

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 08:54
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:13:42 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...	4.604	3.882	34862322	29208869	16.701	17.433
2)	SA Decachlor...	10.464	8.968	92571878	85781725	33.921	36.952
Target Compounds							
3)	L1 AR-1016-1	5.317	4.566	18198223	25178452	334.588	572.453 #
4)	L1 AR-1016-2	5.513	4.983	18108091	21835359	329.012	334.999
5)	L1 AR-1016-3	5.782	5.002	25293313	33388678	321.904	359.605
6)	L1 AR-1016-4	5.867	5.059	23165405	21204646	326.573	339.390
7)	L1 AR-1016-5	6.261	5.437	20663995	18365616	323.976	335.408
8)	L2 AR-1221-1	4.808	4.098	1741298	1689459	86.560	88.740
9)	L2 AR-1221-2	4.902	4.186	2539513	1713938	175.498	168.709
10)	L2 AR-1221-3	4.979	4.264	11638783	9140902	200.793	219.485
11)	L3 AR-1232-1	5.804	4.761	38590492	15561133	859.587	856.266
12)	L3 AR-1232-2	5.967	4.876	18934723	4040076	852.207	818.016
13)	L3 AR-1232-3	6.138	5.263	6373893	16878991	911.494	1000.574
14)	L3 AR-1232-4	6.472	5.587	5898719	19724127	887.122	901.478
15)	L3 AR-1232-5	7.335	0.000	5521847	0	1138.009	N.D. #
16)	L4 AR-1242-1	5.347	4.566	10718047	25178452	447.623	1349.899 #
17)	L4 AR-1242-2	6.100	5.181	17240575	17076805	413.013	439.552
18)	L4 AR-1242-3	6.302	5.295	9027970	5513358	426.217	441.226
19)	L4 AR-1242-4	6.347	5.660	6888313	4715973	440.923	428.586
20)	L4 AR-1242-5	6.404	6.033	22515027	2184062	416.508	76.245 #
21)	L5 AR-1248-1	6.055	5.219	16013588	13752457	211.039	220.501
22)	L5 AR-1248-2	6.639	5.790	19627396	19129259	243.981	160.348 #
23)	L5 AR-1248-3	6.664	5.831	6787516	4254355	63.723	52.225
24)	L5 AR-1248-4	6.706	6.007	5758335	1457287	56.886	20.309 #
25)	L5 AR-1248-5	6.904	6.357	1063556	34369430	15.352	593.582 #
26)	L6 AR-1254-1	6.856	5.935	17825952	14329656	95.604	117.769
27)	L6 AR-1254-2	7.140	6.253	3538221	2926018	30.287	28.256
28)	L6 AR-1254-3	7.226	6.571	9074718	2211938	43.388	16.692 #
29)	L6 AR-1254-4	7.511	6.897	5718640	4962436	37.430	52.971 #
30)	L6 AR-1254-5	7.774	6.989	24040432	60677562	206.326	319.334 #
31)	L7 AR-1260-1	7.388	6.473	45507284	42812608	308.115	328.139
32)	L7 AR-1260-2	7.644	6.658	54607827	52846270	304.322	331.249
33)	L7 AR-1260-3	7.930	6.816	66620019	50070249	307.106	332.133
34)	L7 AR-1260-4	8.238	7.289	48173305	42945771	304.346	342.490
35)	L7 AR-1260-5	8.569	7.527	97913150	104.4E6	304.722	345.376
36)	L8 AR-1262-1	7.282	6.357	28574759	34369430	352.527	459.436 #
37)	L8 AR-1262-2	8.062	7.080	21104257	21474814	259.932	293.848
38)	L8 AR-1262-3	8.322	7.387	23009376	23008087	254.489	303.879
39)	L8 AR-1262-4	8.987	7.812	14493823	22776051	79.628	161.866 #
40)	L8 AR-1262-5	9.677	8.384	26960594	25017259	209.260	226.348
41)	L9 AR-1268-1	8.005	7.026	41045693	43973920	453.267	532.019

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 Acq On : 30 Aug 2018 08:54
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

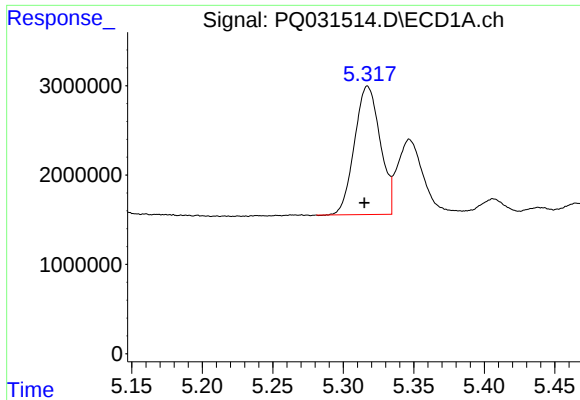
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:13:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
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 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
42) L9	AR-1268-2	8.238	7.876	48173305	74465564	406.412	173.657 #
43) L9	AR-1268-3	8.914	8.086	61876180	1196441	120.741	3.331 #
44) L9	AR-1268-4	9.228	8.180	1820109	951984	4.614	9.941 #
45) L9	AR-1268-5	10.111	8.693	7897106	6067578	6.613	5.641

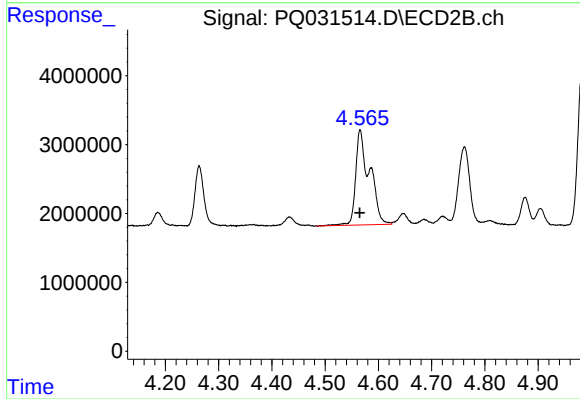
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

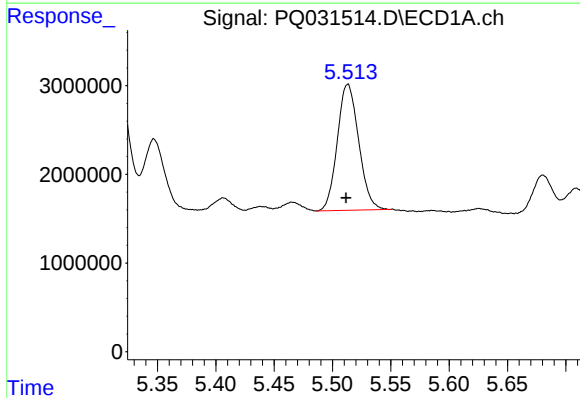
R.T.: 5.317 min
Delta R.T.: 0.002 min
Response: 18198223
Conc: 334.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



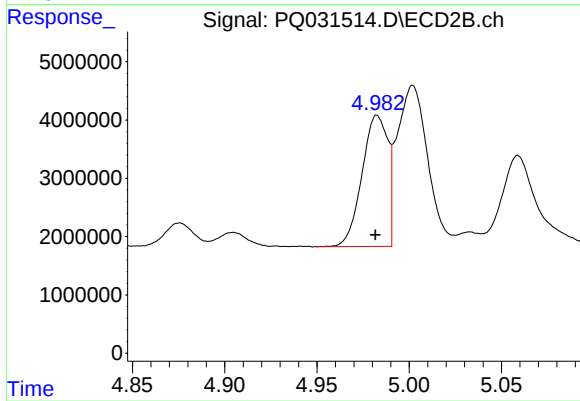
#3 AR-1016-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 25178452
Conc: 572.45 ng/ml



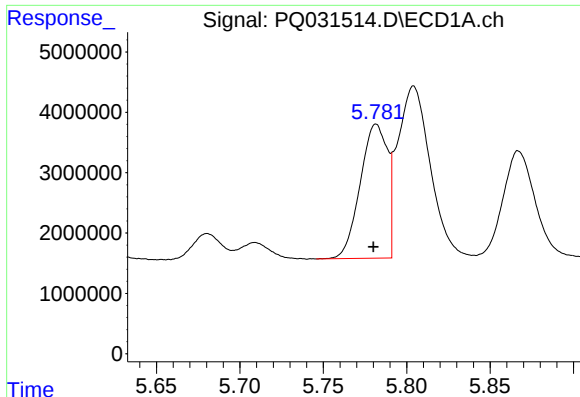
#4 AR-1016-2

R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 18108091
Conc: 329.01 ng/ml



#4 AR-1016-2

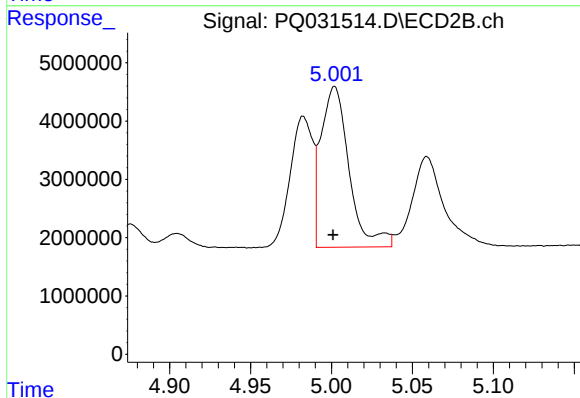
R.T.: 4.983 min
Delta R.T.: 0.001 min
Response: 21835359
Conc: 335.00 ng/ml



#5 AR-1016-3

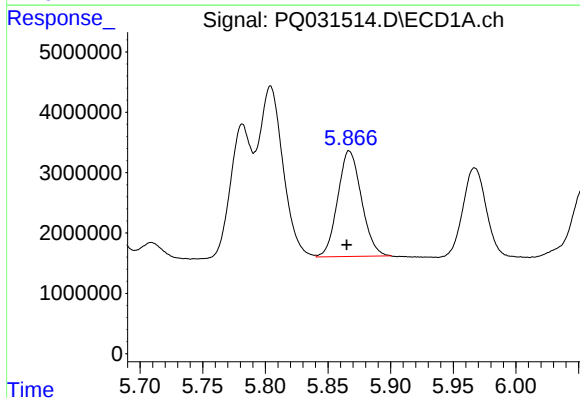
R.T.: 5.782 min
Delta R.T.: 0.002 min
Response: 25293313
Conc: 321.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



