

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 13:49
 Operator : SM\AJ
 Sample : K3101-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:28:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.584	4.727	62073498	47034953	18.948	21.899
2)	SA Decachlor...	11.883	10.444	174.6E6	101.0E6	24.443	24.284
Target Compounds							
3)	L1 AR-1016-1	7.039	6.191	6777411	999512	40.512	7.792 #
4)	L1 AR-1016-2	7.092	6.191	833999	999512	3.172	5.178 #
5)	L1 AR-1016-3	7.162	6.394	1376901	8291779	8.067	76.883 #
7)	L1 AR-1016-5	7.581	6.751	6436174	1678240	46.395	14.576 #
8)	L2 AR-1221-1	0.000	5.031	0	671144	N.D.	27.386 #
9)	L2 AR-1221-2	5.980	5.141	1504865	1918538	68.304	117.790 #
10)	L2 AR-1221-3	0.000	5.245	0	466835	N.D.	7.677 #
11)	L3 AR-1232-1	0.000	5.245	0	466835	N.D.	10.188 #
12)	L3 AR-1232-2	0.000	6.191	0	999512	N.D.	16.662 #
13)	L3 AR-1232-3	7.092	6.394	833999	8291779	10.320	235.777 #
14)	L3 AR-1232-4	7.277	6.536	-10579448	14112744	N.D.	477.617 #
15)	L3 AR-1232-5	7.398	6.751	1216999	1678240	38.400	55.747 #
16)	L4 AR-1242-1	7.039	6.191	6777411	999512	69.902	13.516 #
17)	L4 AR-1242-2	7.092	6.191	833999	999512	5.771	9.389 #
18)	L4 AR-1242-3	7.162	6.394	1376901	8291779	14.791	137.453 #
19)	L4 AR-1242-4	7.277	6.536	-10579448	14112744	N.D.	236.789 #
20)	L4 AR-1242-5	8.103	7.131	27579103	38132544	318.121	473.177 #
21)	L5 AR-1248-1	7.039	6.191	6777411	999512	87.561	17.346 #
22)	L5 AR-1248-2	7.398	6.457	1216999	821921	10.805	9.349
23)	L5 AR-1248-3	7.581	6.536	6436174	14112744	46.630	155.970 #
24)	L5 AR-1248-4	8.020	6.751	127.0E6	1678240	841.237	15.197 #
25)	L5 AR-1248-5	8.103	7.199	27579103	13830282	183.179	121.815 #
26)	L6 AR-1254-1	8.020	7.131	127.0E6	38132544	728.242	199.088 #
27)	L6 AR-1254-2	8.237	7.309	59733798	23207933	215.994	133.586 #
28)	L6 AR-1254-3	8.625	7.789	36971343	7250652	124.573	25.090 #
29)	L6 AR-1254-4	8.961	8.008	3574771	9263349	17.201	51.882 #
30)	L6 AR-1254-5	9.363	8.428	25051822	16865307	86.987	65.463
31)	L7 AR-1260-1	8.842	7.877	3267611	15820961	9.830	57.712 #
32)	L7 AR-1260-2	9.115	8.079	31659303	10549842	78.371	30.498 #
33)	L7 AR-1260-3	9.431	8.242	12375022	7087371	37.513	22.099 #
34)	L7 AR-1260-4	9.674	8.737	-3790058	6076014	N.D.	22.361 #
35)	L7 AR-1260-5	10.014	8.994	16138799	22975916	20.958	34.181 #
36)	L8 AR-1262-1	9.512	8.550	11215922	5851643	80.682	51.535 #
37)	L8 AR-1262-2	10.014	8.994	16138799	22975916	27.886	46.309 #
38)	L8 AR-1262-3	10.361	9.281	7362539	4854510	17.413	23.089 #
39)	L8 AR-1262-4	10.515	9.349	992858	10220320	2.629	26.993 #
40)	L8 AR-1262-5	11.120	9.871	5478630	3926661	23.317	24.219
41)	L9 AR-1268-1	10.361	9.281	7362539	4854510	12.222	10.638
42)	L9 AR-1268-2	10.416	9.349	8040039	10220320	13.066	23.378 #

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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	10.666	9.556	4674833	5122967	8.606	13.646 #
44) L9	AR-1268-4	11.120	9.871	5478630	3926661	26.861	28.499
45) L9	AR-1268-5	11.543	10.179	22326321	14442027	12.082	12.237

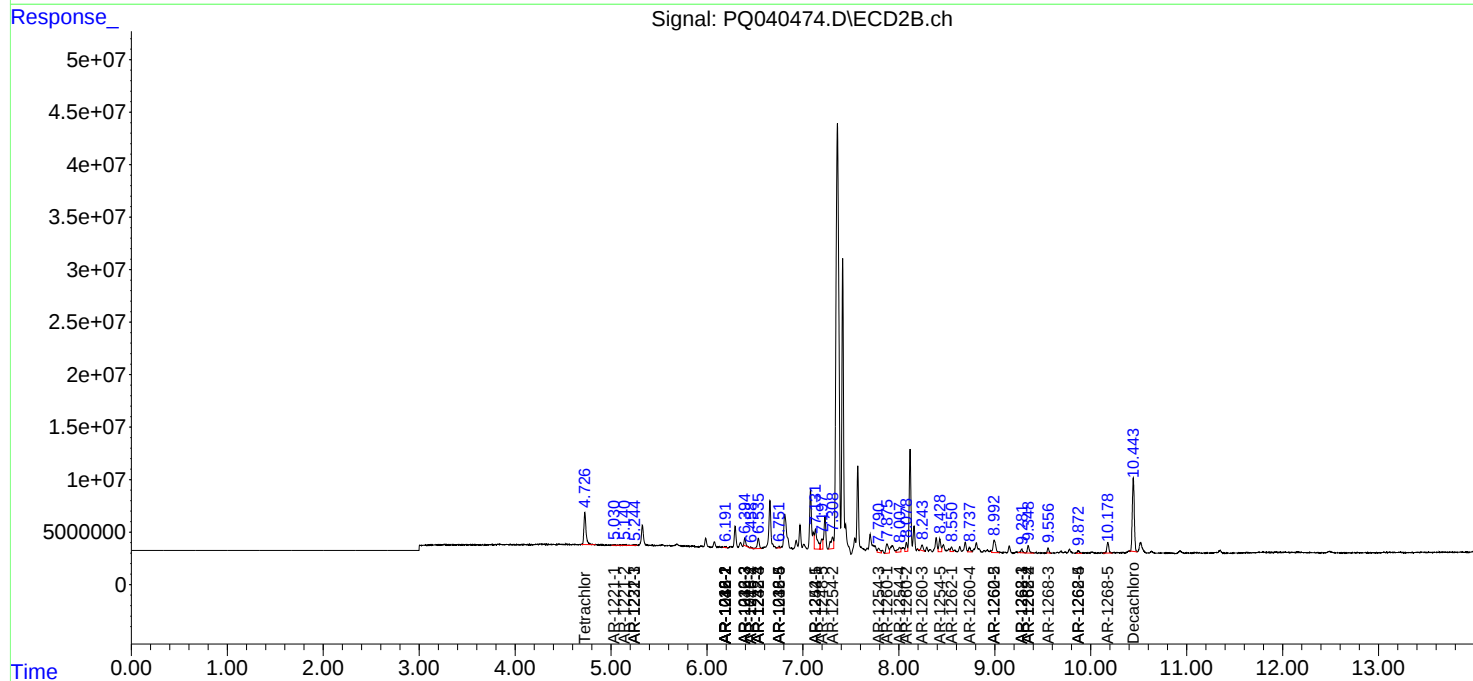
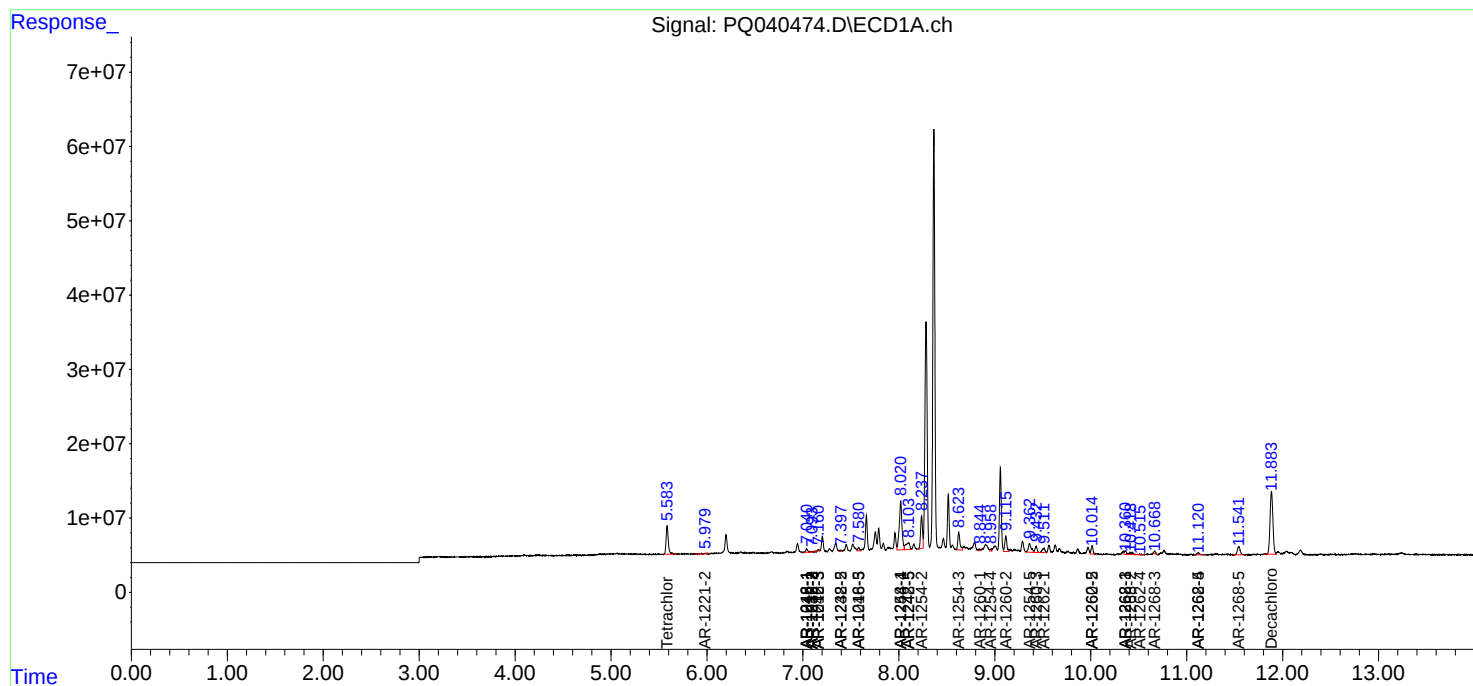
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

