

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111919\
 Data File : PQ045171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2019 16:12
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:13:19 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...	5.097	4.305	152.1E6	108.4E6	19.167	22.988
2)	SA Decachlor...	11.162	9.723	257.6E6	237.7E6	37.200	35.027
Target Compounds							
3)	L1 AR-1016-1	6.411	5.584	70006043	55514712	278.567	301.416
4)	L1 AR-1016-2	6.434	5.604	85115375	57805723	225.087	218.767
5)	L1 AR-1016-3	6.501	5.802	42959739	37098179	185.037	287.459 #
6)	L1 AR-1016-4	6.607	5.849	45786423	75964253	241.834	699.556 #
7)	L1 AR-1016-5	6.922	6.083	109.1E6	96322170	559.380	630.452
8)	L2 AR-1221-1	0.000	4.563	0	984689	N.D.	18.358 #
9)	L2 AR-1221-2	5.445	4.668	3407359	2609270	58.034	66.090
10)	L2 AR-1221-3	5.528	4.759	9380632	6540653	47.800	50.038
11)	L3 AR-1232-1	5.528	4.759	9380632	6540653	53.811	56.707
12)	L3 AR-1232-2	6.118	5.604	30593807	57805723	341.117	464.768 #
13)	L3 AR-1232-3	6.434	5.802	85115375	37098179	482.065	626.449 #
14)	L3 AR-1232-4	6.607	5.894	45786423	78737772	517.507	1309.801 #
15)	L3 AR-1232-5	6.705	6.083	99808563	96322170	1504.500	1322.505
16)	L4 AR-1242-1	6.411	5.584	70006043	55514712	325.693	354.078
17)	L4 AR-1242-2	6.434	5.604	85115375	57805723	264.673	258.355
18)	L4 AR-1242-3	6.501	5.802	42959739	37098179	216.516	333.781 #
19)	L4 AR-1242-4	6.607	5.894	45786423	78737772	283.581	660.303 #
20)	L4 AR-1242-5	7.389	6.466	117.0E6	150.7E6	646.506	917.754 #
21)	L5 AR-1248-1	6.411	5.584	70006043	55514712	415.664	446.075
22)	L5 AR-1248-2	6.705	5.849	99808563	75964253	407.492	446.248
23)	L5 AR-1248-3	6.922	5.894	109.1E6	78737772	400.886	440.265
24)	L5 AR-1248-4	7.349	6.083	122.8E6	96322170	405.595	442.511
25)	L5 AR-1248-5	7.389	6.510	117.0E6	104.5E6	409.003	468.691
26)	L6 AR-1254-1	7.319	6.466	95382513	150.7E6	294.794	414.254 #
27)	L6 AR-1254-2	7.553	6.624	123.0E6	43420858	247.682	134.814 #
28)	L6 AR-1254-3	7.930	7.052	68650070	73772133	128.978	132.996
29)	L6 AR-1254-4	8.225	7.292	43977725	52051736	113.846	145.630 #
30)	L6 AR-1254-5	8.655	7.725	11183912	13987793	25.890	27.974
31)	L7 AR-1260-1	8.099	7.204	8387519	36184688	26.855	118.107 #
32)	L7 AR-1260-2	8.360	7.384	10310822	7281642	25.183	18.441 #
33)	L7 AR-1260-3	8.727	7.543	2992492	8706675	9.166	25.414 #
34)	L7 AR-1260-4	8.956	8.030	5503732	2167606	14.473	7.069 #
35)	L7 AR-1260-5	9.297	8.277	4514513	5541491	5.865	7.081
36)	L8 AR-1262-1	8.727	7.725	2992492	13987793	14.346	55.267 #
37)	L8 AR-1262-2	9.297	8.277	4514513	5541491	4.998	5.616
38)	L8 AR-1262-3	0.000	8.567	0	1562839	N.D.	4.056 #
39)	L8 AR-1262-4	0.000	8.633	0	3434627	N.D.	4.662 #
40)	L8 AR-1262-5	0.000	9.146	0	1268252	N.D.	3.643 #
41)	L9 AR-1268-1	0.000	8.567	0	1562839	N.D.	1.300 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111919\
Data File : PQ045171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2019 16:12
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

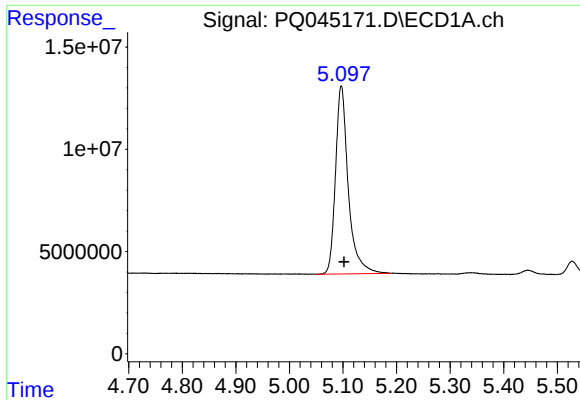
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 03:13:19 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
42) L9	AR-1268-2	0.000	8.633	0	3434627	N.D.	3.084 #
43) L9	AR-1268-3	0.000	8.840	0	1231913	N.D.	1.324 #
44) L9	AR-1268-4	0.000	9.146	0	1268252	N.D.	3.149 #
45) L9	AR-1268-5	0.000	9.454	0	1729662	N.D.	0.572 #

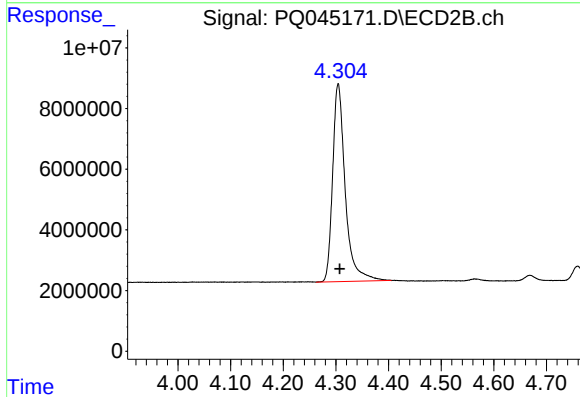
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

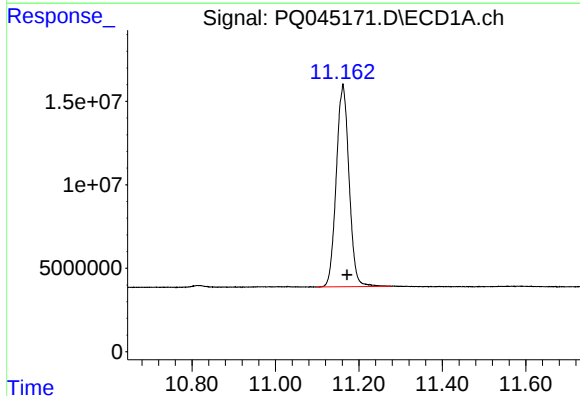
R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 152142644
Conc: 19.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



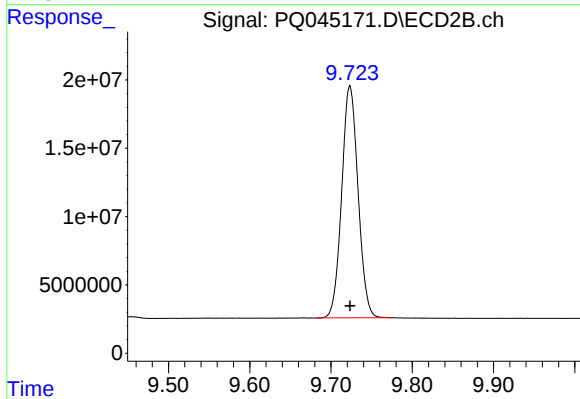
#1 Tetrachloro-m-xylene

R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 108396217
Conc: 22.99 ng/ml



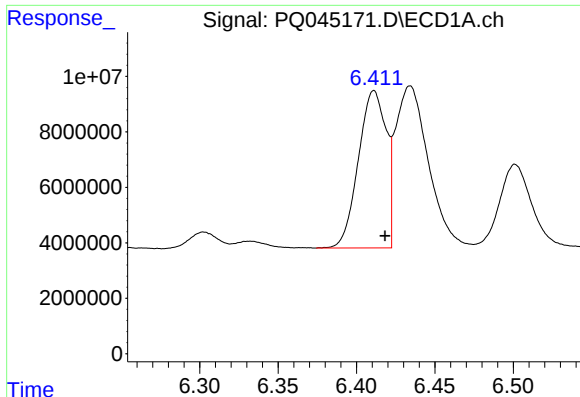
#2 Decachlorobiphenyl

R.T.: 11.162 min
Delta R.T.: -0.010 min
Response: 257645096
Conc: 37.20 ng/ml



#2 Decachlorobiphenyl

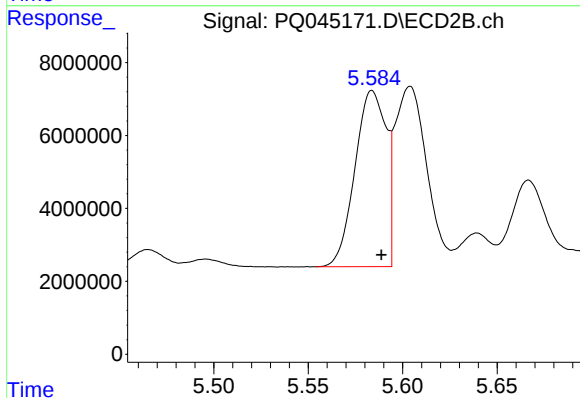
R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 237658557
Conc: 35.03 ng/ml



#3 AR-1016-1

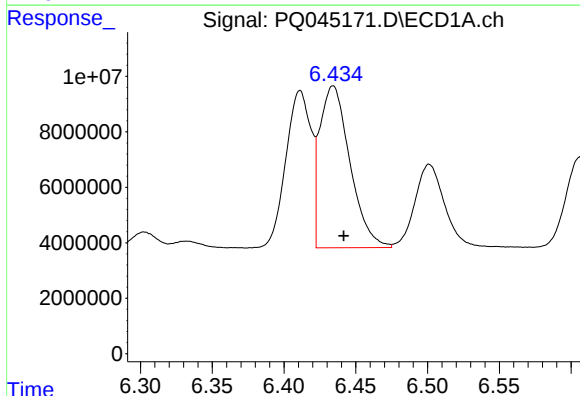
R.T.: 6.411 min
Delta R.T.: -0.007 min
Response: 70006043
Conc: 278.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



