

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112119\
 Data File : PQ045314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 11:02
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242330

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 16:20:00 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...	5.094	4.301	134.2E6	95191518	16.911	20.188
2)	SA Decachlor...	11.154	9.716	250.3E6	234.3E6	36.138	34.531
Target Compounds							
3)	L1 AR-1016-1	6.408	5.581	77866584	57909039	309.845	314.416
4)	L1 AR-1016-2	6.431	5.601	116.7E6	85331173	308.636	322.938
5)	L1 AR-1016-3	6.498	5.798	72183514	45201672	310.910	350.250
6)	L1 AR-1016-4	6.605	5.846	58286086	36035566	307.854	331.852
7)	L1 AR-1016-5	6.920	6.080	60459884	52150317	309.980	341.337
8)	L2 AR-1221-1	5.335	4.561	6763834	4883673	81.617	91.047
9)	L2 AR-1221-2	5.440	4.666	9107588	6710078	155.121	169.960
10)	L2 AR-1221-3	5.526	4.756	38938783	27593972	198.417	211.102
11)	L3 AR-1232-1	5.526	4.756	38938783	27593972	223.369	239.239
12)	L3 AR-1232-2	6.115	5.601	55512987	85331173	618.962	686.077
13)	L3 AR-1232-3	6.431	5.798	116.7E6	45201672	661.002	763.287
14)	L3 AR-1232-4	6.605	5.891	58286086	46574368	658.786	774.764
15)	L3 AR-1232-5	6.702	6.080	51656027	52150317	778.655	716.025
16)	L4 AR-1242-1	6.408	5.581	77866584	57909039	362.263	369.349
17)	L4 AR-1242-2	6.431	5.601	116.7E6	85331173	362.916	381.377
18)	L4 AR-1242-3	6.498	5.798	72183514	45201672	363.804	406.690
19)	L4 AR-1242-4	6.605	5.891	58286086	46574368	360.998	390.577
20)	L4 AR-1242-5	7.386	6.462	69391572	69459871	383.454	423.014
21)	L5 AR-1248-1	6.408	5.581	77866584	57909039	462.337	465.314
22)	L5 AR-1248-2	6.702	5.846	51656027	36035566	210.898	211.689
23)	L5 AR-1248-3	6.920	5.891	60459884	46574368	222.150	260.422
24)	L5 AR-1248-4	7.346	6.080	67899107	52150317	224.188	239.582
25)	L5 AR-1248-5	7.386	6.506	69391572	60143429	242.587	269.716
26)	L6 AR-1254-1	7.316	6.462	54744051	69459871	169.195	190.939
27)	L6 AR-1254-2	7.551	6.620	55378337	18289736	111.537	56.786 #
28)	L6 AR-1254-3	7.927	7.048	23430048	22772073	44.020	41.053
29)	L6 AR-1254-4	8.222	7.288	16248756	20239546	42.064	56.626 #
30)	L6 AR-1254-5	8.651	7.721	4026438	6211476	9.321	12.422 #
31)	L7 AR-1260-1	8.056	7.201	10767501	8249623	34.475	26.927
32)	L7 AR-1260-2	8.356	7.378	4247876	4204084	10.375	10.647
33)	L7 AR-1260-3	0.000	7.539	0	2808422	N.D.	8.198 #
34)	L7 AR-1260-4	8.949	8.067	2019085	1773367	5.310	5.783
35)	L7 AR-1260-5	0.000	8.254	0	3175264	N.D.	4.057 #
36)	L8 AR-1262-1	0.000	7.721	0	6211476	N.D.	24.542 #
37)	L8 AR-1262-2	0.000	8.254	0	3175264	N.D.	3.218 #
38)	L8 AR-1262-3	0.000	8.626	0	1410861	N.D.	3.662 #
39)	L8 AR-1262-4	0.000	8.626	0	1410861	N.D.	1.915 #
41)	L9 AR-1268-1	0.000	8.626	0	1410861	N.D.	1.173 #
42)	L9 AR-1268-2	0.000	8.626	0	1410861	N.D.	1.267 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112119\
 Data File : PQ045314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 11:02
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

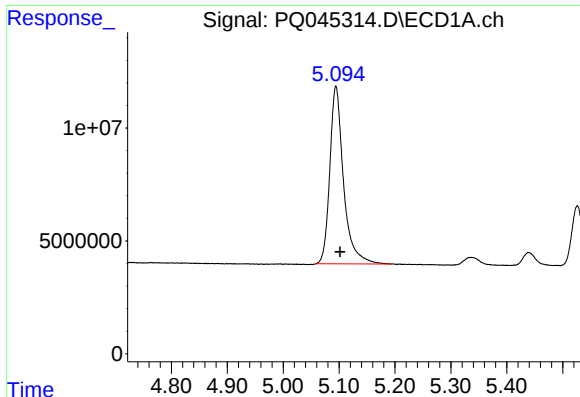
Instrument :
 ECD_Q
 ClientSampleId :
 AR1242330

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 16:20:00 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
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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	0.000	8.834	0	1513087	N.D.	1.627 #
45) L9	AR-1268-5	0.000	9.448	0	2287605	N.D.	0.757 #

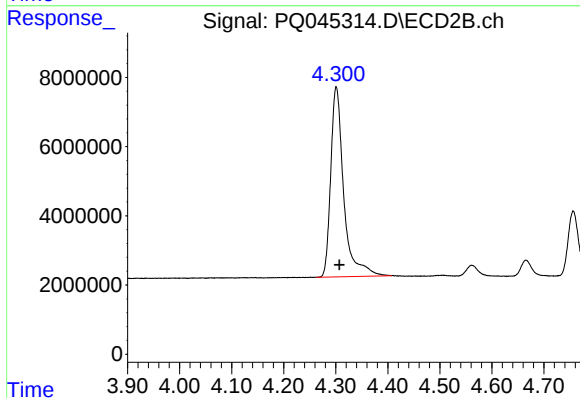
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

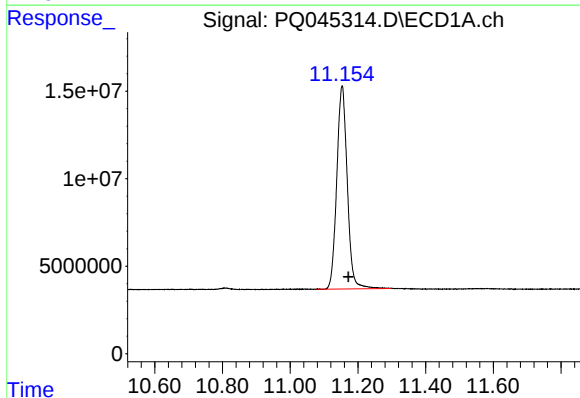
R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 134233975
Conc: 16.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



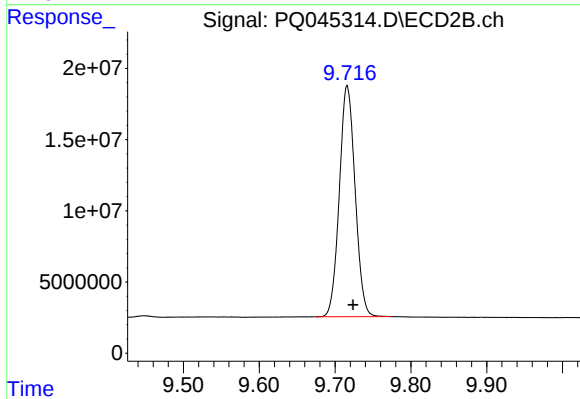
#1 Tetrachloro-m-xylene

R.T.: 4.301 min
Delta R.T.: -0.006 min
Response: 95191518
Conc: 20.19 ng/ml



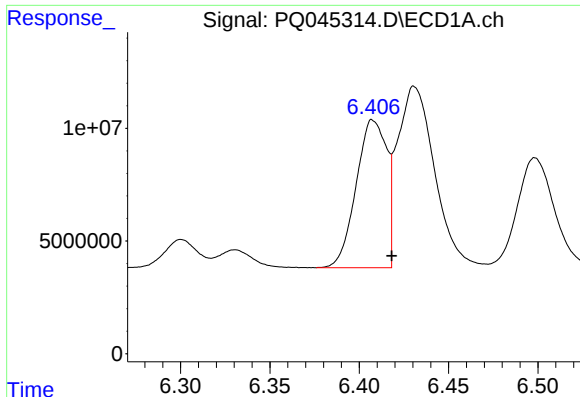
#2 Decachlorobiphenyl

R.T.: 11.154 min
Delta R.T.: -0.018 min
Response: 250291196
Conc: 36.14 ng/ml



#2 Decachlorobiphenyl

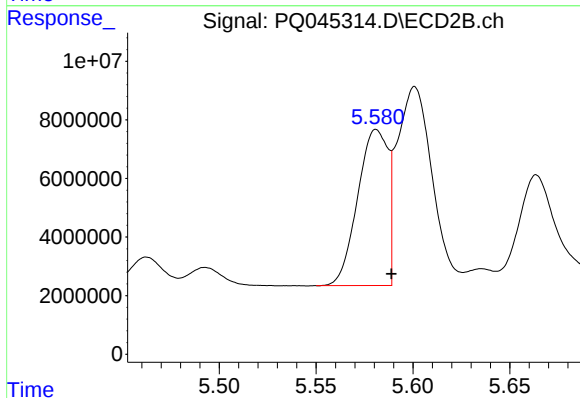
R.T.: 9.716 min
Delta R.T.: -0.008 min
Response: 234293703
Conc: 34.53 ng/ml



#3 AR-1016-1

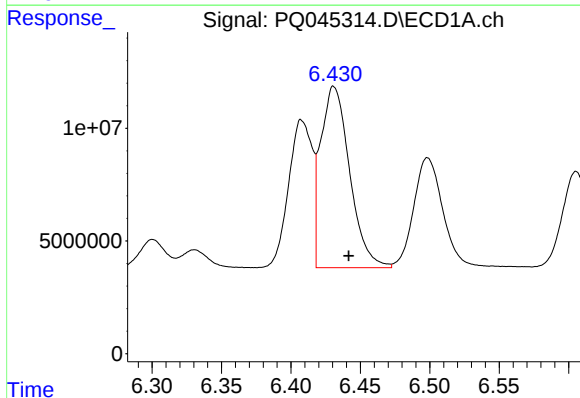
R.T.: 6.408 min
Delta R.T.: -0.010 min
Response: 77866584
Conc: 309.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