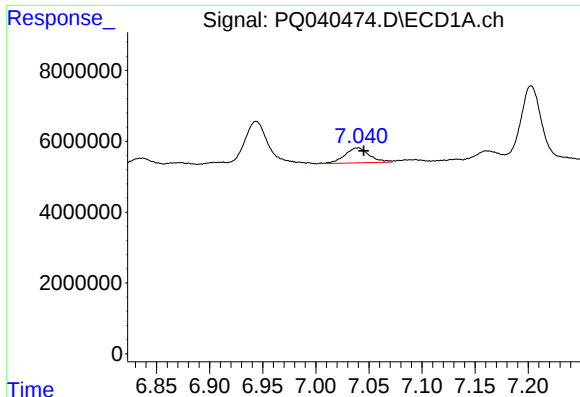
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

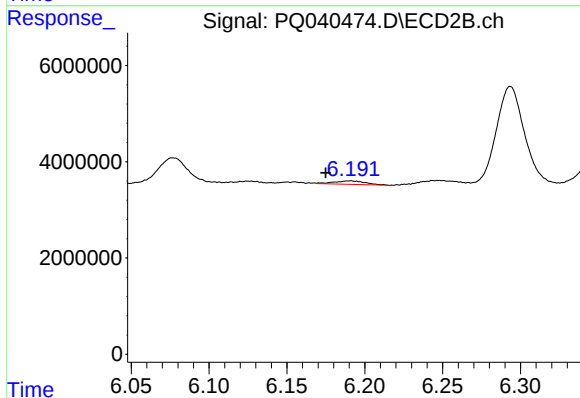




#3 AR-1016-1

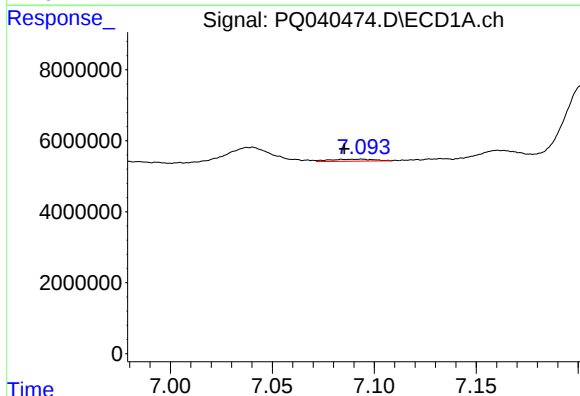
R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 6777411
Conc: 40.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



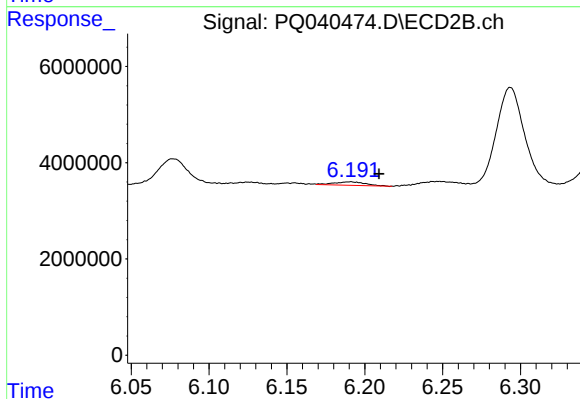
#3 AR-1016-1

R.T.: 6.191 min
Delta R.T.: 0.016 min
Response: 999512
Conc: 7.79 ng/ml



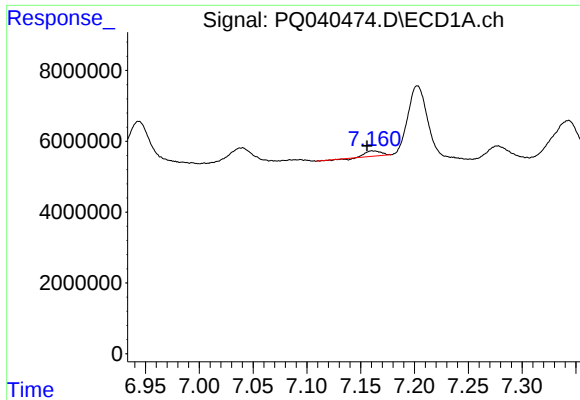
#4 AR-1016-2

R.T.: 7.092 min
Delta R.T.: 0.007 min
Response: 833999
Conc: 3.17 ng/ml



#4 AR-1016-2

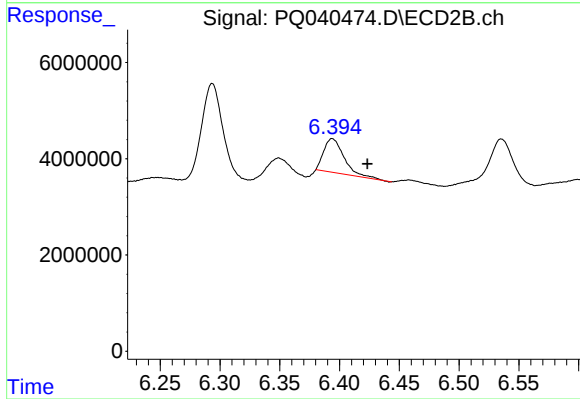
R.T.: 6.191 min
Delta R.T.: -0.019 min
Response: 999512
Conc: 5.18 ng/ml



#5 AR-1016-3

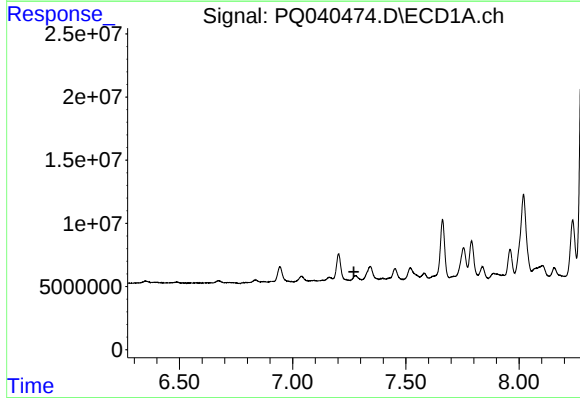
R.T.: 7.162 min
Delta R.T.: 0.006 min
Response: 1376901
Conc: 8.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



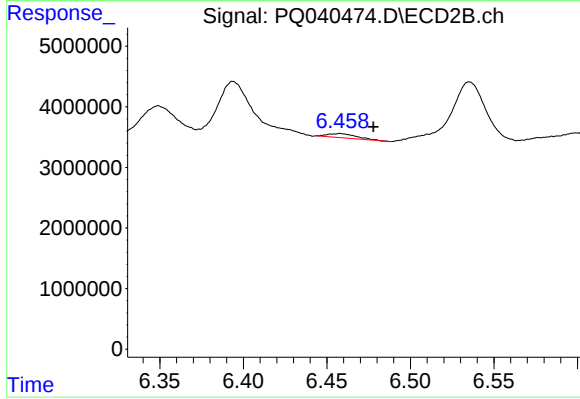
#5 AR-1016-3

R.T.: 6.394 min
Delta R.T.: -0.029 min
Response: 8291779
Conc: 76.88 ng/ml



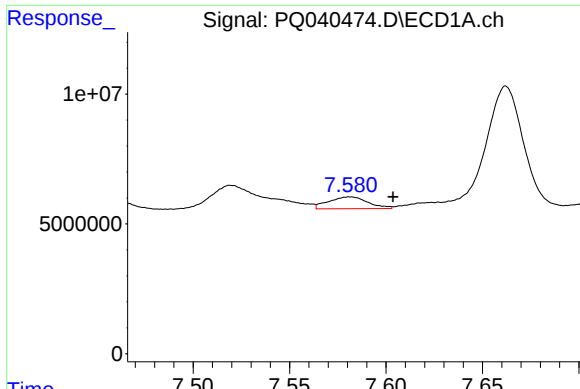
#6 AR-1016-4

R.T.: 7.277 min
Delta R.T.: 0.007 min
Response: -10579448
Conc: N.D.



#6 AR-1016-4

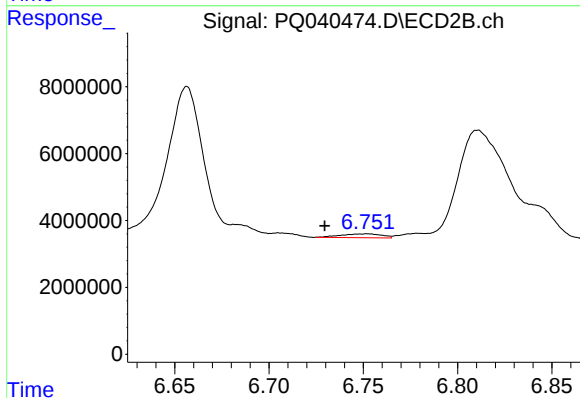
R.T.: 6.457 min
Delta R.T.: -0.021 min
Response: 821921
Conc: 9.65 ng/ml



#7 AR-1016-5

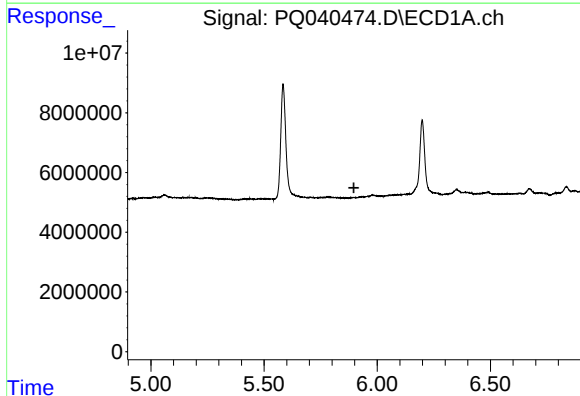
R.T.: 7.581 min
Delta R.T.: -0.022 min
Response: 6436174
Conc: 46.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



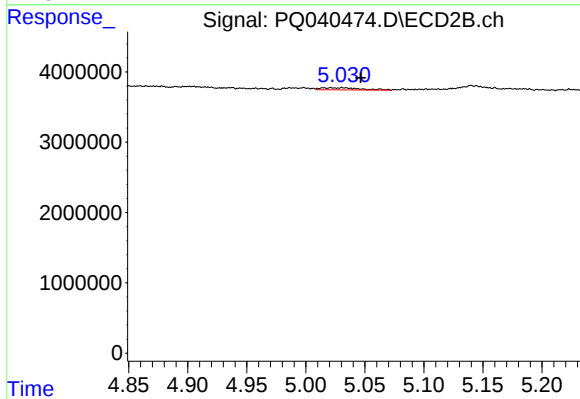
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: 0.022 min
Response: 1678240
Conc: 14.58 ng/ml



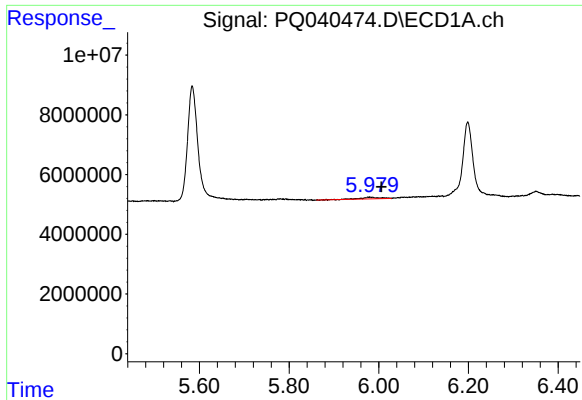
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