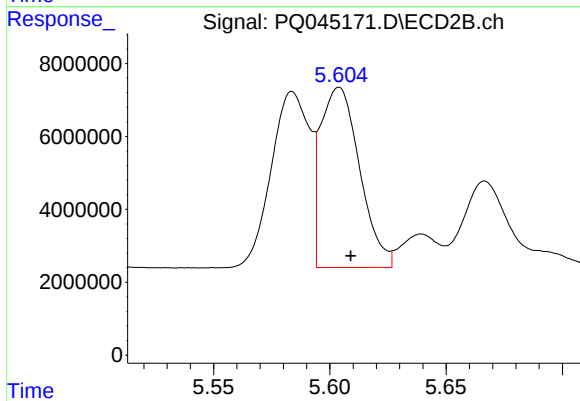
#3 AR-1016-1

R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 55514712
Conc: 301.42 ng/ml



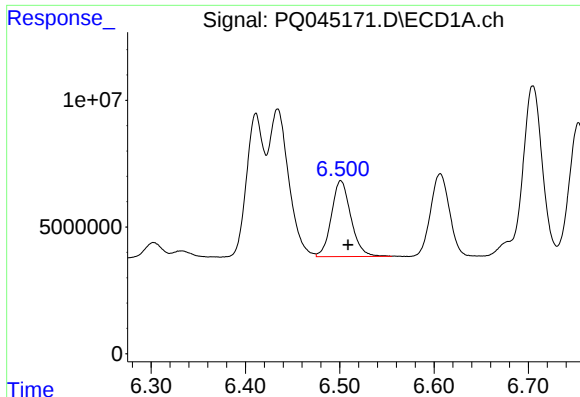
#4 AR-1016-2

R.T.: 6.434 min
Delta R.T.: -0.007 min
Response: 85115375
Conc: 225.09 ng/ml



#4 AR-1016-2

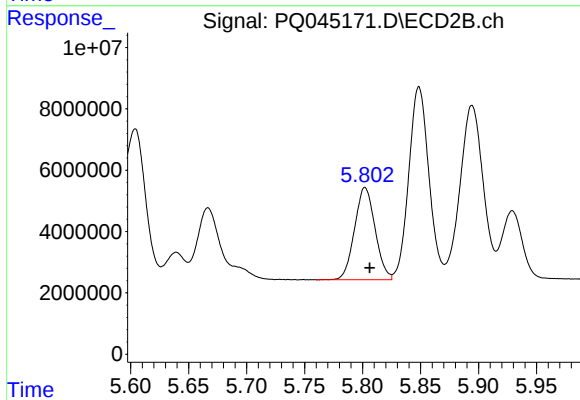
R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 57805723
Conc: 218.77 ng/ml



#5 AR-1016-3

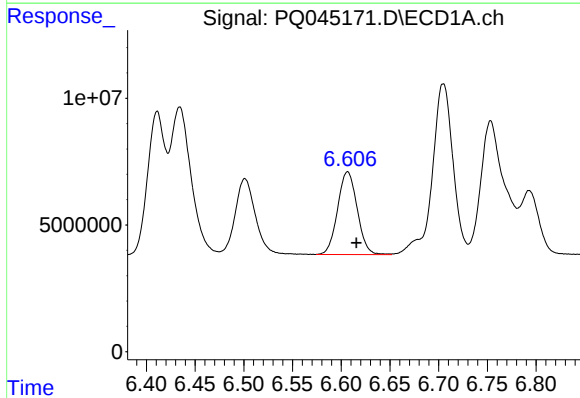
R.T.: 6.501 min
Delta R.T.: -0.008 min
Response: 42959739
Conc: 185.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



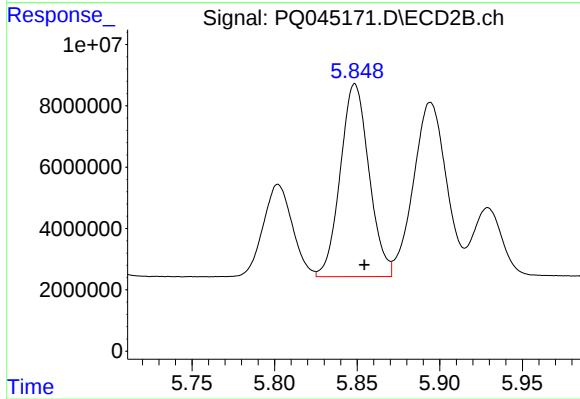
#5 AR-1016-3

R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 37098179
Conc: 287.46 ng/ml



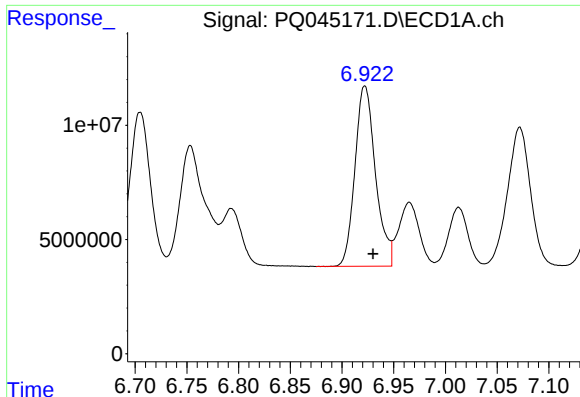
#6 AR-1016-4

R.T.: 6.607 min
Delta R.T.: -0.009 min
Response: 45786423
Conc: 241.83 ng/ml



#6 AR-1016-4

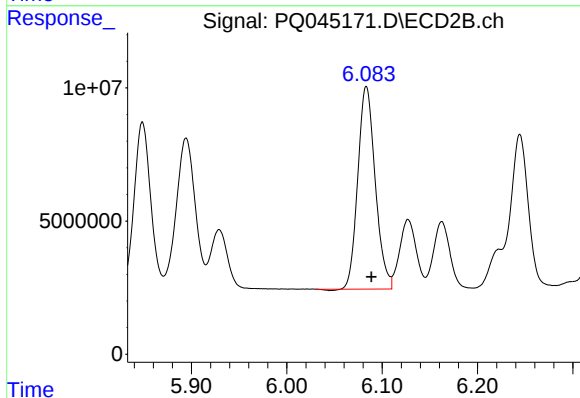
R.T.: 5.849 min
Delta R.T.: -0.006 min
Response: 75964253
Conc: 699.56 ng/ml



#7 AR-1016-5

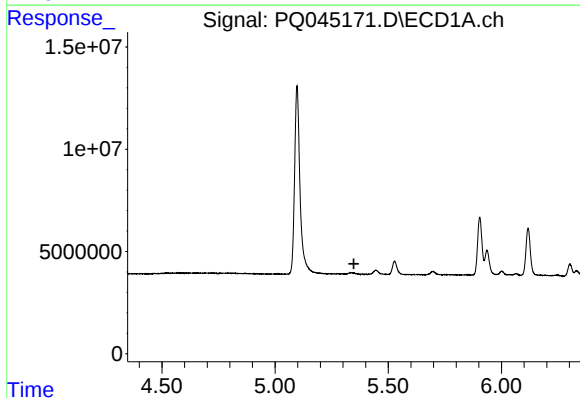
R.T.: 6.922 min
Delta R.T.: -0.008 min
Response: 109104032
Conc: 559.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



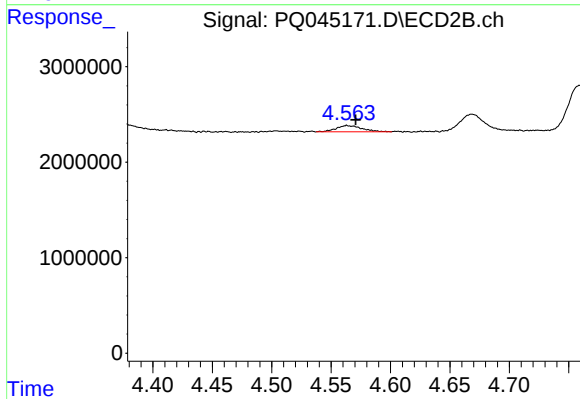
#7 AR-1016-5

R.T.: 6.083 min
Delta R.T.: -0.005 min
Response: 96322170
Conc: 630.45 ng/ml



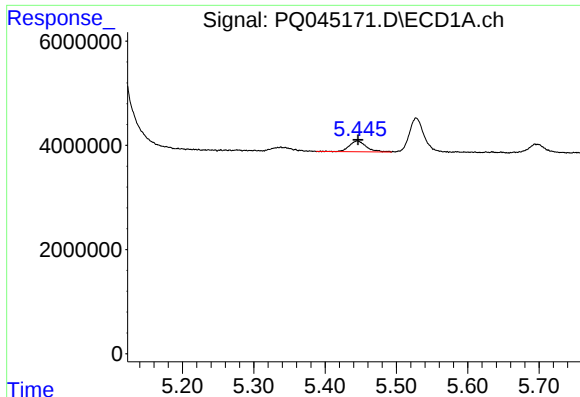
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

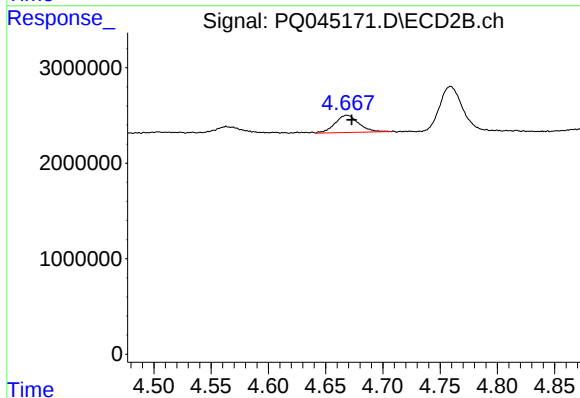
R.T.: 4.563 min
Delta R.T.: -0.007 min
Response: 984689
Conc: 18.36 ng/ml



#9 AR-1221-2

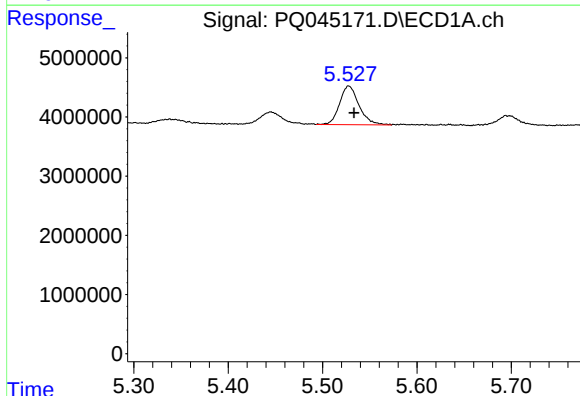
R.T.: 5.445 min
Delta R.T.: -0.001 min
Response: 3407359
Conc: 58.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



