

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 21:07
 Operator : SM\AJ
 Sample : K4022-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:23:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.705	4.762	71190883	58550980	18.597	19.477
2)	SA Decachlor...	12.108	10.522	289.1E6	147.2E6	27.951	32.304
Target Compounds							
3)	L1 AR-1016-1	7.174	6.215	6179660	1421342	35.407	9.714 #
4)	L1 AR-1016-2	7.174	6.240	6179660	2271131	23.433	10.911 #
5)	L1 AR-1016-3	0.000	6.453	0	3756795	N.D.	33.274 #
6)	L1 AR-1016-4	7.329	6.507	3209843	8872871	23.817	97.327 #
7)	L1 AR-1016-5	7.693	6.759	10636905	7821009	79.935	65.077
10)	L2 AR-1221-3	0.000	5.360	0	8317195	N.D.	78.505 #
11)	L3 AR-1232-1	0.000	5.360	0	8317195	N.D.	109.634 #
12)	L3 AR-1232-2	0.000	6.240	0	2271131	N.D.	24.311 #
13)	L3 AR-1232-3	7.174	6.453	6179660	3756795	54.600	78.050 #
14)	L3 AR-1232-4	7.329	6.554	3209843	7918902	54.305	183.671 #
15)	L3 AR-1232-5	7.465	6.759	10164051	7821009	275.412	161.686 #
16)	L4 AR-1242-1	7.174	6.215	6179660	1421342	49.335	13.468 #
17)	L4 AR-1242-2	7.174	6.240	6179660	2271131	32.450	14.646 #
18)	L4 AR-1242-3	0.000	6.453	0	3756795	N.D.	45.017 #
19)	L4 AR-1242-4	7.329	6.554	3209843	7918902	32.748	97.224 #
20)	L4 AR-1242-5	8.181	7.167	30278544	32579536	228.385	260.992
21)	L5 AR-1248-1	7.174	6.215	6179660	1421342	66.621	17.696 #
22)	L5 AR-1248-2	7.465	6.507	10164051	8872871	82.596	79.211
23)	L5 AR-1248-3	7.693	6.554	10636905	7918902	67.736	68.605
24)	L5 AR-1248-4	8.143	6.759	48146425	7821009	222.891	54.029 #
25)	L5 AR-1248-5	8.181	7.214	30278544	25986844	142.180	154.425
26)	L6 AR-1254-1	8.093	7.167	35705525	32579536	176.148	128.112 #
27)	L6 AR-1254-2	8.348	7.335	70554379	19551953	204.272	85.459 #
28)	L6 AR-1254-3	8.746	7.783	92953958	46399161	224.318	114.315 #
29)	L6 AR-1254-4	9.043	8.031	35302469	29899718	97.540	109.446
30)	L6 AR-1254-5	9.504	8.477	297.6E6	223.7E6	741.237	560.226
31)	L7 AR-1260-1	8.913	7.924	19982706	29836113	66.143	112.185 #
32)	L7 AR-1260-2	9.179	8.127	231.2E6	23195434	504.492	63.926 #
33)	L7 AR-1260-3	9.558	8.292	22143327	17554338	52.152	55.902
34)	L7 AR-1260-4	9.798	8.790	37754632	14272601	89.690	50.136 #
35)	L7 AR-1260-5	10.150	9.041	46330280	44671359	43.357	60.076 #
36)	L8 AR-1262-1	9.619	8.571	9093955	9930893	37.040	51.632 #
37)	L8 AR-1262-2	10.150	9.041	46330280	44671359	38.150	53.171 #
38)	L8 AR-1262-3	10.506	9.335	33270985	9731286	39.923	27.668 #
39)	L8 AR-1262-4	10.564	9.401	18561621	27331149	28.492	46.505 #
40)	L8 AR-1262-5	11.297	9.925	11716400	12532354	25.631	52.228 #
41)	L9 AR-1268-1	10.506	9.335	33270985	9731286	18.437	8.517 #
42)	L9 AR-1268-2	10.564	9.401	18561621	27331149	11.633	28.126 #
43)	L9 AR-1268-3	0.000	9.616	0	6495942	N.D.	8.138 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 21:07
 Operator : SM\AJ
 Sample : K4022-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:23:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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
44) L9	AR-1268-4	11.297	9.925	11716400	12532354	20.640	40.839 #
45) L9	AR-1268-5	11.742	10.242	7989112	3035026	1.844	1.536

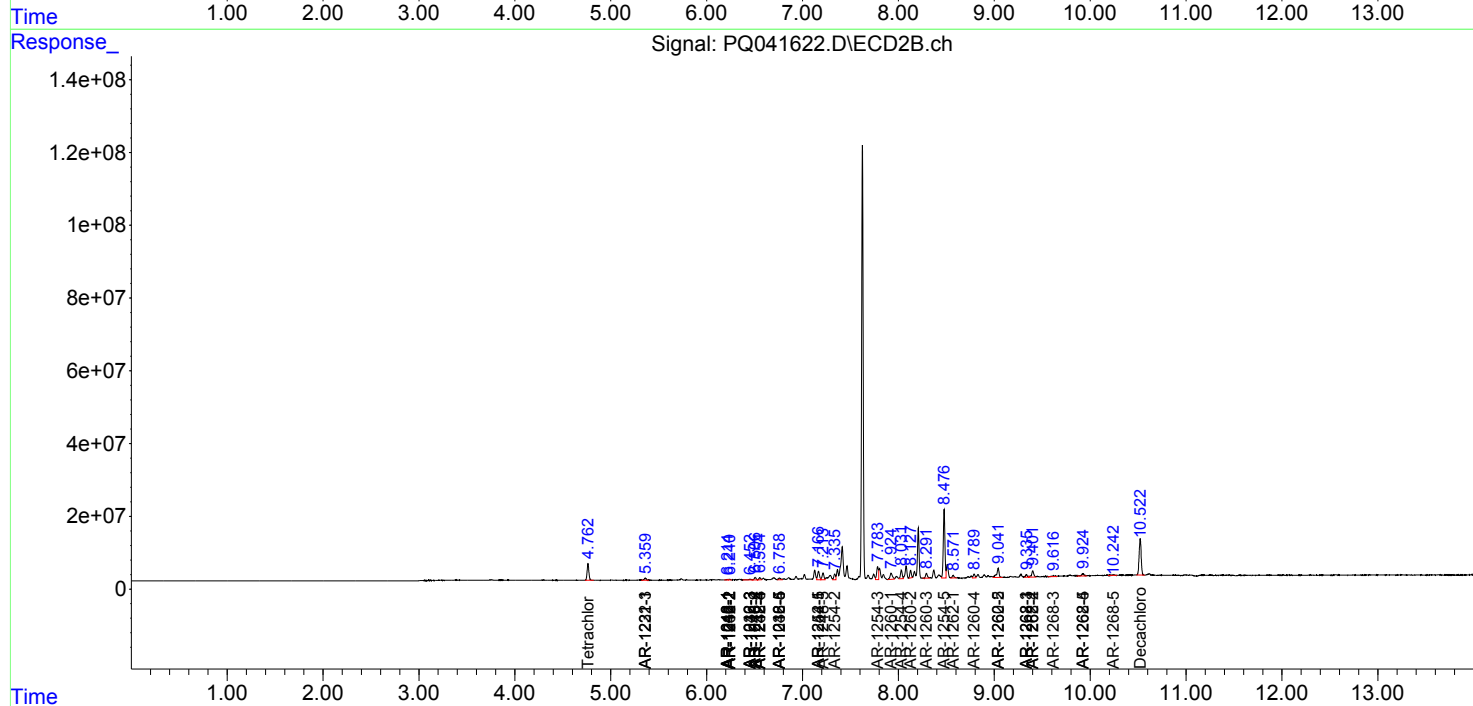
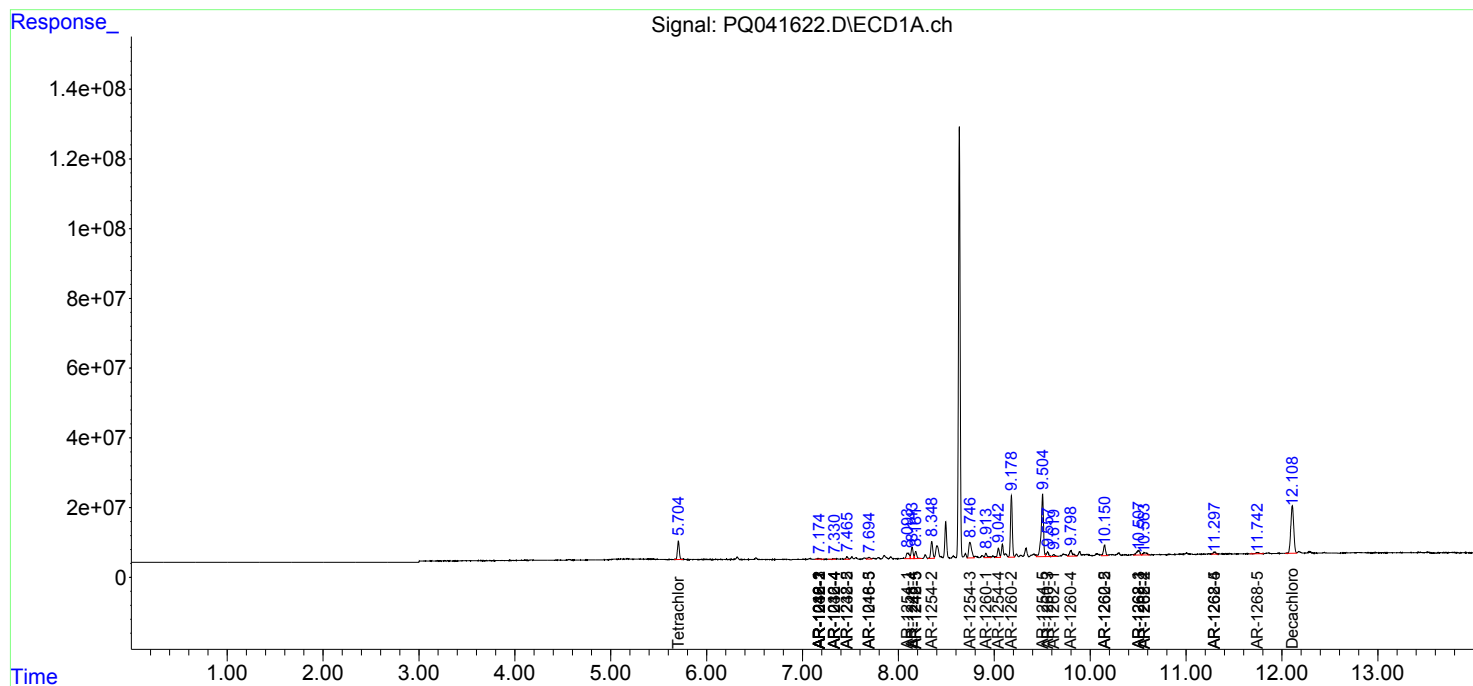
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

