

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012819\
 Data File : PQ036804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2019 17:12
 Operator : SM\SJ
 Sample : K1223-10RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-VRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 23:44:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.345	3.705	87604236	46297143	19.033	19.323
2)	SA Decachlor...	9.943	8.645	46739043	19131146	12.820	10.169
Target Compounds							
3)	L1 AR-1016-1	5.521	4.770	2706782	1035162	19.292	13.743 #
4)	L1 AR-1016-2	5.521	4.804	2706782	17862642	12.825	160.495 #
5)	L1 AR-1016-3	5.589	4.970	1021372	3359093	8.240	59.563 #
6)	L1 AR-1016-4	5.634	5.006	27908647	5571332	280.642	123.330 #
7)	L1 AR-1016-5	5.965	5.218	33070956	2388114	335.016	40.942 #
9)	L2 AR-1221-2	4.649	4.003	2941459	3052467	87.371	162.632 #
10)	L2 AR-1221-3	4.728	4.071	9707056	2838979	86.828	47.132 #
11)	L3 AR-1232-1	4.728	4.071	9707056	2838979	104.261	56.429 #
12)	L3 AR-1232-2	5.206	4.804	15769764	17862642	335.534	333.021
13)	L3 AR-1232-3	5.521	4.970	2706782	3359093	27.337	131.495 #
14)	L3 AR-1232-4	5.634	5.078	27908647	25075963	599.755	1059.159 #
15)	L3 AR-1232-5	5.767	5.218	12039024	2388114	350.764	94.529 #
16)	L4 AR-1242-1	5.521	4.770	2706782	1035162	23.353	16.484 #
17)	L4 AR-1242-2	5.521	4.804	2706782	17862642	15.267	191.392 #
18)	L4 AR-1242-3	5.589	4.970	1021372	3359093	9.848	71.788 #
19)	L4 AR-1242-4	5.634	5.078	27908647	25075963	331.799	548.817 #
20)	L4 AR-1242-5	6.414	5.564	16022150	49384188	176.578	882.202 #
21)	L5 AR-1248-1	5.521	4.770	2706782	1035162	30.121	20.990 #
22)	L5 AR-1248-2	5.767	5.006	12039024	5571332	98.674	85.871
23)	L5 AR-1248-3	5.965	5.078	33070956	25075963	240.809	378.405 #
24)	L5 AR-1248-4	6.414	5.218	16022150	2388114	102.086	30.068 #
25)	L5 AR-1248-5	6.414	5.652	16022150	9592790	107.969	121.409
26)	L6 AR-1254-1	6.348	5.564	115.0E6	49384188	648.612	368.861 #
27)	L6 AR-1254-2	6.560	5.709	82154539	32375918	315.366	292.568
28)	L6 AR-1254-3	6.928	6.116	56499867	44038033	211.028	244.662
29)	L6 AR-1254-4	7.211	6.337	21450804	11474526	108.117	86.957
30)	L6 AR-1254-5	7.627	6.748	112.0E6	55376192	548.594	368.723 #
31)	L7 AR-1260-1	7.085	6.235	87660441	47081148	450.095	410.141
32)	L7 AR-1260-2	7.340	6.423	98380092	50595696	425.996	359.893
33)	L7 AR-1260-3	7.696	6.574	51331355	41276153	355.950	322.040
34)	L7 AR-1260-4	7.924	7.040	62326916	24418208	366.063	280.447
35)	L7 AR-1260-5	8.238	7.283	117.4E6	57304507	348.981	262.466
36)	L8 AR-1262-1	7.696	6.780	51331355	28465871	185.319	169.613
37)	L8 AR-1262-2	8.238	7.283	117.4E6	57304507	239.323	189.243
38)	L8 AR-1262-3	8.533	7.559	17983524	8769704	86.468	78.080
39)	L8 AR-1262-4	8.607	7.626	35762515	38385320	147.430	177.943
40)	L8 AR-1262-5	9.255	8.120	18366968	8516379	112.879	90.553
41)	L9 AR-1268-1	8.533	7.559	17983524	8769704	28.507	24.128
42)	L9 AR-1268-2	8.607	7.626	35762515	38385320	60.768	115.851 #

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 Data File : PQ036804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2019 17:12
 Operator : SM\SJ
 Sample : K1223-10RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

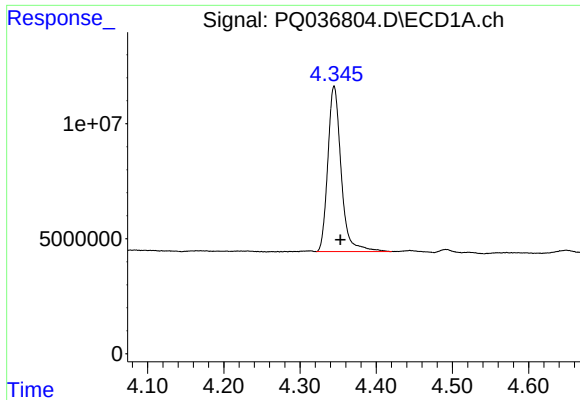
Instrument :
 ECD_Q
 ClientSampleId :
 TS-VRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 23:44:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.836	0.000	2381653	0	4.706	N.D. #
44) L9	AR-1268-4	9.255	8.120	18366968	8516379	94.309	76.284
45) L9	AR-1268-5	9.637	8.403	4725454	2487680	2.911	2.873

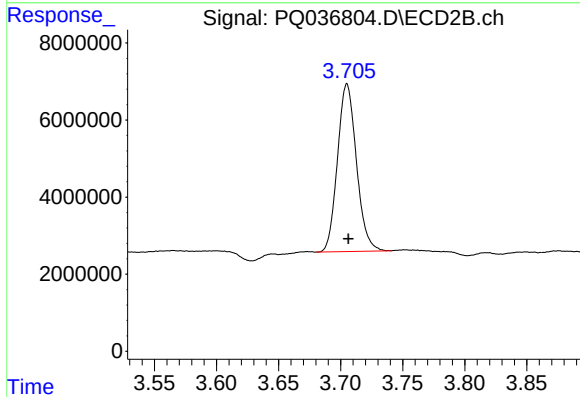
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

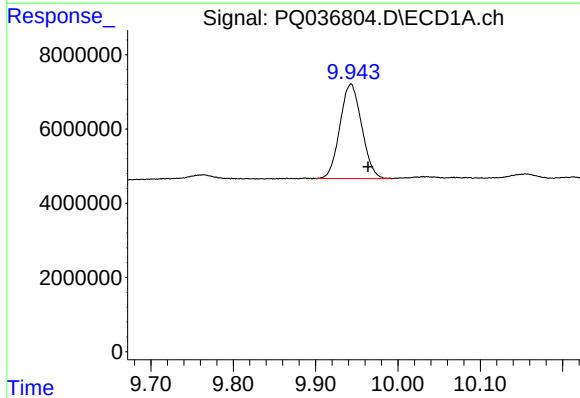
R.T.: 4.345 min
Delta R.T.: -0.008 min
Response: 87604236
Conc: 19.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



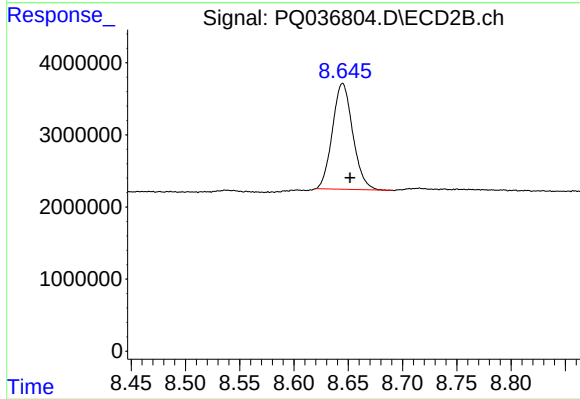
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: -0.001 min
Response: 46297143
Conc: 19.32 ng/ml



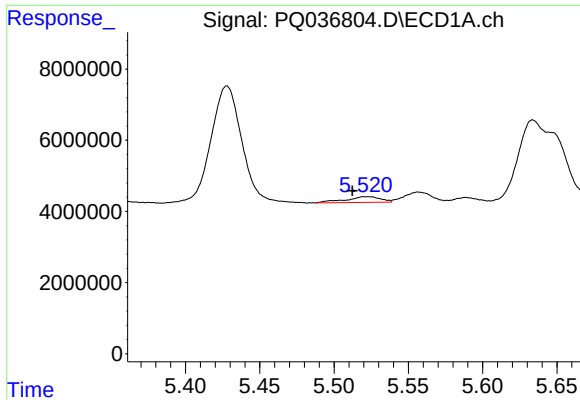
#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: -0.021 min
Response: 46739043
Conc: 12.82 ng/ml



#2 Decachlorobiphenyl

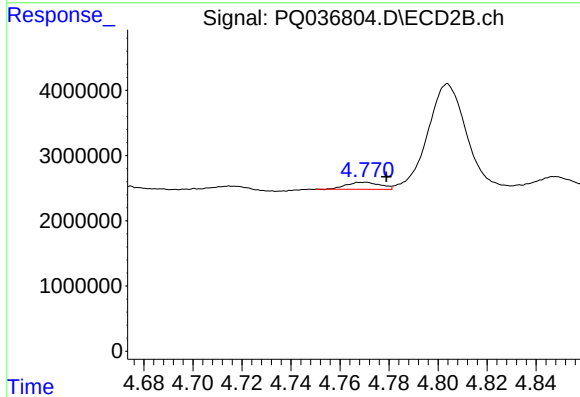
R.T.: 8.645 min
Delta R.T.: -0.007 min
Response: 19131146
Conc: 10.17 ng/ml



#3 AR-1016-1

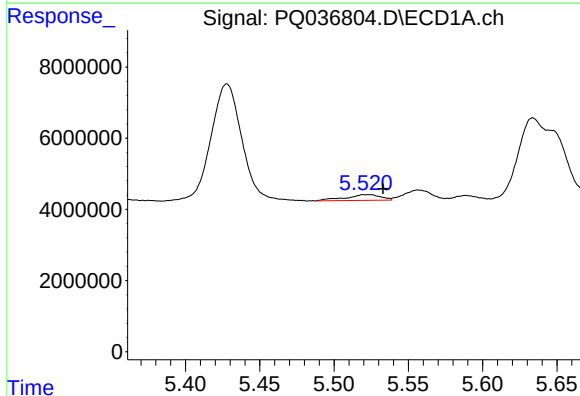
R.T.: 5.521 min
Delta R.T.: 0.009 min
Response: 2706782
Conc: 19.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