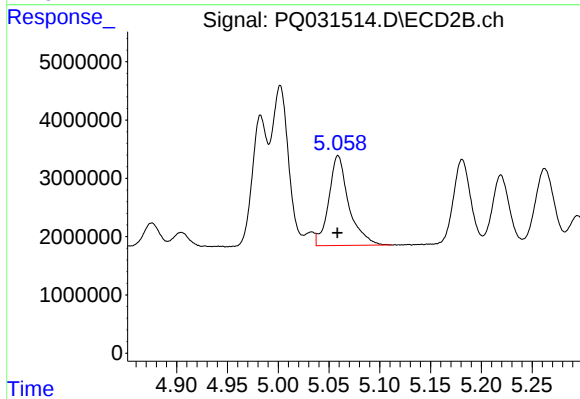
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 33388678
Conc: 359.61 ng/ml



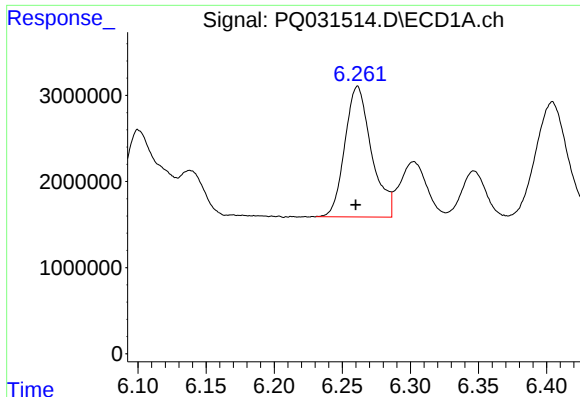
#6 AR-1016-4

R.T.: 5.867 min
Delta R.T.: 0.002 min
Response: 23165405
Conc: 326.57 ng/ml



#6 AR-1016-4

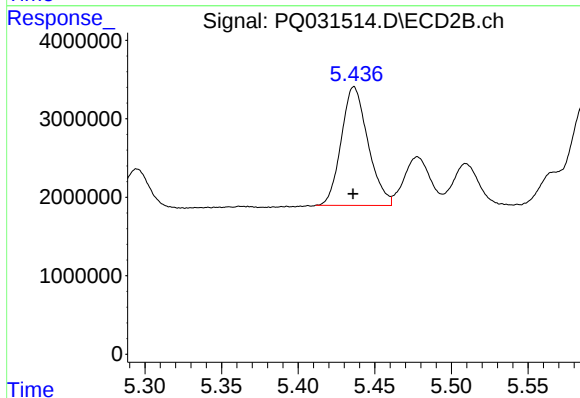
R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 21204646
Conc: 339.39 ng/ml



#7 AR-1016-5

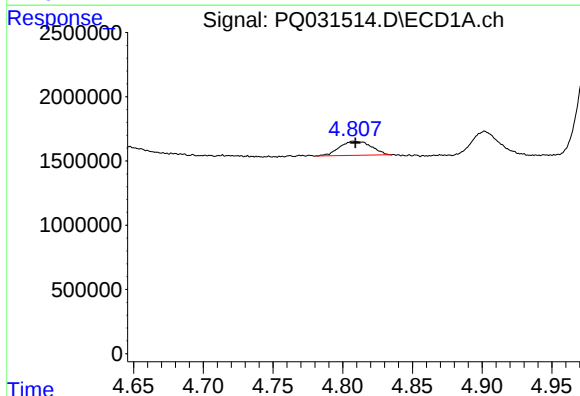
R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 20663995
Conc: 323.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



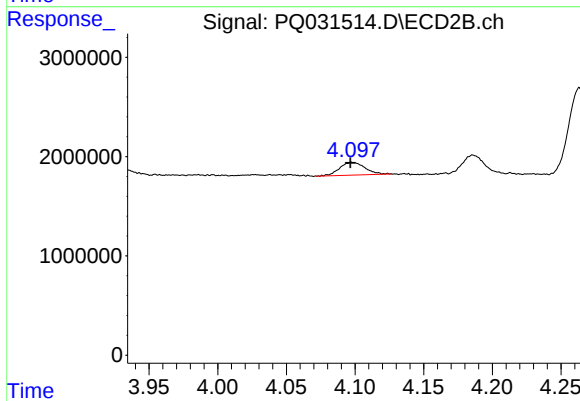
#7 AR-1016-5

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 18365616
Conc: 335.41 ng/ml



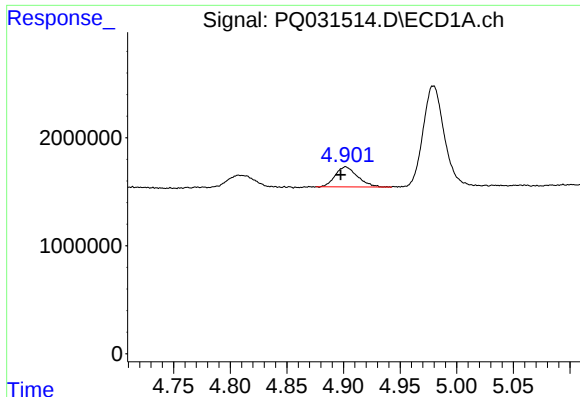
#8 AR-1221-1

R.T.: 4.808 min
Delta R.T.: -0.001 min
Response: 1741298
Conc: 86.56 ng/ml



#8 AR-1221-1

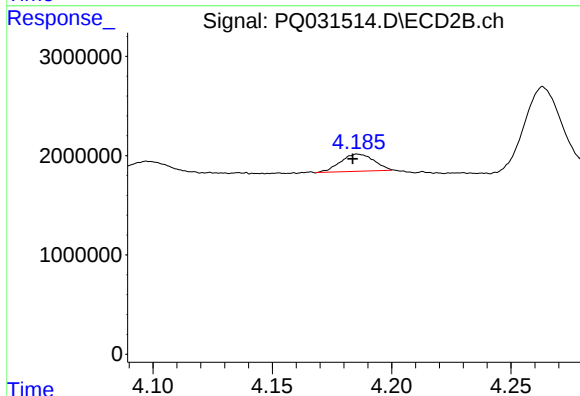
R.T.: 4.098 min
Delta R.T.: 0.002 min
Response: 1689459
Conc: 88.74 ng/ml



#9 AR-1221-2

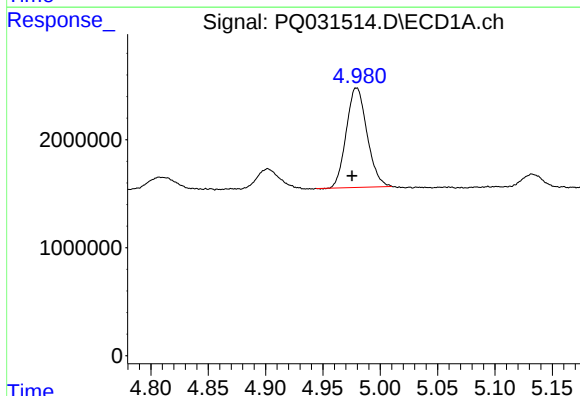
R.T.: 4.902 min
Delta R.T.: 0.004 min
Response: 2539513
Conc: 175.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



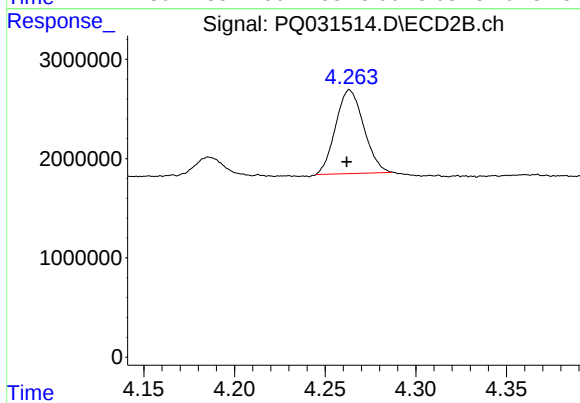
#9 AR-1221-2

R.T.: 4.186 min
Delta R.T.: 0.002 min
Response: 1713938
Conc: 168.71 ng/ml



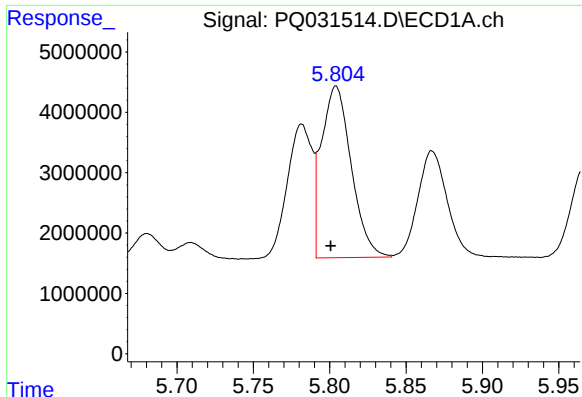
#10 AR-1221-3

R.T.: 4.979 min
Delta R.T.: 0.004 min
Response: 11638783
Conc: 200.79 ng/ml



#10 AR-1221-3

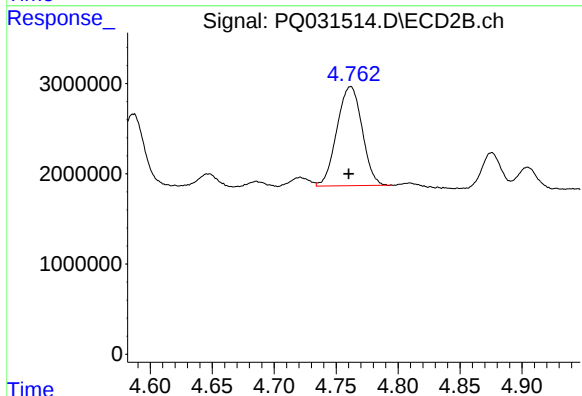
R.T.: 4.264 min
Delta R.T.: 0.002 min
Response: 9140902
Conc: 219.49 ng/ml