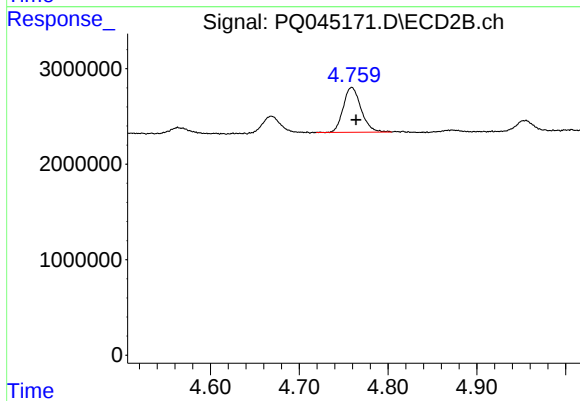
#9 AR-1221-2

R.T.: 4.668 min
Delta R.T.: -0.004 min
Response: 2609270
Conc: 66.09 ng/ml



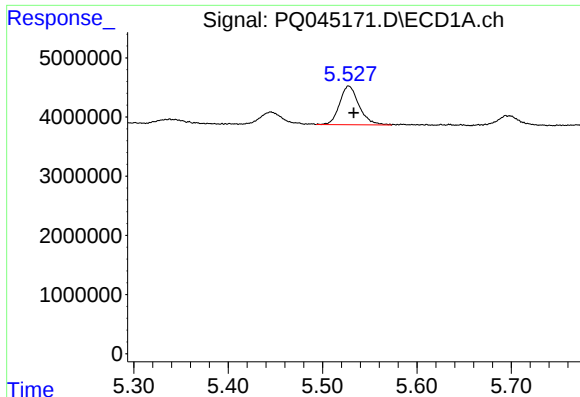
#10 AR-1221-3

R.T.: 5.528 min
Delta R.T.: -0.006 min
Response: 9380632
Conc: 47.80 ng/ml



#10 AR-1221-3

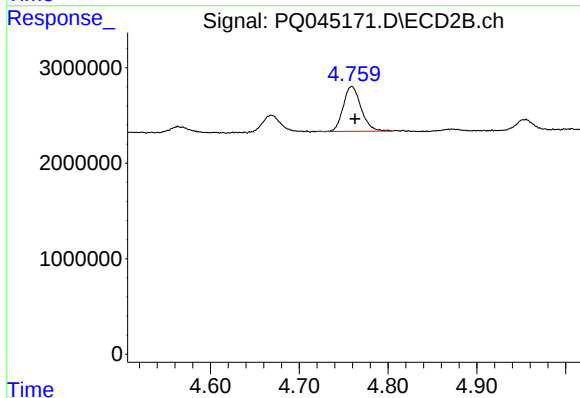
R.T.: 4.759 min
Delta R.T.: -0.005 min
Response: 6540653
Conc: 50.04 ng/ml



#11 AR-1232-1

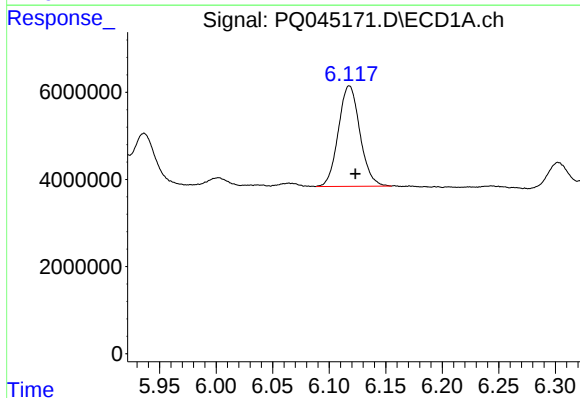
R.T.: 5.528 min
Delta R.T.: -0.006 min
Response: 9380632
Conc: 53.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



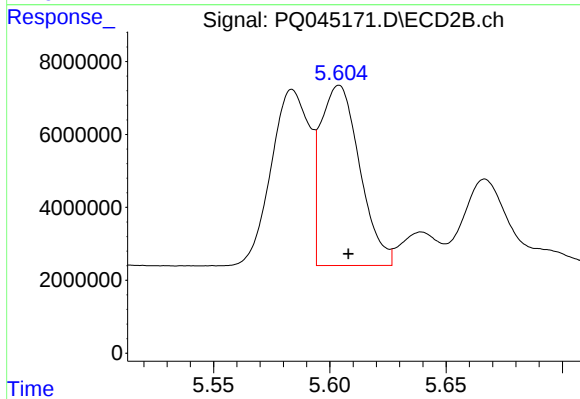
#11 AR-1232-1

R.T.: 4.759 min
Delta R.T.: -0.004 min
Response: 6540653
Conc: 56.71 ng/ml



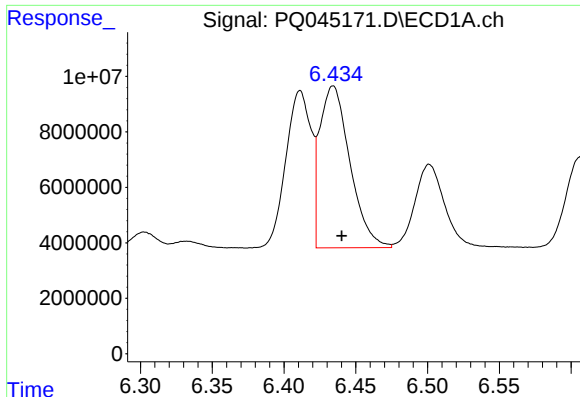
#12 AR-1232-2

R.T.: 6.118 min
Delta R.T.: -0.005 min
Response: 30593807
Conc: 341.12 ng/ml



#12 AR-1232-2

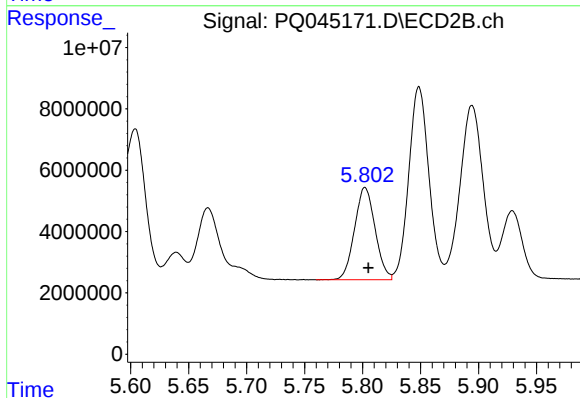
R.T.: 5.604 min
Delta R.T.: -0.004 min
Response: 57805723
Conc: 464.77 ng/ml



#13 AR-1232-3

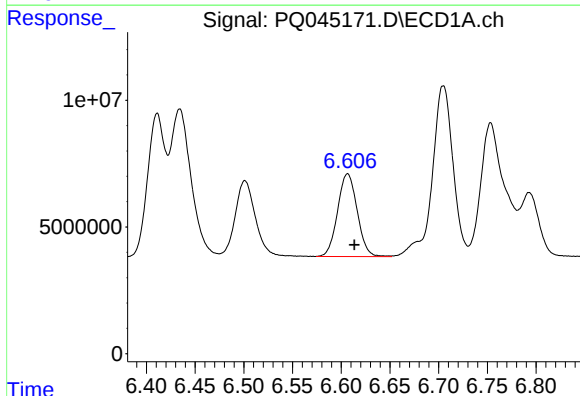
R.T.: 6.434 min
Delta R.T.: -0.006 min
Response: 85115375
Conc: 482.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



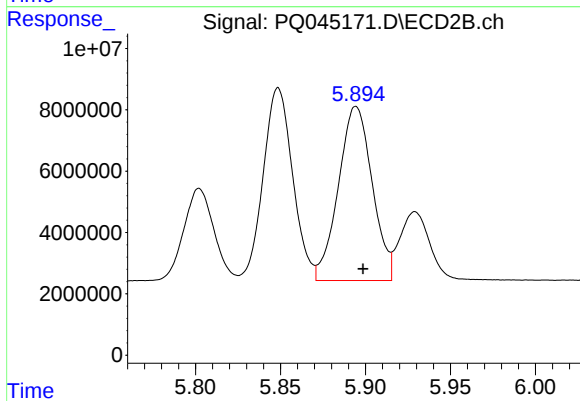
#13 AR-1232-3

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 37098179
Conc: 626.45 ng/ml



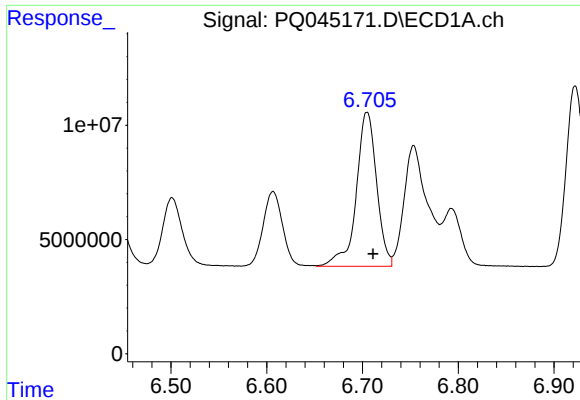
#14 AR-1232-4

R.T.: 6.607 min
Delta R.T.: -0.007 min
Response: 45786423
Conc: 517.51 ng/ml



#14 AR-1232-4

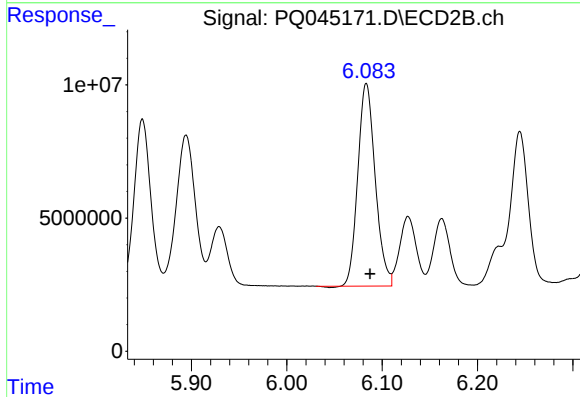
R.T.: 5.894 min
Delta R.T.: -0.004 min
Response: 78737772
Conc: 1309.80 ng/ml