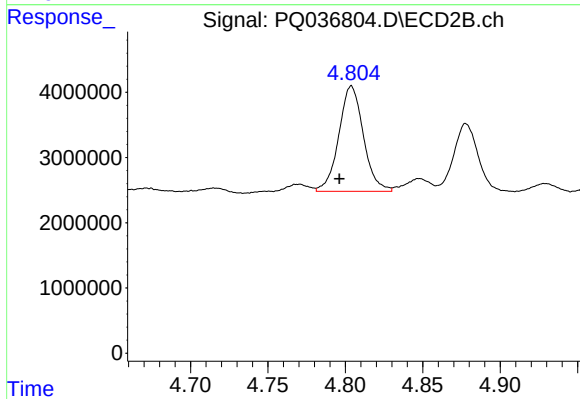
#3 AR-1016-1

R.T.: 4.770 min
Delta R.T.: -0.009 min
Response: 1035162
Conc: 13.74 ng/ml



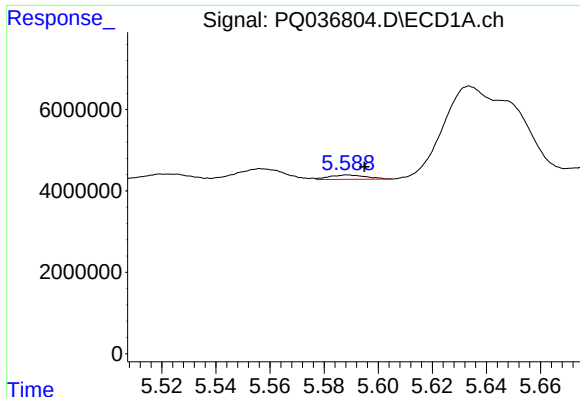
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: -0.012 min
Response: 2706782
Conc: 12.83 ng/ml



#4 AR-1016-2

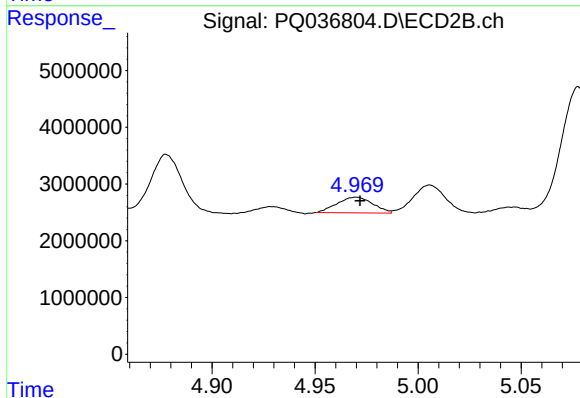
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 17862642
Conc: 160.49 ng/ml



#5 AR-1016-3

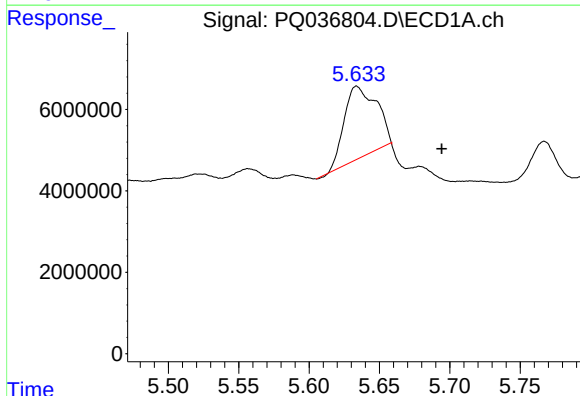
R.T.: 5.589 min
Delta R.T.: -0.006 min
Response: 1021372
Conc: 8.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



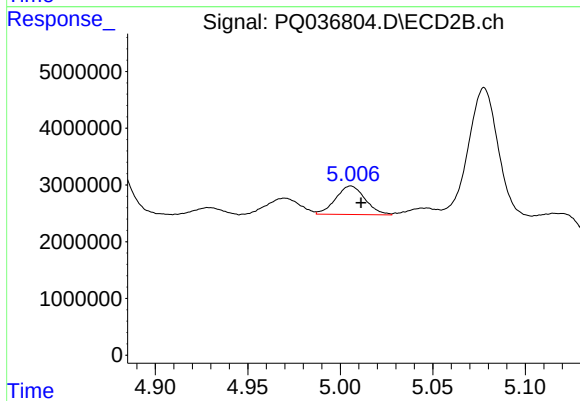
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 3359093
Conc: 59.56 ng/ml



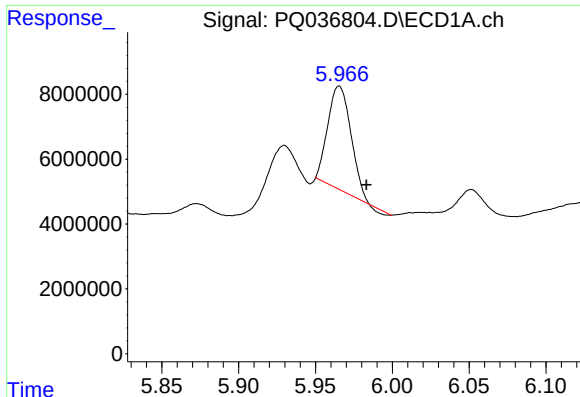
#6 AR-1016-4

R.T.: 5.634 min
Delta R.T.: -0.060 min
Response: 27908647
Conc: 280.64 ng/ml



#6 AR-1016-4

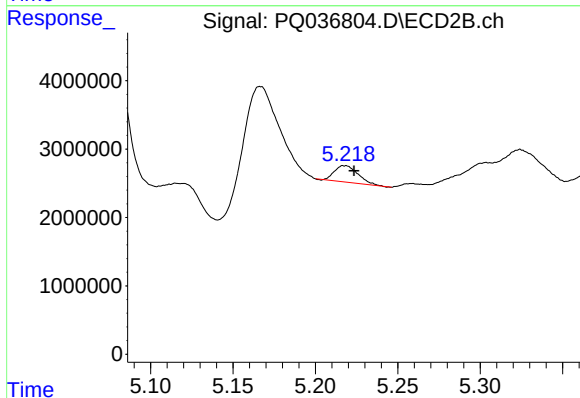
R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 5571332
Conc: 123.33 ng/ml



#7 AR-1016-5

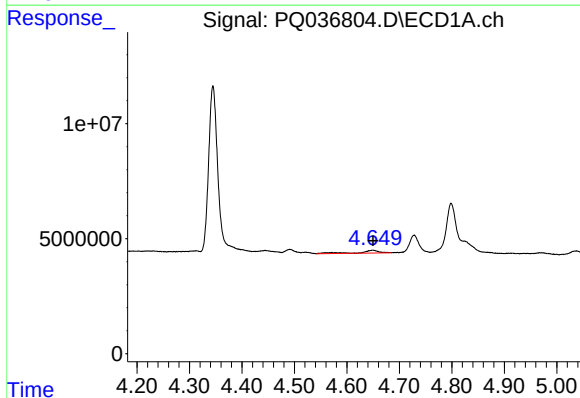
R.T.: 5.965 min
Delta R.T.: -0.018 min
Response: 33070956
Conc: 335.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



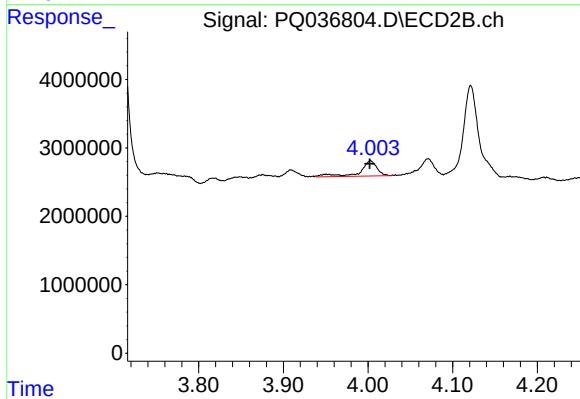
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.006 min
Response: 2388114
Conc: 40.94 ng/ml



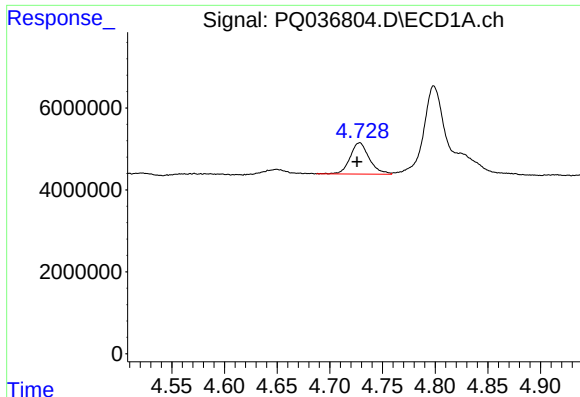
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 2941459
Conc: 87.37 ng/ml



#9 AR-1221-2

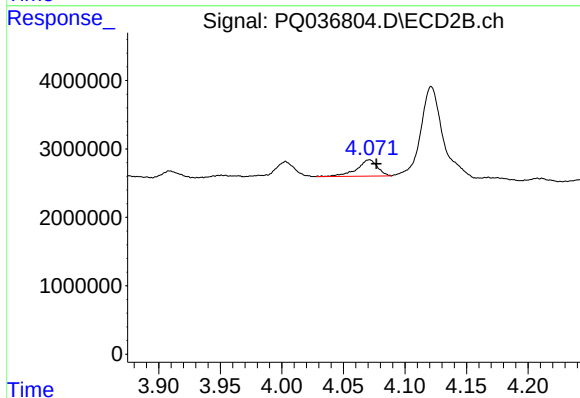
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 3052467
Conc: 162.63 ng/ml



#10 AR-1221-3

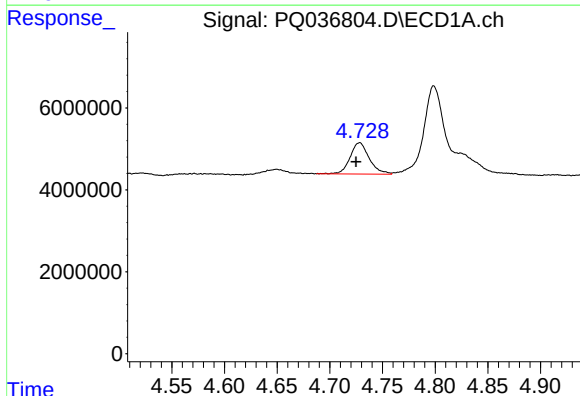
R.T.: 4.728 min
Delta R.T.: 0.002 min
Response: 9707056
Conc: 86.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