#11 AR-1232-1

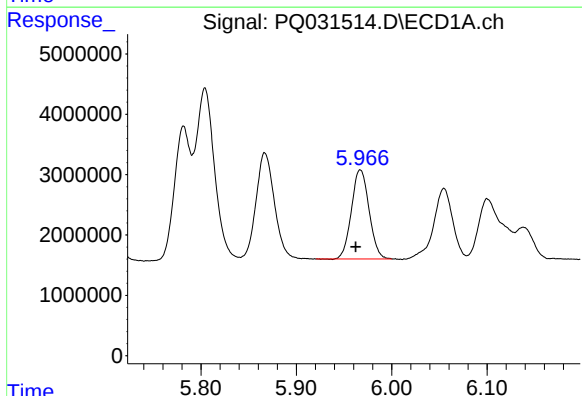
R.T.: 5.804 min
Delta R.T.: 0.004 min
Response: 38590492
Conc: 859.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



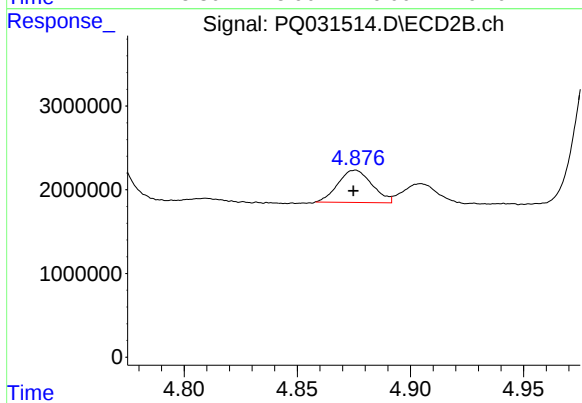
#11 AR-1232-1

R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 15561133
Conc: 856.27 ng/ml



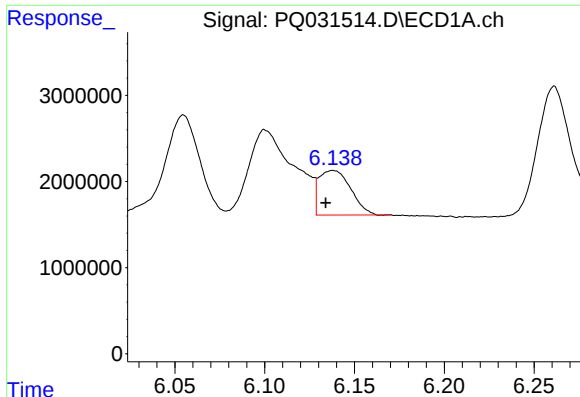
#12 AR-1232-2

R.T.: 5.967 min
Delta R.T.: 0.005 min
Response: 18934723
Conc: 852.21 ng/ml



#12 AR-1232-2

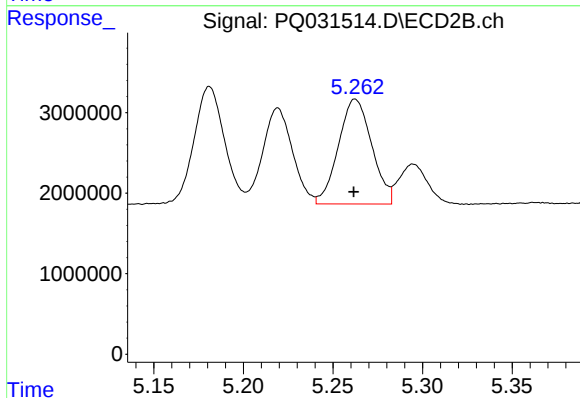
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 4040076
Conc: 818.02 ng/ml



#13 AR-1232-3

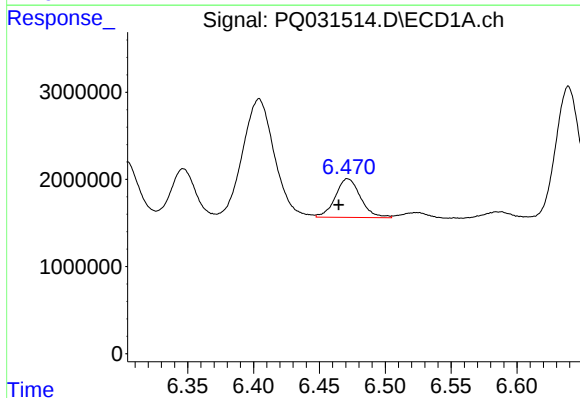
R.T.: 6.138 min
Delta R.T.: 0.004 min
Response: 6373893
Conc: 911.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



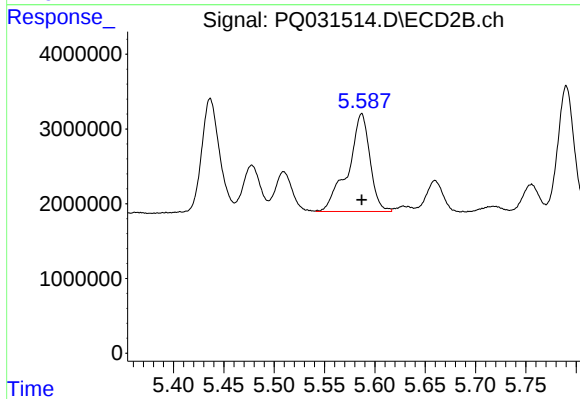
#13 AR-1232-3

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 16878991
Conc: 1000.57 ng/ml



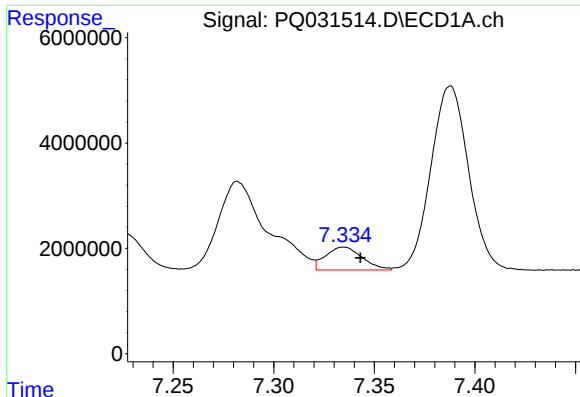
#14 AR-1232-4

R.T.: 6.472 min
Delta R.T.: 0.007 min
Response: 5898719
Conc: 887.12 ng/ml



#14 AR-1232-4

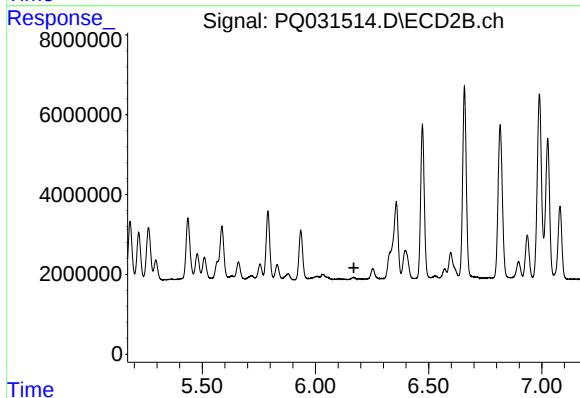
R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 19724127
Conc: 901.48 ng/ml



#15 AR-1232-5

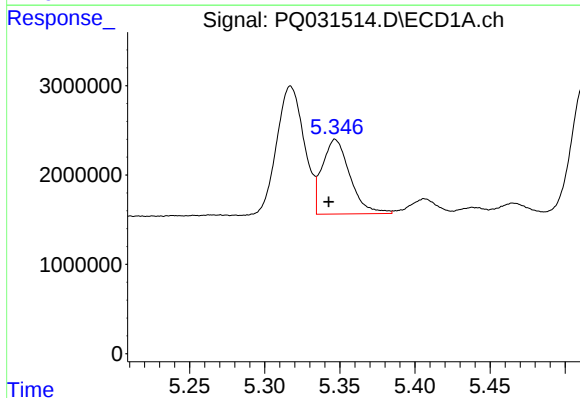
R.T.: 7.335 min
Delta R.T.: -0.008 min
Response: 5521847
Conc: 1138.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



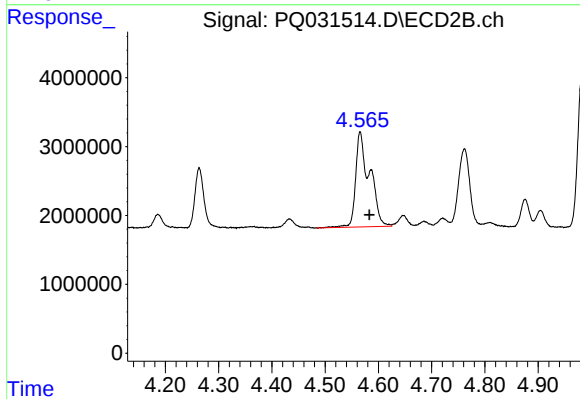
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.170 min
Response: 0
Conc: N.D.



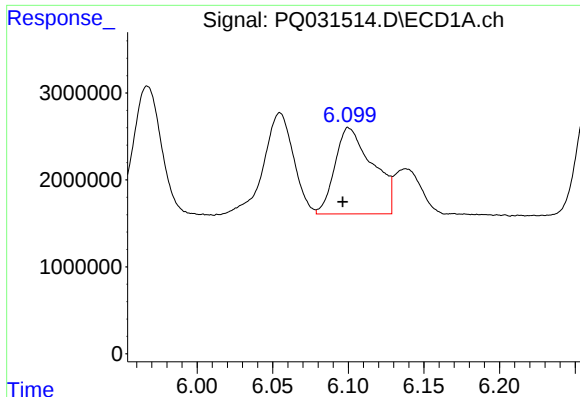
#16 AR-1242-1

R.T.: 5.347 min
Delta R.T.: 0.004 min
Response: 10718047
Conc: 447.62 ng/ml



#16 AR-1242-1

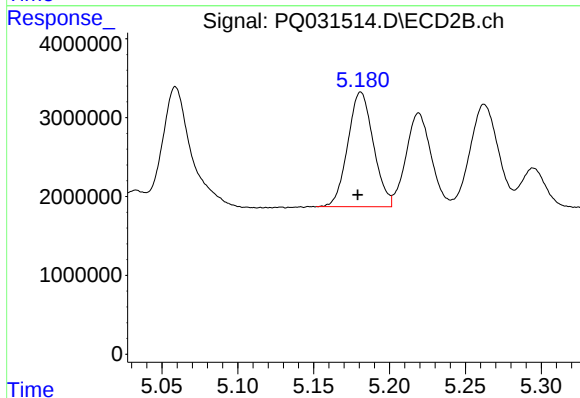
R.T.: 4.566 min
Delta R.T.: -0.018 min
Response: 25178452
Conc: 1349.90 ng/ml