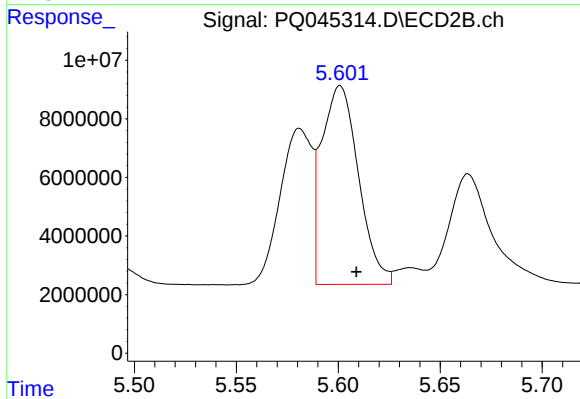
#3 AR-1016-1

R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 57909039
Conc: 314.42 ng/ml



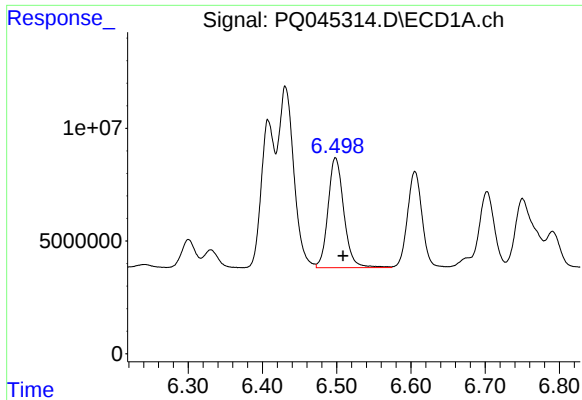
#4 AR-1016-2

R.T.: 6.431 min
Delta R.T.: -0.011 min
Response: 116709221
Conc: 308.64 ng/ml



#4 AR-1016-2

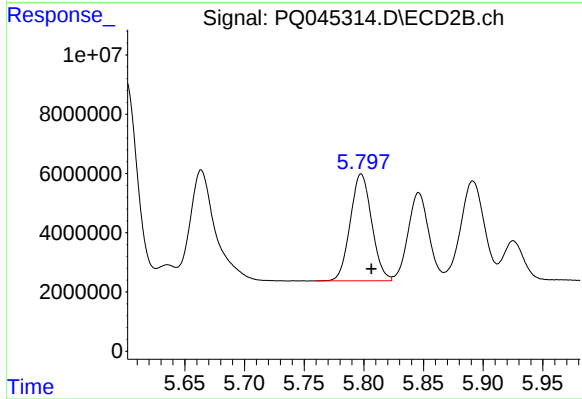
R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 85331173
Conc: 322.94 ng/ml



#5 AR-1016-3

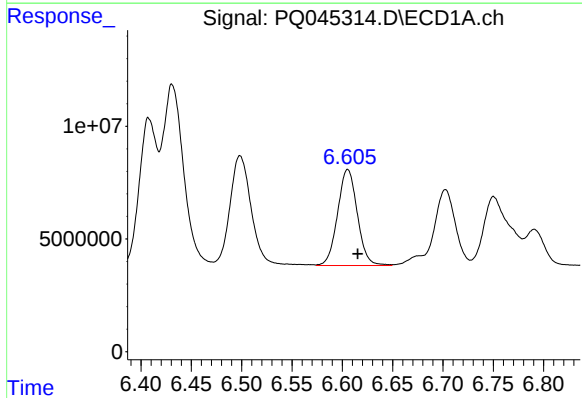
R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 72183514
Conc: 310.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



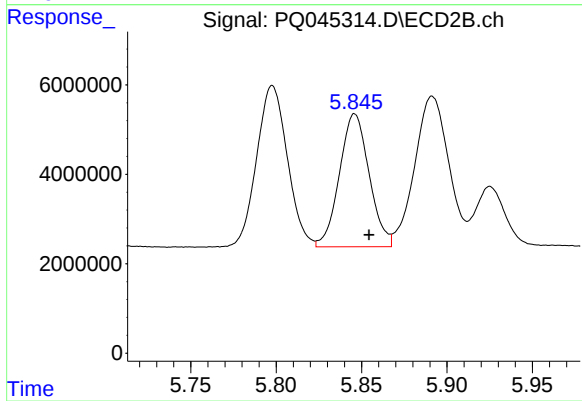
#5 AR-1016-3

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 45201672
Conc: 350.25 ng/ml



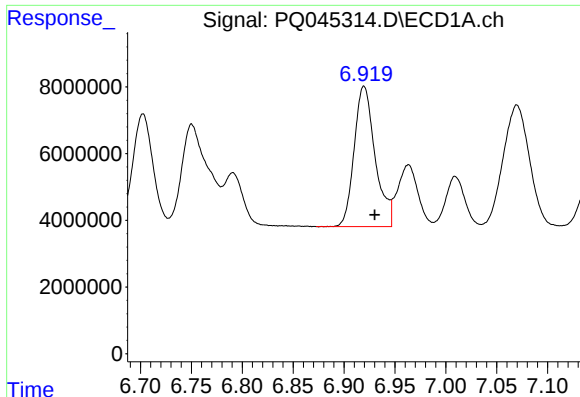
#6 AR-1016-4

R.T.: 6.605 min
Delta R.T.: -0.010 min
Response: 58286086
Conc: 307.85 ng/ml



#6 AR-1016-4

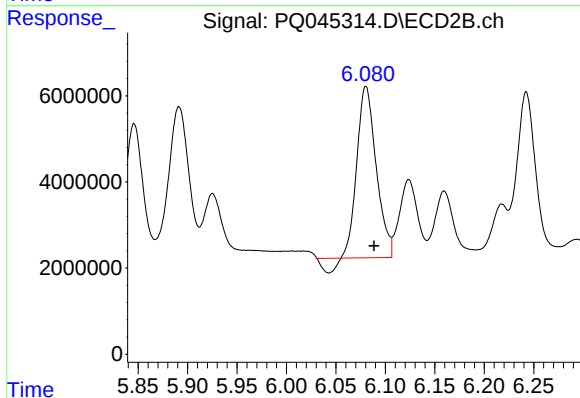
R.T.: 5.846 min
Delta R.T.: -0.008 min
Response: 36035566
Conc: 331.85 ng/ml



#7 AR-1016-5

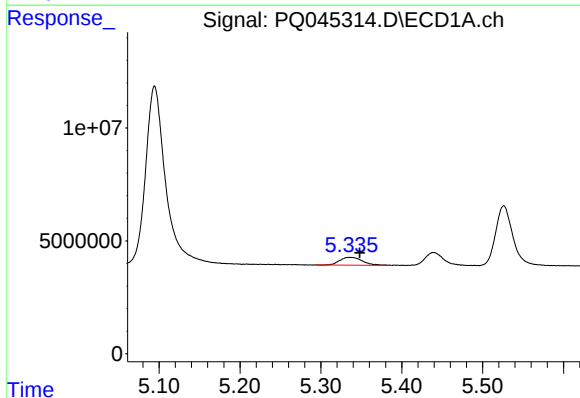
R.T.: 6.920 min
Delta R.T.: -0.011 min
Response: 60459884
Conc: 309.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



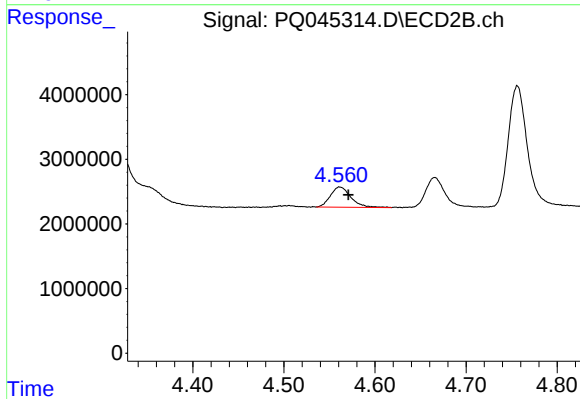
#7 AR-1016-5

R.T.: 6.080 min
Delta R.T.: -0.008 min
Response: 52150317
Conc: 341.34 ng/ml



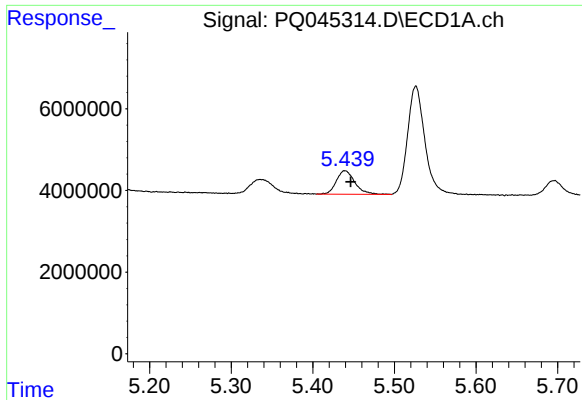
#8 AR-1221-1

R.T.: 5.335 min
Delta R.T.: -0.013 min
Response: 6763834
Conc: 81.62 ng/ml



#8 AR-1221-1

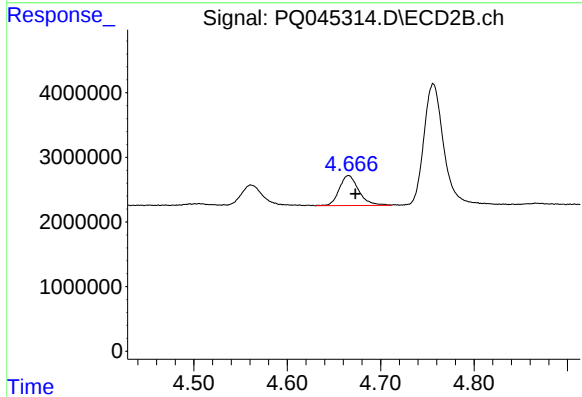
R.T.: 4.561 min
Delta R.T.: -0.010 min
Response: 4883673
Conc: 91.05 ng/ml



