

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101618\
 Data File : PQ033275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2018 14:09
 Operator : SM\SJ
 Sample : J5257-04DL 4X
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 16:39:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 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...	4.570	3.848	4562875	3955205	2.224	2.543
2)	SA Decachlor...	10.407	8.901	19460947	15256990	10.295	9.491
Target Compounds							
3)	L1 AR-1016-1	5.749	4.960	4956858	3432349	71.189	59.956
4)	L1 AR-1016-2	5.770	4.993	6664885	878208	64.703	11.021 #
5)	L1 AR-1016-3	5.834	5.177	3048635	30405316	48.687	733.007 #
6)	L1 AR-1016-4	5.930	5.177	2642030	30405316	52.274	887.388 #
7)	L1 AR-1016-5	6.228	5.394	30273465	15023694	587.482	328.811 #
8)	L2 AR-1221-1	0.000	4.051	0	1207456	N.D.	65.333 #
9)	L2 AR-1221-2	0.000	4.225	0	277578	N.D.	20.986 #
10)	L2 AR-1221-3	0.000	4.225	0	277578	N.D.	6.070 #
11)	L3 AR-1232-1	0.000	4.225	0	277578	N.D.	8.021 #
12)	L3 AR-1232-2	5.480	4.960	3690628	3432349	156.258	91.280 #
13)	L3 AR-1232-3	5.770	5.177	6664885	30405316	139.405	1552.417 #
14)	L3 AR-1232-4	5.930	5.251	2642030	6884142	110.921	401.099 #
15)	L3 AR-1232-5	6.020	5.394	26919012	15023694	1509.406	770.442 #
16)	L4 AR-1242-1	5.749	4.960	4956858	3432349	83.062	70.540
17)	L4 AR-1242-2	5.770	4.960	6664885	3432349	76.742	50.850 #
18)	L4 AR-1242-3	5.834	5.177	3048635	30405316	58.304	830.051 #
19)	L4 AR-1242-4	5.930	5.251	2642030	6884142	61.266	186.901 #
20)	L4 AR-1242-5	6.672	5.745	25807631	69949132	523.510	1456.074 #
21)	L5 AR-1248-1	5.749	4.960	4956858	3432349	99.931	83.757
22)	L5 AR-1248-2	6.020	5.177	26919012	30405316	365.985	553.433 #
23)	L5 AR-1248-3	6.228	5.219	30273465	9025346	370.433	161.160 #
24)	L5 AR-1248-4	6.672	5.394	25807631	15023694	275.513	217.833
25)	L5 AR-1248-5	6.672	5.786	25807631	11287505	290.599	163.285 #
26)	L6 AR-1254-1	6.604	5.745	81043870	69949132	817.783	620.881
27)	L6 AR-1254-2	6.823	5.892	124.7E6	65163026	798.206	659.911
28)	L6 AR-1254-3	7.191	6.298	156.5E6	148.7E6	922.576	894.493
29)	L6 AR-1254-4	7.476	6.551	100.2E6	16957365	811.742	159.379 #
30)	L6 AR-1254-5	7.897	6.969	165.9E6	31982140	1253.275	217.735 #
31)	L7 AR-1260-1	7.352	6.427	82635667	79321194	772.608	844.523
32)	L7 AR-1260-2	7.609	6.613	90427970	70909147	716.117	608.607
33)	L7 AR-1260-3	7.968	6.768	35285307	67360997	453.005	624.622 #
34)	L7 AR-1260-4	8.194	7.238	75986139	23282317	750.649	302.882 #
35)	L7 AR-1260-5	8.531	7.481	52172288	84351148	276.296	439.059 #
36)	L8 AR-1262-1	7.968	7.015	35285307	8588602	261.783	66.830 #
37)	L8 AR-1262-2	8.531	7.481	52172288	84351148	210.986	352.144 #
38)	L8 AR-1262-3	8.853	7.763	54888617	27688236	331.837	297.248
39)	L8 AR-1262-4	8.947	7.827	35071578	53669343	514.612	308.279 #
40)	L8 AR-1262-5	9.628	8.332	18619241	12682025	212.815	157.160 #
41)	L9 AR-1268-1	8.853	7.763	54888617	27688236	149.675	80.985 #

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 Operator : SM\SJ
 Sample : J5257-04DL 4X
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

