

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100418\
 Data File : PQ032654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2018 00:36
 Operator : SM\SJ
 Sample : AR1262CCC400
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 03:43:30 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092618CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 27 08:45:59 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...	4.586	3.865	35218533	26916711	22.902	23.326
2)	SA Decachlor...	10.436	8.932	75489654	71056686	32.643	35.510
Target Compounds							
3)	L1 AR-1016-1	5.786	4.980	1159570	641621	19.035	12.477 #
4)	L1 AR-1016-2	5.786	4.980	1159570	641621	12.636	8.745 #
5)	L1 AR-1016-3	5.850	5.159	864480	317199	15.114	8.859 #
6)	L1 AR-1016-4	5.950	5.195	559998	646556	11.966	19.923 #
7)	L1 AR-1016-5	6.242	5.417	809613	260403	16.143	5.974 #
9)	L2 AR-1221-2	4.898	0.000	525956	0	49.493	N.D. #
10)	L2 AR-1221-3	4.968	0.000	133871	0	3.436	N.D. #
11)	L3 AR-1232-1	4.968	0.000	133871	0	5.408	N.D. #
12)	L3 AR-1232-2	5.494	4.980	1137949	641621	76.885	26.114 #
13)	L3 AR-1232-3	5.786	5.159	1159570	317199	37.792	27.307 #
14)	L3 AR-1232-4	5.950	5.242	559998	349155	36.397	29.276
15)	L3 AR-1232-5	6.036	5.417	670205	260403	60.487	18.813 #
16)	L4 AR-1242-1	5.762	4.980	636742	641621	12.906	15.274
17)	L4 AR-1242-2	5.786	4.980	1159570	641621	15.260	10.811 #
18)	L4 AR-1242-3	5.850	5.159	864480	317199	18.181	10.246 #
19)	L4 AR-1242-4	5.950	5.242	559998	349155	14.491	10.404 #
20)	L4 AR-1242-5	6.686	5.767	1679197	5317300	35.200	113.809 #
21)	L5 AR-1248-1	5.786	4.980	1159570	641621	26.225	16.939 #
22)	L5 AR-1248-2	6.036	5.195	670205	646556	10.014	12.233
23)	L5 AR-1248-3	6.242	5.242	809613	349155	10.218	6.349 #
24)	L5 AR-1248-4	6.686	5.417	1679197	260403	17.927	3.739 #
25)	L5 AR-1248-5	6.686	5.807	1679197	747483	18.722	10.057 #
26)	L6 AR-1254-1	6.622	5.767	7967697	5317300	82.965	46.656 #
27)	L6 AR-1254-2	6.837	5.912	7942379	5691752	51.092	55.525
28)	L6 AR-1254-3	7.208	6.333	4228251	23135449	23.985	125.168 #
29)	L6 AR-1254-4	7.493	6.548	2609651	935381	19.900	7.843 #
30)	L6 AR-1254-5	7.912	6.964	42853991	30326878	288.044	180.219 #
31)	L7 AR-1260-1	7.371	6.448	38184412	33338976	322.779	305.371
32)	L7 AR-1260-2	7.627	6.634	45039261	41036014	313.040	302.944
33)	L7 AR-1260-3	7.986	6.793	62583461	38950070	599.165	308.996 #
34)	L7 AR-1260-4	8.220	7.263	59068004	54429782	471.799	511.641
35)	L7 AR-1260-5	8.550	7.502	114.4E6	113.2E6	442.850	425.904
36)	L8 AR-1262-1	7.986	7.001	62583461	59230020	392.195	378.626
37)	L8 AR-1262-2	8.550	7.502	114.4E6	113.2E6	385.223	372.176
38)	L8 AR-1262-3	8.873	7.786	70481507	41626951	356.467	361.966
39)	L8 AR-1262-4	8.966	7.852	54371823	80558889	372.088	366.942
40)	L8 AR-1262-5	9.652	8.356	37405123	29920830	359.642	295.967
41)	L9 AR-1268-1	8.873	7.786	70481507	41626951	154.042	92.077 #
42)	L9 AR-1268-2	8.966	7.852	54371823	80558889	131.380	198.648 #

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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	9.207	8.059	3362222	2887031	9.500	8.579
44) L9	AR-1268-4	9.652	8.356	37405123	29920830	245.035	202.812
45) L9	AR-1268-5	10.084	8.663	14769995	12114473	13.058	11.416

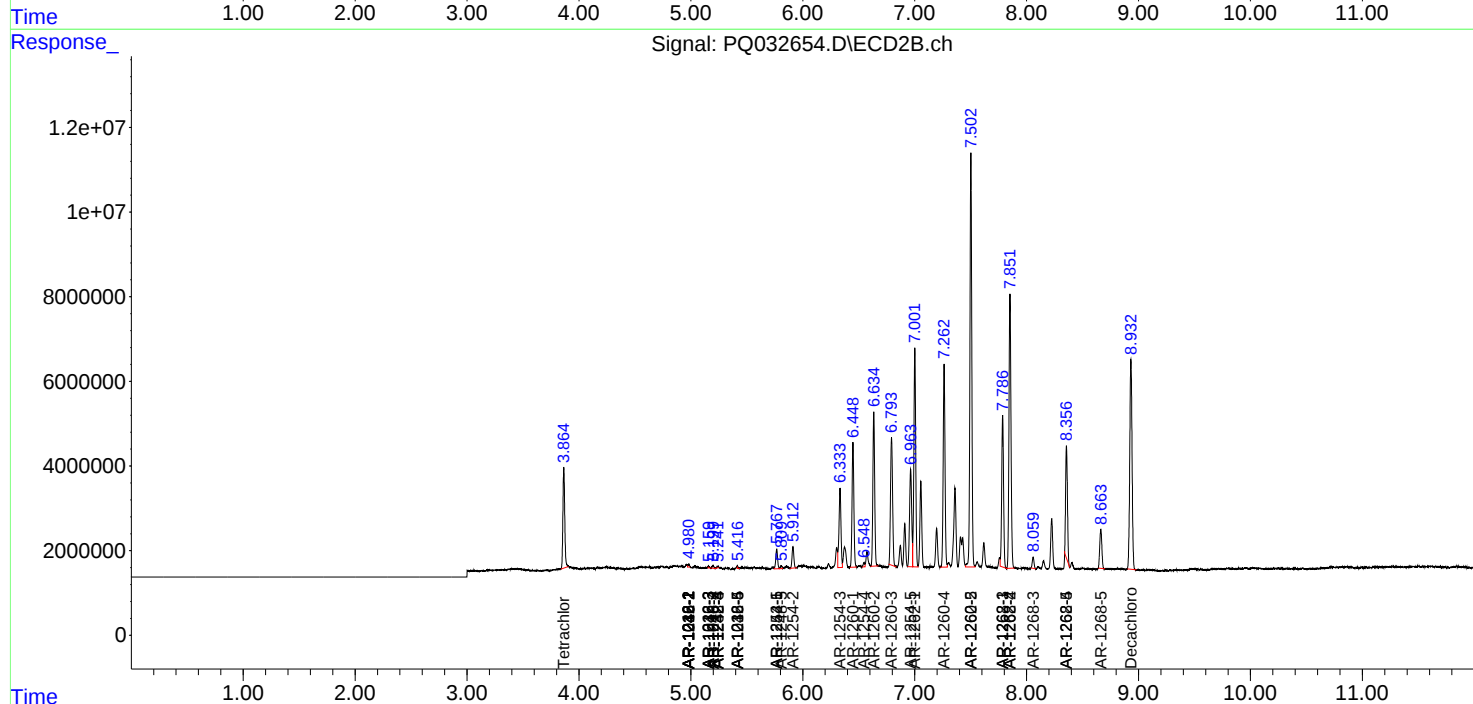
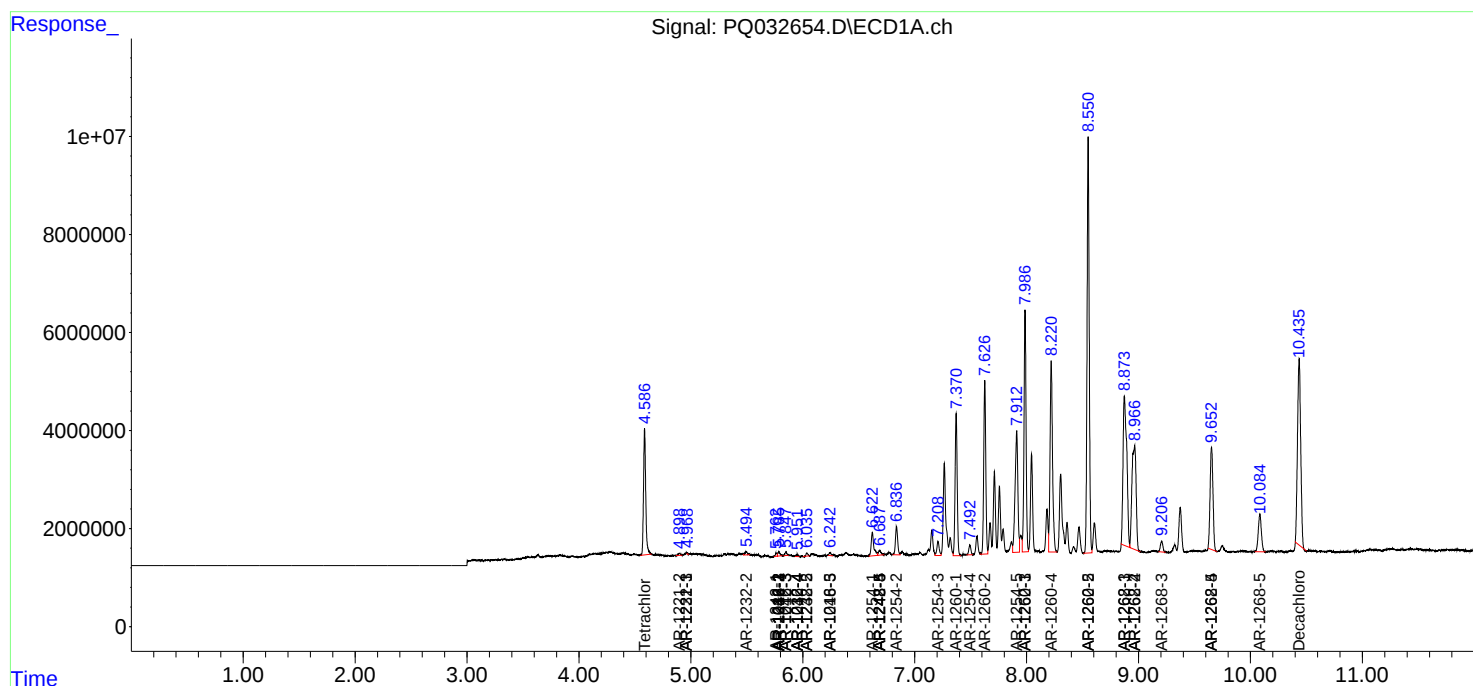
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