#17 AR-1242-2

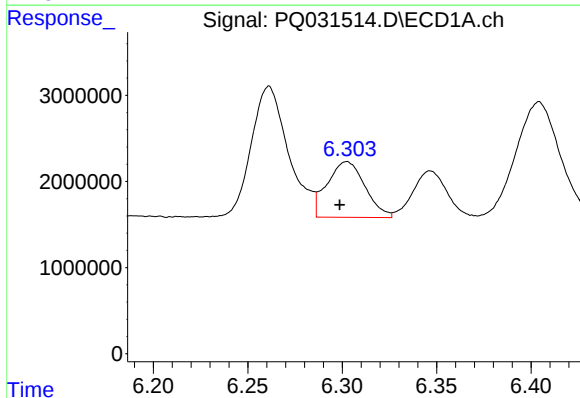
R.T.: 6.100 min
Delta R.T.: 0.004 min
Response: 17240575
Conc: 413.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



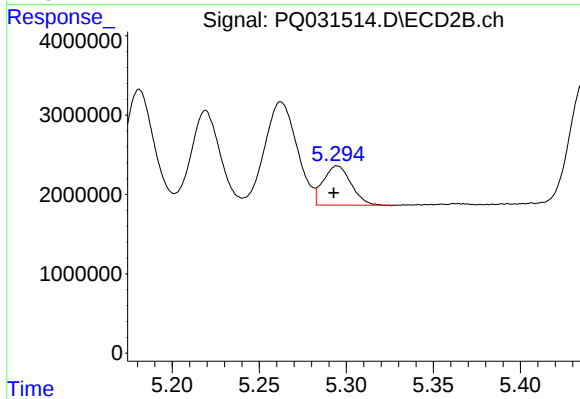
#17 AR-1242-2

R.T.: 5.181 min
Delta R.T.: 0.002 min
Response: 17076805
Conc: 439.55 ng/ml



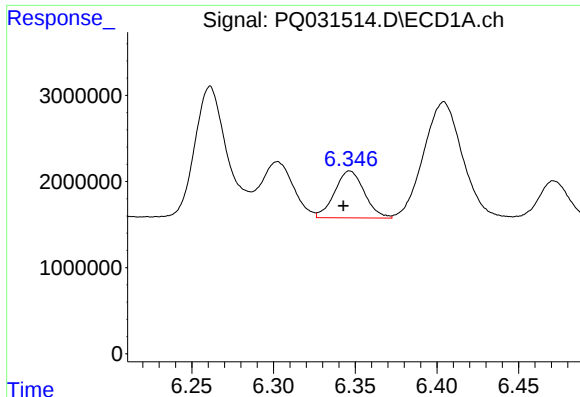
#18 AR-1242-3

R.T.: 6.302 min
Delta R.T.: 0.004 min
Response: 9027970
Conc: 426.22 ng/ml



#18 AR-1242-3

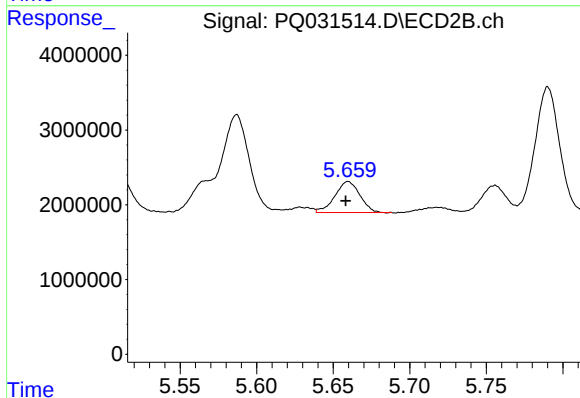
R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 5513358
Conc: 441.23 ng/ml



#19 AR-1242-4

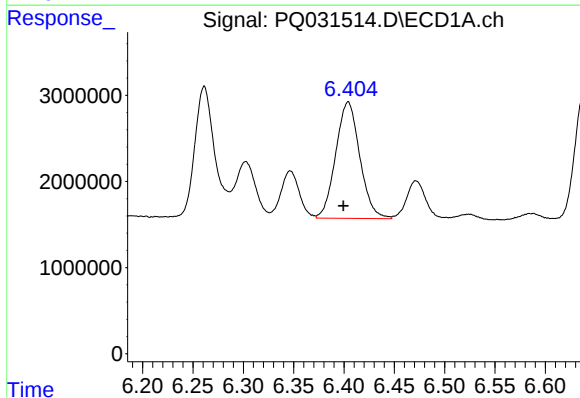
R.T.: 6.347 min
Delta R.T.: 0.004 min
Response: 6888313
Conc: 440.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



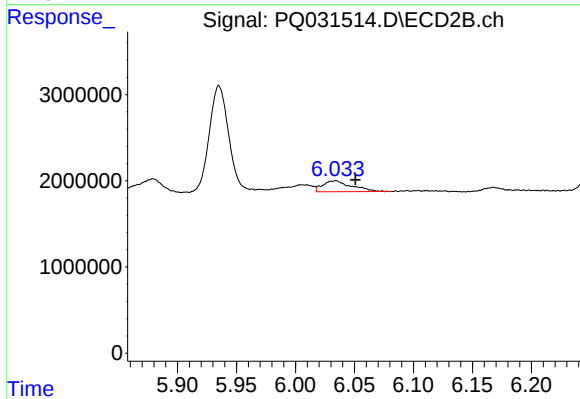
#19 AR-1242-4

R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 4715973
Conc: 428.59 ng/ml



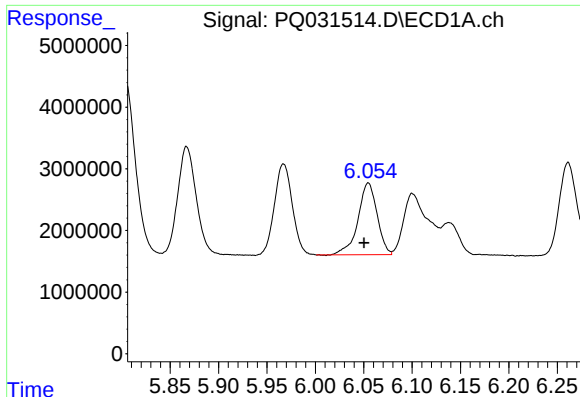
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 22515027
Conc: 416.51 ng/ml



#20 AR-1242-5

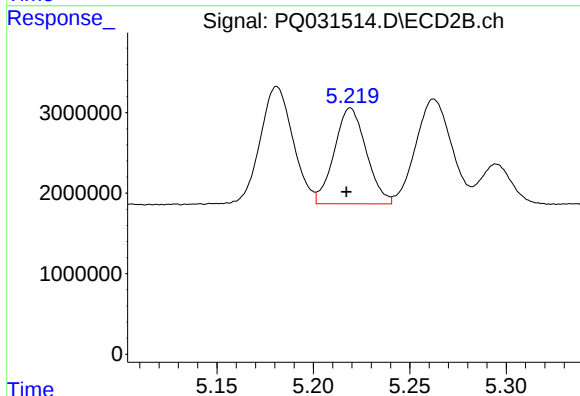
R.T.: 6.033 min
Delta R.T.: -0.018 min
Response: 2184062
Conc: 76.24 ng/ml



#21 AR-1248-1

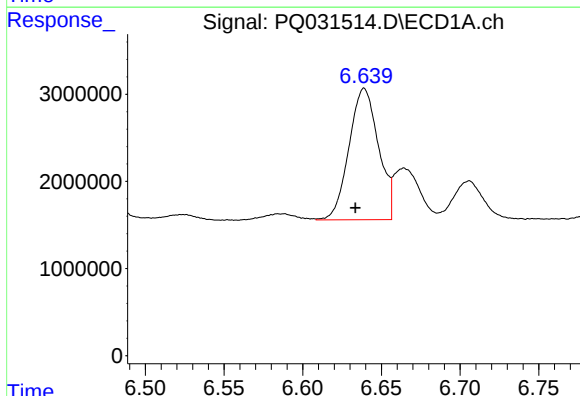
R.T.: 6.055 min
Delta R.T.: 0.005 min
Response: 16013588
Conc: 211.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



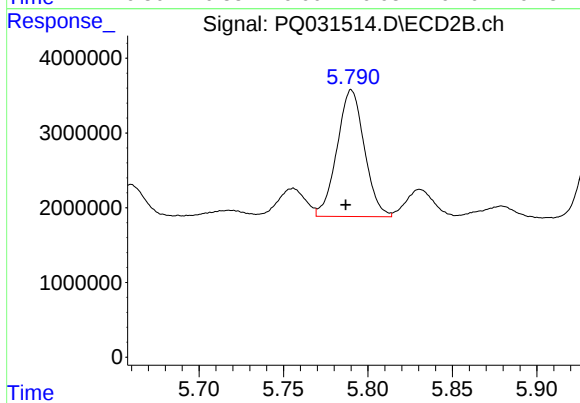
#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: 0.002 min
Response: 13752457
Conc: 220.50 ng/ml



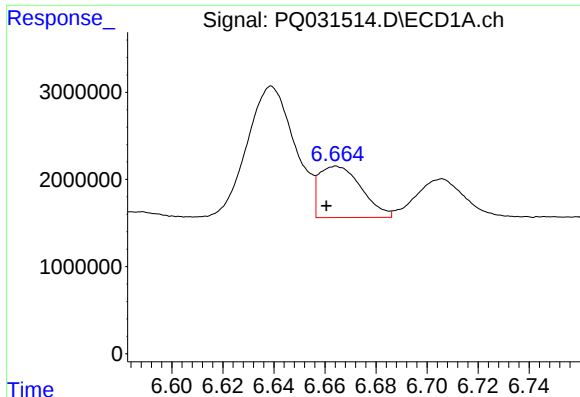
#22 AR-1248-2

R.T.: 6.639 min
Delta R.T.: 0.006 min
Response: 19627396
Conc: 243.98 ng/ml



#22 AR-1248-2

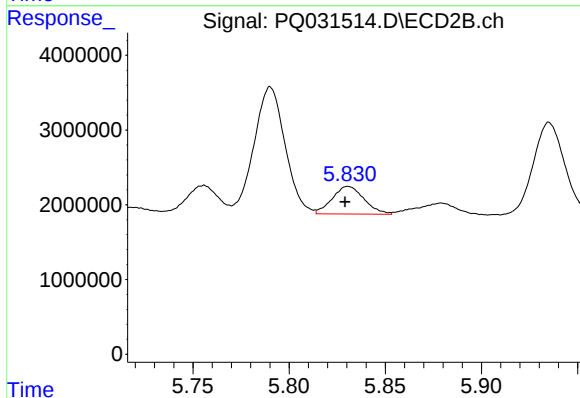
R.T.: 5.790 min
Delta R.T.: 0.003 min
Response: 19129259
Conc: 160.35 ng/ml