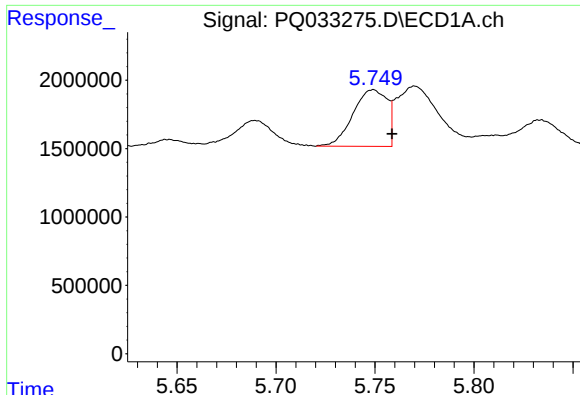
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 16:39:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.947	7.827	35071578	53669343	105.231	173.676 #
43) L9	AR-1268-3	9.184	8.033	13010865	12758361	46.167	49.869
44) L9	AR-1268-4	9.628	8.332	18619241	12682025	154.109	114.969 #
45) L9	AR-1268-5	10.059	8.636	43603860	37467196	47.158	44.795

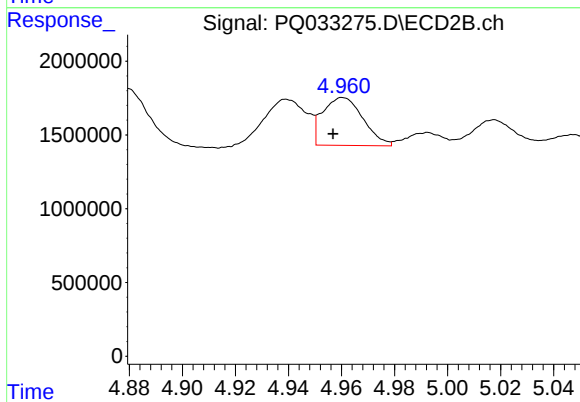
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

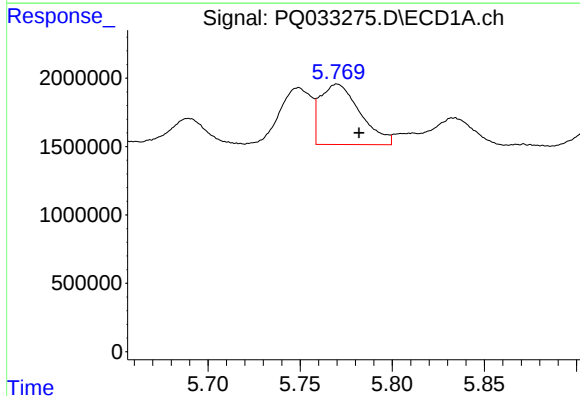
R.T.: 5.749 min
Delta R.T.: -0.009 min
Response: 4956858
Conc: 71.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