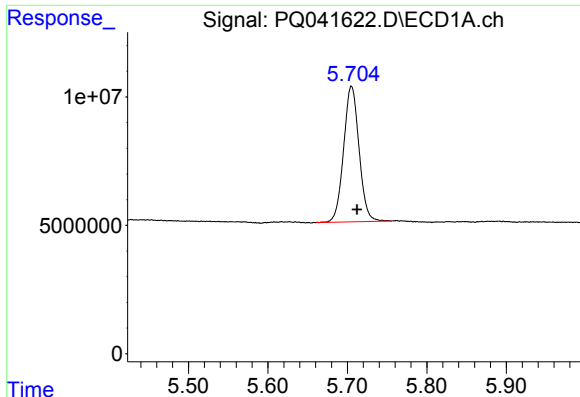
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 21:07
Operator : SM\AJ
Sample : K4022-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:23:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

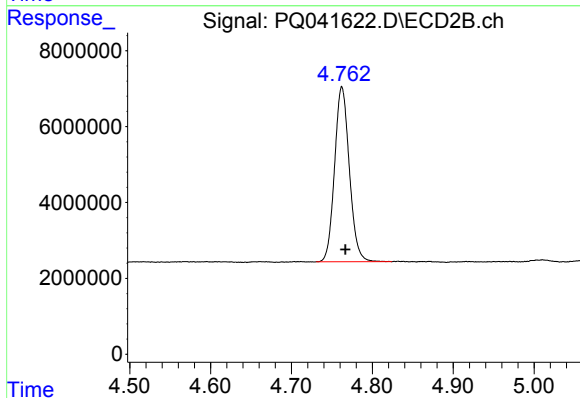




#1 Tetrachloro-m-xylene

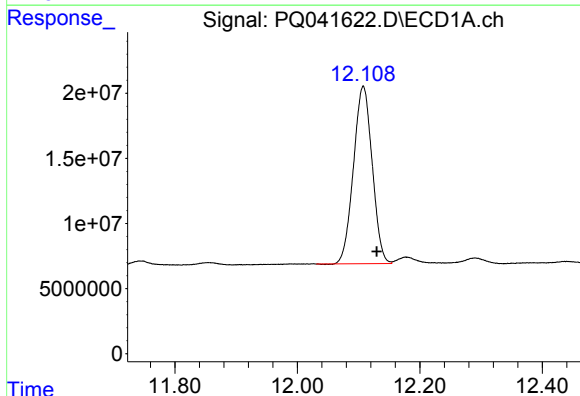
R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 71190883
Conc: 18.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



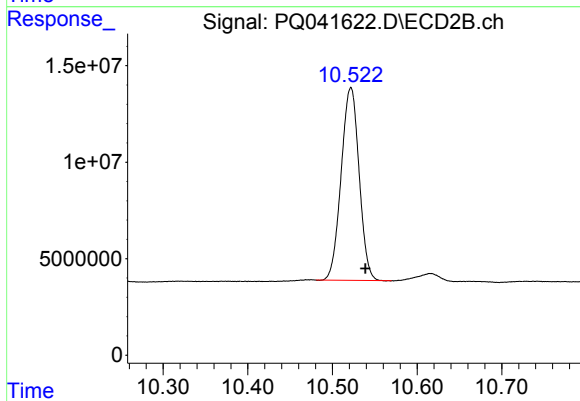
#1 Tetrachloro-m-xylene

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 58550980
Conc: 19.48 ng/ml



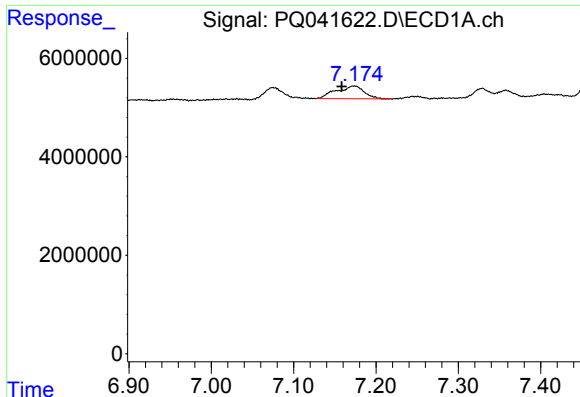
#2 Decachlorobiphenyl

R.T.: 12.108 min
Delta R.T.: -0.022 min
Response: 289115059
Conc: 27.95 ng/ml



#2 Decachlorobiphenyl

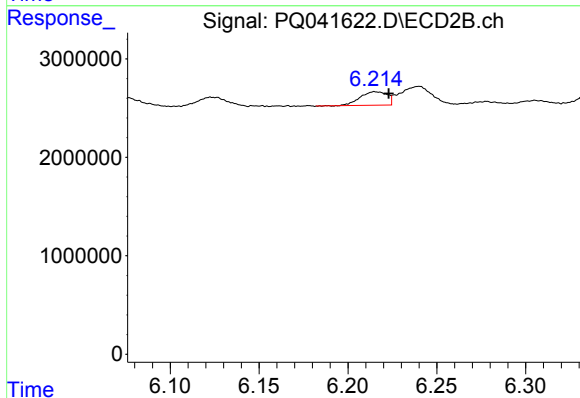
R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 147201725
Conc: 32.30 ng/ml



#3 AR-1016-1

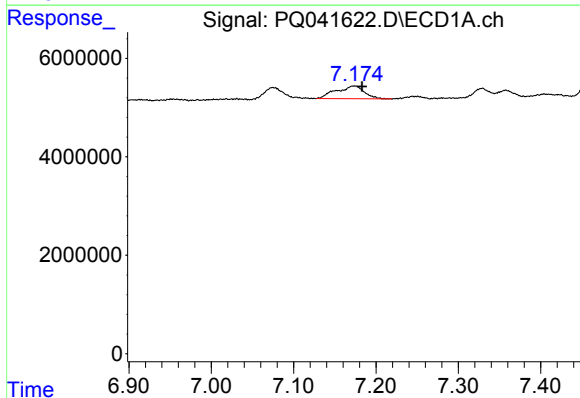
R.T.: 7.174 min
Delta R.T.: 0.015 min
Response: 6179660
Conc: 35.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



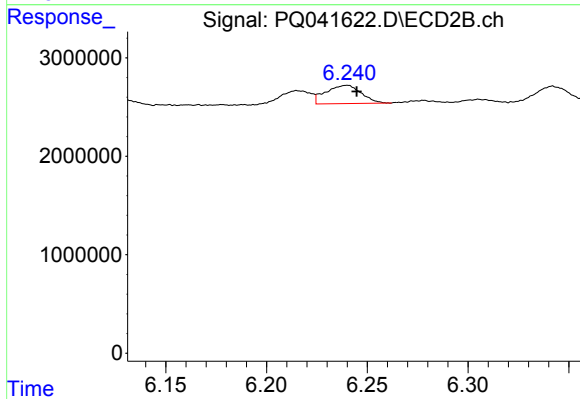
#3 AR-1016-1

R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 1421342
Conc: 9.71 ng/ml



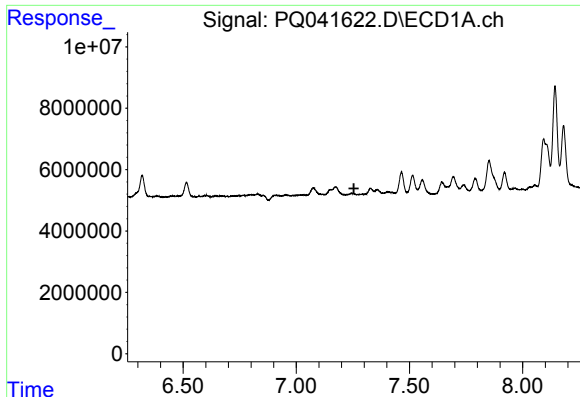
#4 AR-1016-2

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 6179660
Conc: 23.43 ng/ml



#4 AR-1016-2

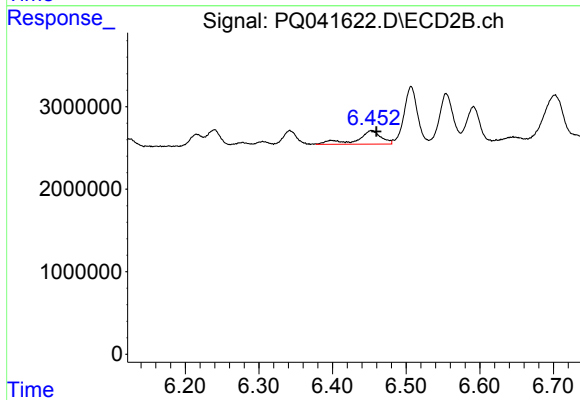
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 2271131
Conc: 10.91 ng/ml



#5 AR-1016-3

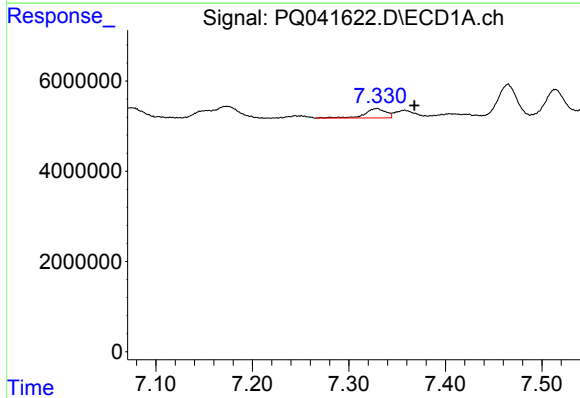
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



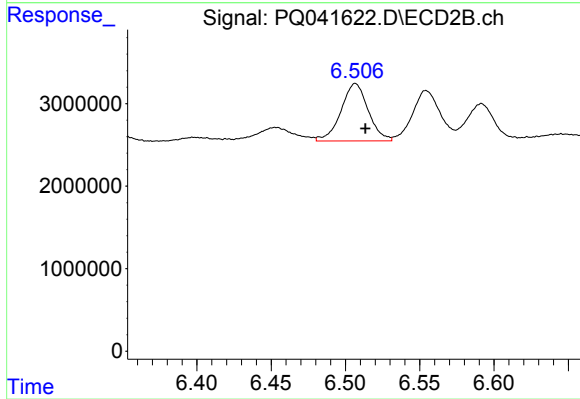
#5 AR-1016-3

R.T.: 6.453 min
Delta R.T.: -0.006 min
Response: 3756795
Conc: 33.27 ng/ml



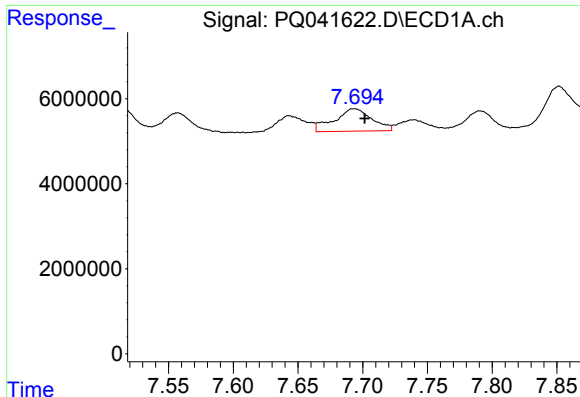
#6 AR-1016-4

R.T.: 7.329 min
Delta R.T.: -0.039 min
Response: 3209843
Conc: 23.82 ng/ml



#6 AR-1016-4

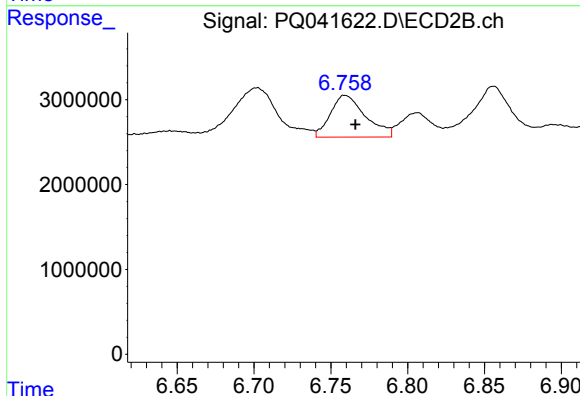
R.T.: 6.507 min
Delta R.T.: -0.007 min
Response: 8872871
Conc: 97.33 ng/ml