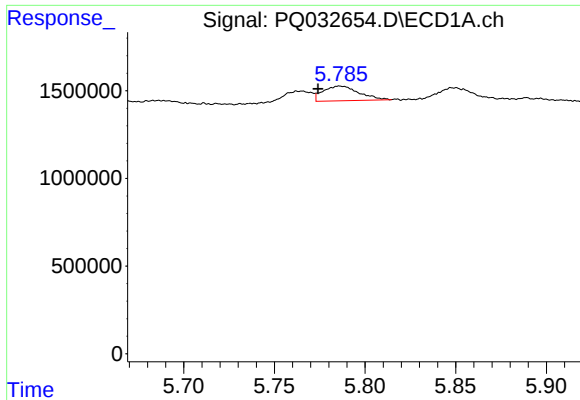
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

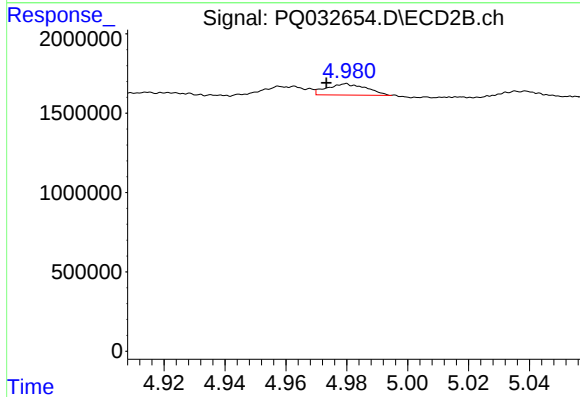




#3 AR-1016-1

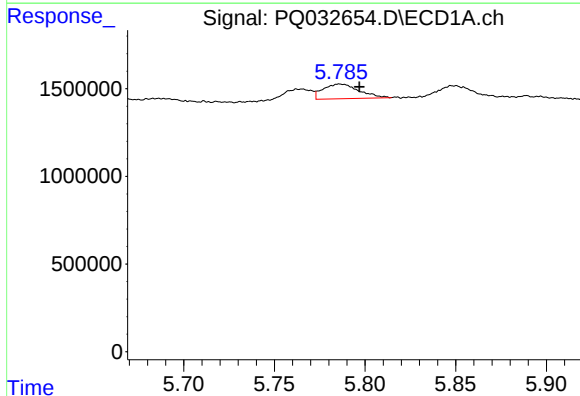
R.T.: 5.786 min
Delta R.T.: 0.012 min
Response: 1159570
Conc: 19.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



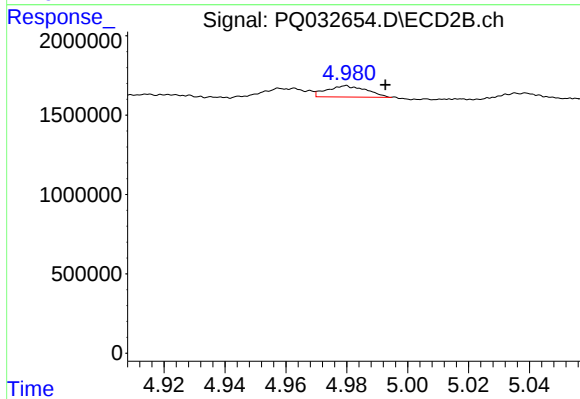
#3 AR-1016-1

R.T.: 4.980 min
Delta R.T.: 0.007 min
Response: 641621
Conc: 12.48 ng/ml



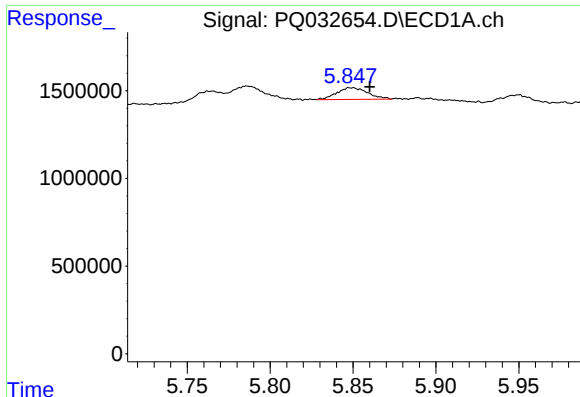
#4 AR-1016-2

R.T.: 5.786 min
Delta R.T.: -0.011 min
Response: 1159570
Conc: 12.64 ng/ml



#4 AR-1016-2

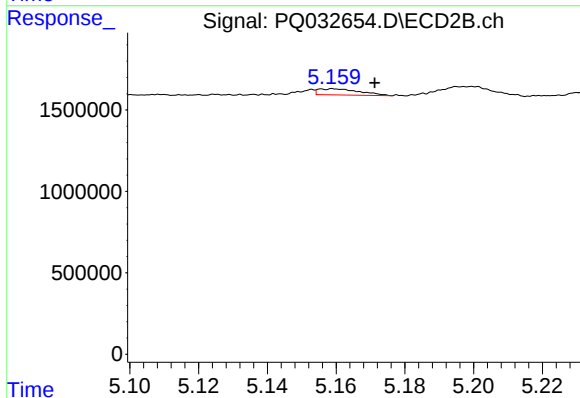
R.T.: 4.980 min
Delta R.T.: -0.013 min
Response: 641621
Conc: 8.74 ng/ml



#5 AR-1016-3

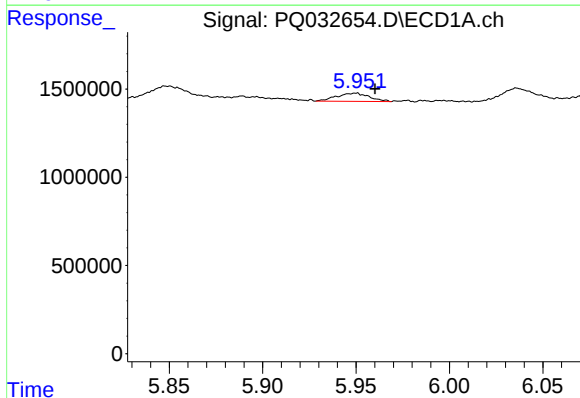
R.T.: 5.850 min
Delta R.T.: -0.010 min
Response: 864480
Conc: 15.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



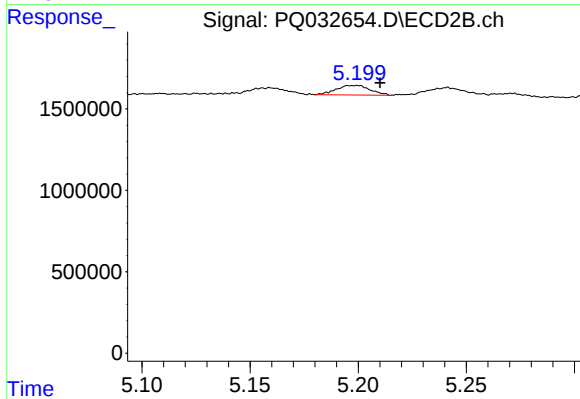
#5 AR-1016-3

R.T.: 5.159 min
Delta R.T.: -0.012 min
Response: 317199
Conc: 8.86 ng/ml



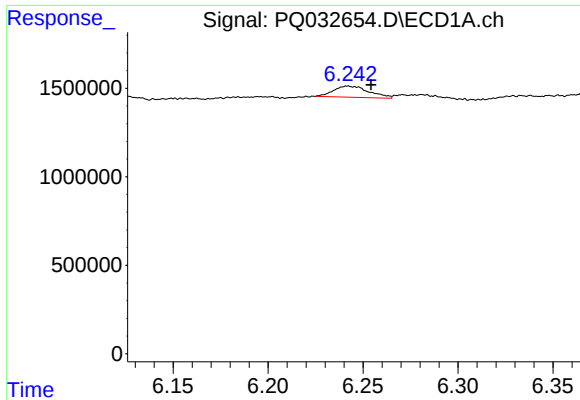
#6 AR-1016-4

R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 559998
Conc: 11.97 ng/ml



#6 AR-1016-4

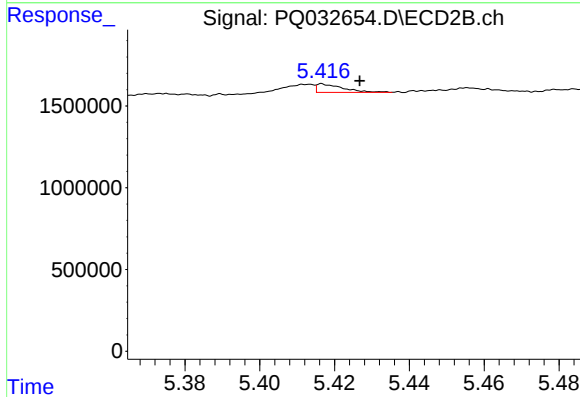
R.T.: 5.195 min
Delta R.T.: -0.015 min
Response: 646556
Conc: 19.92 ng/ml



#7 AR-1016-5

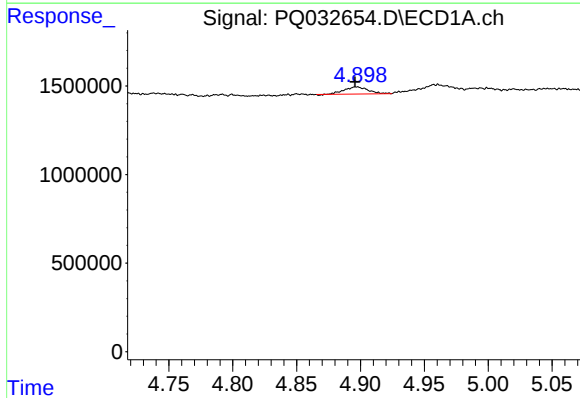
R.T.: 6.242 min
Delta R.T.: -0.012 min
Response: 809613
Conc: 16.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



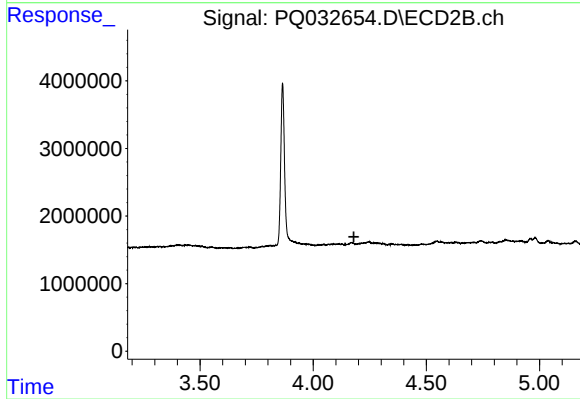
#7 AR-1016-5

R.T.: 5.417 min
Delta R.T.: -0.010 min
Response: 260403
Conc: 5.97 ng/ml



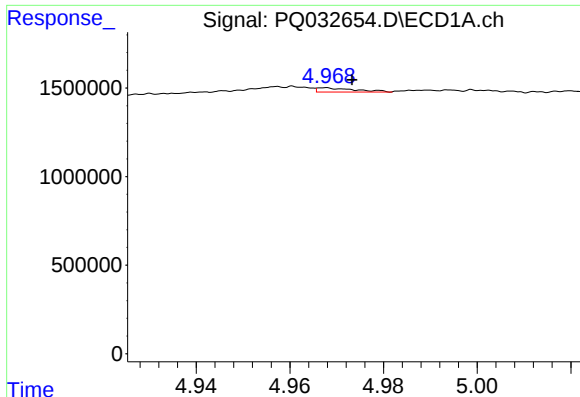
#9 AR-1221-2

R.T.: 4.898 min
Delta R.T.: 0.002 min
Response: 525956
Conc: 49.49 ng/ml



#9 AR-1221-2

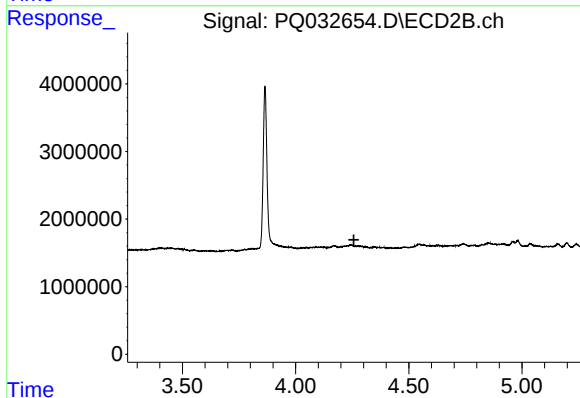
R.T.: 0.000 min
Exp R.T.: 4.180 min
Response: 0
Conc: N.D.