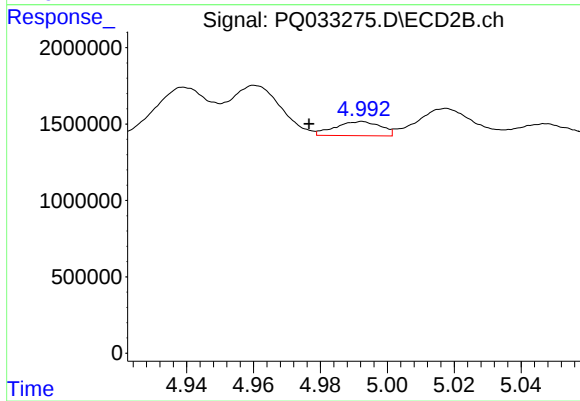
#3 AR-1016-1

R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 3432349
Conc: 59.96 ng/ml



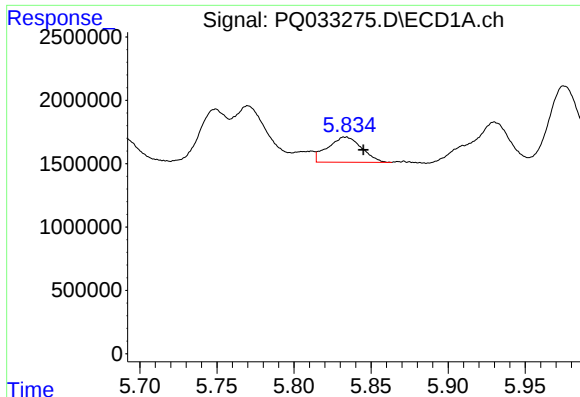
#4 AR-1016-2

R.T.: 5.770 min
Delta R.T.: -0.012 min
Response: 6664885
Conc: 64.70 ng/ml



#4 AR-1016-2

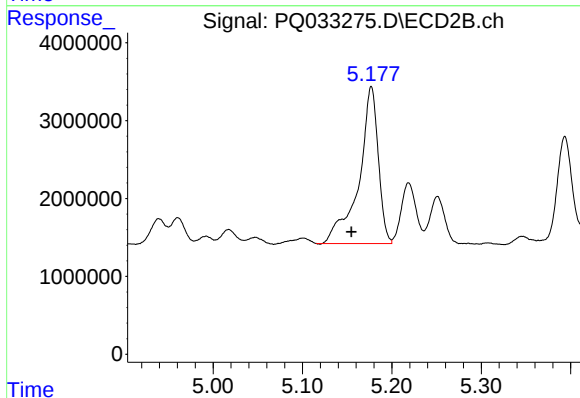
R.T.: 4.993 min
Delta R.T.: 0.016 min
Response: 878208
Conc: 11.02 ng/ml



#5 AR-1016-3

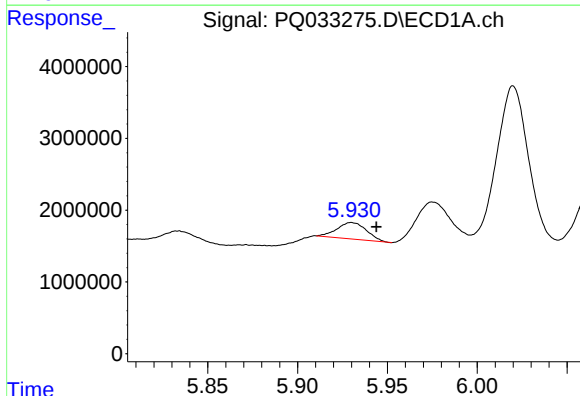
R.T.: 5.834 min
Delta R.T.: -0.011 min
Response: 3048635
Conc: 48.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