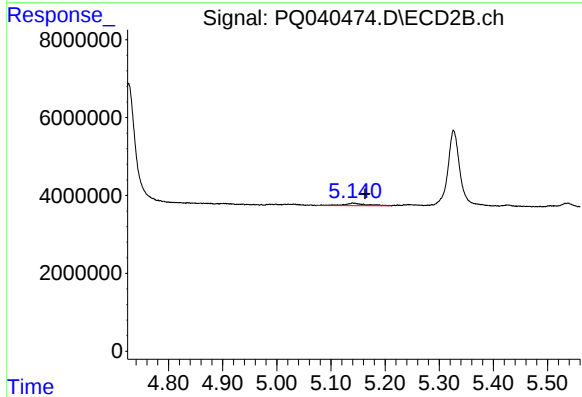
R.T.: 5.031 min
Delta R.T.: -0.016 min
Response: 671144
Conc: 27.39 ng/ml



#9 AR-1221-2

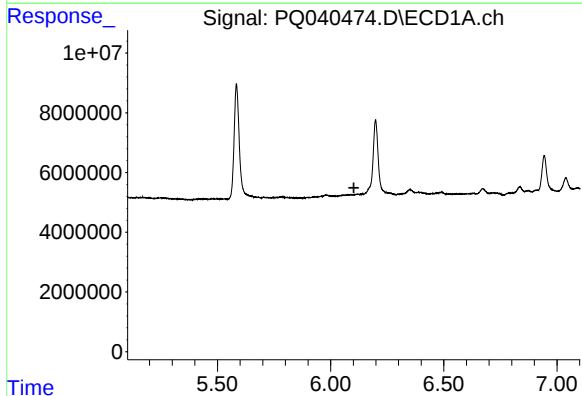
R.T.: 5.980 min
Delta R.T.: -0.026 min
Response: 1504865
Conc: 68.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



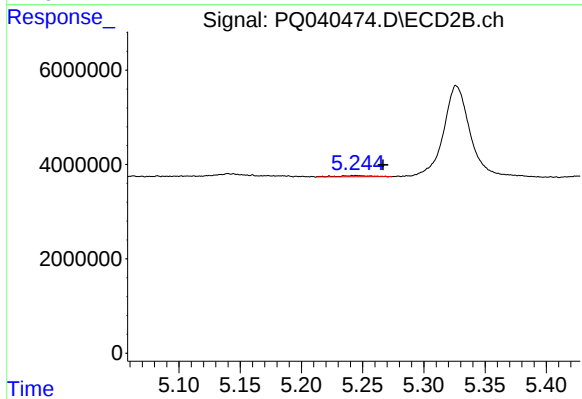
#9 AR-1221-2

R.T.: 5.141 min
Delta R.T.: -0.022 min
Response: 1918538
Conc: 117.79 ng/ml



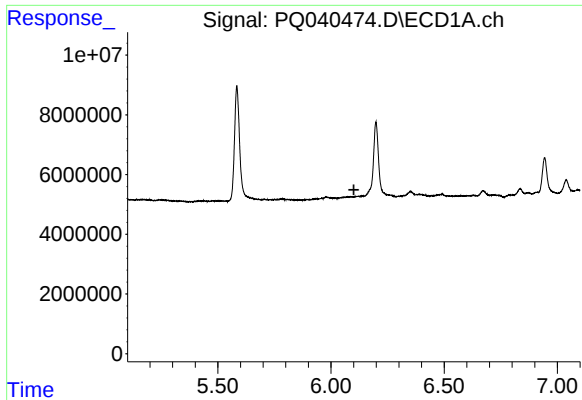
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

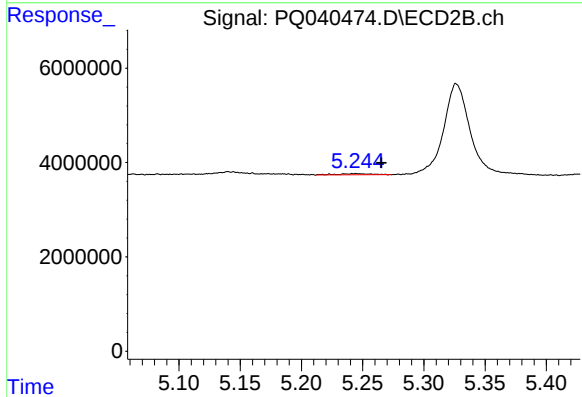
R.T.: 5.245 min
Delta R.T.: -0.022 min
Response: 466835
Conc: 7.68 ng/ml



#11 AR-1232-1

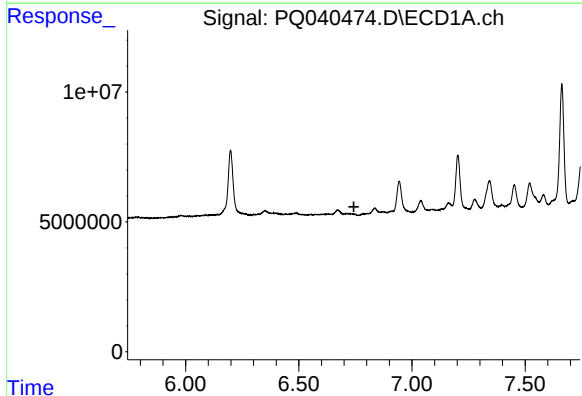
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



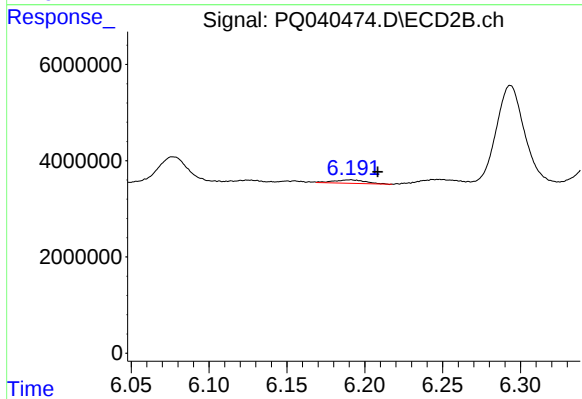
#11 AR-1232-1

R.T.: 5.245 min
Delta R.T.: -0.021 min
Response: 466835
Conc: 10.19 ng/ml



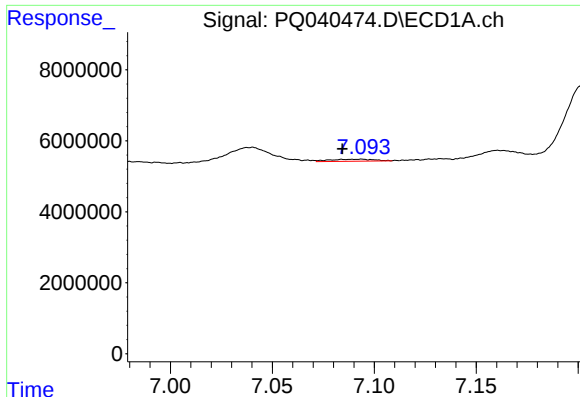
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

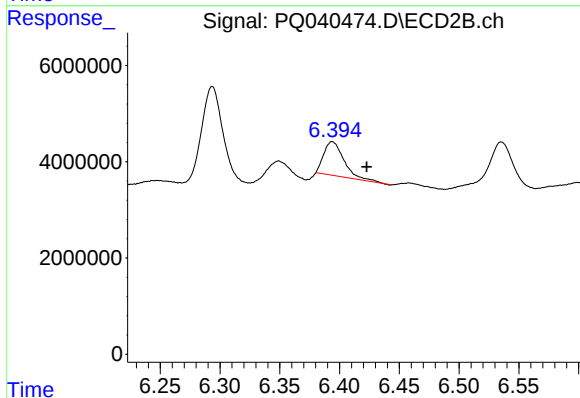
R.T.: 6.191 min
Delta R.T.: -0.018 min
Response: 999512
Conc: 16.66 ng/ml



#13 AR-1232-3

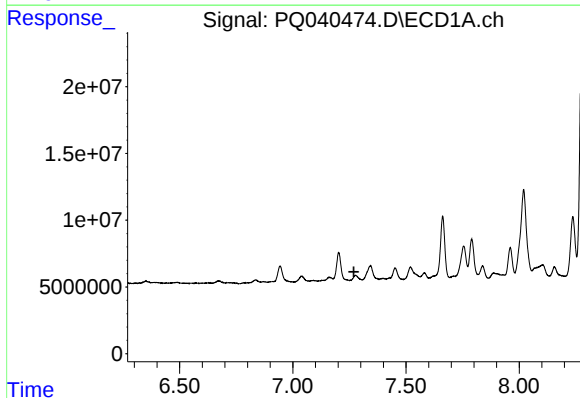
R.T.: 7.092 min
Delta R.T.: 0.008 min
Response: 833999
Conc: 10.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



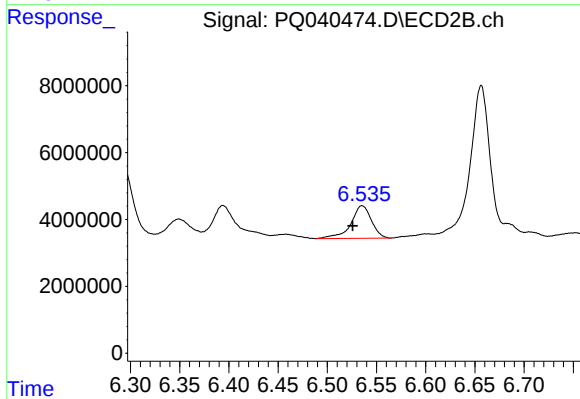
#13 AR-1232-3

R.T.: 6.394 min
Delta R.T.: -0.029 min
Response: 8291779
Conc: 235.78 ng/ml



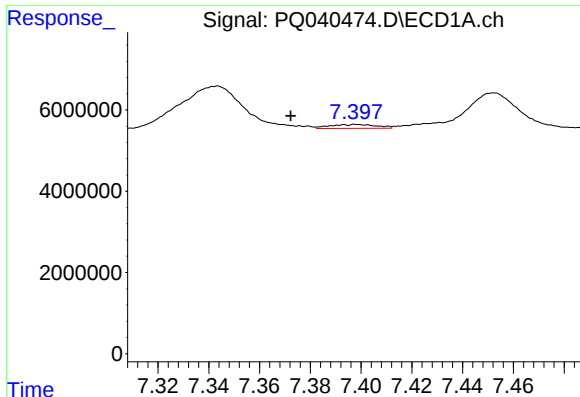
#14 AR-1232-4

R.T.: 7.277 min
Delta R.T.: 0.008 min
Response: -10579448
Conc: N.D.