#9 AR-1221-2

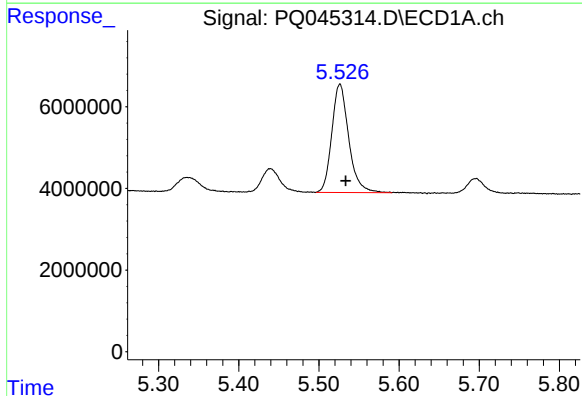
R.T.: 5.440 min
Delta R.T.: -0.007 min
Response: 9107588
Conc: 155.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



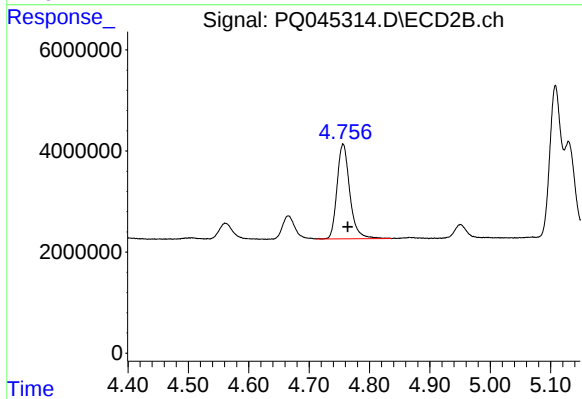
#9 AR-1221-2

R.T.: 4.666 min
Delta R.T.: -0.007 min
Response: 6710078
Conc: 169.96 ng/ml



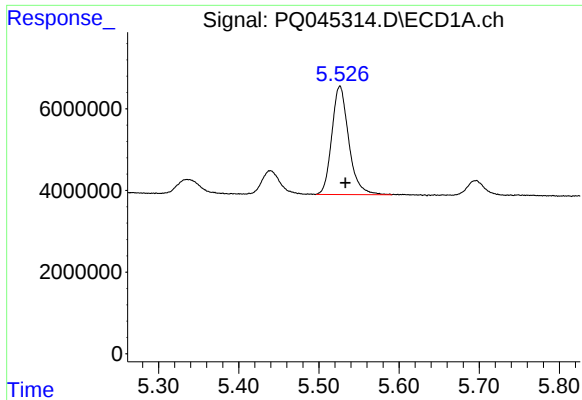
#10 AR-1221-3

R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 38938783
Conc: 198.42 ng/ml



#10 AR-1221-3

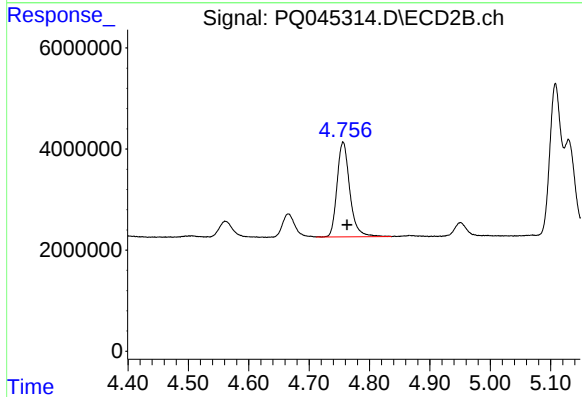
R.T.: 4.756 min
Delta R.T.: -0.008 min
Response: 27593972
Conc: 211.10 ng/ml



#11 AR-1232-1

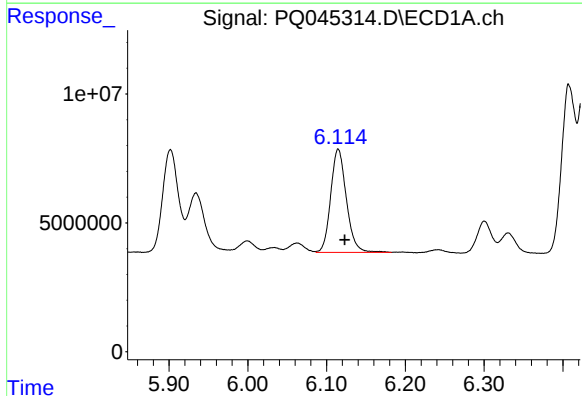
R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 38938783
Conc: 223.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



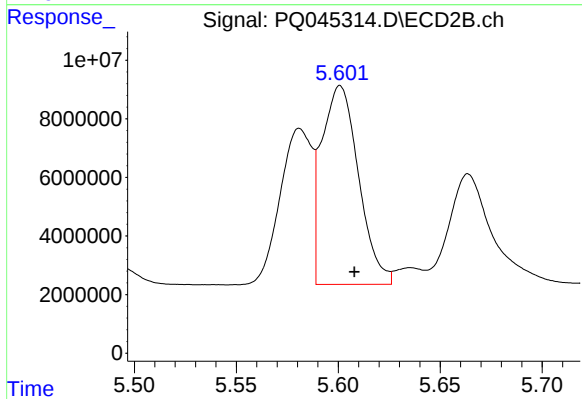
#11 AR-1232-1

R.T.: 4.756 min
Delta R.T.: -0.007 min
Response: 27593972
Conc: 239.24 ng/ml



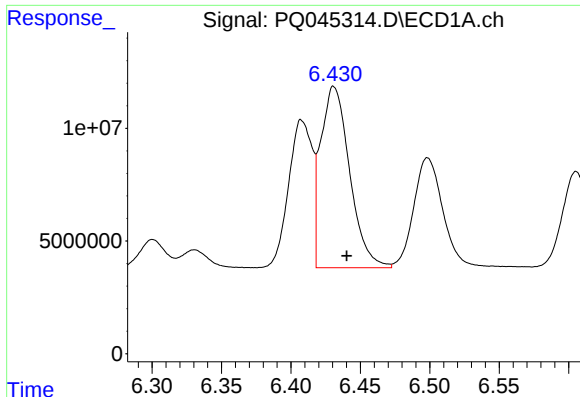
#12 AR-1232-2

R.T.: 6.115 min
Delta R.T.: -0.008 min
Response: 55512987
Conc: 618.96 ng/ml



#12 AR-1232-2

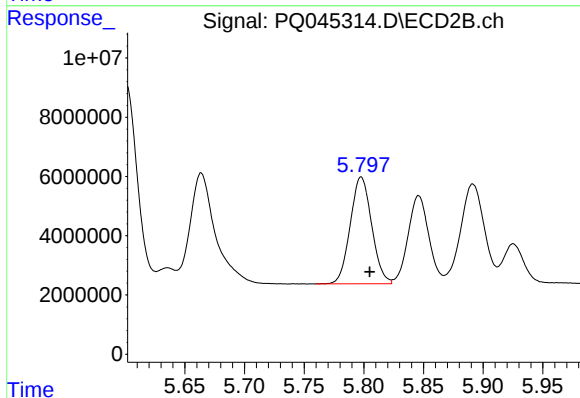
R.T.: 5.601 min
Delta R.T.: -0.007 min
Response: 85331173
Conc: 686.08 ng/ml



#13 AR-1232-3

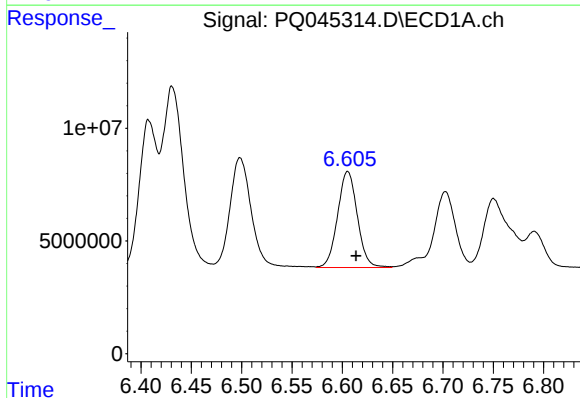
R.T.: 6.431 min
Delta R.T.: -0.009 min
Response: 116709221
Conc: 661.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



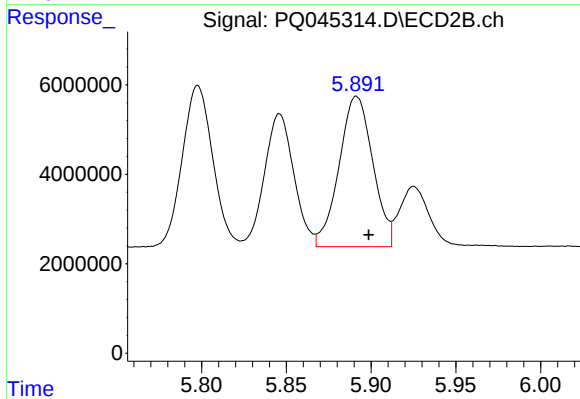
#13 AR-1232-3

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 45201672
Conc: 763.29 ng/ml



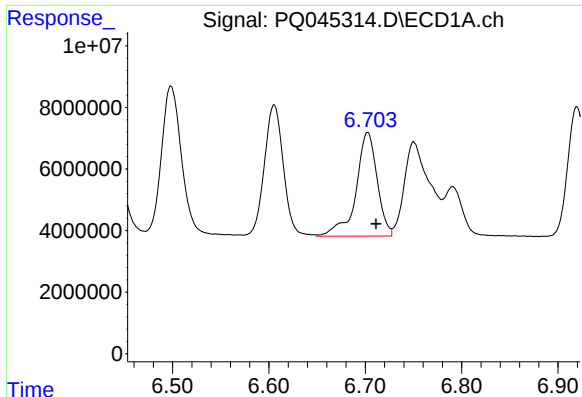
#14 AR-1232-4

R.T.: 6.605 min
Delta R.T.: -0.008 min
Response: 58286086
Conc: 658.79 ng/ml



#14 AR-1232-4

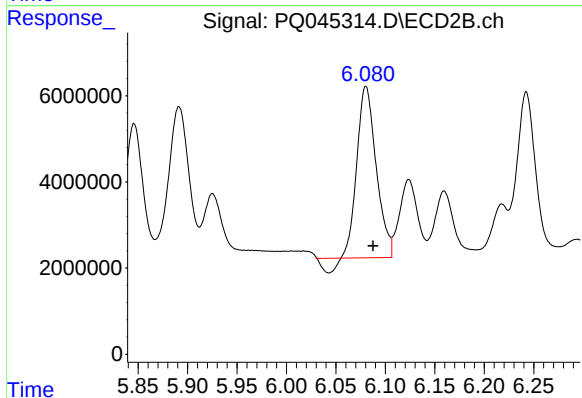
R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 46574368
Conc: 774.76 ng/ml



