

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082520\
 Data File : PQ049547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2020 16:23
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 02:39:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 20 06:27:32 2020
 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...	5.275	4.300	103.9E6	52743451	19.084	14.881
2)	SA Decachlor...	11.521	9.667	373.5E6	233.4E6	38.607	41.255
Target Compounds							
3)	L1 AR-1016-1	6.608	5.564	77296554	55289641	339.975	328.752
4)	L1 AR-1016-2	6.608	5.584	77296554	76780106	243.217	334.832 #
5)	L1 AR-1016-3	6.699	5.777	70441288	40078024	355.154	335.679
6)	L1 AR-1016-4	6.771	5.827	290269	29624185	1.772	334.451 #
7)	L1 AR-1016-5	7.121	6.060	59049264	35136275	354.878	263.188 #
8)	L2 AR-1221-1	5.523	4.556	-1019799	2580481	N.D.	60.571 #
9)	L2 AR-1221-2	5.629	4.658	5266552	3648629	105.481	114.674
10)	L2 AR-1221-3	0.000	4.748	0	19315601	N.D.	180.904 #
11)	L3 AR-1232-1	0.000	4.748	0	19315601	N.D.	237.277 #
12)	L3 AR-1232-2	6.312	5.584	49889237	76780106	745.571	793.331
13)	L3 AR-1232-3	6.608	5.777	77296554	40078024	537.080	817.739 #
14)	L3 AR-1232-4	6.771	5.873	290269	38745595	4.005	884.432 #
15)	L3 AR-1232-5	6.901	6.060	51147517	35136275	955.579	693.080 #
16)	L4 AR-1242-1	6.608	5.564	77296554	55289641	398.553	398.338
17)	L4 AR-1242-2	6.608	5.564	77296554	55289641	285.597	292.226
18)	L4 AR-1242-3	6.699	5.777	70441288	40078024	418.485	405.595
19)	L4 AR-1242-4	6.771	5.873	290269	38745595	2.054	407.507 #
20)	L4 AR-1242-5	7.552	6.439	16287537	36980301	90.288	258.702 #
21)	L5 AR-1248-1	6.608	5.564	77296554	55289641	521.745	520.246
22)	L5 AR-1248-2	6.901	5.827	51147517	29624185	249.282	227.459
23)	L5 AR-1248-3	7.121	5.873	59049264	38745595	253.197	284.351
24)	L5 AR-1248-4	7.520	6.060	49893748	35136275	165.691	197.996
25)	L5 AR-1248-5	7.552	6.481	16287537	7690996	57.596	40.186 #
26)	L6 AR-1254-1	7.520	6.439	49893748	36980301	167.176	120.790 #
27)	L6 AR-1254-2	7.748	6.597	51076182	37727691	106.255	134.172 #
28)	L6 AR-1254-3	8.136	7.000	28832557	20144271	55.035	42.255
29)	L6 AR-1254-4	8.433	7.257	25297378	14421837	57.200	42.477 #
30)	L6 AR-1254-5	8.862	7.688	202.1E6	167.3E6	435.305	372.465
31)	L7 AR-1260-1	8.301	7.156	53500953	110.5E6	151.774	381.526 #
32)	L7 AR-1260-2	8.566	7.352	163.7E6	163.0E6	361.906	422.423
33)	L7 AR-1260-3	8.894	7.509	24081862	133.0E6	61.679	409.740 #
34)	L7 AR-1260-4	9.143	7.993	26729352	124.8E6	63.192	427.471 #
35)	L7 AR-1260-5	9.534	8.239	358.7E6	352.7E6	365.665	443.827
36)	L8 AR-1262-1	8.894	7.688	24081862	167.3E6	39.972	701.373 #
37)	L8 AR-1262-2	9.534	8.239	358.7E6	352.7E6	302.930	373.066
38)	L8 AR-1262-3	9.868	8.498	98325565	5475784	171.070	14.088 #
39)	L8 AR-1262-4	9.954	8.591	173.5E6	247.2E6	257.063	360.860 #
40)	L8 AR-1262-5	10.702	9.099	135.6E6	96329067	260.875	290.196
41)	L9 AR-1268-1	9.868	8.498	98325565	5475784	61.932	4.610 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082520\
 Data File : PQ049547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2020 16:23
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

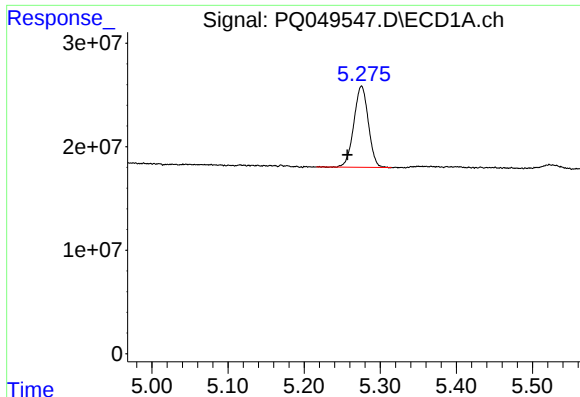
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 02:39:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 20 06:27:32 2020
 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	9.954	8.591	173.5E6	247.2E6	116.087	231.396 #
43) L9	AR-1268-3	10.218	8.803	19218821	7159955	14.483	7.949 #
44) L9	AR-1268-4	10.702	9.099	135.6E6	96329067	221.108	247.900
45) L9	AR-1268-5	11.152	9.401	46591801	24566627	11.262	9.124

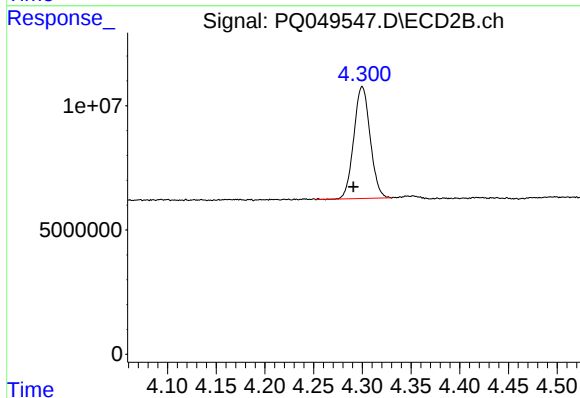
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

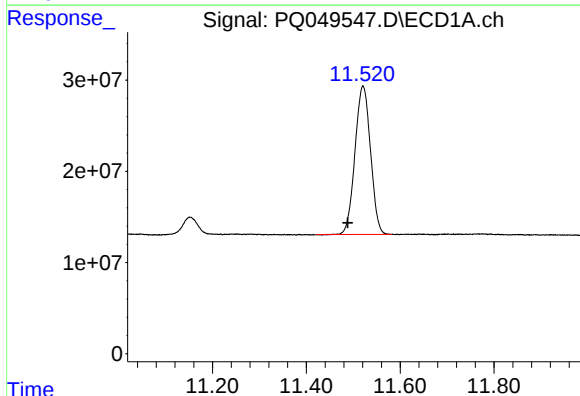
R.T.: 5.275 min
Delta R.T.: 0.018 min
Response: 103882970
Conc: 19.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



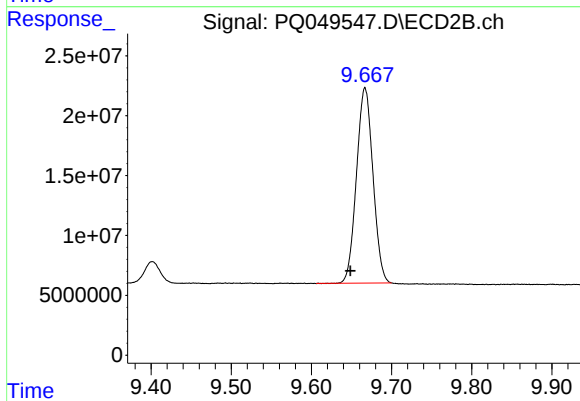
#1 Tetrachloro-m-xylene

R.T.: 4.300 min
Delta R.T.: 0.009 min
Response: 52743451
Conc: 14.88 ng/ml



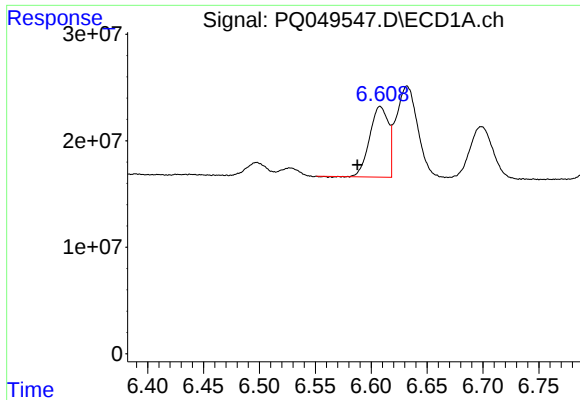
#2 Decachlorobiphenyl

R.T.: 11.521 min
Delta R.T.: 0.032 min
Response: 373495227
Conc: 38.61 ng/ml



#2 Decachlorobiphenyl

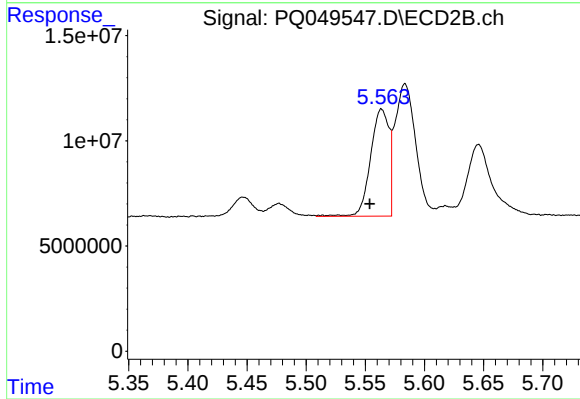
R.T.: 9.667 min
Delta R.T.: 0.018 min
Response: 233354635
Conc: 41.26 ng/ml



#3 AR-1016-1

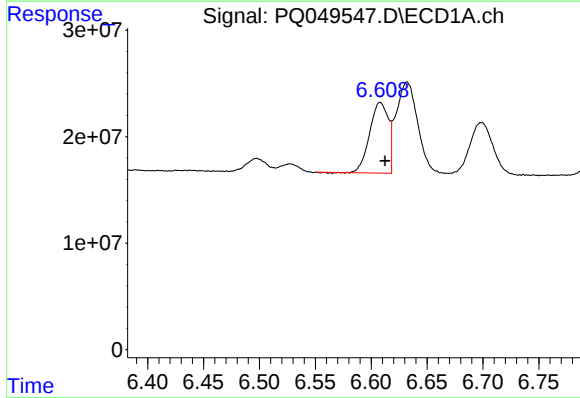
R.T.: 6.608 min
Delta R.T.: 0.020 min
Response: 77296554
Conc: 339.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