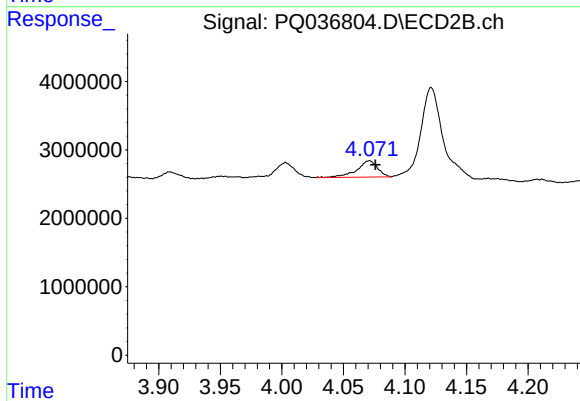
#10 AR-1221-3

R.T.: 4.071 min
Delta R.T.: -0.006 min
Response: 2838979
Conc: 47.13 ng/ml



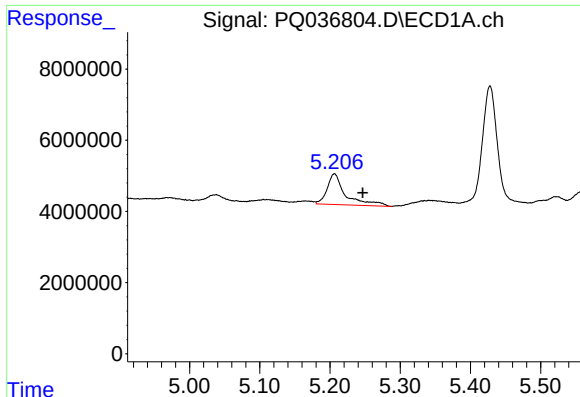
#11 AR-1232-1

R.T.: 4.728 min
Delta R.T.: 0.003 min
Response: 9707056
Conc: 104.26 ng/ml



#11 AR-1232-1

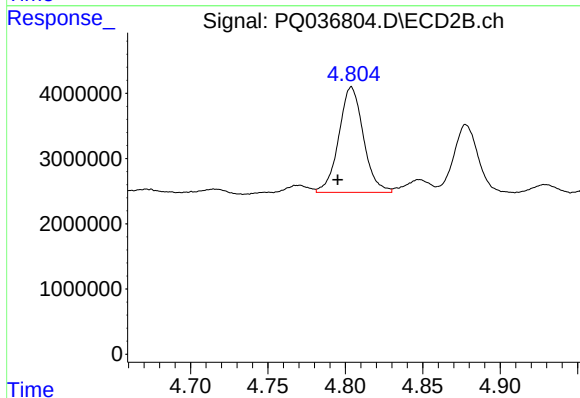
R.T.: 4.071 min
Delta R.T.: -0.005 min
Response: 2838979
Conc: 56.43 ng/ml



#12 AR-1232-2

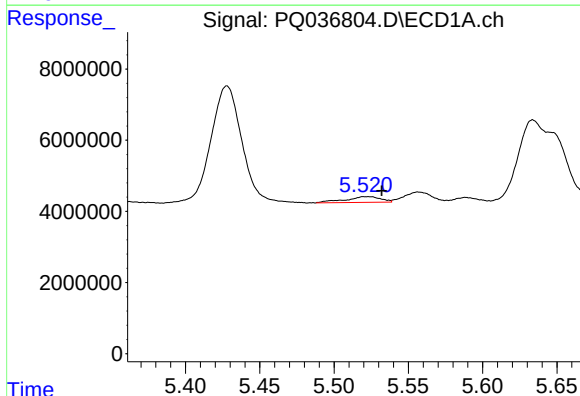
R.T.: 5.206 min
Delta R.T.: -0.040 min
Response: 15769764
Conc: 335.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



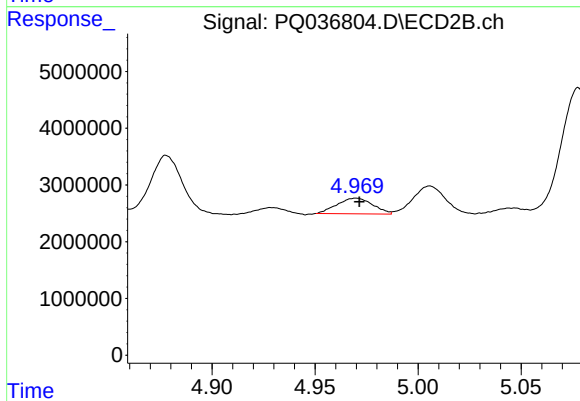
#12 AR-1232-2

R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 17862642
Conc: 333.02 ng/ml



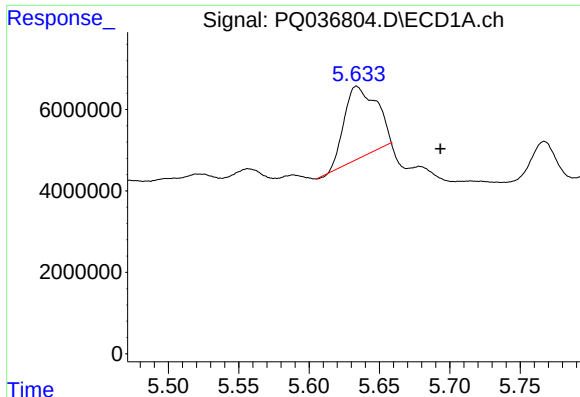
#13 AR-1232-3

R.T.: 5.521 min
Delta R.T.: -0.011 min
Response: 2706782
Conc: 27.34 ng/ml



#13 AR-1232-3

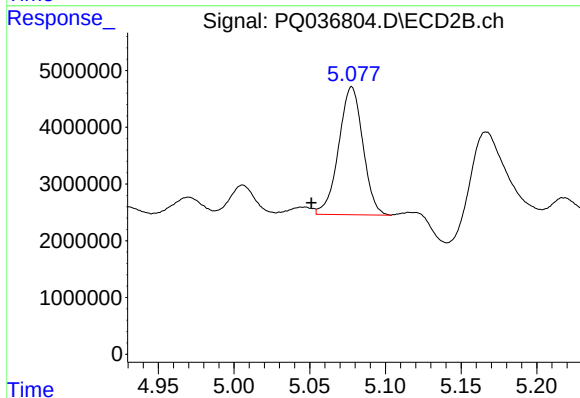
R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 3359093
Conc: 131.50 ng/ml



#14 AR-1232-4

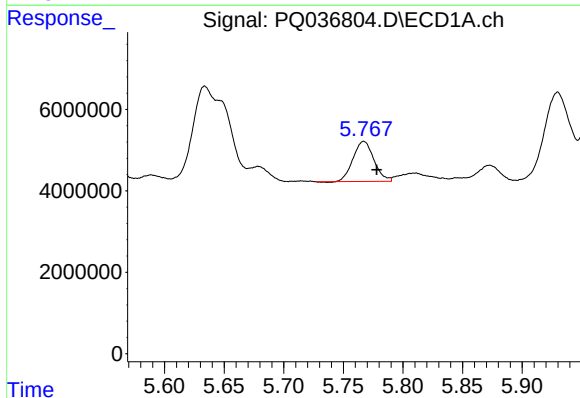
R.T.: 5.634 min
Delta R.T.: -0.059 min
Response: 27908647
Conc: 599.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



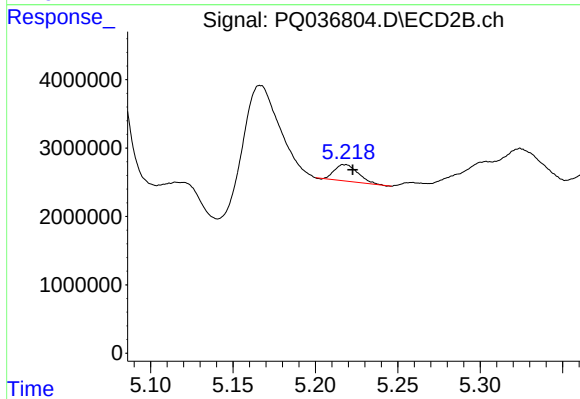
#14 AR-1232-4

R.T.: 5.078 min
Delta R.T.: 0.027 min
Response: 25075963
Conc: 1059.16 ng/ml



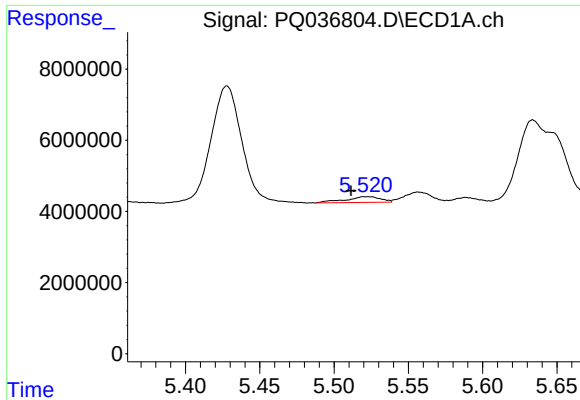
#15 AR-1232-5

R.T.: 5.767 min
Delta R.T.: -0.011 min
Response: 12039024
Conc: 350.76 ng/ml



#15 AR-1232-5

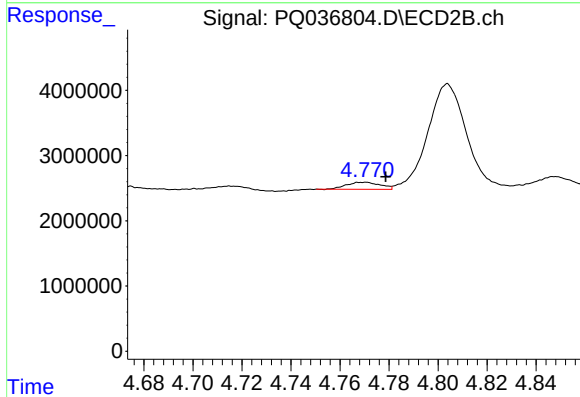
R.T.: 5.218 min
Delta R.T.: -0.005 min
Response: 2388114
Conc: 94.53 ng/ml