#7 AR-1016-5

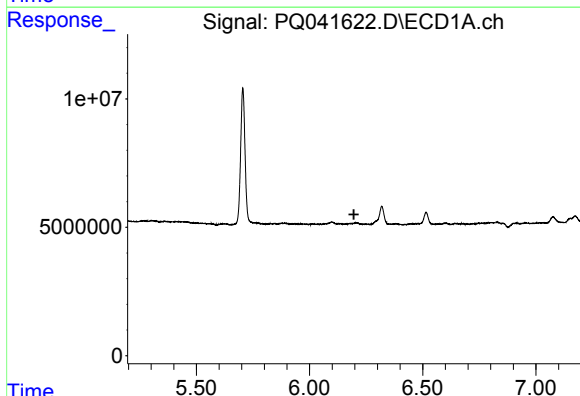
R.T.: 7.693 min
Delta R.T.: -0.008 min
Response: 10636905
Conc: 79.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



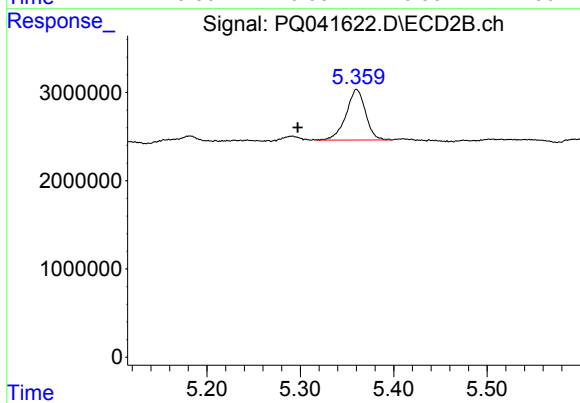
#7 AR-1016-5

R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 7821009
Conc: 65.08 ng/ml



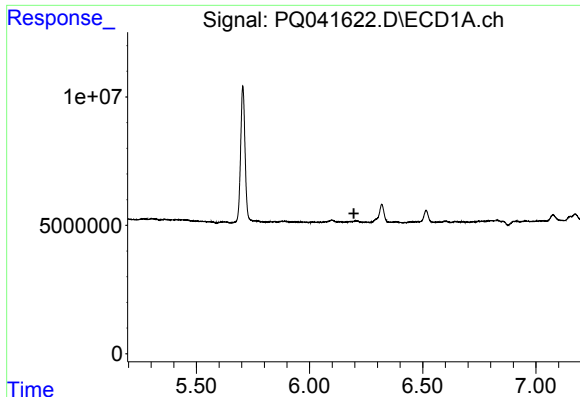
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

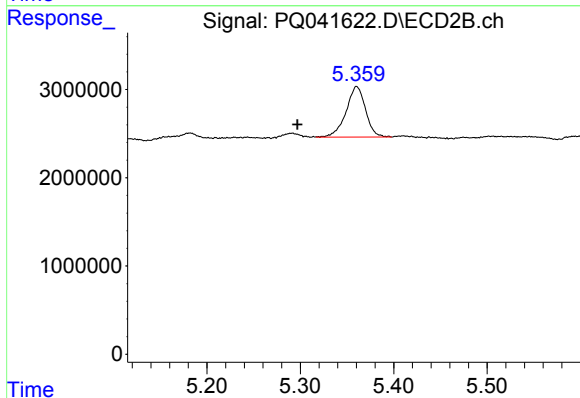
R.T.: 5.360 min
Delta R.T.: 0.063 min
Response: 8317195
Conc: 78.51 ng/ml



#11 AR-1232-1

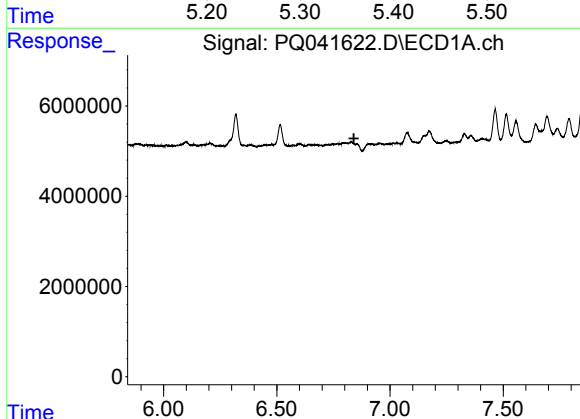
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



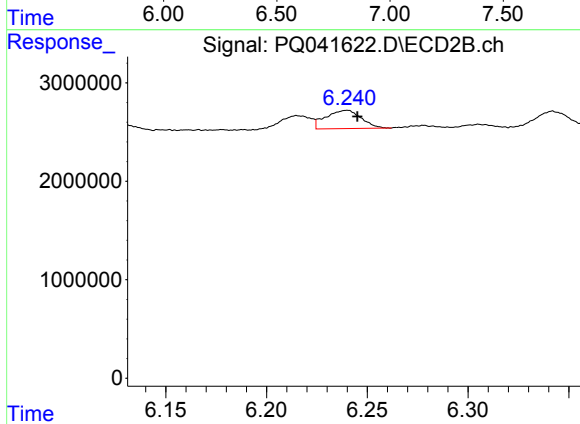
#11 AR-1232-1

R.T.: 5.360 min
Delta R.T.: 0.063 min
Response: 8317195
Conc: 109.63 ng/ml



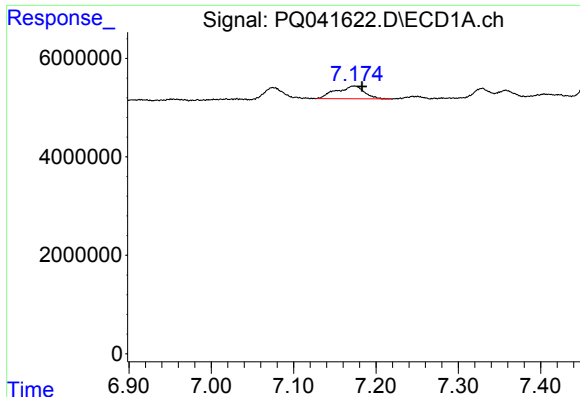
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.841 min
Response: 0
Conc: N.D.



#12 AR-1232-2

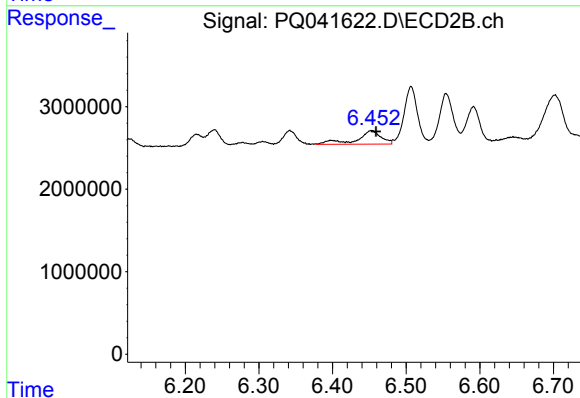
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 2271131
Conc: 24.31 ng/ml



#13 AR-1232-3

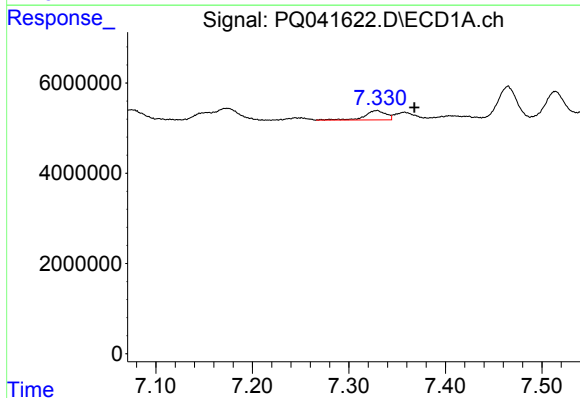
R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 6179660
Conc: 54.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



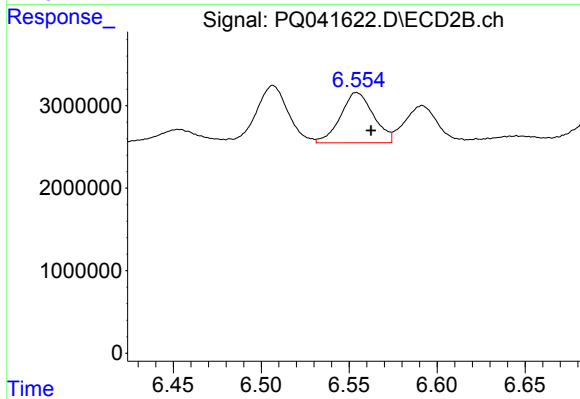
#13 AR-1232-3

R.T.: 6.453 min
Delta R.T.: -0.006 min
Response: 3756795
Conc: 78.05 ng/ml



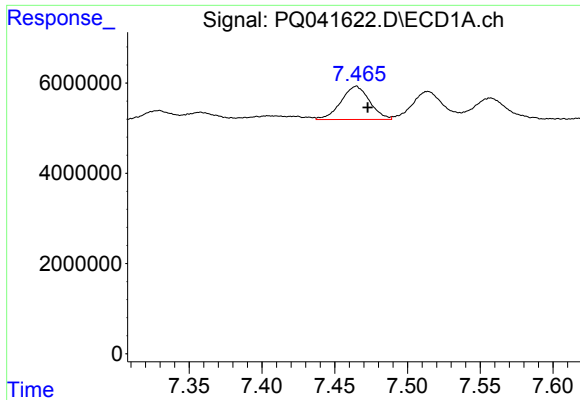
#14 AR-1232-4

R.T.: 7.329 min
Delta R.T.: -0.039 min
Response: 3209843
Conc: 54.30 ng/ml



#14 AR-1232-4

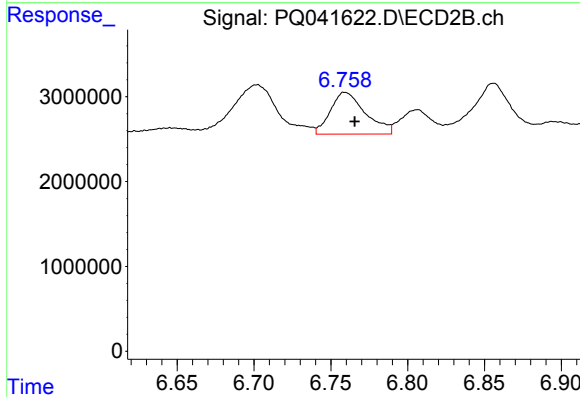
R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 7918902
Conc: 183.67 ng/ml



