

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 09:15
 Operator : SM\SJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1242304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:14:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 28 06:51:23 2018
 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...	4.612	3.880	38093738	32853509	18.249	19.608
2)	SA Decachlor...	10.479	8.972	89749578	85396993	32.887	36.786
Target Compounds							
3)	L1 AR-1016-1	5.326	4.565	16348425	13448066	300.578	305.753
4)	L1 AR-1016-2	5.522	4.982	16062686	19948455	291.848	306.050
5)	L1 AR-1016-3	5.792	5.002	22948551	28080166	292.063	302.431
6)	L1 AR-1016-4	5.877	5.059	19063583	18792723	268.748	300.786
7)	L1 AR-1016-5	6.271	5.437	18918463	16752014	296.609	305.939
8)	L2 AR-1221-1	4.820	4.096	1432116	1482613	71.191	77.875
9)	L2 AR-1221-2	4.910	4.185	2416078	1643255	166.968	161.752
10)	L2 AR-1221-3	4.988	4.263	9583174	8218177	165.330	197.330
11)	L3 AR-1232-1	5.792	4.761	22948551	14003863	511.169	770.575 #
12)	L3 AR-1232-2	5.978	4.875	17284416	3819437	777.931	773.342
13)	L3 AR-1232-3	6.147	5.263	5534862	15340869	791.509	909.395
14)	L3 AR-1232-4	6.482	5.587	5304931	18680973	797.821	853.801
15)	L3 AR-1232-5	7.362	6.169	3203461	2792289	660.208	948.710 #
16)	L4 AR-1242-1	5.357	4.586	9806948	7679120	409.572	411.703
17)	L4 AR-1242-2	6.112	5.181	16245288	14877342	389.170	382.938
18)	L4 AR-1242-3	6.313	5.295	8322403	5227876	392.907	418.379
19)	L4 AR-1242-4	6.357	5.661	6519046	4255721	417.286	386.759
20)	L4 AR-1242-5	6.414	6.054	21077519	11755931	389.915	410.394
21)	L5 AR-1248-1	6.065	5.220	13366388	11683693	176.152	187.332
22)	L5 AR-1248-2	6.647	5.790	14432752	20957839	179.408	175.675
23)	L5 AR-1248-3	6.647	5.832	14432752	17395671	135.499	213.543 #
24)	L5 AR-1248-4	6.715	6.009	19916449	13740786	196.751	191.493
25)	L5 AR-1248-5	6.913	6.346	13987618	6945127	201.906	119.947 #
26)	L6 AR-1254-1	6.874	5.937	18642374	5150267	99.983	42.328 #
27)	L6 AR-1254-2	7.150	6.256	5809204	4444555	49.727	42.921
28)	L6 AR-1254-3	7.237	6.573	7964768	5275335	38.081	39.809
29)	L6 AR-1254-4	7.521	6.892	6000316	5024899	39.274	53.638 #
30)	L6 AR-1254-5	7.798	6.993	6287492	2016007	53.962	10.610 #
31)	L7 AR-1260-1	7.399	6.464	445421	1758742	3.016	13.480 #
32)	L7 AR-1260-2	7.651	6.659	1629265	1047380	9.080	6.565 #
33)	L7 AR-1260-3	7.940	6.820	1503673	915228	6.932	6.071
34)	L7 AR-1260-4	8.238	7.333	795574	829406	5.026	6.614 #
35)	L7 AR-1260-5	8.584	0.000	447315	0	1.392	N.D. #
36)	L8 AR-1262-1	7.237	6.346	7964768	6945127	98.261	92.839
37)	L8 AR-1262-2	8.075	0.000	211146	0	2.601	N.D. #
38)	L8 AR-1262-3	0.000	7.333	0	829406	N.D.	10.954 #
40)	L8 AR-1262-5	9.650	0.000	238903	0	1.854	N.D. #
41)	L9 AR-1268-1	8.003	6.993	297021	2016007	3.280	24.391 #
42)	L9 AR-1268-2	8.238	0.000	795574	0	6.712	N.D. #

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 Acq On : 30 Aug 2018 09:15
 Operator : SM\SJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

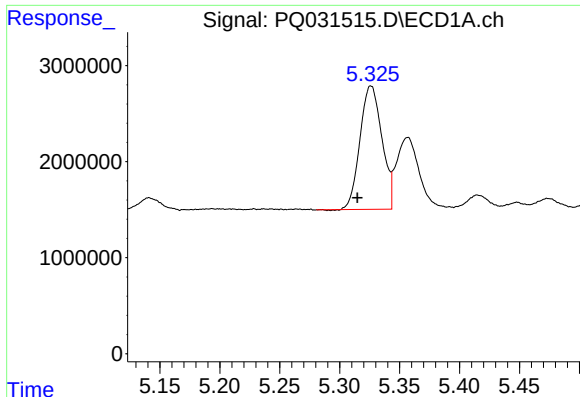
Instrument :
 ECD_Q
 ClientSampleId :
 AR1242304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:14:06 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
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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	8.884	0.000	52348	0	0.102	N.D.	#
44)	L9 AR-1268-4	9.240	0.000	586141	0	1.486	N.D.	#
45)	L9 AR-1268-5	10.124	8.701	1136854	803186	0.952	0.747	

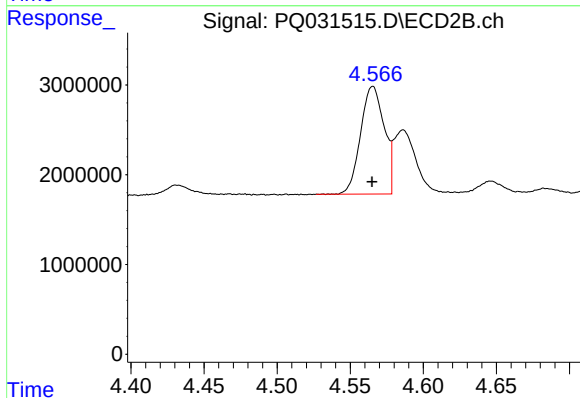
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

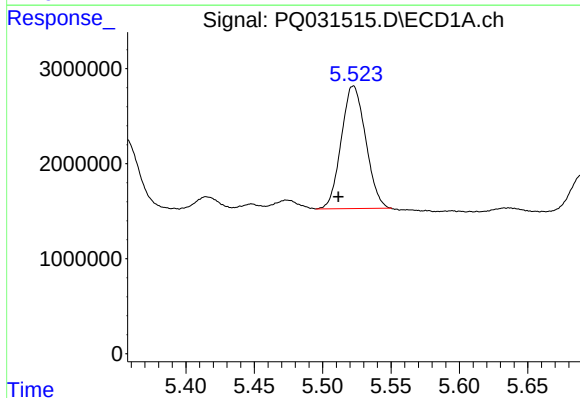
R.T.: 5.326 min
Delta R.T.: 0.011 min
Response: 16348425
Conc: 300.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



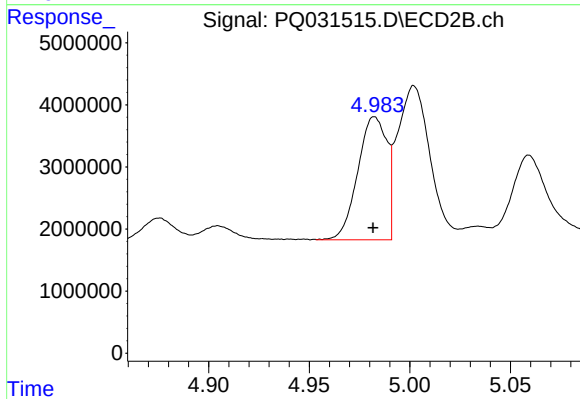
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 13448066
Conc: 305.75 ng/ml



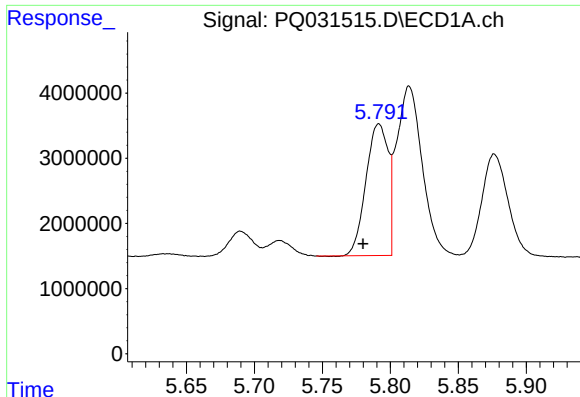
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: 0.011 min
Response: 16062686
Conc: 291.85 ng/ml



#4 AR-1016-2

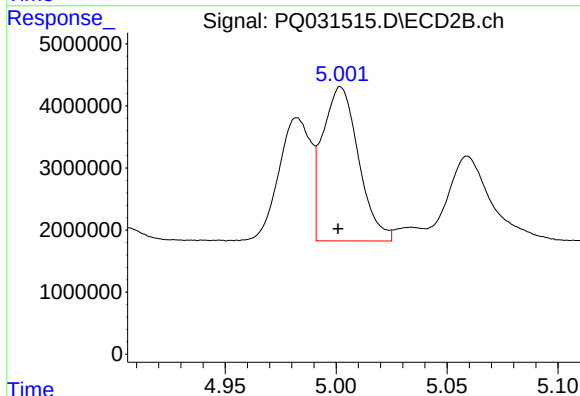
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 19948455
Conc: 306.05 ng/ml



#5 AR-1016-3

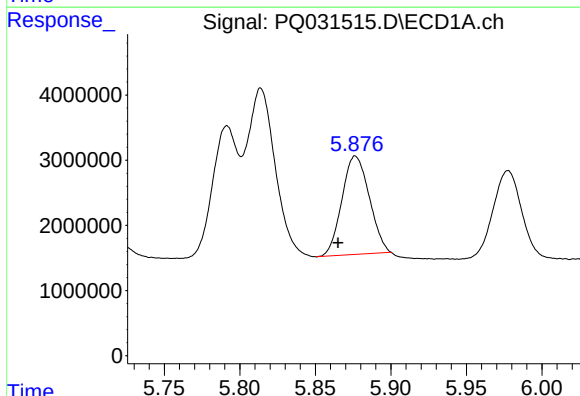
R.T.: 5.792 min
Delta R.T.: 0.012 min
Response: 22948551
Conc: 292.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



