

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082119\
 Data File : PQ042656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 13:14
 Operator : SM\AJ
 Sample : K4416-18
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 13:30:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.627	4.690	44995245	40531130	15.158	16.173
2)	SA Decachlor...	11.985	10.425	131.7E6	113.3E6	17.444	18.561
Target Compounds							
3)	L1 AR-1016-1	7.073	6.140	33417939	34239487	274.621	297.344
4)	L1 AR-1016-2	7.098	6.162	51822784	49895878	281.586	310.821
5)	L1 AR-1016-3	7.171	6.376	7912868	23046659	63.638	268.790 #
6)	L1 AR-1016-4	7.281	6.430	22760914	40724534	257.582	563.981 #
7)	L1 AR-1016-5	7.615	6.682	45080310	49726573	533.055	555.195
9)	L2 AR-1221-2	6.021	5.107	475026	843296	19.498	35.042 #
10)	L2 AR-1221-3	0.000	5.216	0	755324	N.D.	9.145 #
11)	L3 AR-1232-1	0.000	5.216	0	755324	N.D.	11.212 #
12)	L3 AR-1232-2	6.757	6.162	10757999	49895878	292.273	653.174 #
13)	L3 AR-1232-3	7.098	6.376	51822784	23046659	619.917	567.993
14)	L3 AR-1232-4	7.281	6.479	22760914	39094900	558.234	982.719 #
15)	L3 AR-1232-5	7.388	6.682	36105608	49726573	1476.168	1253.974
16)	L4 AR-1242-1	7.073	6.140	33417939	34239487	320.216	331.457
17)	L4 AR-1242-2	7.098	6.162	51822784	49895878	340.213	352.101
18)	L4 AR-1242-3	7.171	6.376	7912868	23046659	77.642	304.516 #
19)	L4 AR-1242-4	7.281	6.479	22760914	39094900	295.939	510.546 #
20)	L4 AR-1242-5	8.105	7.091	66478497	87567129	704.559	781.180
21)	L5 AR-1248-1	7.073	6.140	33417939	34239487	400.808	416.536
22)	L5 AR-1248-2	7.388	6.430	36105608	40724534	353.525	369.673
23)	L5 AR-1248-3	7.615	6.479	45080310	39094900	355.246	346.906
24)	L5 AR-1248-4	8.065	6.682	68252951	49726573	411.724	363.987
25)	L5 AR-1248-5	8.105	7.138	66478497	69126540	417.553	439.109
26)	L6 AR-1254-1	8.033	7.091	43366443	87567129	295.554	388.074 #
27)	L6 AR-1254-2	8.276	7.260	67565550	24848050	281.670	122.885 #
28)	L6 AR-1254-3	8.667	7.707	39916115	49625902	140.012	140.925
29)	L6 AR-1254-4	8.970	7.956	25845013	32604729	108.395	127.060
30)	L6 AR-1254-5	9.409	8.401	16086783	24117381	62.304	66.372
31)	L7 AR-1260-1	8.838	7.862	8029986	27814764	45.549	136.328 #
32)	L7 AR-1260-2	9.106	8.052	27116685	14256678	112.817	53.221 #
33)	L7 AR-1260-3	9.486	8.215	5324894	13604848	24.629	57.076 #
34)	L7 AR-1260-4	9.719	8.713	10931829	5623241	45.019	24.803 #
35)	L7 AR-1260-5	10.068	8.965	13822642	18165202	23.284	29.168 #
36)	L8 AR-1262-1	9.546	8.497	2965766	5147643	20.576	30.071 #
37)	L8 AR-1262-2	10.068	8.965	13822642	18165202	18.372	21.744
38)	L8 AR-1262-3	10.419	9.258	9323307	7493574	17.336	21.083
39)	L8 AR-1262-4	10.475	9.325	5643397	12984331	12.981	20.137 #
40)	L8 AR-1262-5	11.195	9.844	4608086	8625563	13.435	27.267 #
41)	L9 AR-1268-1	10.419	9.258	9323307	7493574	9.751	7.465
42)	L9 AR-1268-2	10.475	9.325	5643397	12984331	6.059	13.828 #

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 Data File : PQ042656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2019 13:14
 Operator : SM\AJ
 Sample : K4416-18
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

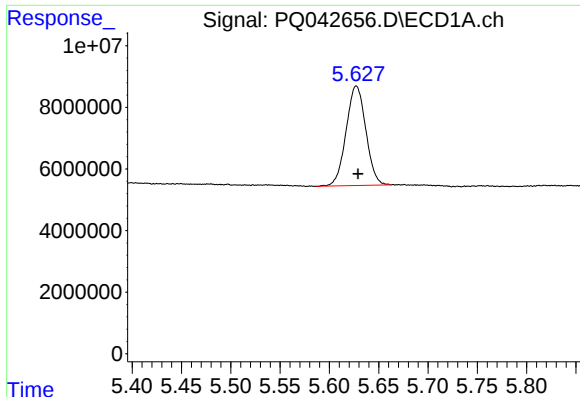
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 13:30:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	10.738	9.534	893324	6281646	1.102	7.886 #
44) L9	AR-1268-4	11.195	9.844	4608086	8625563	12.419	25.203 #
45) L9	AR-1268-5	11.630	10.155	2125996	3491630	0.751	1.362 #

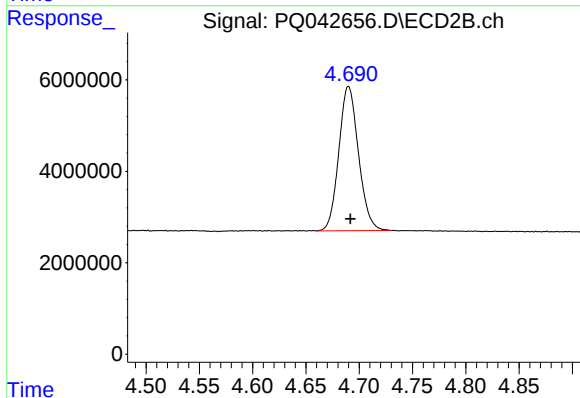
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

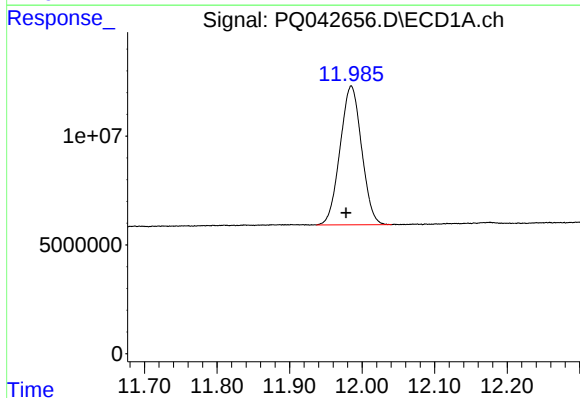
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 44995245
Conc: 15.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



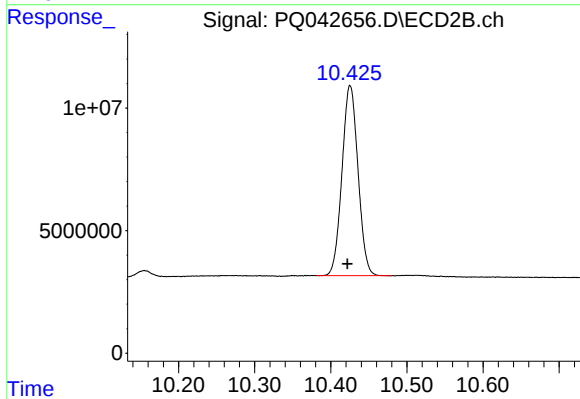
#1 Tetrachloro-m-xylene

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 40531130
Conc: 16.17 ng/ml



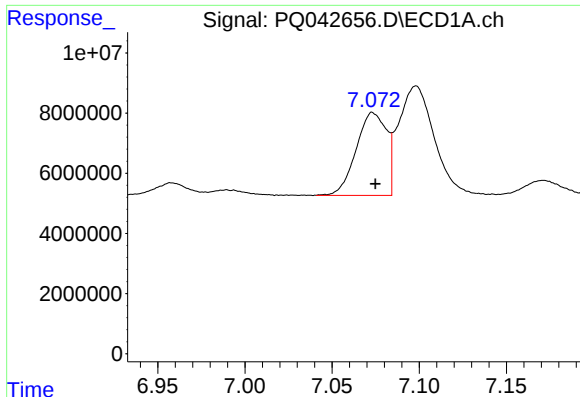
#2 Decachlorobiphenyl

R.T.: 11.985 min
Delta R.T.: 0.007 min
Response: 131679822
Conc: 17.44 ng/ml



#2 Decachlorobiphenyl

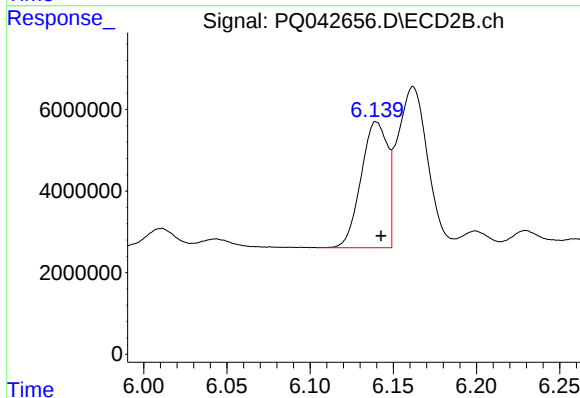
R.T.: 10.425 min
Delta R.T.: 0.004 min
Response: 113340463
Conc: 18.56 ng/ml



#3 AR-1016-1

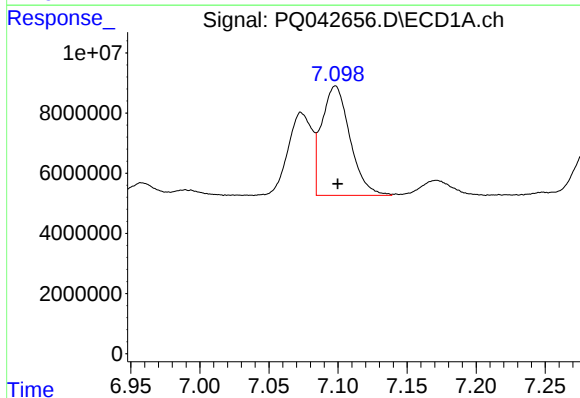
R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 33417939
Conc: 274.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