#10 AR-1221-3

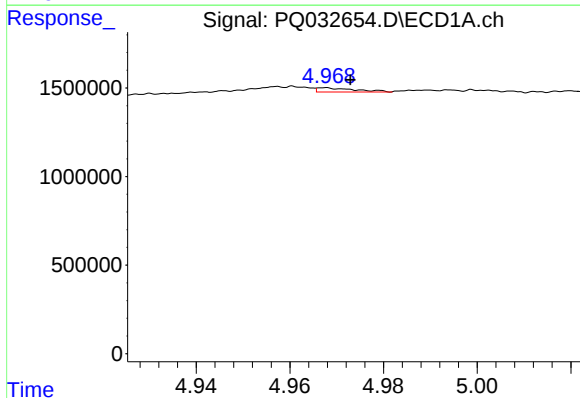
R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 133871
Conc: 3.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



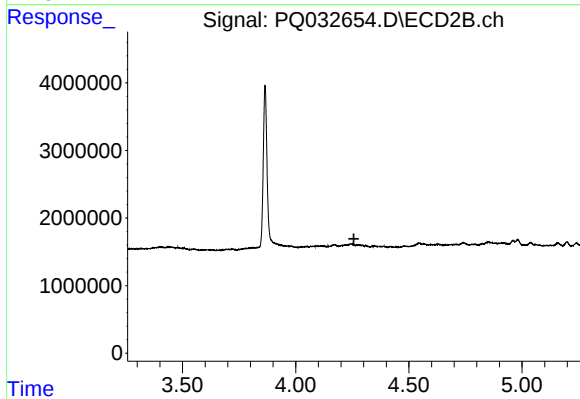
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.257 min
Response: 0
Conc: N.D.



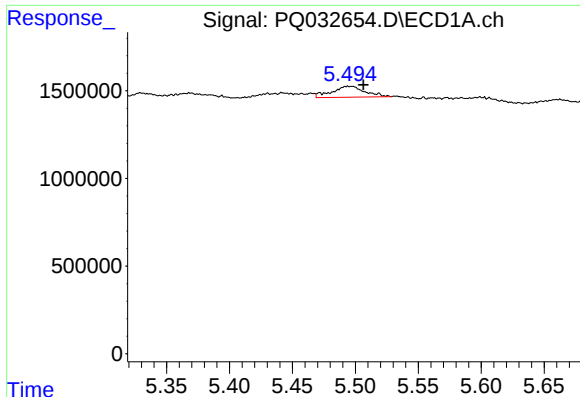
#11 AR-1232-1

R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 133871
Conc: 5.41 ng/ml



#11 AR-1232-1

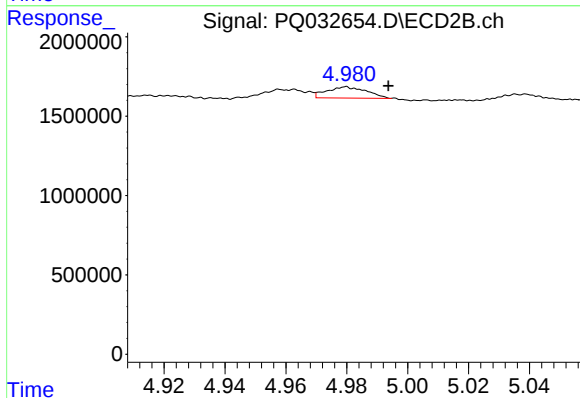
R.T.: 0.000 min
Exp R.T. : 4.257 min
Response: 0
Conc: N.D.



#12 AR-1232-2

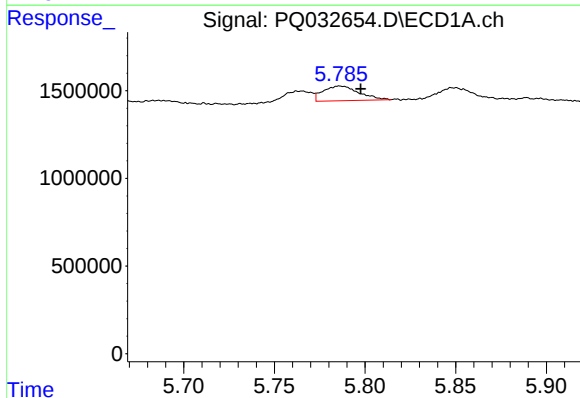
R.T.: 5.494 min
Delta R.T.: -0.012 min
Response: 1137949
Conc: 76.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



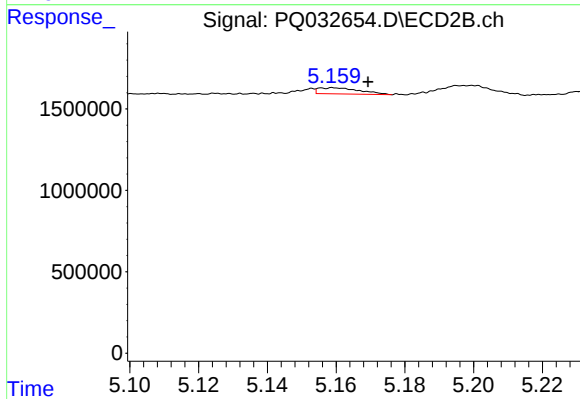
#12 AR-1232-2

R.T.: 4.980 min
Delta R.T.: -0.014 min
Response: 641621
Conc: 26.11 ng/ml



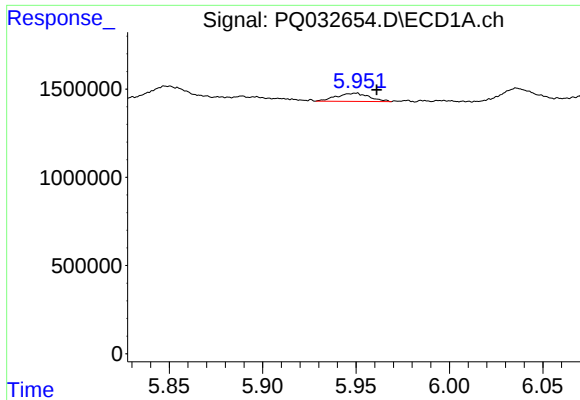
#13 AR-1232-3

R.T.: 5.786 min
Delta R.T.: -0.012 min
Response: 1159570
Conc: 37.79 ng/ml



#13 AR-1232-3

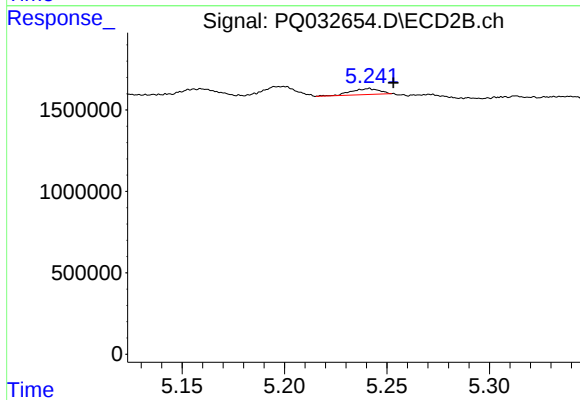
R.T.: 5.159 min
Delta R.T.: -0.010 min
Response: 317199
Conc: 27.31 ng/ml



#14 AR-1232-4

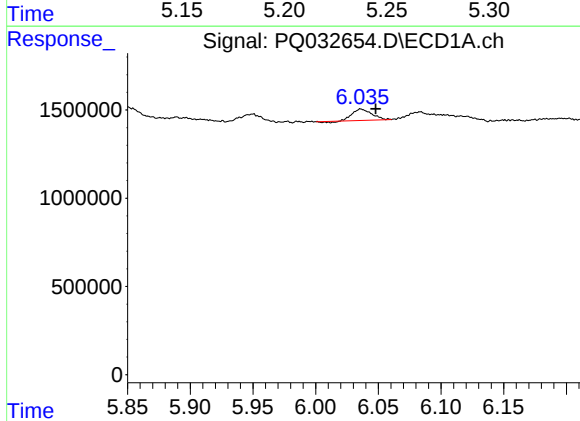
R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 559998
Conc: 36.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



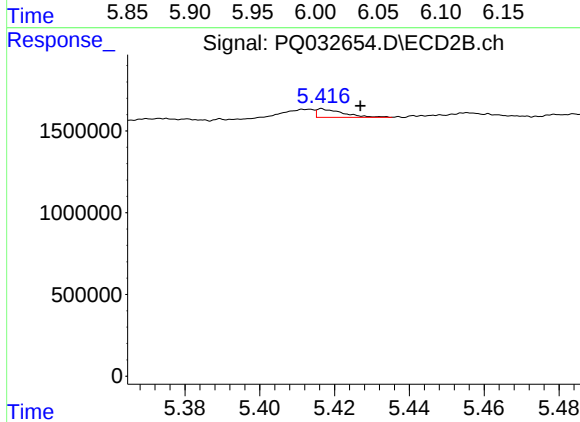
#14 AR-1232-4

R.T.: 5.242 min
Delta R.T.: -0.012 min
Response: 349155
Conc: 29.28 ng/ml



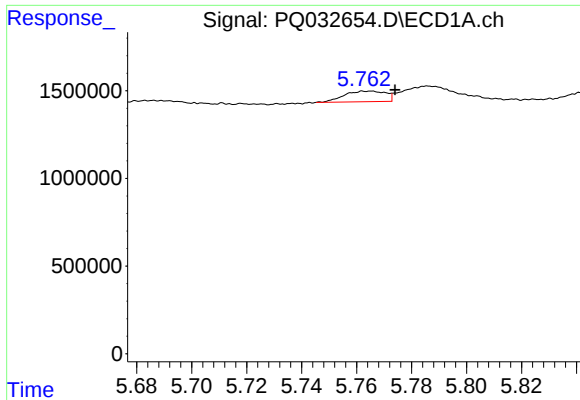
#15 AR-1232-5

R.T.: 6.036 min
Delta R.T.: -0.012 min
Response: 670205
Conc: 60.49 ng/ml



#15 AR-1232-5

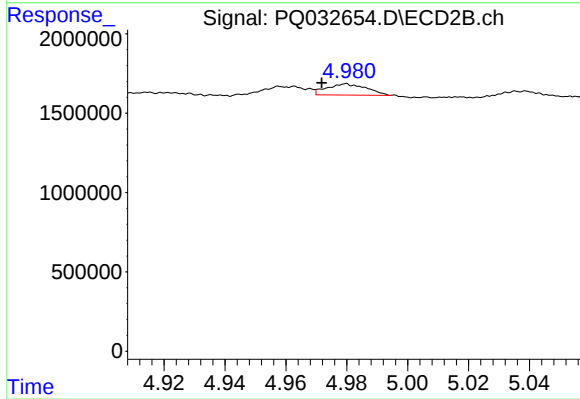
R.T.: 5.417 min
Delta R.T.: -0.010 min
Response: 260403
Conc: 18.81 ng/ml