#15 AR-1232-5

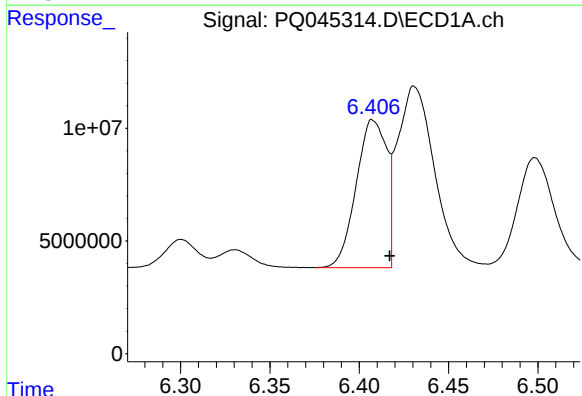
R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 51656027
Conc: 778.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



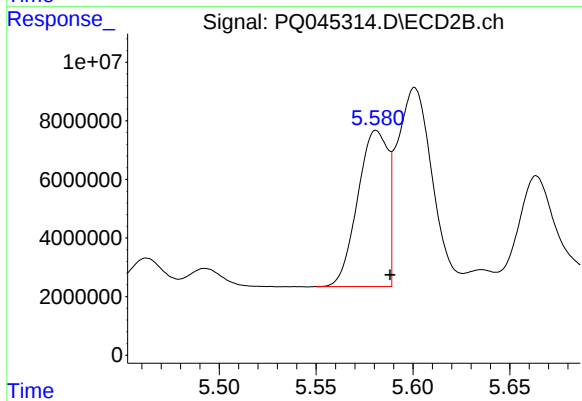
#15 AR-1232-5

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 52150317
Conc: 716.02 ng/ml



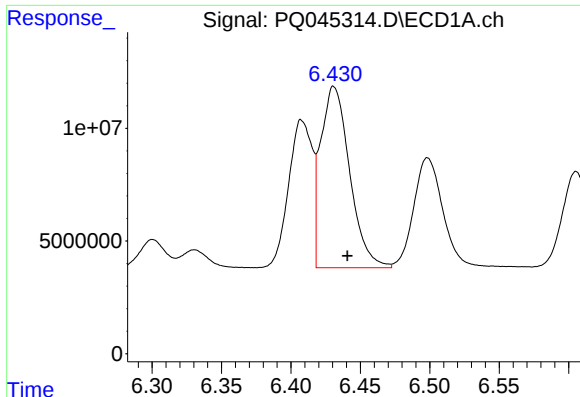
#16 AR-1242-1

R.T.: 6.408 min
Delta R.T.: -0.009 min
Response: 77866584
Conc: 362.26 ng/ml



#16 AR-1242-1

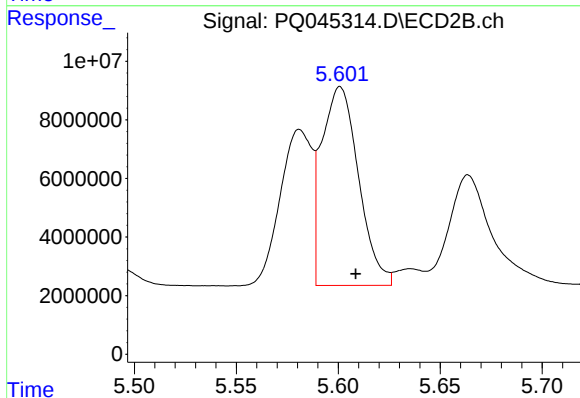
R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 57909039
Conc: 369.35 ng/ml



#17 AR-1242-2

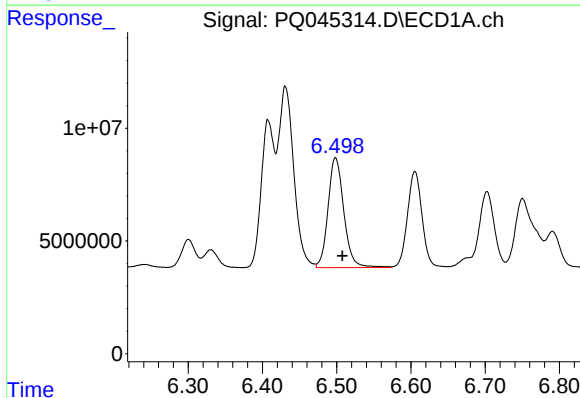
R.T.: 6.431 min
Delta R.T.: -0.010 min
Response: 116709221
Conc: 362.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



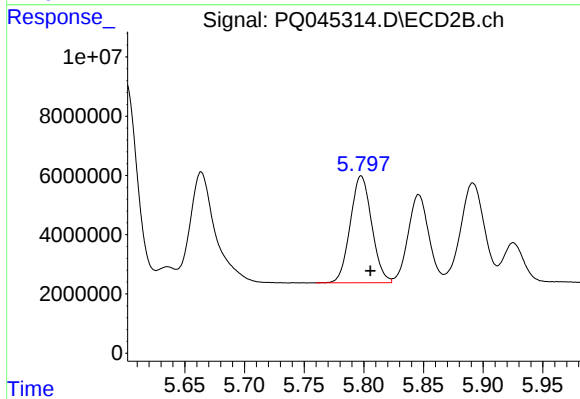
#17 AR-1242-2

R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 85331173
Conc: 381.38 ng/ml



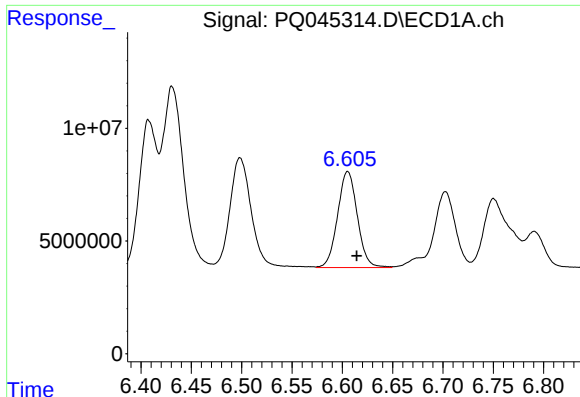
#18 AR-1242-3

R.T.: 6.498 min
Delta R.T.: -0.009 min
Response: 72183514
Conc: 363.80 ng/ml



#18 AR-1242-3

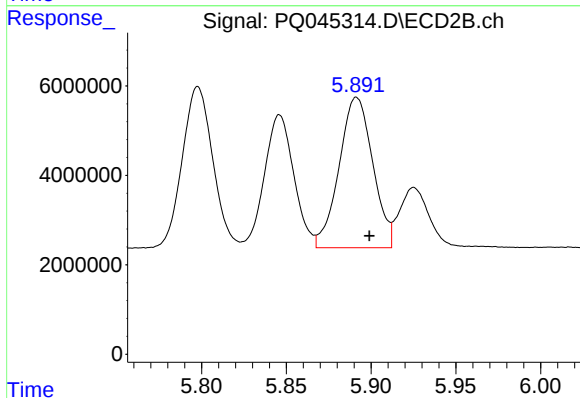
R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 45201672
Conc: 406.69 ng/ml



#19 AR-1242-4

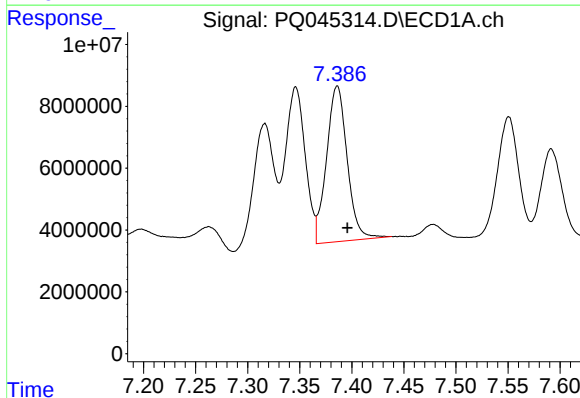
R.T.: 6.605 min
Delta R.T.: -0.009 min
Response: 58286086
Conc: 361.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



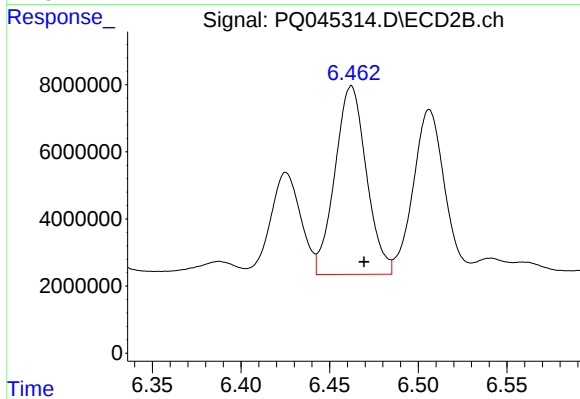
#19 AR-1242-4

R.T.: 5.891 min
Delta R.T.: -0.008 min
Response: 46574368
Conc: 390.58 ng/ml



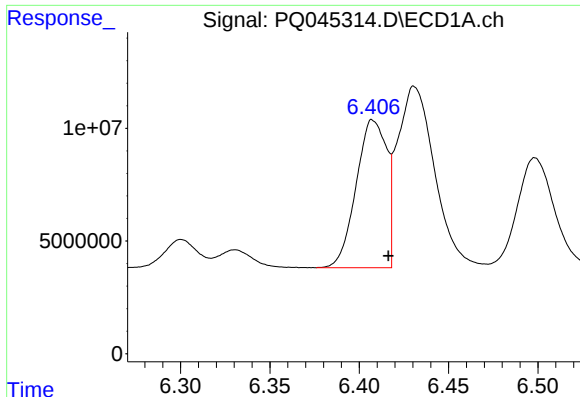
#20 AR-1242-5

R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 69391572
Conc: 383.45 ng/ml