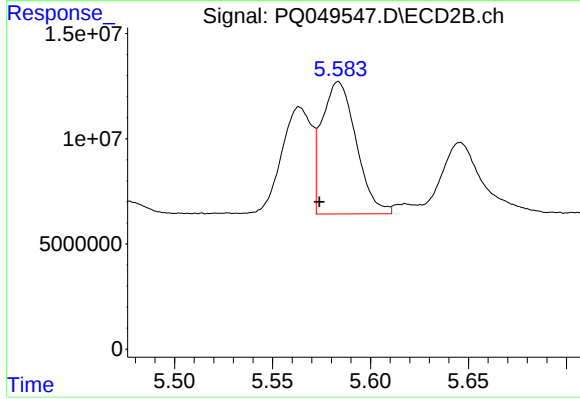
#3 AR-1016-1

R.T.: 5.564 min
Delta R.T.: 0.010 min
Response: 55289641
Conc: 328.75 ng/ml



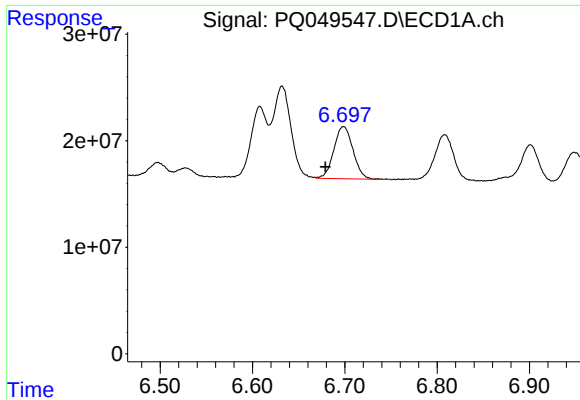
#4 AR-1016-2

R.T.: 6.608 min
Delta R.T.: -0.005 min
Response: 77296554
Conc: 243.22 ng/ml



#4 AR-1016-2

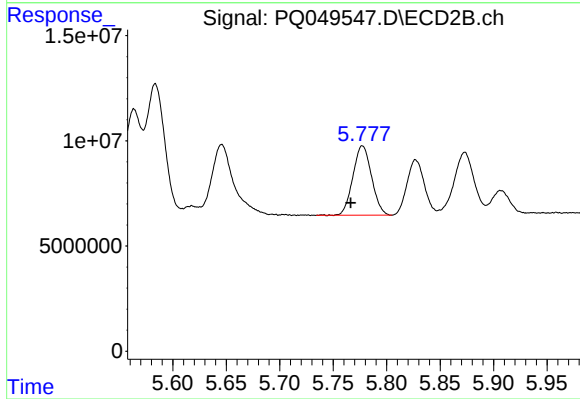
R.T.: 5.584 min
Delta R.T.: 0.010 min
Response: 76780106
Conc: 334.83 ng/ml



#5 AR-1016-3

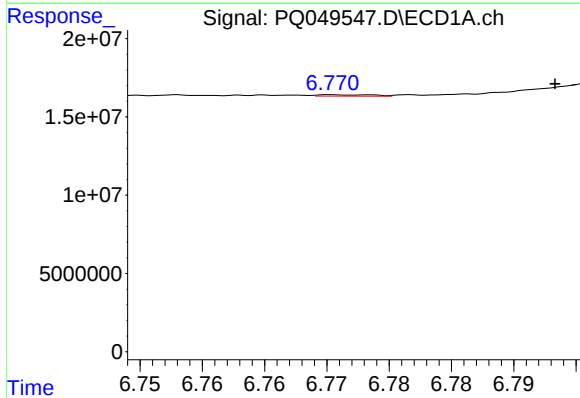
R.T.: 6.699 min
Delta R.T.: 0.020 min
Response: 70441288
Conc: 355.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



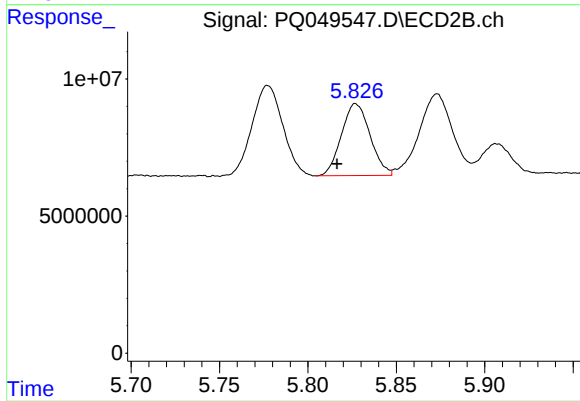
#5 AR-1016-3

R.T.: 5.777 min
Delta R.T.: 0.011 min
Response: 40078024
Conc: 335.68 ng/ml



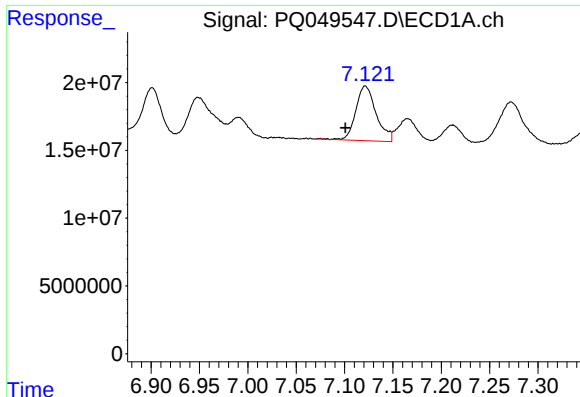
#6 AR-1016-4

R.T.: 6.771 min
Delta R.T.: -0.017 min
Response: 290269
Conc: 1.77 ng/ml



#6 AR-1016-4

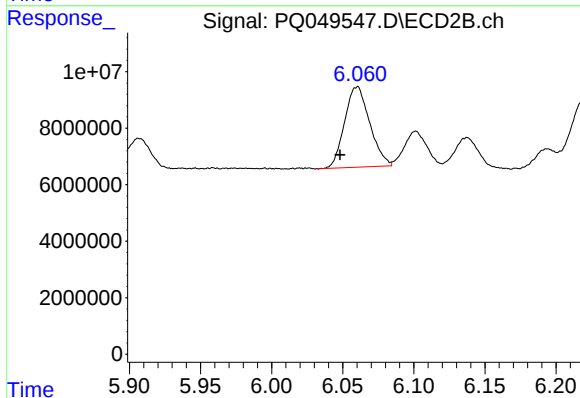
R.T.: 5.827 min
Delta R.T.: 0.011 min
Response: 29624185
Conc: 334.45 ng/ml



#7 AR-1016-5

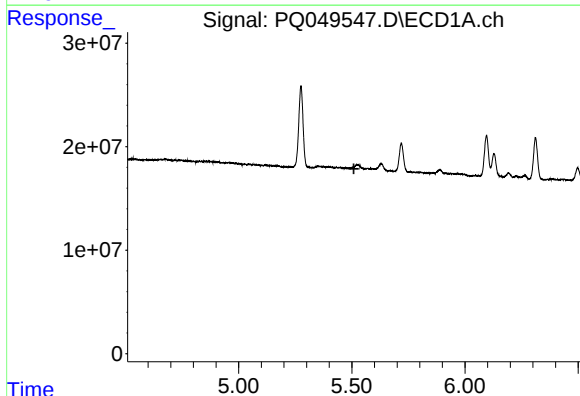
R.T.: 7.121 min
Delta R.T.: 0.021 min
Response: 59049264
Conc: 354.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



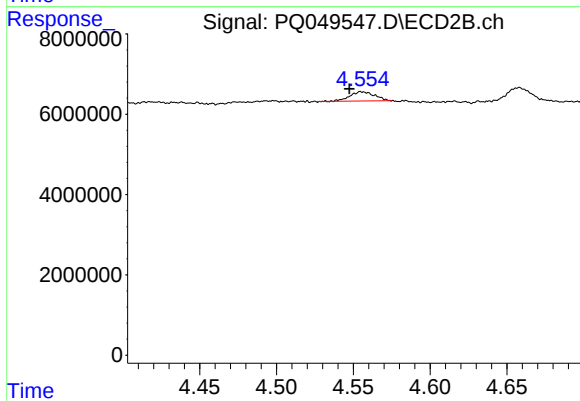
#7 AR-1016-5

R.T.: 6.060 min
Delta R.T.: 0.012 min
Response: 35136275
Conc: 263.19 ng/ml



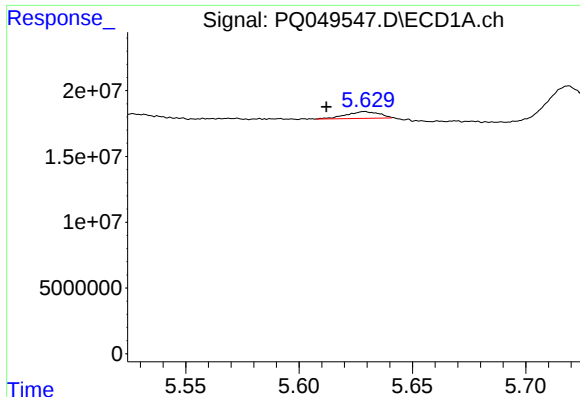
#8 AR-1221-1

R.T.: 5.523 min
Delta R.T.: 0.013 min
Response: -1019799
Conc: N.D.



#8 AR-1221-1

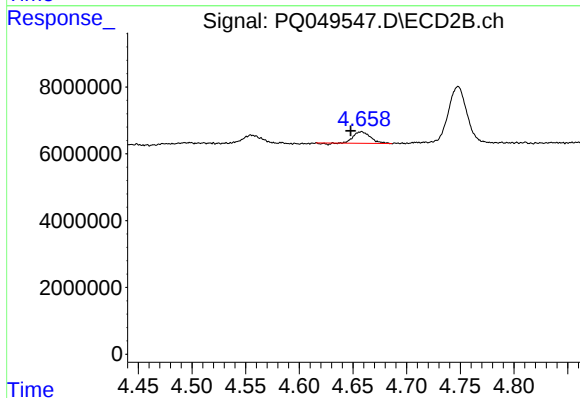
R.T.: 4.556 min
Delta R.T.: 0.008 min
Response: 2580481
Conc: 60.57 ng/ml



#9 AR-1221-2

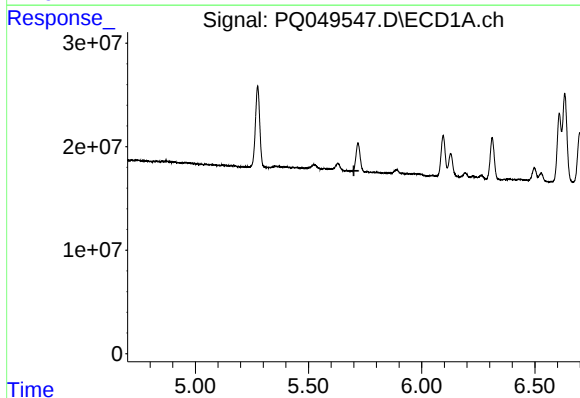
R.T.: 5.629 min
Delta R.T.: 0.017 min
Response: 5266552
Conc: 105.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