#16 AR-1242-1

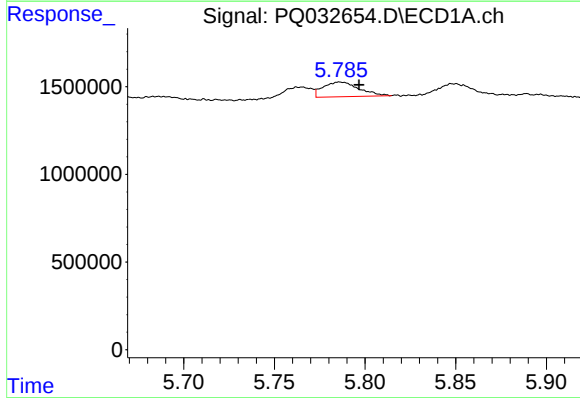
R.T.: 5.762 min
Delta R.T.: -0.012 min
Response: 636742
Conc: 12.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



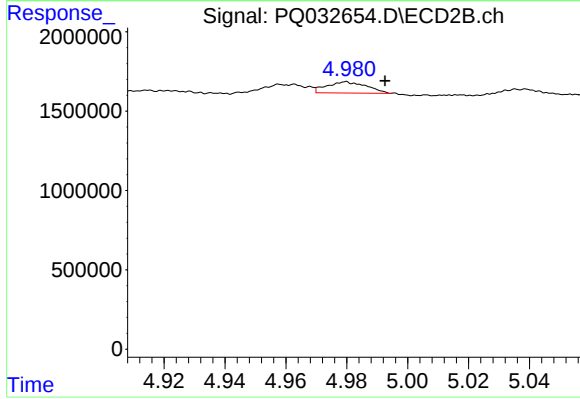
#16 AR-1242-1

R.T.: 4.980 min
Delta R.T.: 0.008 min
Response: 641621
Conc: 15.27 ng/ml



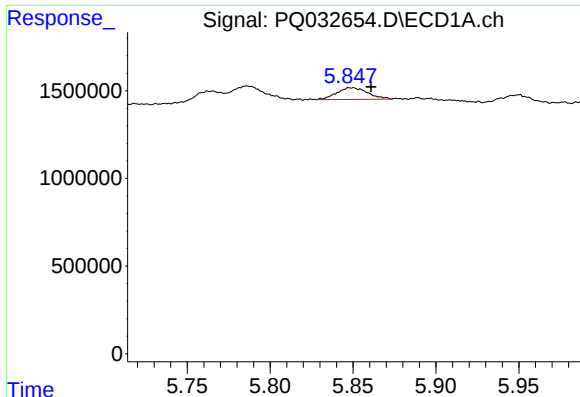
#17 AR-1242-2

R.T.: 5.786 min
Delta R.T.: -0.011 min
Response: 1159570
Conc: 15.26 ng/ml



#17 AR-1242-2

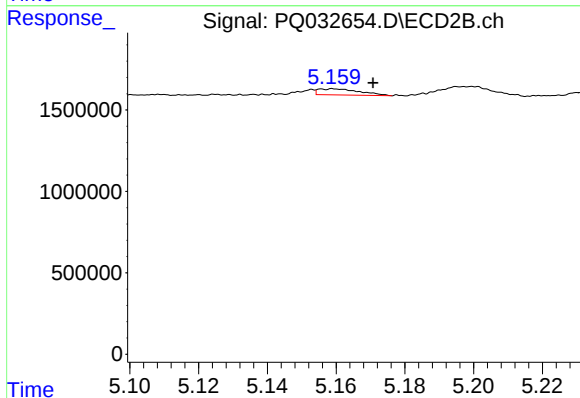
R.T.: 4.980 min
Delta R.T.: -0.013 min
Response: 641621
Conc: 10.81 ng/ml



#18 AR-1242-3

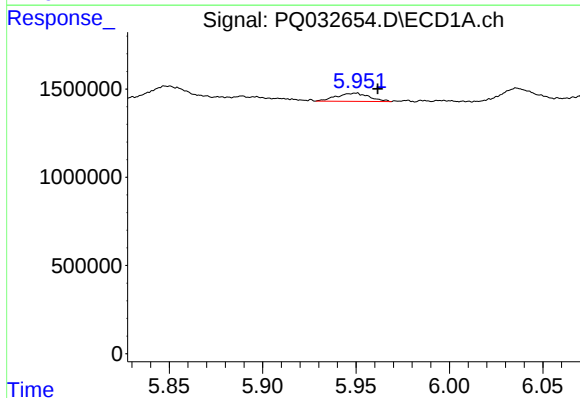
R.T.: 5.850 min
Delta R.T.: -0.011 min
Response: 864480
Conc: 18.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



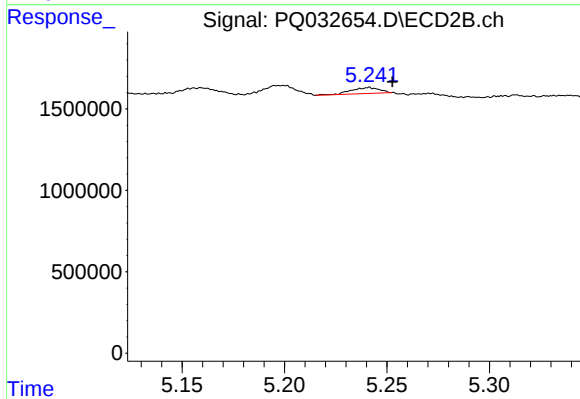
#18 AR-1242-3

R.T.: 5.159 min
Delta R.T.: -0.012 min
Response: 317199
Conc: 10.25 ng/ml



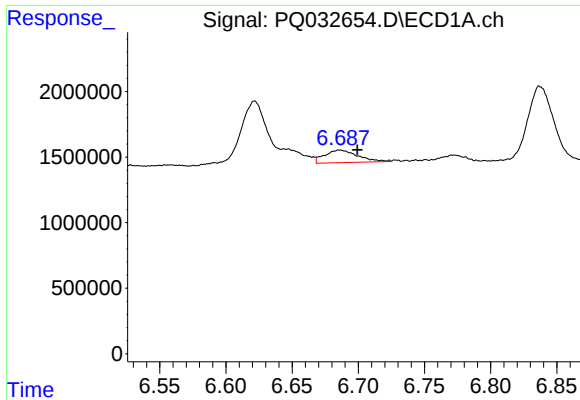
#19 AR-1242-4

R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 559998
Conc: 14.49 ng/ml



#19 AR-1242-4

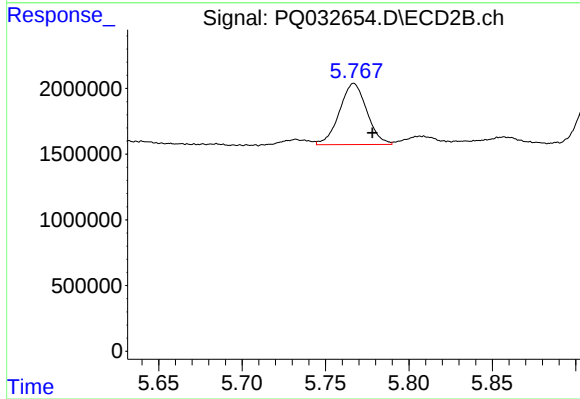
R.T.: 5.242 min
Delta R.T.: -0.011 min
Response: 349155
Conc: 10.40 ng/ml



#20 AR-1242-5

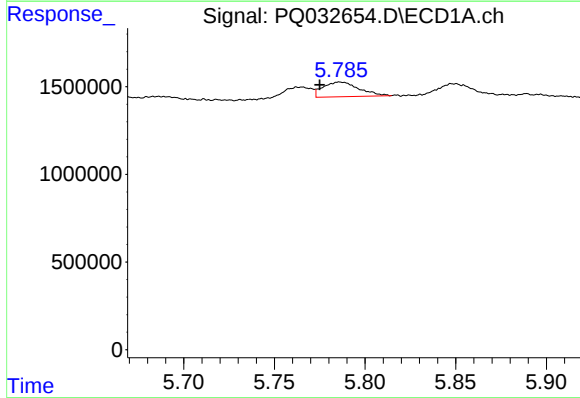
R.T.: 6.686 min
Delta R.T.: -0.013 min
Response: 1679197
Conc: 35.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



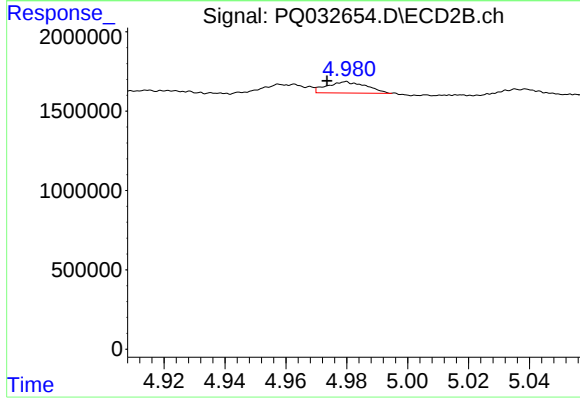
#20 AR-1242-5

R.T.: 5.767 min
Delta R.T.: -0.011 min
Response: 5317300
Conc: 113.81 ng/ml



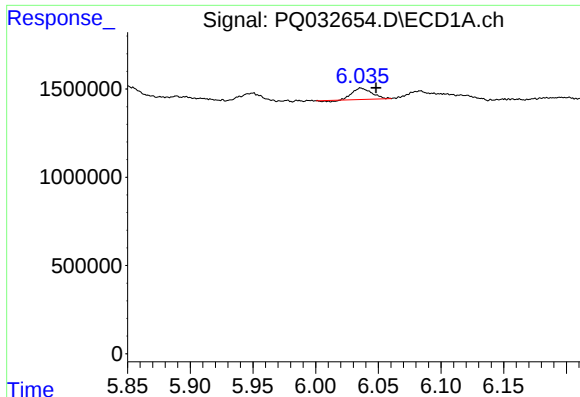
#21 AR-1248-1

R.T.: 5.786 min
Delta R.T.: 0.011 min
Response: 1159570
Conc: 26.23 ng/ml



#21 AR-1248-1

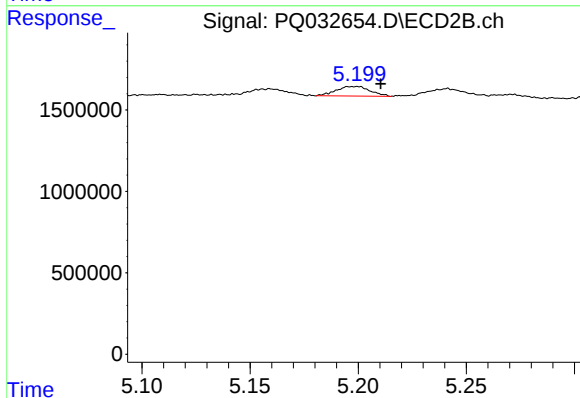
R.T.: 4.980 min
Delta R.T.: 0.007 min
Response: 641621
Conc: 16.94 ng/ml