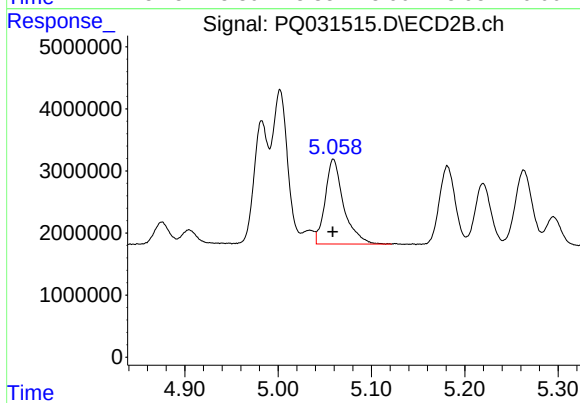
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 28080166
Conc: 302.43 ng/ml



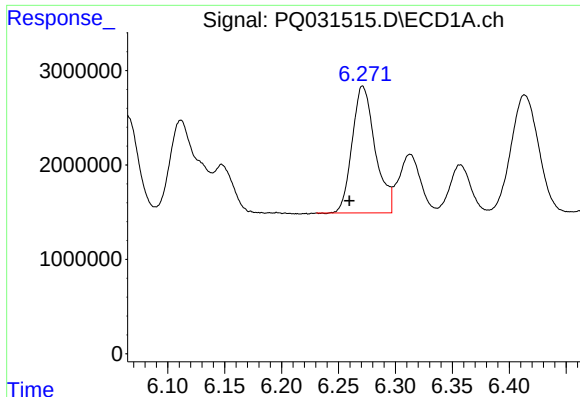
#6 AR-1016-4

R.T.: 5.877 min
Delta R.T.: 0.011 min
Response: 19063583
Conc: 268.75 ng/ml



#6 AR-1016-4

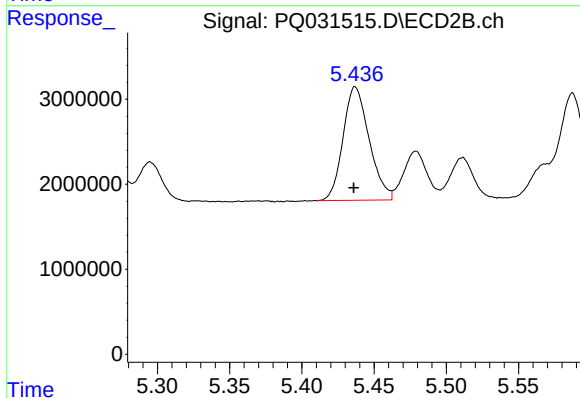
R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 18792723
Conc: 300.79 ng/ml



#7 AR-1016-5

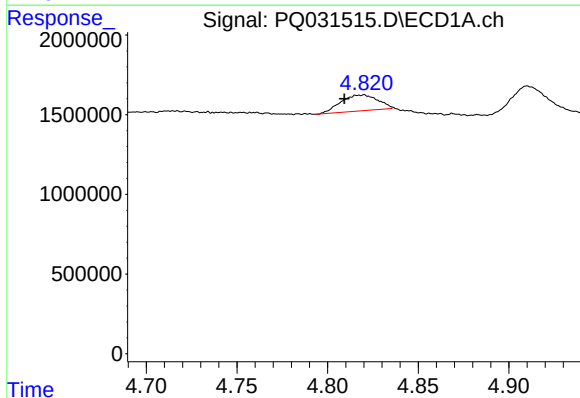
R.T.: 6.271 min
Delta R.T.: 0.011 min
Response: 18918463
Conc: 296.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



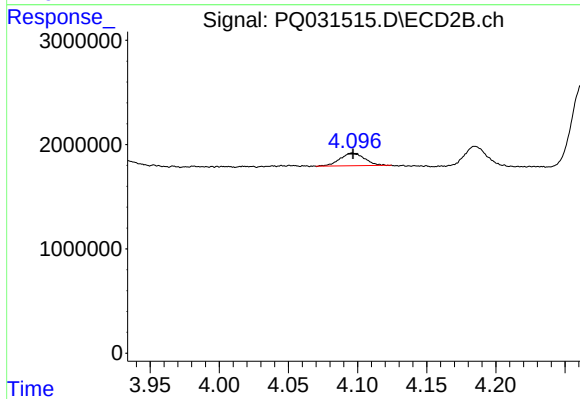
#7 AR-1016-5

R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 16752014
Conc: 305.94 ng/ml



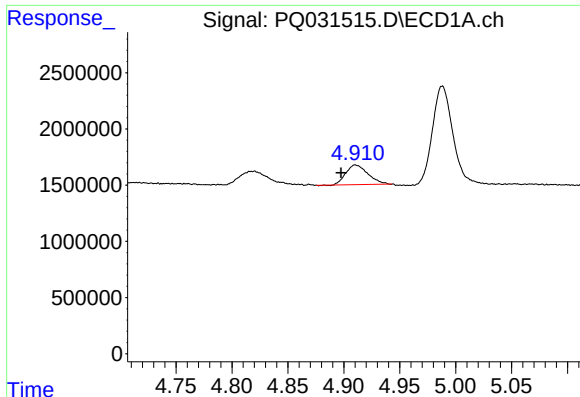
#8 AR-1221-1

R.T.: 4.820 min
Delta R.T.: 0.010 min
Response: 1432116
Conc: 71.19 ng/ml



#8 AR-1221-1

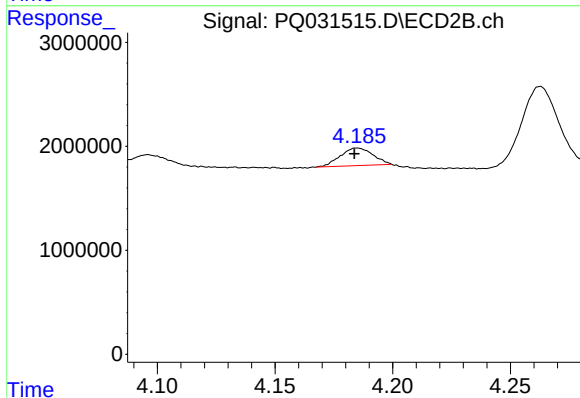
R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 1482613
Conc: 77.87 ng/ml



#9 AR-1221-2

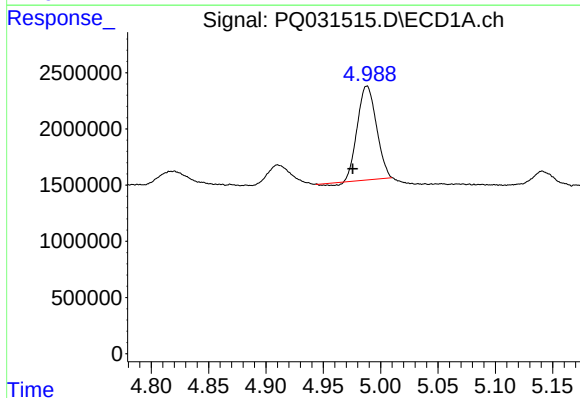
R.T.: 4.910 min
Delta R.T.: 0.013 min
Response: 2416078
Conc: 166.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



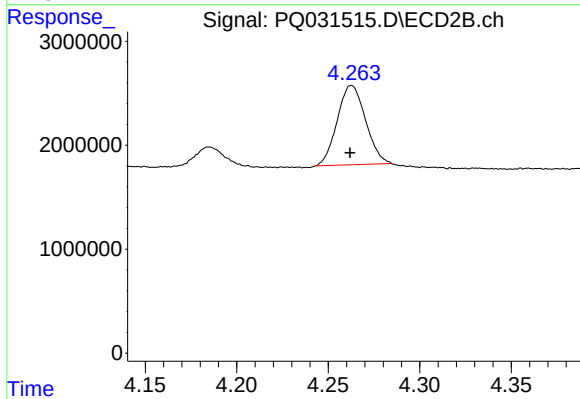
#9 AR-1221-2

R.T.: 4.185 min
Delta R.T.: 0.001 min
Response: 1643255
Conc: 161.75 ng/ml



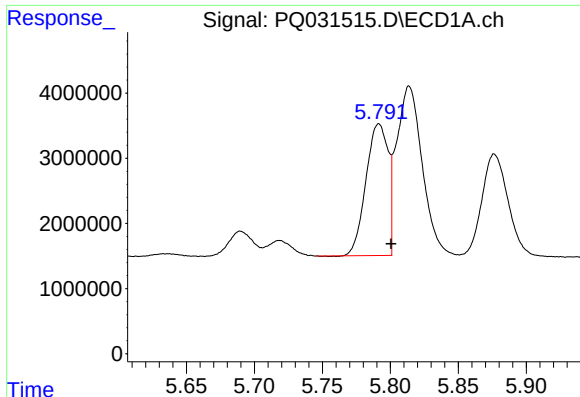
#10 AR-1221-3

R.T.: 4.988 min
Delta R.T.: 0.013 min
Response: 9583174
Conc: 165.33 ng/ml



#10 AR-1221-3

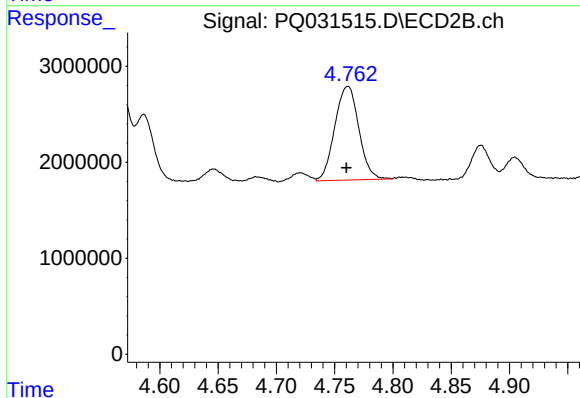
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 8218177
Conc: 197.33 ng/ml