#15 AR-1232-5

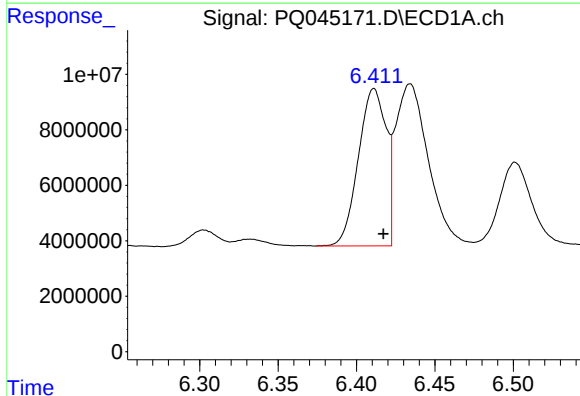
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 99808563
Conc: 1504.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



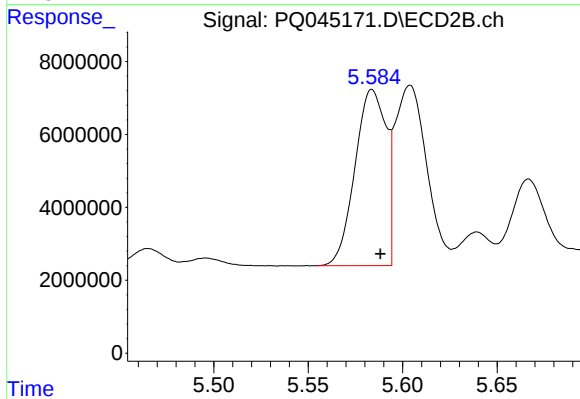
#15 AR-1232-5

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 96322170
Conc: 1322.51 ng/ml



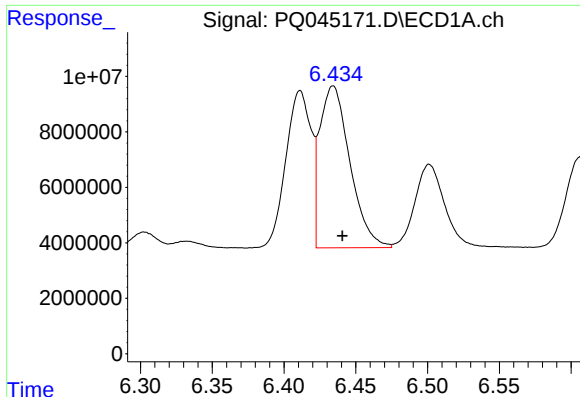
#16 AR-1242-1

R.T.: 6.411 min
Delta R.T.: -0.006 min
Response: 70006043
Conc: 325.69 ng/ml



#16 AR-1242-1

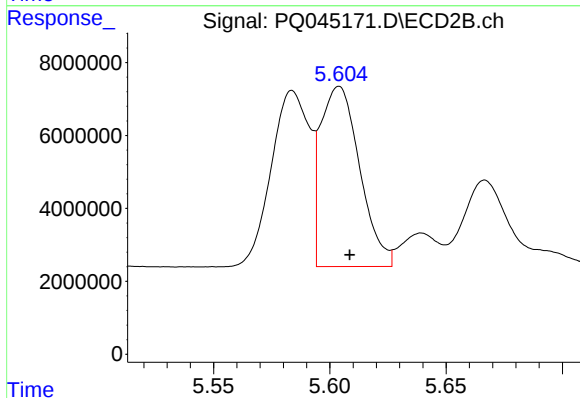
R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 55514712
Conc: 354.08 ng/ml



#17 AR-1242-2

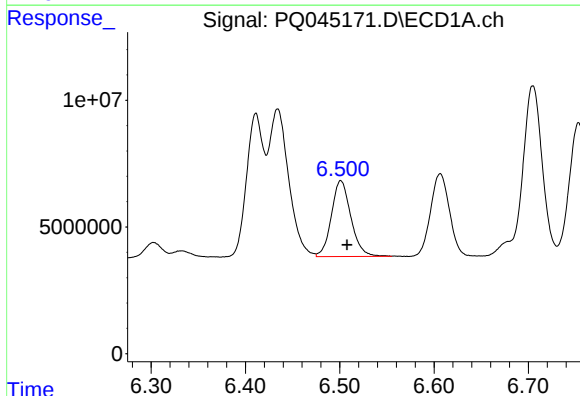
R.T.: 6.434 min
Delta R.T.: -0.007 min
Response: 85115375
Conc: 264.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



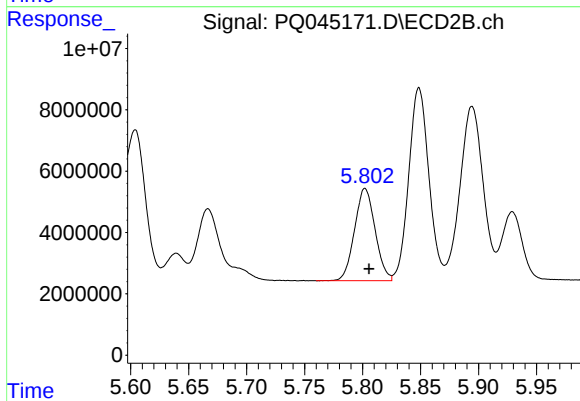
#17 AR-1242-2

R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 57805723
Conc: 258.36 ng/ml



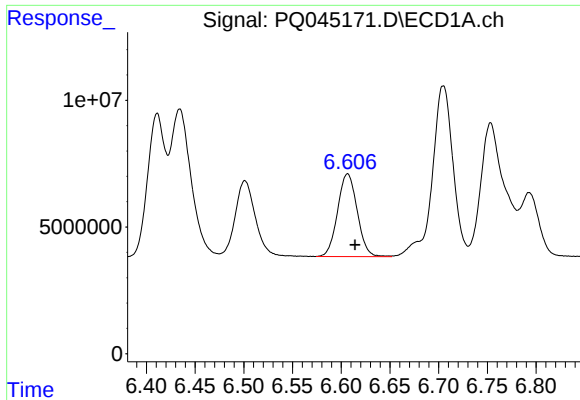
#18 AR-1242-3

R.T.: 6.501 min
Delta R.T.: -0.007 min
Response: 42959739
Conc: 216.52 ng/ml



#18 AR-1242-3

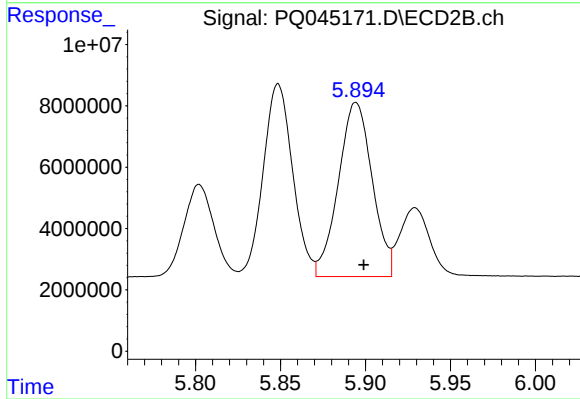
R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 37098179
Conc: 333.78 ng/ml



#19 AR-1242-4

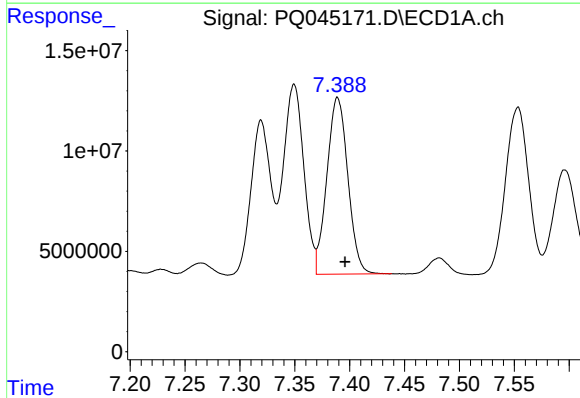
R.T.: 6.607 min
Delta R.T.: -0.007 min
Response: 45786423
Conc: 283.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



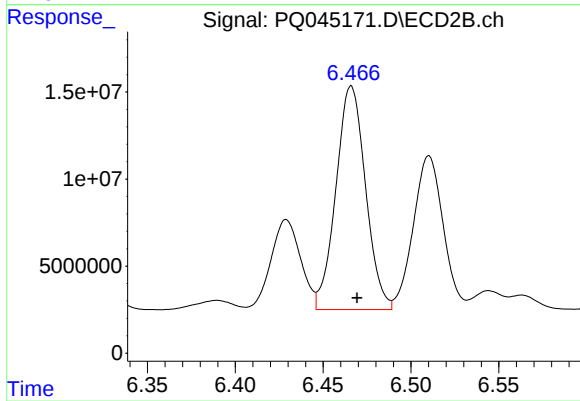
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 78737772
Conc: 660.30 ng/ml



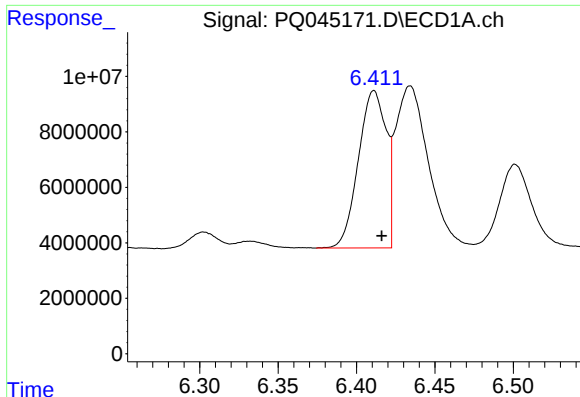
#20 AR-1242-5

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 116994705
Conc: 646.51 ng/ml



#20 AR-1242-5

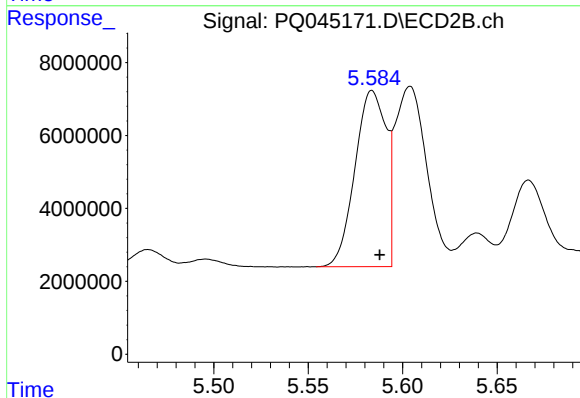
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 150697396
Conc: 917.75 ng/ml