#14 AR-1232-4

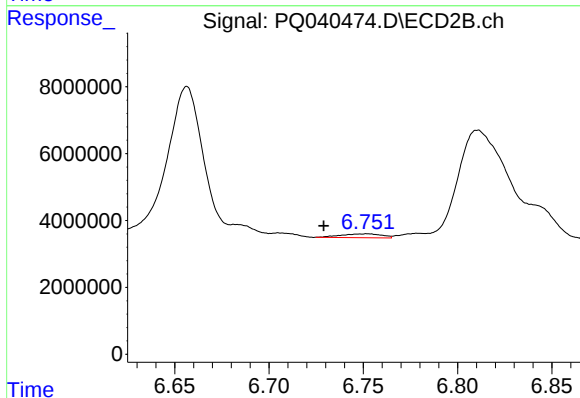
R.T.: 6.536 min
Delta R.T.: 0.010 min
Response: 14112744
Conc: 477.62 ng/ml



#15 AR-1232-5

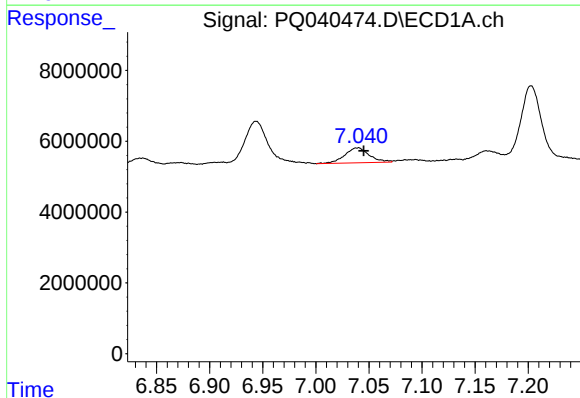
R.T.: 7.398 min
Delta R.T.: 0.026 min
Response: 1216999
Conc: 38.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



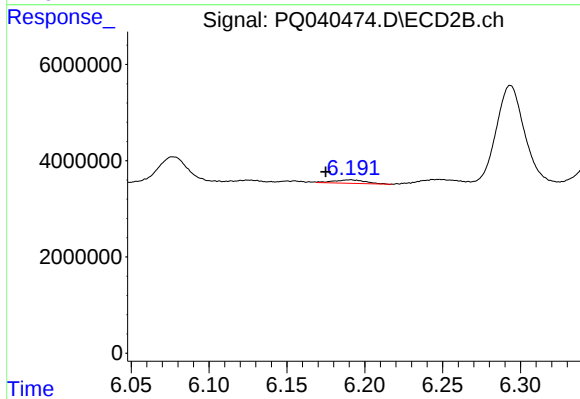
#15 AR-1232-5

R.T.: 6.751 min
Delta R.T.: 0.022 min
Response: 1678240
Conc: 55.75 ng/ml



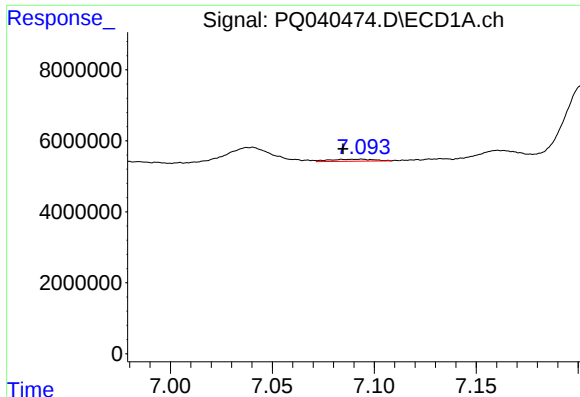
#16 AR-1242-1

R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 6777411
Conc: 69.90 ng/ml



#16 AR-1242-1

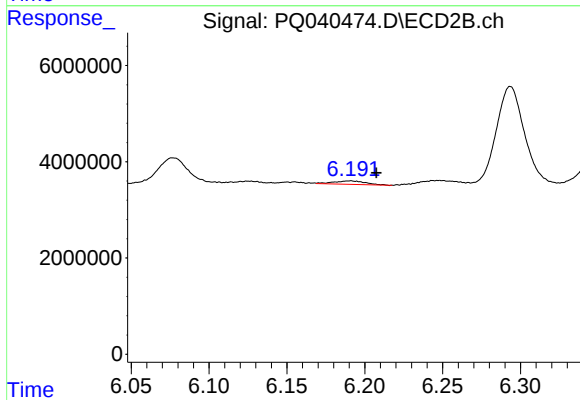
R.T.: 6.191 min
Delta R.T.: 0.016 min
Response: 999512
Conc: 13.52 ng/ml



#17 AR-1242-2

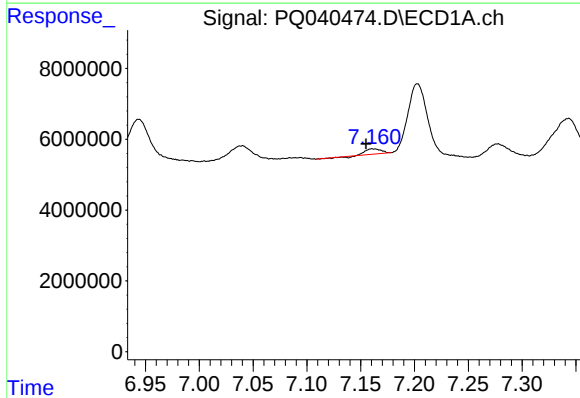
R.T.: 7.092 min
Delta R.T.: 0.008 min
Response: 833999
Conc: 5.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



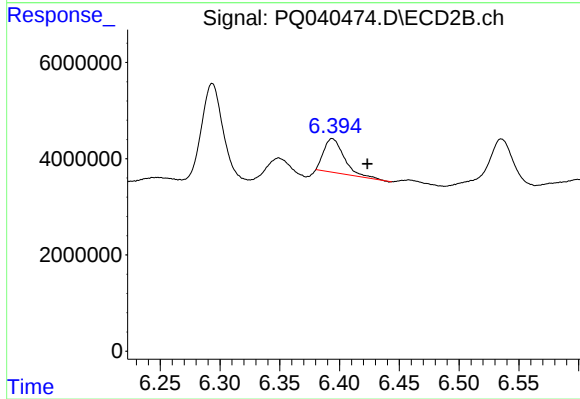
#17 AR-1242-2

R.T.: 6.191 min
Delta R.T.: -0.017 min
Response: 999512
Conc: 9.39 ng/ml



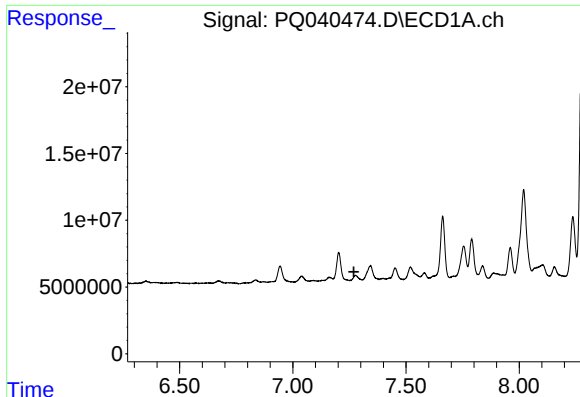
#18 AR-1242-3

R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 1376901
Conc: 14.79 ng/ml



#18 AR-1242-3

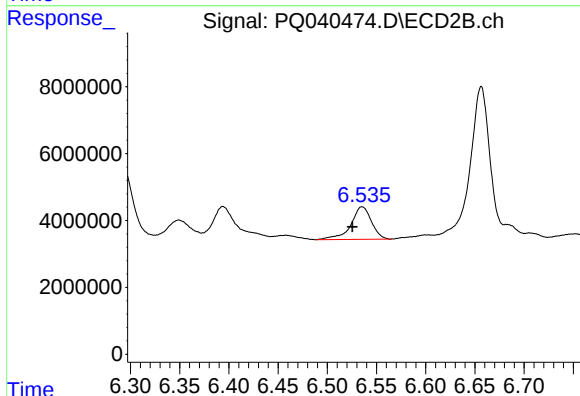
R.T.: 6.394 min
Delta R.T.: -0.029 min
Response: 8291779
Conc: 137.45 ng/ml



#19 AR-1242-4

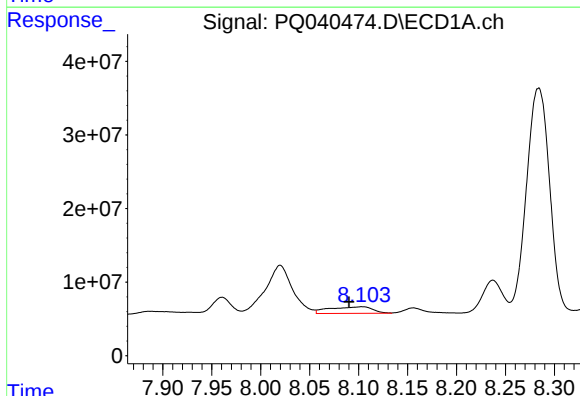
R.T.: 7.277 min
Delta R.T.: 0.007 min
Response: -10579448
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



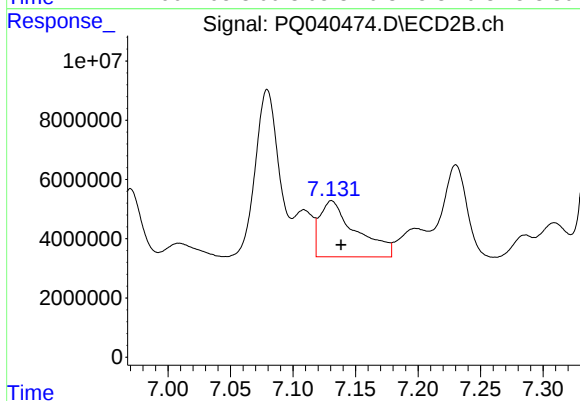
#19 AR-1242-4

R.T.: 6.536 min
Delta R.T.: 0.010 min
Response: 14112744
Conc: 236.79 ng/ml



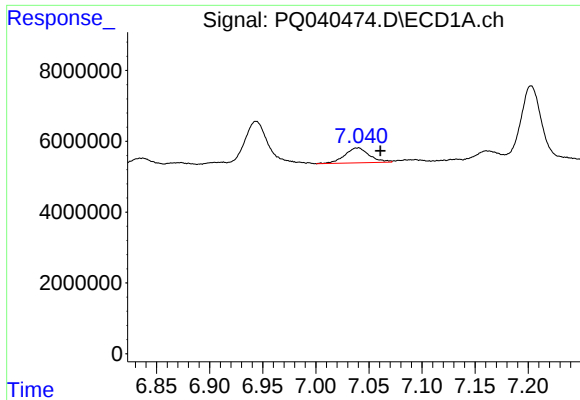
#20 AR-1242-5

R.T.: 8.103 min
Delta R.T.: 0.013 min
Response: 27579103
Conc: 318.12 ng/ml



#20 AR-1242-5

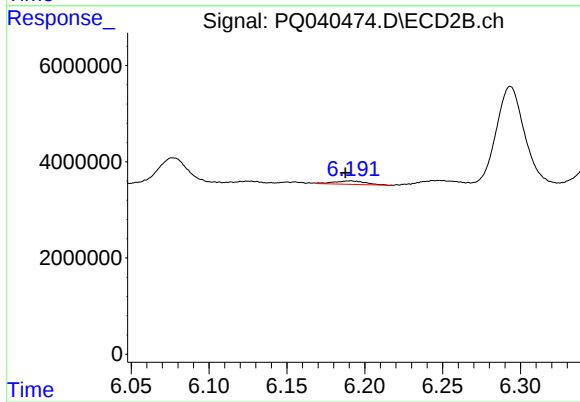
R.T.: 7.131 min
Delta R.T.: -0.008 min
Response: 38132544
Conc: 473.18 ng/ml