#11 AR-1232-1

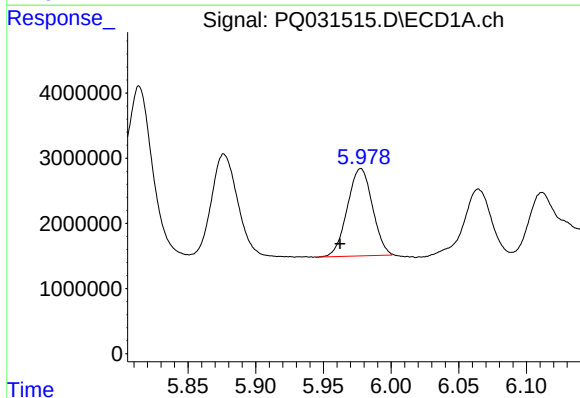
R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 22948551
Conc: 511.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



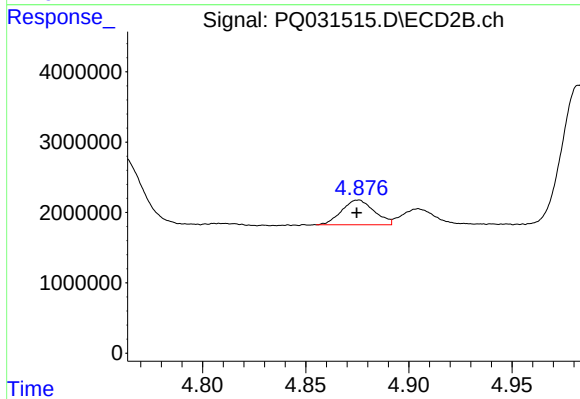
#11 AR-1232-1

R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 14003863
Conc: 770.58 ng/ml



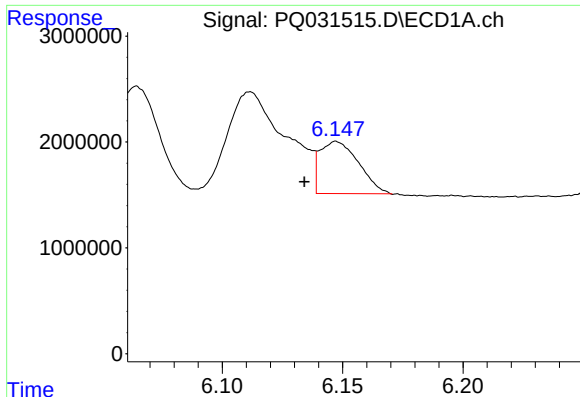
#12 AR-1232-2

R.T.: 5.978 min
Delta R.T.: 0.015 min
Response: 17284416
Conc: 777.93 ng/ml



#12 AR-1232-2

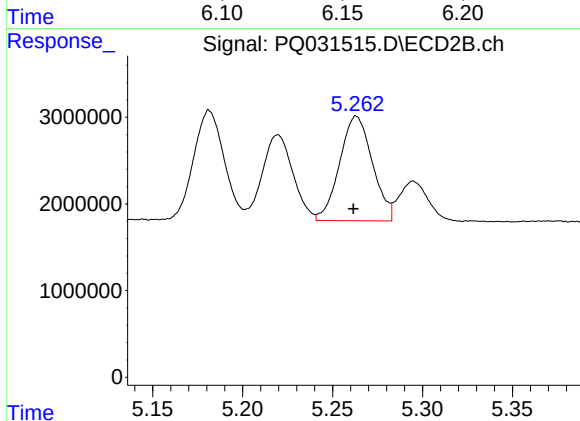
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 3819437
Conc: 773.34 ng/ml



#13 AR-1232-3

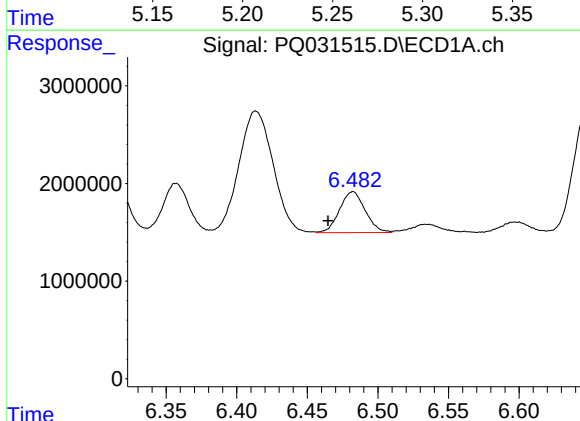
R.T.: 6.147 min
Delta R.T.: 0.013 min
Response: 5534862
Conc: 791.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



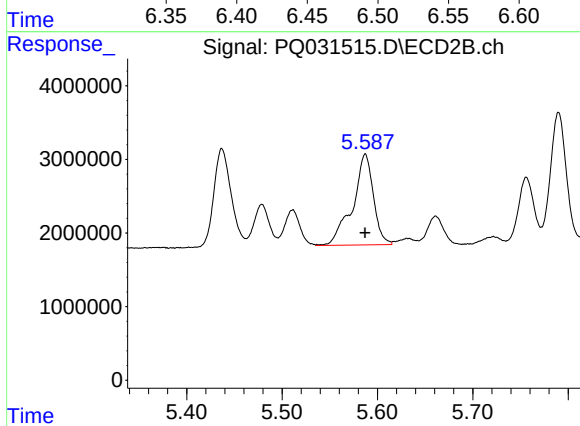
#13 AR-1232-3

R.T.: 5.263 min
Delta R.T.: 0.002 min
Response: 15340869
Conc: 909.40 ng/ml



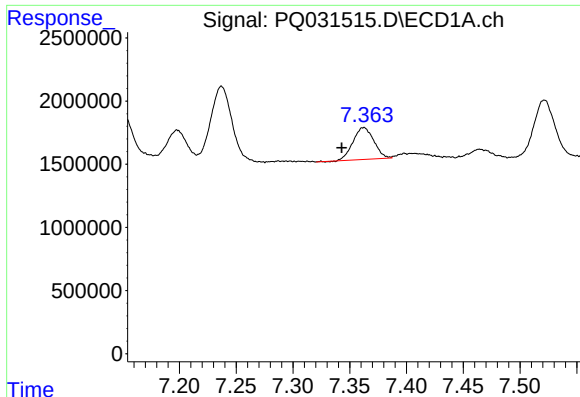
#14 AR-1232-4

R.T.: 6.482 min
Delta R.T.: 0.018 min
Response: 5304931
Conc: 797.82 ng/ml



#14 AR-1232-4

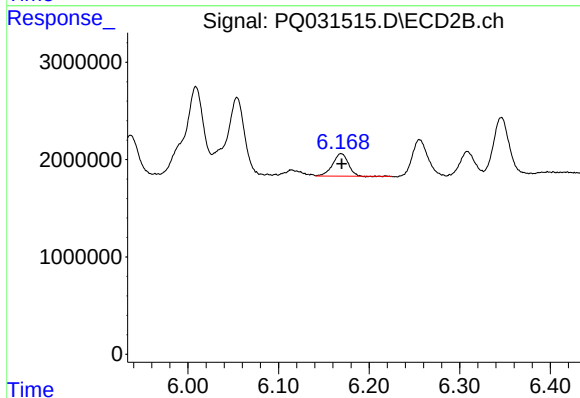
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 18680973
Conc: 853.80 ng/ml



#15 AR-1232-5

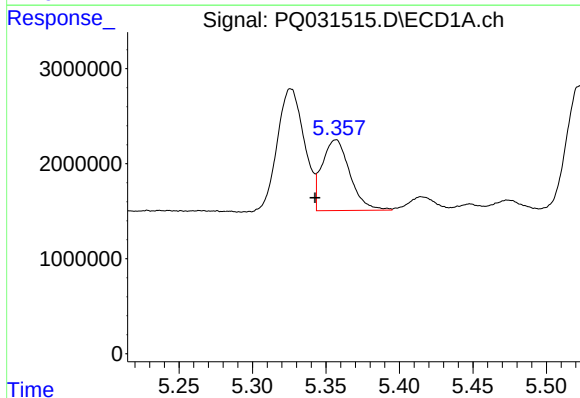
R.T.: 7.362 min
Delta R.T.: 0.019 min
Response: 3203461
Conc: 660.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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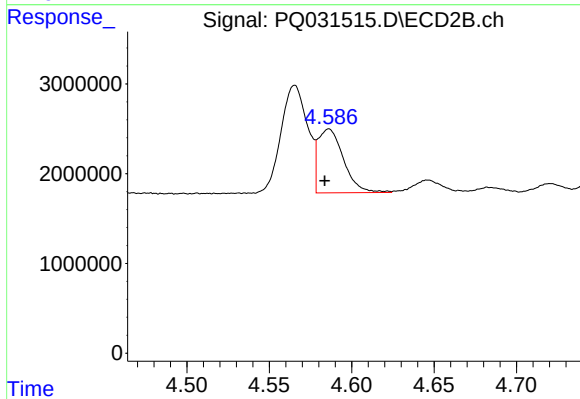
#15 AR-1232-5