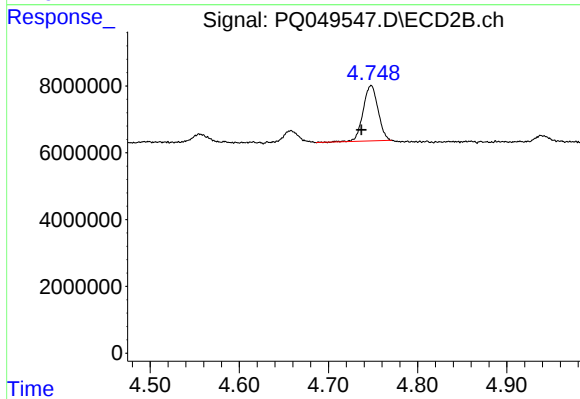
#9 AR-1221-2

R.T.: 4.658 min
Delta R.T.: 0.010 min
Response: 3648629
Conc: 114.67 ng/ml



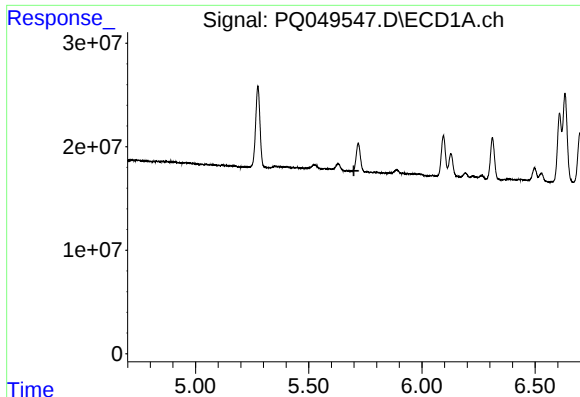
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.701 min
Response: 0
Conc: N.D.



#10 AR-1221-3

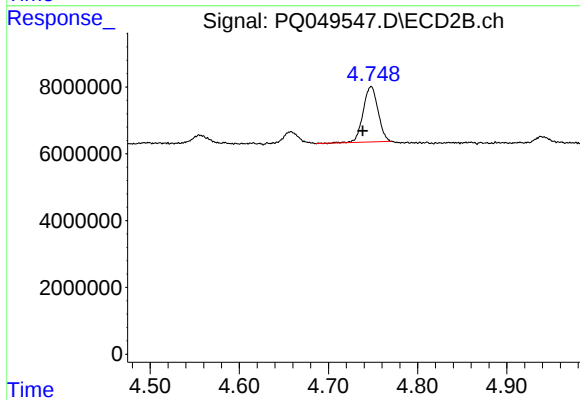
R.T.: 4.748 min
Delta R.T.: 0.011 min
Response: 19315601
Conc: 180.90 ng/ml



#11 AR-1232-1

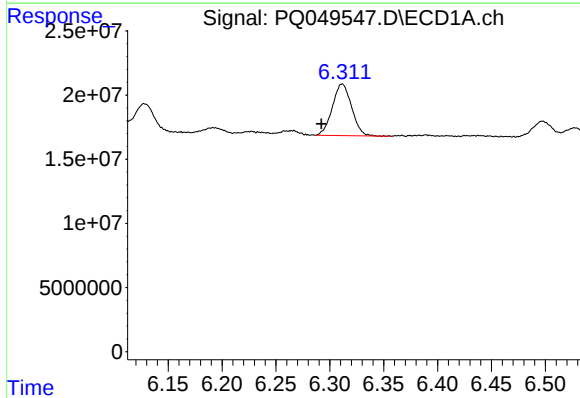
R.T.: 0.000 min
Exp R.T.: 5.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



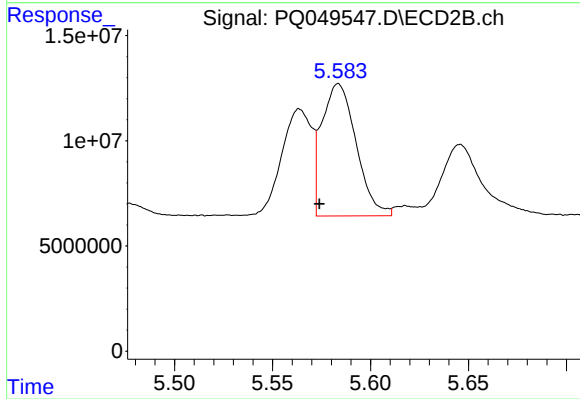
#11 AR-1232-1

R.T.: 4.748 min
Delta R.T.: 0.009 min
Response: 19315601
Conc: 237.28 ng/ml



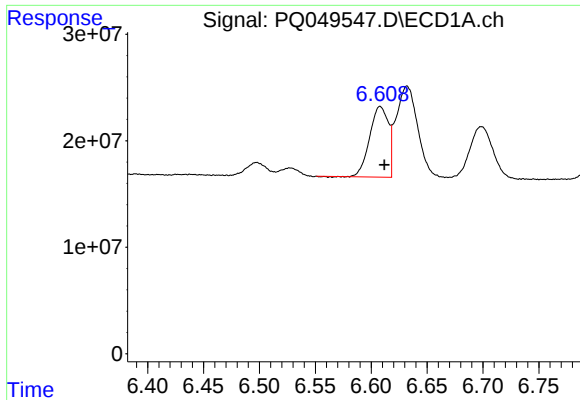
#12 AR-1232-2

R.T.: 6.312 min
Delta R.T.: 0.019 min
Response: 49889237
Conc: 745.57 ng/ml



#12 AR-1232-2

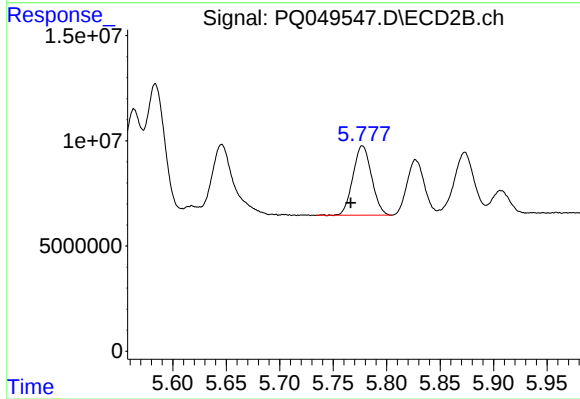
R.T.: 5.584 min
Delta R.T.: 0.010 min
Response: 76780106
Conc: 793.33 ng/ml



#13 AR-1232-3

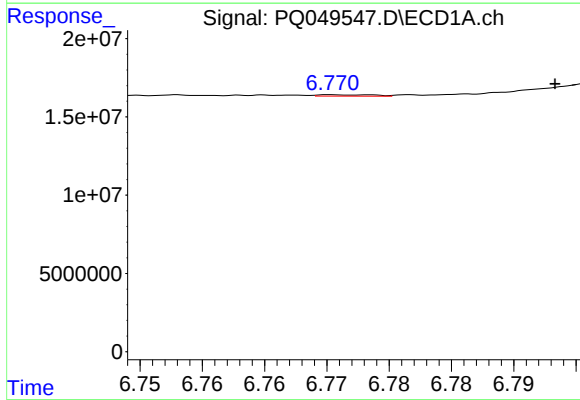
R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 77296554
Conc: 537.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



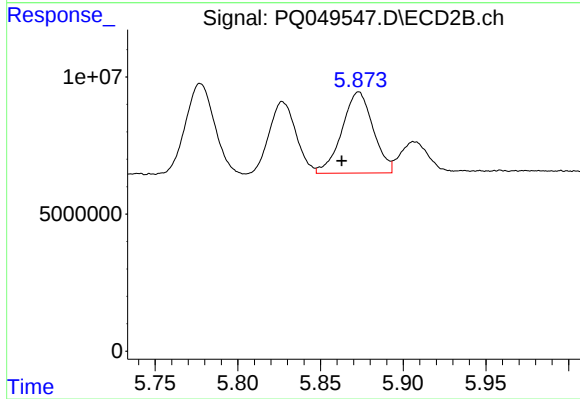
#13 AR-1232-3

R.T.: 5.777 min
Delta R.T.: 0.011 min
Response: 40078024
Conc: 817.74 ng/ml



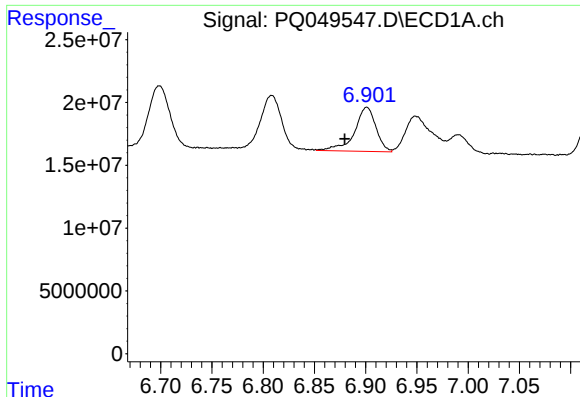
#14 AR-1232-4

R.T.: 6.771 min
Delta R.T.: -0.017 min
Response: 290269
Conc: 4.00 ng/ml



#14 AR-1232-4

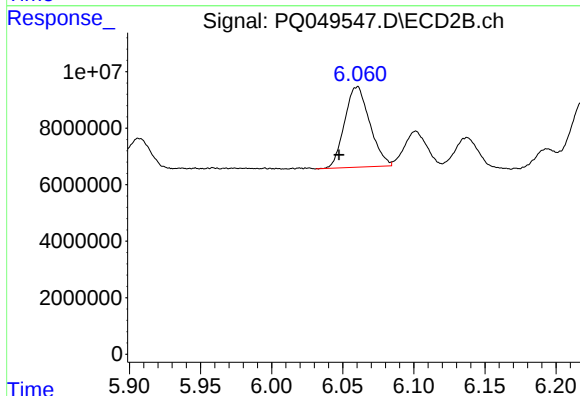
R.T.: 5.873 min
Delta R.T.: 0.010 min
Response: 38745595
Conc: 884.43 ng/ml



#15 AR-1232-5

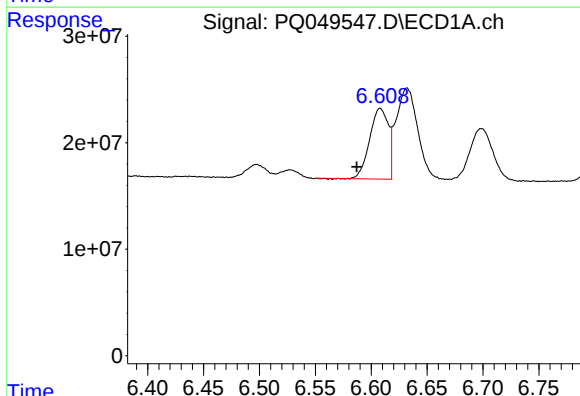
R.T.: 6.901 min
Delta R.T.: 0.021 min
Response: 51147517
Conc: 955.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