#21 AR-1248-1

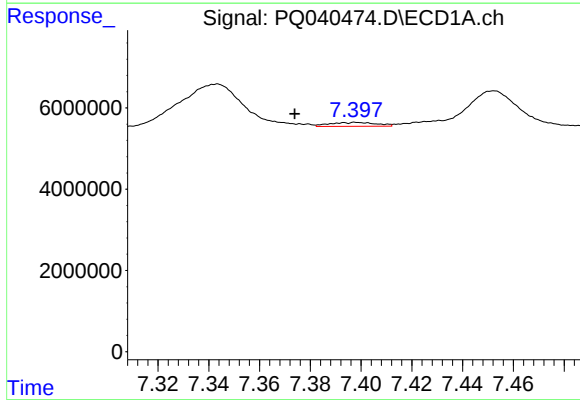
R.T.: 7.039 min
Delta R.T.: -0.021 min
Response: 6777411
Conc: 87.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



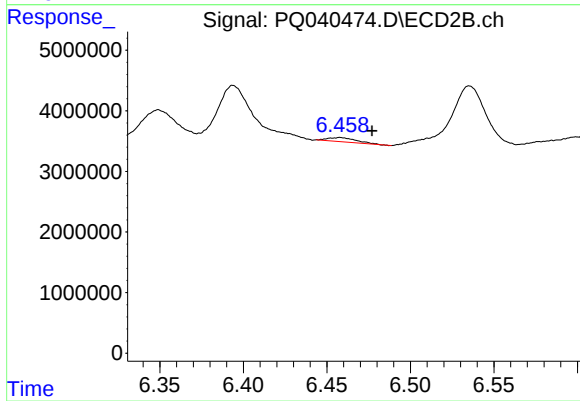
#21 AR-1248-1

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 999512
Conc: 17.35 ng/ml



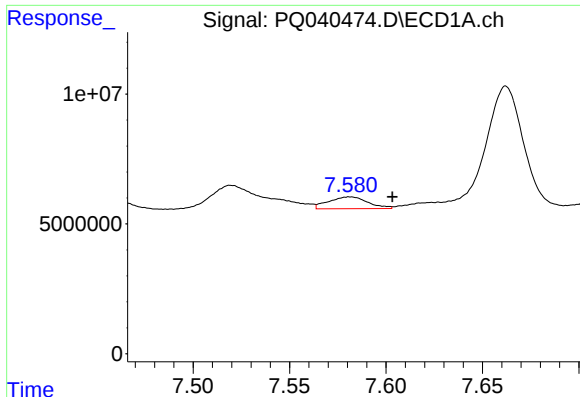
#22 AR-1248-2

R.T.: 7.398 min
Delta R.T.: 0.024 min
Response: 1216999
Conc: 10.81 ng/ml



#22 AR-1248-2

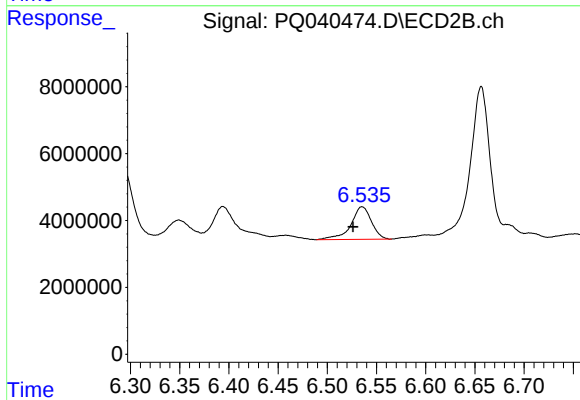
R.T.: 6.457 min
Delta R.T.: -0.020 min
Response: 821921
Conc: 9.35 ng/ml



#23 AR-1248-3

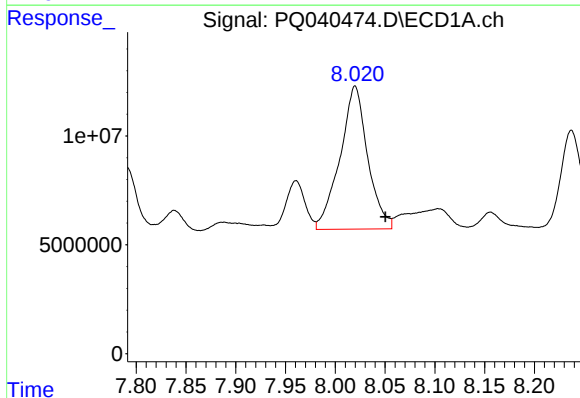
R.T.: 7.581 min
Delta R.T.: -0.022 min
Response: 6436174
Conc: 46.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



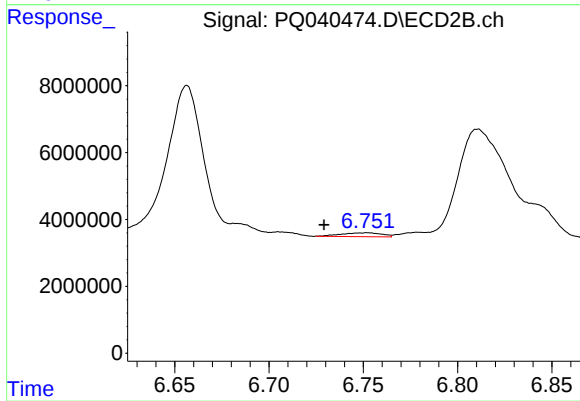
#23 AR-1248-3

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 14112744
Conc: 155.97 ng/ml



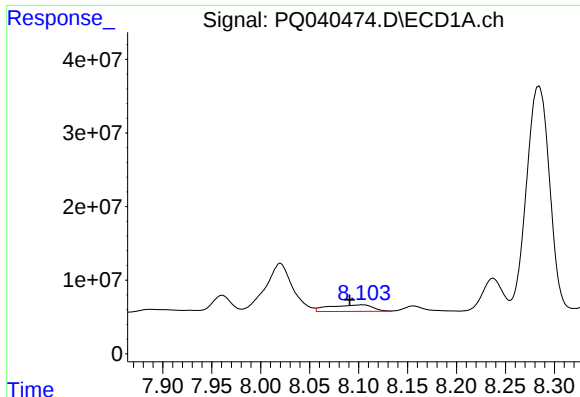
#24 AR-1248-4

R.T.: 8.020 min
Delta R.T.: -0.031 min
Response: 127001267
Conc: 841.24 ng/ml



#24 AR-1248-4

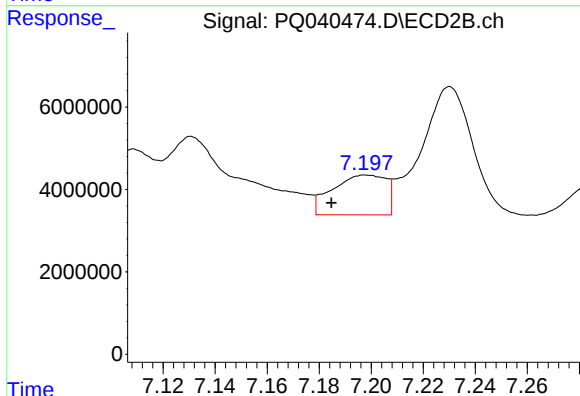
R.T.: 6.751 min
Delta R.T.: 0.022 min
Response: 1678240
Conc: 15.20 ng/ml



#25 AR-1248-5

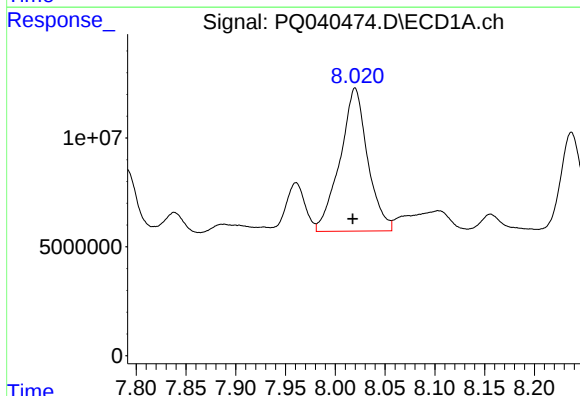
R.T.: 8.103 min
Delta R.T.: 0.012 min
Response: 27579103
Conc: 183.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



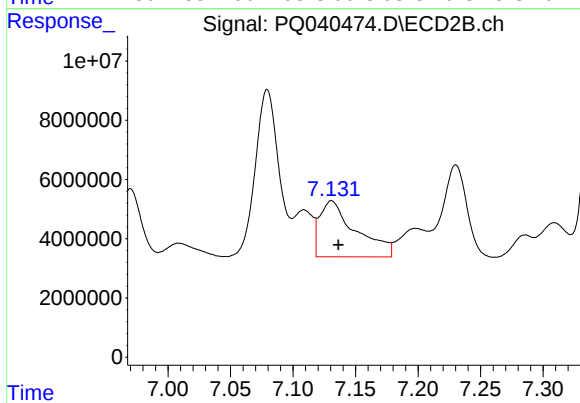
#25 AR-1248-5

R.T.: 7.199 min
Delta R.T.: 0.014 min
Response: 13830282
Conc: 121.81 ng/ml



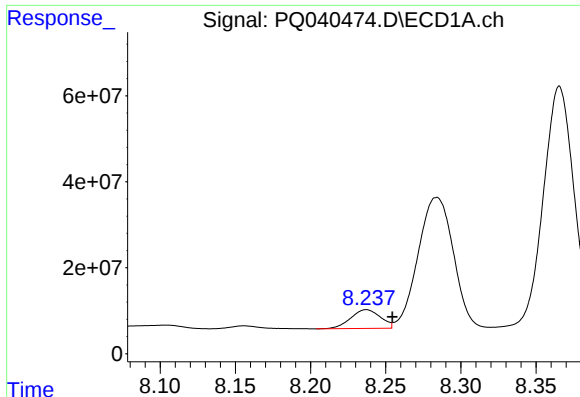
#26 AR-1254-1

R.T.: 8.020 min
Delta R.T.: 0.002 min
Response: 127001267
Conc: 728.24 ng/ml



#26 AR-1254-1

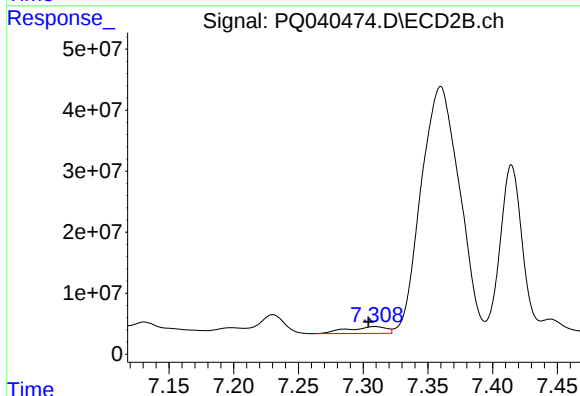
R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 38132544
Conc: 199.09 ng/ml