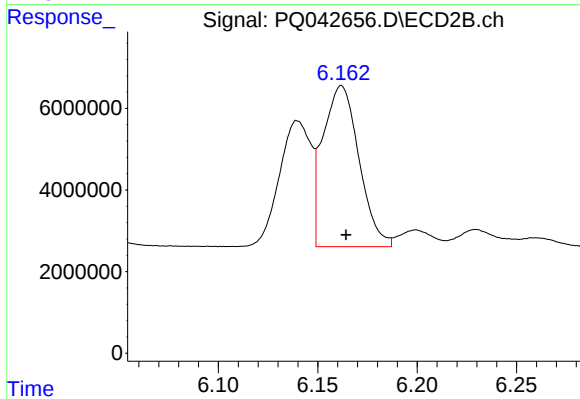
#3 AR-1016-1

R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 34239487
Conc: 297.34 ng/ml



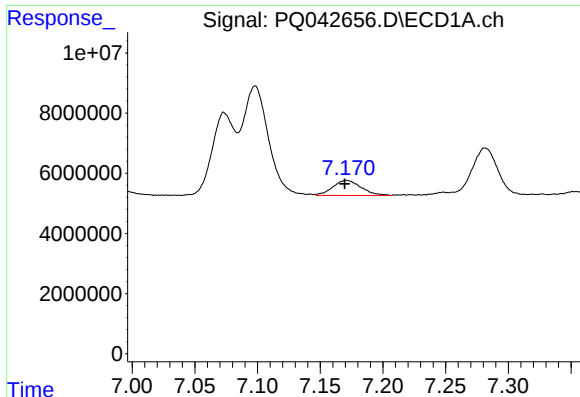
#4 AR-1016-2

R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 51822784
Conc: 281.59 ng/ml



#4 AR-1016-2

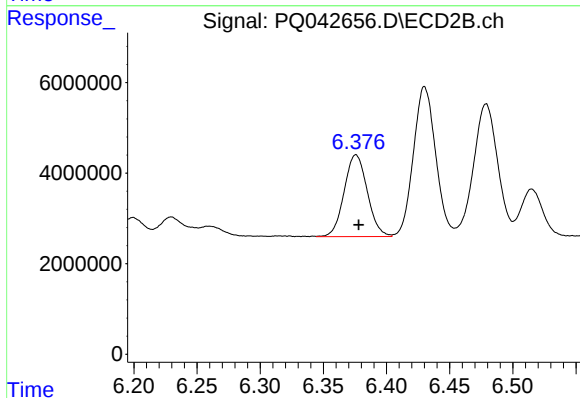
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 49895878
Conc: 310.82 ng/ml



#5 AR-1016-3

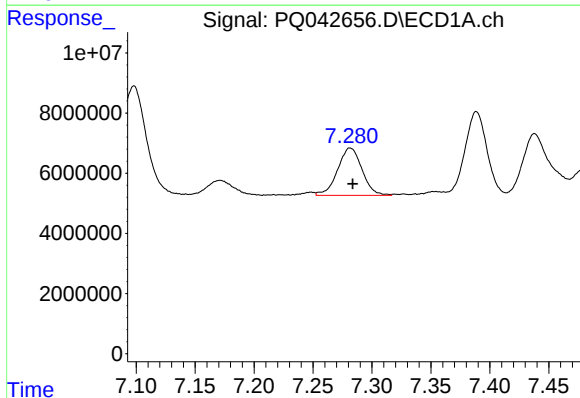
R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 7912868
Conc: 63.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



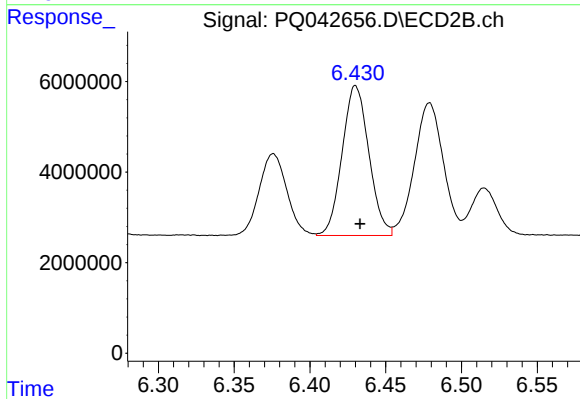
#5 AR-1016-3

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 23046659
Conc: 268.79 ng/ml



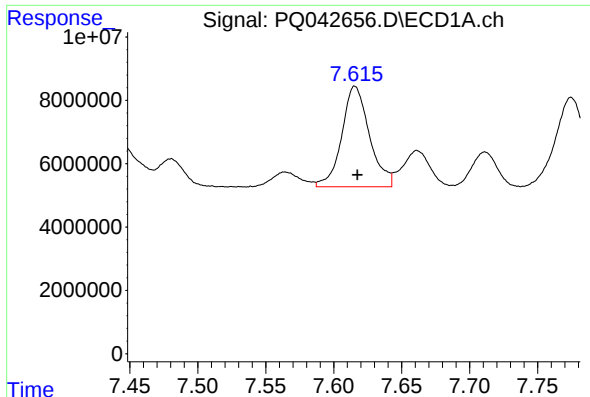
#6 AR-1016-4

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 22760914
Conc: 257.58 ng/ml



#6 AR-1016-4

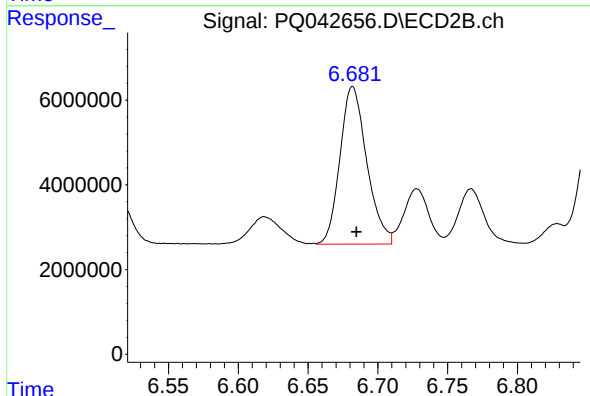
R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 40724534
Conc: 563.98 ng/ml



#7 AR-1016-5

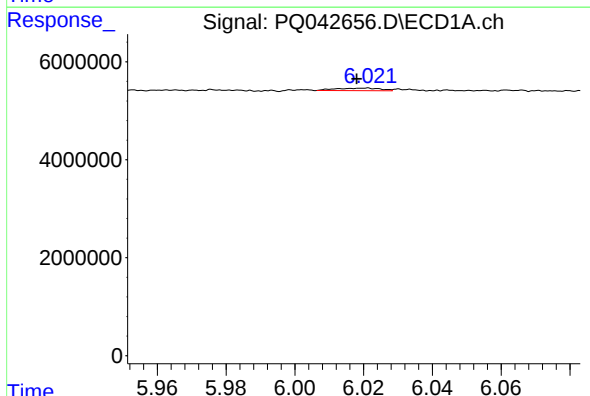
R.T.: 7.615 min
Delta R.T.: -0.002 min
Response: 45080310
Conc: 533.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



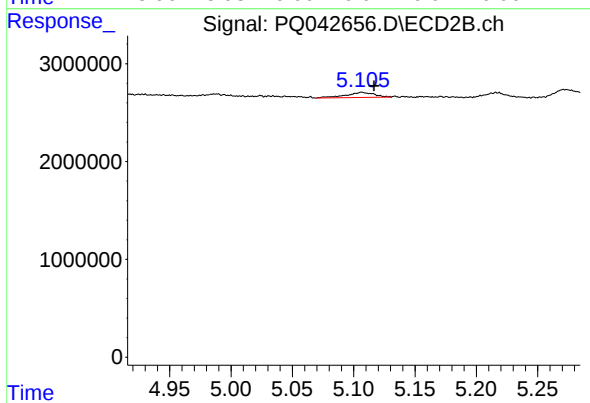
#7 AR-1016-5

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 49726573
Conc: 555.19 ng/ml



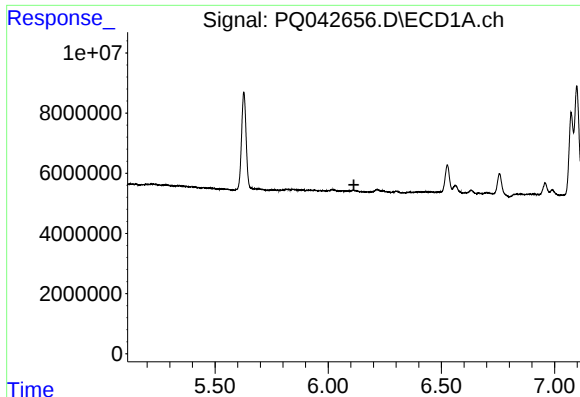
#9 AR-1221-2

R.T.: 6.021 min
Delta R.T.: 0.003 min
Response: 475026
Conc: 19.50 ng/ml



#9 AR-1221-2

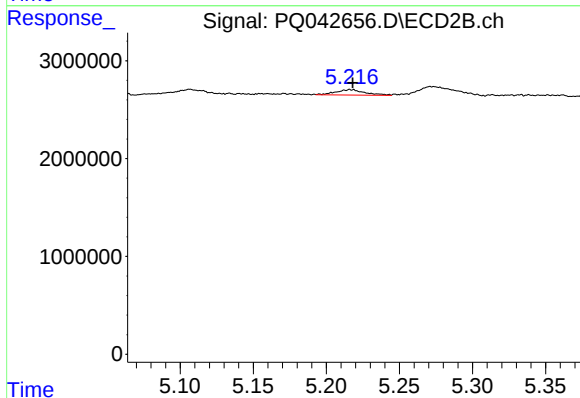
R.T.: 5.107 min
Delta R.T.: -0.010 min
Response: 843296
Conc: 35.04 ng/ml