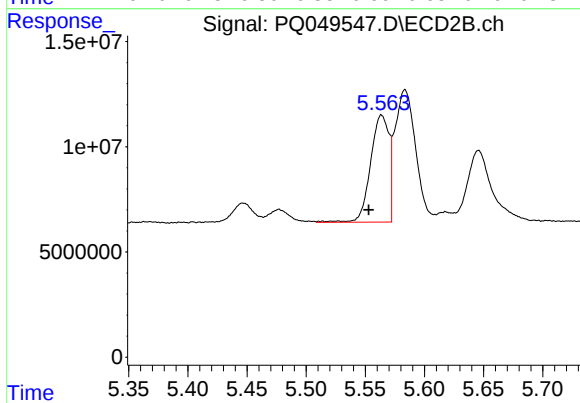
#15 AR-1232-5

R.T.: 6.060 min
Delta R.T.: 0.013 min
Response: 35136275
Conc: 693.08 ng/ml



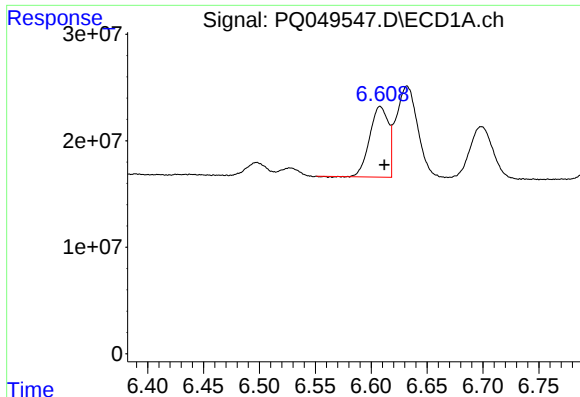
#16 AR-1242-1

R.T.: 6.608 min
Delta R.T.: 0.021 min
Response: 77296554
Conc: 398.55 ng/ml



#16 AR-1242-1

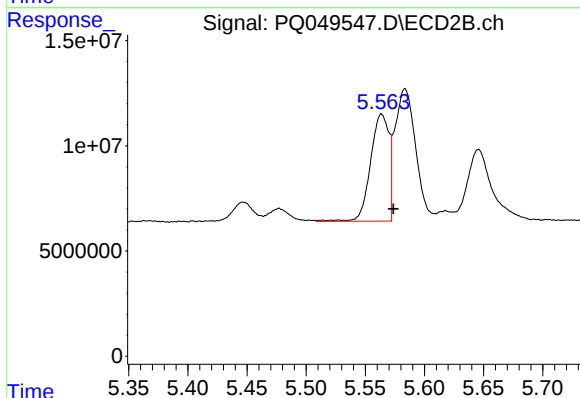
R.T.: 5.564 min
Delta R.T.: 0.011 min
Response: 55289641
Conc: 398.34 ng/ml



#17 AR-1242-2

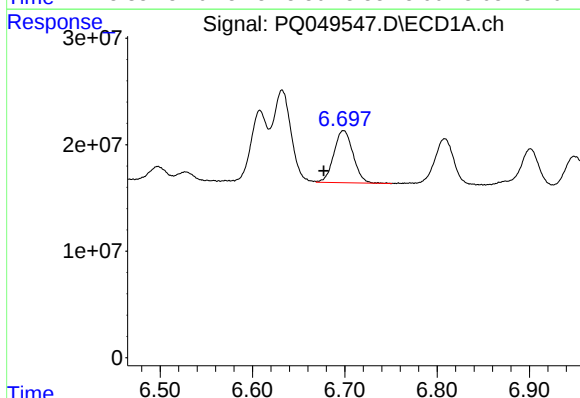
R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 77296554
Conc: 285.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



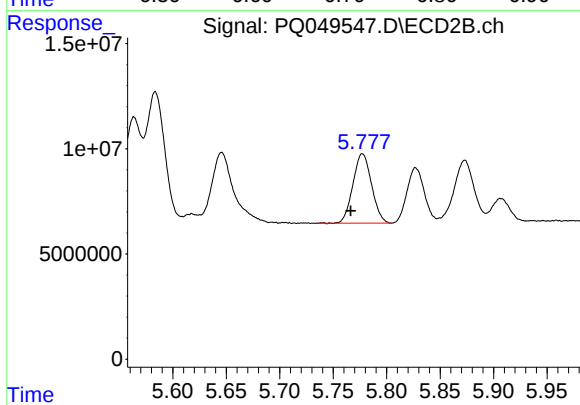
#17 AR-1242-2

R.T.: 5.564 min
Delta R.T.: -0.010 min
Response: 55289641
Conc: 292.23 ng/ml



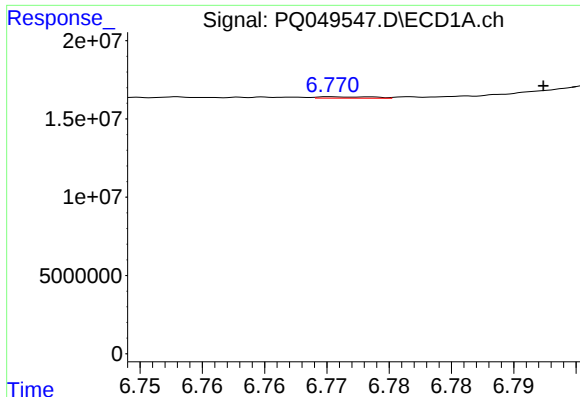
#18 AR-1242-3

R.T.: 6.699 min
Delta R.T.: 0.022 min
Response: 70441288
Conc: 418.49 ng/ml



#18 AR-1242-3

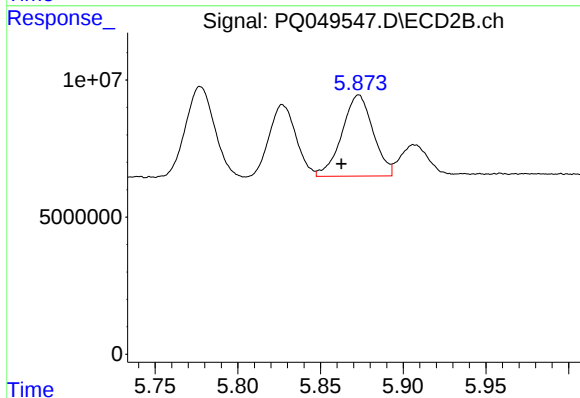
R.T.: 5.777 min
Delta R.T.: 0.011 min
Response: 40078024
Conc: 405.59 ng/ml



#19 AR-1242-4

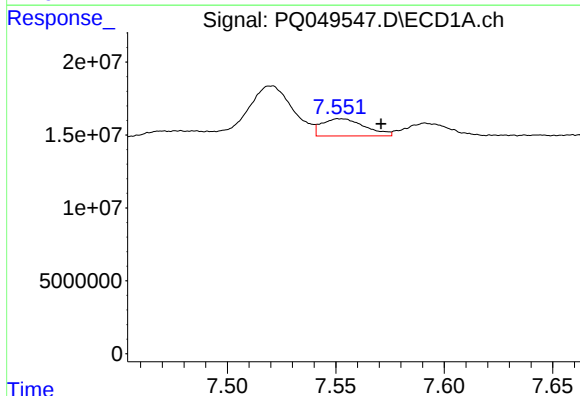
R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 290269
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



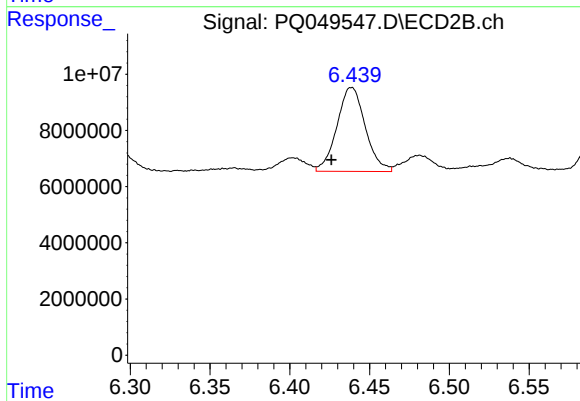
#19 AR-1242-4

R.T.: 5.873 min
Delta R.T.: 0.010 min
Response: 38745595
Conc: 407.51 ng/ml



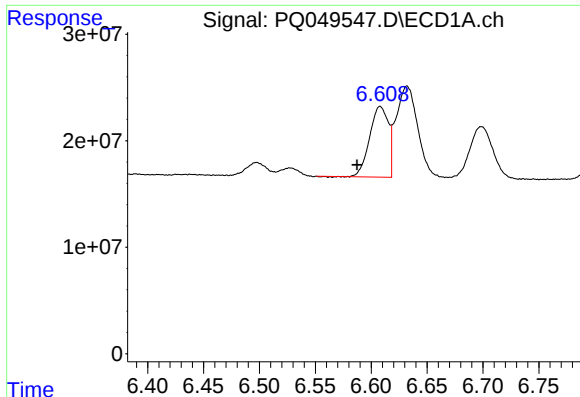
#20 AR-1242-5

R.T.: 7.552 min
Delta R.T.: -0.019 min
Response: 16287537
Conc: 90.29 ng/ml



#20 AR-1242-5

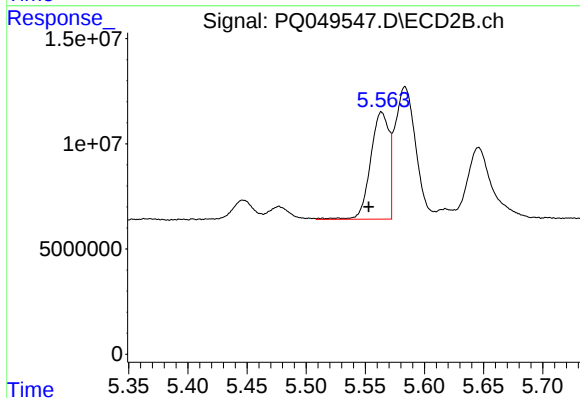
R.T.: 6.439 min
Delta R.T.: 0.013 min
Response: 36980301
Conc: 258.70 ng/ml



#21 AR-1248-1

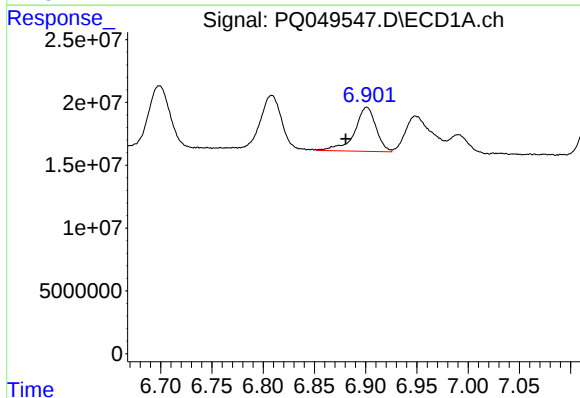
R.T.: 6.608 min
Delta R.T.: 0.021 min
Response: 77296554
Conc: 521.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