#27 AR-1254-2

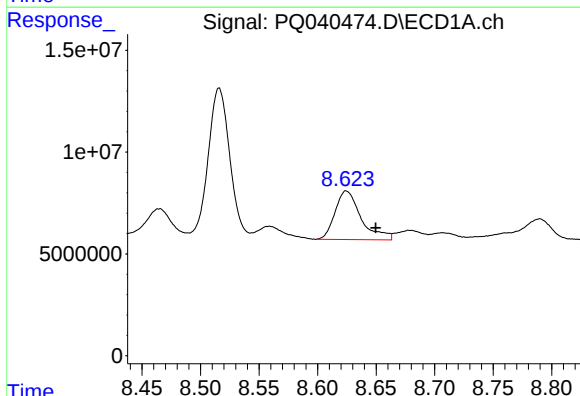
R.T.: 8.237 min
Delta R.T.: -0.017 min
Response: 59733798
Conc: 215.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



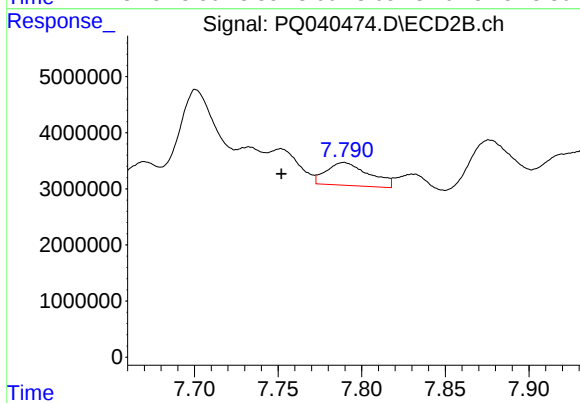
#27 AR-1254-2

R.T.: 7.309 min
Delta R.T.: 0.005 min
Response: 23207933
Conc: 133.59 ng/ml



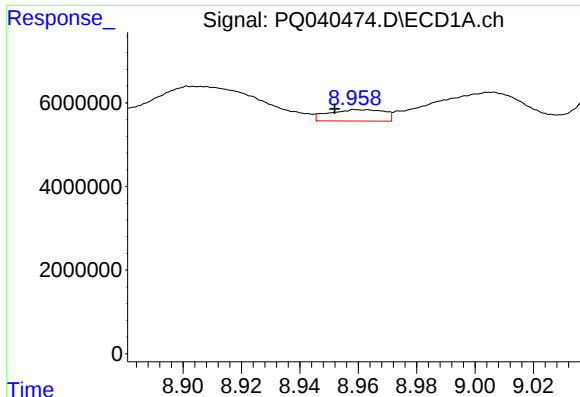
#28 AR-1254-3

R.T.: 8.625 min
Delta R.T.: -0.025 min
Response: 36971343
Conc: 124.57 ng/ml



#28 AR-1254-3

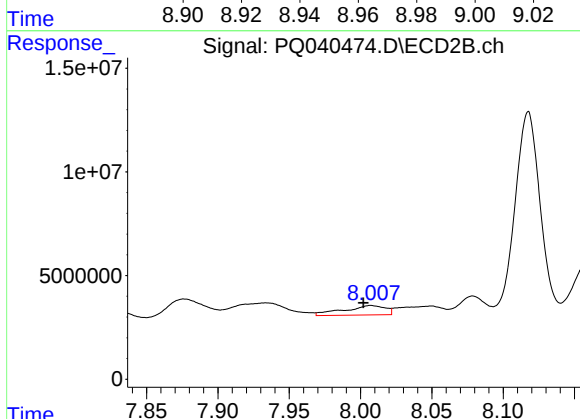
R.T.: 7.789 min
Delta R.T.: 0.037 min
Response: 7250652
Conc: 25.09 ng/ml



#29 AR-1254-4

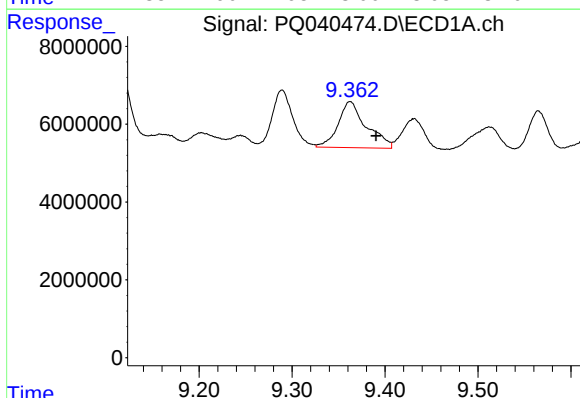
R.T.: 8.961 min
Delta R.T.: 0.010 min
Response: 3574771
Conc: 17.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



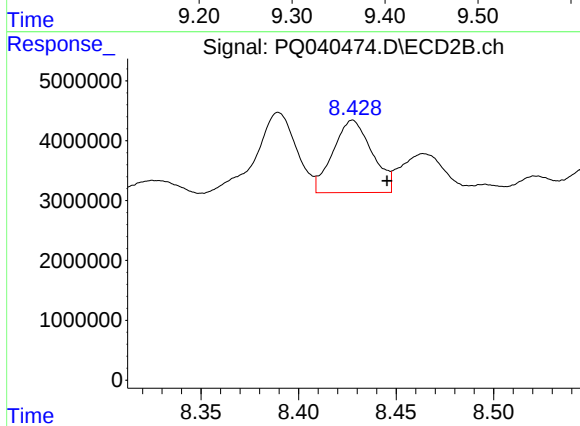
#29 AR-1254-4

R.T.: 8.008 min
Delta R.T.: 0.006 min
Response: 9263349
Conc: 51.88 ng/ml



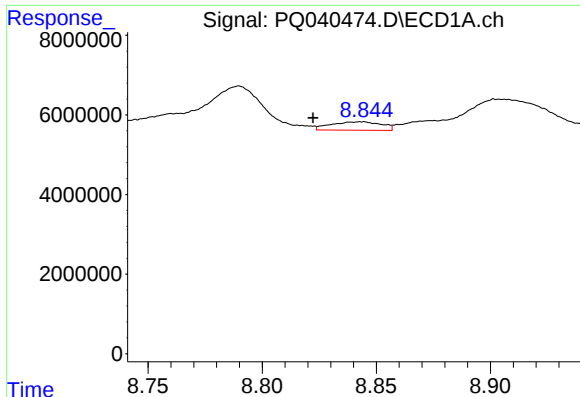
#30 AR-1254-5

R.T.: 9.363 min
Delta R.T.: -0.028 min
Response: 25051822
Conc: 86.99 ng/ml



#30 AR-1254-5

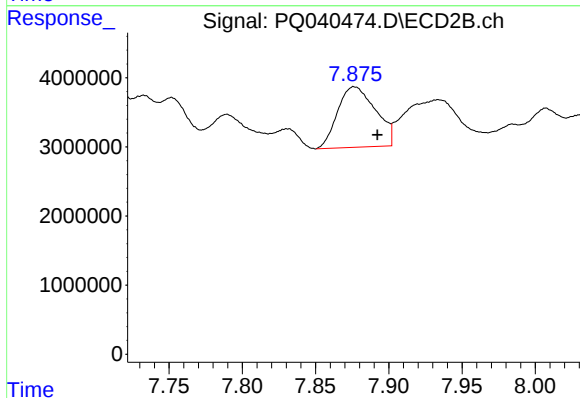
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 16865307
Conc: 65.46 ng/ml



#31 AR-1260-1

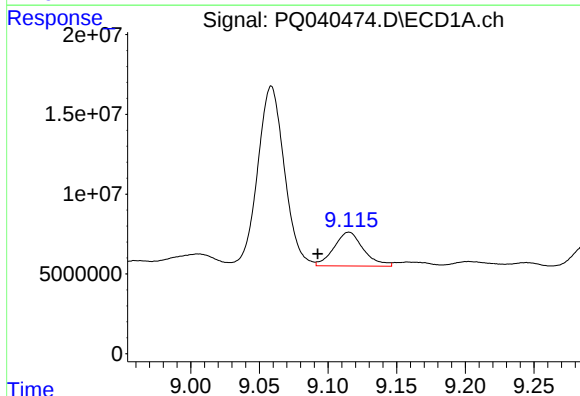
R.T.: 8.842 min
Delta R.T.: 0.020 min
Response: 3267611
Conc: 9.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



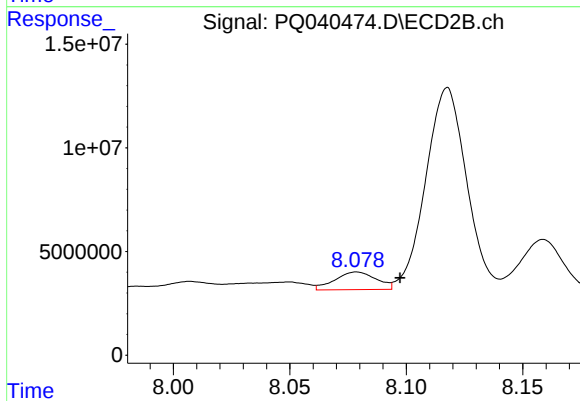
#31 AR-1260-1

R.T.: 7.877 min
Delta R.T.: -0.016 min
Response: 15820961
Conc: 57.71 ng/ml



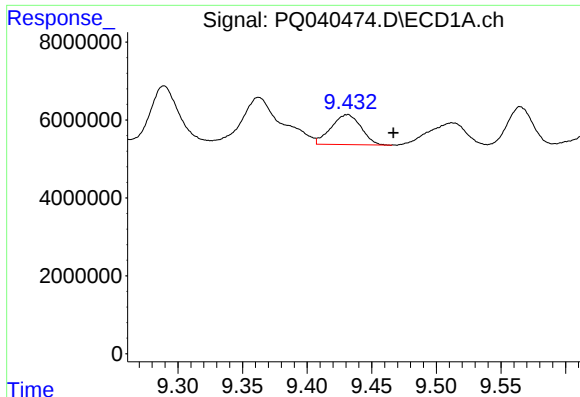
#32 AR-1260-2

R.T.: 9.115 min
Delta R.T.: 0.023 min
Response: 31659303
Conc: 78.37 ng/ml



#32 AR-1260-2

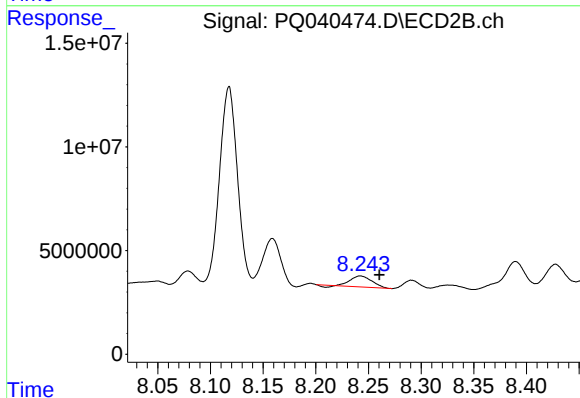
R.T.: 8.079 min
Delta R.T.: -0.019 min
Response: 10549842
Conc: 30.50 ng/ml