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 2792289
Conc: 948.71 ng/ml



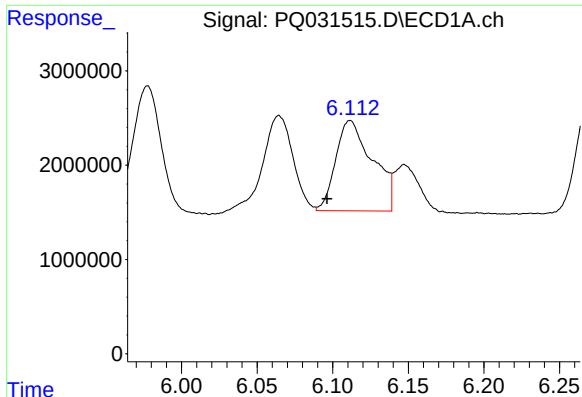
#16 AR-1242-1

R.T.: 5.357 min
Delta R.T.: 0.014 min
Response: 9806948
Conc: 409.57 ng/ml



#16 AR-1242-1

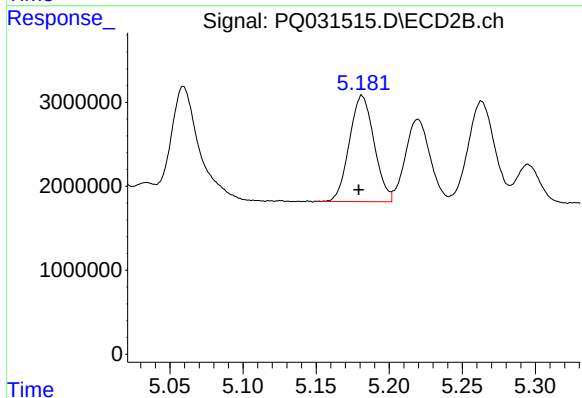
R.T.: 4.586 min
Delta R.T.: 0.003 min
Response: 7679120
Conc: 411.70 ng/ml



#17 AR-1242-2

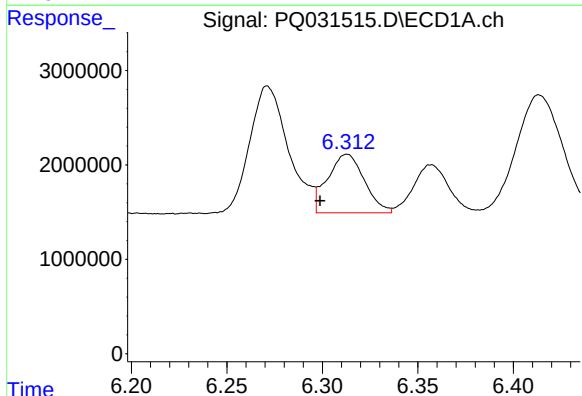
R.T.: 6.112 min
Delta R.T.: 0.015 min
Response: 16245288
Conc: 389.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



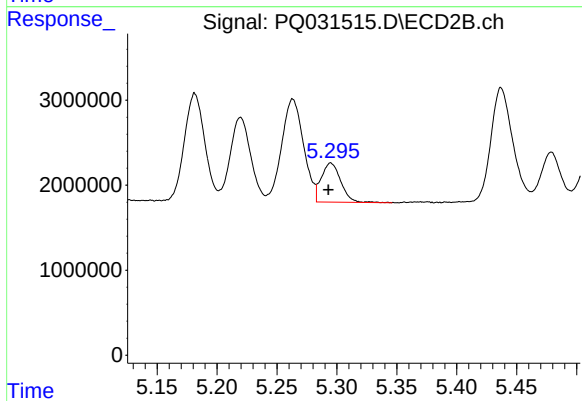
#17 AR-1242-2

R.T.: 5.181 min
Delta R.T.: 0.002 min
Response: 14877342
Conc: 382.94 ng/ml



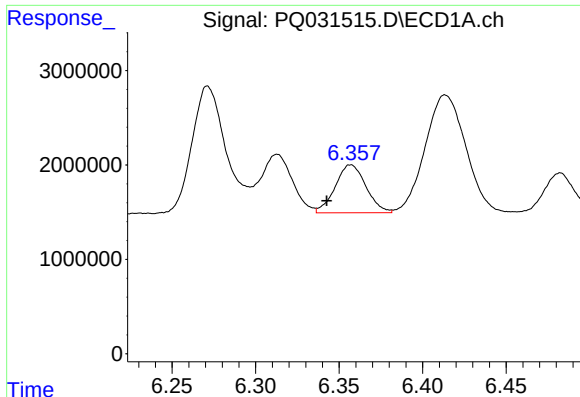
#18 AR-1242-3

R.T.: 6.313 min
Delta R.T.: 0.014 min
Response: 8322403
Conc: 392.91 ng/ml



#18 AR-1242-3

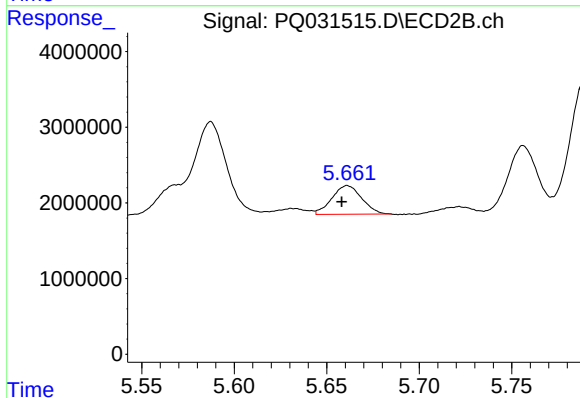
R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 5227876
Conc: 418.38 ng/ml



#19 AR-1242-4

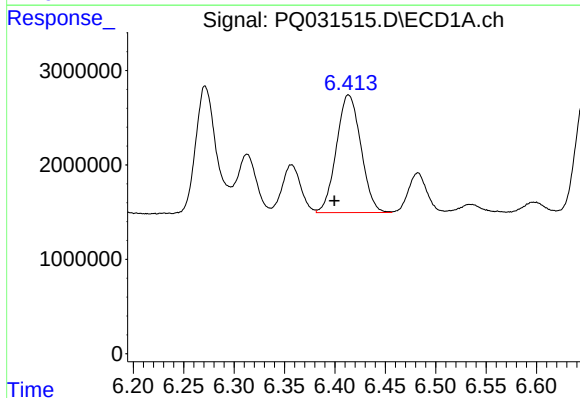
R.T.: 6.357 min
Delta R.T.: 0.014 min
Response: 6519046
Conc: 417.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



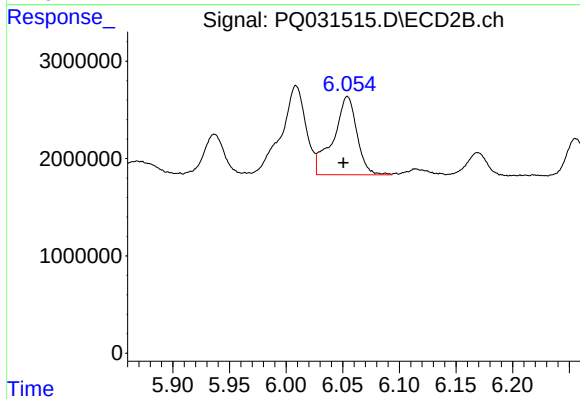
#19 AR-1242-4

R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 4255721
Conc: 386.76 ng/ml



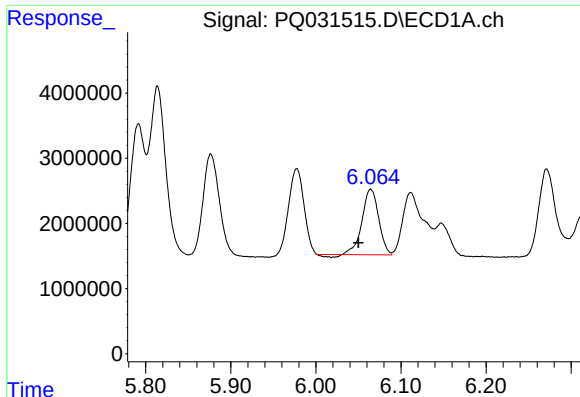
#20 AR-1242-5

R.T.: 6.414 min
Delta R.T.: 0.014 min
Response: 21077519
Conc: 389.92 ng/ml



#20 AR-1242-5

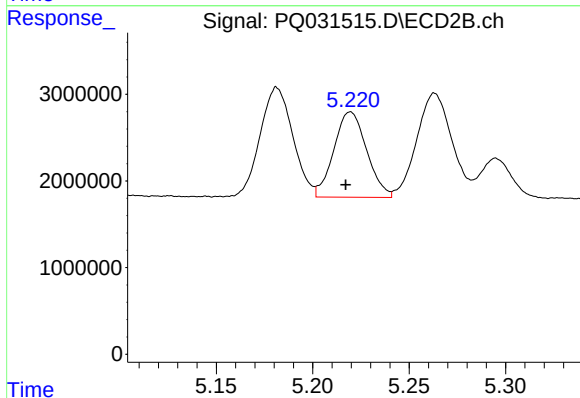
R.T.: 6.054 min
Delta R.T.: 0.003 min
Response: 11755931
Conc: 410.39 ng/ml



#21 AR-1248-1

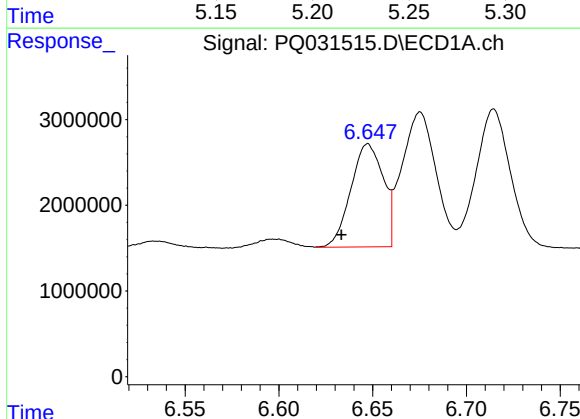
R.T.: 6.065 min
Delta R.T.: 0.014 min
Response: 13366388
Conc: 176.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