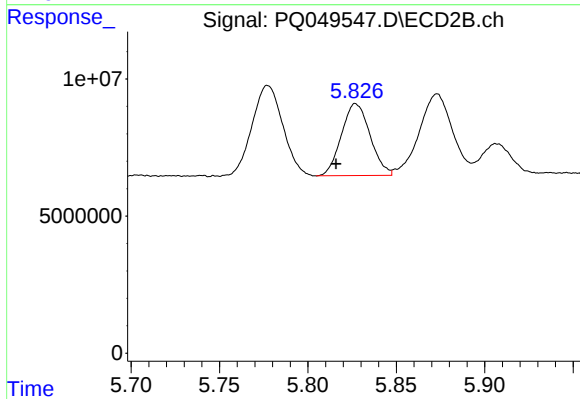
#21 AR-1248-1

R.T.: 5.564 min
Delta R.T.: 0.011 min
Response: 55289641
Conc: 520.25 ng/ml



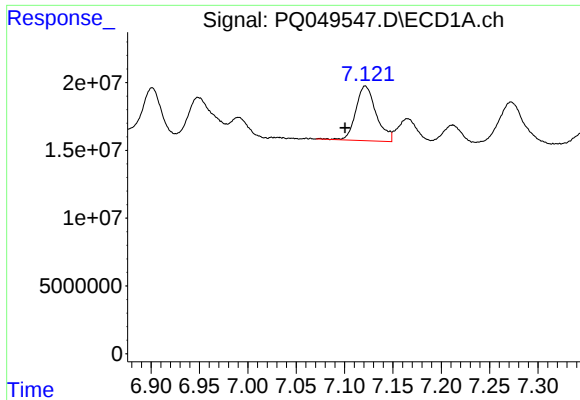
#22 AR-1248-2

R.T.: 6.901 min
Delta R.T.: 0.021 min
Response: 51147517
Conc: 249.28 ng/ml



#22 AR-1248-2

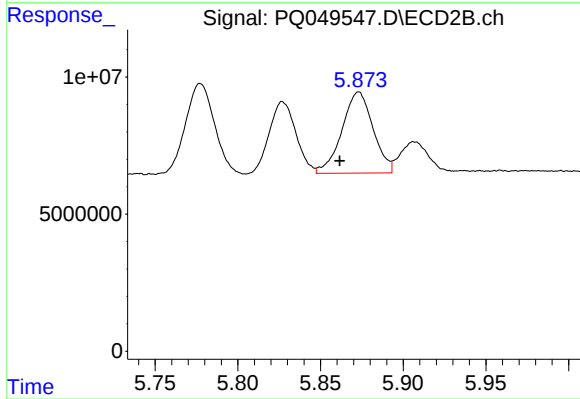
R.T.: 5.827 min
Delta R.T.: 0.011 min
Response: 29624185
Conc: 227.46 ng/ml



#23 AR-1248-3

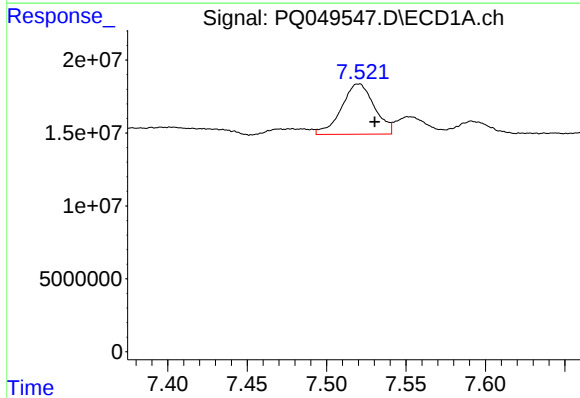
R.T.: 7.121 min
Delta R.T.: 0.021 min
Response: 59049264
Conc: 253.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



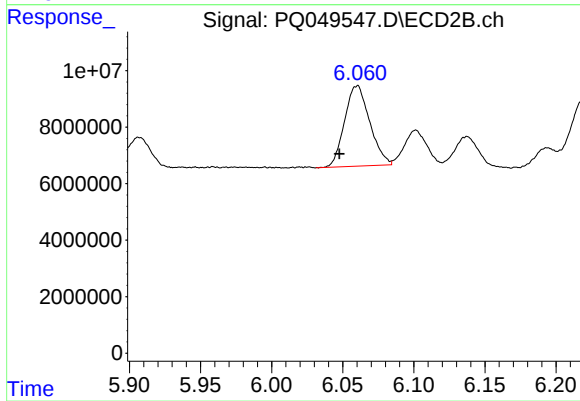
#23 AR-1248-3

R.T.: 5.873 min
Delta R.T.: 0.011 min
Response: 38745595
Conc: 284.35 ng/ml



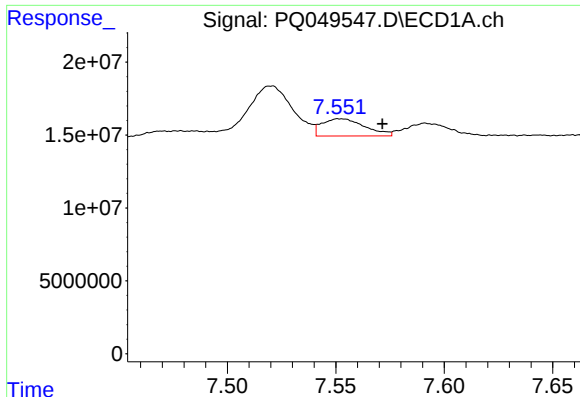
#24 AR-1248-4

R.T.: 7.520 min
Delta R.T.: -0.010 min
Response: 49893748
Conc: 165.69 ng/ml



#24 AR-1248-4

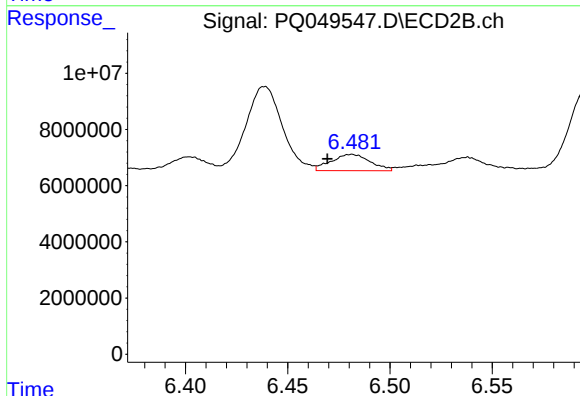
R.T.: 6.060 min
Delta R.T.: 0.013 min
Response: 35136275
Conc: 198.00 ng/ml



#25 AR-1248-5

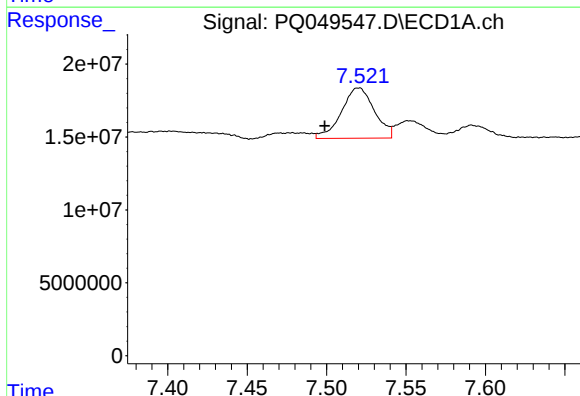
R.T.: 7.552 min
Delta R.T.: -0.019 min
Response: 16287537
Conc: 57.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



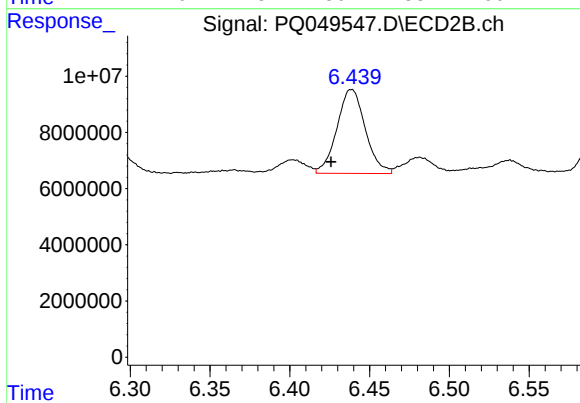
#25 AR-1248-5

R.T.: 6.481 min
Delta R.T.: 0.012 min
Response: 7690996
Conc: 40.19 ng/ml



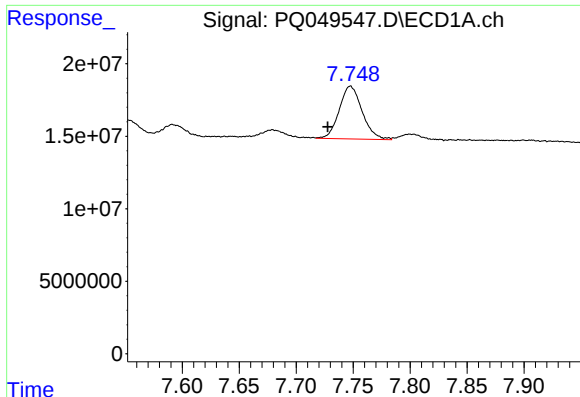
#26 AR-1254-1

R.T.: 7.520 min
Delta R.T.: 0.021 min
Response: 49893748
Conc: 167.18 ng/ml



#26 AR-1254-1

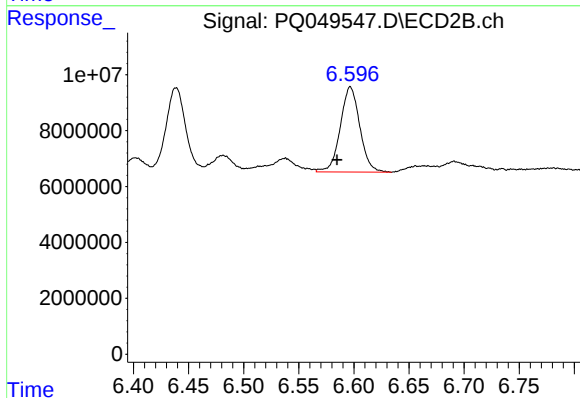
R.T.: 6.439 min
Delta R.T.: 0.013 min
Response: 36980301
Conc: 120.79 ng/ml



#27 AR-1254-2

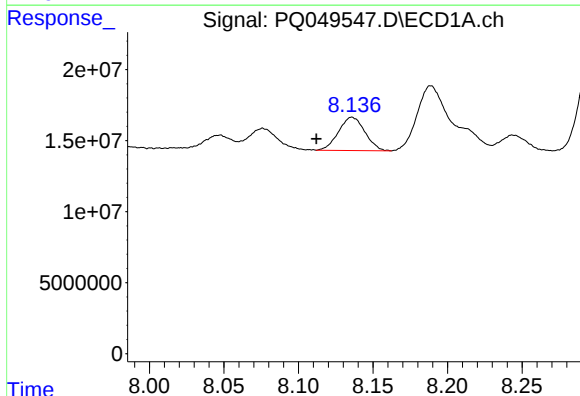
R.T.: 7.748 min
Delta R.T.: 0.020 min
Response: 51076182
Conc: 106.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