#33 AR-1260-3

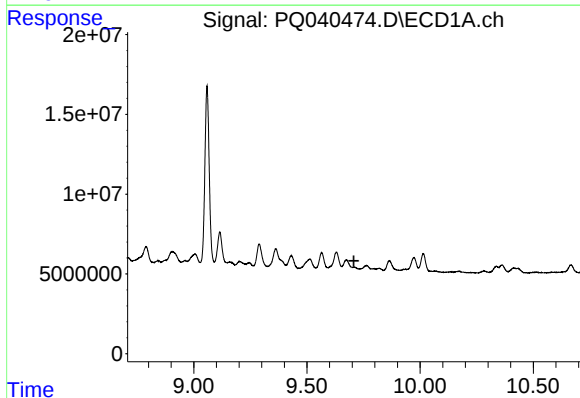
R.T.: 9.431 min
Delta R.T.: -0.036 min
Response: 12375022
Conc: 37.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



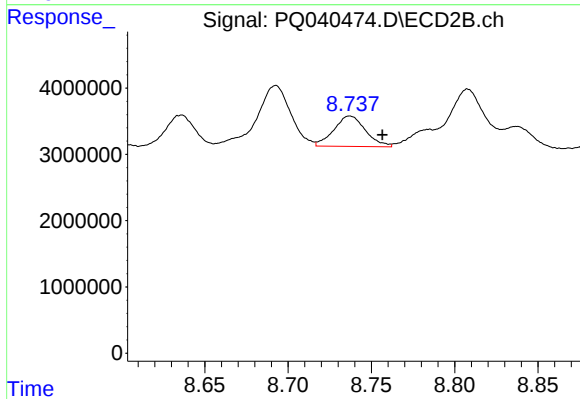
#33 AR-1260-3

R.T.: 8.242 min
Delta R.T.: -0.018 min
Response: 7087371
Conc: 22.10 ng/ml



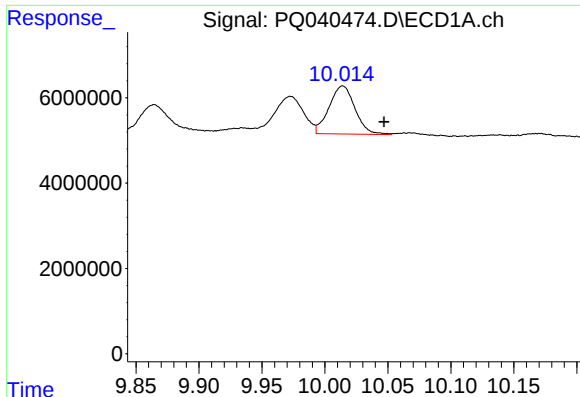
#34 AR-1260-4

R.T.: 9.674 min
Delta R.T.: -0.034 min
Response: -3790058
Conc: N.D.



#34 AR-1260-4

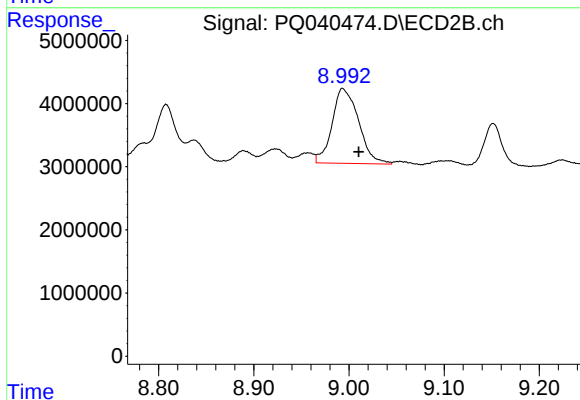
R.T.: 8.737 min
Delta R.T.: -0.019 min
Response: 6076014
Conc: 22.36 ng/ml



#35 AR-1260-5

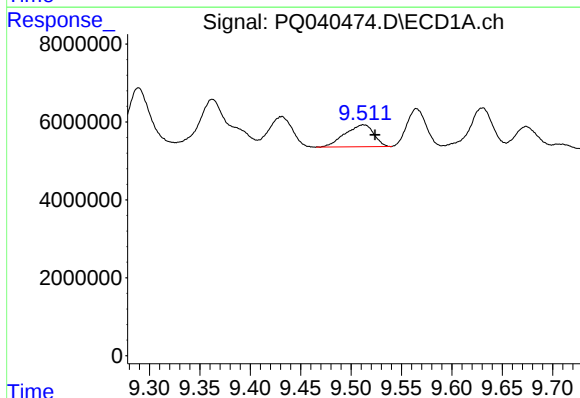
R.T.: 10.014 min
Delta R.T.: -0.033 min
Response: 16138799
Conc: 20.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



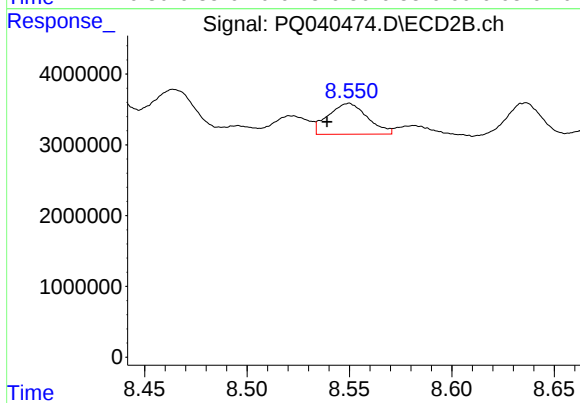
#35 AR-1260-5

R.T.: 8.994 min
Delta R.T.: -0.016 min
Response: 22975916
Conc: 34.18 ng/ml



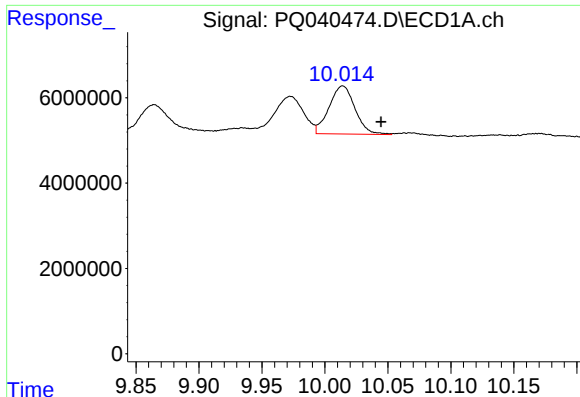
#36 AR-1262-1

R.T.: 9.512 min
Delta R.T.: -0.012 min
Response: 11215922
Conc: 80.68 ng/ml



#36 AR-1262-1

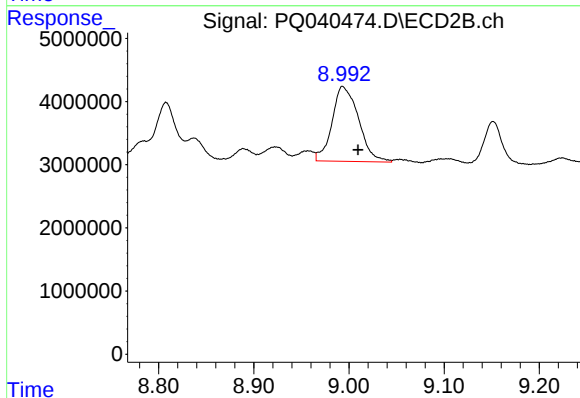
R.T.: 8.550 min
Delta R.T.: 0.010 min
Response: 5851643
Conc: 51.54 ng/ml



#37 AR-1262-2

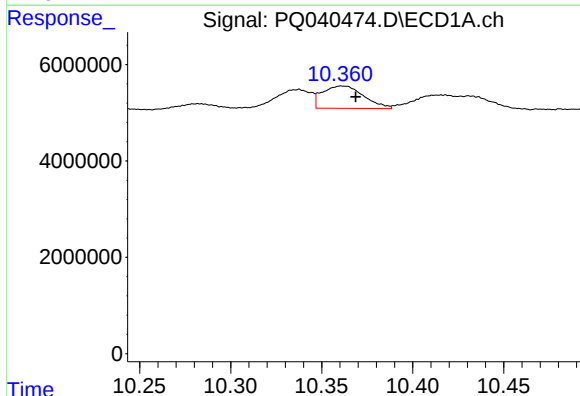
R.T.: 10.014 min
Delta R.T.: -0.030 min
Response: 16138799
Conc: 27.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



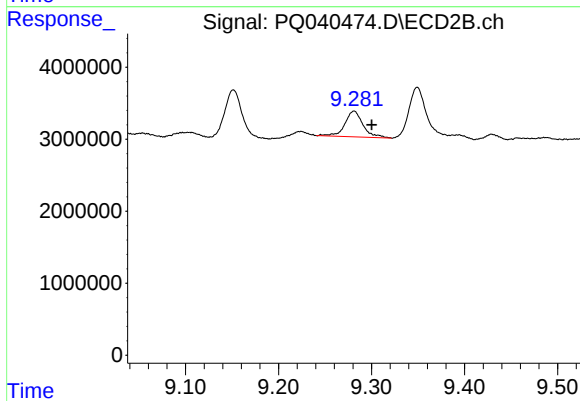
#37 AR-1262-2

R.T.: 8.994 min
Delta R.T.: -0.016 min
Response: 22975916
Conc: 46.31 ng/ml



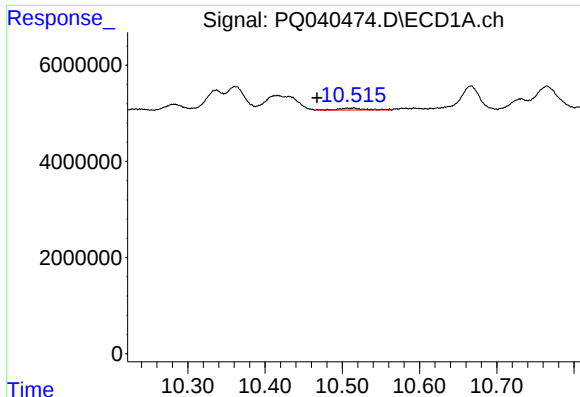
#38 AR-1262-3

R.T.: 10.361 min
Delta R.T.: -0.007 min
Response: 7362539
Conc: 17.41 ng/ml



#38 AR-1262-3

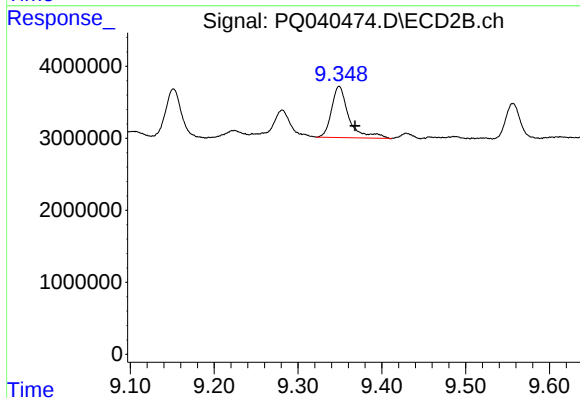
R.T.: 9.281 min
Delta R.T.: -0.019 min
Response: 4854510
Conc: 23.09 ng/ml