#22 AR-1248-2

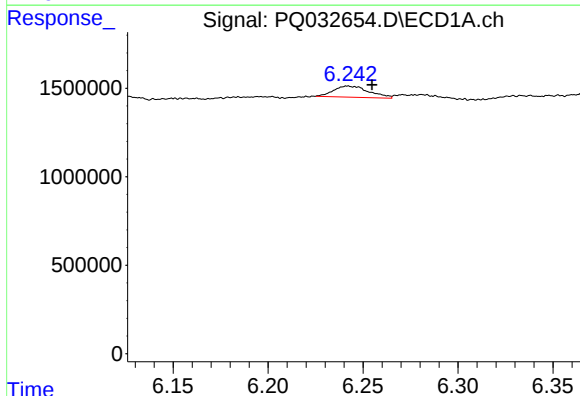
R.T.: 6.036 min
Delta R.T.: -0.012 min
Response: 670205
Conc: 10.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



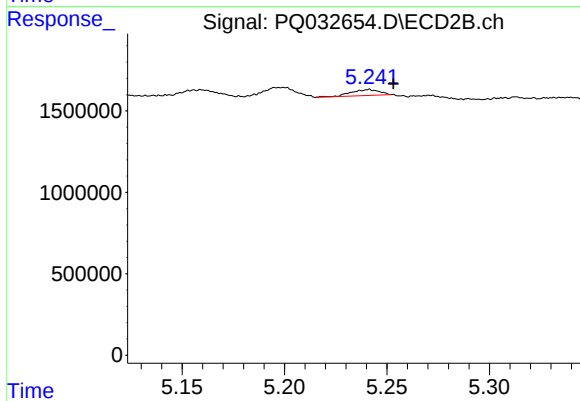
#22 AR-1248-2

R.T.: 5.195 min
Delta R.T.: -0.015 min
Response: 646556
Conc: 12.23 ng/ml



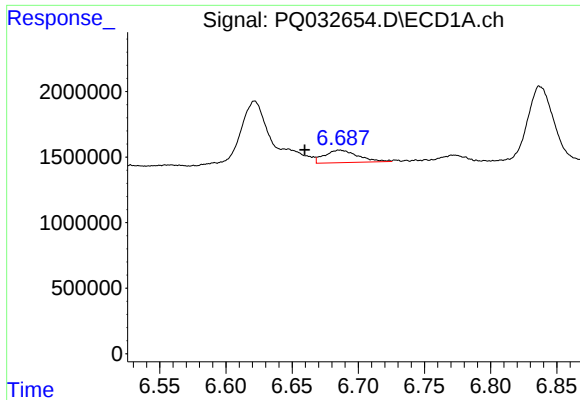
#23 AR-1248-3

R.T.: 6.242 min
Delta R.T.: -0.013 min
Response: 809613
Conc: 10.22 ng/ml



#23 AR-1248-3

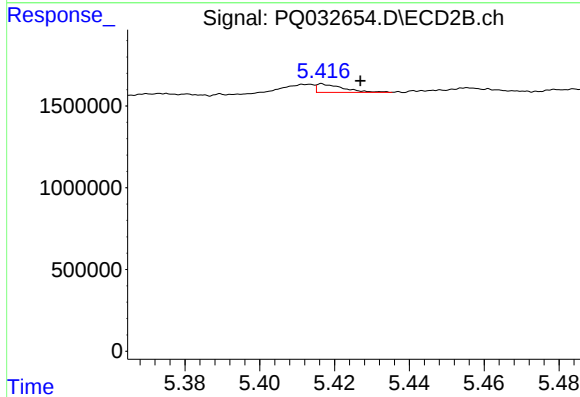
R.T.: 5.242 min
Delta R.T.: -0.011 min
Response: 349155
Conc: 6.35 ng/ml



#24 AR-1248-4

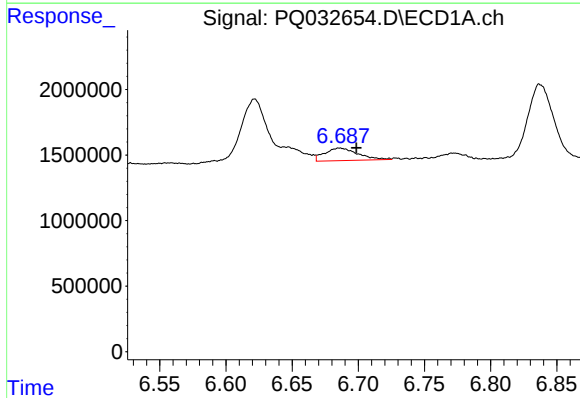
R.T.: 6.686 min
Delta R.T.: 0.026 min
Response: 1679197
Conc: 17.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



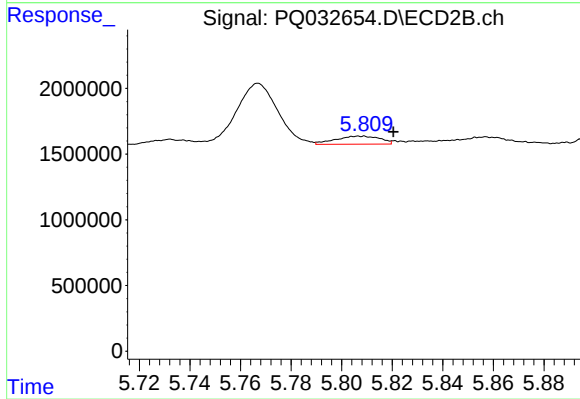
#24 AR-1248-4

R.T.: 5.417 min
Delta R.T.: -0.010 min
Response: 260403
Conc: 3.74 ng/ml



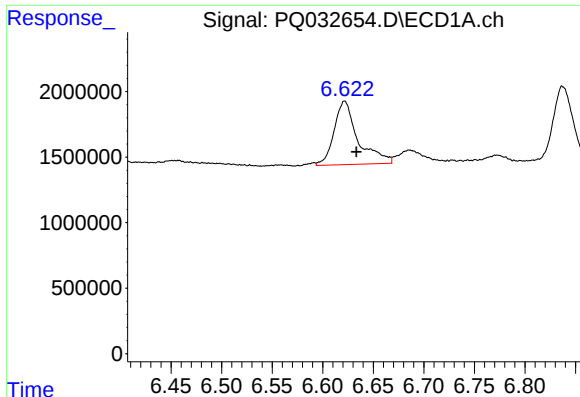
#25 AR-1248-5

R.T.: 6.686 min
Delta R.T.: -0.013 min
Response: 1679197
Conc: 18.72 ng/ml



#25 AR-1248-5

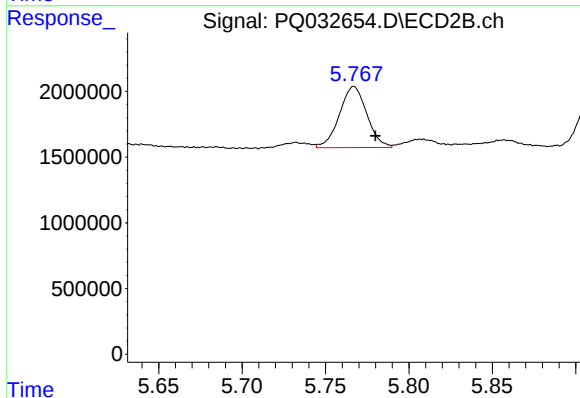
R.T.: 5.807 min
Delta R.T.: -0.014 min
Response: 747483
Conc: 10.06 ng/ml



#26 AR-1254-1

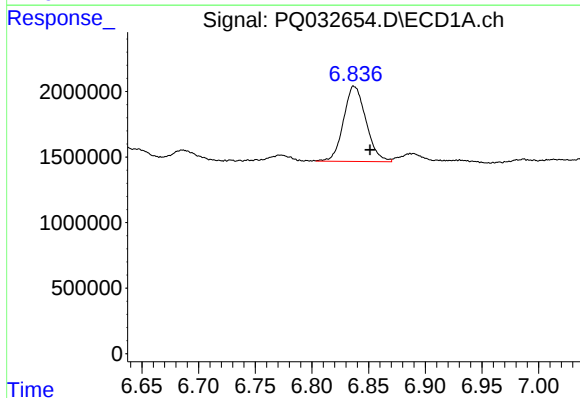
R.T.: 6.622 min
Delta R.T.: -0.011 min
Response: 7967697
Conc: 82.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



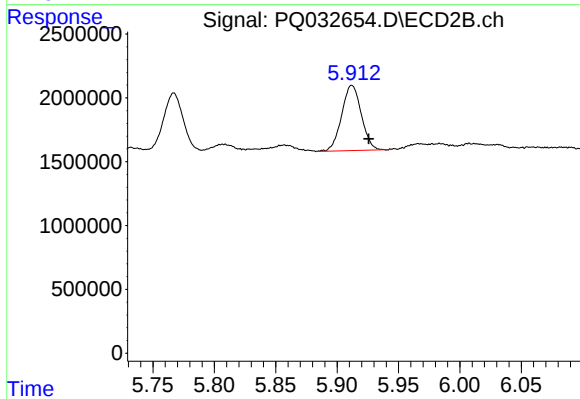
#26 AR-1254-1

R.T.: 5.767 min
Delta R.T.: -0.013 min
Response: 5317300
Conc: 46.66 ng/ml



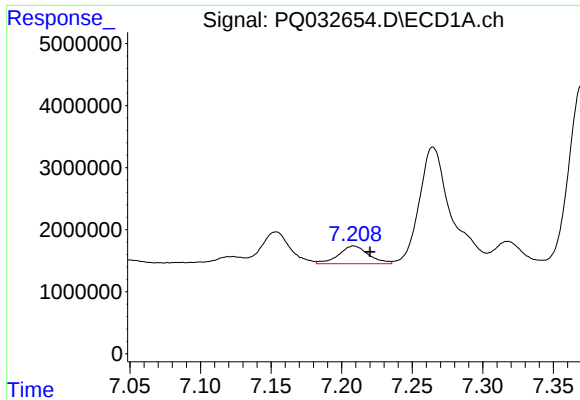
#27 AR-1254-2

R.T.: 6.837 min
Delta R.T.: -0.014 min
Response: 7942379
Conc: 51.09 ng/ml



#27 AR-1254-2

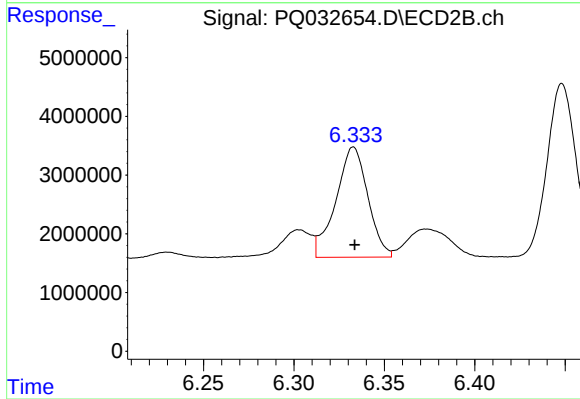
R.T.: 5.912 min
Delta R.T.: -0.014 min
Response: 5691752
Conc: 55.53 ng/ml



