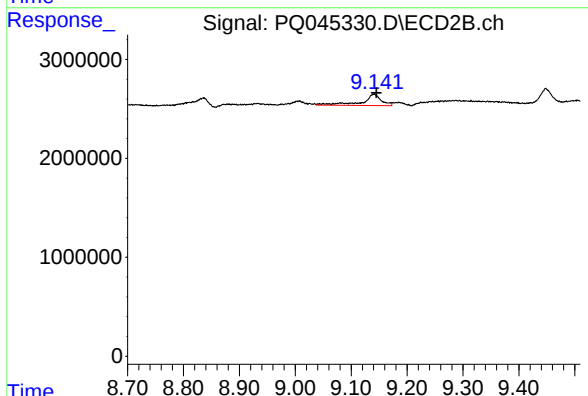
R.T.: 8.836 min
Delta R.T.: -0.006 min
Response: 2086331
Conc: 2.24 ng/ml



#44 AR-1268-4

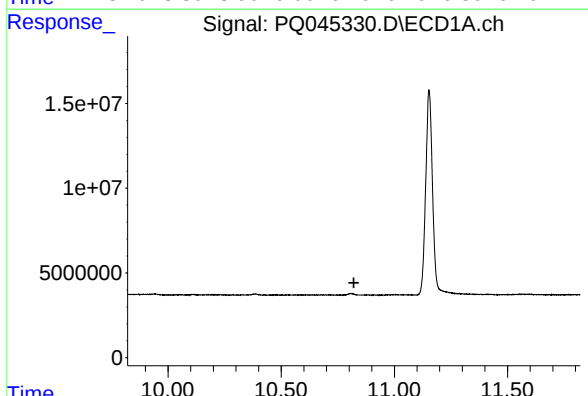
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248331



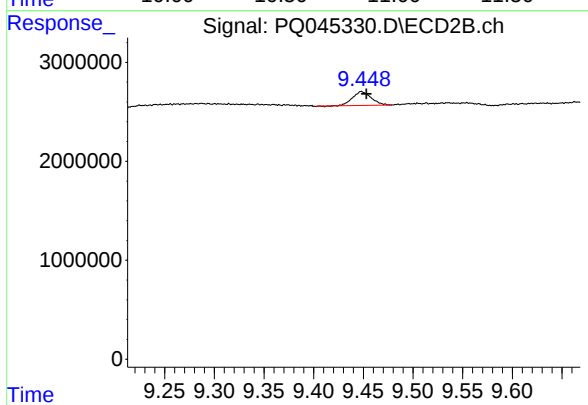
#44 AR-1268-4

R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 2741413
Conc: 6.81 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: -0.005 min
Response: 1811674
Conc: 0.60 ng/ml