#23 AR-1248-3

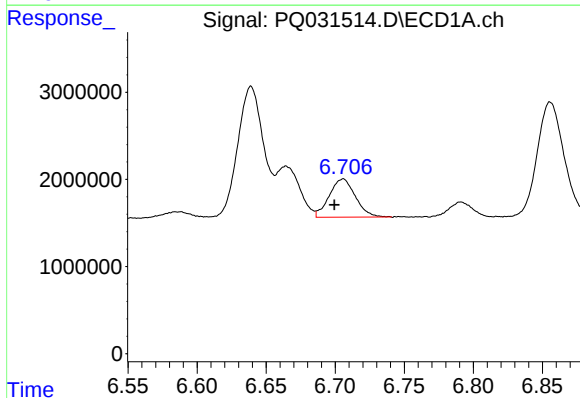
R.T.: 6.664 min
Delta R.T.: 0.004 min
Response: 6787516
Conc: 63.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



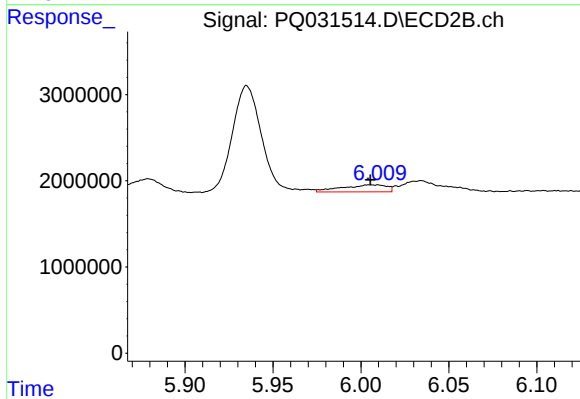
#23 AR-1248-3

R.T.: 5.831 min
Delta R.T.: 0.002 min
Response: 4254355
Conc: 52.22 ng/ml



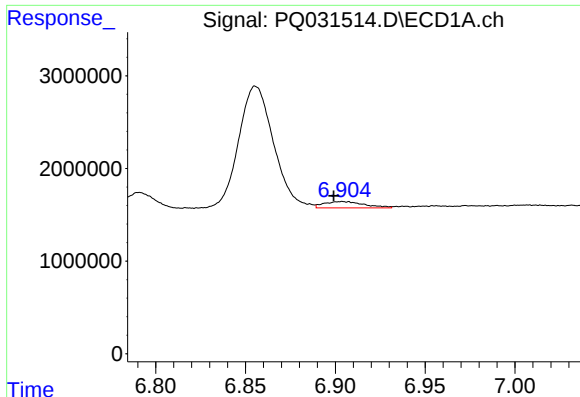
#24 AR-1248-4

R.T.: 6.706 min
Delta R.T.: 0.006 min
Response: 5758335
Conc: 56.89 ng/ml



#24 AR-1248-4

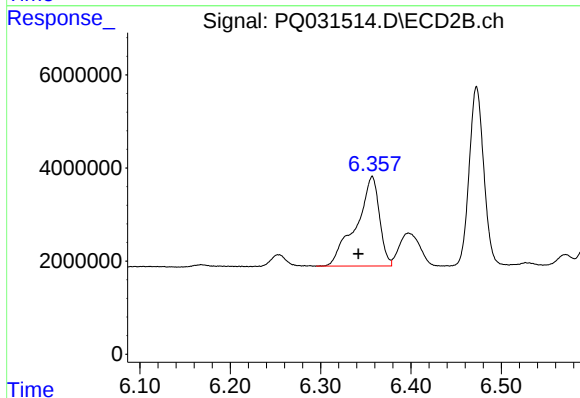
R.T.: 6.007 min
Delta R.T.: 0.002 min
Response: 1457287
Conc: 20.31 ng/ml



#25 AR-1248-5

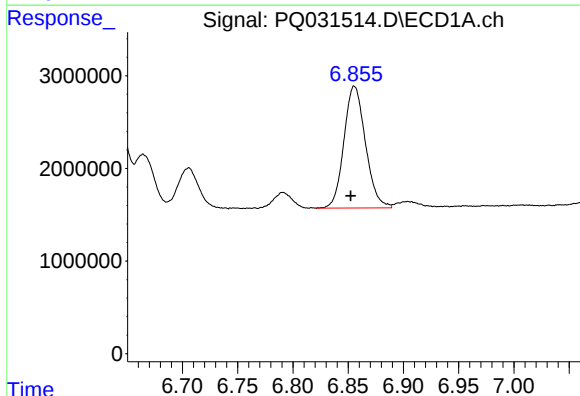
R.T.: 6.904 min
Delta R.T.: 0.005 min
Response: 1063556
Conc: 15.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



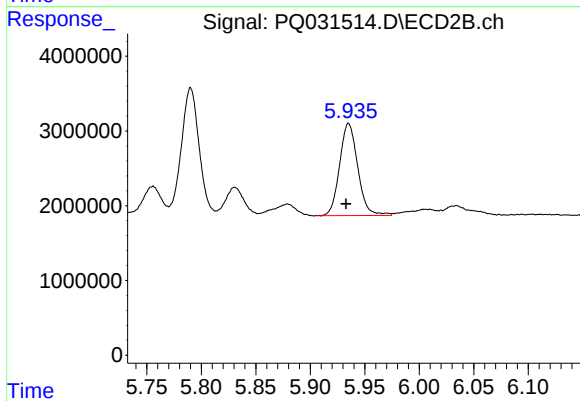
#25 AR-1248-5

R.T.: 6.357 min
Delta R.T.: 0.015 min
Response: 34369430
Conc: 593.58 ng/ml



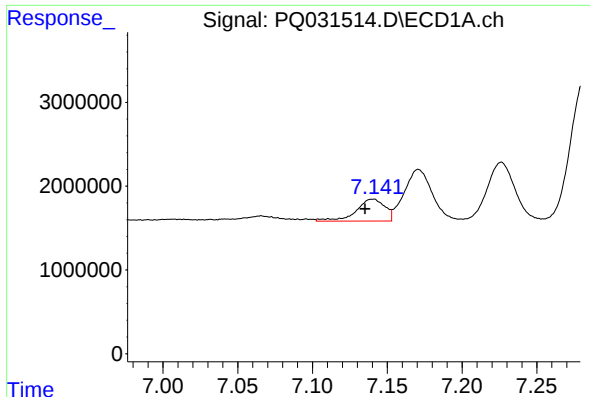
#26 AR-1254-1

R.T.: 6.856 min
Delta R.T.: 0.003 min
Response: 17825952
Conc: 95.60 ng/ml



#26 AR-1254-1

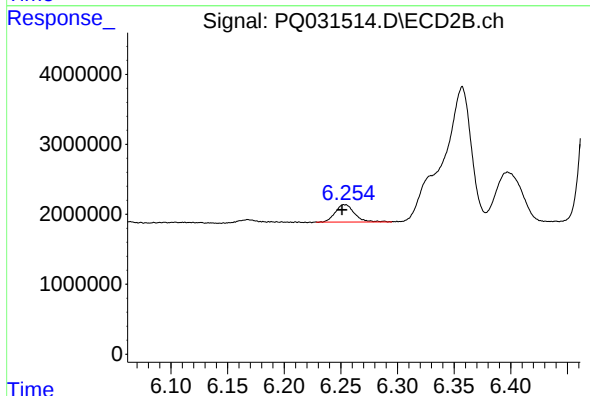
R.T.: 5.935 min
Delta R.T.: 0.002 min
Response: 14329656
Conc: 117.77 ng/ml



#27 AR-1254-2

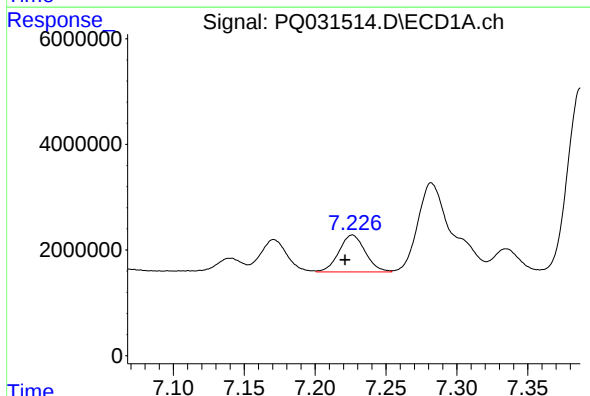
R.T.: 7.140 min
Delta R.T.: 0.005 min
Response: 3538221
Conc: 30.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



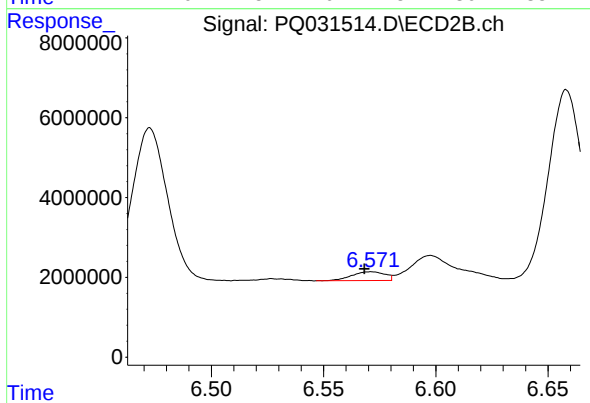
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 2926018
Conc: 28.26 ng/ml