#20 AR-1242-5

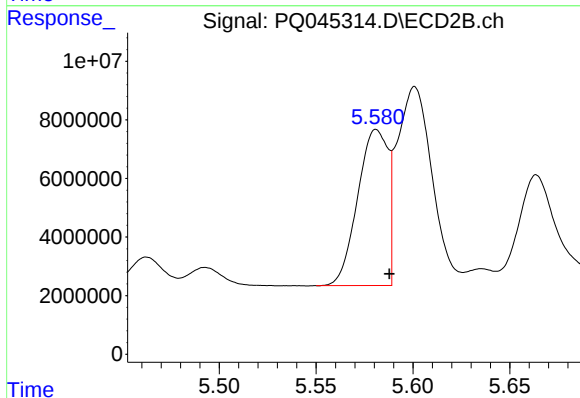
R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 69459871
Conc: 423.01 ng/ml



#21 AR-1248-1

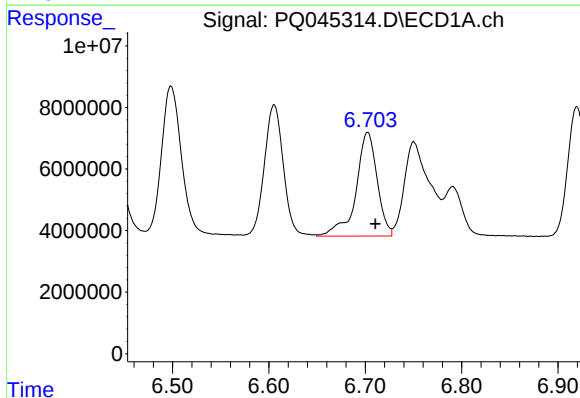
R.T.: 6.408 min
Delta R.T.: -0.009 min
Response: 77866584
Conc: 462.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



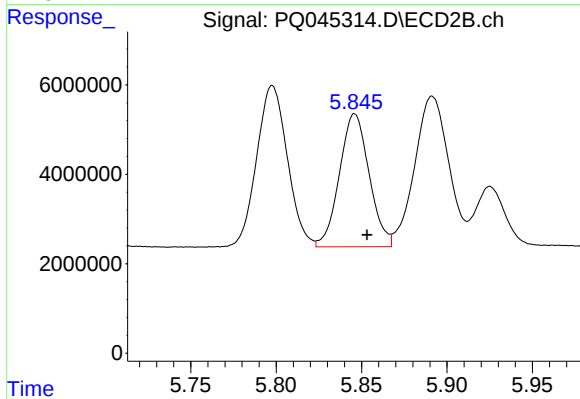
#21 AR-1248-1

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 57909039
Conc: 465.31 ng/ml



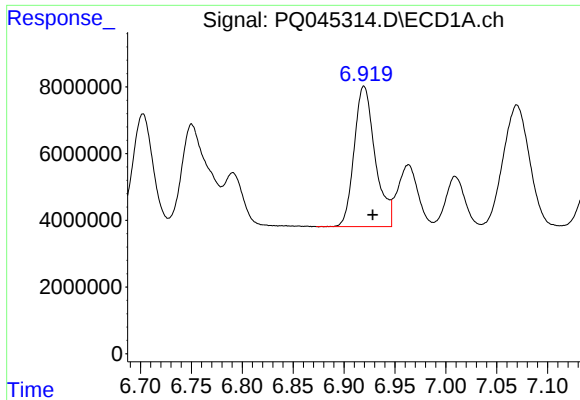
#22 AR-1248-2

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 51656027
Conc: 210.90 ng/ml



#22 AR-1248-2

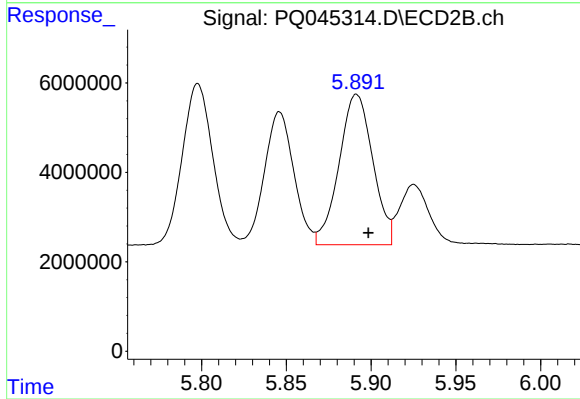
R.T.: 5.846 min
Delta R.T.: -0.007 min
Response: 36035566
Conc: 211.69 ng/ml



#23 AR-1248-3

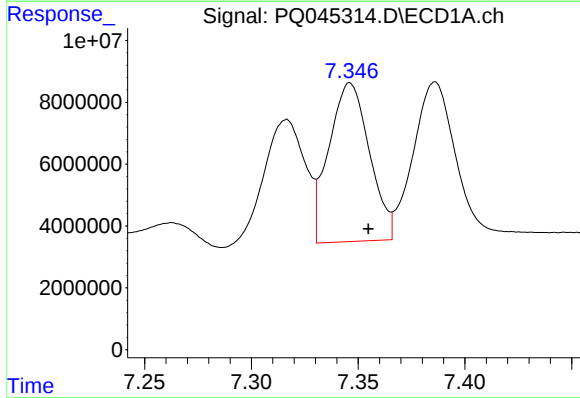
R.T.: 6.920 min
Delta R.T.: -0.009 min
Response: 60459884
Conc: 222.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



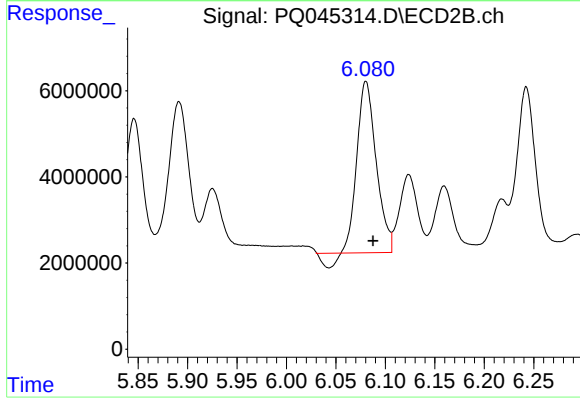
#23 AR-1248-3

R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 46574368
Conc: 260.42 ng/ml



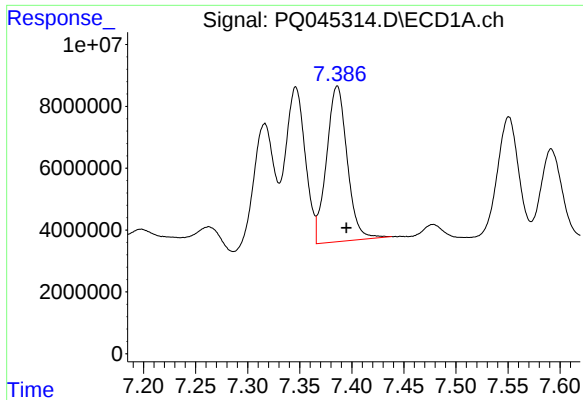
#24 AR-1248-4

R.T.: 7.346 min
Delta R.T.: -0.009 min
Response: 67899107
Conc: 224.19 ng/ml



#24 AR-1248-4

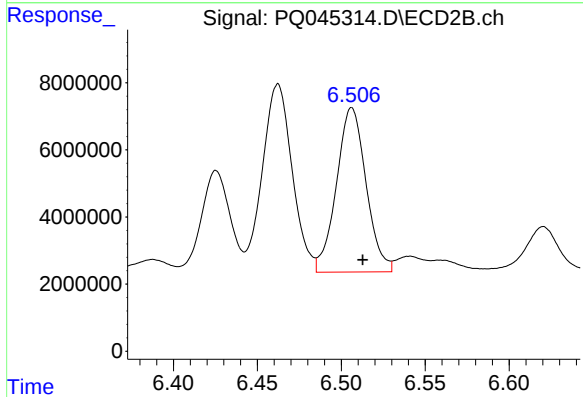
R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 52150317
Conc: 239.58 ng/ml



#25 AR-1248-5

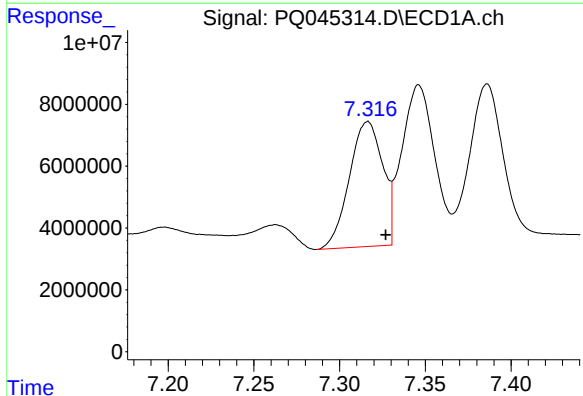
R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 69391572
Conc: 242.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



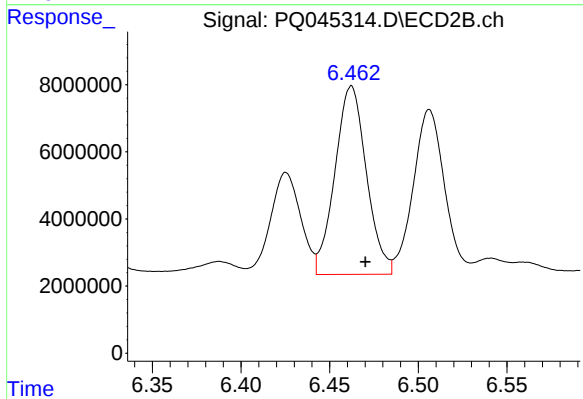
#25 AR-1248-5

R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 60143429
Conc: 269.72 ng/ml