#15 AR-1232-5

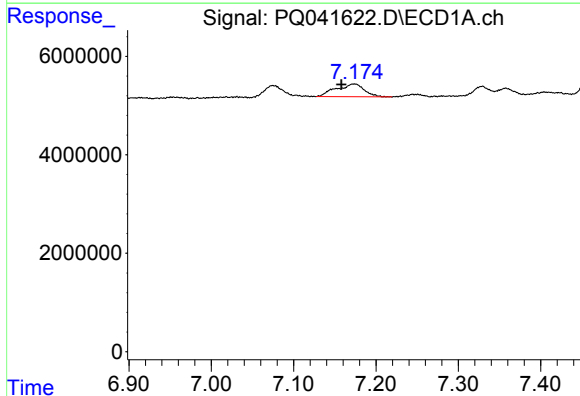
R.T.: 7.465 min
Delta R.T.: -0.008 min
Response: 10164051
Conc: 275.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



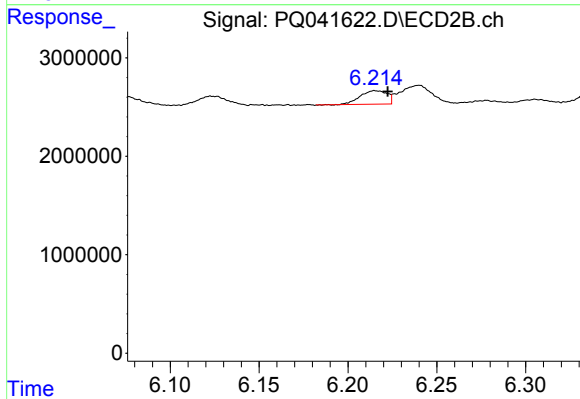
#15 AR-1232-5

R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 7821009
Conc: 161.69 ng/ml



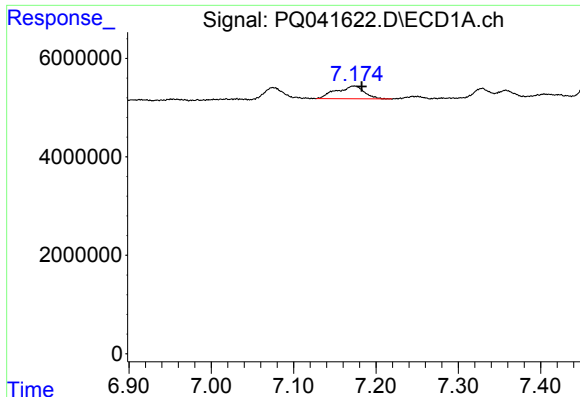
#16 AR-1242-1

R.T.: 7.174 min
Delta R.T.: 0.016 min
Response: 6179660
Conc: 49.34 ng/ml



#16 AR-1242-1

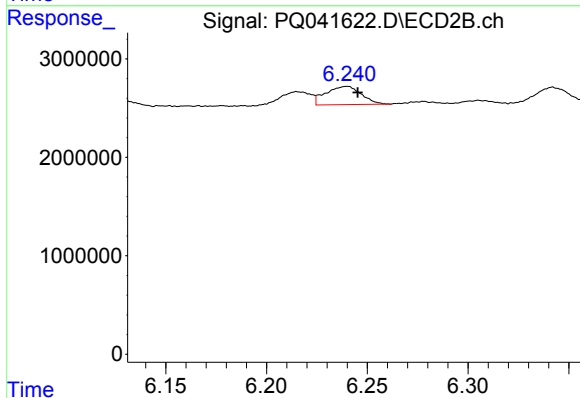
R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 1421342
Conc: 13.47 ng/ml



#17 AR-1242-2

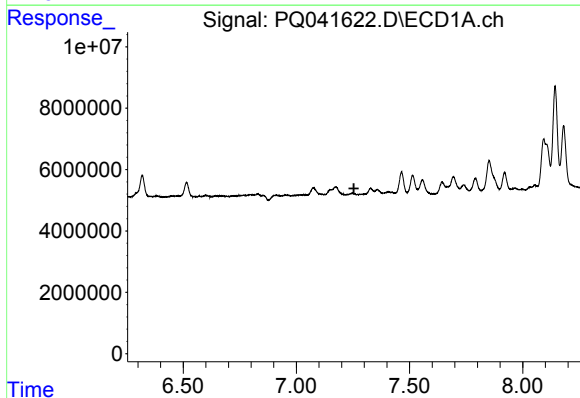
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 6179660
Conc: 32.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



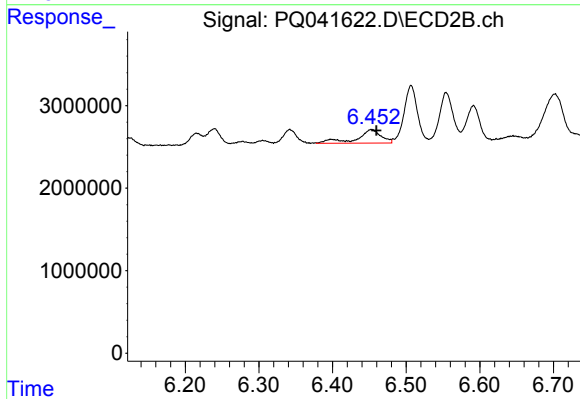
#17 AR-1242-2

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 2271131
Conc: 14.65 ng/ml



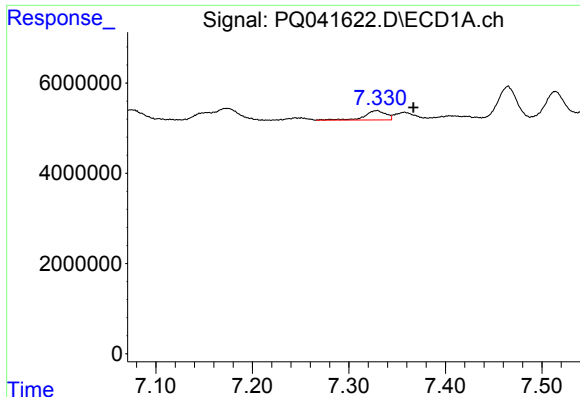
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.254 min
Response: 0
Conc: N.D.



#18 AR-1242-3

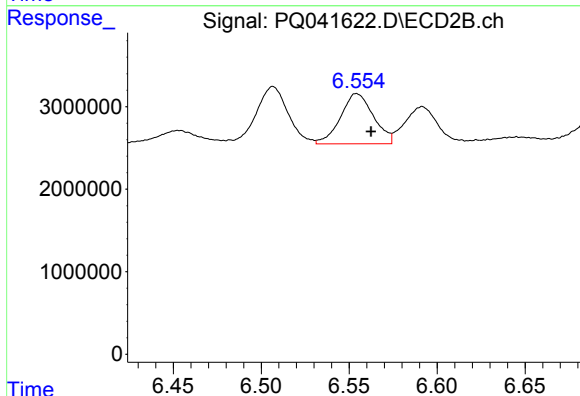
R.T.: 6.453 min
Delta R.T.: -0.007 min
Response: 3756795
Conc: 45.02 ng/ml



#19 AR-1242-4

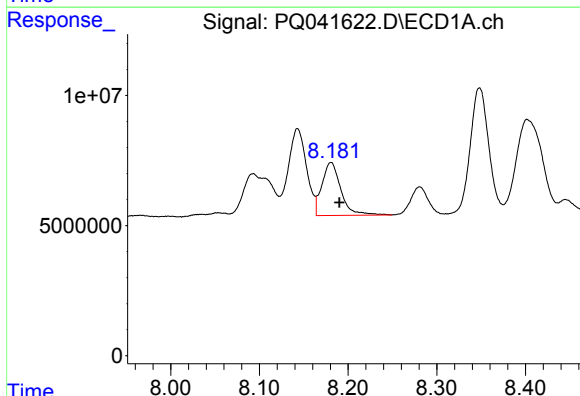
R.T.: 7.329 min
Delta R.T.: -0.038 min
Response: 3209843
Conc: 32.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



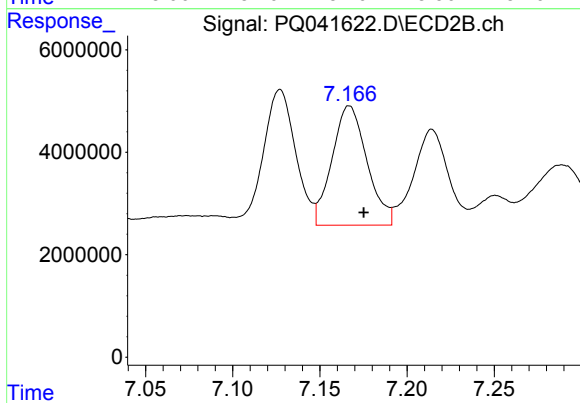
#19 AR-1242-4

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 7918902
Conc: 97.22 ng/ml



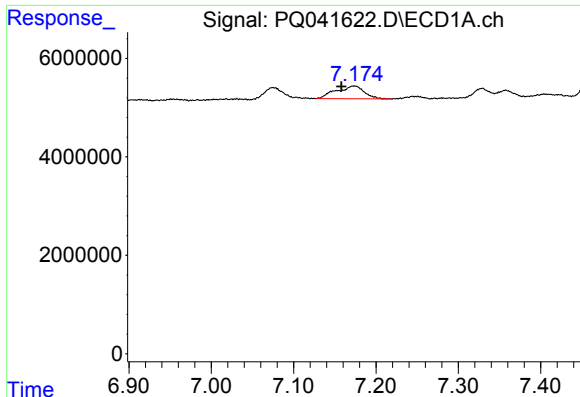
#20 AR-1242-5

R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 30278544
Conc: 228.39 ng/ml



#20 AR-1242-5

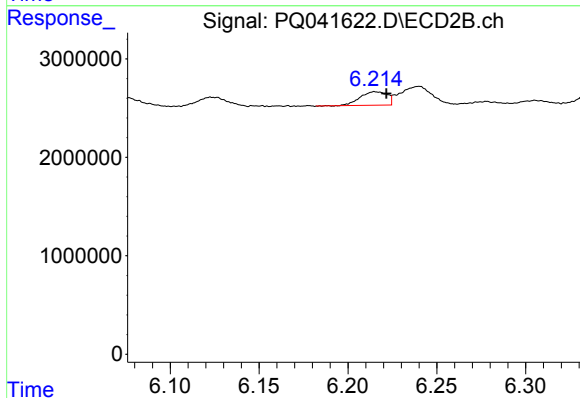
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 32579536
Conc: 260.99 ng/ml