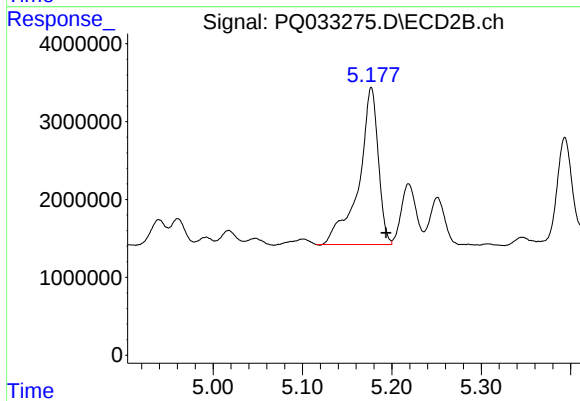
#5 AR-1016-3

R.T.: 5.177 min
Delta R.T.: 0.022 min
Response: 30405316
Conc: 733.01 ng/ml



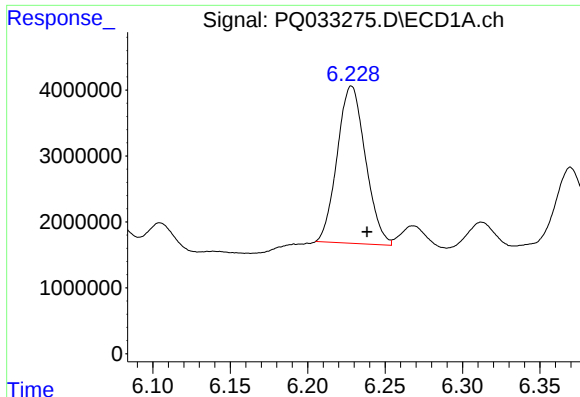
#6 AR-1016-4

R.T.: 5.930 min
Delta R.T.: -0.014 min
Response: 2642030
Conc: 52.27 ng/ml



#6 AR-1016-4

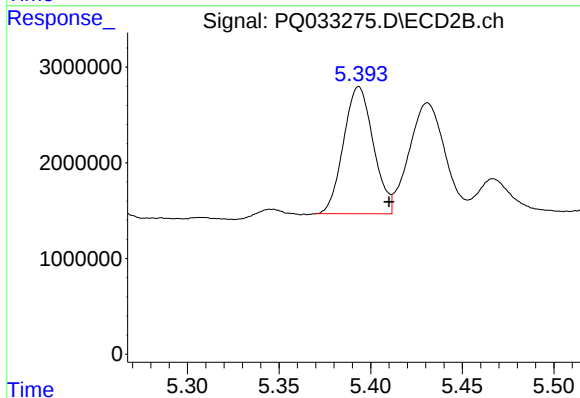
R.T.: 5.177 min
Delta R.T.: -0.017 min
Response: 30405316
Conc: 887.39 ng/ml



#7 AR-1016-5

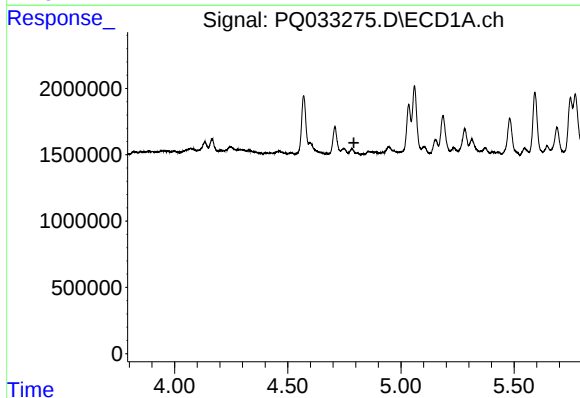
R.T.: 6.228 min
Delta R.T.: -0.010 min
Response: 30273465
Conc: 587.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



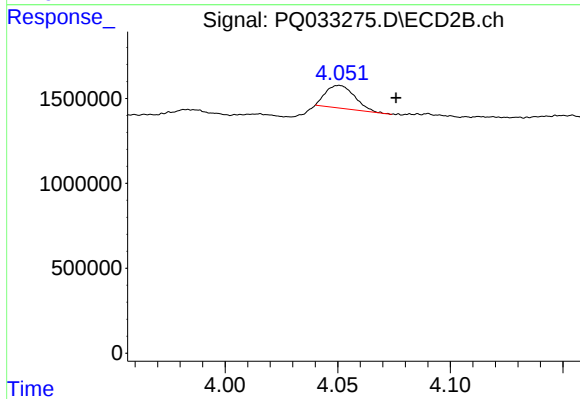
#7 AR-1016-5

R.T.: 5.394 min
Delta R.T.: -0.017 min
Response: 15023694
Conc: 328.81 ng/ml



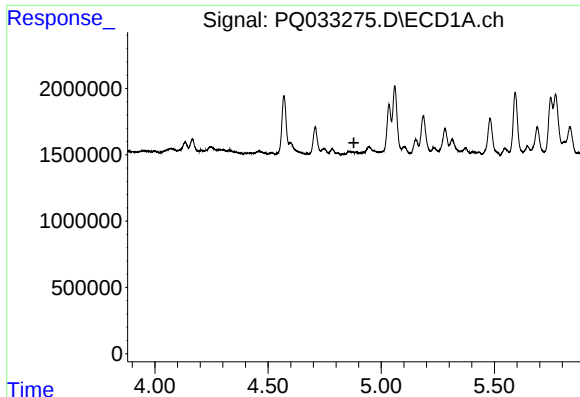
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.792 min
Response: 0
Conc: N.D.



#8 AR-1221-1

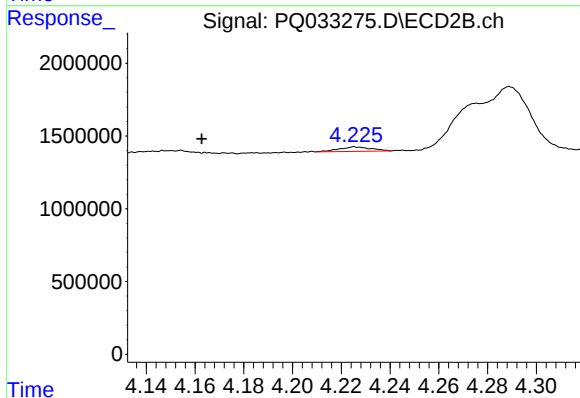
R.T.: 4.051 min
Delta R.T.: -0.025 min
Response: 1207456
Conc: 65.33 ng/ml