#28 AR-1254-3

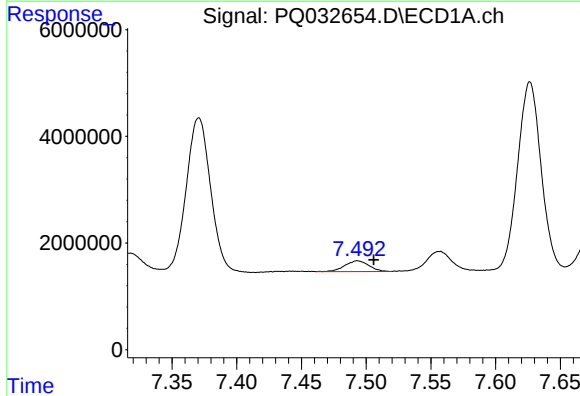
R.T.: 7.208 min
Delta R.T.: -0.012 min
Response: 4228251
Conc: 23.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



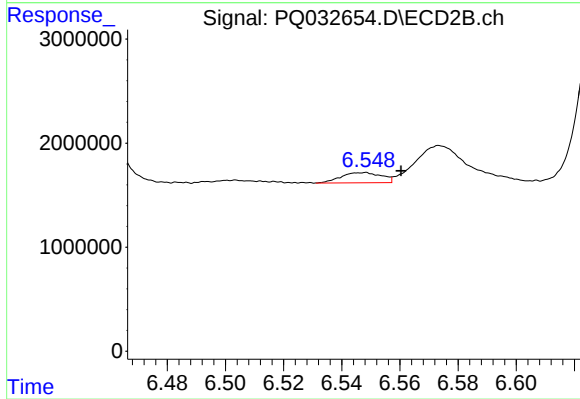
#28 AR-1254-3

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 23135449
Conc: 125.17 ng/ml



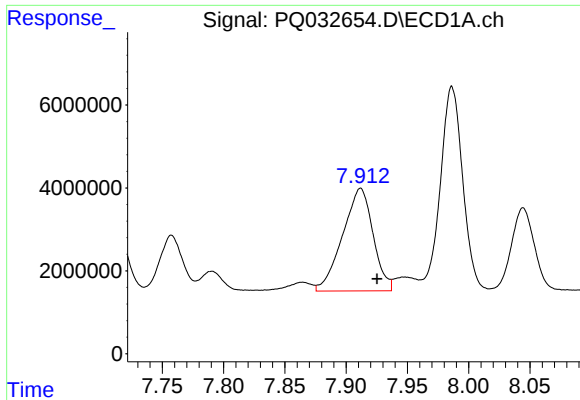
#29 AR-1254-4

R.T.: 7.493 min
Delta R.T.: -0.013 min
Response: 2609651
Conc: 19.90 ng/ml



#29 AR-1254-4

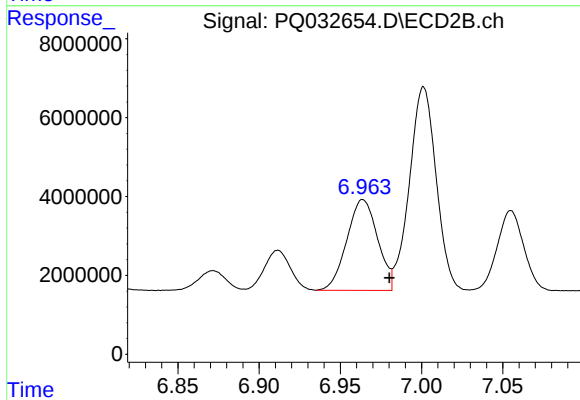
R.T.: 6.548 min
Delta R.T.: -0.012 min
Response: 935381
Conc: 7.84 ng/ml



#30 AR-1254-5

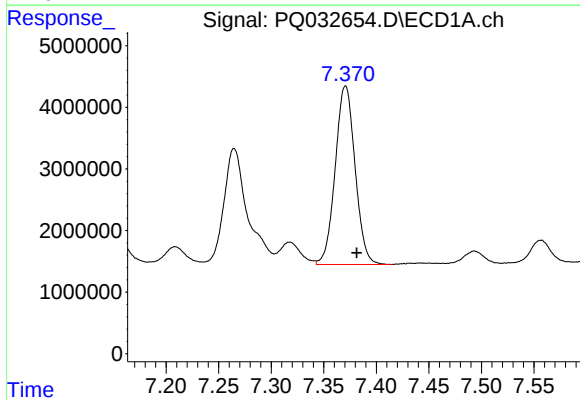
R.T.: 7.912 min
Delta R.T.: -0.013 min
Response: 42853991
Conc: 288.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



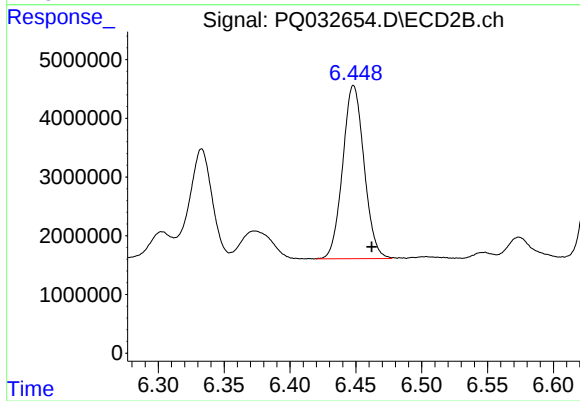
#30 AR-1254-5

R.T.: 6.964 min
Delta R.T.: -0.016 min
Response: 30326878
Conc: 180.22 ng/ml



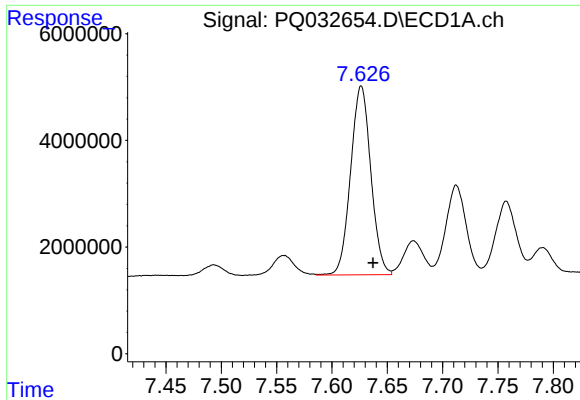
#31 AR-1260-1

R.T.: 7.371 min
Delta R.T.: -0.010 min
Response: 38184412
Conc: 322.78 ng/ml



#31 AR-1260-1

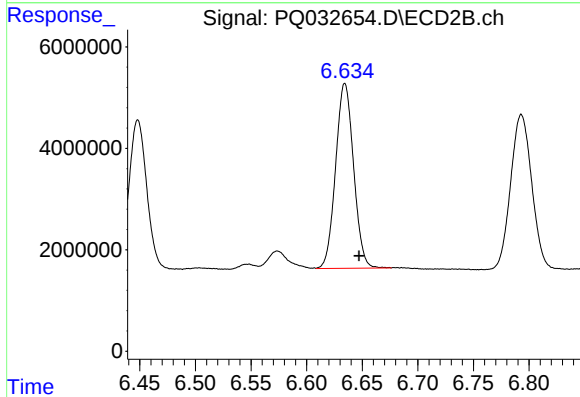
R.T.: 6.448 min
Delta R.T.: -0.014 min
Response: 33338976
Conc: 305.37 ng/ml



#32 AR-1260-2

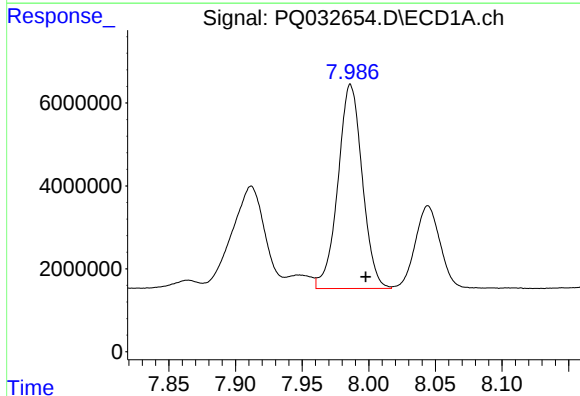
R.T.: 7.627 min
Delta R.T.: -0.011 min
Response: 45039261
Conc: 313.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



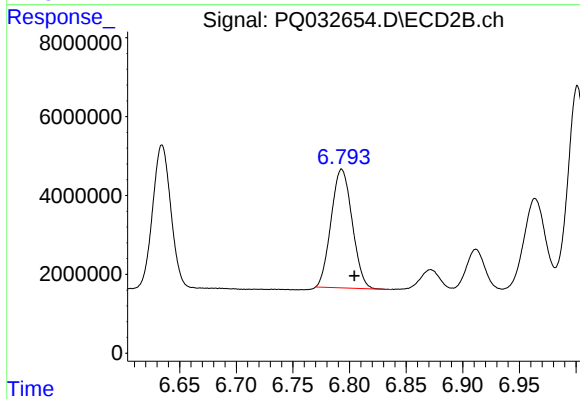
#32 AR-1260-2

R.T.: 6.634 min
Delta R.T.: -0.013 min
Response: 41036014
Conc: 302.94 ng/ml



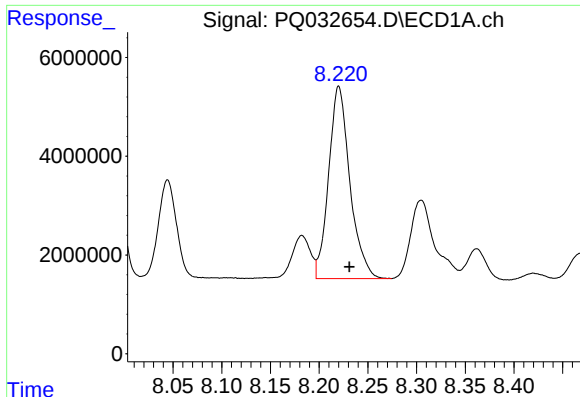
#33 AR-1260-3

R.T.: 7.986 min
Delta R.T.: -0.011 min
Response: 62583461
Conc: 599.16 ng/ml



#33 AR-1260-3

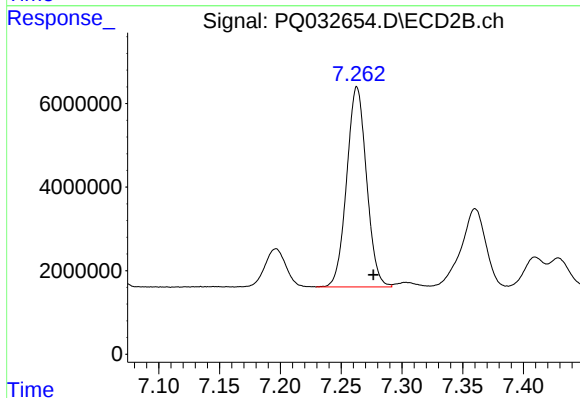
R.T.: 6.793 min
Delta R.T.: -0.011 min
Response: 38950070
Conc: 309.00 ng/ml