#16 AR-1242-1

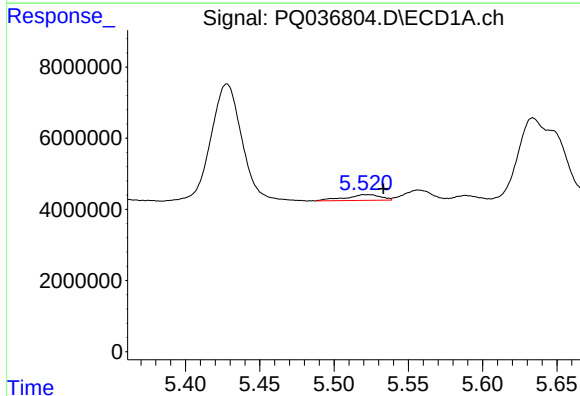
R.T.: 5.521 min
Delta R.T.: 0.010 min
Response: 2706782
Conc: 23.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



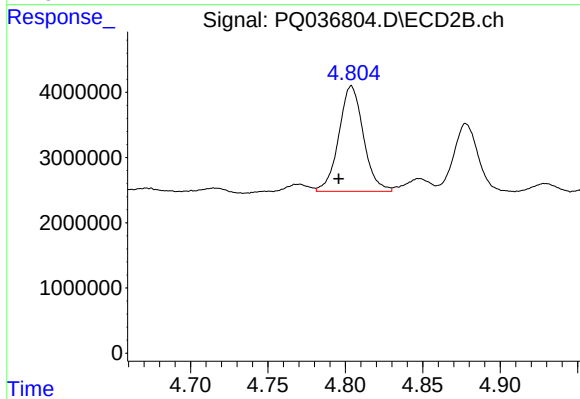
#16 AR-1242-1

R.T.: 4.770 min
Delta R.T.: -0.009 min
Response: 1035162
Conc: 16.48 ng/ml



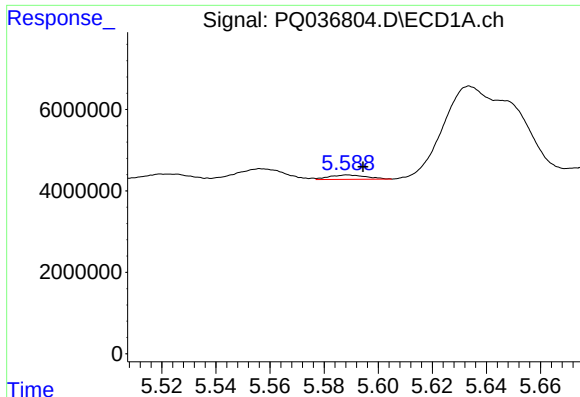
#17 AR-1242-2

R.T.: 5.521 min
Delta R.T.: -0.012 min
Response: 2706782
Conc: 15.27 ng/ml



#17 AR-1242-2

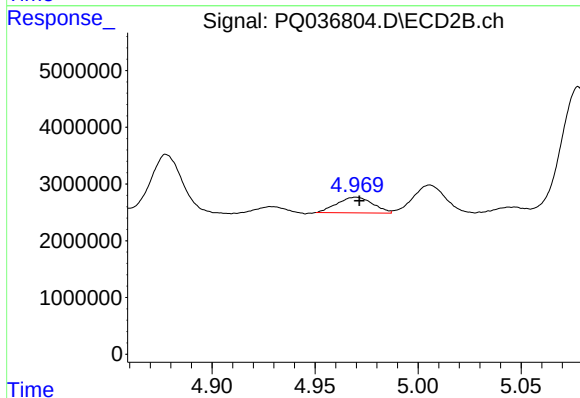
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 17862642
Conc: 191.39 ng/ml



#18 AR-1242-3

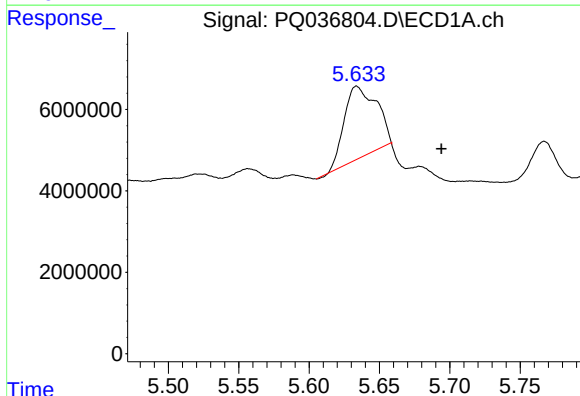
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 1021372
Conc: 9.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



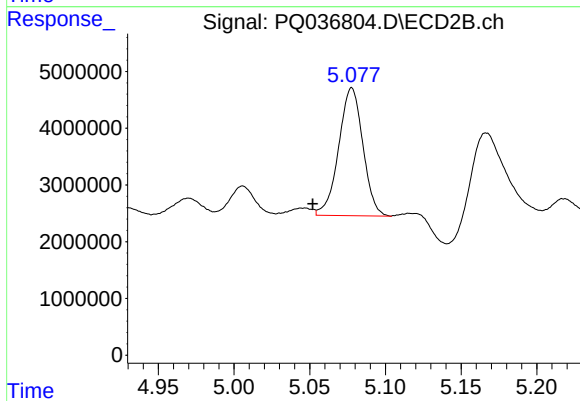
#18 AR-1242-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 3359093
Conc: 71.79 ng/ml



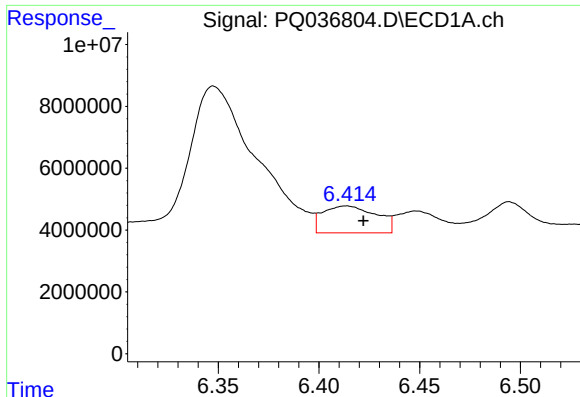
#19 AR-1242-4

R.T.: 5.634 min
Delta R.T.: -0.060 min
Response: 27908647
Conc: 331.80 ng/ml



#19 AR-1242-4

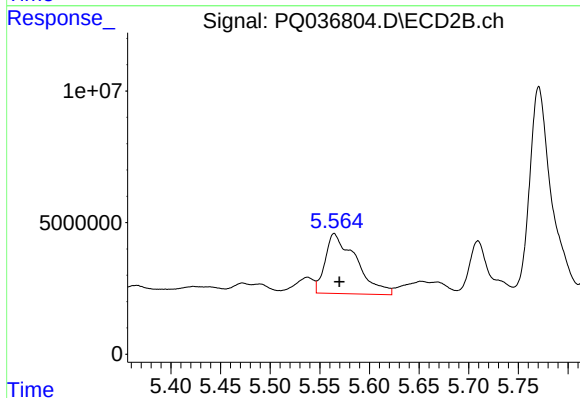
R.T.: 5.078 min
Delta R.T.: 0.026 min
Response: 25075963
Conc: 548.82 ng/ml



#20 AR-1242-5

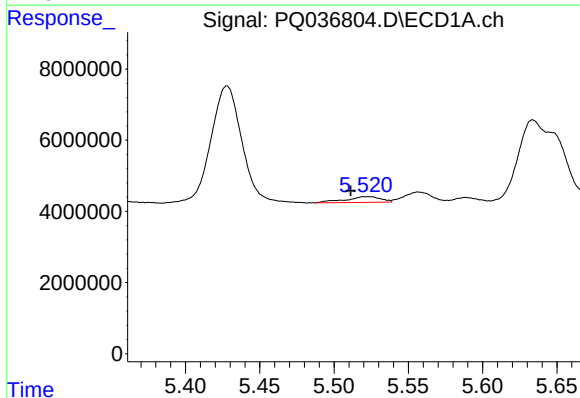
R.T.: 6.414 min
Delta R.T.: -0.009 min
Response: 16022150
Conc: 176.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



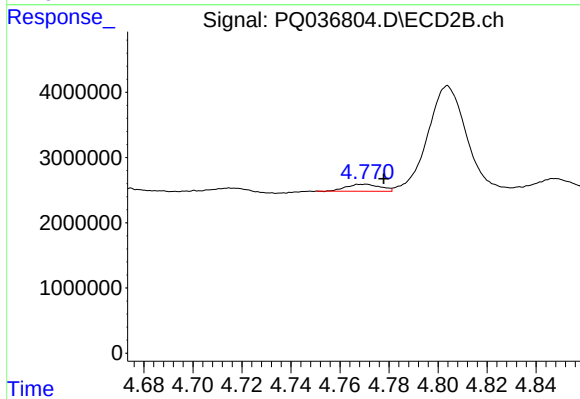
#20 AR-1242-5

R.T.: 5.564 min
Delta R.T.: -0.005 min
Response: 49384188
Conc: 882.20 ng/ml



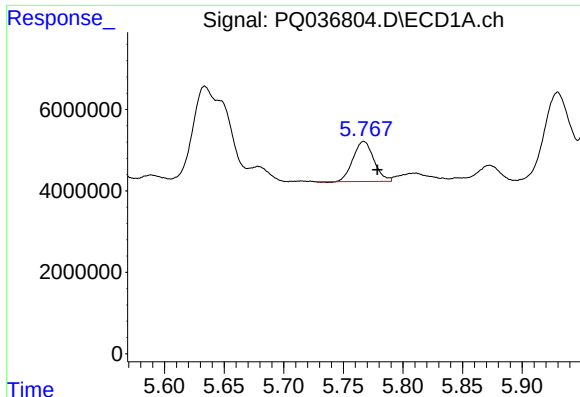
#21 AR-1248-1

R.T.: 5.521 min
Delta R.T.: 0.010 min
Response: 2706782
Conc: 30.12 ng/ml



#21 AR-1248-1

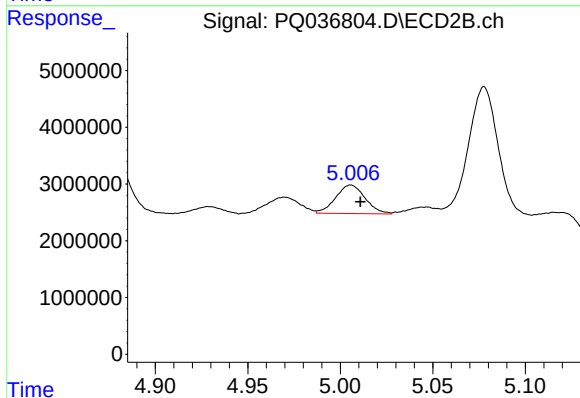
R.T.: 4.770 min
Delta R.T.: -0.008 min
Response: 1035162
Conc: 20.99 ng/ml