#21 AR-1248-1

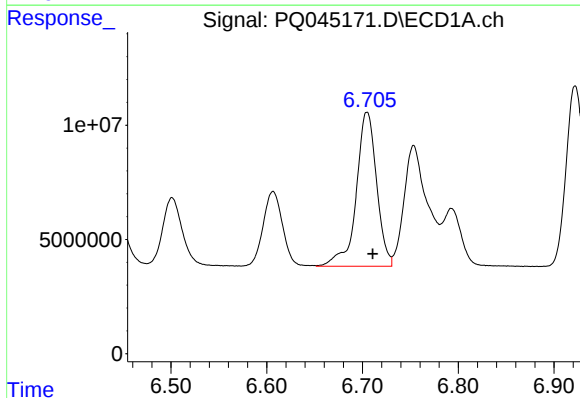
R.T.: 6.411 min
Delta R.T.: -0.005 min
Response: 70006043
Conc: 415.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



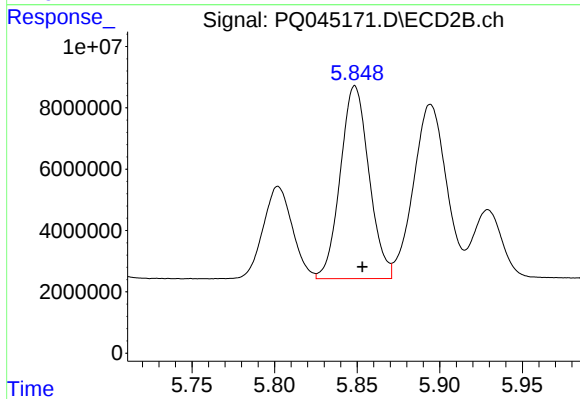
#21 AR-1248-1

R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 55514712
Conc: 446.08 ng/ml



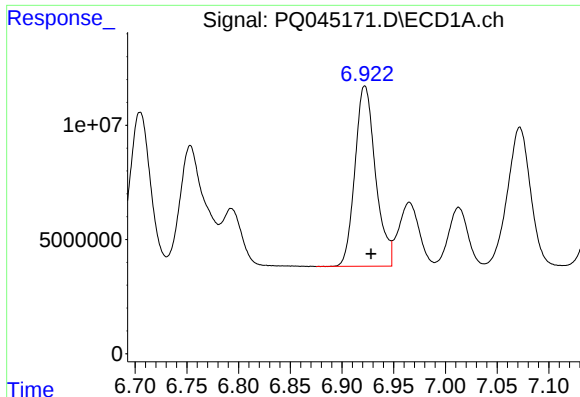
#22 AR-1248-2

R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 99808563
Conc: 407.49 ng/ml



#22 AR-1248-2

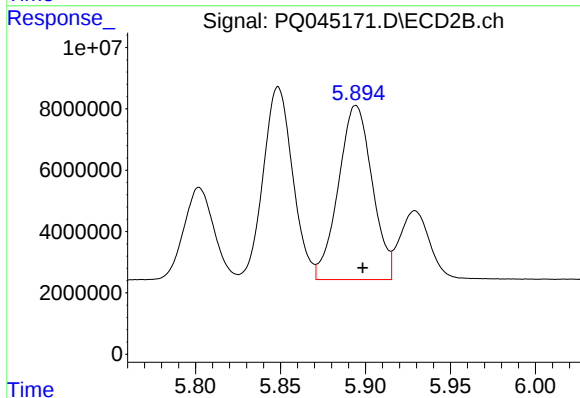
R.T.: 5.849 min
Delta R.T.: -0.005 min
Response: 75964253
Conc: 446.25 ng/ml



#23 AR-1248-3

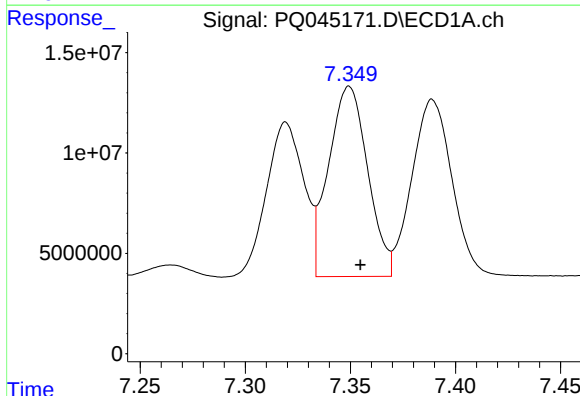
R.T.: 6.922 min
Delta R.T.: -0.006 min
Response: 109104032
Conc: 400.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



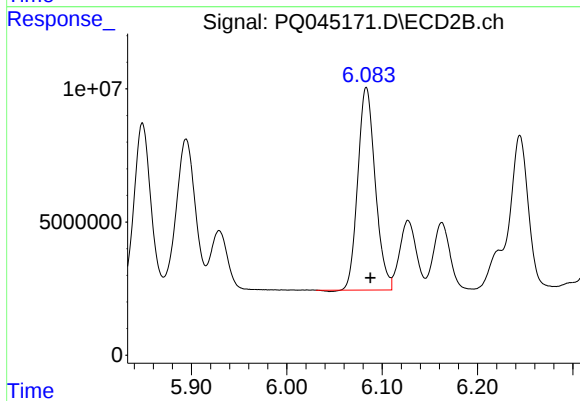
#23 AR-1248-3

R.T.: 5.894 min
Delta R.T.: -0.004 min
Response: 78737772
Conc: 440.26 ng/ml



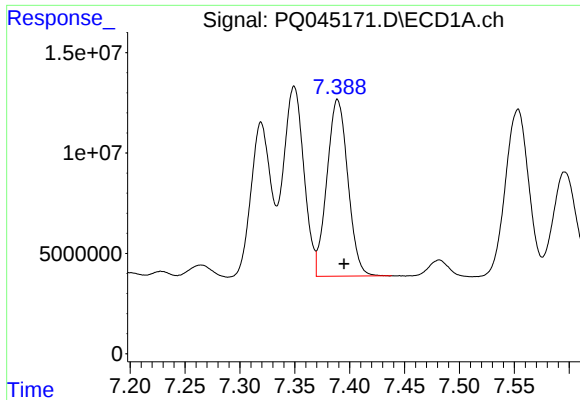
#24 AR-1248-4

R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 122841433
Conc: 405.60 ng/ml



#24 AR-1248-4

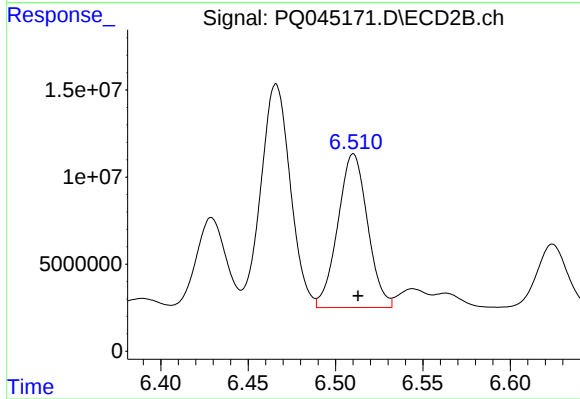
R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 96322170
Conc: 442.51 ng/ml



#25 AR-1248-5

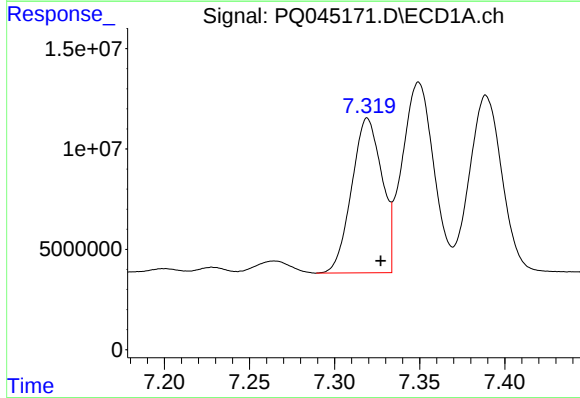
R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 116994705
Conc: 409.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



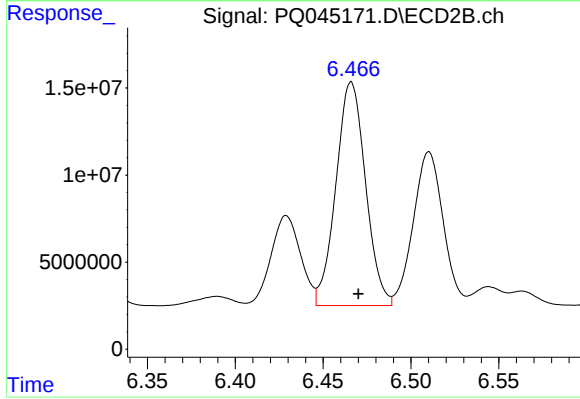
#25 AR-1248-5

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 104512401
Conc: 468.69 ng/ml



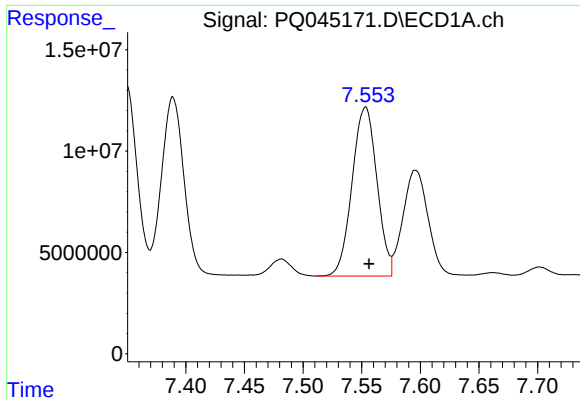
#26 AR-1254-1

R.T.: 7.319 min
Delta R.T.: -0.008 min
Response: 95382513
Conc: 294.79 ng/ml



#26 AR-1254-1

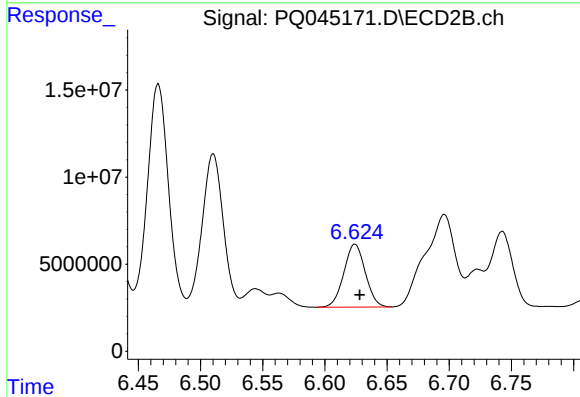
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 150697396
Conc: 414.25 ng/ml