#21 AR-1248-1

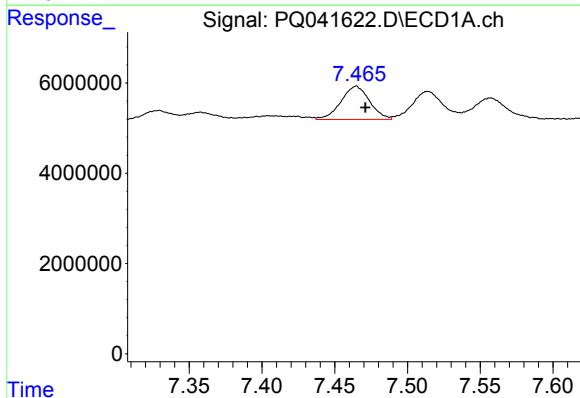
R.T.: 7.174 min
Delta R.T.: 0.016 min
Response: 6179660
Conc: 66.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



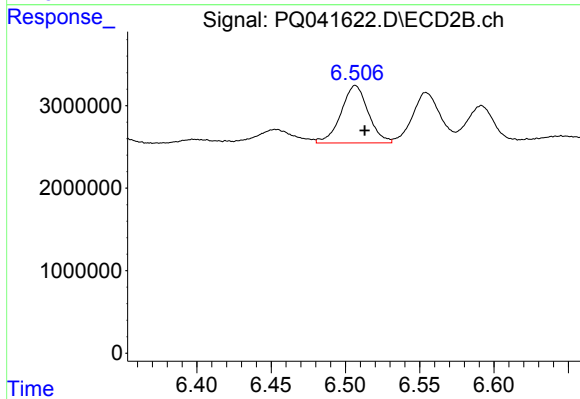
#21 AR-1248-1

R.T.: 6.215 min
Delta R.T.: -0.006 min
Response: 1421342
Conc: 17.70 ng/ml



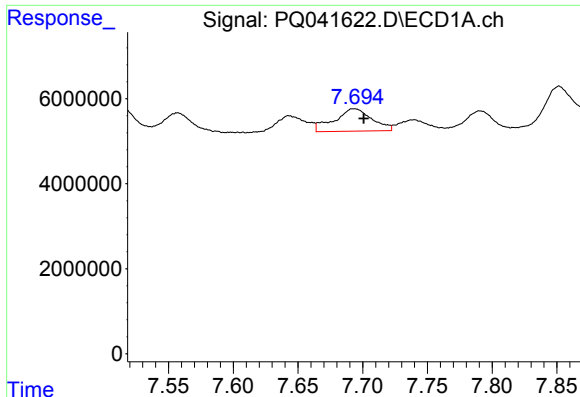
#22 AR-1248-2

R.T.: 7.465 min
Delta R.T.: -0.006 min
Response: 10164051
Conc: 82.60 ng/ml



#22 AR-1248-2

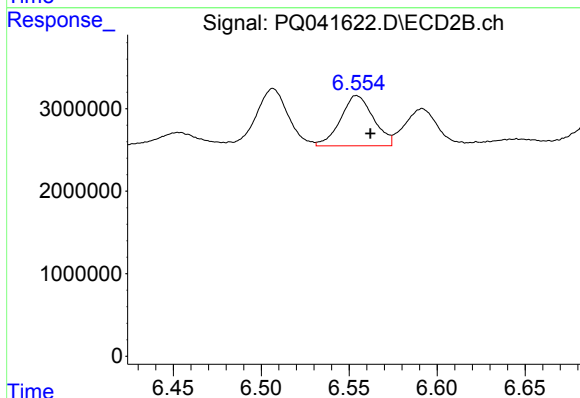
R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 8872871
Conc: 79.21 ng/ml



#23 AR-1248-3

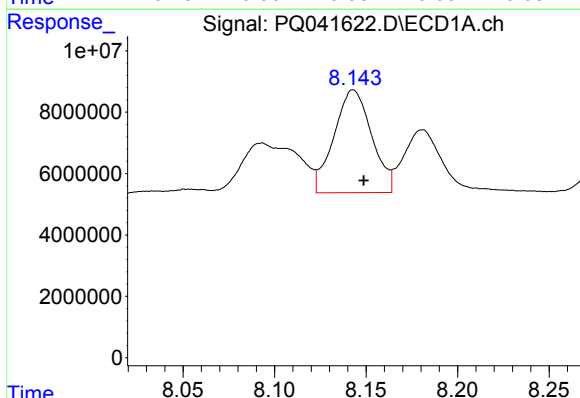
R.T.: 7.693 min
Delta R.T.: -0.008 min
Response: 10636905
Conc: 67.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



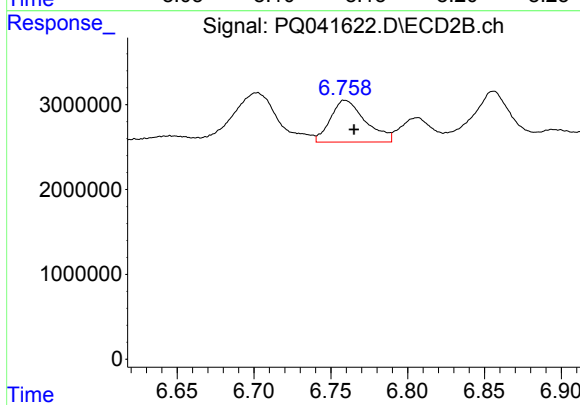
#23 AR-1248-3

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 7918902
Conc: 68.60 ng/ml



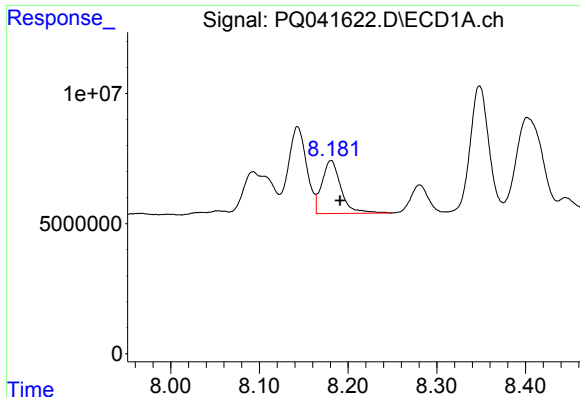
#24 AR-1248-4

R.T.: 8.143 min
Delta R.T.: -0.006 min
Response: 48146425
Conc: 222.89 ng/ml



#24 AR-1248-4

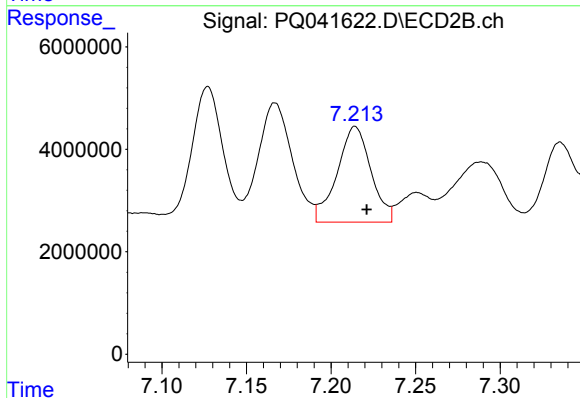
R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 7821009
Conc: 54.03 ng/ml



#25 AR-1248-5

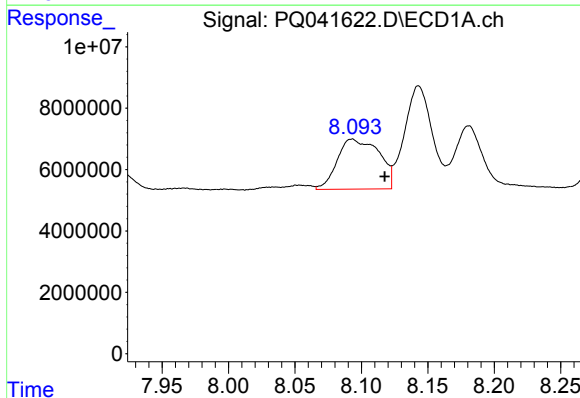
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 30278544
Conc: 142.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



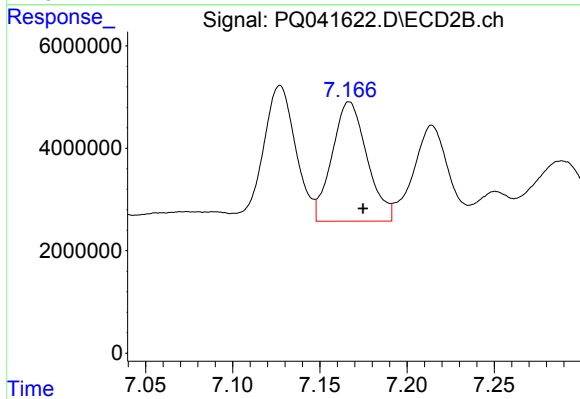
#25 AR-1248-5

R.T.: 7.214 min
Delta R.T.: -0.007 min
Response: 25986844
Conc: 154.42 ng/ml



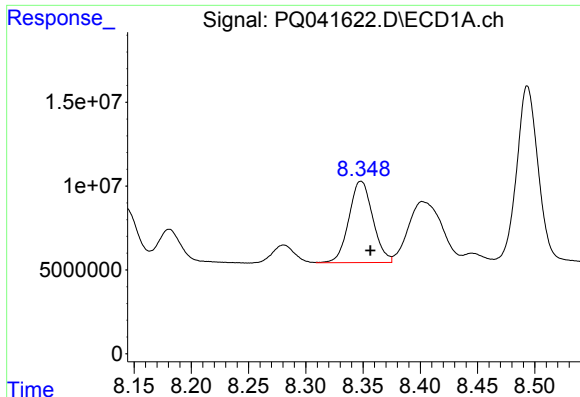
#26 AR-1254-1

R.T.: 8.093 min
Delta R.T.: -0.025 min
Response: 35705525
Conc: 176.15 ng/ml



#26 AR-1254-1

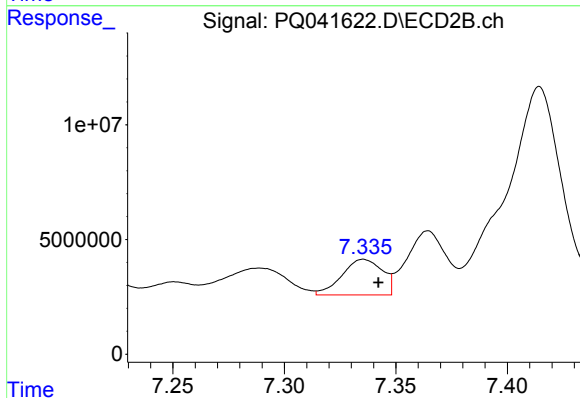
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 32579536
Conc: 128.11 ng/ml