#22 AR-1248-2

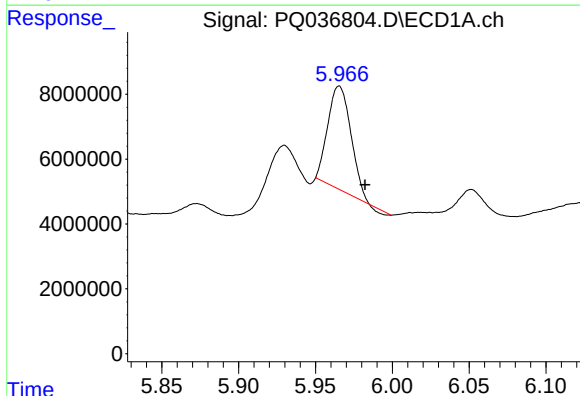
R.T.: 5.767 min
Delta R.T.: -0.011 min
Response: 12039024
Conc: 98.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



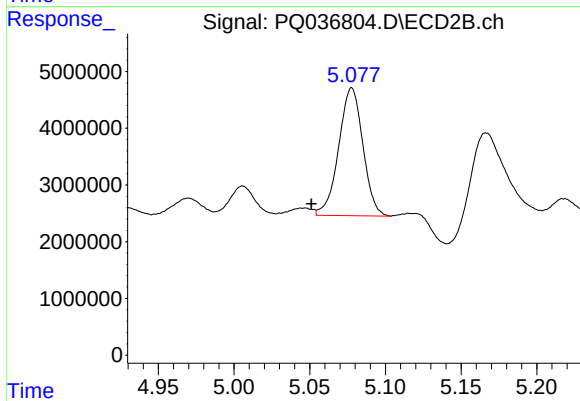
#22 AR-1248-2

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 5571332
Conc: 85.87 ng/ml



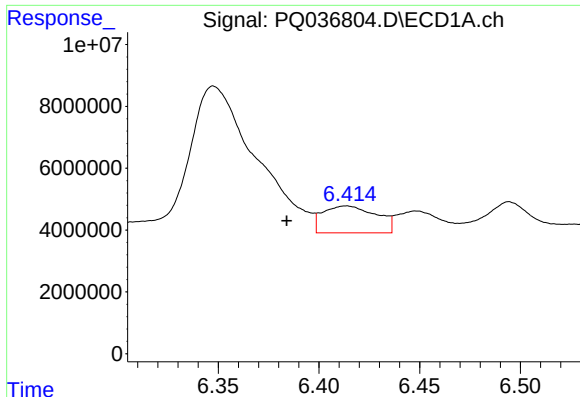
#23 AR-1248-3

R.T.: 5.965 min
Delta R.T.: -0.017 min
Response: 33070956
Conc: 240.81 ng/ml



#23 AR-1248-3

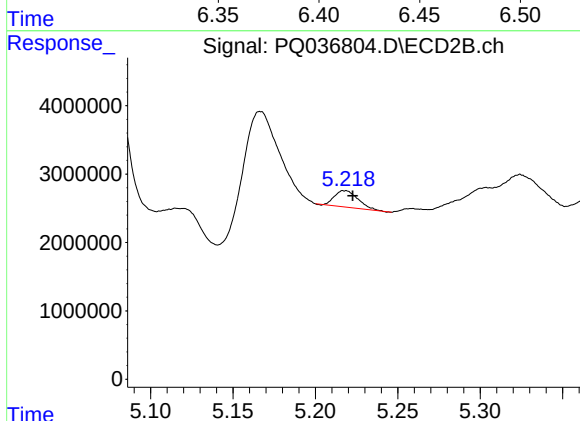
R.T.: 5.078 min
Delta R.T.: 0.027 min
Response: 25075963
Conc: 378.41 ng/ml



#24 AR-1248-4

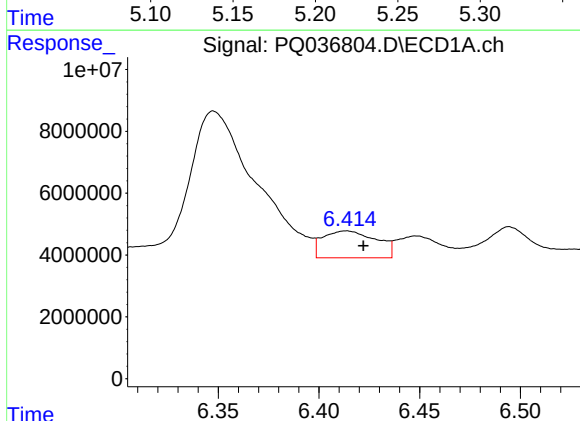
R.T.: 6.414 min
Delta R.T.: 0.029 min
Response: 16022150
Conc: 102.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



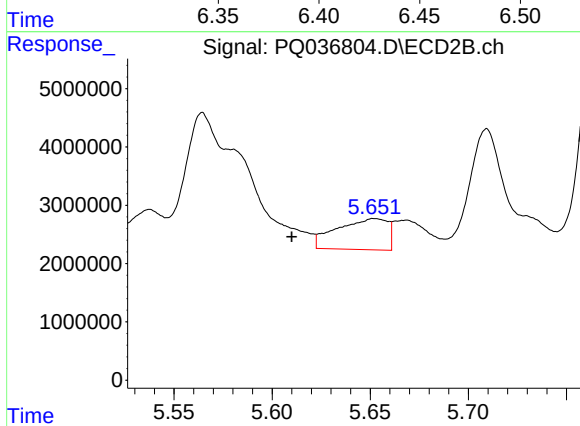
#24 AR-1248-4

R.T.: 5.218 min
Delta R.T.: -0.005 min
Response: 2388114
Conc: 30.07 ng/ml



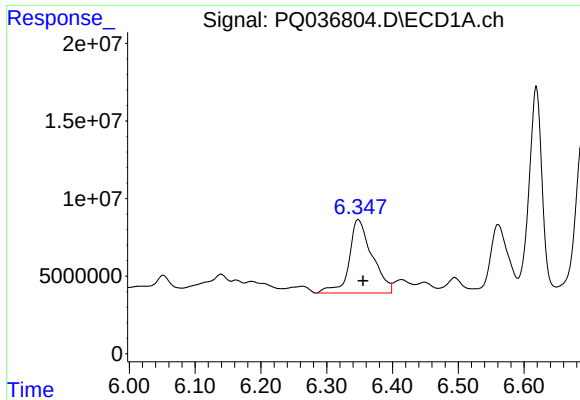
#25 AR-1248-5

R.T.: 6.414 min
Delta R.T.: -0.008 min
Response: 16022150
Conc: 107.97 ng/ml



#25 AR-1248-5

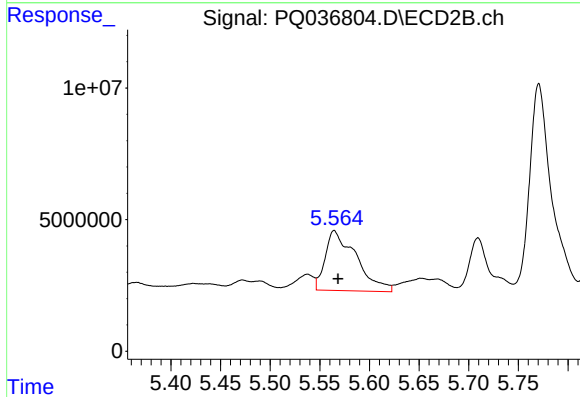
R.T.: 5.652 min
Delta R.T.: 0.042 min
Response: 9592790
Conc: 121.41 ng/ml



#26 AR-1254-1

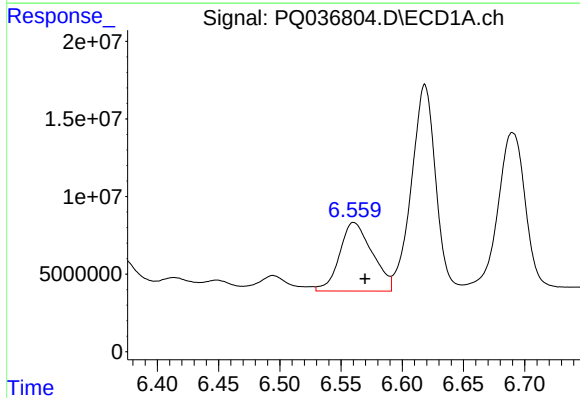
R.T.: 6.348 min
Delta R.T.: -0.008 min
Response: 115016953
Conc: 648.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



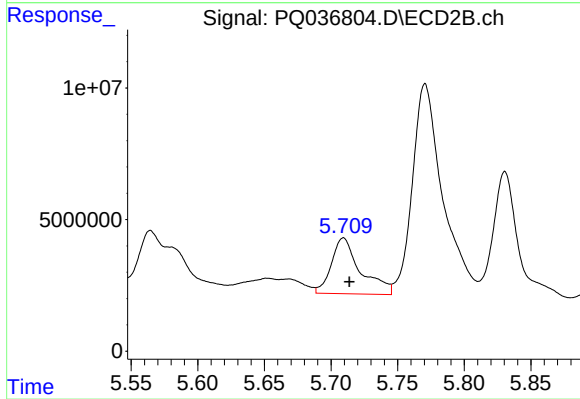
#26 AR-1254-1

R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 49384188
Conc: 368.86 ng/ml



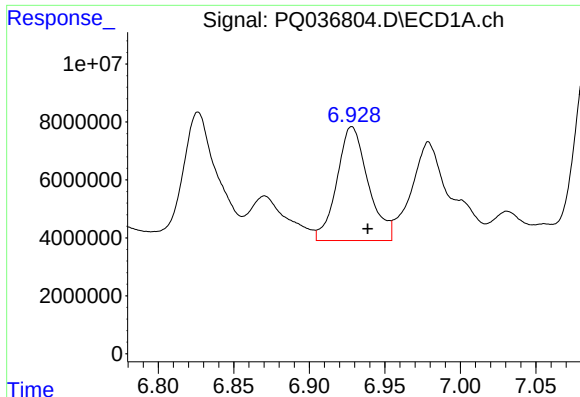
#27 AR-1254-2

R.T.: 6.560 min
Delta R.T.: -0.009 min
Response: 82154539
Conc: 315.37 ng/ml



#27 AR-1254-2

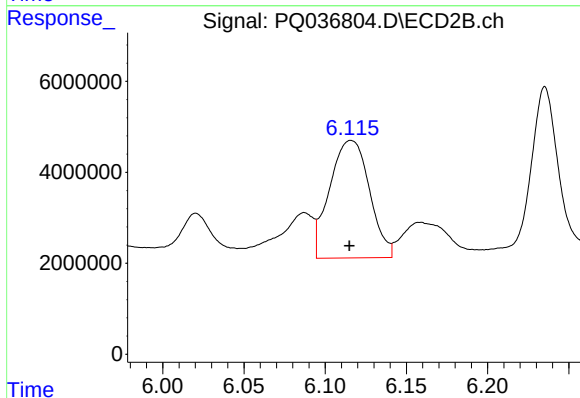
R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 32375918
Conc: 292.57 ng/ml