#10 AR-1221-3

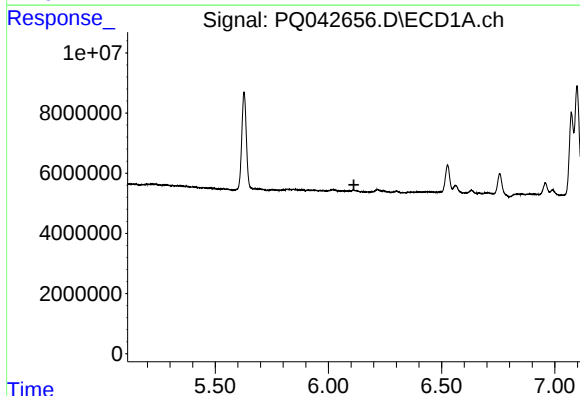
R.T.: 0.000 min
Exp R.T.: 6.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



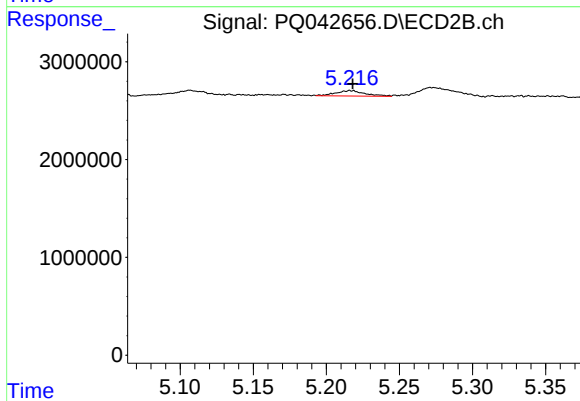
#10 AR-1221-3

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 755324
Conc: 9.15 ng/ml



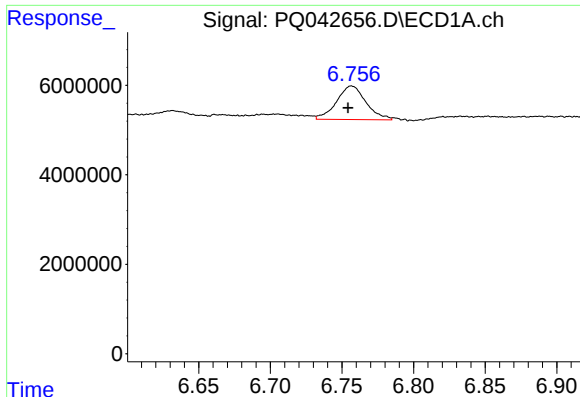
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.



#11 AR-1232-1

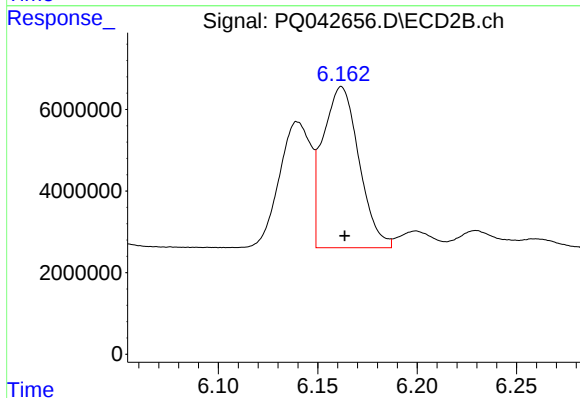
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 755324
Conc: 11.21 ng/ml



#12 AR-1232-2

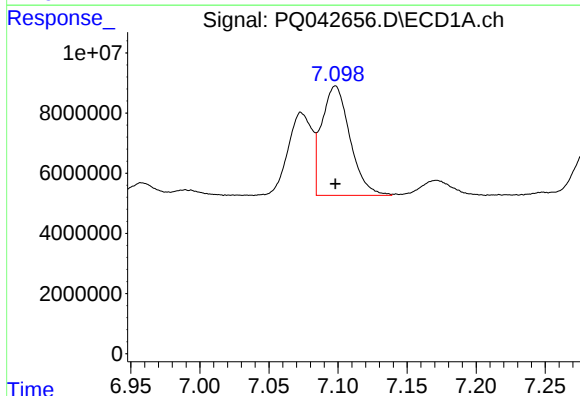
R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 10757999
Conc: 292.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



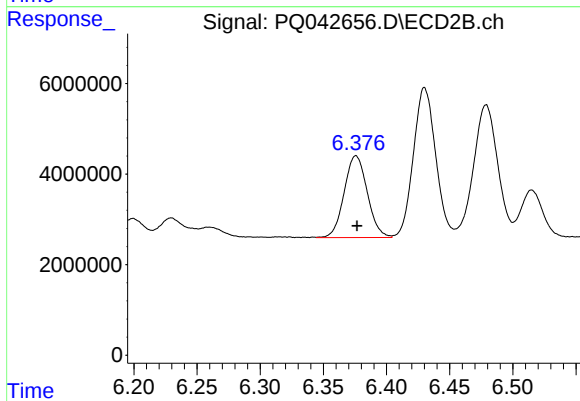
#12 AR-1232-2

R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 49895878
Conc: 653.17 ng/ml



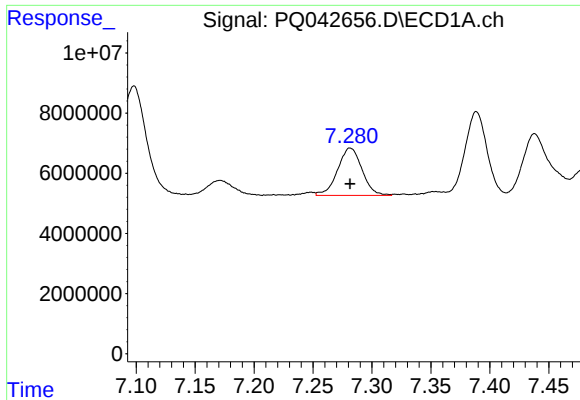
#13 AR-1232-3

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 51822784
Conc: 619.92 ng/ml



#13 AR-1232-3

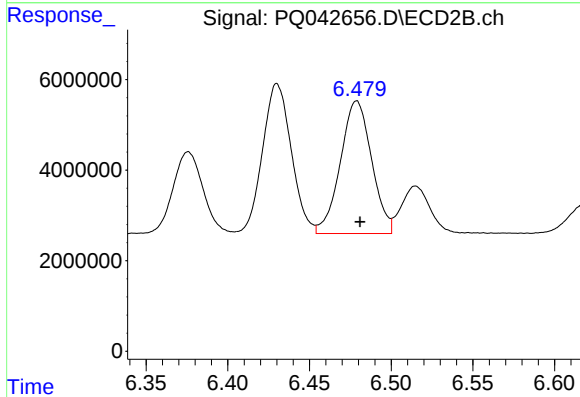
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 23046659
Conc: 567.99 ng/ml



#14 AR-1232-4

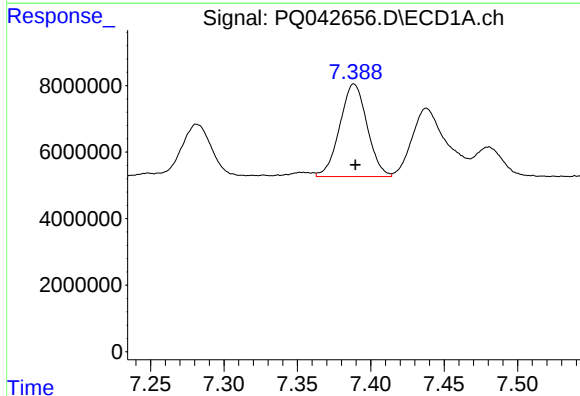
R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 22760914
Conc: 558.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



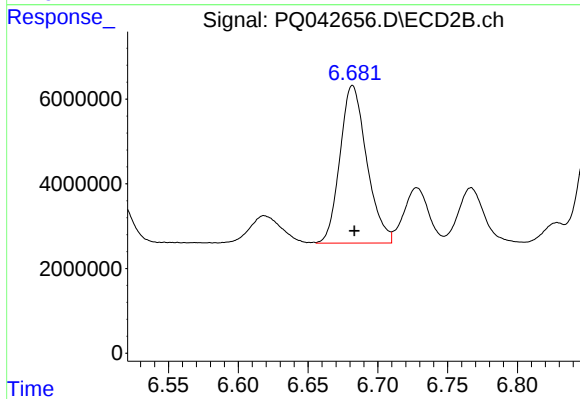
#14 AR-1232-4

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 39094900
Conc: 982.72 ng/ml



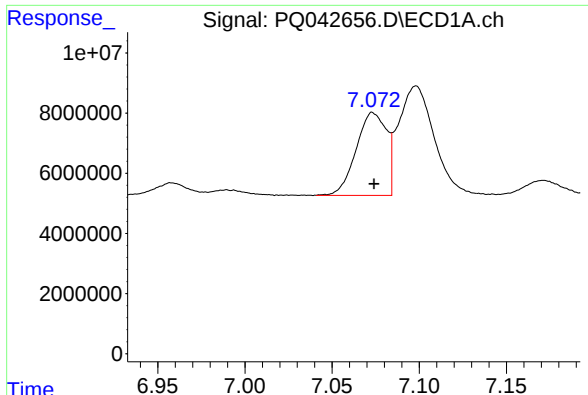
#15 AR-1232-5

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 36105608
Conc: 1476.17 ng/ml



#15 AR-1232-5

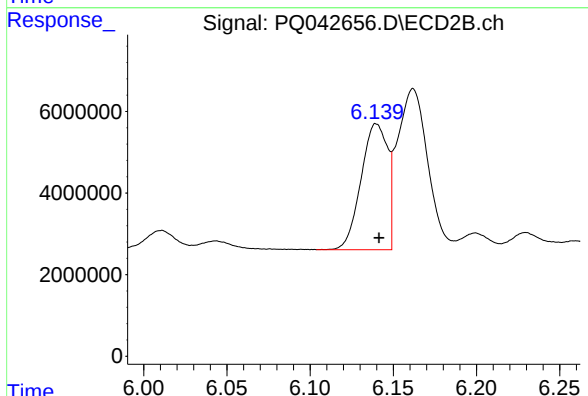
R.T.: 6.682 min
Delta R.T.: -0.001 min
Response: 49726573
Conc: 1253.97 ng/ml



#16 AR-1242-1

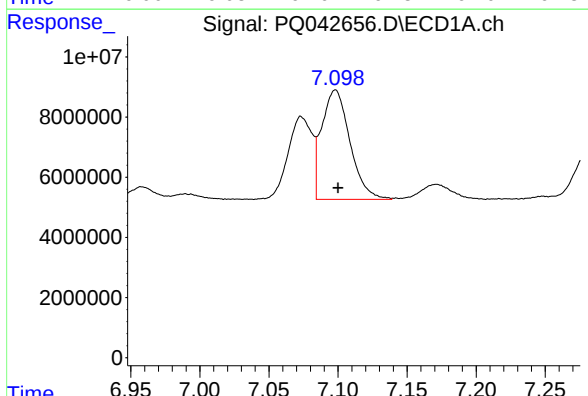
R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 33417939
Conc: 320.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