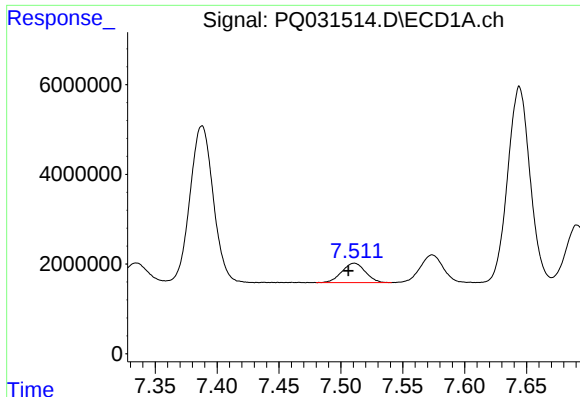
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.005 min
Response: 9074718
Conc: 43.39 ng/ml



#28 AR-1254-3

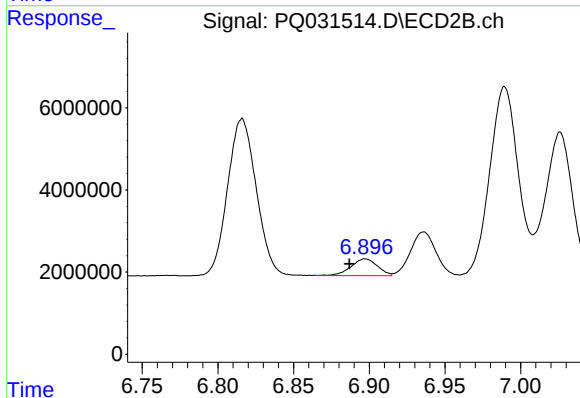
R.T.: 6.571 min
Delta R.T.: 0.003 min
Response: 2211938
Conc: 16.69 ng/ml



#29 AR-1254-4

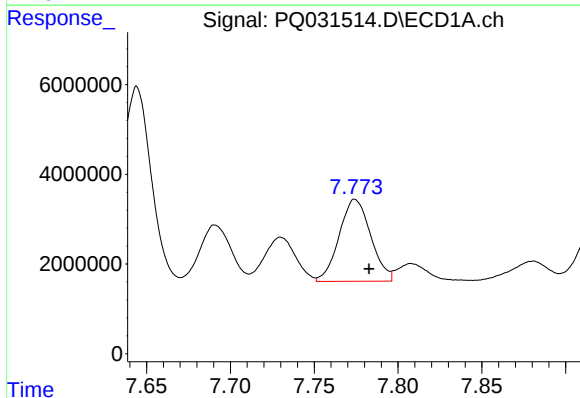
R.T.: 7.511 min
Delta R.T.: 0.005 min
Response: 5718640
Conc: 37.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



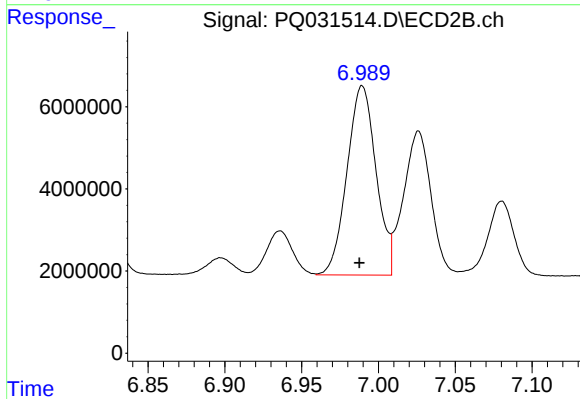
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: 0.010 min
Response: 4962436
Conc: 52.97 ng/ml



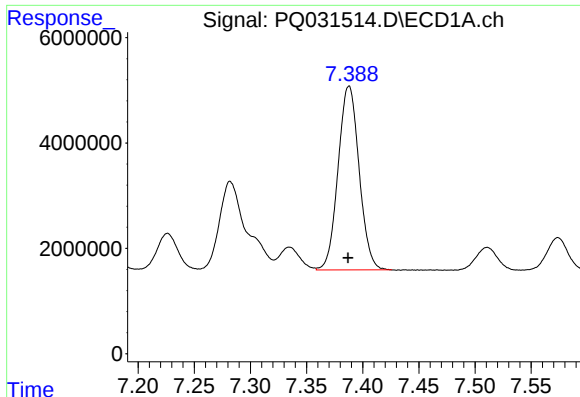
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: -0.008 min
Response: 24040432
Conc: 206.33 ng/ml



#30 AR-1254-5

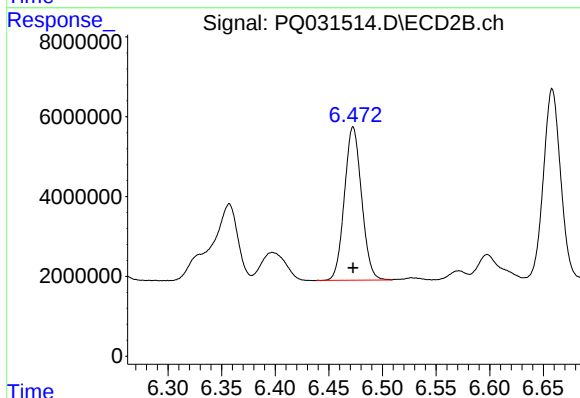
R.T.: 6.989 min
Delta R.T.: 0.002 min
Response: 60677562
Conc: 319.33 ng/ml



#31 AR-1260-1

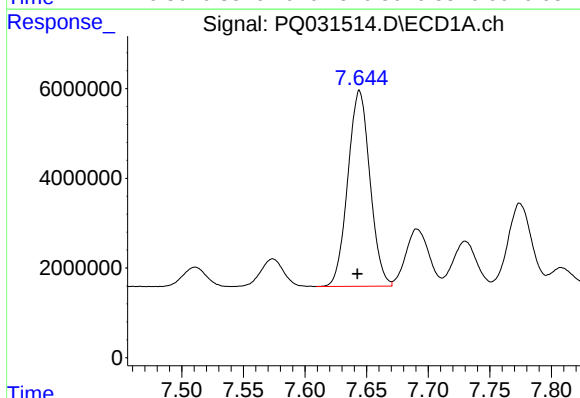
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 45507284
Conc: 308.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



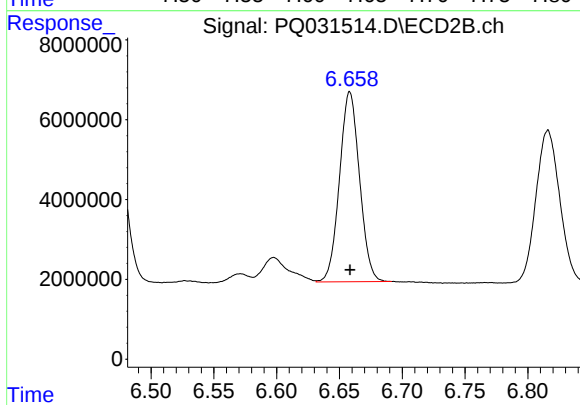
#31 AR-1260-1

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 42812608
Conc: 328.14 ng/ml



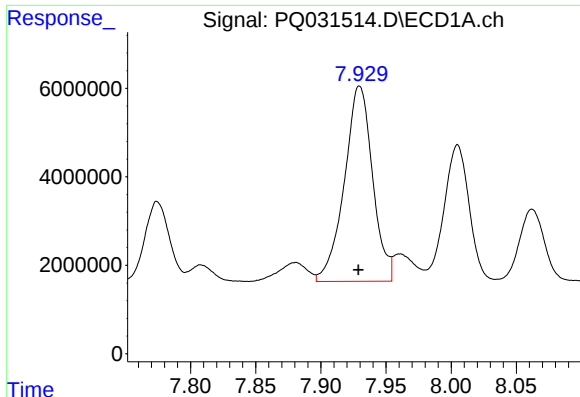
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 54607827
Conc: 304.32 ng/ml



#32 AR-1260-2

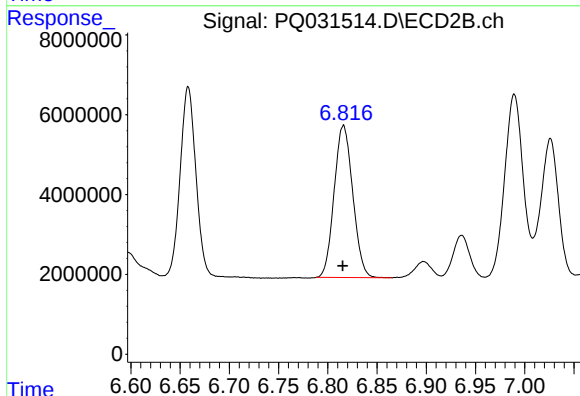
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 52846270
Conc: 331.25 ng/ml



#33 AR-1260-3

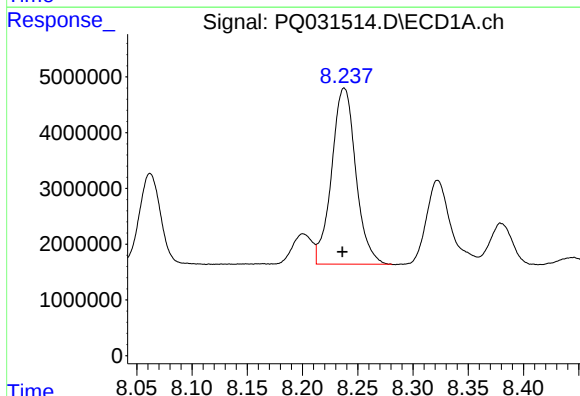
R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 66620019
Conc: 307.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



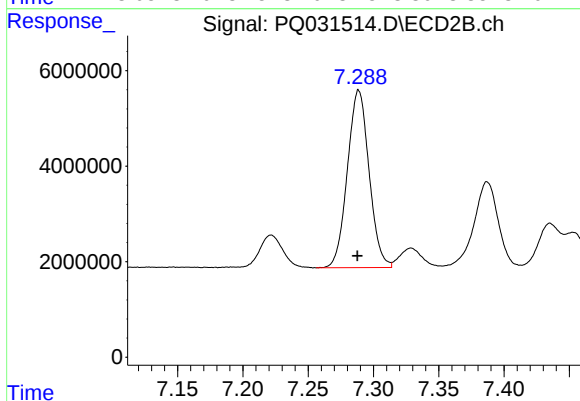
#33 AR-1260-3

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 50070249
Conc: 332.13 ng/ml