#27 AR-1254-2

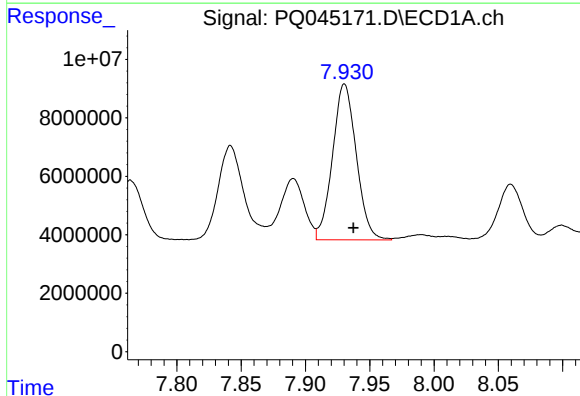
R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 122974355
Conc: 247.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



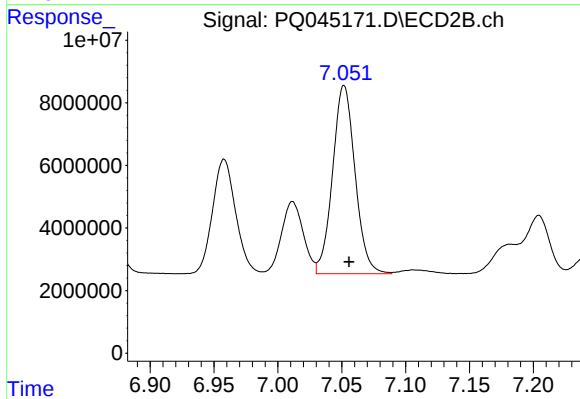
#27 AR-1254-2

R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 43420858
Conc: 134.81 ng/ml



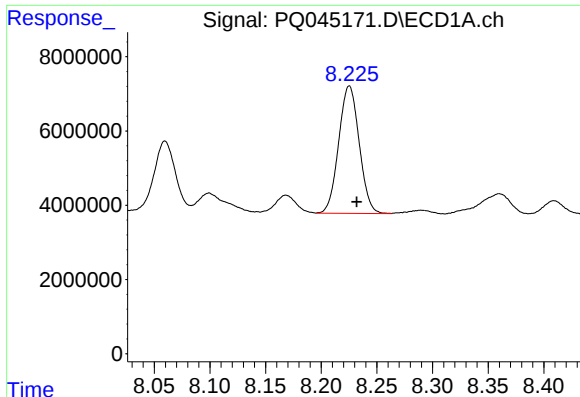
#28 AR-1254-3

R.T.: 7.930 min
Delta R.T.: -0.007 min
Response: 68650070
Conc: 128.98 ng/ml



#28 AR-1254-3

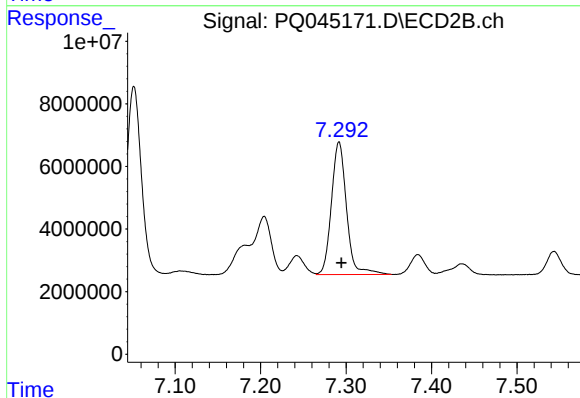
R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 73772133
Conc: 133.00 ng/ml



#29 AR-1254-4

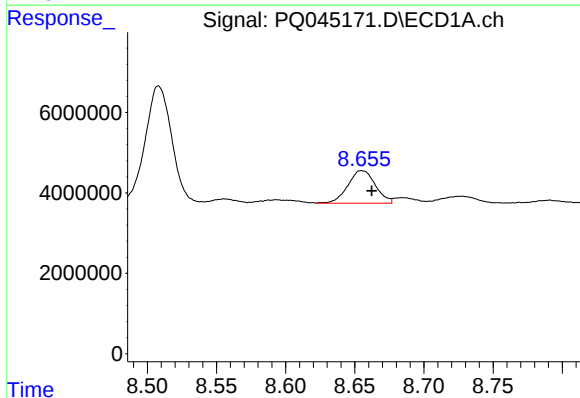
R.T.: 8.225 min
Delta R.T.: -0.007 min
Response: 43977725
Conc: 113.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



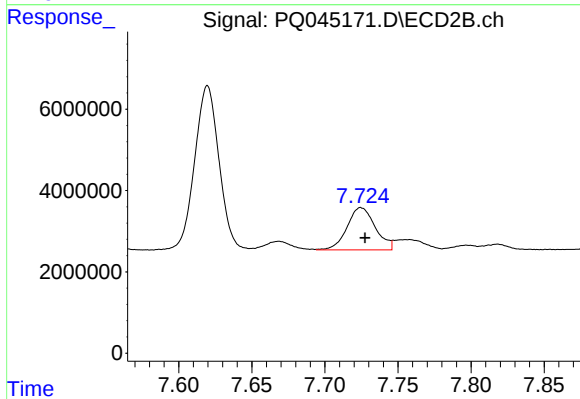
#29 AR-1254-4

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 52051736
Conc: 145.63 ng/ml



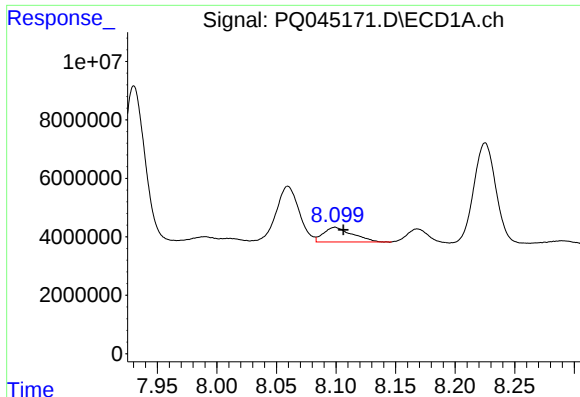
#30 AR-1254-5

R.T.: 8.655 min
Delta R.T.: -0.007 min
Response: 11183912
Conc: 25.89 ng/ml



#30 AR-1254-5

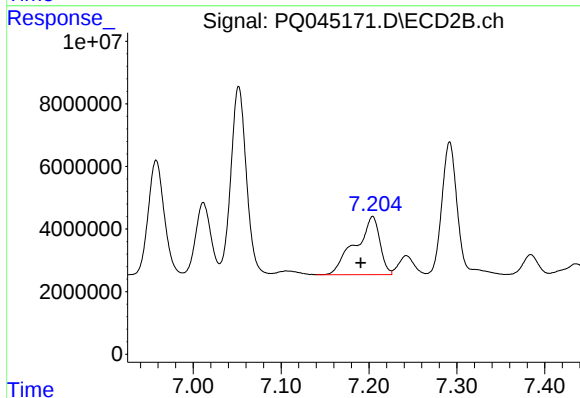
R.T.: 7.725 min
Delta R.T.: -0.003 min
Response: 13987793
Conc: 27.97 ng/ml



#31 AR-1260-1

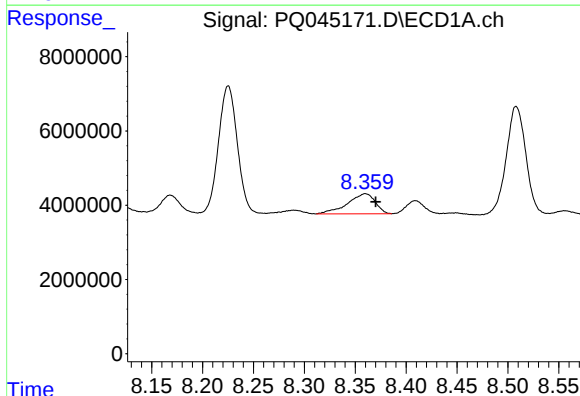
R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 8387519
Conc: 26.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



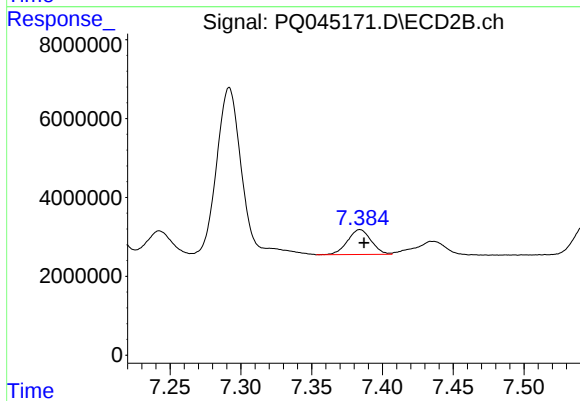
#31 AR-1260-1

R.T.: 7.204 min
Delta R.T.: 0.013 min
Response: 36184688
Conc: 118.11 ng/ml



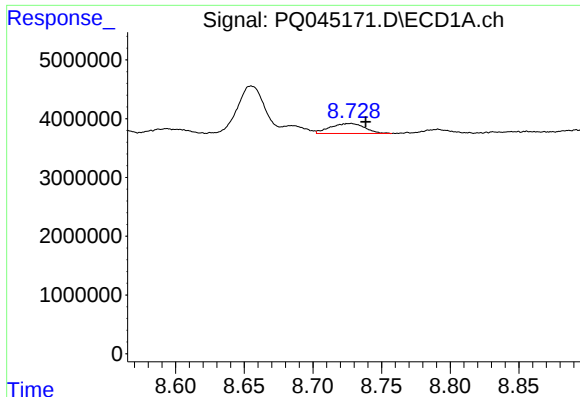
#32 AR-1260-2

R.T.: 8.360 min
Delta R.T.: -0.010 min
Response: 10310822
Conc: 25.18 ng/ml



#32 AR-1260-2

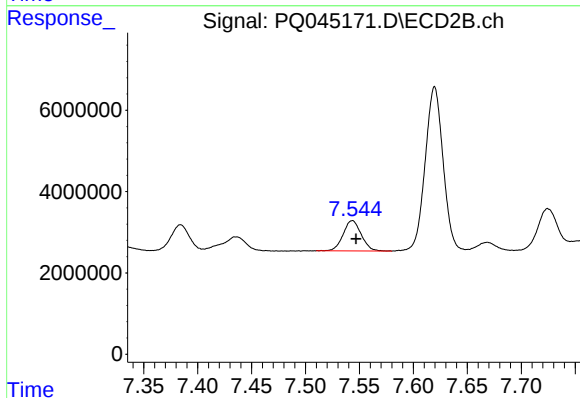
R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 7281642
Conc: 18.44 ng/ml