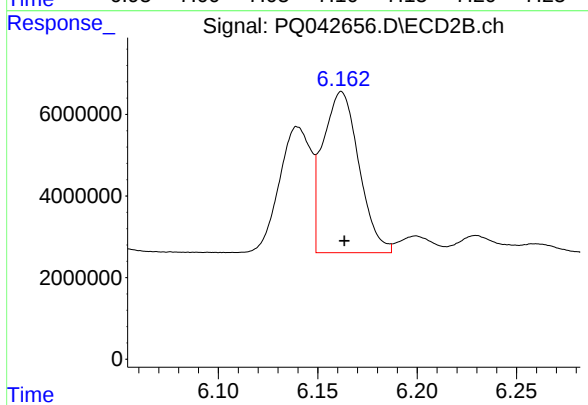
#16 AR-1242-1

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 34239487
Conc: 331.46 ng/ml



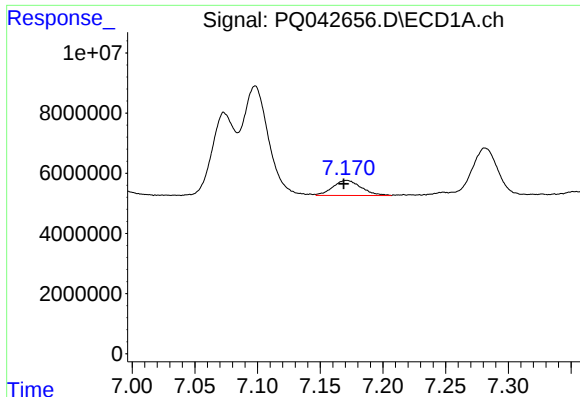
#17 AR-1242-2

R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 51822784
Conc: 340.21 ng/ml



#17 AR-1242-2

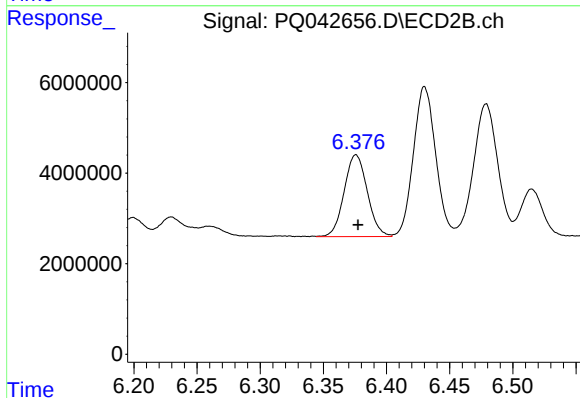
R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 49895878
Conc: 352.10 ng/ml



#18 AR-1242-3

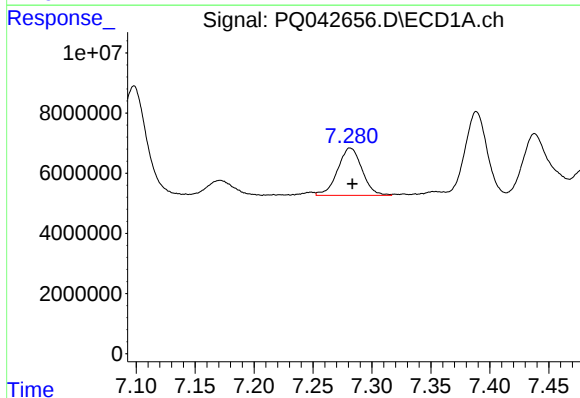
R.T.: 7.171 min
Delta R.T.: 0.003 min
Response: 7912868
Conc: 77.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



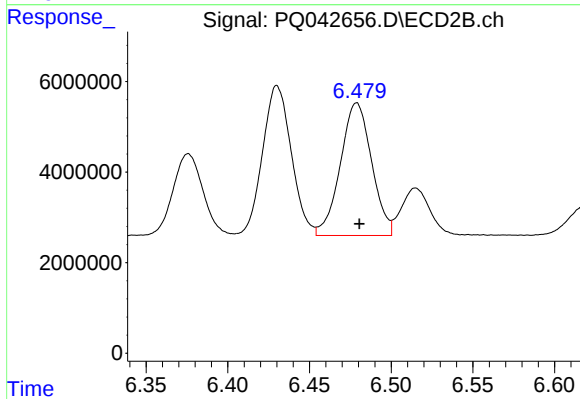
#18 AR-1242-3

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 23046659
Conc: 304.52 ng/ml



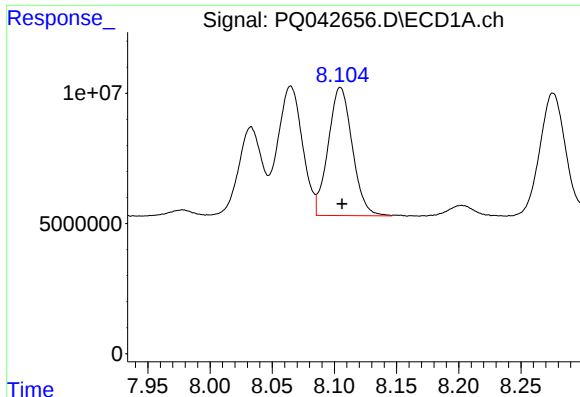
#19 AR-1242-4

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 22760914
Conc: 295.94 ng/ml



#19 AR-1242-4

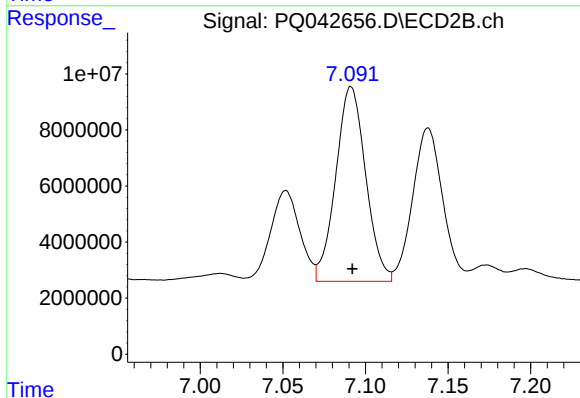
R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 39094900
Conc: 510.55 ng/ml



#20 AR-1242-5

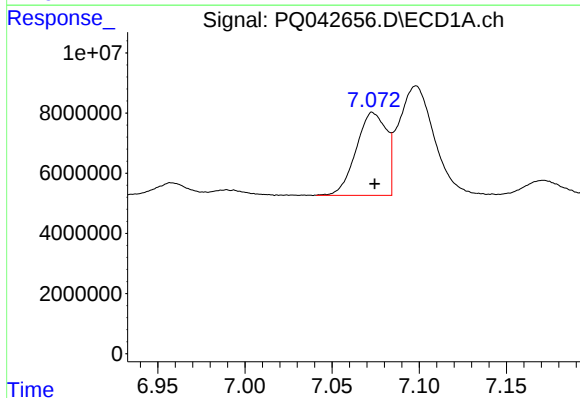
R.T.: 8.105 min
Delta R.T.: -0.001 min
Response: 66478497
Conc: 704.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



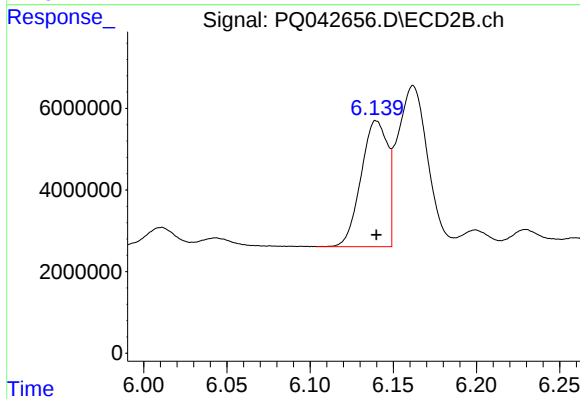
#20 AR-1242-5

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 87567129
Conc: 781.18 ng/ml



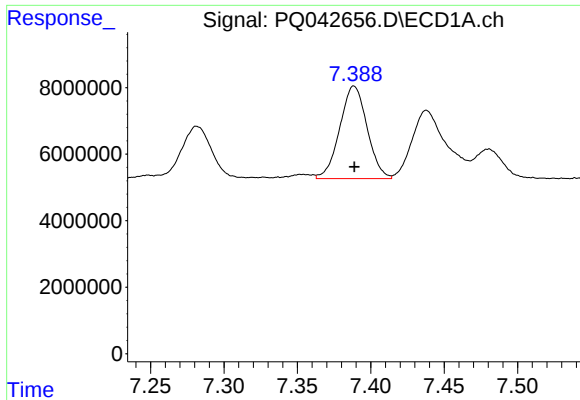
#21 AR-1248-1

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 33417939
Conc: 400.81 ng/ml



#21 AR-1248-1

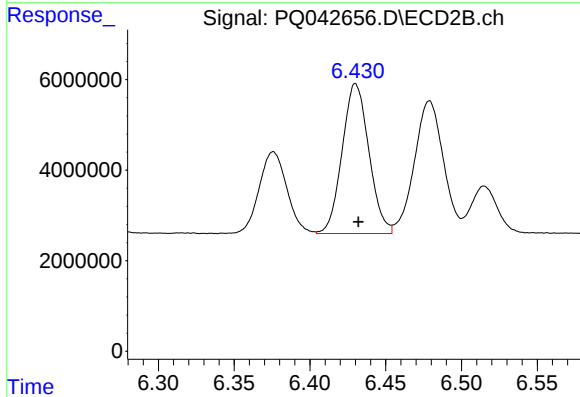
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 34239487
Conc: 416.54 ng/ml