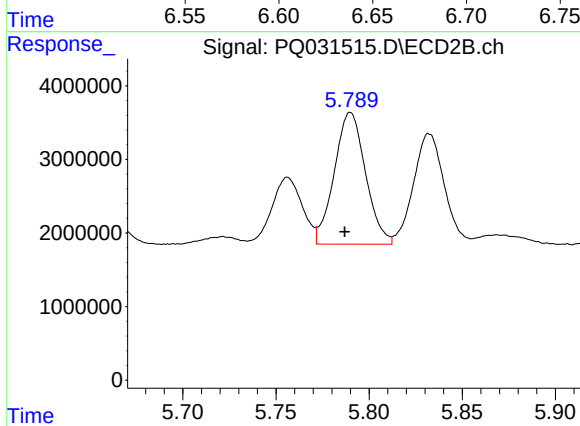
#21 AR-1248-1

R.T.: 5.220 min
Delta R.T.: 0.002 min
Response: 11683693
Conc: 187.33 ng/ml



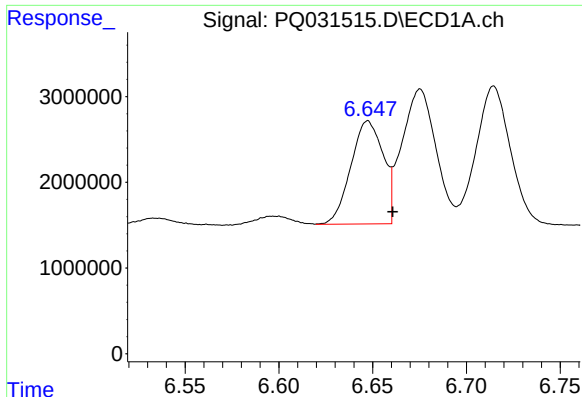
#22 AR-1248-2

R.T.: 6.647 min
Delta R.T.: 0.014 min
Response: 14432752
Conc: 179.41 ng/ml



#22 AR-1248-2

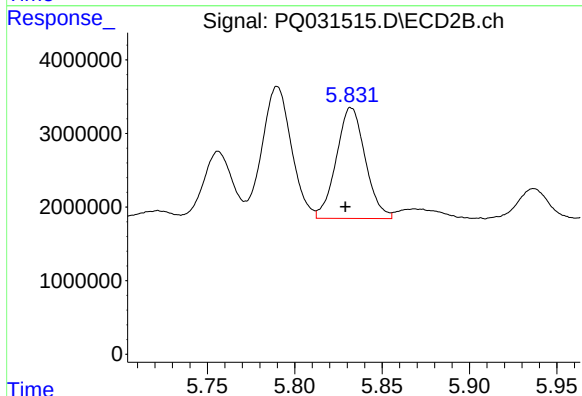
R.T.: 5.790 min
Delta R.T.: 0.003 min
Response: 20957839
Conc: 175.68 ng/ml



#23 AR-1248-3

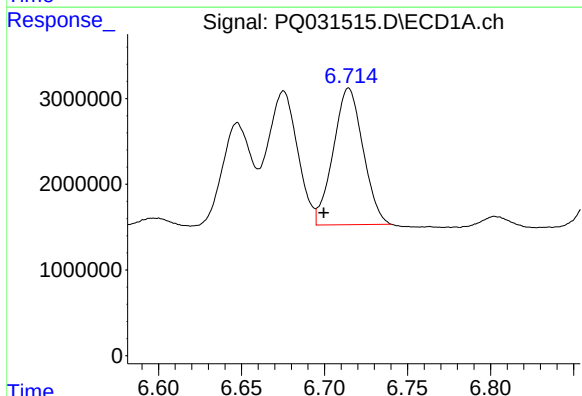
R.T.: 6.647 min
Delta R.T.: -0.013 min
Response: 14432752
Conc: 135.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



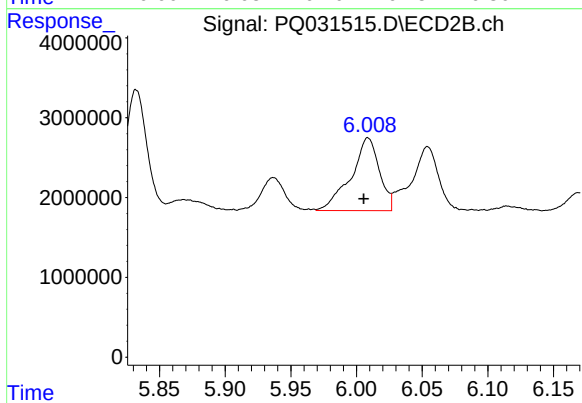
#23 AR-1248-3

R.T.: 5.832 min
Delta R.T.: 0.003 min
Response: 17395671
Conc: 213.54 ng/ml



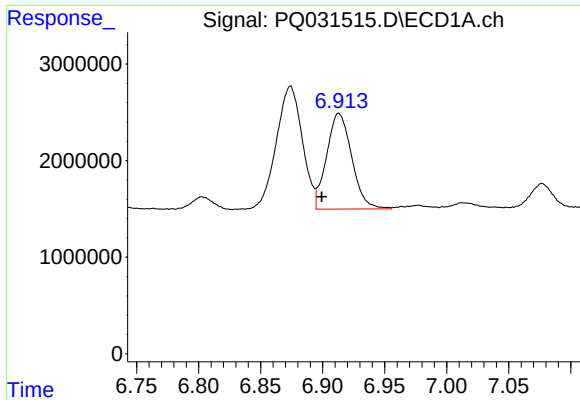
#24 AR-1248-4

R.T.: 6.715 min
Delta R.T.: 0.015 min
Response: 19916449
Conc: 196.75 ng/ml



#24 AR-1248-4

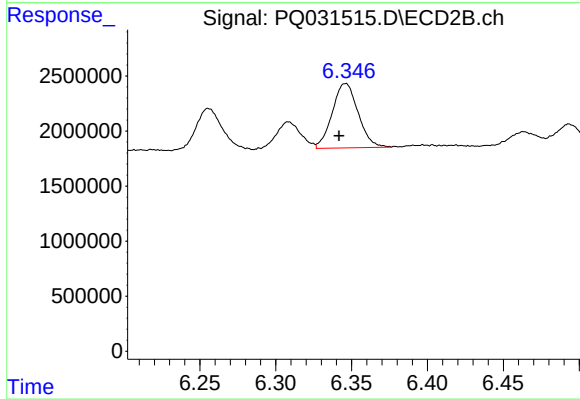
R.T.: 6.009 min
Delta R.T.: 0.003 min
Response: 13740786
Conc: 191.49 ng/ml



#25 AR-1248-5

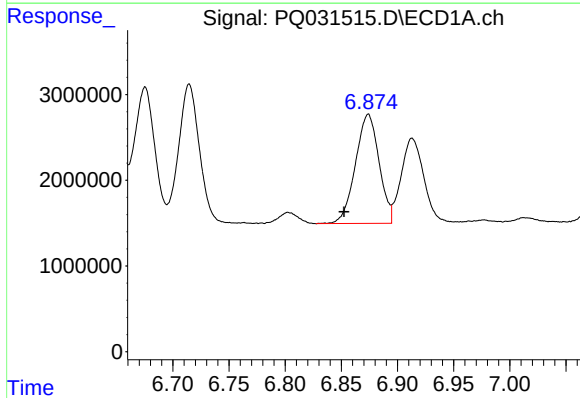
R.T.: 6.913 min
Delta R.T.: 0.014 min
Response: 13987618
Conc: 201.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



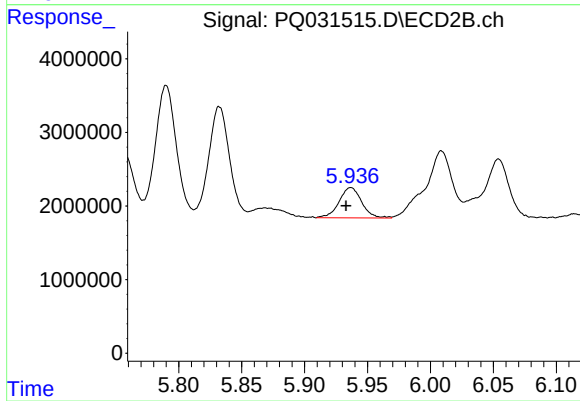
#25 AR-1248-5

R.T.: 6.346 min
Delta R.T.: 0.004 min
Response: 6945127
Conc: 119.95 ng/ml



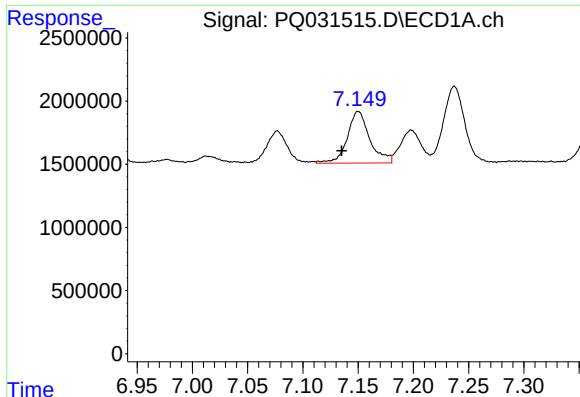
#26 AR-1254-1

R.T.: 6.874 min
Delta R.T.: 0.022 min
Response: 18642374
Conc: 99.98 ng/ml



#26 AR-1254-1

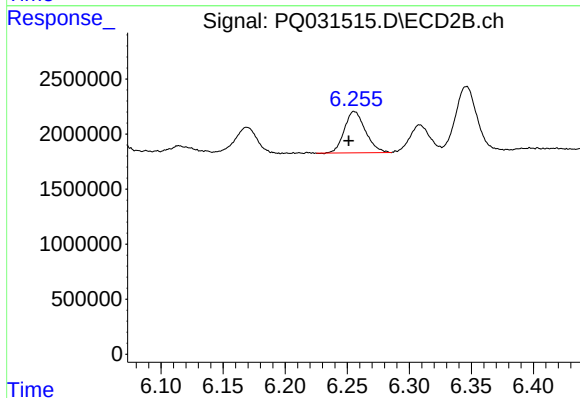
R.T.: 5.937 min
Delta R.T.: 0.004 min
Response: 5150267
Conc: 42.33 ng/ml



#27 AR-1254-2

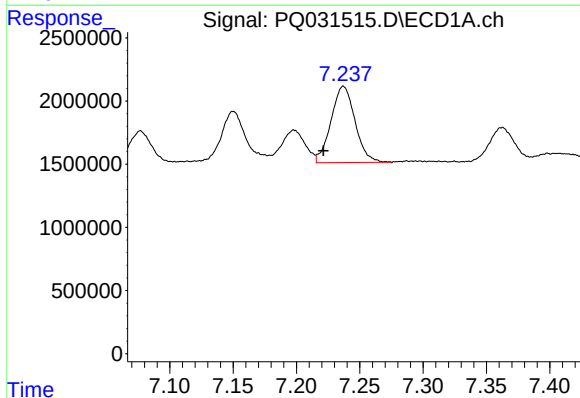
R.T.: 7.150 min
Delta R.T.: 0.015 min
Response: 5809204
Conc: 49.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