#39 AR-1262-4

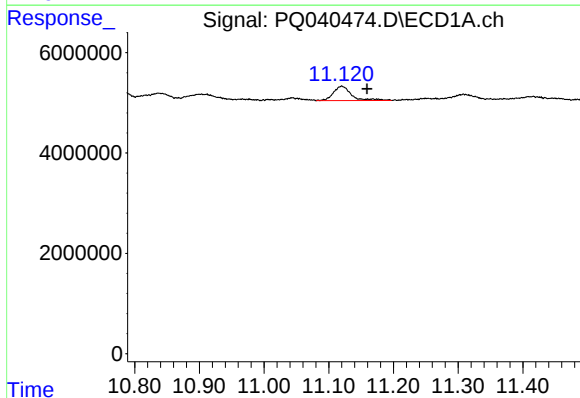
R.T.: 10.515 min
Delta R.T.: 0.047 min
Response: 992858
Conc: 2.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



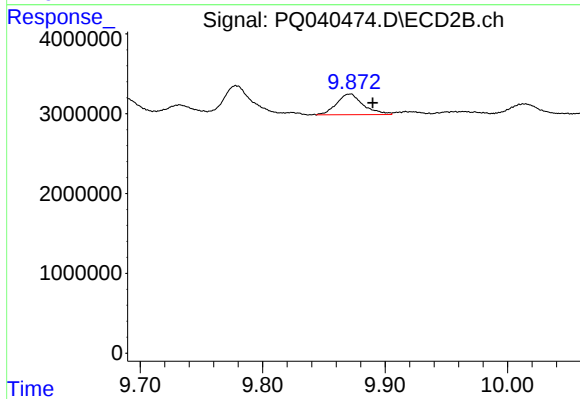
#39 AR-1262-4

R.T.: 9.349 min
Delta R.T.: -0.019 min
Response: 10220320
Conc: 26.99 ng/ml



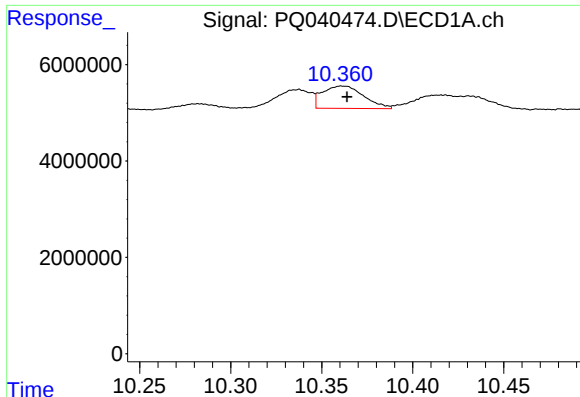
#40 AR-1262-5

R.T.: 11.120 min
Delta R.T.: -0.039 min
Response: 5478630
Conc: 23.32 ng/ml



#40 AR-1262-5

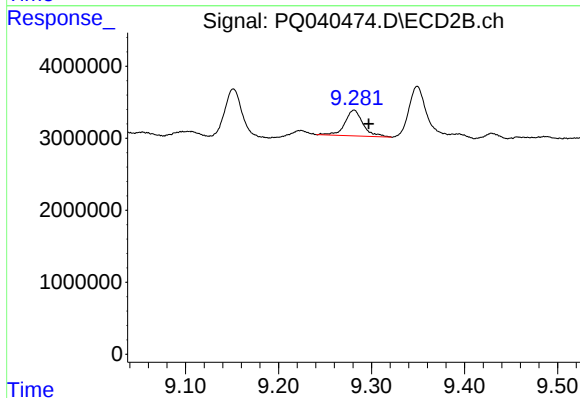
R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 3926661
Conc: 24.22 ng/ml



#41 AR-1268-1

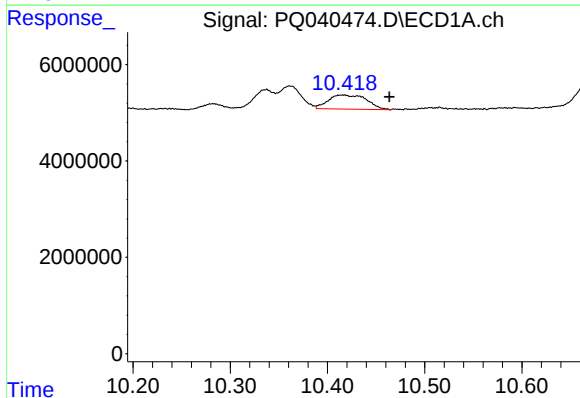
R.T.: 10.361 min
Delta R.T.: -0.003 min
Response: 7362539
Conc: 12.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



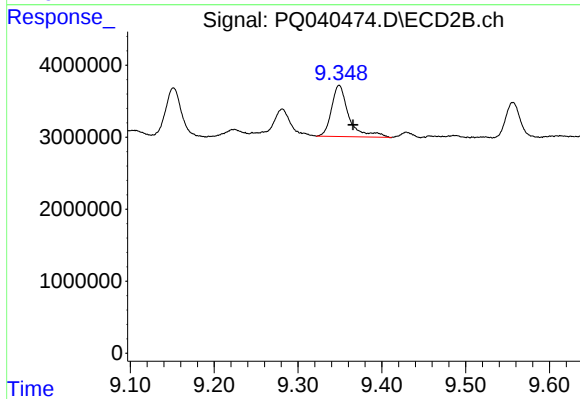
#41 AR-1268-1

R.T.: 9.281 min
Delta R.T.: -0.016 min
Response: 4854510
Conc: 10.64 ng/ml



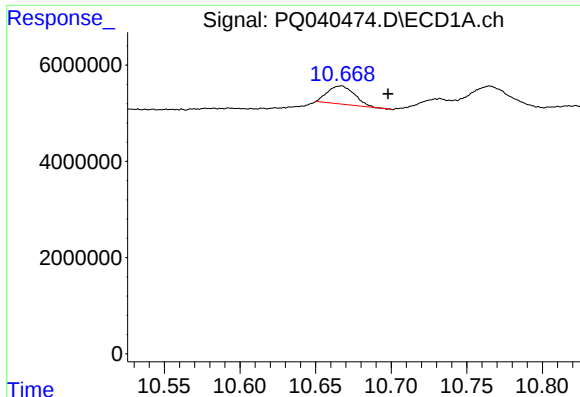
#42 AR-1268-2

R.T.: 10.416 min
Delta R.T.: -0.048 min
Response: 8040039
Conc: 13.07 ng/ml



#42 AR-1268-2

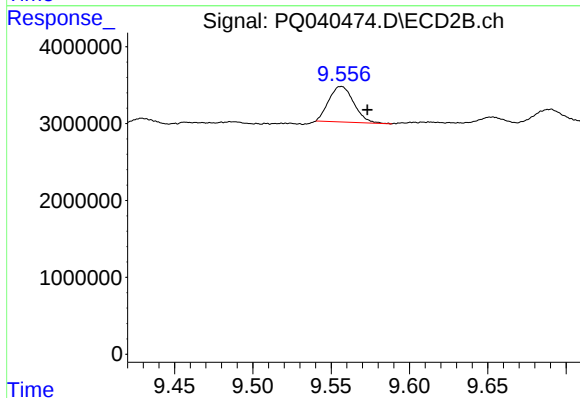
R.T.: 9.349 min
Delta R.T.: -0.017 min
Response: 10220320
Conc: 23.38 ng/ml



#43 AR-1268-3

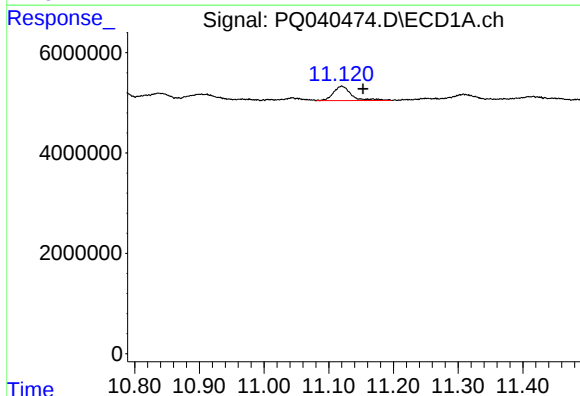
R.T.: 10.666 min
Delta R.T.: -0.032 min
Response: 4674833
Conc: 8.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



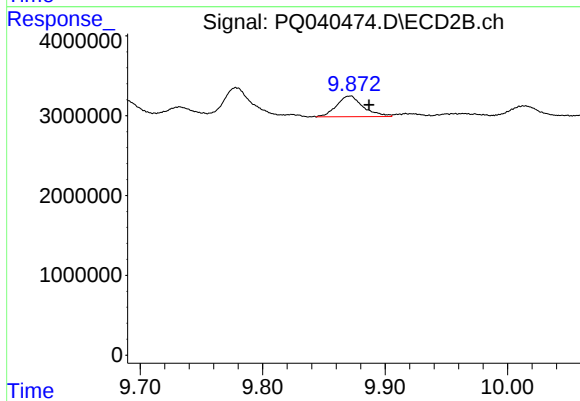
#43 AR-1268-3

R.T.: 9.556 min
Delta R.T.: -0.017 min
Response: 5122967
Conc: 13.65 ng/ml



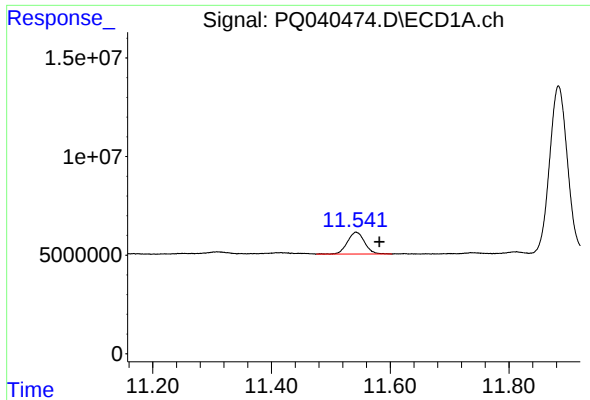
#44 AR-1268-4

R.T.: 11.120 min
Delta R.T.: -0.033 min
Response: 5478630
Conc: 26.86 ng/ml



#44 AR-1268-4

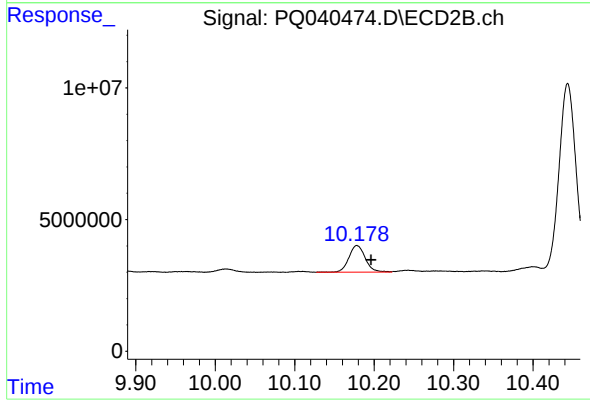
R.T.: 9.871 min
Delta R.T.: -0.016 min
Response: 3926661
Conc: 28.50 ng/ml



#45 AR-1268-5

R.T.: 11.543 min
Delta R.T.: -0.039 min
Response: 22326321
Conc: 12.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.179 min
Delta R.T.: -0.018 min
Response: 14442027
Conc: 12.24 ng/ml