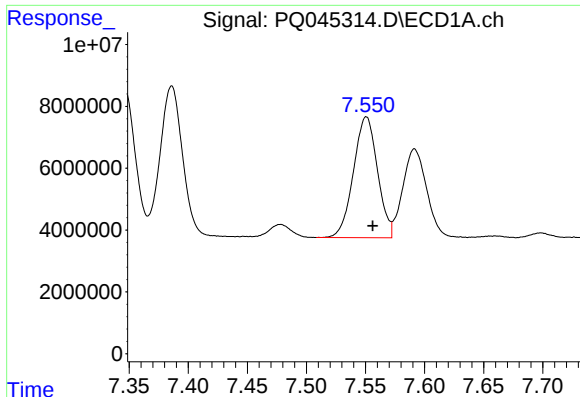
#26 AR-1254-1

R.T.: 7.316 min
Delta R.T.: -0.011 min
Response: 54744051
Conc: 169.19 ng/ml



#26 AR-1254-1

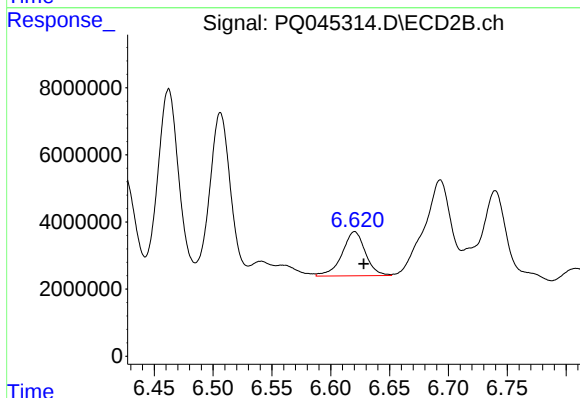
R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 69459871
Conc: 190.94 ng/ml



#27 AR-1254-2

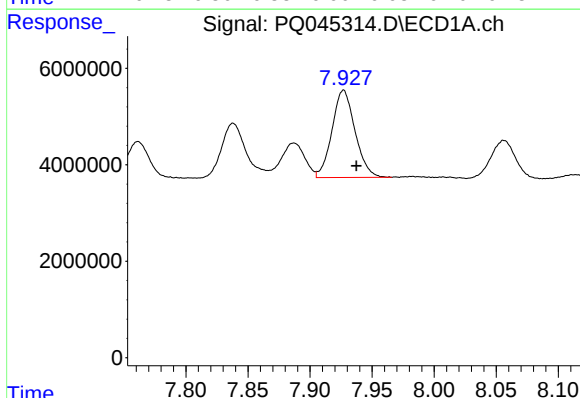
R.T.: 7.551 min
Delta R.T.: -0.005 min
Response: 55378337
Conc: 111.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



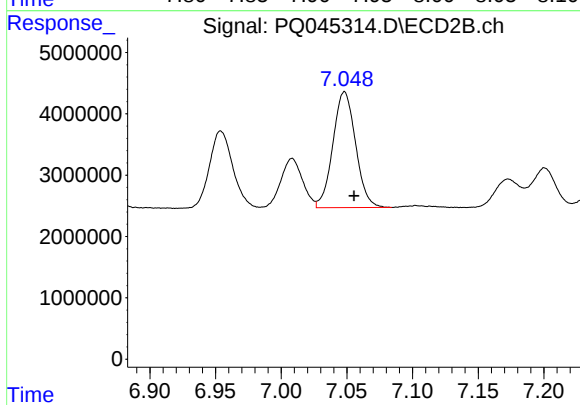
#27 AR-1254-2

R.T.: 6.620 min
Delta R.T.: -0.008 min
Response: 18289736
Conc: 56.79 ng/ml



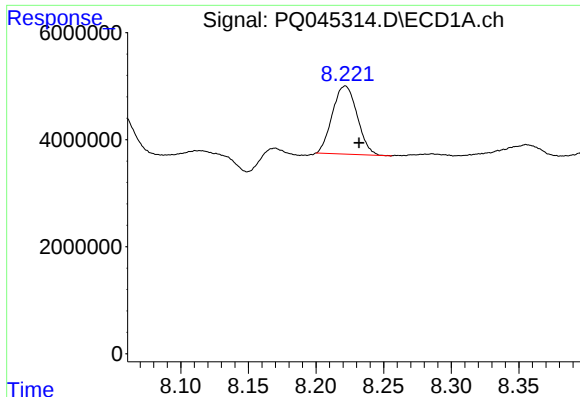
#28 AR-1254-3

R.T.: 7.927 min
Delta R.T.: -0.010 min
Response: 23430048
Conc: 44.02 ng/ml



#28 AR-1254-3

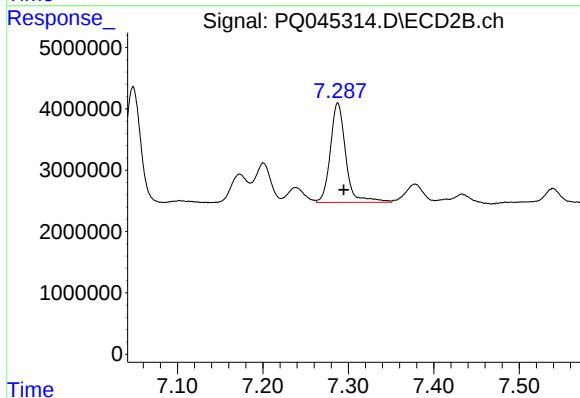
R.T.: 7.048 min
Delta R.T.: -0.007 min
Response: 22772073
Conc: 41.05 ng/ml



#29 AR-1254-4

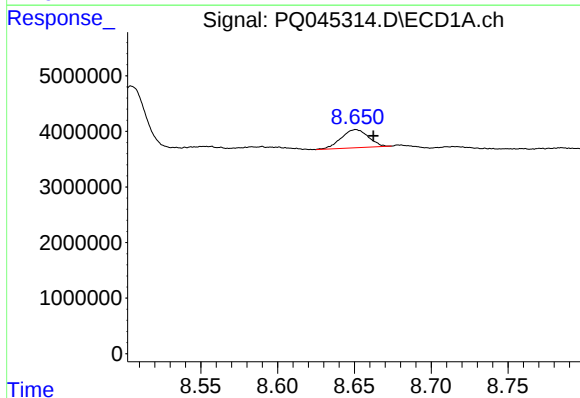
R.T.: 8.222 min
Delta R.T.: -0.010 min
Response: 16248756
Conc: 42.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



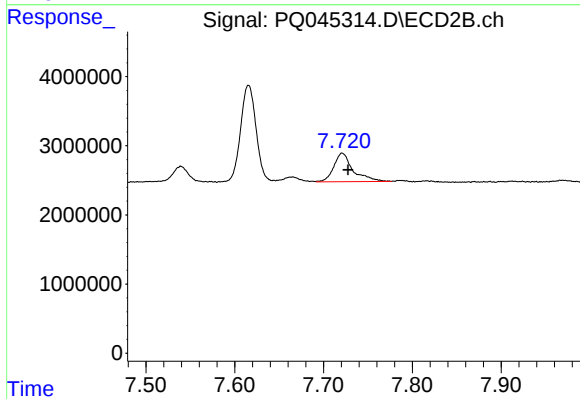
#29 AR-1254-4

R.T.: 7.288 min
Delta R.T.: -0.007 min
Response: 20239546
Conc: 56.63 ng/ml



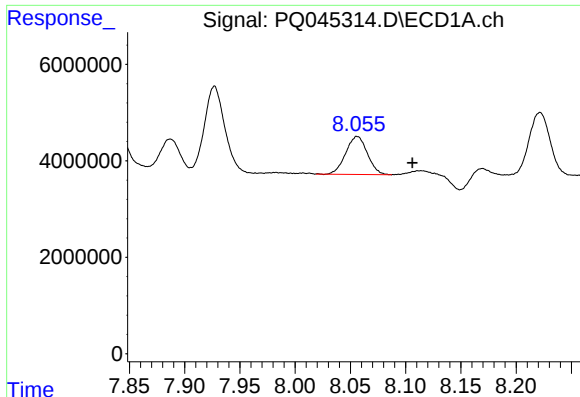
#30 AR-1254-5

R.T.: 8.651 min
Delta R.T.: -0.011 min
Response: 4026438
Conc: 9.32 ng/ml



#30 AR-1254-5

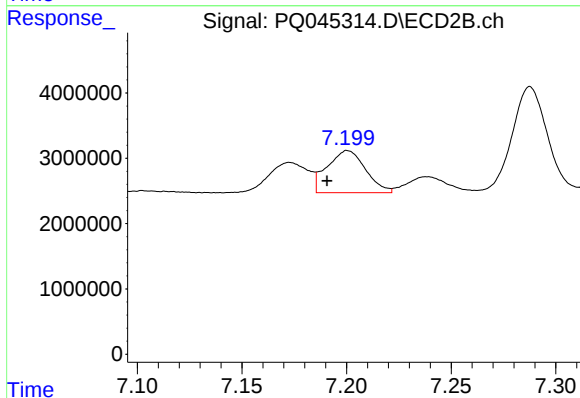
R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 6211476
Conc: 12.42 ng/ml



#31 AR-1260-1

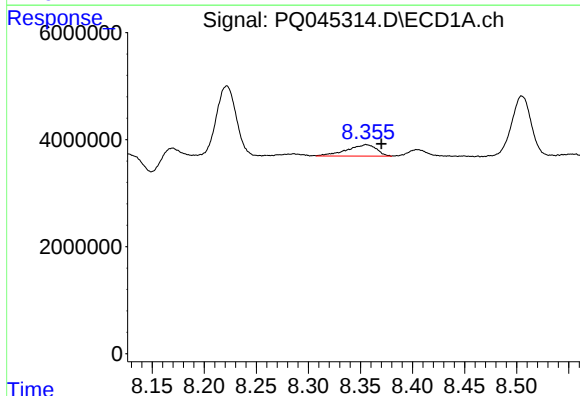
R.T.: 8.056 min
Delta R.T.: -0.050 min
Response: 10767501
Conc: 34.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242330