#9 AR-1221-2

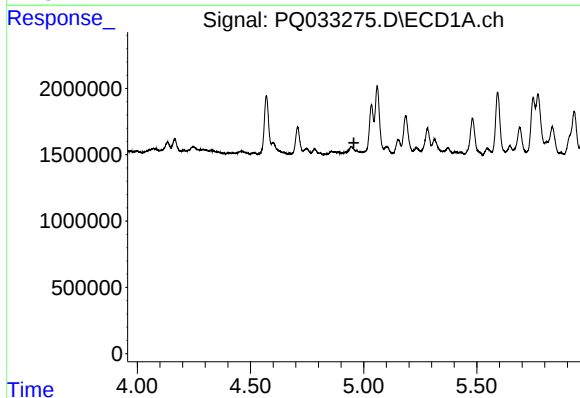
R.T.: 0.000 min
Exp R.T.: 4.879 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



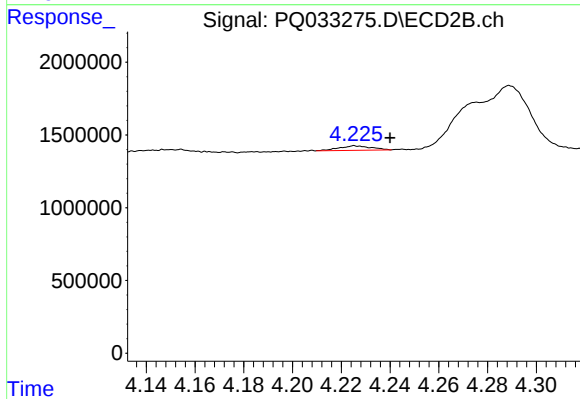
#9 AR-1221-2

R.T.: 4.225 min
Delta R.T.: 0.063 min
Response: 277578
Conc: 20.99 ng/ml



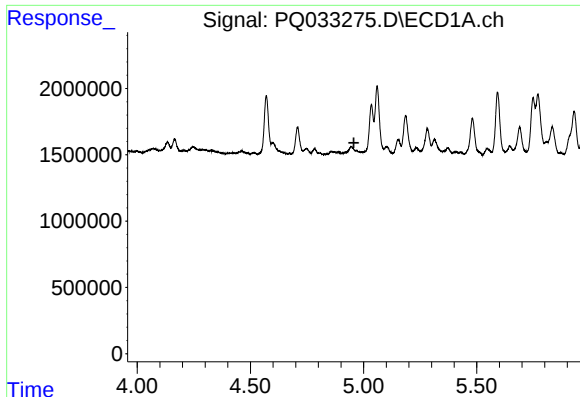
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.



#10 AR-1221-3

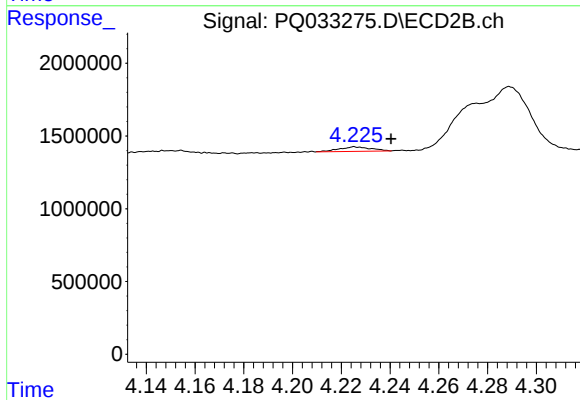
R.T.: 4.225 min
Delta R.T.: -0.015 min
Response: 277578
Conc: 6.07 ng/ml



#11 AR-1232-1

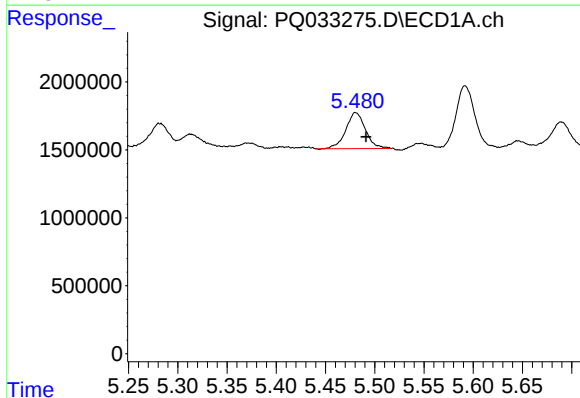
R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