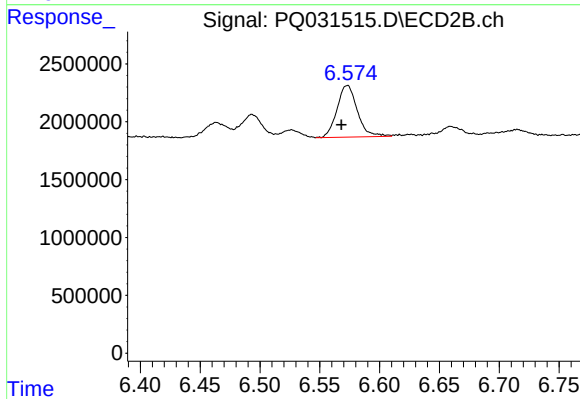
#27 AR-1254-2

R.T.: 6.256 min
Delta R.T.: 0.005 min
Response: 4444555
Conc: 42.92 ng/ml



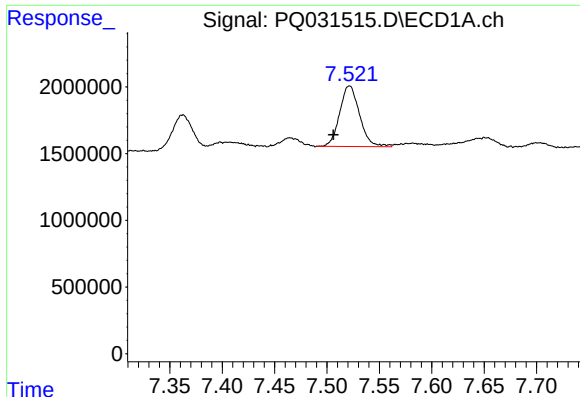
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.016 min
Response: 7964768
Conc: 38.08 ng/ml



#28 AR-1254-3

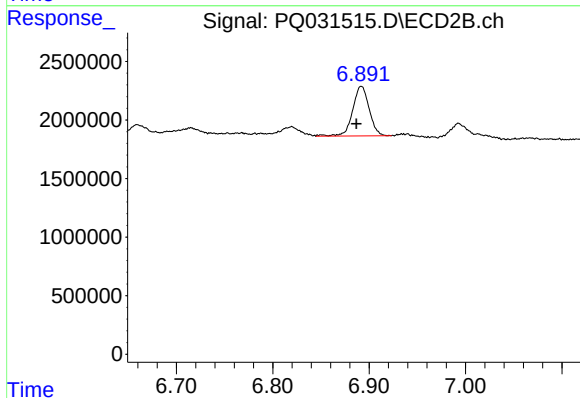
R.T.: 6.573 min
Delta R.T.: 0.005 min
Response: 5275335
Conc: 39.81 ng/ml



#29 AR-1254-4

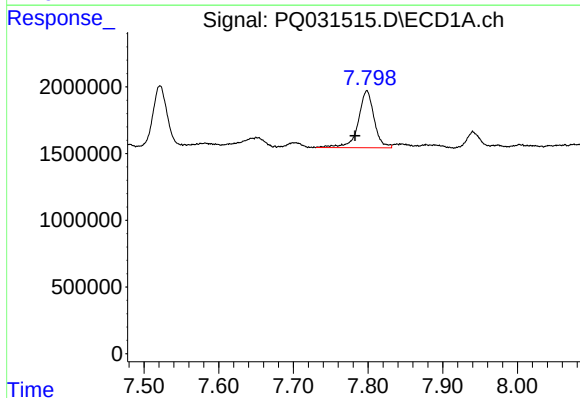
R.T.: 7.521 min
Delta R.T.: 0.015 min
Response: 6000316
Conc: 39.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



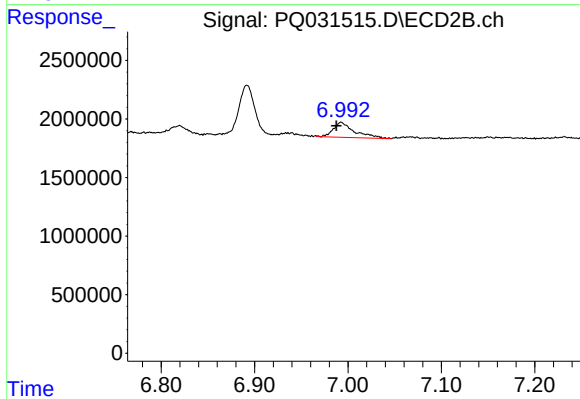
#29 AR-1254-4

R.T.: 6.892 min
Delta R.T.: 0.005 min
Response: 5024899
Conc: 53.64 ng/ml



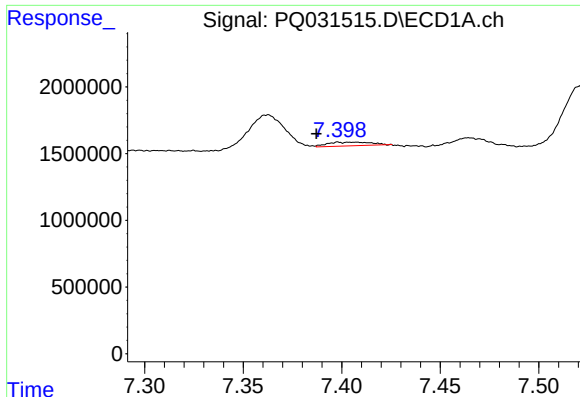
#30 AR-1254-5

R.T.: 7.798 min
Delta R.T.: 0.016 min
Response: 6287492
Conc: 53.96 ng/ml



#30 AR-1254-5

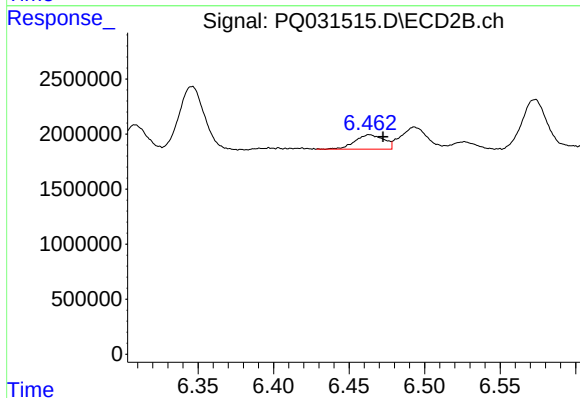
R.T.: 6.993 min
Delta R.T.: 0.005 min
Response: 2016007
Conc: 10.61 ng/ml



#31 AR-1260-1

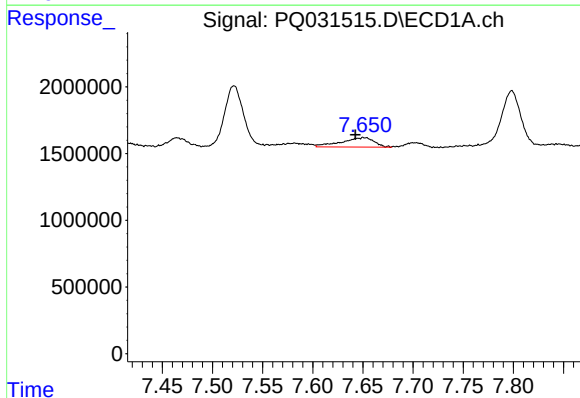
R.T.: 7.399 min
Delta R.T.: 0.011 min
Response: 445421
Conc: 3.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



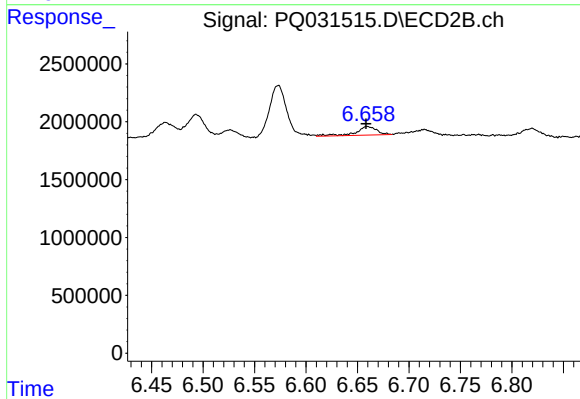
#31 AR-1260-1

R.T.: 6.464 min
Delta R.T.: -0.009 min
Response: 1758742
Conc: 13.48 ng/ml



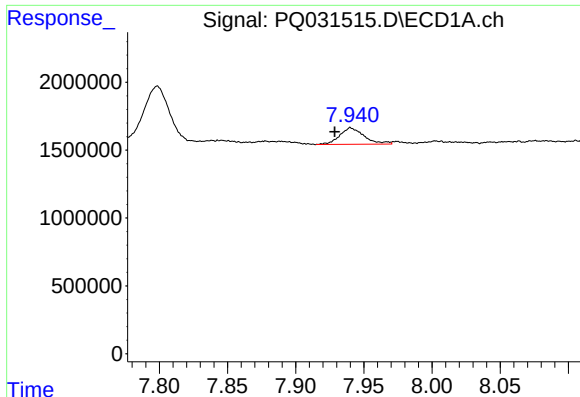
#32 AR-1260-2

R.T.: 7.651 min
Delta R.T.: 0.009 min
Response: 1629265
Conc: 9.08 ng/ml



#32 AR-1260-2

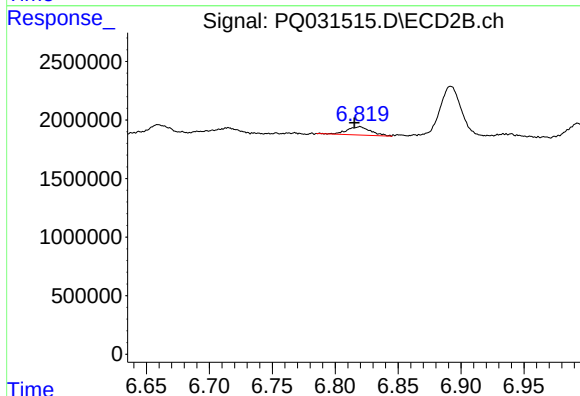
R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 1047380
Conc: 6.57 ng/ml