#28 AR-1254-3

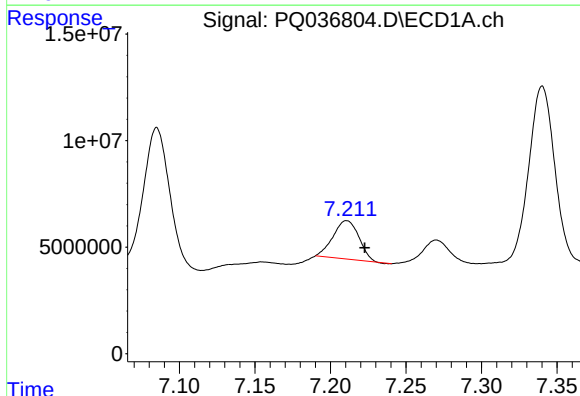
R.T.: 6.928 min
Delta R.T.: -0.011 min
Response: 56499867
Conc: 211.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



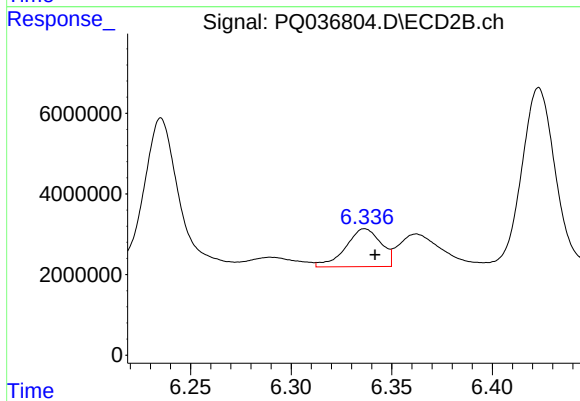
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 44038033
Conc: 244.66 ng/ml



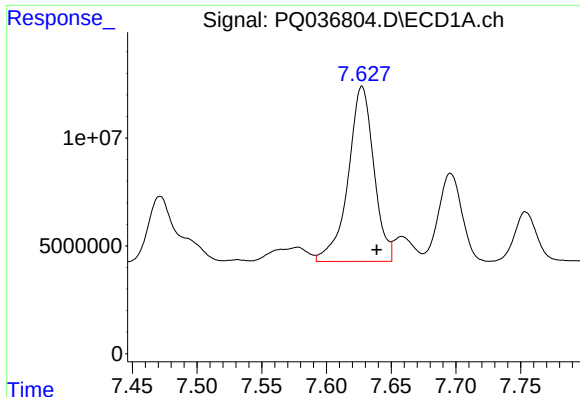
#29 AR-1254-4

R.T.: 7.211 min
Delta R.T.: -0.012 min
Response: 21450804
Conc: 108.12 ng/ml



#29 AR-1254-4

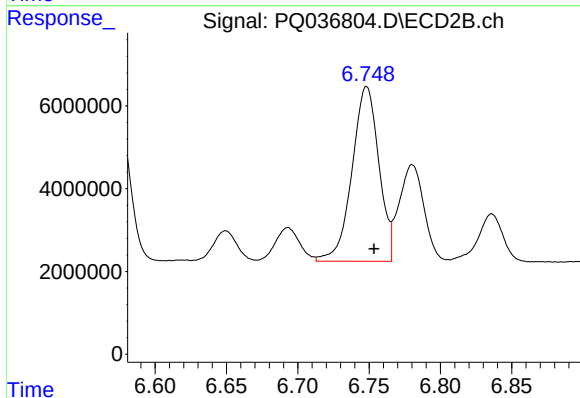
R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 11474526
Conc: 86.96 ng/ml



#30 AR-1254-5

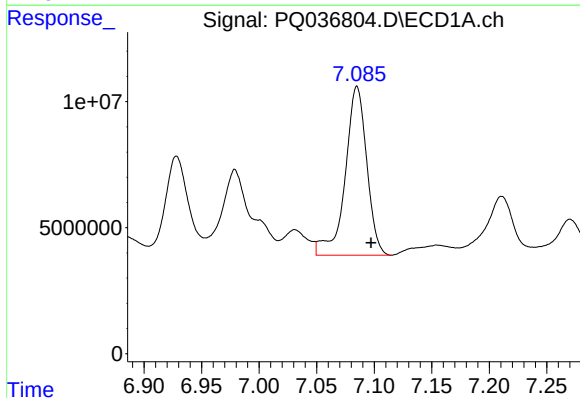
R.T.: 7.627 min
Delta R.T.: -0.011 min
Response: 11200205
Conc: 548.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



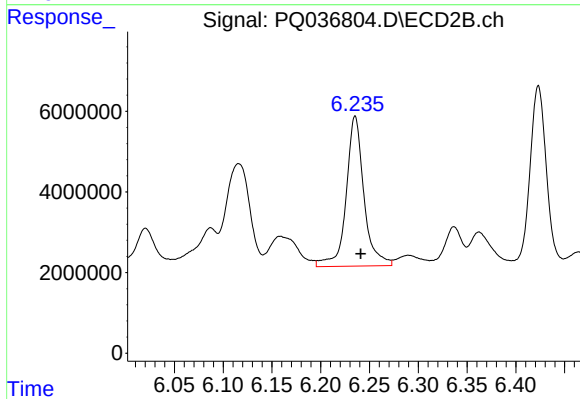
#30 AR-1254-5

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 55376192
Conc: 368.72 ng/ml



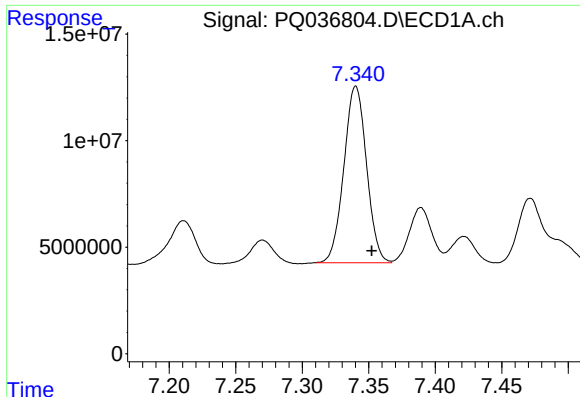
#31 AR-1260-1

R.T.: 7.085 min
Delta R.T.: -0.012 min
Response: 87660441
Conc: 450.09 ng/ml



#31 AR-1260-1

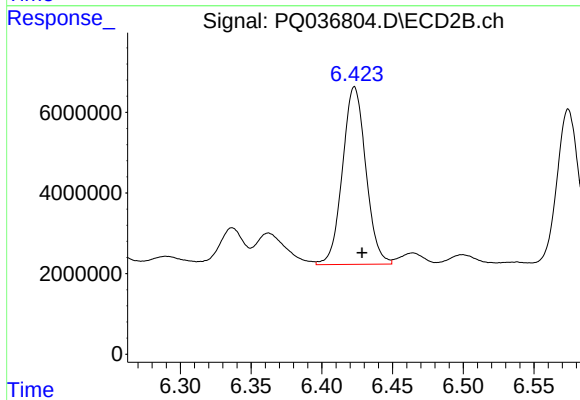
R.T.: 6.235 min
Delta R.T.: -0.006 min
Response: 47081148
Conc: 410.14 ng/ml



#32 AR-1260-2

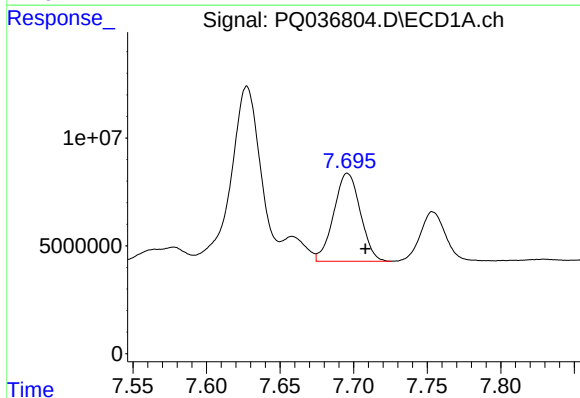
R.T.: 7.340 min
Delta R.T.: -0.012 min
Response: 98380092
Conc: 426.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



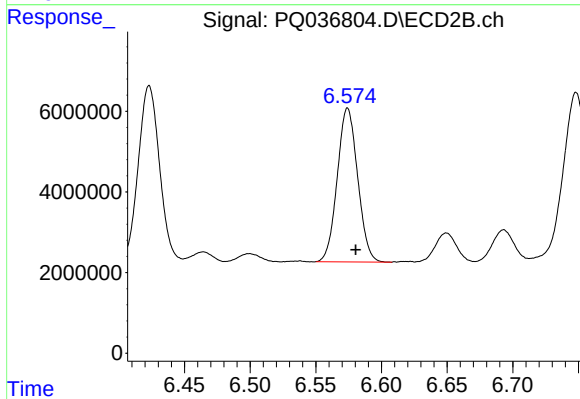
#32 AR-1260-2

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 50595696
Conc: 359.89 ng/ml



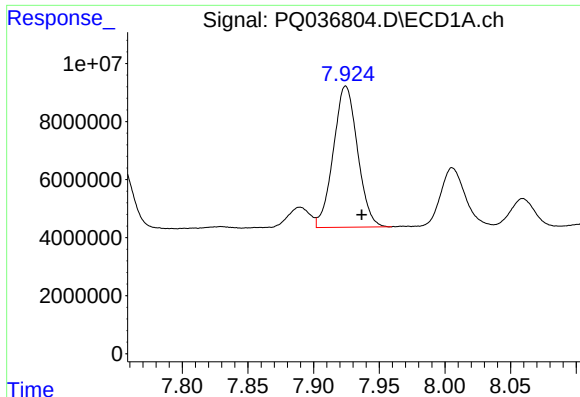
#33 AR-1260-3

R.T.: 7.696 min
Delta R.T.: -0.012 min
Response: 51331355
Conc: 355.95 ng/ml



#33 AR-1260-3

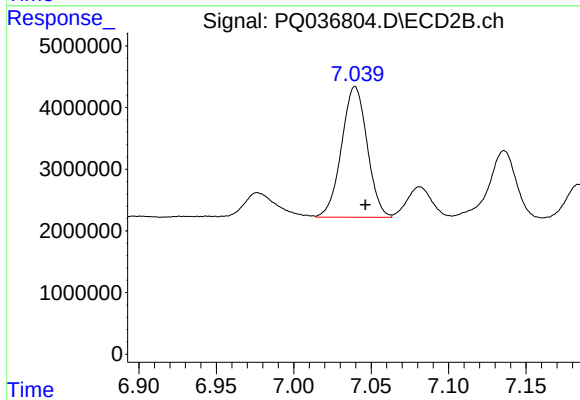
R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 41276153
Conc: 322.04 ng/ml