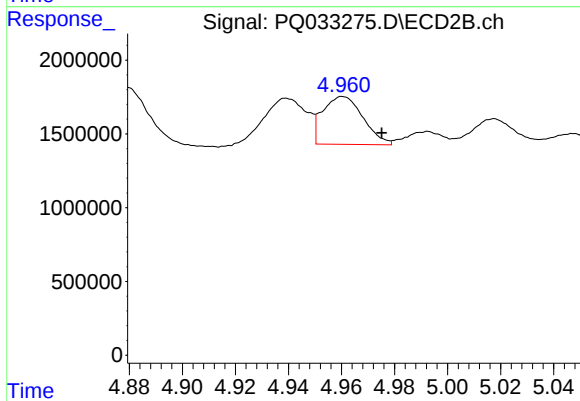
#11 AR-1232-1

R.T.: 4.225 min
Delta R.T.: -0.015 min
Response: 277578
Conc: 8.02 ng/ml



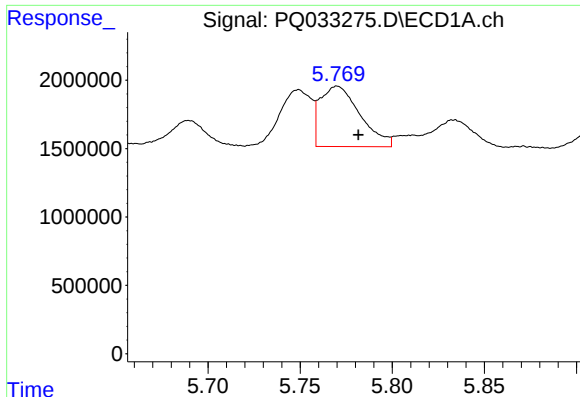
#12 AR-1232-2

R.T.: 5.480 min
Delta R.T.: -0.011 min
Response: 3690628
Conc: 156.26 ng/ml



#12 AR-1232-2

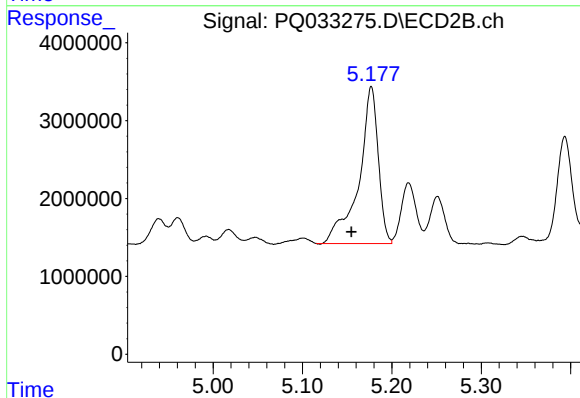
R.T.: 4.960 min
Delta R.T.: -0.015 min
Response: 3432349
Conc: 91.28 ng/ml



#13 AR-1232-3

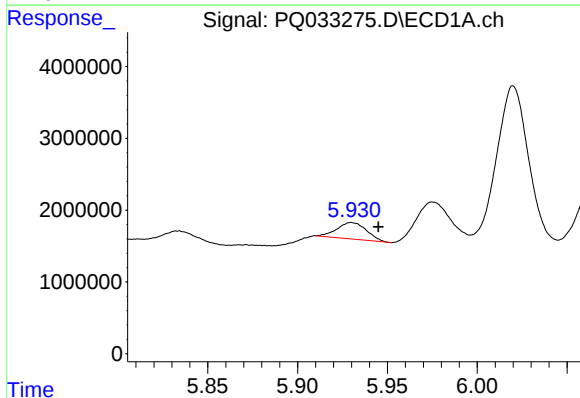
R.T.: 5.770 min
Delta R.T.: -0.012 min
Response: 6664885
Conc: 139.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