#33 AR-1260-3

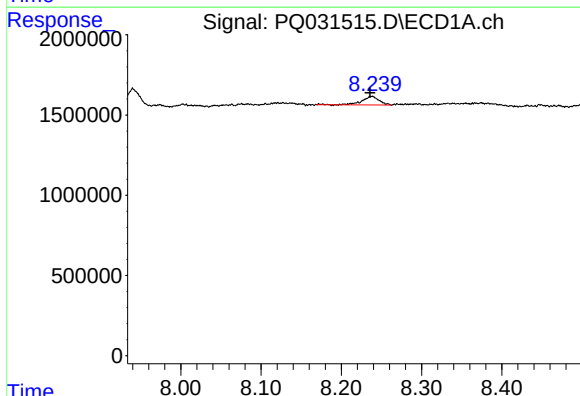
R.T.: 7.940 min
Delta R.T.: 0.012 min
Response: 1503673
Conc: 6.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



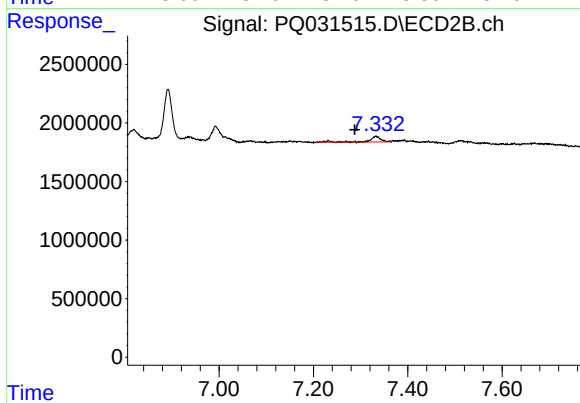
#33 AR-1260-3

R.T.: 6.820 min
Delta R.T.: 0.004 min
Response: 915228
Conc: 6.07 ng/ml



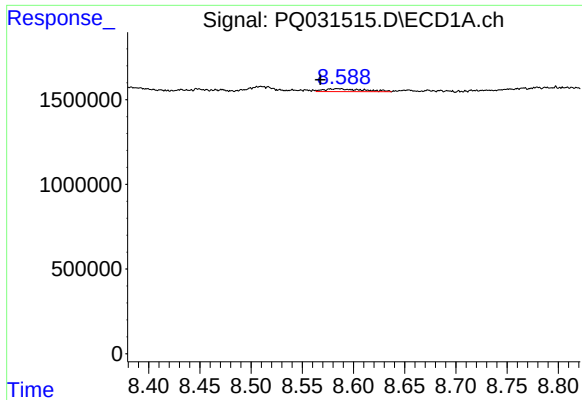
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: 0.002 min
Response: 795574
Conc: 5.03 ng/ml



#34 AR-1260-4

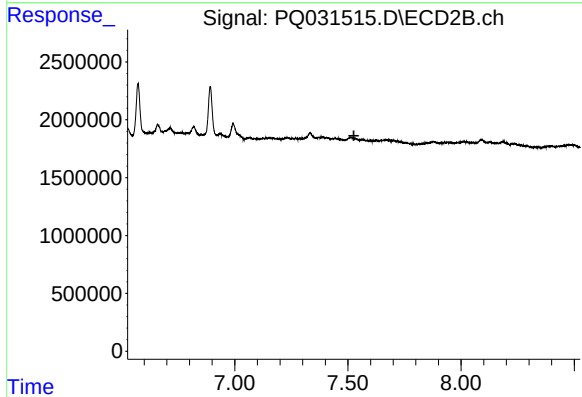
R.T.: 7.333 min
Delta R.T.: 0.045 min
Response: 829406
Conc: 6.61 ng/ml



#35 AR-1260-5

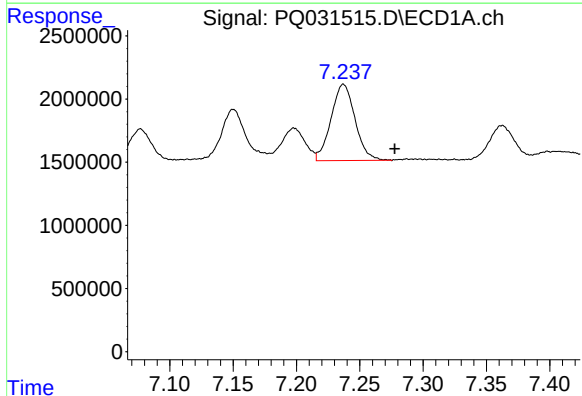
R.T.: 8.584 min
Delta R.T.: 0.017 min
Response: 447315
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



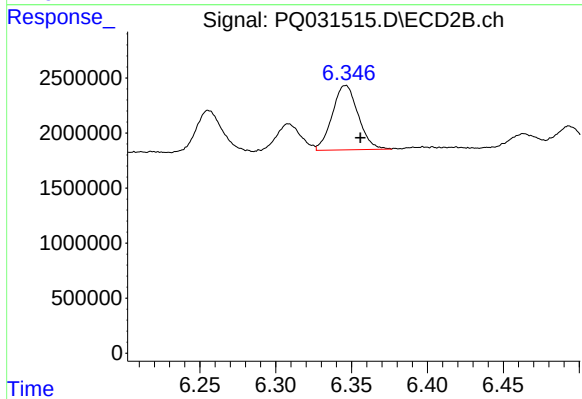
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.526 min
Response: 0
Conc: N.D.



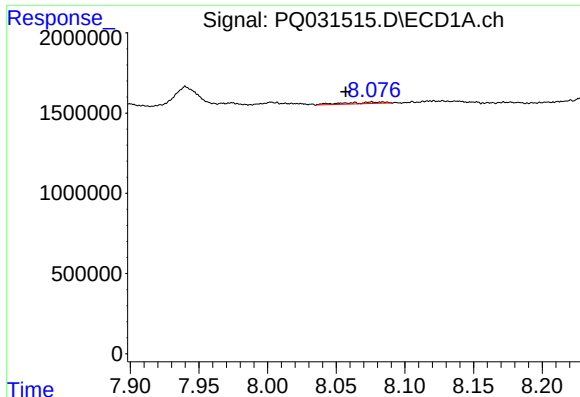
#36 AR-1262-1

R.T.: 7.237 min
Delta R.T.: -0.040 min
Response: 7964768
Conc: 98.26 ng/ml



#36 AR-1262-1

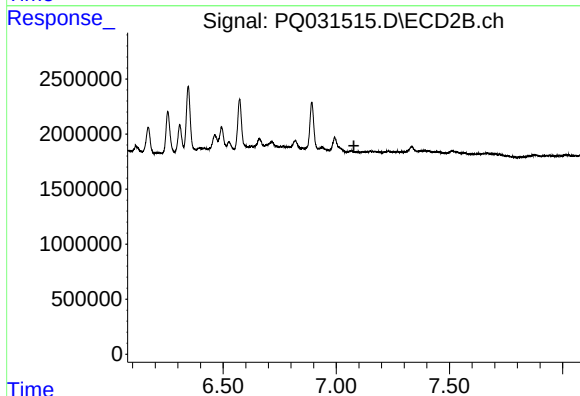
R.T.: 6.346 min
Delta R.T.: -0.010 min
Response: 6945127
Conc: 92.84 ng/ml



#37 AR-1262-2

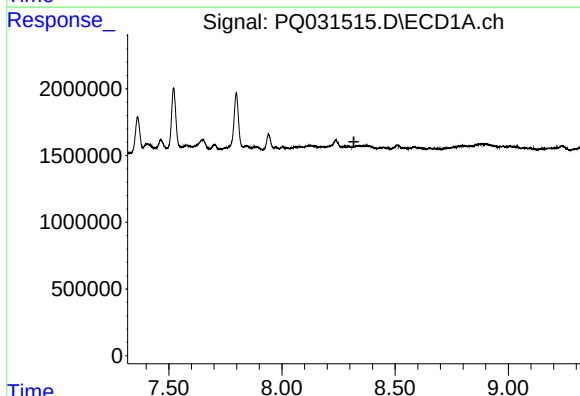
R.T.: 8.075 min
Delta R.T.: 0.018 min
Response: 211146
Conc: 2.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



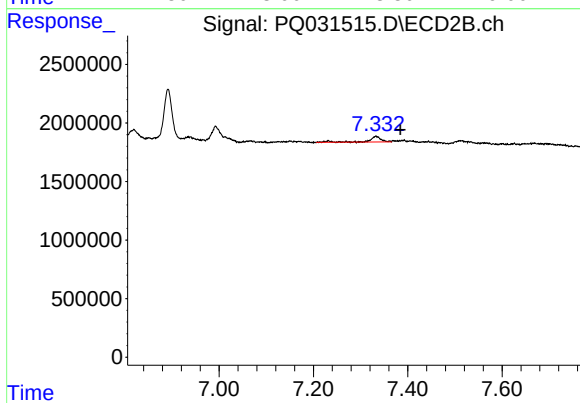
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.078 min
Response: 0
Conc: N.D.



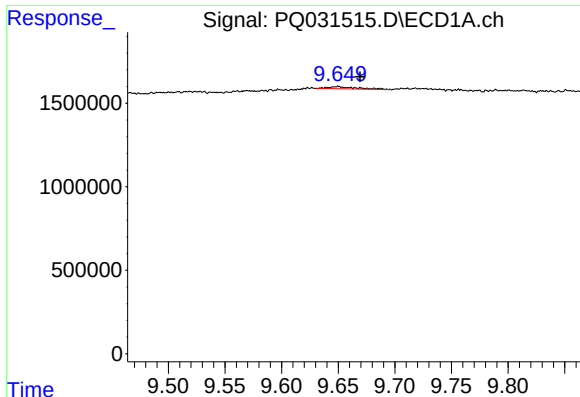
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.318 min
Response: 0
Conc: N.D.