#34 AR-1260-4

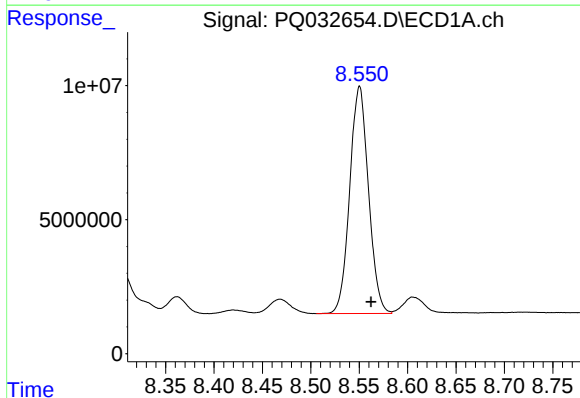
R.T.: 8.220 min
Delta R.T.: -0.011 min
Response: 59068004
Conc: 471.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



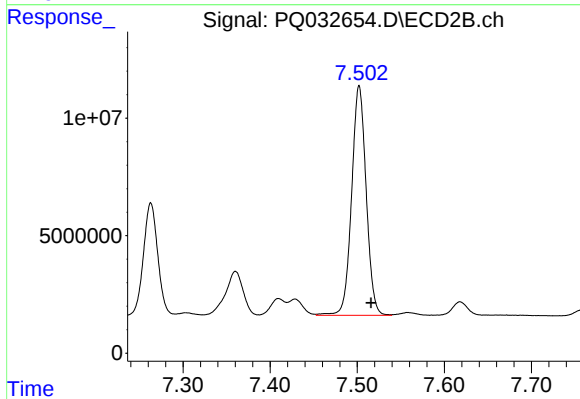
#34 AR-1260-4

R.T.: 7.263 min
Delta R.T.: -0.014 min
Response: 54429782
Conc: 511.64 ng/ml



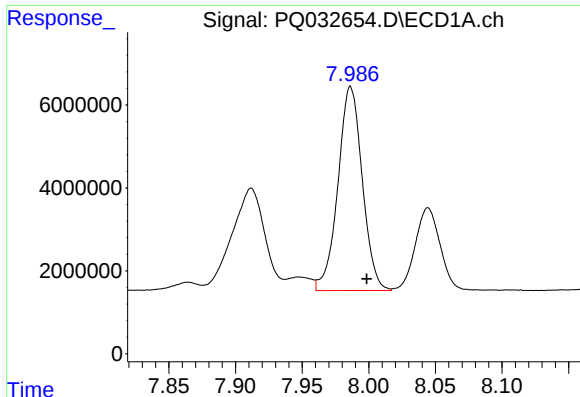
#35 AR-1260-5

R.T.: 8.550 min
Delta R.T.: -0.012 min
Response: 114429831
Conc: 442.85 ng/ml



#35 AR-1260-5

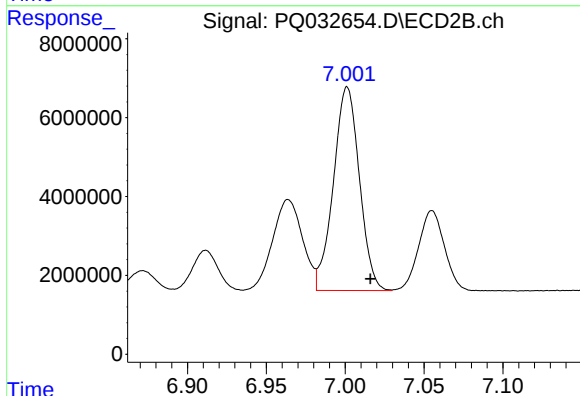
R.T.: 7.502 min
Delta R.T.: -0.014 min
Response: 113162491
Conc: 425.90 ng/ml



#36 AR-1262-1

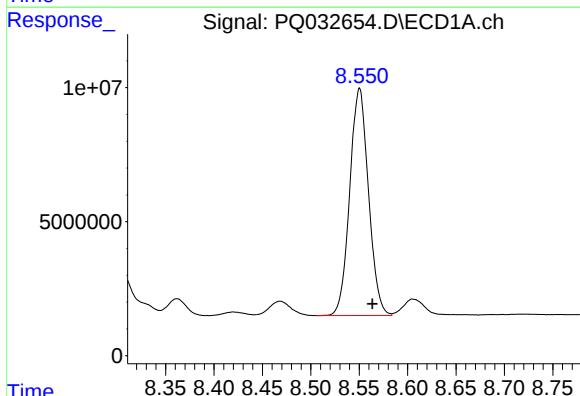
R.T.: 7.986 min
Delta R.T.: -0.012 min
Response: 62583461
Conc: 392.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



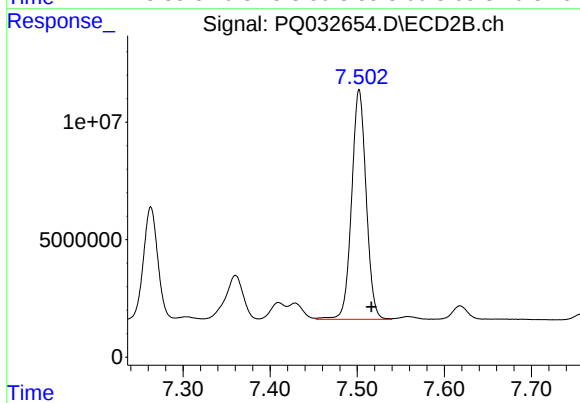
#36 AR-1262-1

R.T.: 7.001 min
Delta R.T.: -0.015 min
Response: 59230020
Conc: 378.63 ng/ml



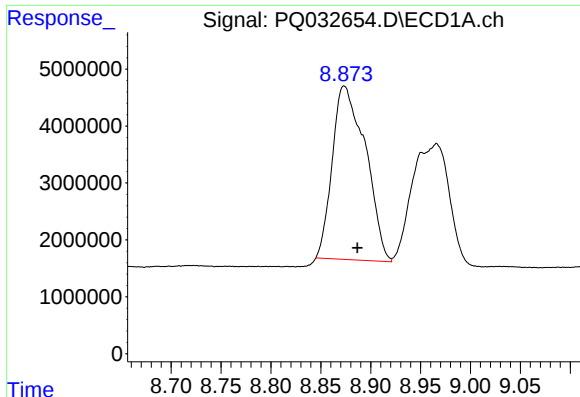
#37 AR-1262-2

R.T.: 8.550 min
Delta R.T.: -0.013 min
Response: 114429831
Conc: 385.22 ng/ml



#37 AR-1262-2

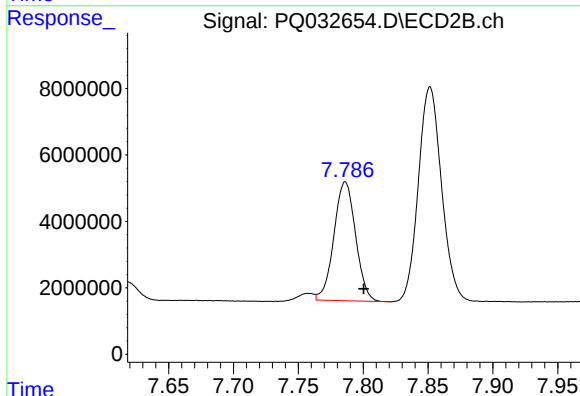
R.T.: 7.502 min
Delta R.T.: -0.014 min
Response: 113162491
Conc: 372.18 ng/ml



#38 AR-1262-3

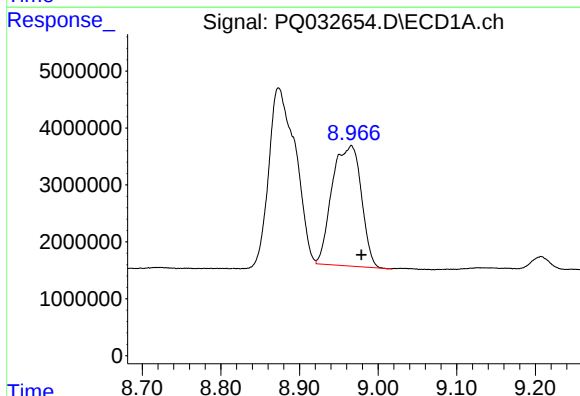
R.T.: 8.873 min
Delta R.T.: -0.013 min
Response: 70481507
Conc: 356.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