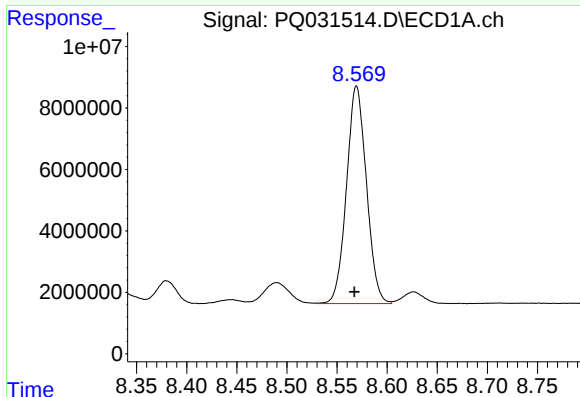
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: 0.002 min
Response: 48173305
Conc: 304.35 ng/ml



#34 AR-1260-4

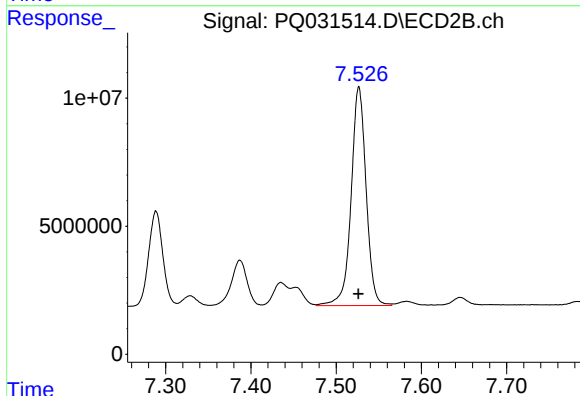
R.T.: 7.289 min
Delta R.T.: 0.001 min
Response: 42945771
Conc: 342.49 ng/ml



#35 AR-1260-5

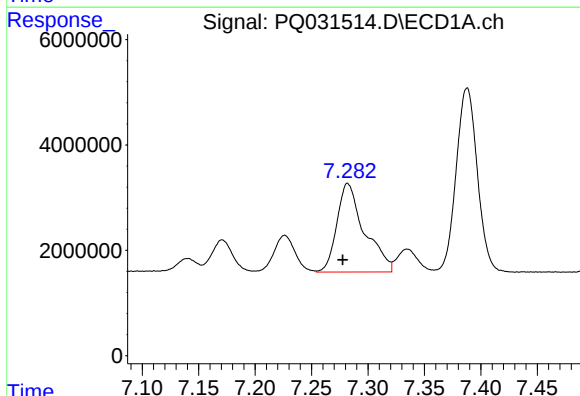
R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 97913150
Conc: 304.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



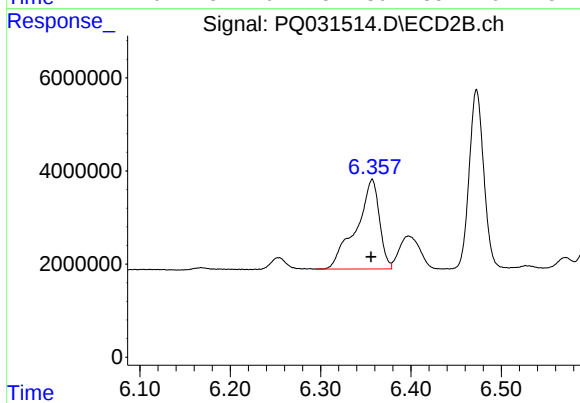
#35 AR-1260-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 104404211
Conc: 345.38 ng/ml



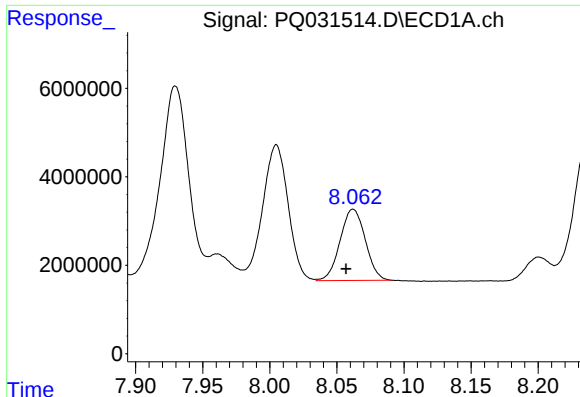
#36 AR-1262-1

R.T.: 7.282 min
Delta R.T.: 0.005 min
Response: 28574759
Conc: 352.53 ng/ml



#36 AR-1262-1

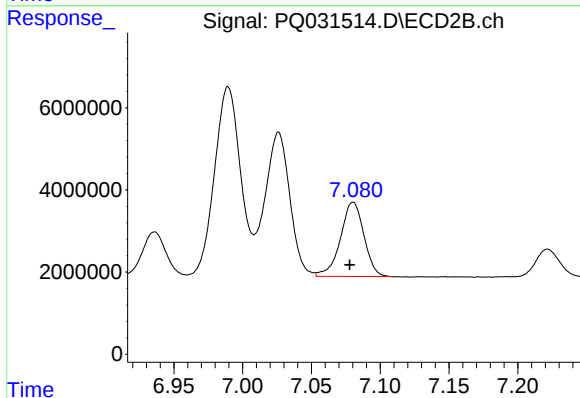
R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 34369430
Conc: 459.44 ng/ml



#37 AR-1262-2

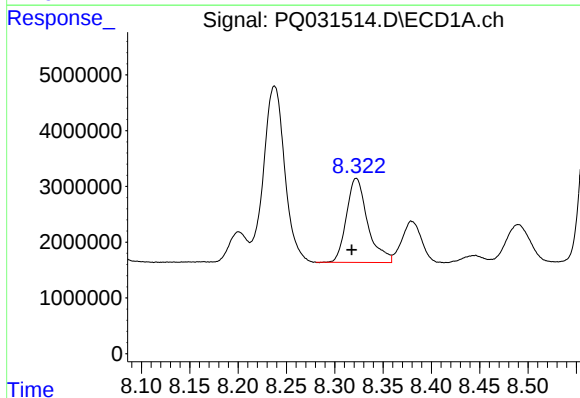
R.T.: 8.062 min
Delta R.T.: 0.005 min
Response: 21104257
Conc: 259.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



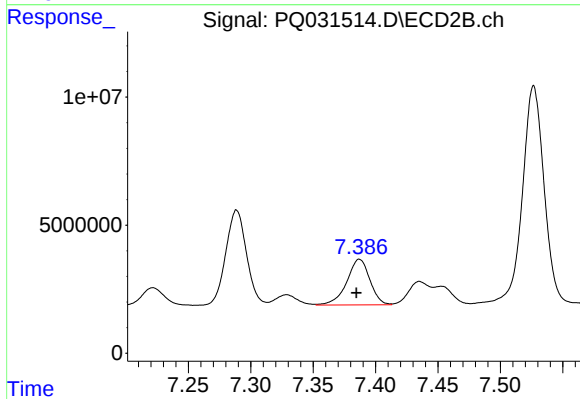
#37 AR-1262-2

R.T.: 7.080 min
Delta R.T.: 0.002 min
Response: 21474814
Conc: 293.85 ng/ml



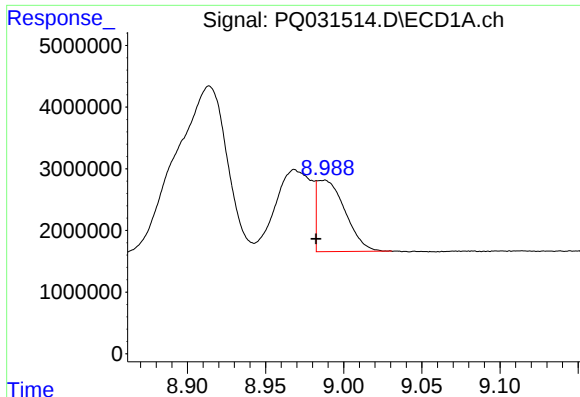
#38 AR-1262-3

R.T.: 8.322 min
Delta R.T.: 0.005 min
Response: 23009376
Conc: 254.49 ng/ml



#38 AR-1262-3

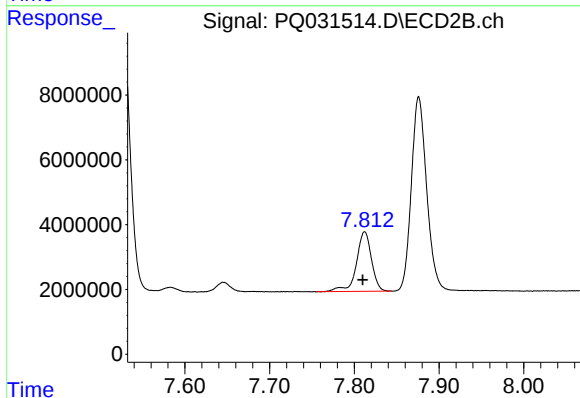
R.T.: 7.387 min
Delta R.T.: 0.002 min
Response: 23008087
Conc: 303.88 ng/ml



#39 AR-1262-4

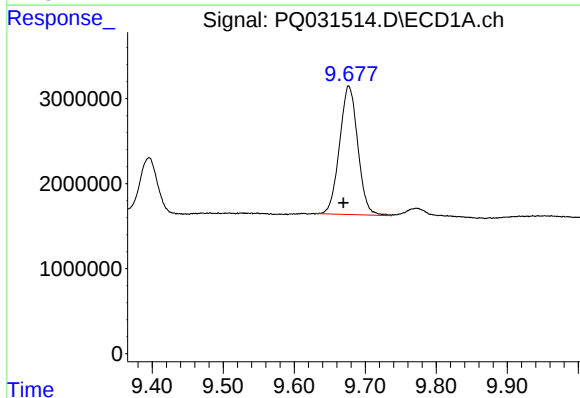
R.T.: 8.987 min
Delta R.T.: 0.005 min
Response: 14493823
Conc: 79.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