#38 AR-1262-3

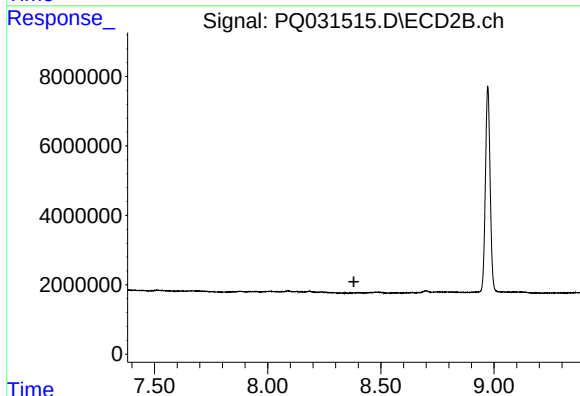
R.T.: 7.333 min
Delta R.T.: -0.052 min
Response: 829406
Conc: 10.95 ng/ml



#40 AR-1262-5

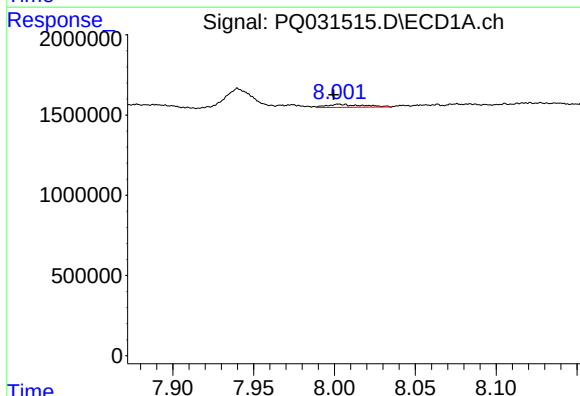
R.T.: 9.650 min
Delta R.T.: -0.019 min
Response: 238903
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



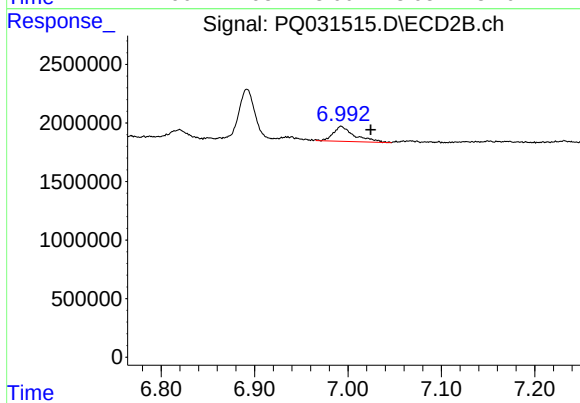
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.381 min
Response: 0
Conc: N.D.



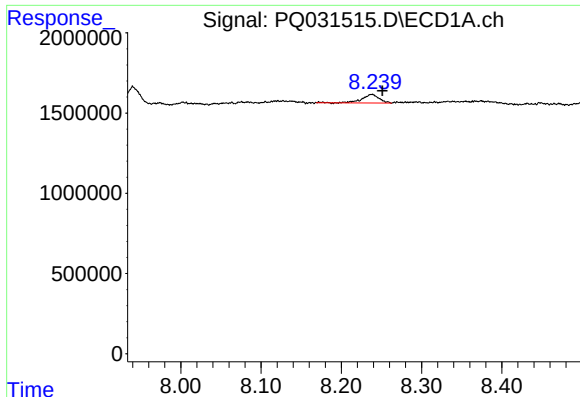
#41 AR-1268-1

R.T.: 8.003 min
Delta R.T.: 0.003 min
Response: 297021
Conc: 3.28 ng/ml



#41 AR-1268-1

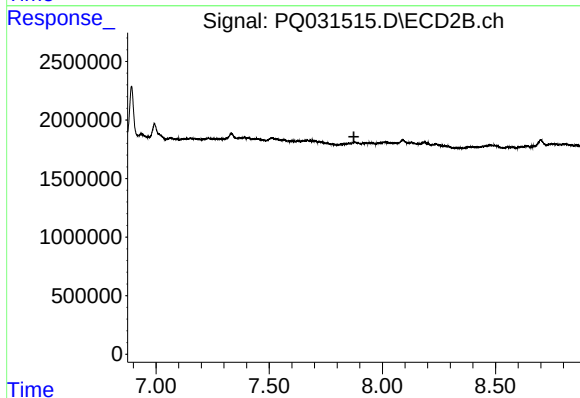
R.T.: 6.993 min
Delta R.T.: -0.032 min
Response: 2016007
Conc: 24.39 ng/ml



#42 AR-1268-2

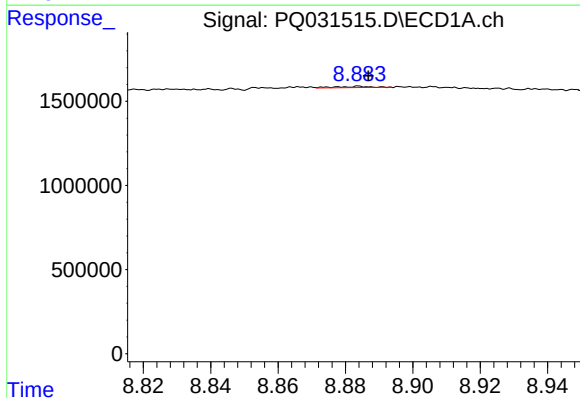
R.T.: 8.238 min
Delta R.T.: -0.014 min
Response: 795574
Conc: 6.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



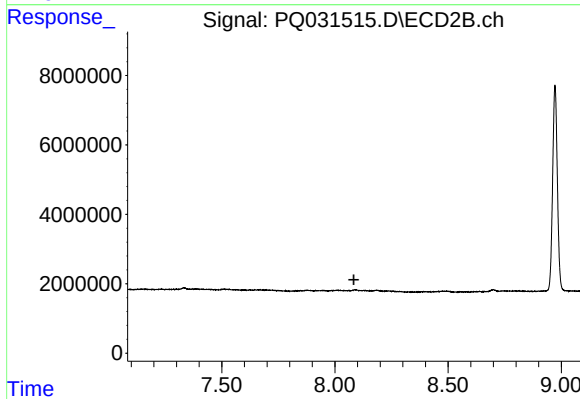
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.874 min
Response: 0
Conc: N.D.



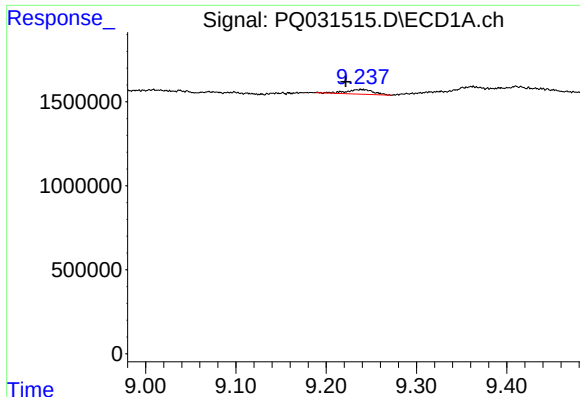
#43 AR-1268-3

R.T.: 8.884 min
Delta R.T.: -0.003 min
Response: 52348
Conc: 0.10 ng/ml



#43 AR-1268-3

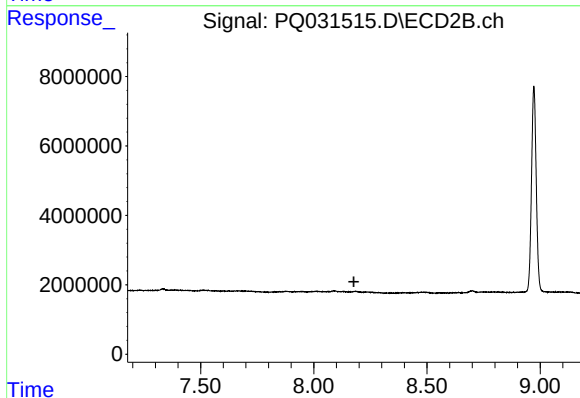
R.T.: 0.000 min
Exp R.T. : 8.084 min
Response: 0
Conc: N.D.



#44 AR-1268-4

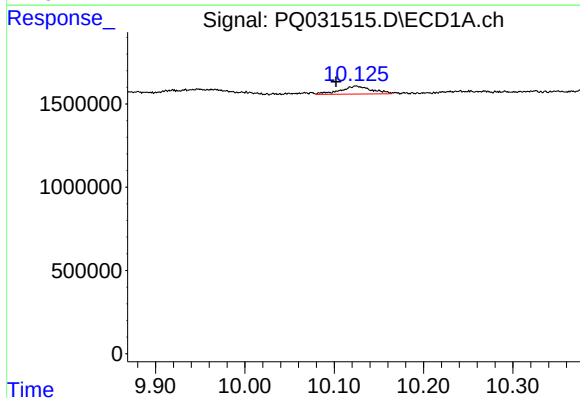
R.T.: 9.240 min
Delta R.T.: 0.018 min
Response: 586141
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242304



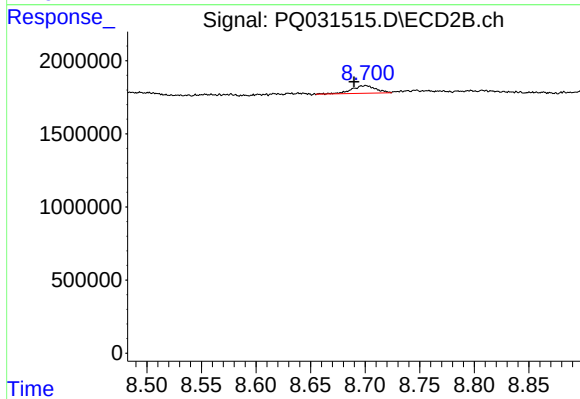
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.177 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.124 min
Delta R.T.: 0.022 min
Response: 1136854
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 8.701 min
Delta R.T.: 0.011 min
Response: 803186
Conc: 0.75 ng/ml