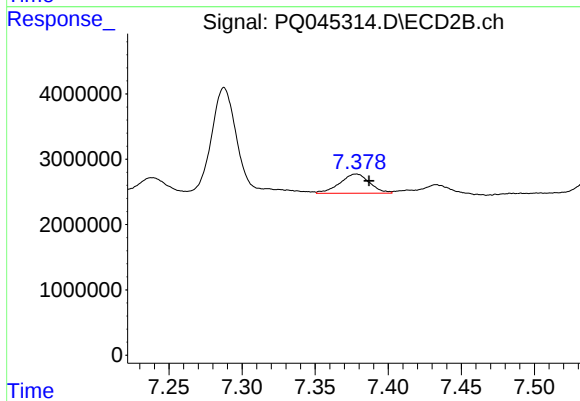
#31 AR-1260-1

R.T.: 7.201 min
Delta R.T.: 0.010 min
Response: 8249623
Conc: 26.93 ng/ml



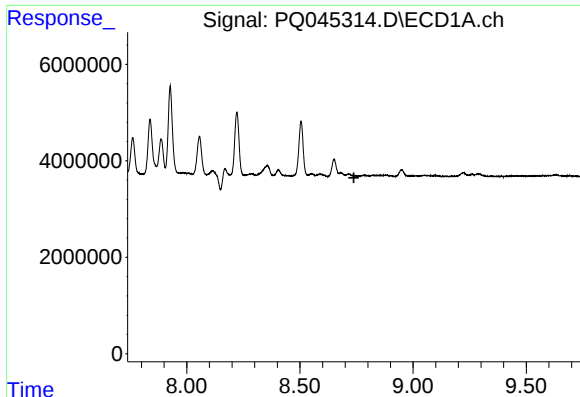
#32 AR-1260-2

R.T.: 8.356 min
Delta R.T.: -0.015 min
Response: 4247876
Conc: 10.37 ng/ml



#32 AR-1260-2

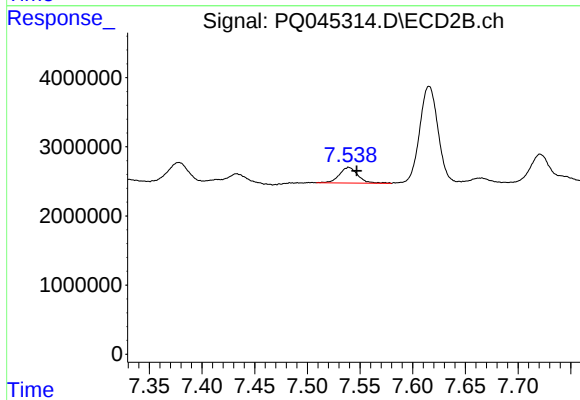
R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 4204084
Conc: 10.65 ng/ml



#33 AR-1260-3

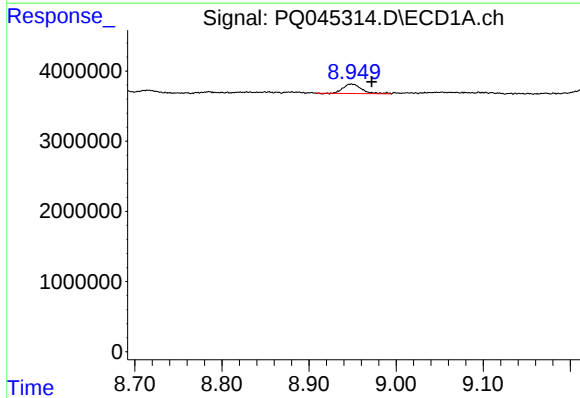
R.T.: 0.000 min
Exp R.T.: 8.739 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



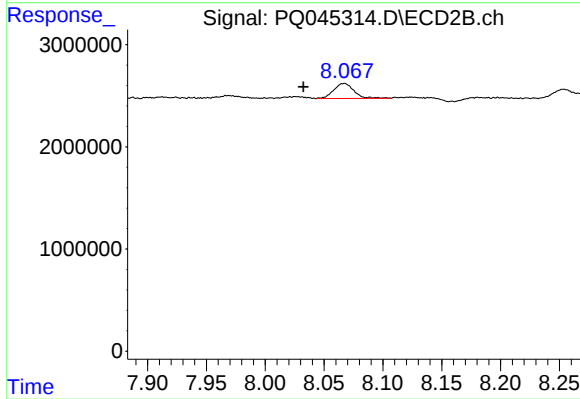
#33 AR-1260-3

R.T.: 7.539 min
Delta R.T.: -0.008 min
Response: 2808422
Conc: 8.20 ng/ml



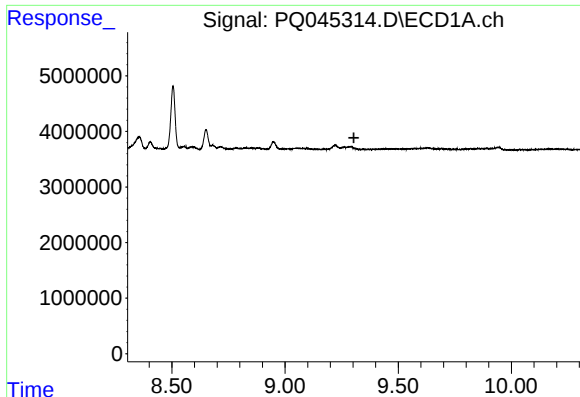
#34 AR-1260-4

R.T.: 8.949 min
Delta R.T.: -0.023 min
Response: 2019085
Conc: 5.31 ng/ml



#34 AR-1260-4

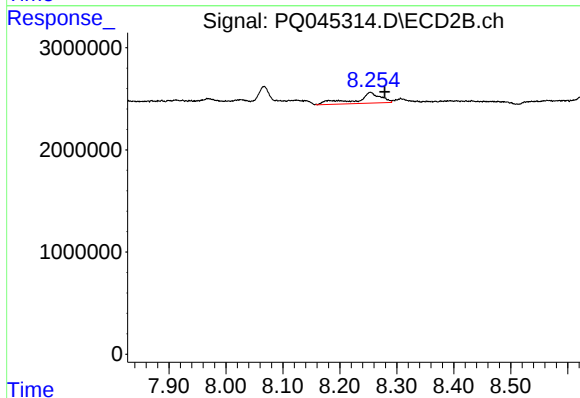
R.T.: 8.067 min
Delta R.T.: 0.035 min
Response: 1773367
Conc: 5.78 ng/ml



#35 AR-1260-5

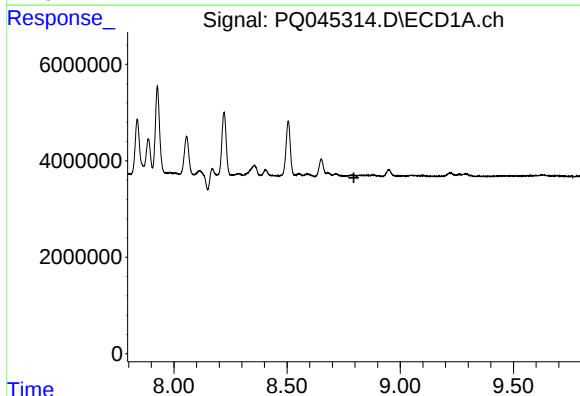
R.T.: 0.000 min
Exp R.T.: 9.304 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



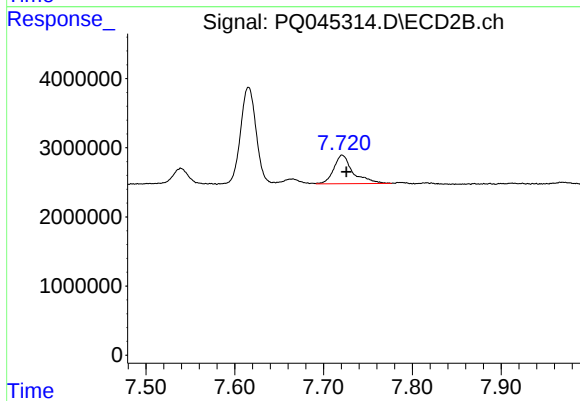
#35 AR-1260-5

R.T.: 8.254 min
Delta R.T.: -0.025 min
Response: 3175264
Conc: 4.06 ng/ml



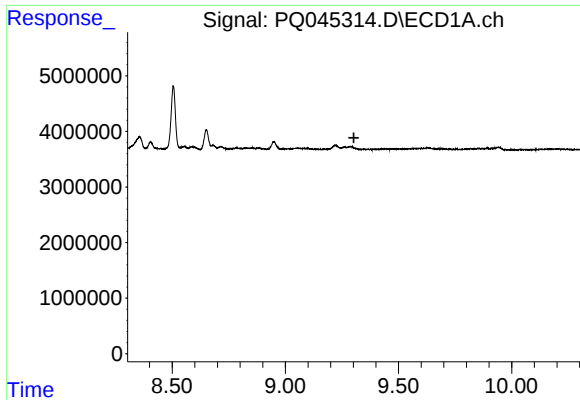
#36 AR-1262-1

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



#36 AR-1262-1

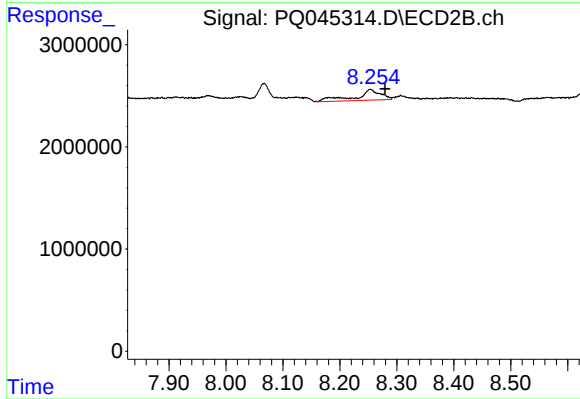
R.T.: 7.721 min
Delta R.T.: -0.005 min
Response: 6211476
Conc: 24.54 ng/ml



#37 AR-1262-2

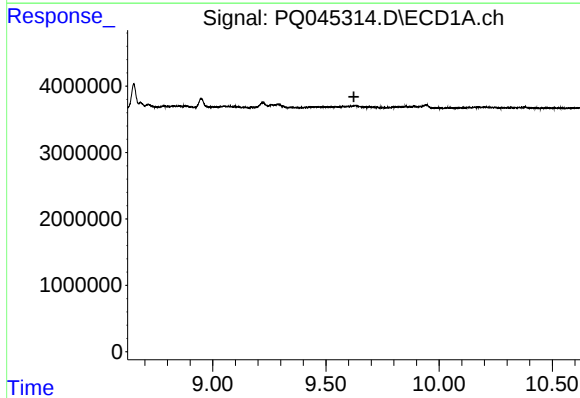
R.T.: 0.000 min
Exp R.T.: 9.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