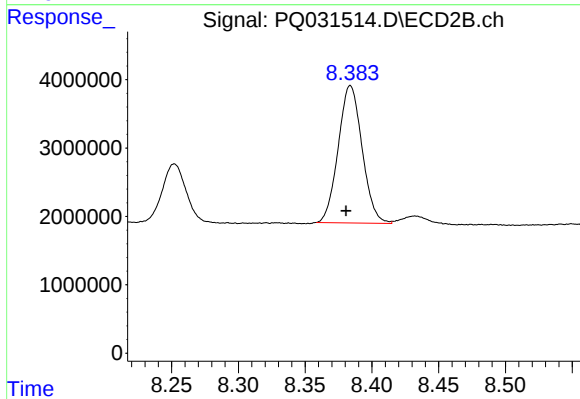
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: 0.002 min
Response: 22776051
Conc: 161.87 ng/ml



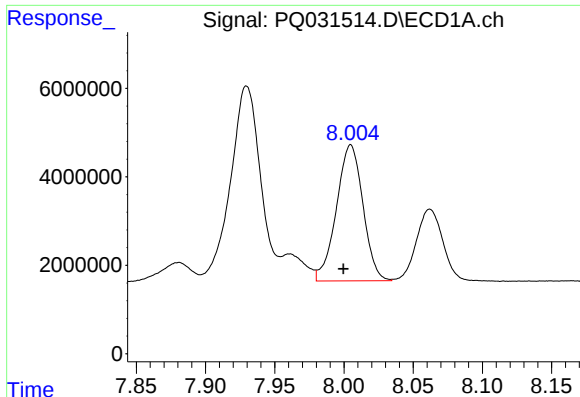
#40 AR-1262-5

R.T.: 9.677 min
Delta R.T.: 0.008 min
Response: 26960594
Conc: 209.26 ng/ml



#40 AR-1262-5

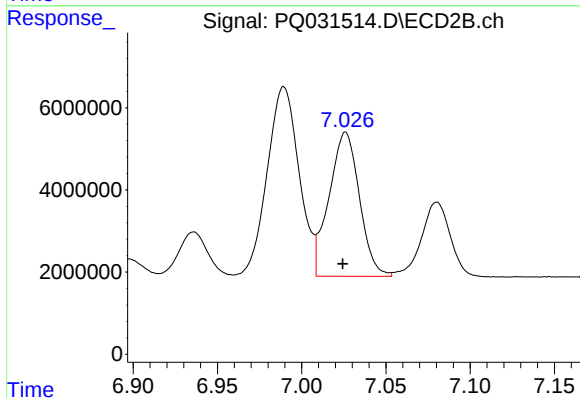
R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 25017259
Conc: 226.35 ng/ml



#41 AR-1268-1

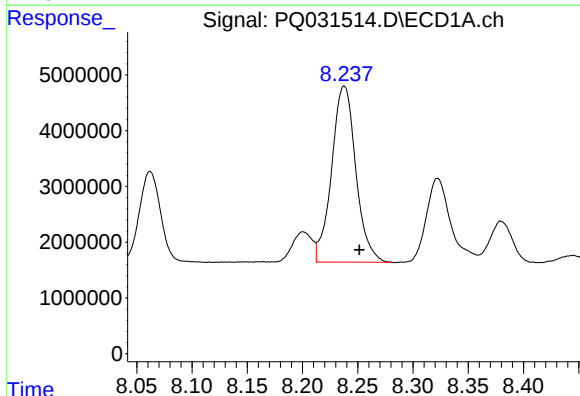
R.T.: 8.005 min
Delta R.T.: 0.005 min
Response: 41045693
Conc: 453.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



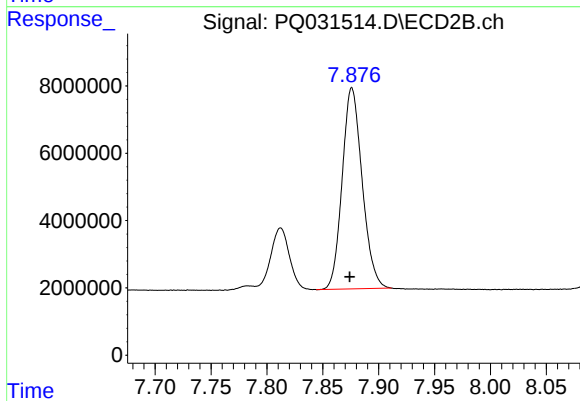
#41 AR-1268-1

R.T.: 7.026 min
Delta R.T.: 0.001 min
Response: 43973920
Conc: 532.02 ng/ml



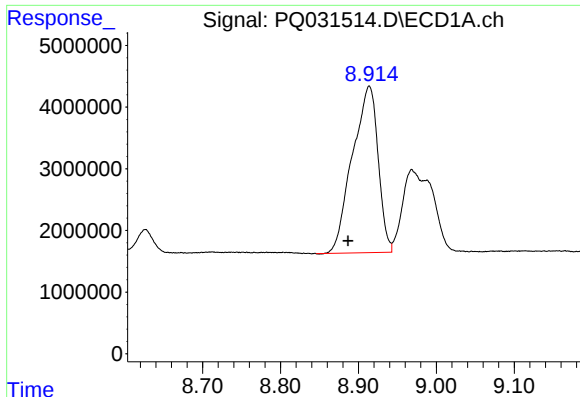
#42 AR-1268-2

R.T.: 8.238 min
Delta R.T.: -0.014 min
Response: 48173305
Conc: 406.41 ng/ml



#42 AR-1268-2

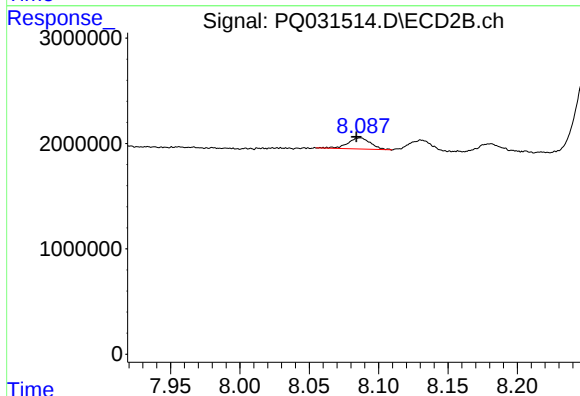
R.T.: 7.876 min
Delta R.T.: 0.002 min
Response: 74465564
Conc: 173.66 ng/ml



#43 AR-1268-3

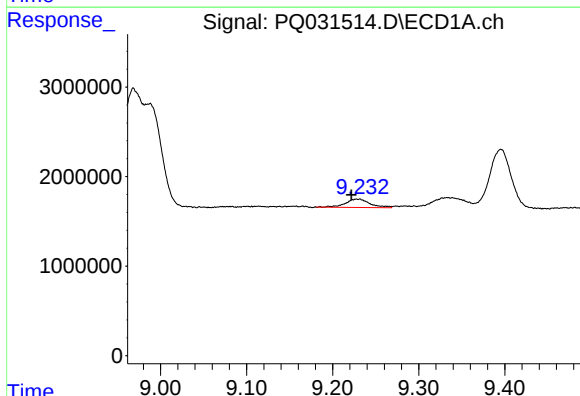
R.T.: 8.914 min
Delta R.T.: 0.027 min
Response: 61876180
Conc: 120.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



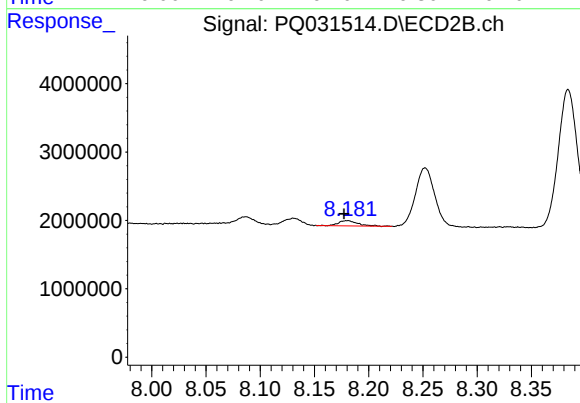
#43 AR-1268-3

R.T.: 8.086 min
Delta R.T.: 0.002 min
Response: 1196441
Conc: 3.33 ng/ml



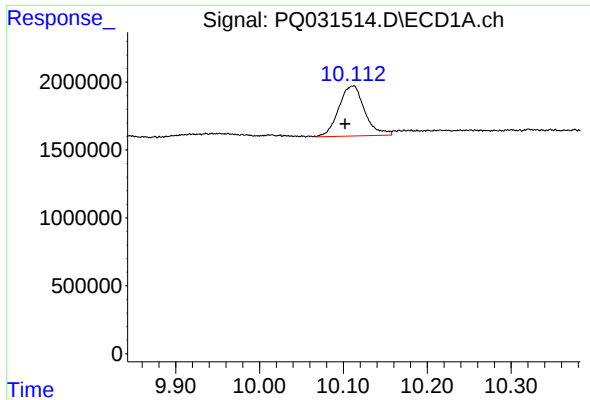
#44 AR-1268-4

R.T.: 9.228 min
Delta R.T.: 0.006 min
Response: 1820109
Conc: 4.61 ng/ml



#44 AR-1268-4

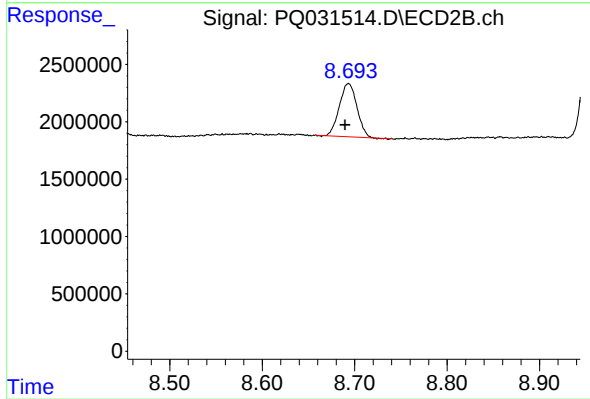
R.T.: 8.180 min
Delta R.T.: 0.003 min
Response: 951984
Conc: 9.94 ng/ml



#45 AR-1268-5

R.T.: 10.111 min
Delta R.T.: 0.009 min
Response: 7897106
Conc: 6.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



#45 AR-1268-5

R.T.: 8.693 min
Delta R.T.: 0.004 min
Response: 6067578
Conc: 5.64 ng/ml