#34 AR-1260-4

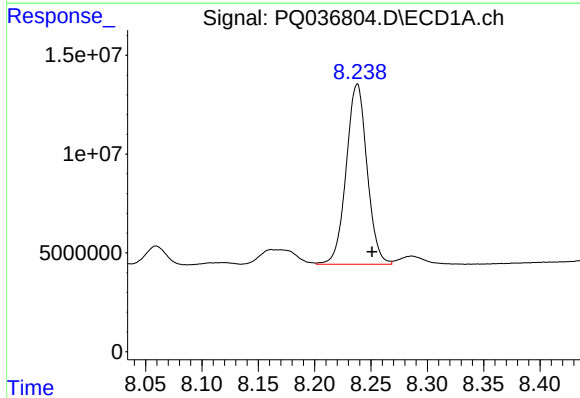
R.T.: 7.924 min
Delta R.T.: -0.012 min
Response: 62326916
Conc: 366.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



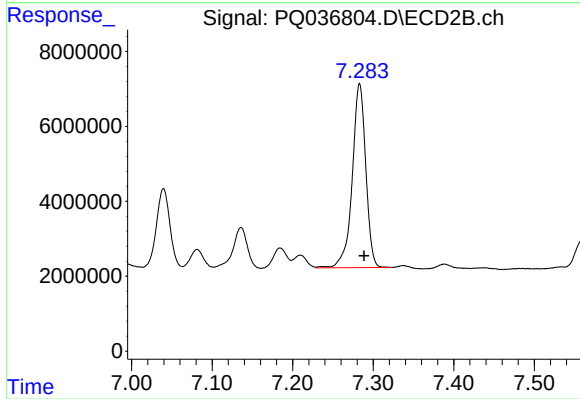
#34 AR-1260-4

R.T.: 7.040 min
Delta R.T.: -0.007 min
Response: 24418208
Conc: 280.45 ng/ml



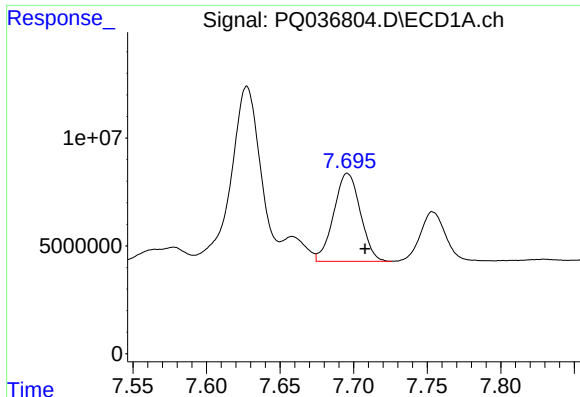
#35 AR-1260-5

R.T.: 8.238 min
Delta R.T.: -0.013 min
Response: 117354798
Conc: 348.98 ng/ml



#35 AR-1260-5

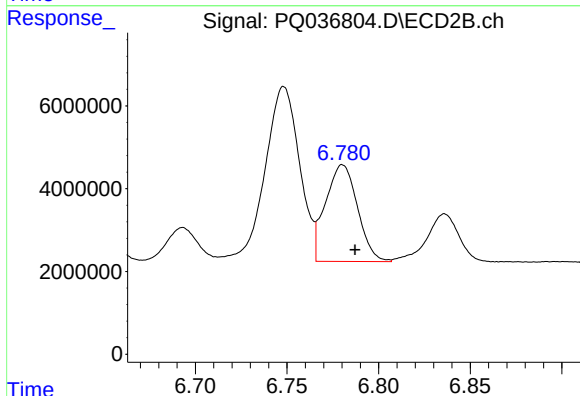
R.T.: 7.283 min
Delta R.T.: -0.006 min
Response: 57304507
Conc: 262.47 ng/ml



#36 AR-1262-1

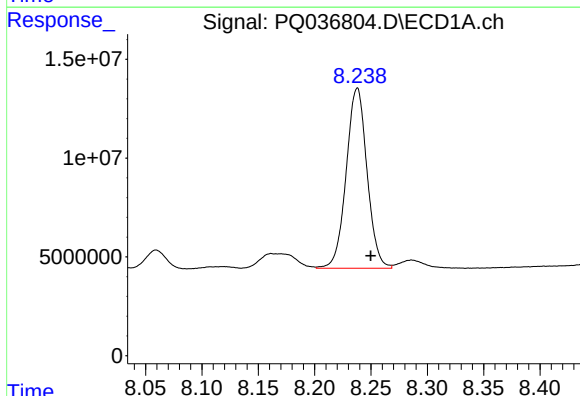
R.T.: 7.696 min
Delta R.T.: -0.012 min
Response: 51331355
Conc: 185.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



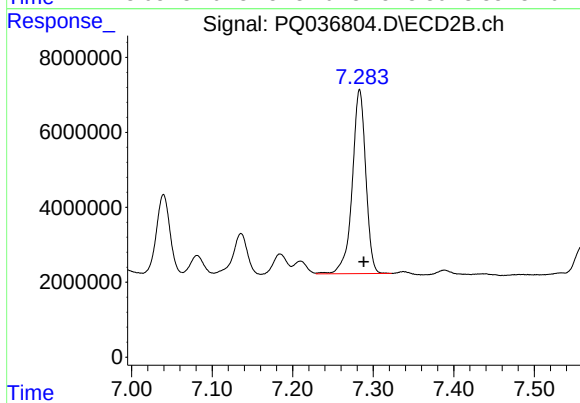
#36 AR-1262-1

R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 28465871
Conc: 169.61 ng/ml



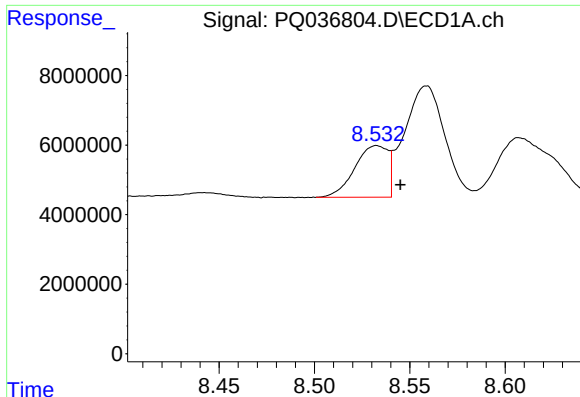
#37 AR-1262-2

R.T.: 8.238 min
Delta R.T.: -0.012 min
Response: 117354798
Conc: 239.32 ng/ml



#37 AR-1262-2

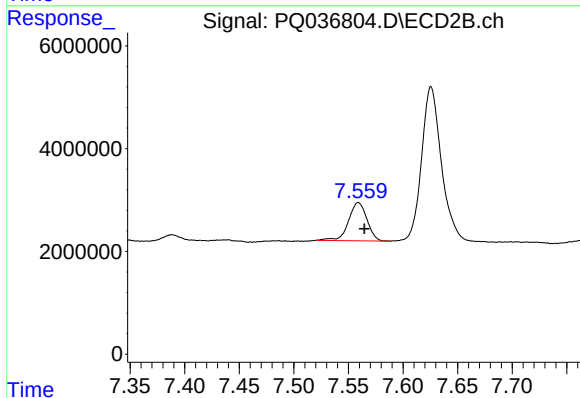
R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 57304507
Conc: 189.24 ng/ml



#38 AR-1262-3

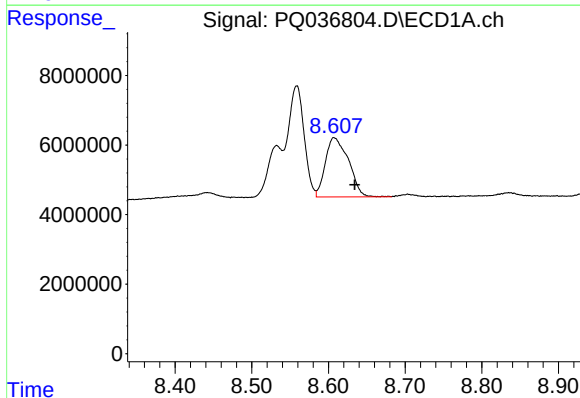
R.T.: 8.533 min
Delta R.T.: -0.012 min
Response: 17983524
Conc: 86.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



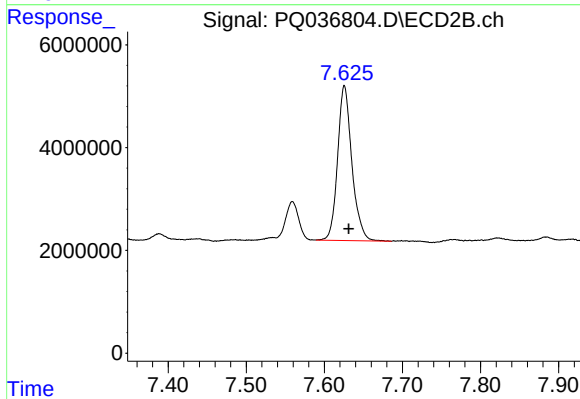
#38 AR-1262-3

R.T.: 7.559 min
Delta R.T.: -0.005 min
Response: 8769704
Conc: 78.08 ng/ml



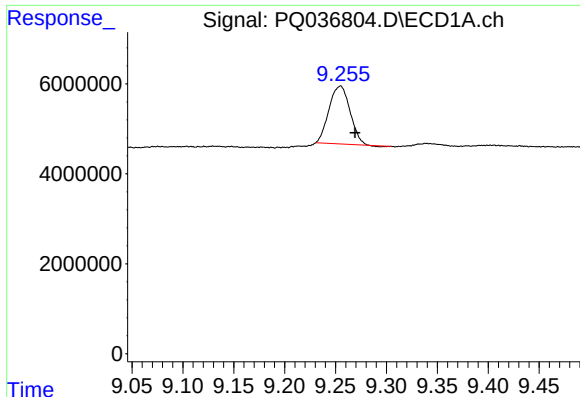
#39 AR-1262-4

R.T.: 8.607 min
Delta R.T.: -0.027 min
Response: 35762515
Conc: 147.43 ng/ml



#39 AR-1262-4

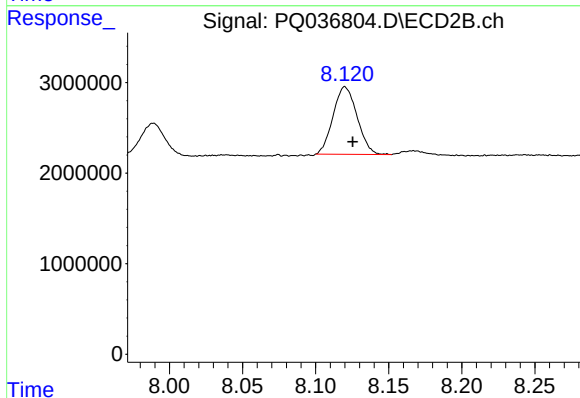
R.T.: 7.626 min
Delta R.T.: -0.005 min
Response: 38385320
Conc: 177.94 ng/ml