#22 AR-1248-2

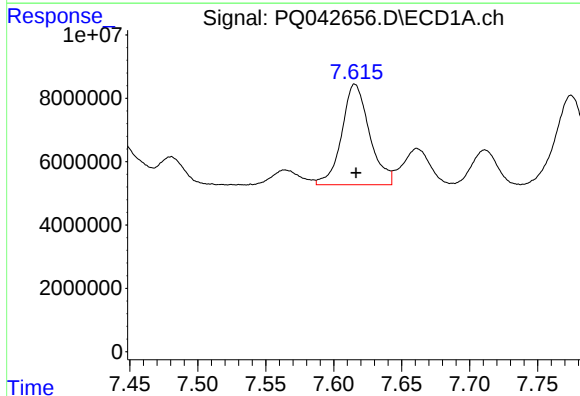
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 36105608
Conc: 353.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



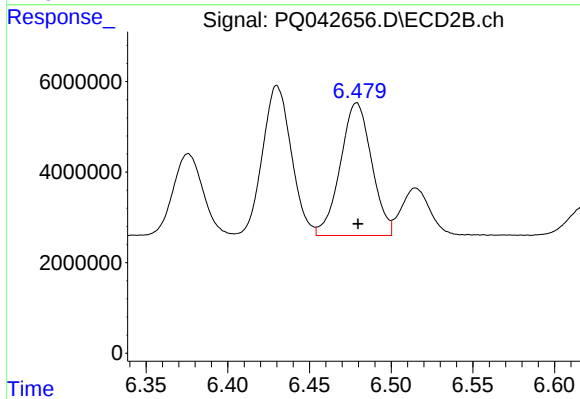
#22 AR-1248-2

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 40724534
Conc: 369.67 ng/ml



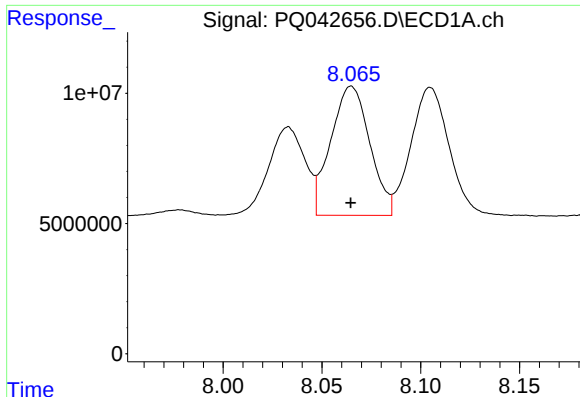
#23 AR-1248-3

R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 45080310
Conc: 355.25 ng/ml



#23 AR-1248-3

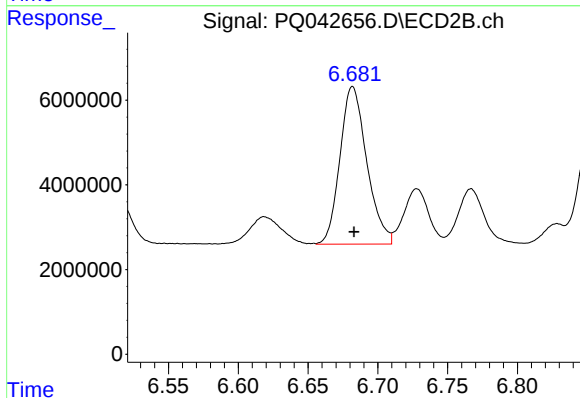
R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 39094900
Conc: 346.91 ng/ml



#24 AR-1248-4

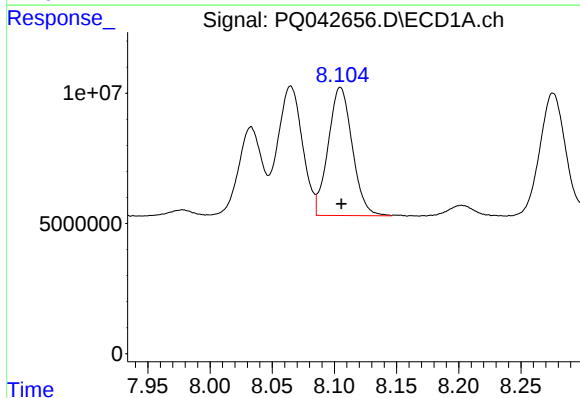
R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 68252951
Conc: 411.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



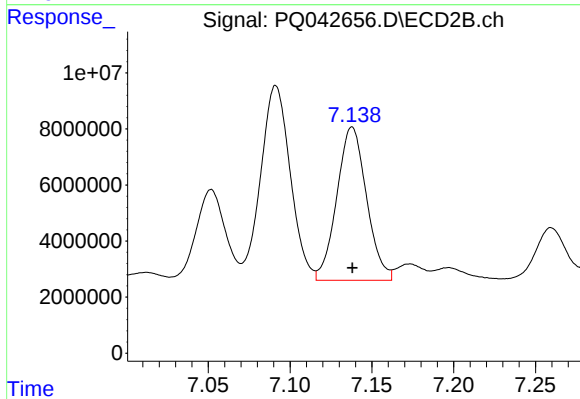
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: -0.001 min
Response: 49726573
Conc: 363.99 ng/ml



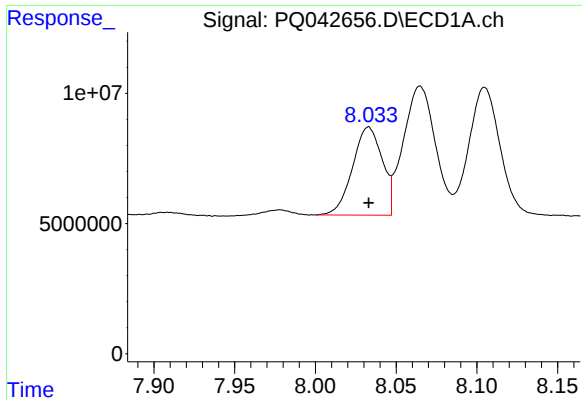
#25 AR-1248-5

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 66478497
Conc: 417.55 ng/ml



#25 AR-1248-5

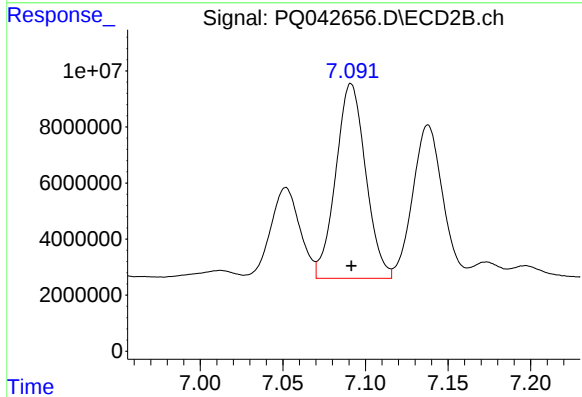
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 69126540
Conc: 439.11 ng/ml



#26 AR-1254-1

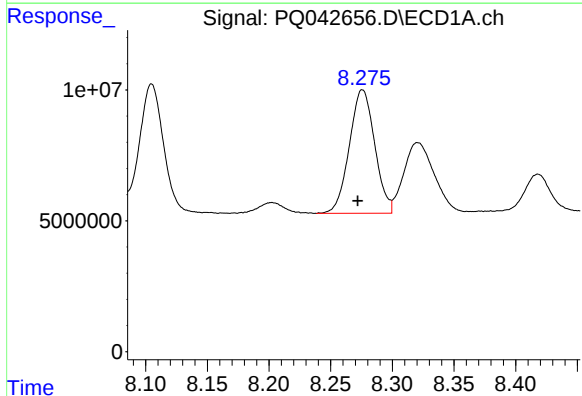
R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 43366443
Conc: 295.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



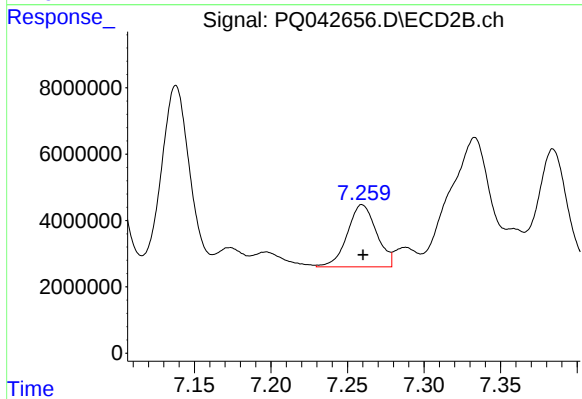
#26 AR-1254-1

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 87567129
Conc: 388.07 ng/ml



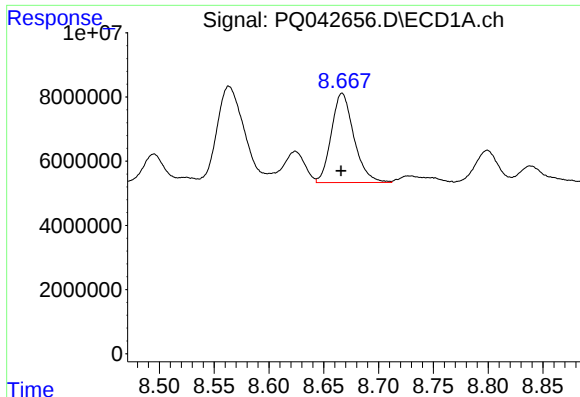
#27 AR-1254-2

R.T.: 8.276 min
Delta R.T.: 0.004 min
Response: 67565550
Conc: 281.67 ng/ml



#27 AR-1254-2

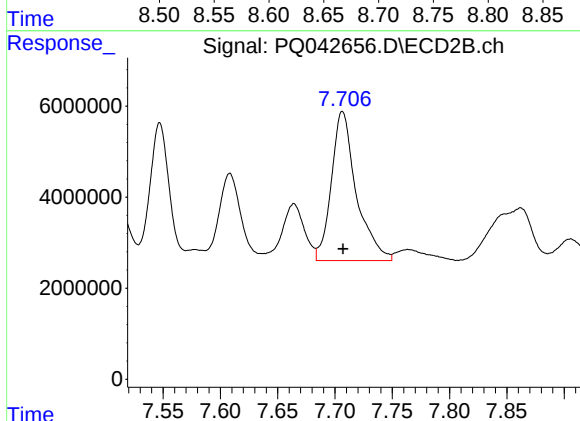
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 24848050
Conc: 122.88 ng/ml