#33 AR-1260-3

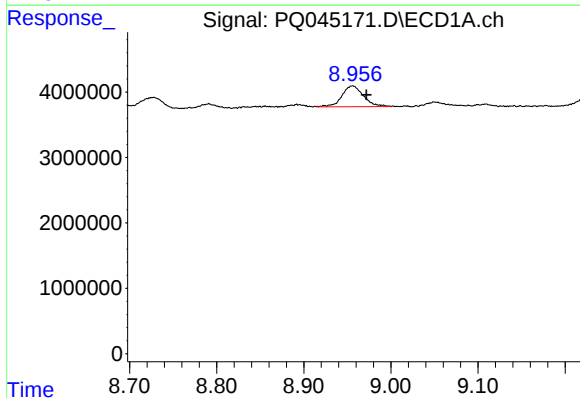
R.T.: 8.727 min
Delta R.T.: -0.011 min
Response: 2992492
Conc: 9.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



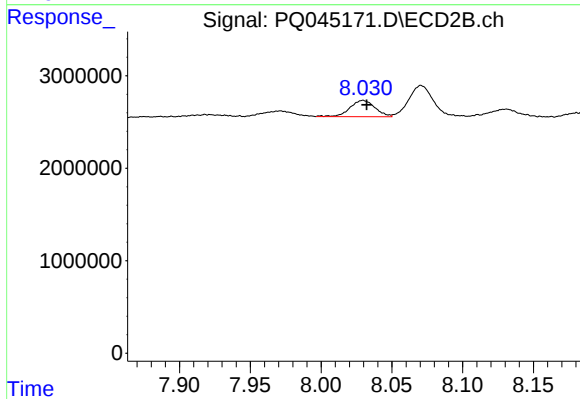
#33 AR-1260-3

R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 8706675
Conc: 25.41 ng/ml



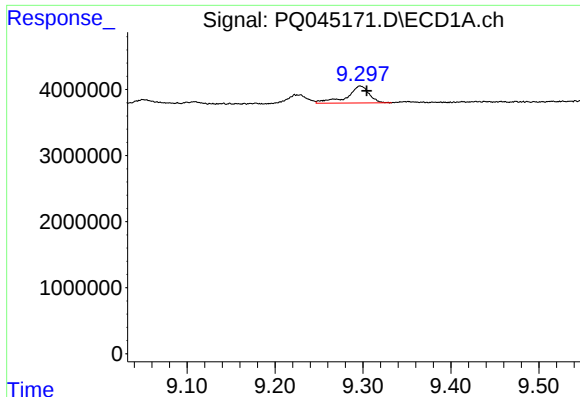
#34 AR-1260-4

R.T.: 8.956 min
Delta R.T.: -0.016 min
Response: 5503732
Conc: 14.47 ng/ml



#34 AR-1260-4

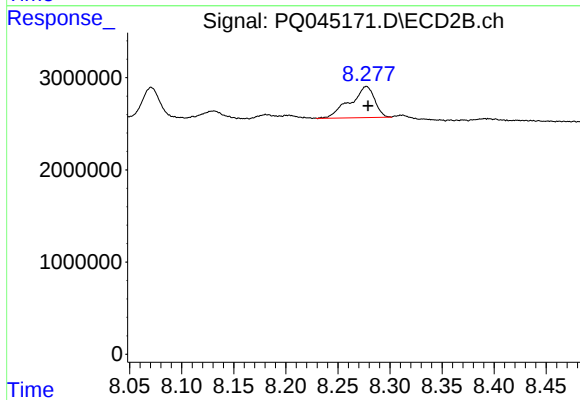
R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 2167606
Conc: 7.07 ng/ml



#35 AR-1260-5

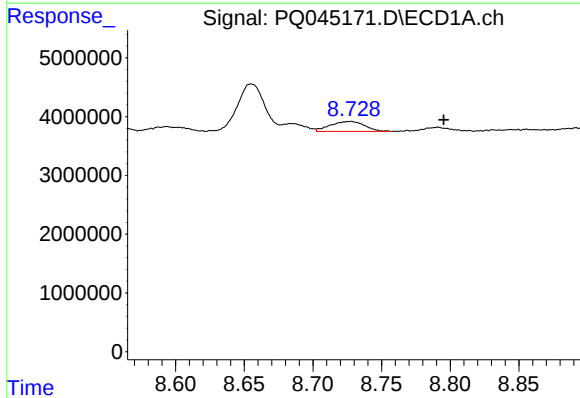
R.T.: 9.297 min
Delta R.T.: -0.007 min
Response: 4514513
Conc: 5.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



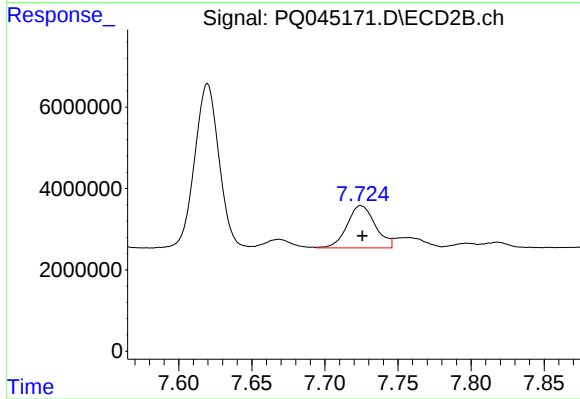
#35 AR-1260-5

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 5541491
Conc: 7.08 ng/ml



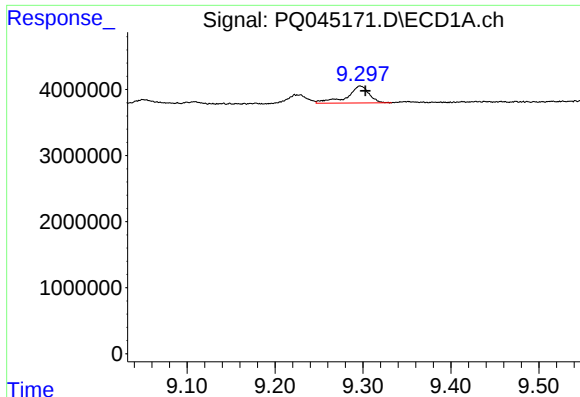
#36 AR-1262-1

R.T.: 8.727 min
Delta R.T.: -0.068 min
Response: 2992492
Conc: 14.35 ng/ml



#36 AR-1262-1

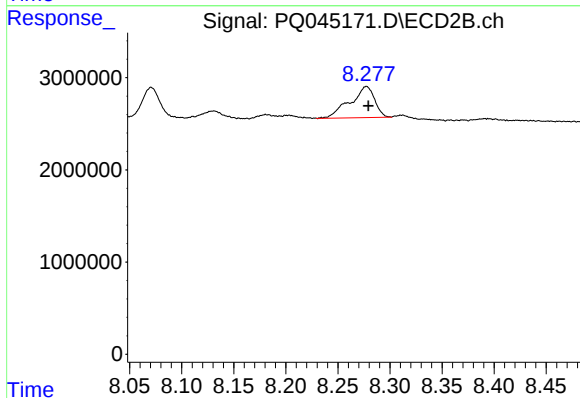
R.T.: 7.725 min
Delta R.T.: -0.001 min
Response: 13987793
Conc: 55.27 ng/ml



#37 AR-1262-2

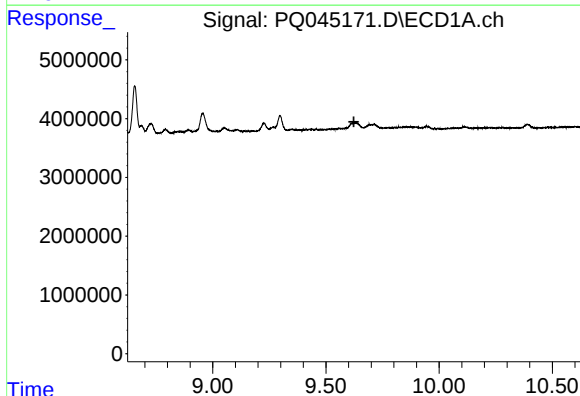
R.T.: 9.297 min
Delta R.T.: -0.006 min
Response: 4514513
Conc: 5.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



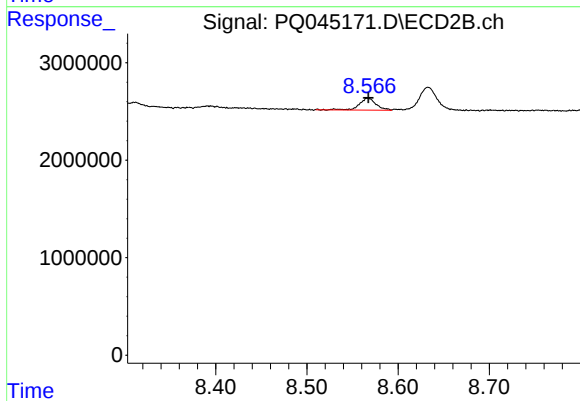
#37 AR-1262-2

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 5541491
Conc: 5.62 ng/ml



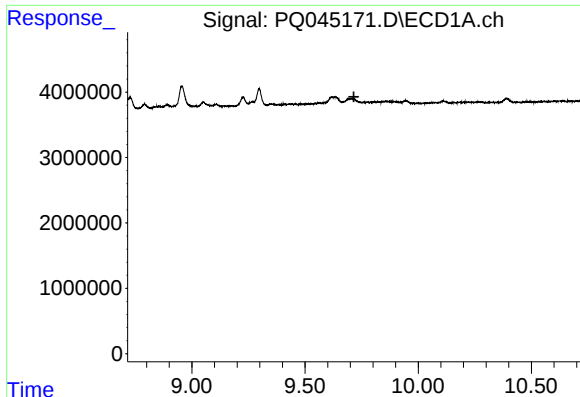
#38 AR-1262-3

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



#38 AR-1262-3

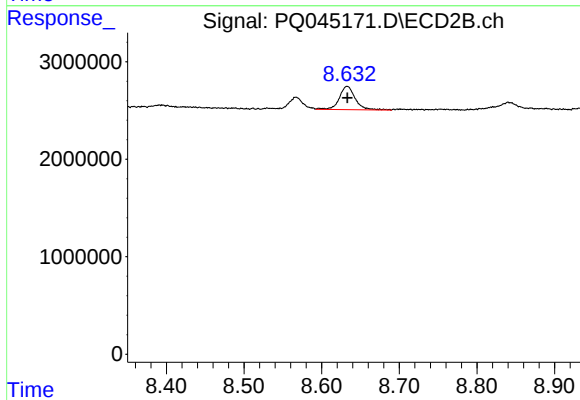
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1562839
Conc: 4.06 ng/ml