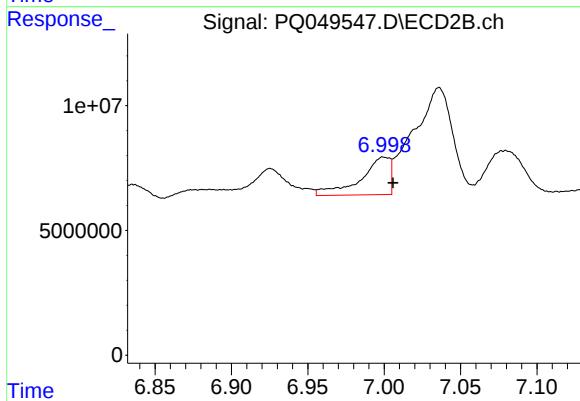
#27 AR-1254-2

R.T.: 6.597 min
Delta R.T.: 0.012 min
Response: 37727691
Conc: 134.17 ng/ml



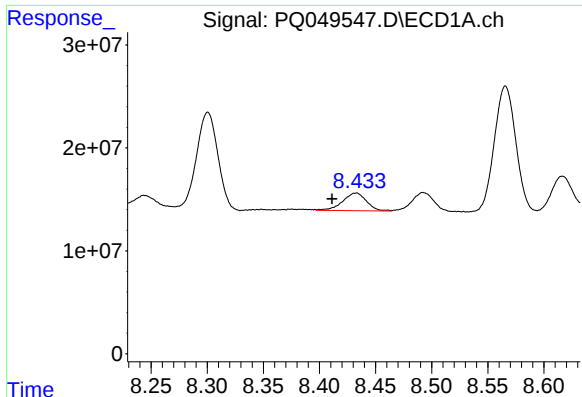
#28 AR-1254-3

R.T.: 8.136 min
Delta R.T.: 0.024 min
Response: 28832557
Conc: 55.03 ng/ml



#28 AR-1254-3

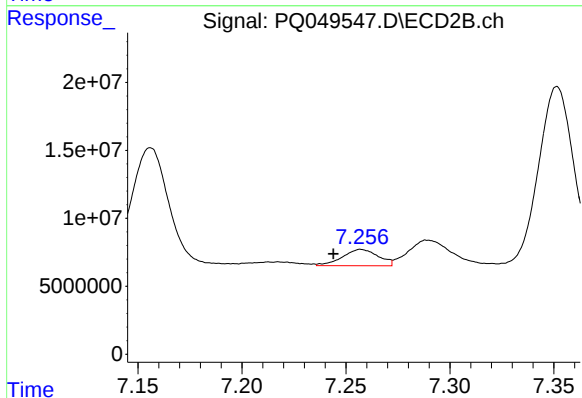
R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 20144271
Conc: 42.25 ng/ml



#29 AR-1254-4

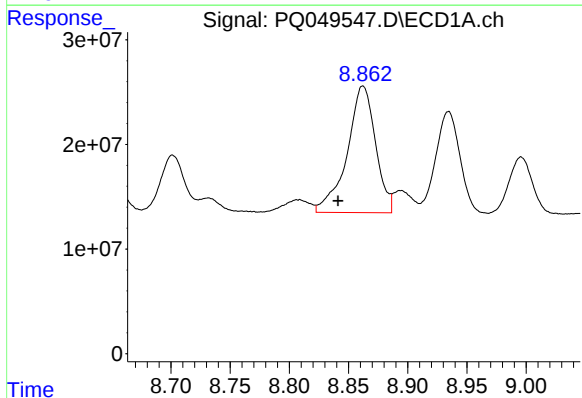
R.T.: 8.433 min
Delta R.T.: 0.021 min
Response: 25297378
Conc: 57.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



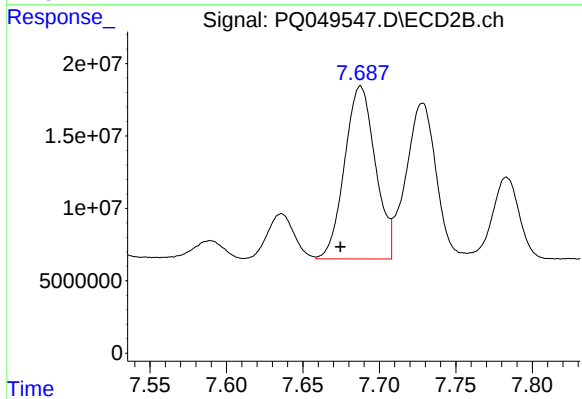
#29 AR-1254-4

R.T.: 7.257 min
Delta R.T.: 0.013 min
Response: 14421837
Conc: 42.48 ng/ml



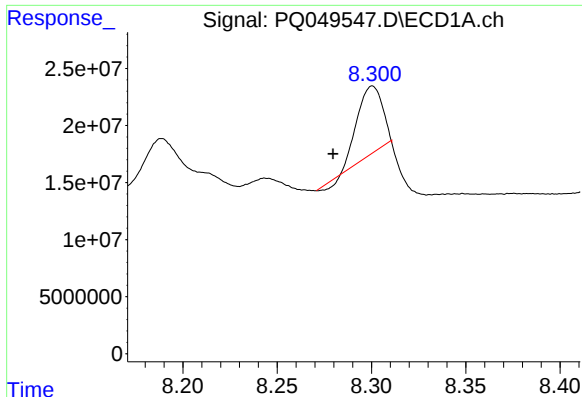
#30 AR-1254-5

R.T.: 8.862 min
Delta R.T.: 0.021 min
Response: 202081292
Conc: 435.31 ng/ml



#30 AR-1254-5

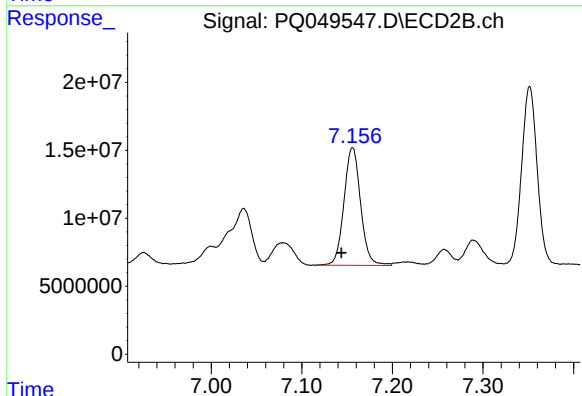
R.T.: 7.688 min
Delta R.T.: 0.013 min
Response: 167295062
Conc: 372.47 ng/ml



#31 AR-1260-1

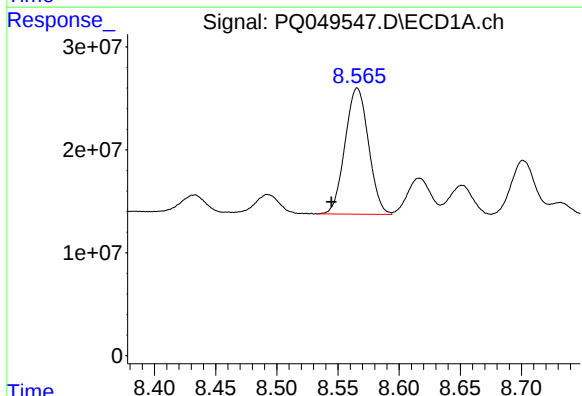
R.T.: 8.301 min
Delta R.T.: 0.021 min
Response: 53500953
Conc: 151.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



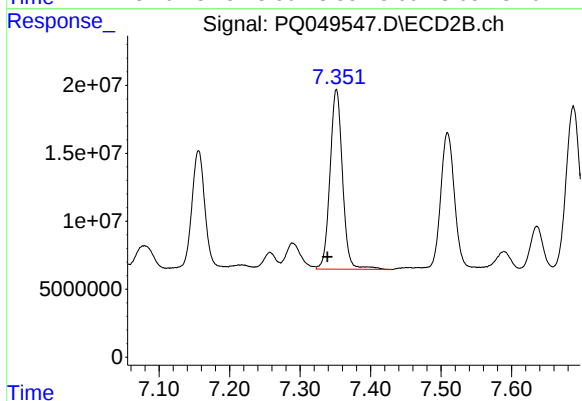
#31 AR-1260-1

R.T.: 7.156 min
Delta R.T.: 0.012 min
Response: 110472231
Conc: 381.53 ng/ml



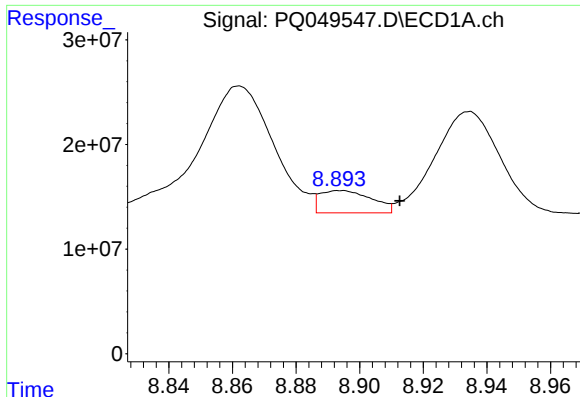
#32 AR-1260-2

R.T.: 8.566 min
Delta R.T.: 0.021 min
Response: 163683226
Conc: 361.91 ng/ml



#32 AR-1260-2

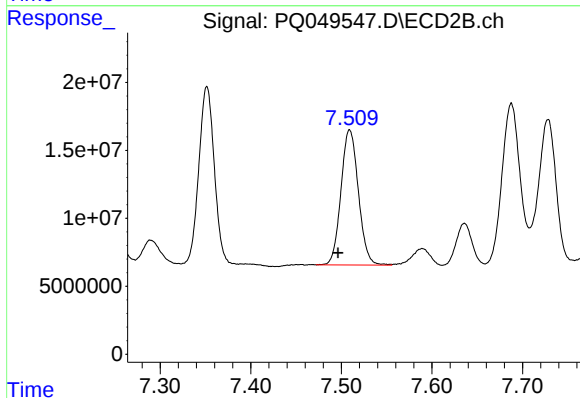
R.T.: 7.352 min
Delta R.T.: 0.013 min
Response: 162977651
Conc: 422.42 ng/ml



#33 AR-1260-3

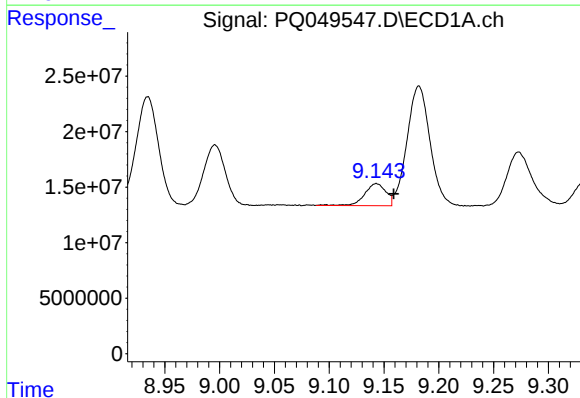
R.T.: 8.894 min
Delta R.T.: -0.019 min
Response: 24081862
Conc: 61.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