#28 AR-1254-3

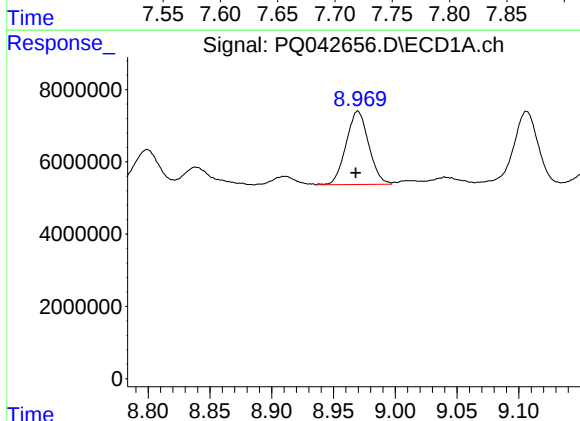
R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 39916115
Conc: 140.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



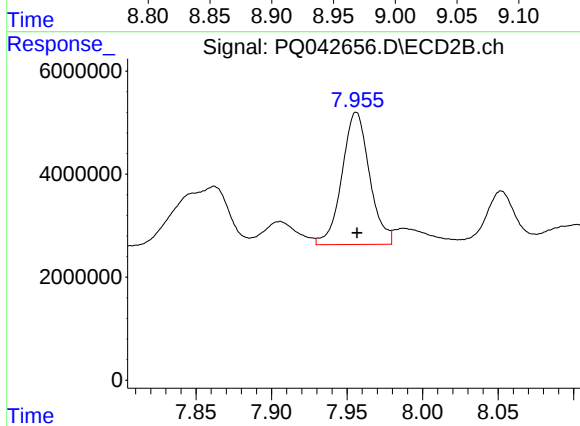
#28 AR-1254-3

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 49625902
Conc: 140.92 ng/ml



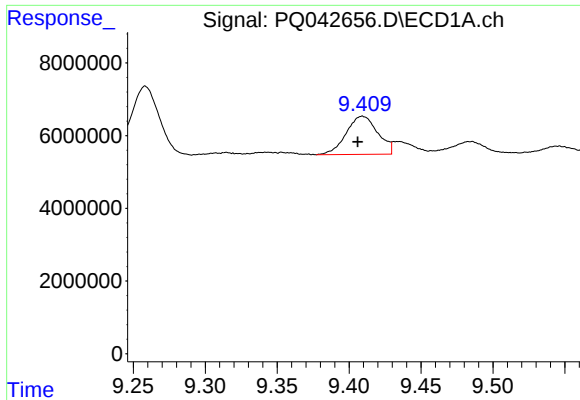
#29 AR-1254-4

R.T.: 8.970 min
Delta R.T.: 0.002 min
Response: 25845013
Conc: 108.39 ng/ml



#29 AR-1254-4

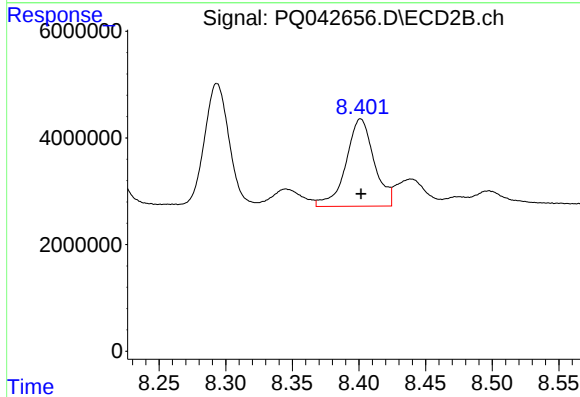
R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 32604729
Conc: 127.06 ng/ml



#30 AR-1254-5

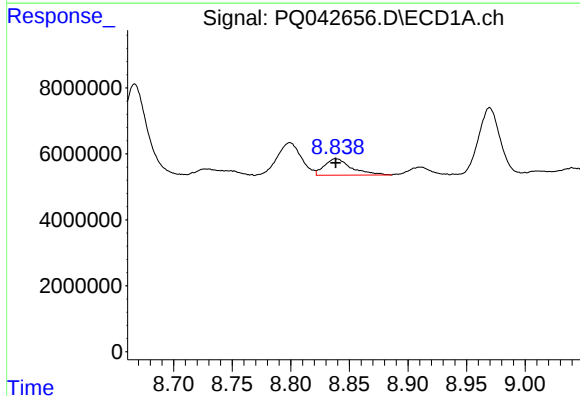
R.T.: 9.409 min
Delta R.T.: 0.003 min
Response: 16086783
Conc: 62.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



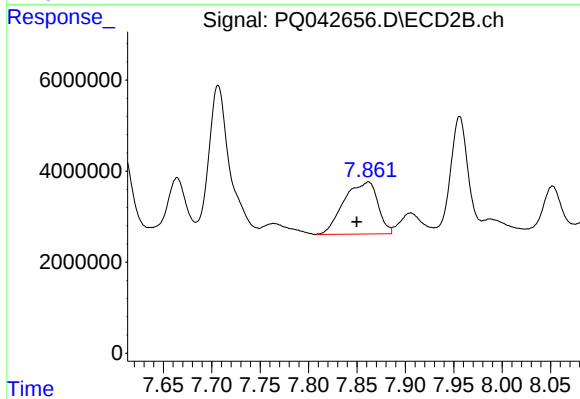
#30 AR-1254-5

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 24117381
Conc: 66.37 ng/ml



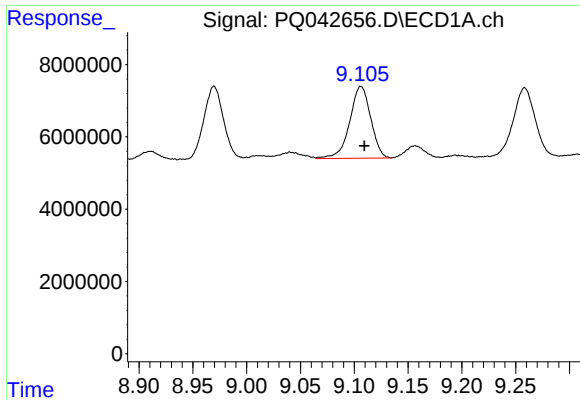
#31 AR-1260-1

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 8029986
Conc: 45.55 ng/ml



#31 AR-1260-1

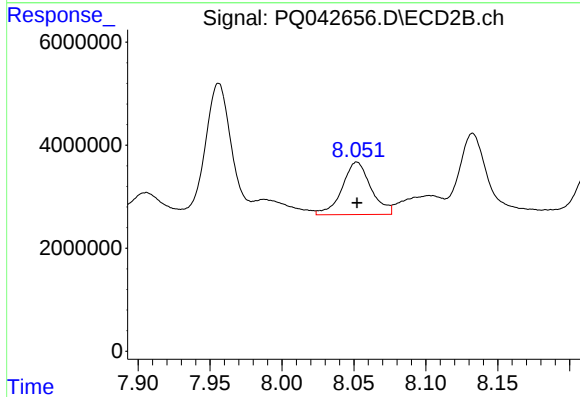
R.T.: 7.862 min
Delta R.T.: 0.012 min
Response: 27814764
Conc: 136.33 ng/ml



#32 AR-1260-2

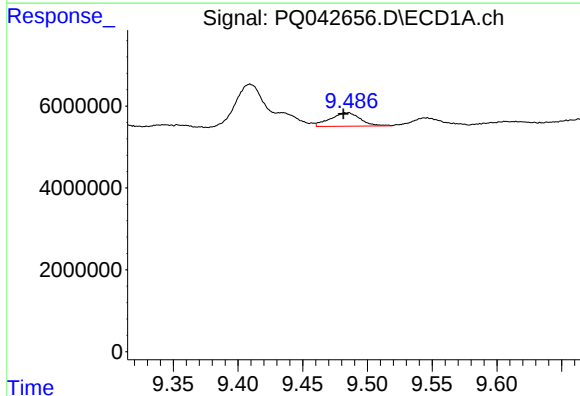
R.T.: 9.106 min
Delta R.T.: -0.003 min
Response: 27116685
Conc: 112.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



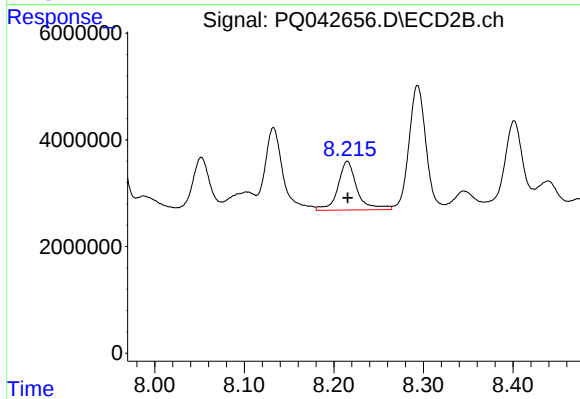
#32 AR-1260-2

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 14256678
Conc: 53.22 ng/ml



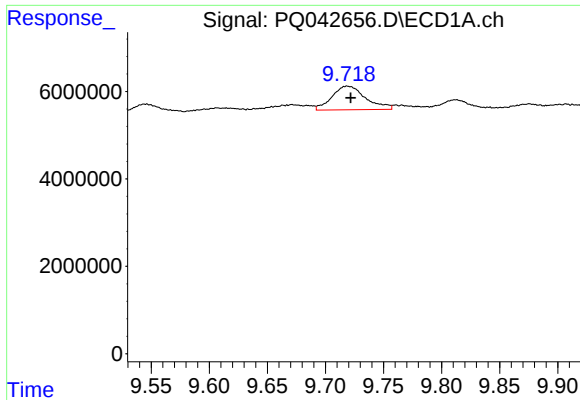
#33 AR-1260-3

R.T.: 9.486 min
Delta R.T.: 0.004 min
Response: 5324894
Conc: 24.63 ng/ml



#33 AR-1260-3

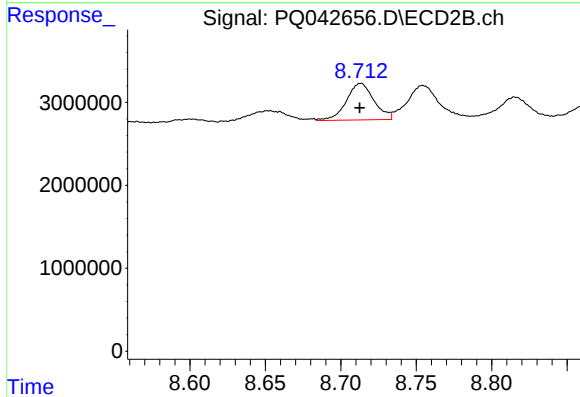
R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 13604848
Conc: 57.08 ng/ml