#27 AR-1254-2

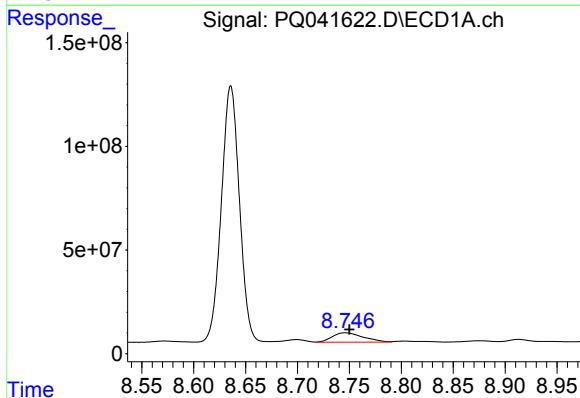
R.T.: 8.348 min
Delta R.T.: -0.008 min
Response: 70554379
Conc: 204.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



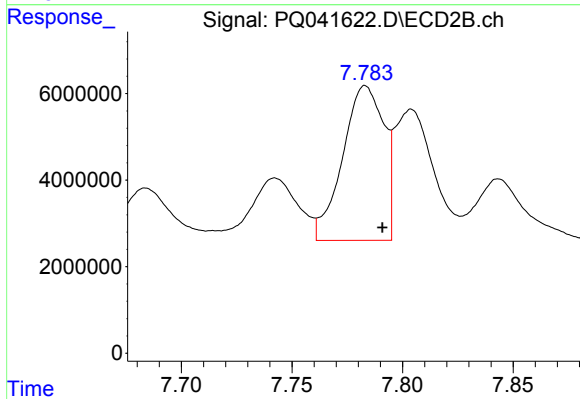
#27 AR-1254-2

R.T.: 7.335 min
Delta R.T.: -0.007 min
Response: 19551953
Conc: 85.46 ng/ml



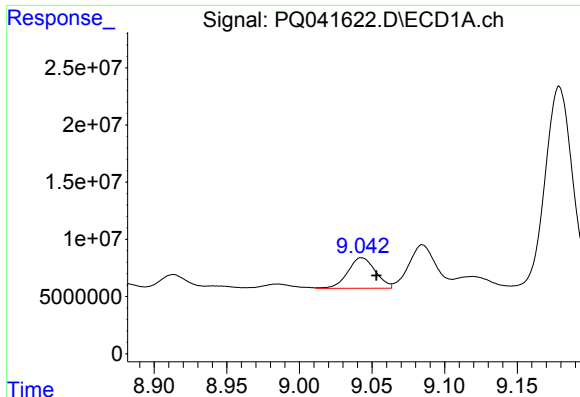
#28 AR-1254-3

R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 92953958
Conc: 224.32 ng/ml



#28 AR-1254-3

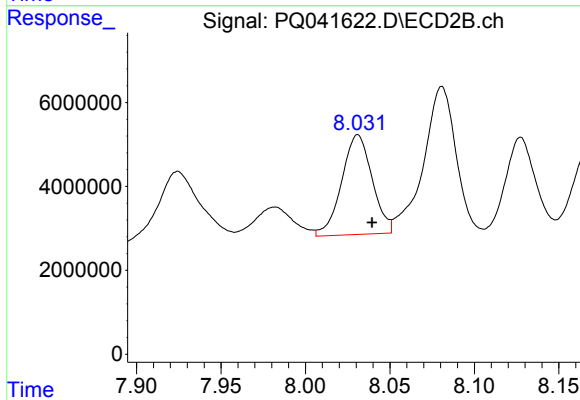
R.T.: 7.783 min
Delta R.T.: -0.008 min
Response: 46399161
Conc: 114.31 ng/ml



#29 AR-1254-4

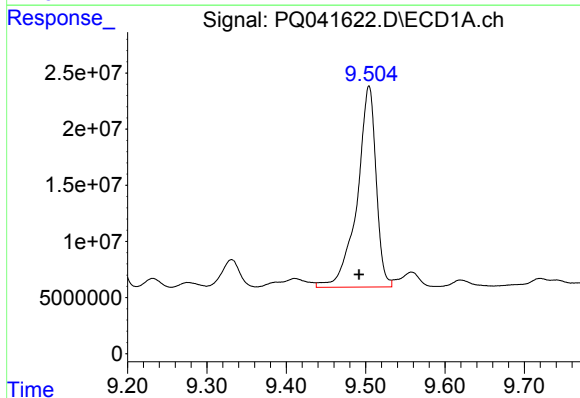
R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 35302469
Conc: 97.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



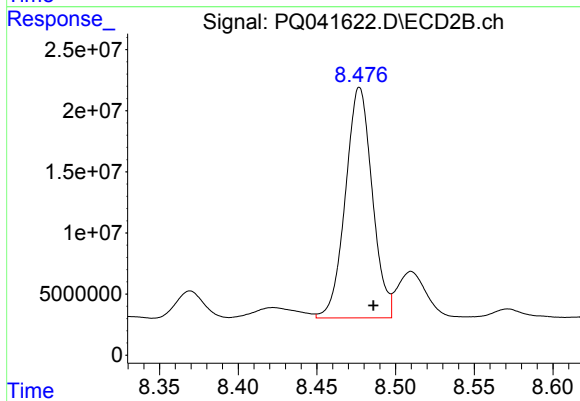
#29 AR-1254-4

R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 29899718
Conc: 109.45 ng/ml



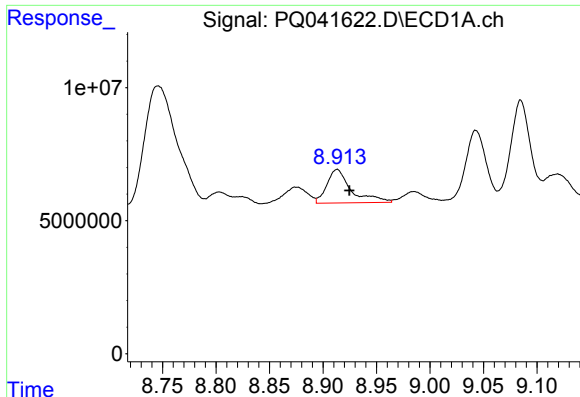
#30 AR-1254-5

R.T.: 9.504 min
Delta R.T.: 0.013 min
Response: 297628615
Conc: 741.24 ng/ml



#30 AR-1254-5

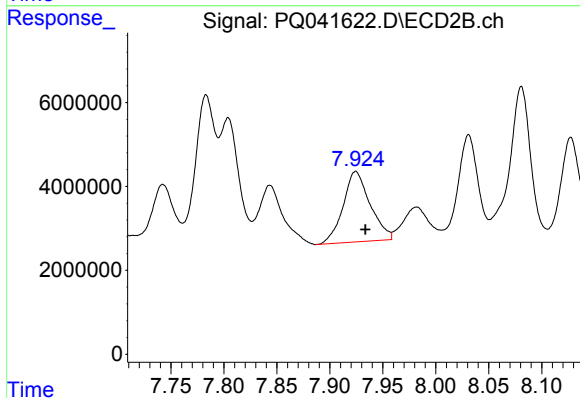
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 223683252
Conc: 560.23 ng/ml



#31 AR-1260-1

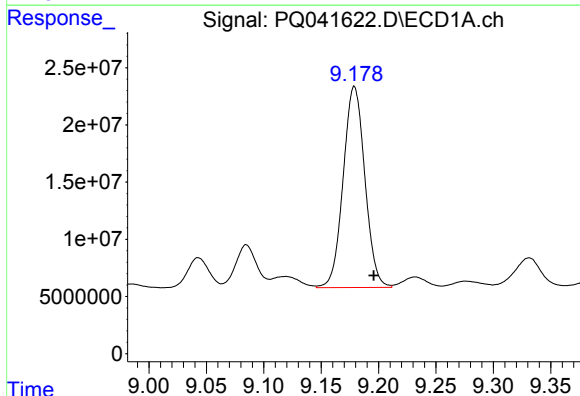
R.T.: 8.913 min
Delta R.T.: -0.011 min
Response: 19982706
Conc: 66.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



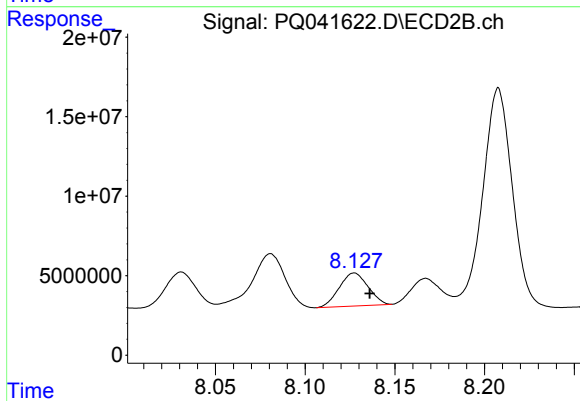
#31 AR-1260-1

R.T.: 7.924 min
Delta R.T.: -0.009 min
Response: 29836113
Conc: 112.19 ng/ml



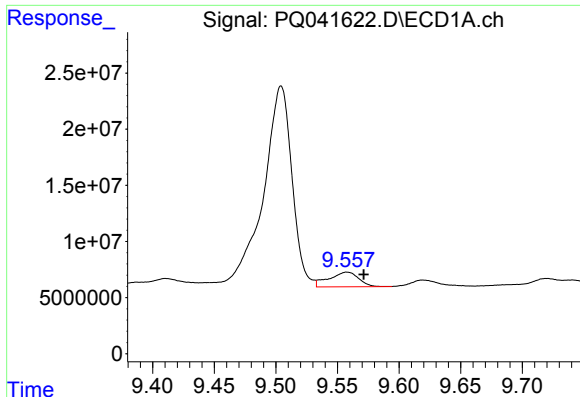
#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.017 min
Response: 231243324
Conc: 504.49 ng/ml



#32 AR-1260-2

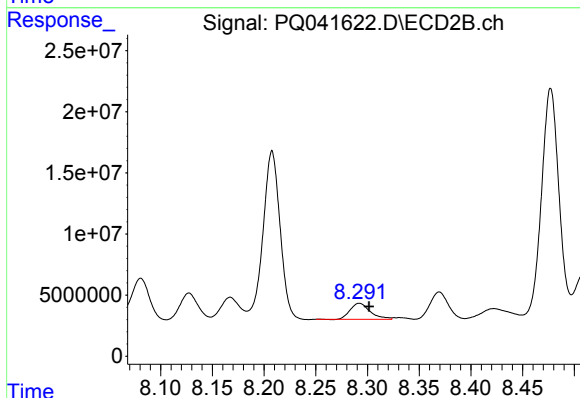
R.T.: 8.127 min
Delta R.T.: -0.009 min
Response: 23195434
Conc: 63.93 ng/ml