#40 AR-1262-5

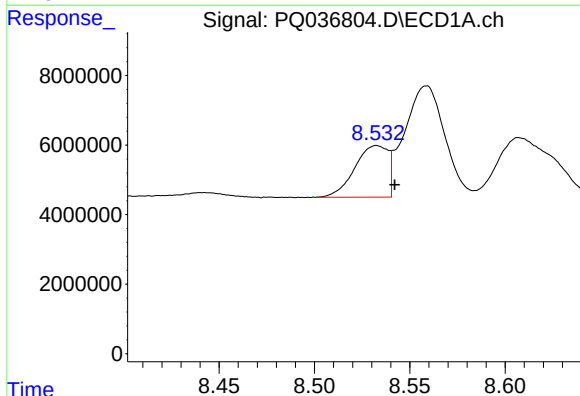
R.T.: 9.255 min
Delta R.T.: -0.014 min
Response: 18366968
Conc: 112.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



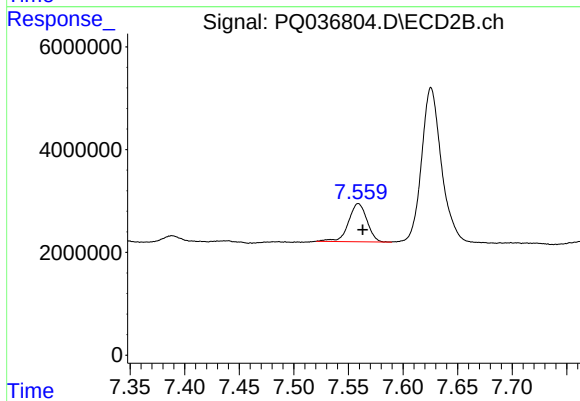
#40 AR-1262-5

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 8516379
Conc: 90.55 ng/ml



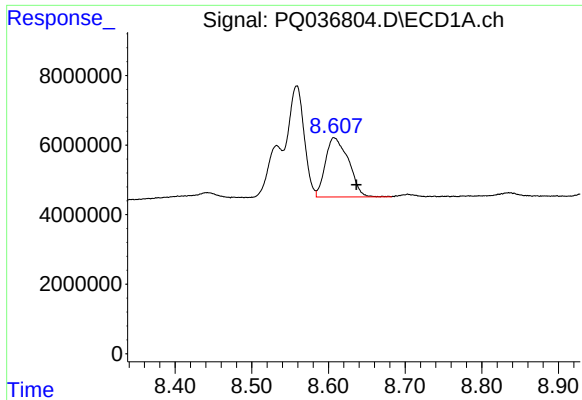
#41 AR-1268-1

R.T.: 8.533 min
Delta R.T.: -0.009 min
Response: 17983524
Conc: 28.51 ng/ml



#41 AR-1268-1

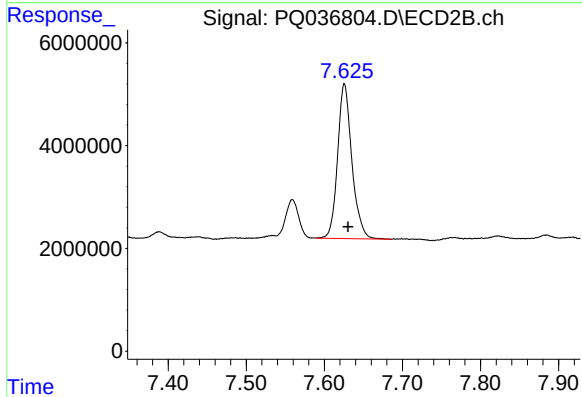
R.T.: 7.559 min
Delta R.T.: -0.004 min
Response: 8769704
Conc: 24.13 ng/ml



#42 AR-1268-2

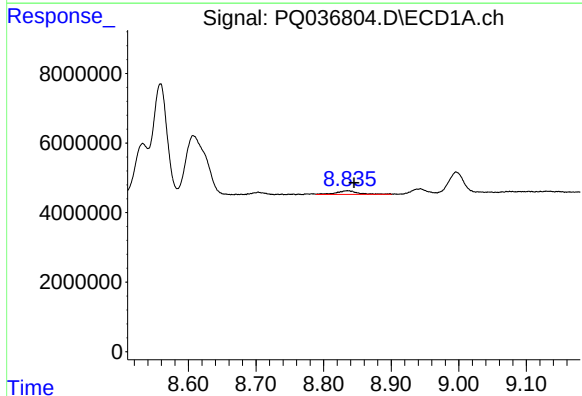
R.T.: 8.607 min
Delta R.T.: -0.029 min
Response: 35762515
Conc: 60.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



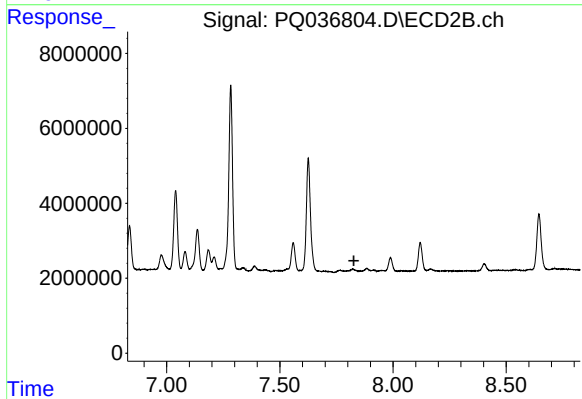
#42 AR-1268-2

R.T.: 7.626 min
Delta R.T.: -0.005 min
Response: 38385320
Conc: 115.85 ng/ml



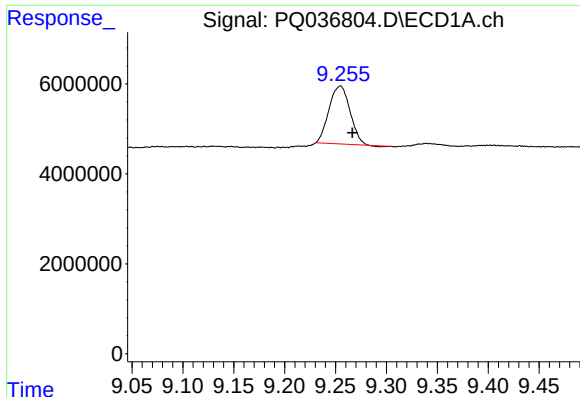
#43 AR-1268-3

R.T.: 8.836 min
Delta R.T.: -0.009 min
Response: 2381653
Conc: 4.71 ng/ml



#43 AR-1268-3

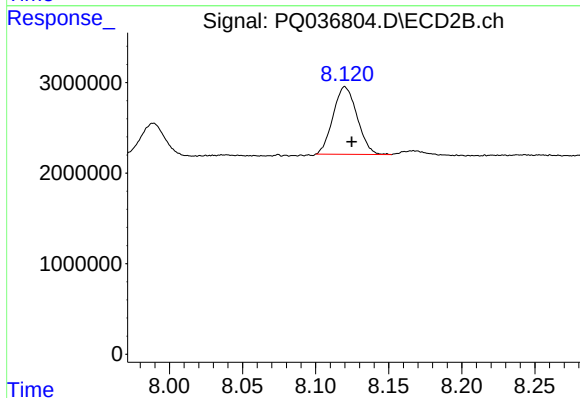
R.T.: 0.000 min
Exp R.T.: 7.827 min
Response: 0
Conc: N.D.



#44 AR-1268-4

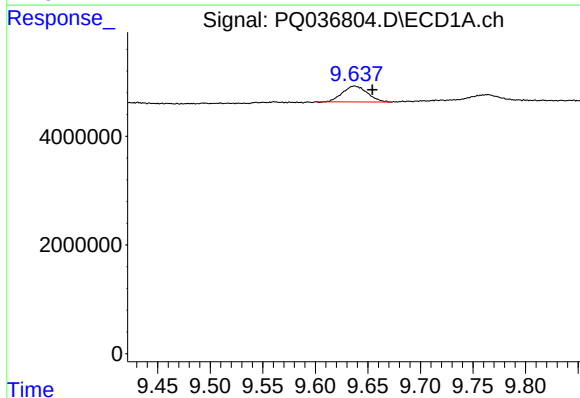
R.T.: 9.255 min
Delta R.T.: -0.012 min
Response: 18366968
Conc: 94.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-VRE



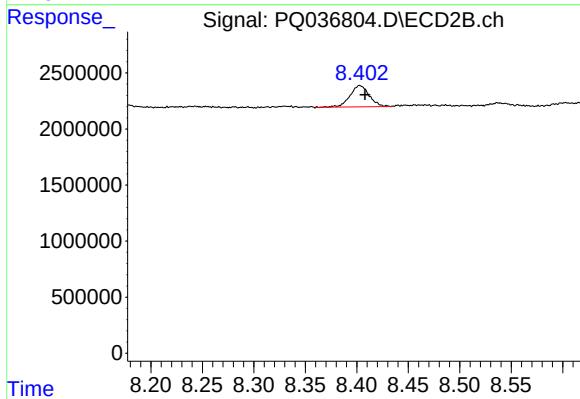
#44 AR-1268-4

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 8516379
Conc: 76.28 ng/ml



#45 AR-1268-5

R.T.: 9.637 min
Delta R.T.: -0.017 min
Response: 4725454
Conc: 2.91 ng/ml



#45 AR-1268-5

R.T.: 8.403 min
Delta R.T.: -0.005 min
Response: 2487680
Conc: 2.87 ng/ml