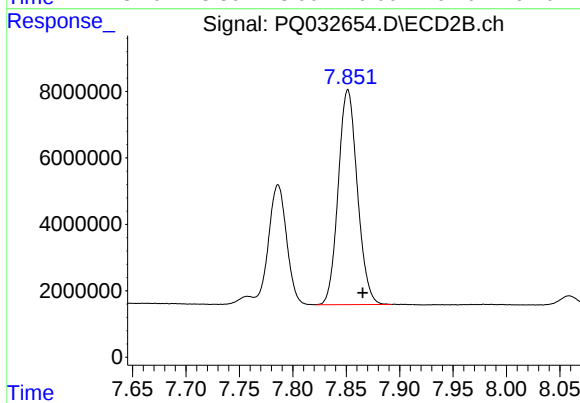
#38 AR-1262-3

R.T.: 7.786 min
Delta R.T.: -0.014 min
Response: 41626951
Conc: 361.97 ng/ml



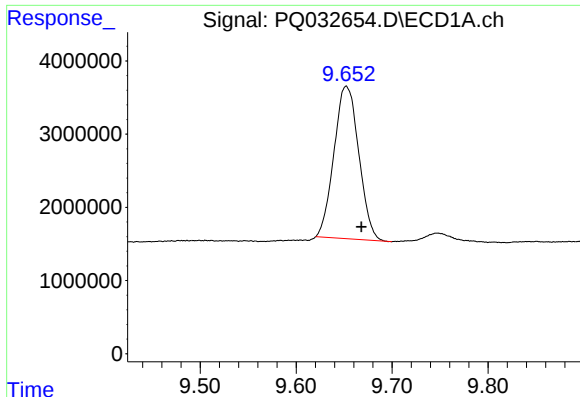
#39 AR-1262-4

R.T.: 8.966 min
Delta R.T.: -0.013 min
Response: 54371823
Conc: 372.09 ng/ml



#39 AR-1262-4

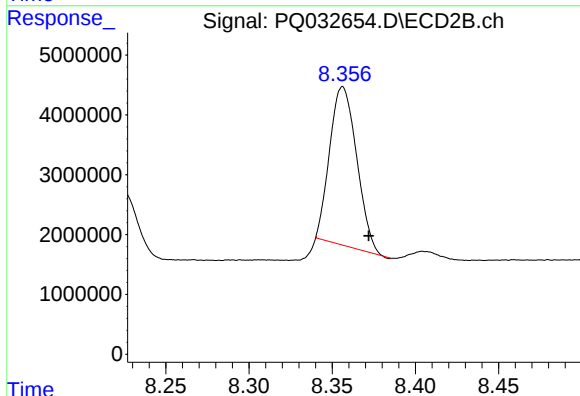
R.T.: 7.852 min
Delta R.T.: -0.014 min
Response: 80558889
Conc: 366.94 ng/ml



#40 AR-1262-5

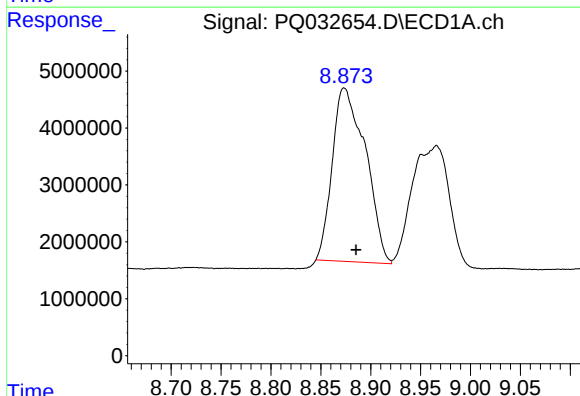
R.T.: 9.652 min
Delta R.T.: -0.016 min
Response: 37405123
Conc: 359.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



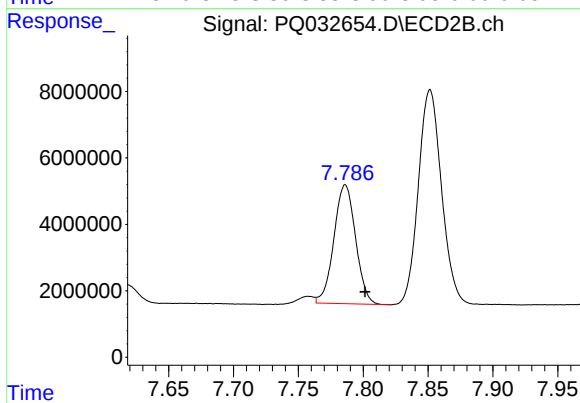
#40 AR-1262-5

R.T.: 8.356 min
Delta R.T.: -0.016 min
Response: 29920830
Conc: 295.97 ng/ml



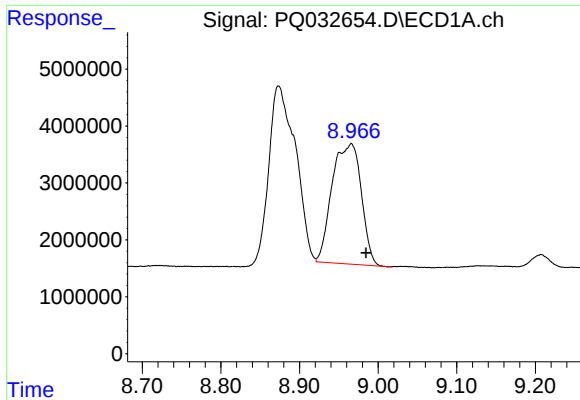
#41 AR-1268-1

R.T.: 8.873 min
Delta R.T.: -0.012 min
Response: 70481507
Conc: 154.04 ng/ml



#41 AR-1268-1

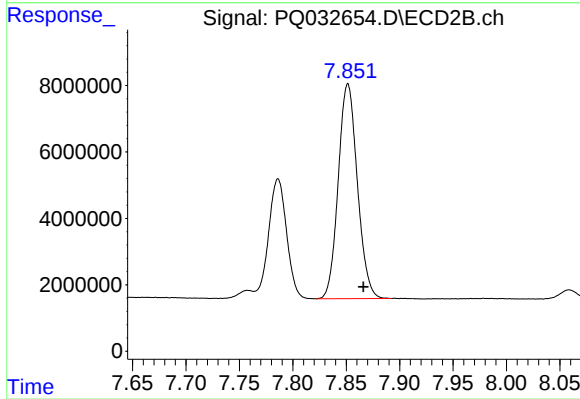
R.T.: 7.786 min
Delta R.T.: -0.015 min
Response: 41626951
Conc: 92.08 ng/ml



#42 AR-1268-2

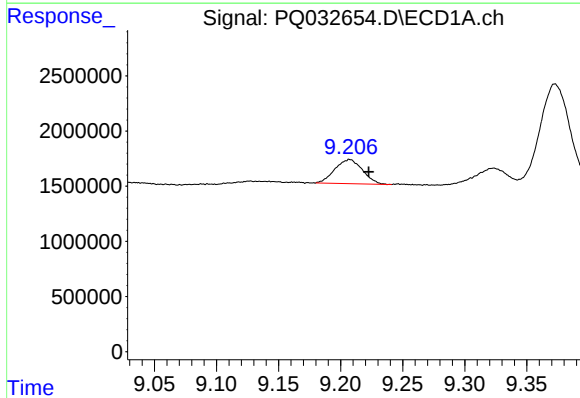
R.T.: 8.966 min
Delta R.T.: -0.019 min
Response: 54371823
Conc: 131.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



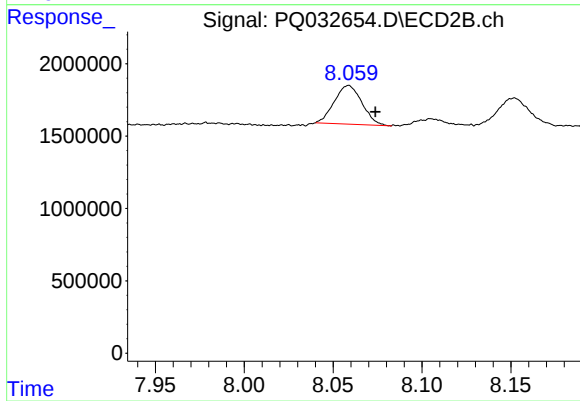
#42 AR-1268-2

R.T.: 7.852 min
Delta R.T.: -0.014 min
Response: 80558889
Conc: 198.65 ng/ml



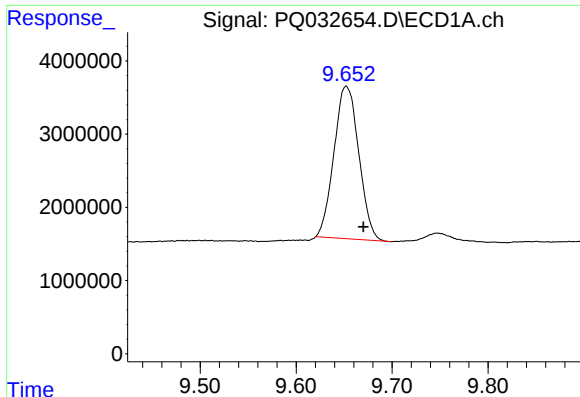
#43 AR-1268-3

R.T.: 9.207 min
Delta R.T.: -0.015 min
Response: 3362222
Conc: 9.50 ng/ml



#43 AR-1268-3

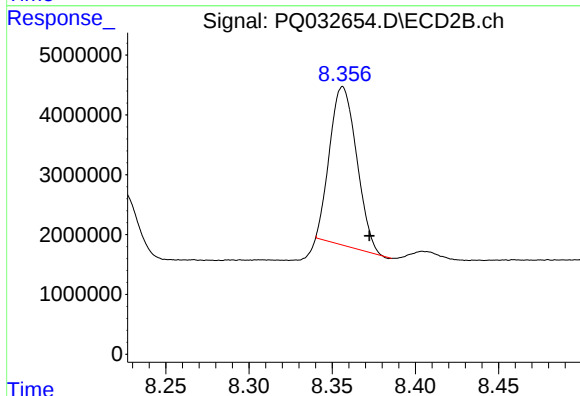
R.T.: 8.059 min
Delta R.T.: -0.015 min
Response: 2887031
Conc: 8.58 ng/ml



#44 AR-1268-4

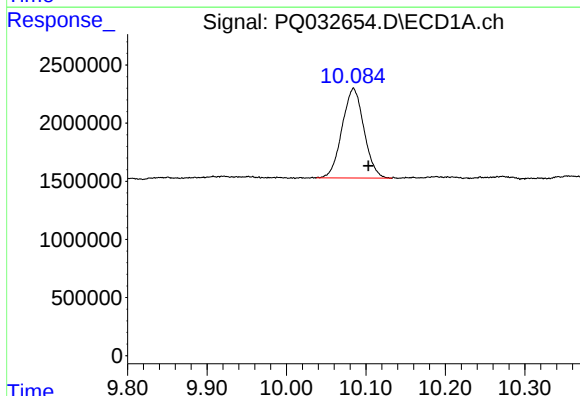
R.T.: 9.652 min
Delta R.T.: -0.018 min
Response: 37405123
Conc: 245.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



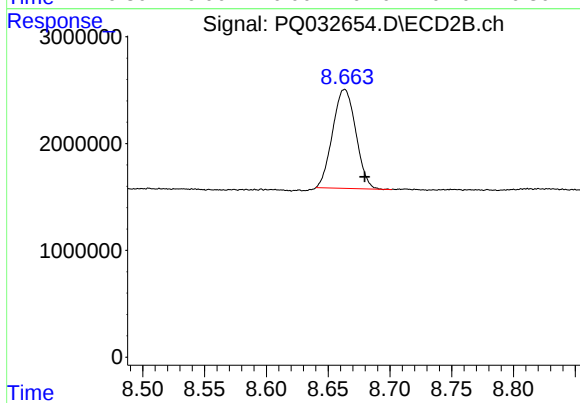
#44 AR-1268-4

R.T.: 8.356 min
Delta R.T.: -0.016 min
Response: 29920830
Conc: 202.81 ng/ml



#45 AR-1268-5

R.T.: 10.084 min
Delta R.T.: -0.019 min
Response: 14769995
Conc: 13.06 ng/ml



#45 AR-1268-5

R.T.: 8.663 min
Delta R.T.: -0.016 min
Response: 12114473
Conc: 11.42 ng/ml