#34 AR-1260-4

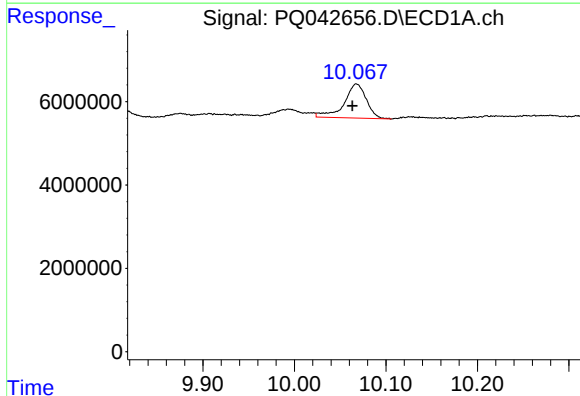
R.T.: 9.719 min
Delta R.T.: -0.003 min
Response: 10931829
Conc: 45.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



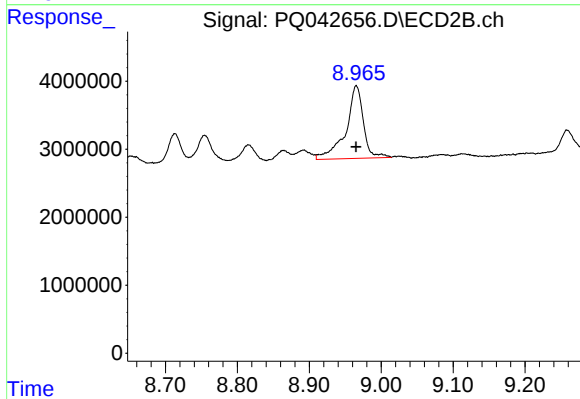
#34 AR-1260-4

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 5623241
Conc: 24.80 ng/ml



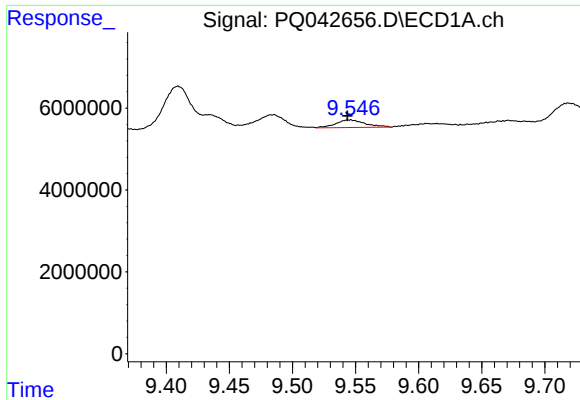
#35 AR-1260-5

R.T.: 10.068 min
Delta R.T.: 0.004 min
Response: 13822642
Conc: 23.28 ng/ml



#35 AR-1260-5

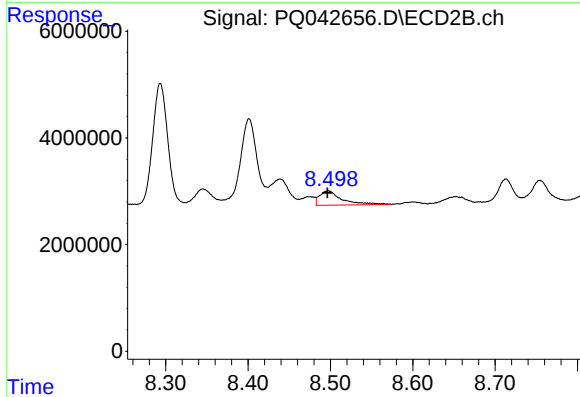
R.T.: 8.965 min
Delta R.T.: 0.000 min
Response: 18165202
Conc: 29.17 ng/ml



#36 AR-1262-1

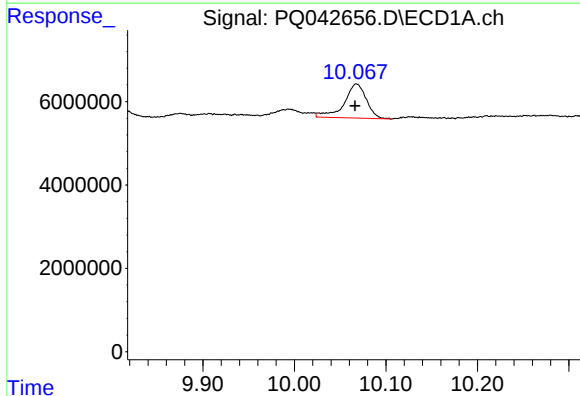
R.T.: 9.546 min
Delta R.T.: 0.003 min
Response: 2965766
Conc: 20.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



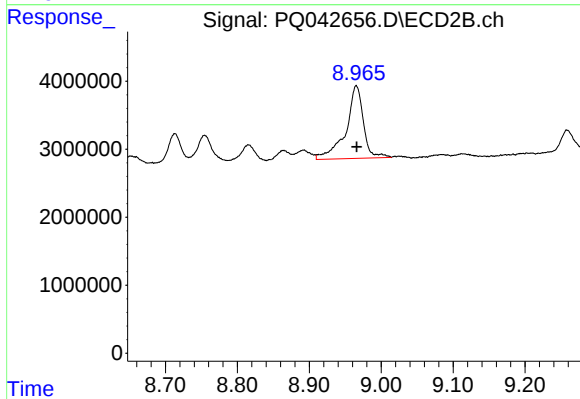
#36 AR-1262-1

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 5147643
Conc: 30.07 ng/ml



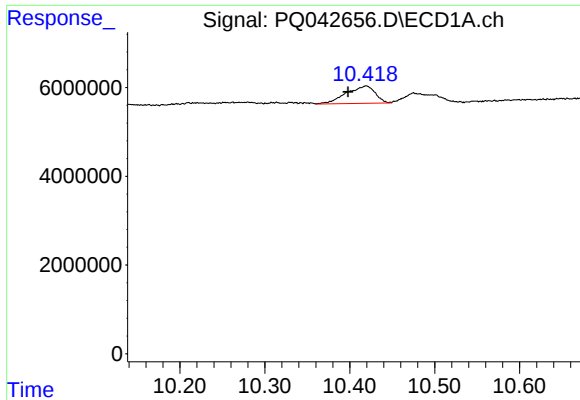
#37 AR-1262-2

R.T.: 10.068 min
Delta R.T.: 0.001 min
Response: 13822642
Conc: 18.37 ng/ml



#37 AR-1262-2

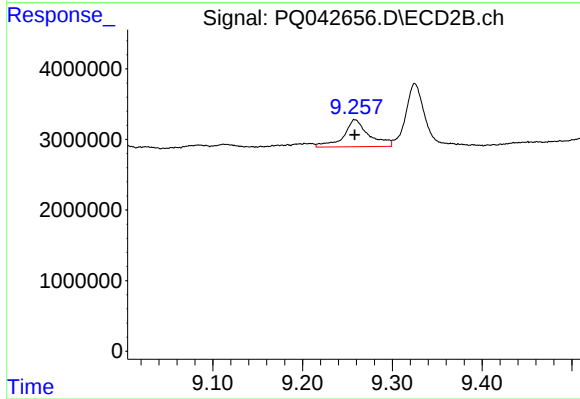
R.T.: 8.965 min
Delta R.T.: 0.000 min
Response: 18165202
Conc: 21.74 ng/ml



#38 AR-1262-3

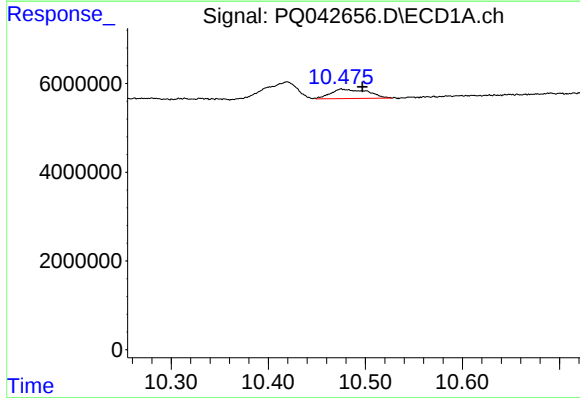
R.T.: 10.419 min
Delta R.T.: 0.022 min
Response: 9323307
Conc: 17.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



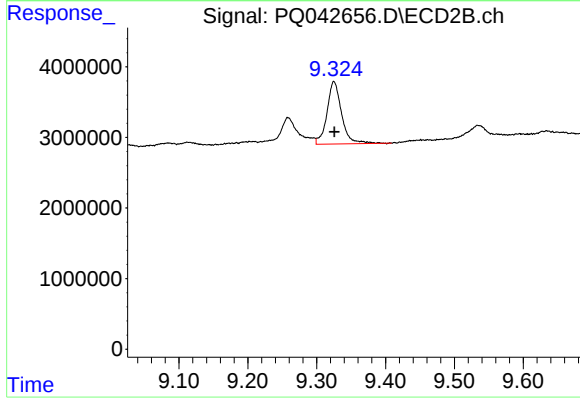
#38 AR-1262-3

R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 7493574
Conc: 21.08 ng/ml



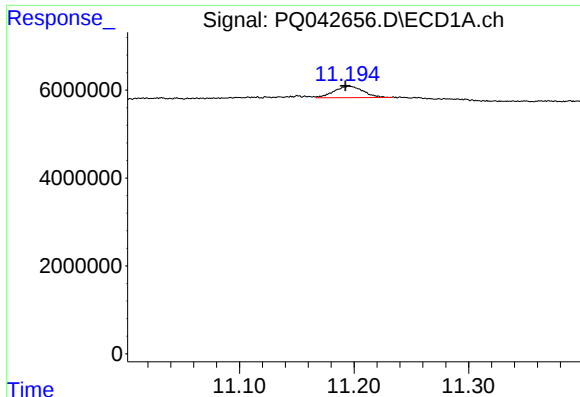
#39 AR-1262-4

R.T.: 10.475 min
Delta R.T.: -0.022 min
Response: 5643397
Conc: 12.98 ng/ml



#39 AR-1262-4

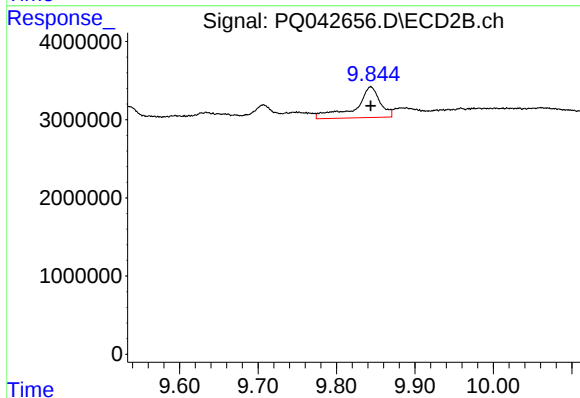
R.T.: 9.325 min
Delta R.T.: 0.000 min
Response: 12984331
Conc: 20.14 ng/ml