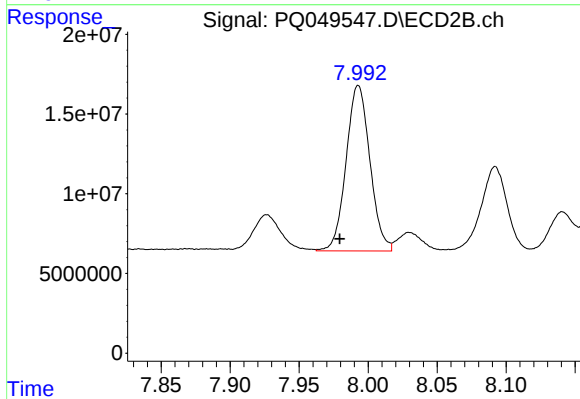
#33 AR-1260-3

R.T.: 7.509 min
Delta R.T.: 0.013 min
Response: 132975832
Conc: 409.74 ng/ml



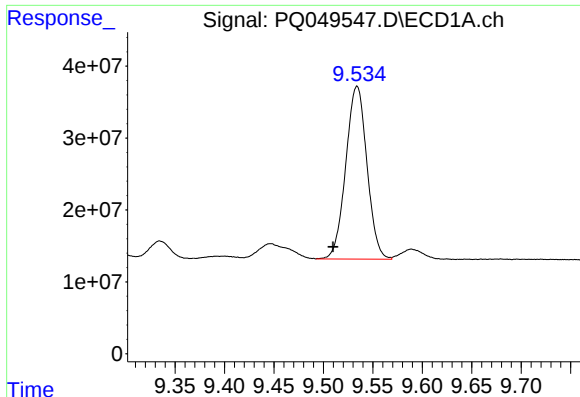
#34 AR-1260-4

R.T.: 9.143 min
Delta R.T.: -0.016 min
Response: 26729352
Conc: 63.19 ng/ml



#34 AR-1260-4

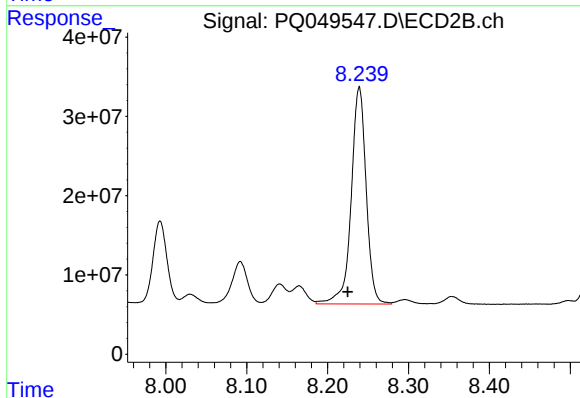
R.T.: 7.993 min
Delta R.T.: 0.014 min
Response: 124752698
Conc: 427.47 ng/ml



#35 AR-1260-5

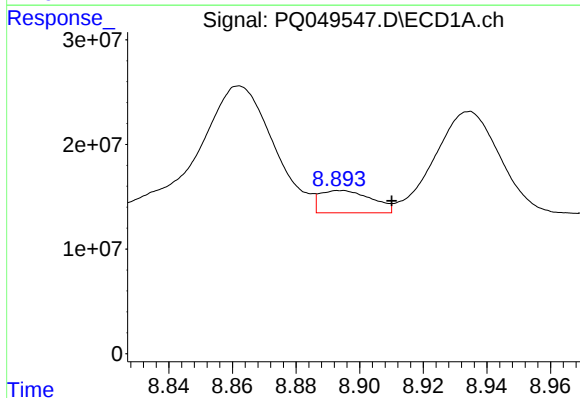
R.T.: 9.534 min
Delta R.T.: 0.024 min
Response: 358702687
Conc: 365.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



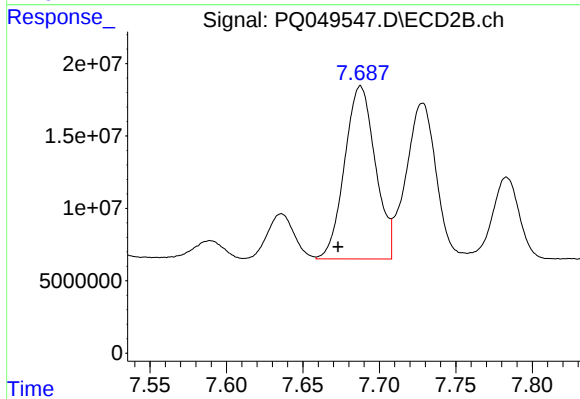
#35 AR-1260-5

R.T.: 8.239 min
Delta R.T.: 0.014 min
Response: 352738339
Conc: 443.83 ng/ml



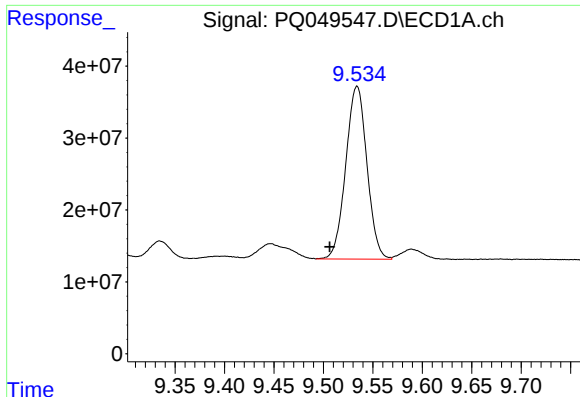
#36 AR-1262-1

R.T.: 8.894 min
Delta R.T.: -0.016 min
Response: 24081862
Conc: 39.97 ng/ml



#36 AR-1262-1

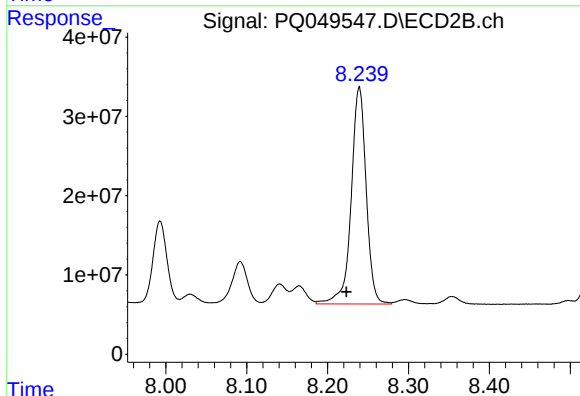
R.T.: 7.688 min
Delta R.T.: 0.015 min
Response: 167295062
Conc: 701.37 ng/ml



#37 AR-1262-2

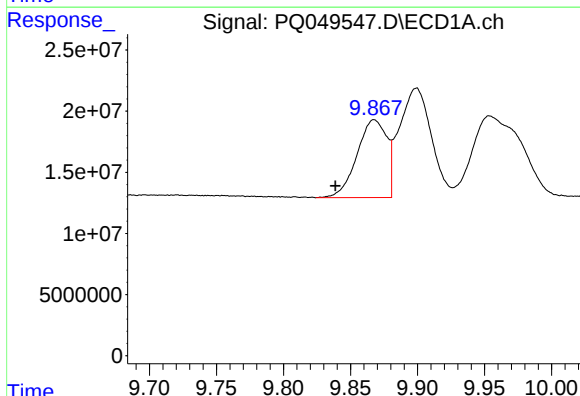
R.T.: 9.534 min
Delta R.T.: 0.028 min
Response: 358702687
Conc: 302.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



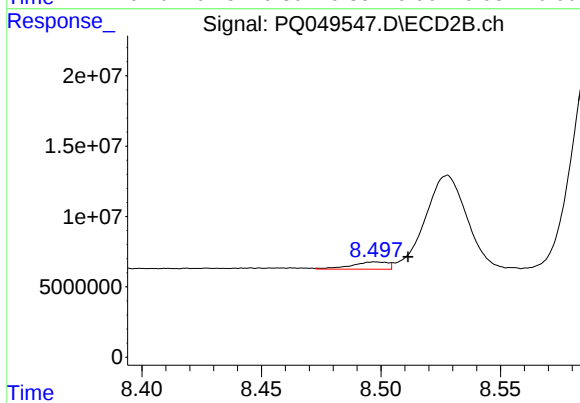
#37 AR-1262-2

R.T.: 8.239 min
Delta R.T.: 0.016 min
Response: 352738339
Conc: 373.07 ng/ml



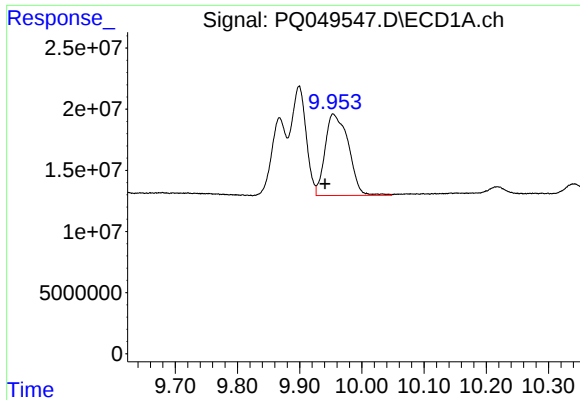
#38 AR-1262-3

R.T.: 9.868 min
Delta R.T.: 0.029 min
Response: 98325565
Conc: 171.07 ng/ml



#38 AR-1262-3

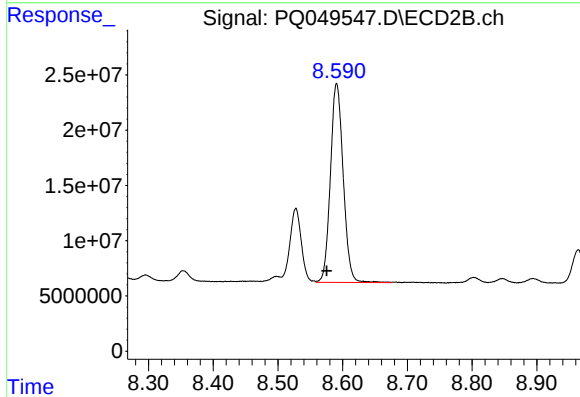
R.T.: 8.498 min
Delta R.T.: -0.014 min
Response: 5475784
Conc: 14.09 ng/ml



#39 AR-1262-4

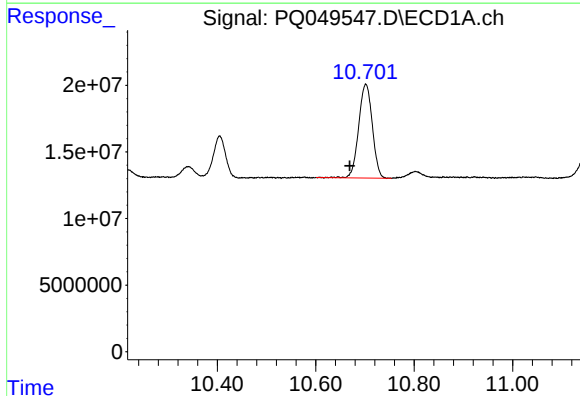
R.T.: 9.954 min
Delta R.T.: 0.013 min
Response: 173481190
Conc: 257.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