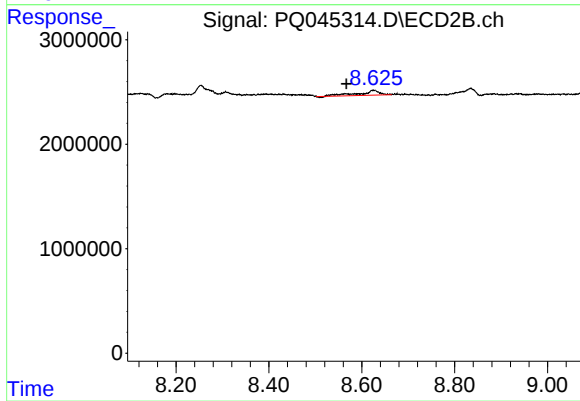
#37 AR-1262-2

R.T.: 8.254 min
Delta R.T.: -0.026 min
Response: 3175264
Conc: 3.22 ng/ml



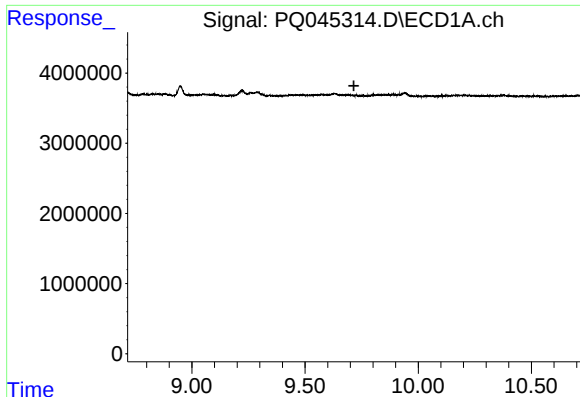
#38 AR-1262-3

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



#38 AR-1262-3

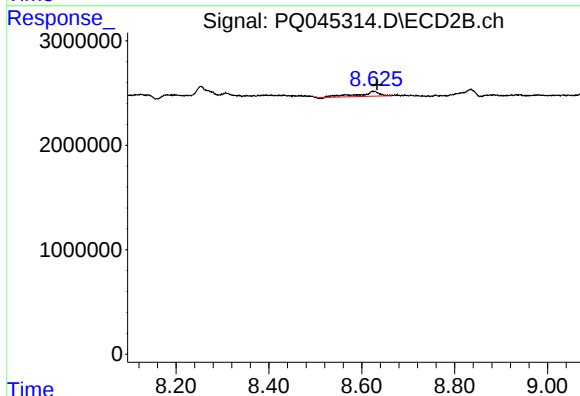
R.T.: 8.626 min
Delta R.T.: 0.059 min
Response: 1410861
Conc: 3.66 ng/ml



#39 AR-1262-4

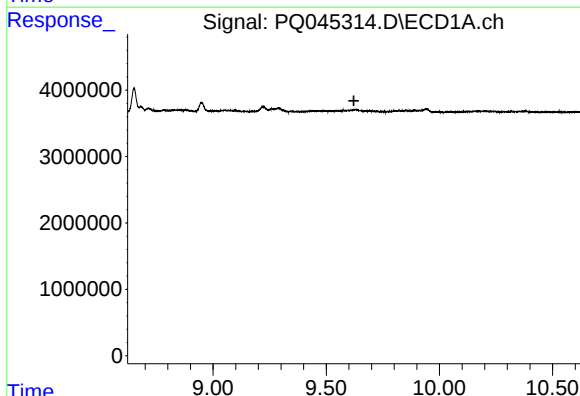
R.T.: 0.000 min
Exp R.T.: 9.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



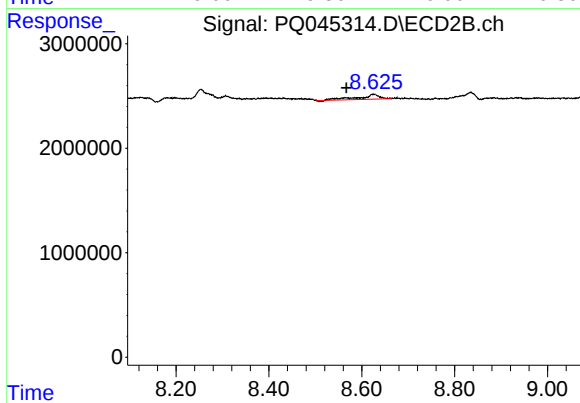
#39 AR-1262-4

R.T.: 8.626 min
Delta R.T.: -0.007 min
Response: 1410861
Conc: 1.92 ng/ml



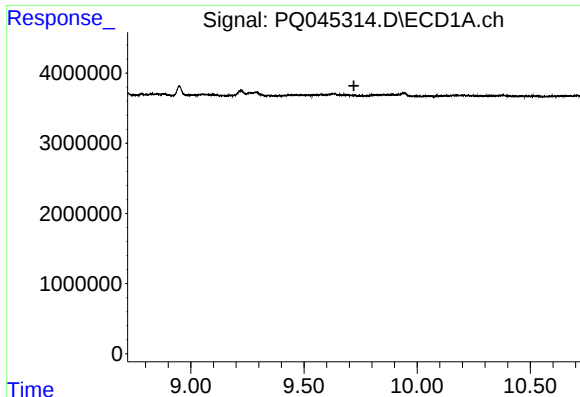
#41 AR-1268-1

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



#41 AR-1268-1

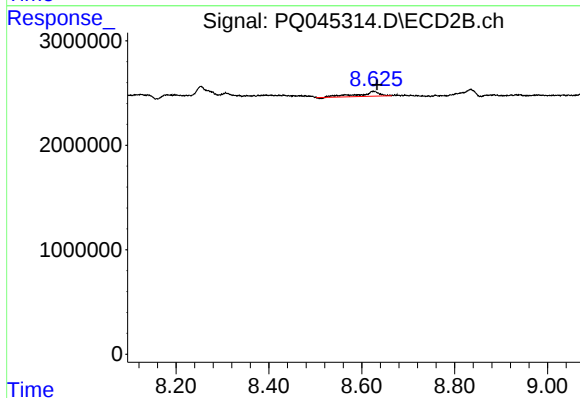
R.T.: 8.626 min
Delta R.T.: 0.059 min
Response: 1410861
Conc: 1.17 ng/ml



#42 AR-1268-2

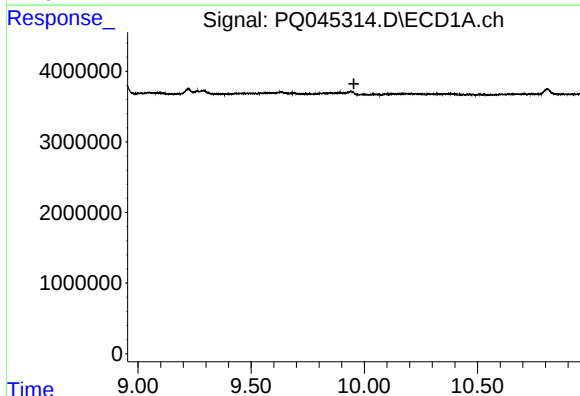
R.T.: 0.000 min
Exp R.T.: 9.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1242330



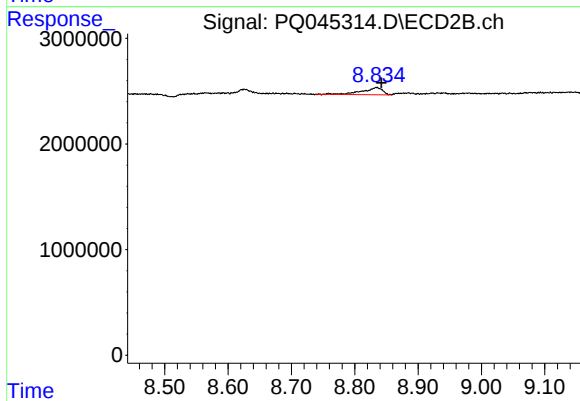
#42 AR-1268-2

R.T.: 8.626 min
Delta R.T.: -0.007 min
Response: 1410861
Conc: 1.27 ng/ml



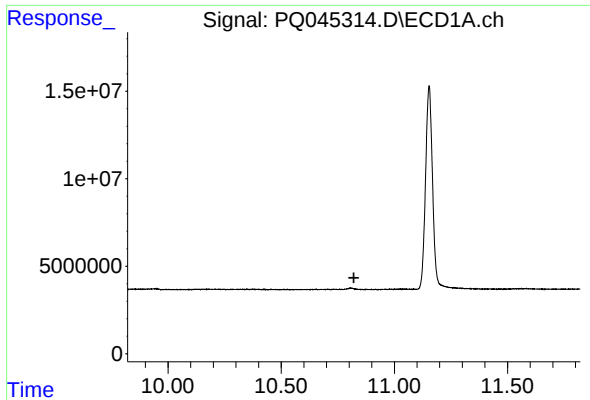
#43 AR-1268-3

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



#43 AR-1268-3

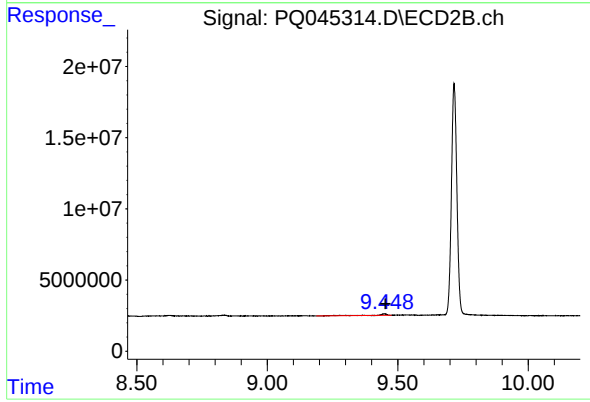
R.T.: 8.834 min
Delta R.T.: -0.008 min
Response: 1513087
Conc: 1.63 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :
AR1242330



#45 AR-1268-5

R.T.: 9.448 min
Delta R.T.: -0.005 min
Response: 2287605
Conc: 0.76 ng/ml