#33 AR-1260-3

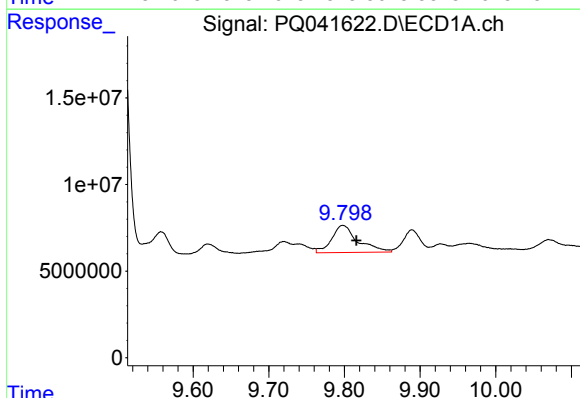
R.T.: 9.558 min
Delta R.T.: -0.014 min
Response: 22143327
Conc: 52.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



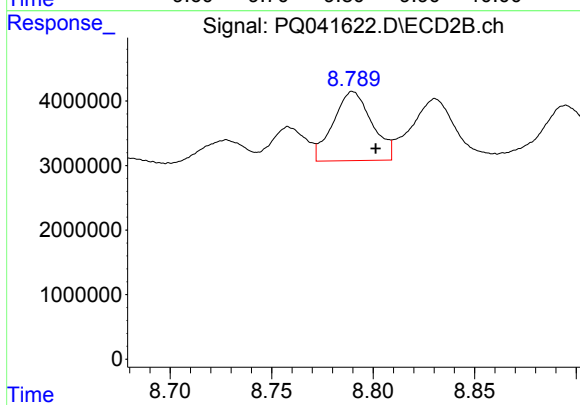
#33 AR-1260-3

R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 17554338
Conc: 55.90 ng/ml



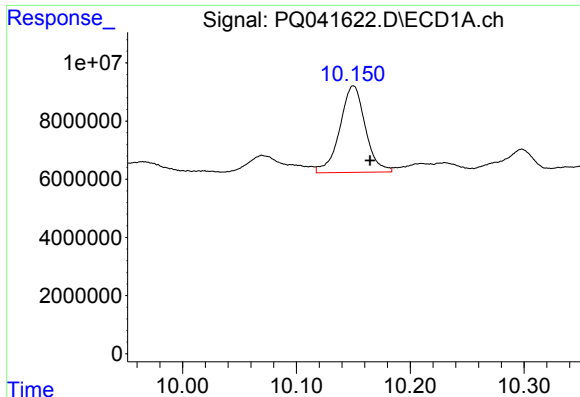
#34 AR-1260-4

R.T.: 9.798 min
Delta R.T.: -0.018 min
Response: 37754632
Conc: 89.69 ng/ml



#34 AR-1260-4

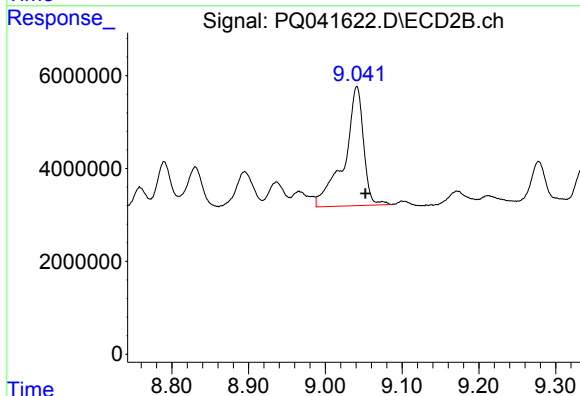
R.T.: 8.790 min
Delta R.T.: -0.011 min
Response: 14272601
Conc: 50.14 ng/ml



#35 AR-1260-5

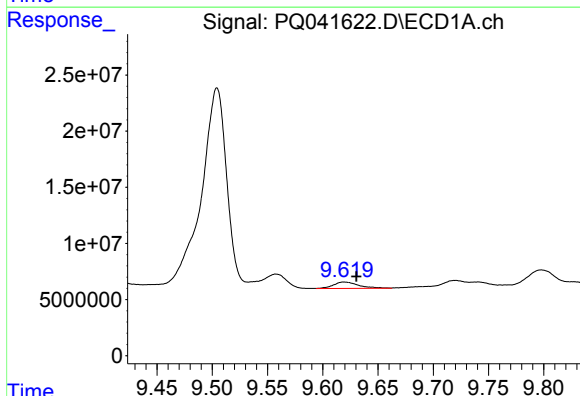
R.T.: 10.150 min
Delta R.T.: -0.015 min
Response: 46330280
Conc: 43.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



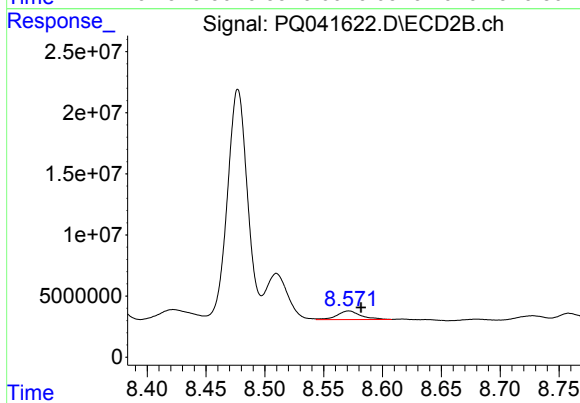
#35 AR-1260-5

R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 44671359
Conc: 60.08 ng/ml



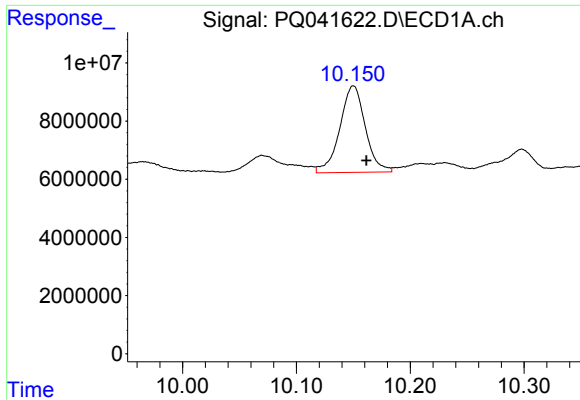
#36 AR-1262-1

R.T.: 9.619 min
Delta R.T.: -0.011 min
Response: 9093955
Conc: 37.04 ng/ml



#36 AR-1262-1

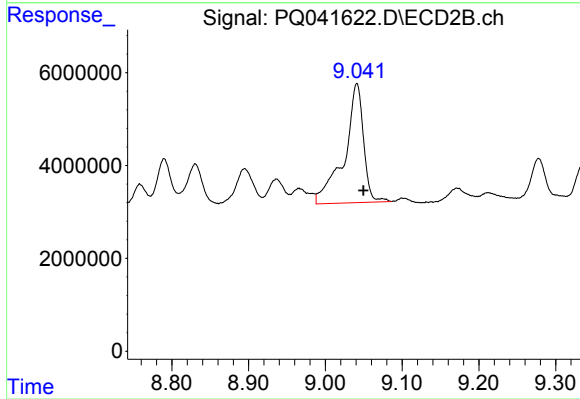
R.T.: 8.571 min
Delta R.T.: -0.010 min
Response: 9930893
Conc: 51.63 ng/ml



#37 AR-1262-2

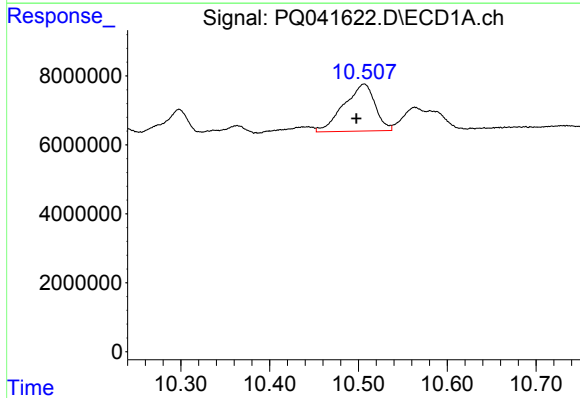
R.T.: 10.150 min
Delta R.T.: -0.011 min
Response: 46330280
Conc: 38.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



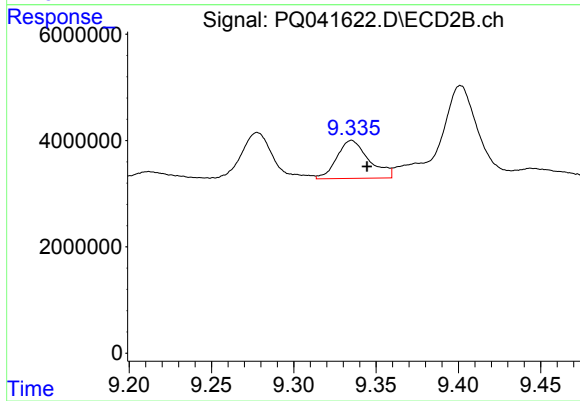
#37 AR-1262-2

R.T.: 9.041 min
Delta R.T.: -0.009 min
Response: 44671359
Conc: 53.17 ng/ml



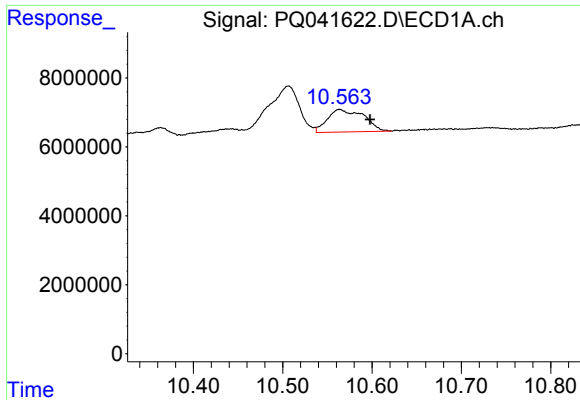
#38 AR-1262-3

R.T.: 10.506 min
Delta R.T.: 0.009 min
Response: 33270985
Conc: 39.92 ng/ml



#38 AR-1262-3

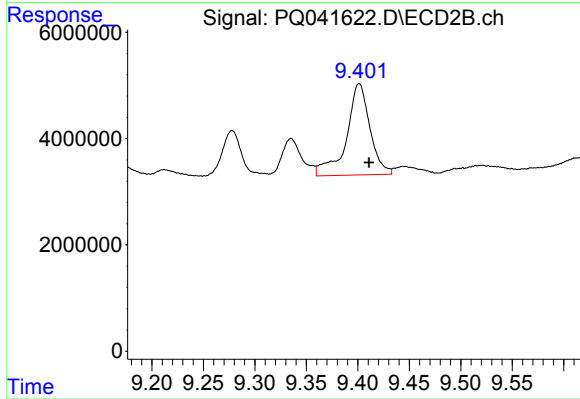
R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 9731286
Conc: 27.67 ng/ml