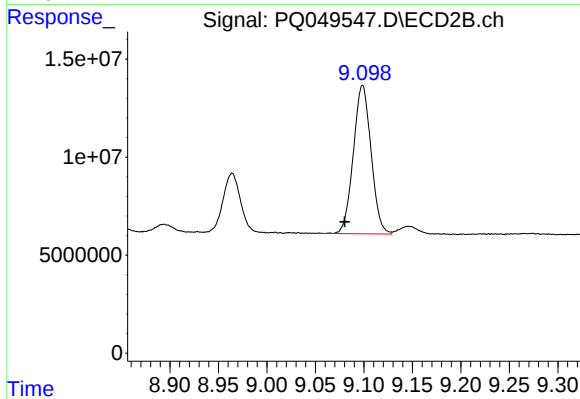
#39 AR-1262-4

R.T.: 8.591 min
Delta R.T.: 0.015 min
Response: 247151234
Conc: 360.86 ng/ml



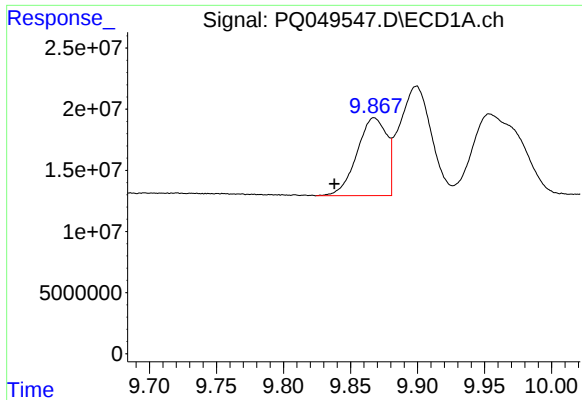
#40 AR-1262-5

R.T.: 10.702 min
Delta R.T.: 0.033 min
Response: 135607700
Conc: 260.87 ng/ml



#40 AR-1262-5

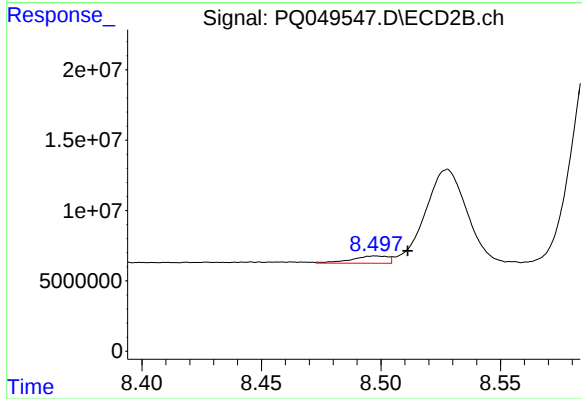
R.T.: 9.099 min
Delta R.T.: 0.018 min
Response: 96329067
Conc: 290.20 ng/ml



#41 AR-1268-1

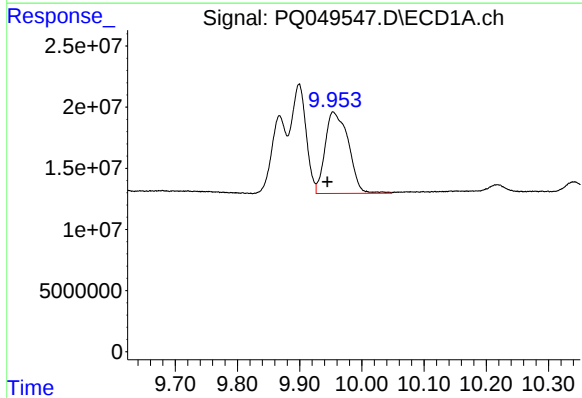
R.T.: 9.868 min
Delta R.T.: 0.030 min
Response: 98325565
Conc: 61.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



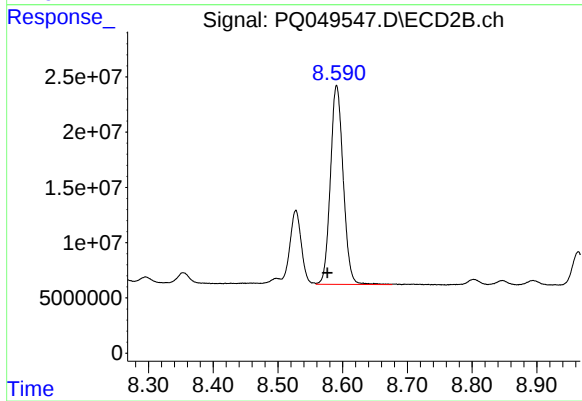
#41 AR-1268-1

R.T.: 8.498 min
Delta R.T.: -0.013 min
Response: 5475784
Conc: 4.61 ng/ml



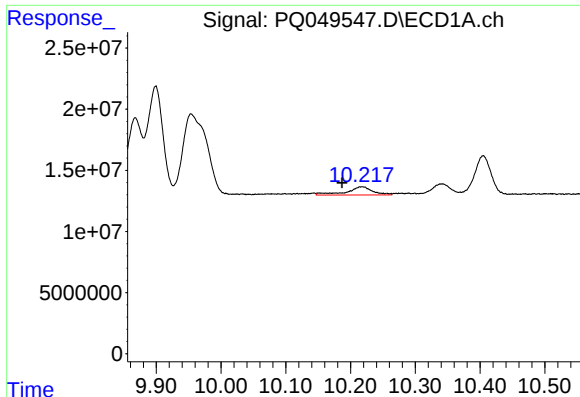
#42 AR-1268-2

R.T.: 9.954 min
Delta R.T.: 0.009 min
Response: 173481190
Conc: 116.09 ng/ml



#42 AR-1268-2

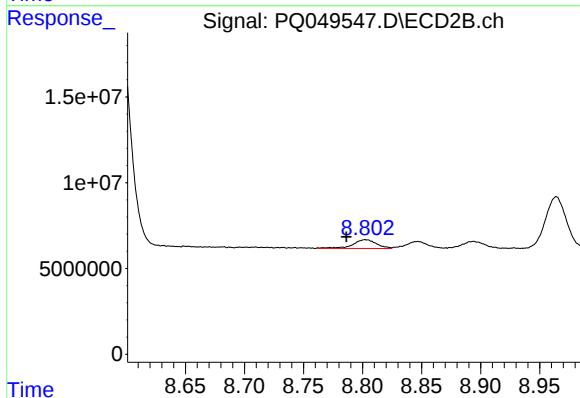
R.T.: 8.591 min
Delta R.T.: 0.014 min
Response: 247151234
Conc: 231.40 ng/ml



#43 AR-1268-3

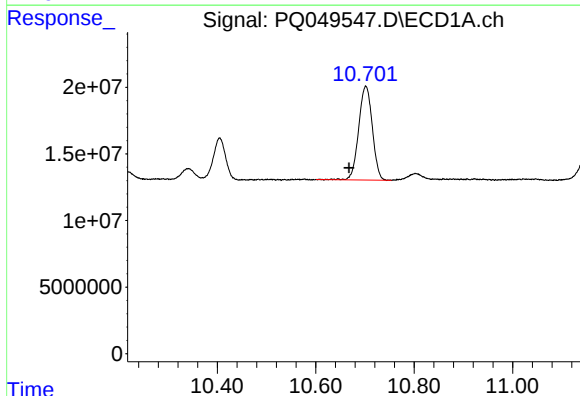
R.T.: 10.218 min
Delta R.T.: 0.031 min
Response: 19218821
Conc: 14.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



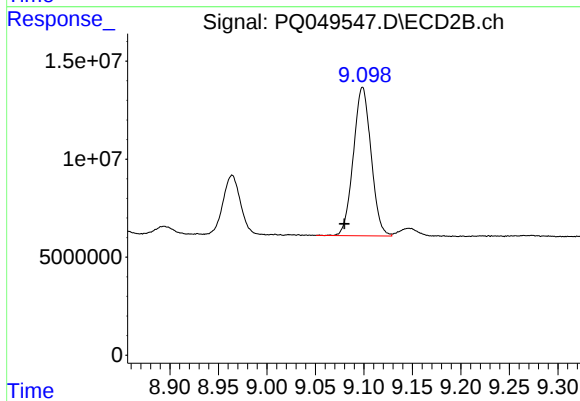
#43 AR-1268-3

R.T.: 8.803 min
Delta R.T.: 0.016 min
Response: 7159955
Conc: 7.95 ng/ml



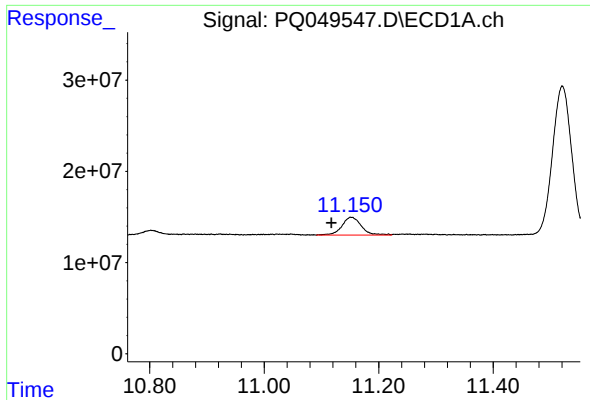
#44 AR-1268-4

R.T.: 10.702 min
Delta R.T.: 0.034 min
Response: 135607700
Conc: 221.11 ng/ml



#44 AR-1268-4

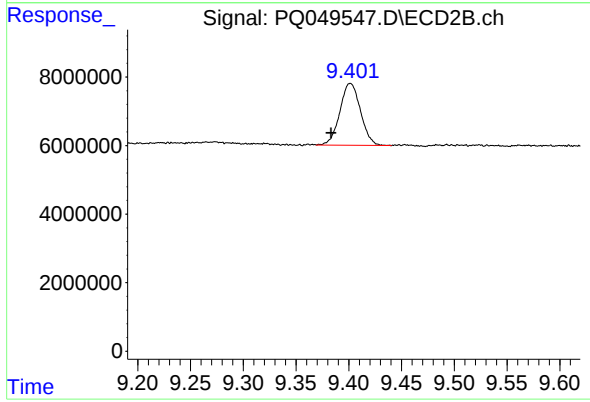
R.T.: 9.099 min
Delta R.T.: 0.019 min
Response: 96329067
Conc: 247.90 ng/ml



#45 AR-1268-5

R.T.: 11.152 min
Delta R.T.: 0.034 min
Response: 46591801
Conc: 11.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.401 min
Delta R.T.: 0.018 min
Response: 24566627
Conc: 9.12 ng/ml