#40 AR-1262-5

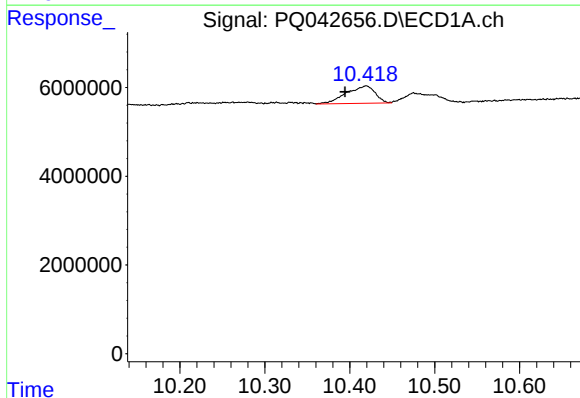
R.T.: 11.195 min
Delta R.T.: 0.003 min
Response: 4608086
Conc: 13.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



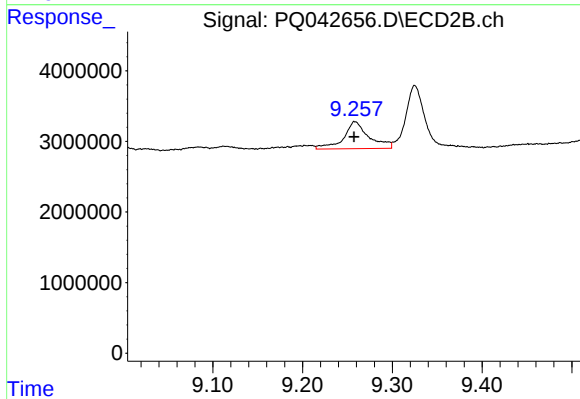
#40 AR-1262-5

R.T.: 9.844 min
Delta R.T.: 0.000 min
Response: 8625563
Conc: 27.27 ng/ml



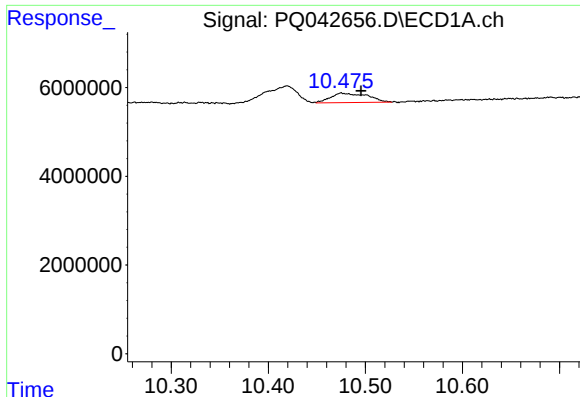
#41 AR-1268-1

R.T.: 10.419 min
Delta R.T.: 0.025 min
Response: 9323307
Conc: 9.75 ng/ml



#41 AR-1268-1

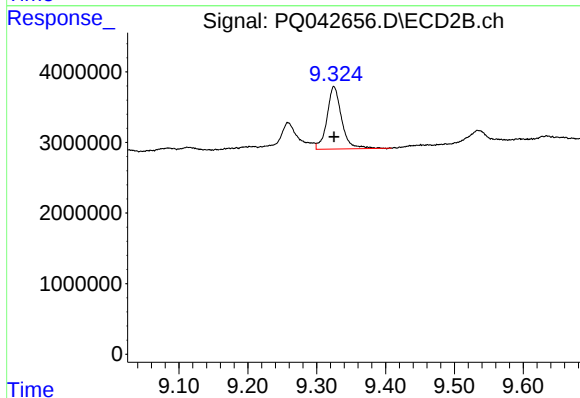
R.T.: 9.258 min
Delta R.T.: 0.000 min
Response: 7493574
Conc: 7.46 ng/ml



#42 AR-1268-2

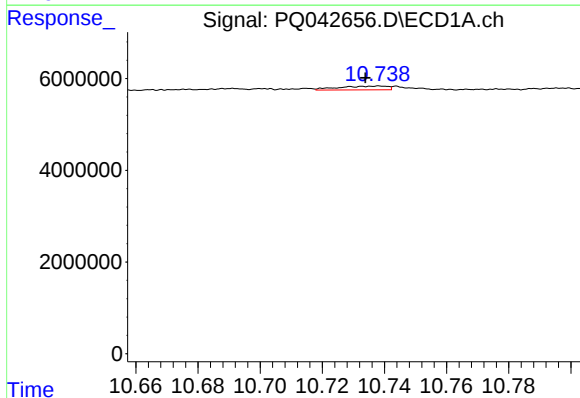
R.T.: 10.475 min
Delta R.T.: -0.020 min
Response: 5643397
Conc: 6.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



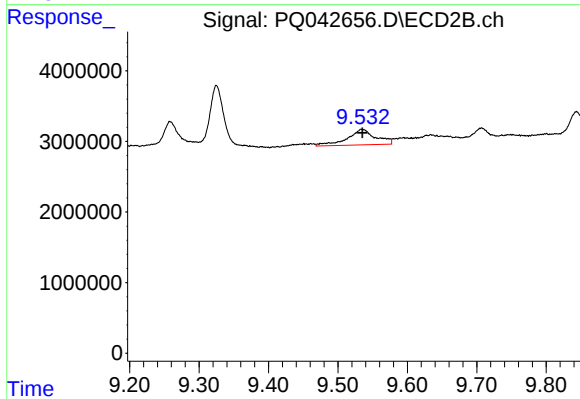
#42 AR-1268-2

R.T.: 9.325 min
Delta R.T.: 0.000 min
Response: 12984331
Conc: 13.83 ng/ml



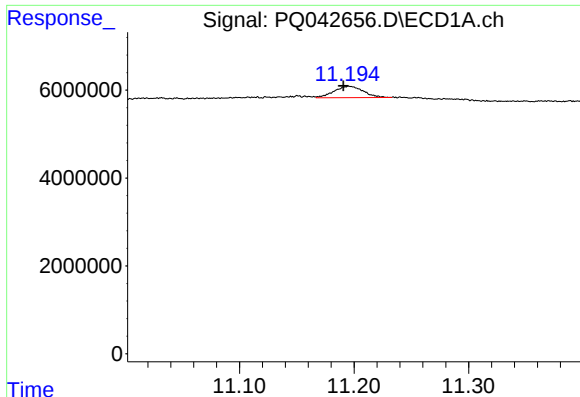
#43 AR-1268-3

R.T.: 10.738 min
Delta R.T.: 0.005 min
Response: 893324
Conc: 1.10 ng/ml



#43 AR-1268-3

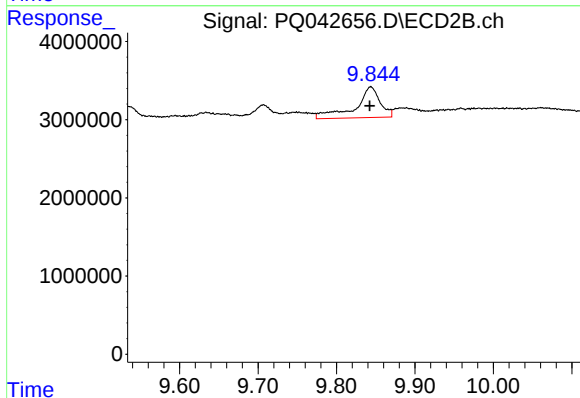
R.T.: 9.534 min
Delta R.T.: -0.001 min
Response: 6281646
Conc: 7.89 ng/ml



#44 AR-1268-4

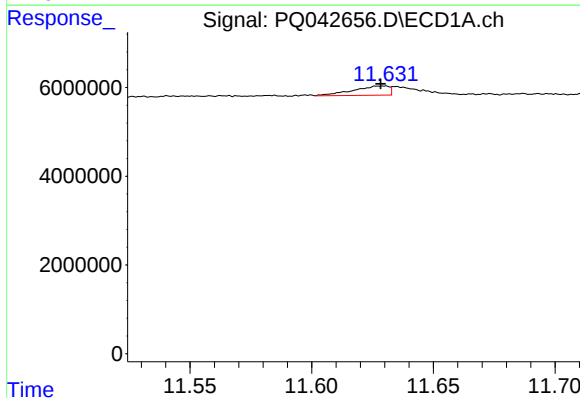
R.T.: 11.195 min
Delta R.T.: 0.005 min
Response: 4608086
Conc: 12.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



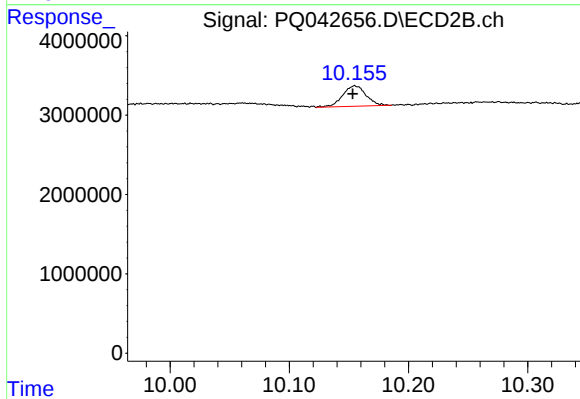
#44 AR-1268-4

R.T.: 9.844 min
Delta R.T.: 0.001 min
Response: 8625563
Conc: 25.20 ng/ml



#45 AR-1268-5

R.T.: 11.630 min
Delta R.T.: 0.002 min
Response: 2125996
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 10.155 min
Delta R.T.: 0.002 min
Response: 3491630
Conc: 1.36 ng/ml