#39 AR-1262-4

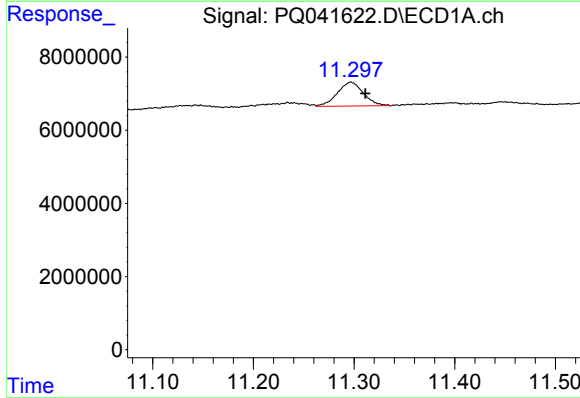
R.T.: 10.564 min
Delta R.T.: -0.034 min
Response: 18561621
Conc: 28.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



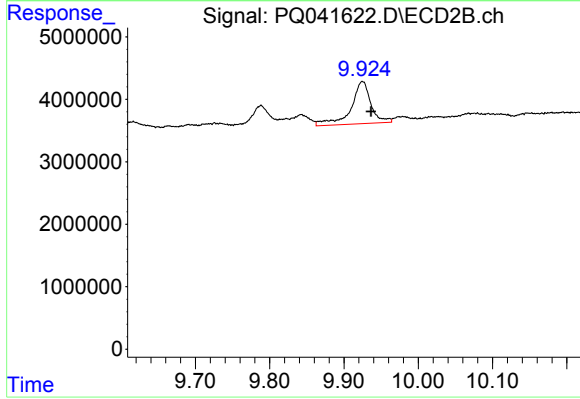
#39 AR-1262-4

R.T.: 9.401 min
Delta R.T.: -0.010 min
Response: 27331149
Conc: 46.50 ng/ml



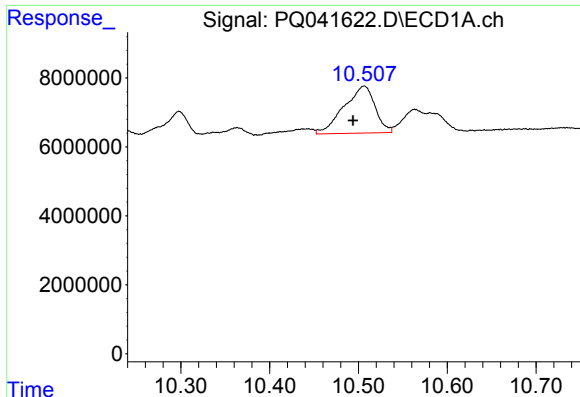
#40 AR-1262-5

R.T.: 11.297 min
Delta R.T.: -0.014 min
Response: 11716400
Conc: 25.63 ng/ml



#40 AR-1262-5

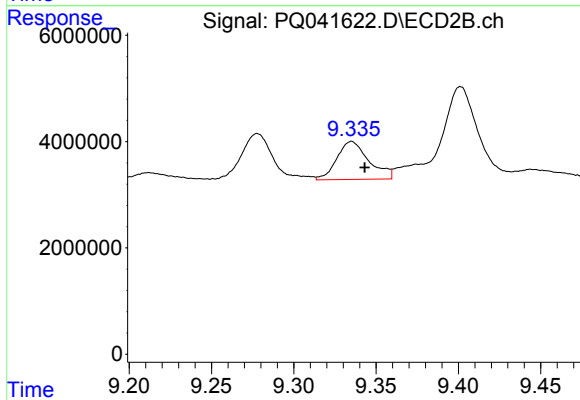
R.T.: 9.925 min
Delta R.T.: -0.012 min
Response: 12532354
Conc: 52.23 ng/ml



#41 AR-1268-1

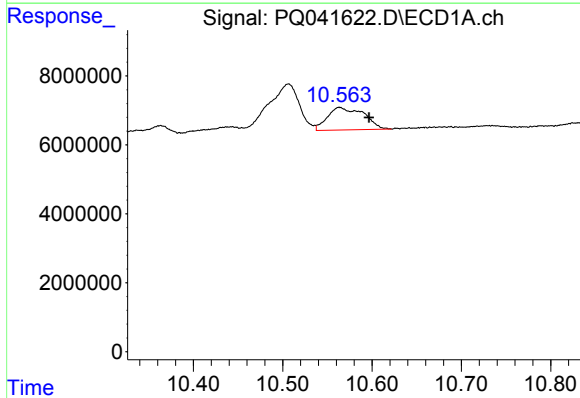
R.T.: 10.506 min
Delta R.T.: 0.012 min
Response: 33270985
Conc: 18.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



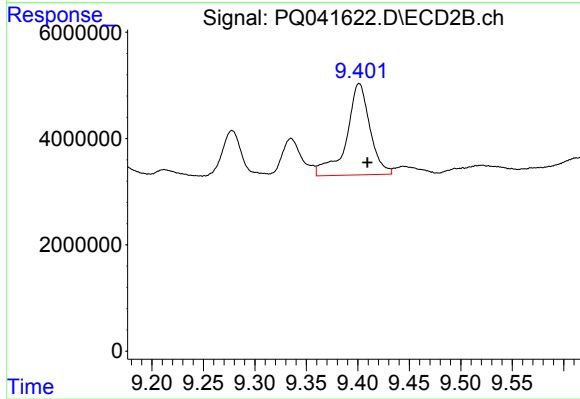
#41 AR-1268-1

R.T.: 9.335 min
Delta R.T.: -0.008 min
Response: 9731286
Conc: 8.52 ng/ml



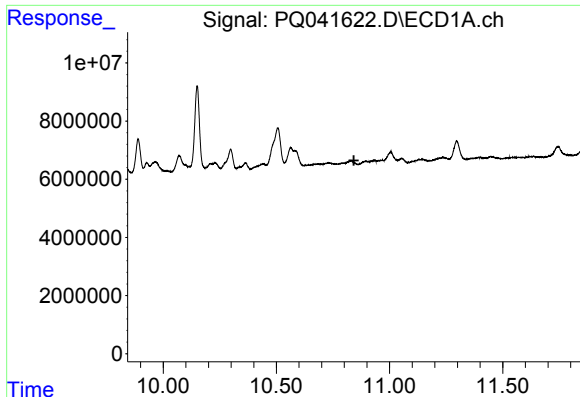
#42 AR-1268-2

R.T.: 10.564 min
Delta R.T.: -0.033 min
Response: 18561621
Conc: 11.63 ng/ml



#42 AR-1268-2

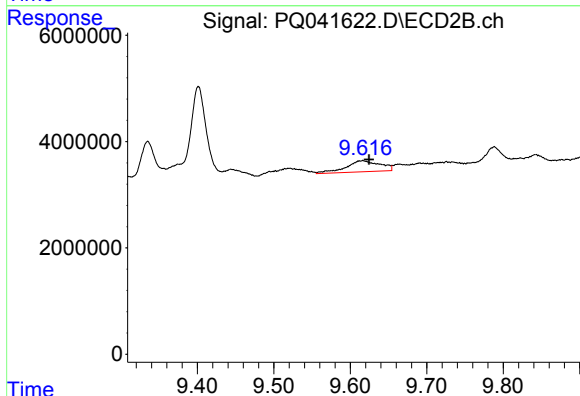
R.T.: 9.401 min
Delta R.T.: -0.008 min
Response: 27331149
Conc: 28.13 ng/ml



#43 AR-1268-3

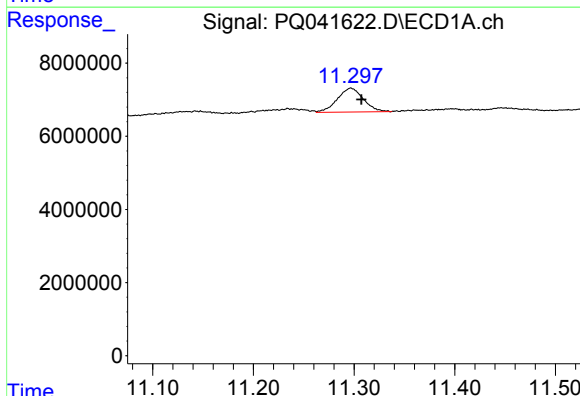
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



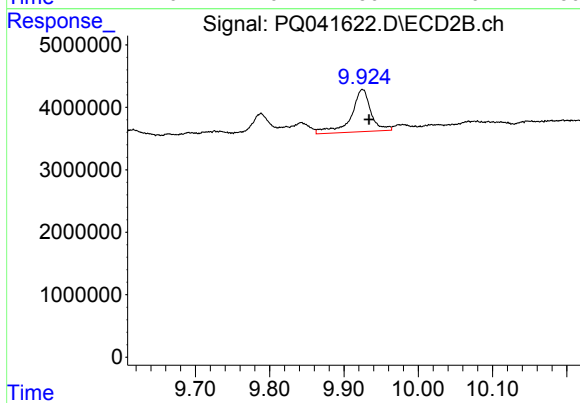
#43 AR-1268-3

R.T.: 9.616 min
Delta R.T.: -0.008 min
Response: 6495942
Conc: 8.14 ng/ml



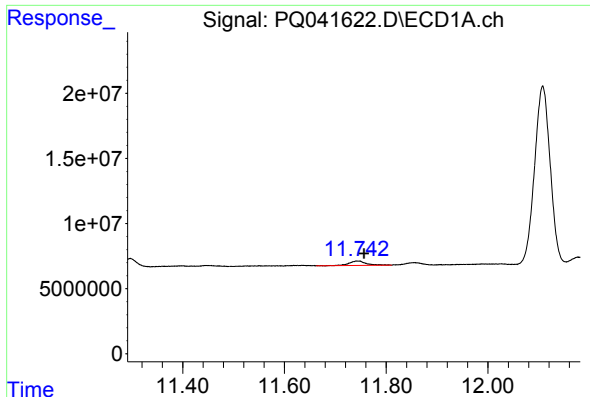
#44 AR-1268-4

R.T.: 11.297 min
Delta R.T.: -0.010 min
Response: 11716400
Conc: 20.64 ng/ml



#44 AR-1268-4

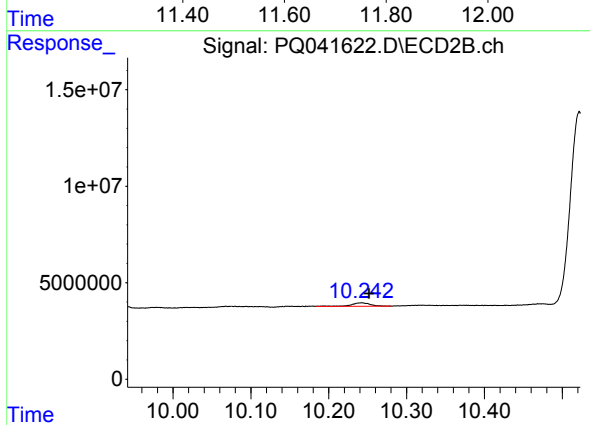
R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 12532354
Conc: 40.84 ng/ml



#45 AR-1268-5

R.T.: 11.742 min
Delta R.T.: -0.014 min
Response: 7989112
Conc: 1.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.242 min
Delta R.T.: -0.009 min
Response: 3035026
Conc: 1.54 ng/ml