#39 AR-1262-4

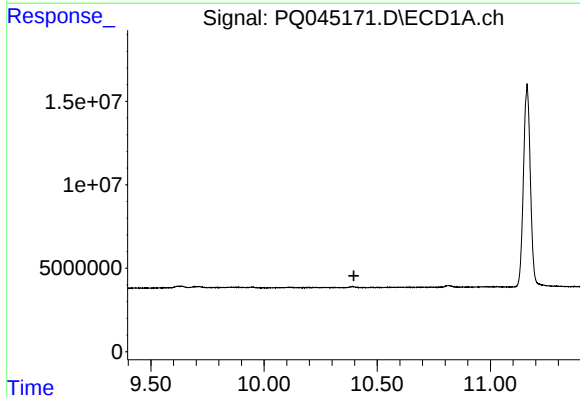
R.T.: 0.000 min
Exp R.T.: 9.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



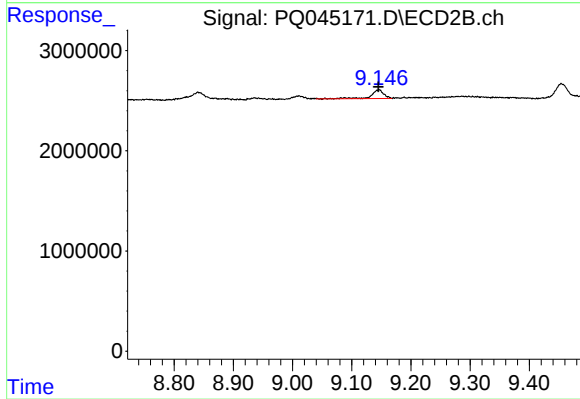
#39 AR-1262-4

R.T.: 8.633 min
Delta R.T.: 0.000 min
Response: 3434627
Conc: 4.66 ng/ml



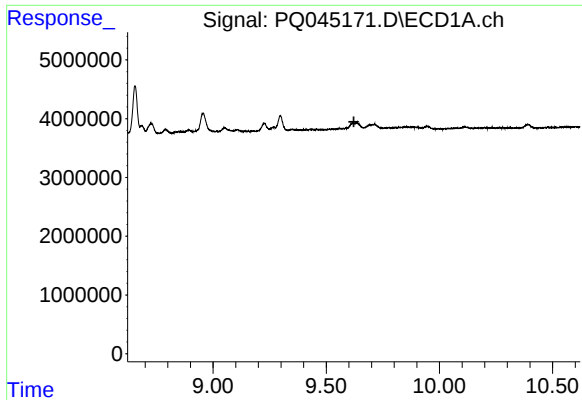
#40 AR-1262-5

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



#40 AR-1262-5

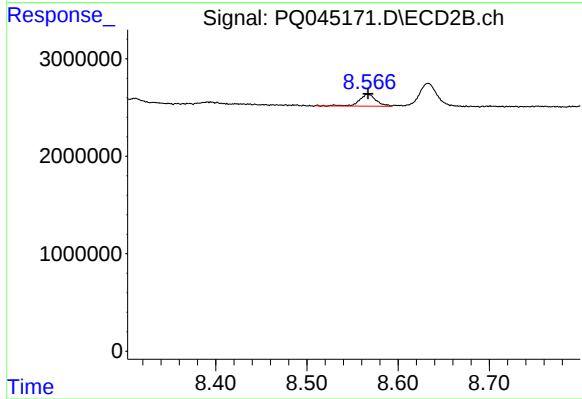
R.T.: 9.146 min
Delta R.T.: 0.001 min
Response: 1268252
Conc: 3.64 ng/ml



#41 AR-1268-1

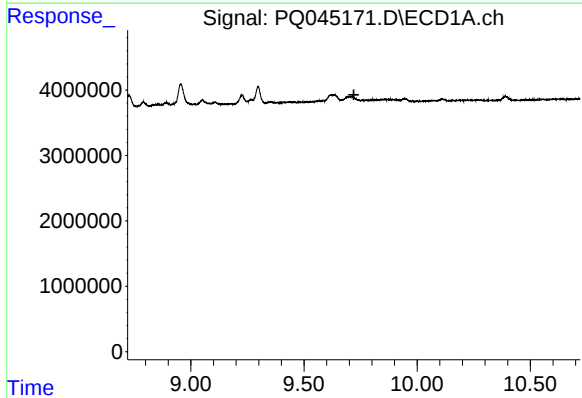
R.T.: 0.000 min
Exp R.T.: 9.622 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



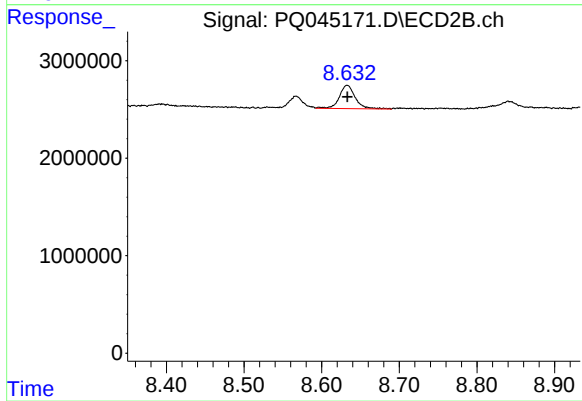
#41 AR-1268-1

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1562839
Conc: 1.30 ng/ml



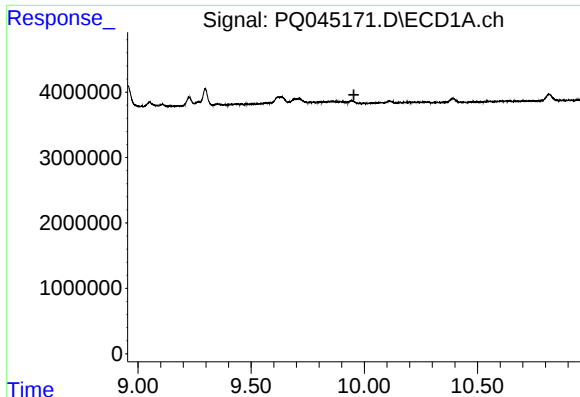
#42 AR-1268-2

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



#42 AR-1268-2

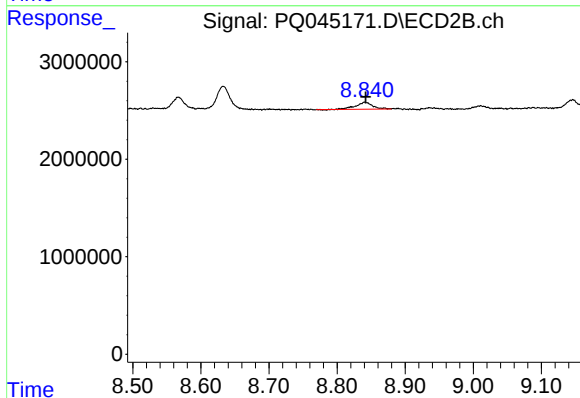
R.T.: 8.633 min
Delta R.T.: 0.000 min
Response: 3434627
Conc: 3.08 ng/ml



#43 AR-1268-3

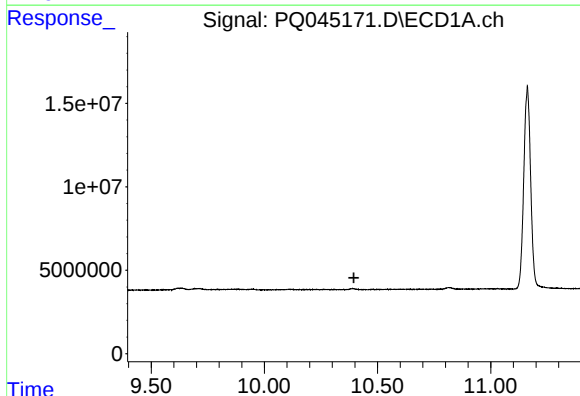
R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



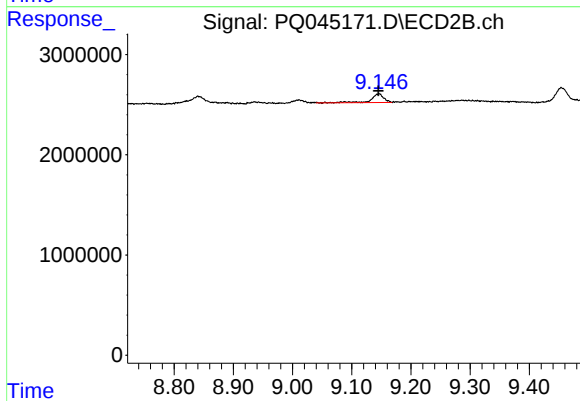
#43 AR-1268-3

R.T.: 8.840 min
Delta R.T.: -0.002 min
Response: 1231913
Conc: 1.32 ng/ml



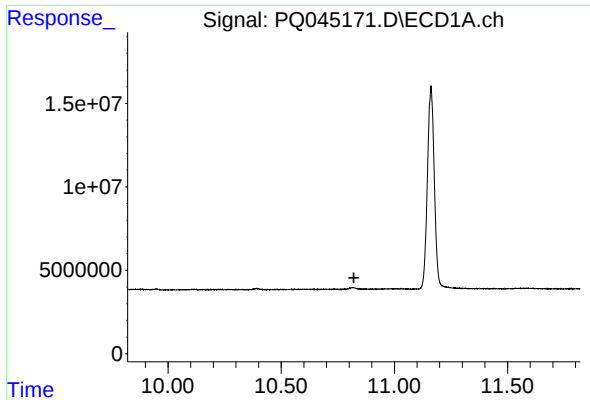
#44 AR-1268-4

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



#44 AR-1268-4

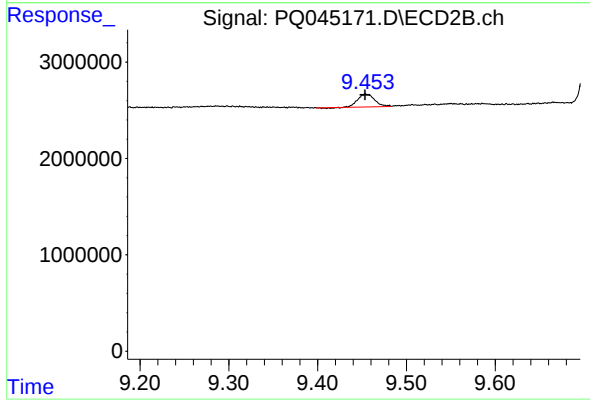
R.T.: 9.146 min
Delta R.T.: 0.001 min
Response: 1268252
Conc: 3.15 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.454 min
Delta R.T.: 0.000 min
Response: 1729662
Conc: 0.57 ng/ml