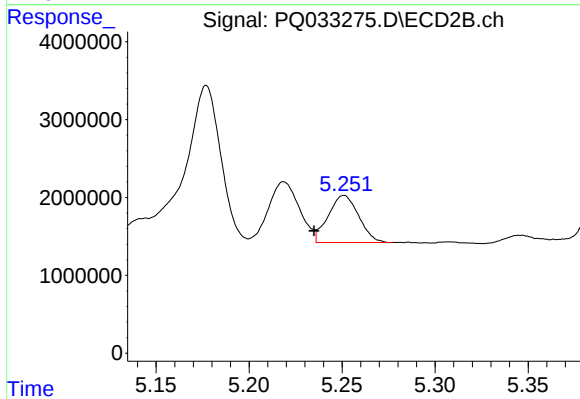
#13 AR-1232-3

R.T.: 5.177 min
Delta R.T.: 0.022 min
Response: 30405316
Conc: 1552.42 ng/ml



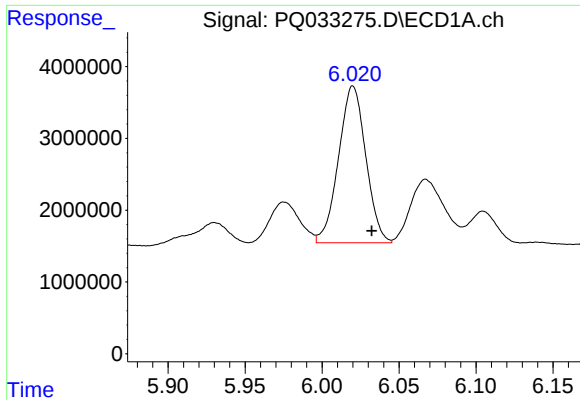
#14 AR-1232-4

R.T.: 5.930 min
Delta R.T.: -0.015 min
Response: 2642030
Conc: 110.92 ng/ml



#14 AR-1232-4

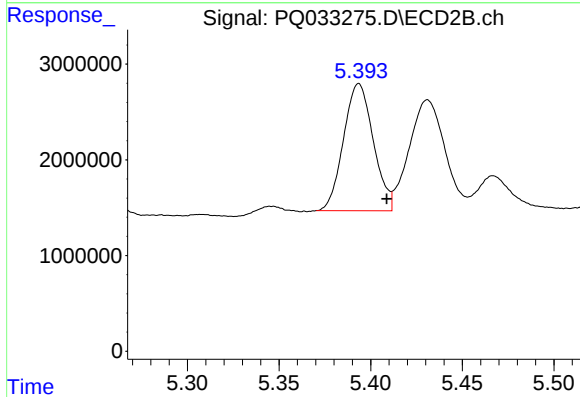
R.T.: 5.251 min
Delta R.T.: 0.016 min
Response: 6884142
Conc: 401.10 ng/ml



#15 AR-1232-5

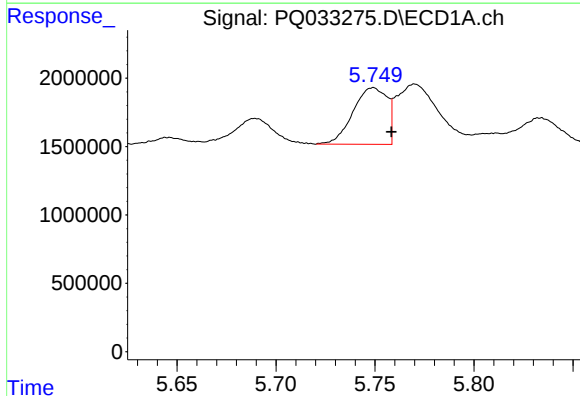
R.T.: 6.020 min
Delta R.T.: -0.012 min
Response: 26919012
Conc: 1509.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



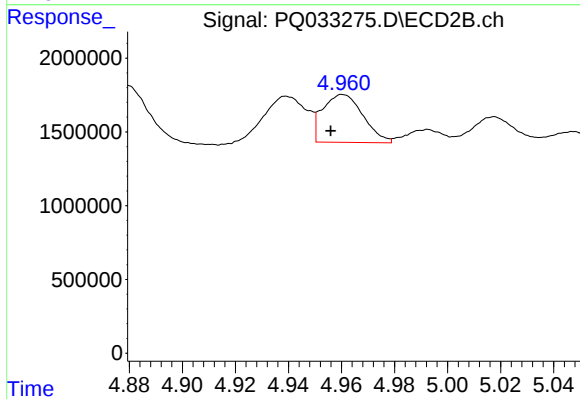
#15 AR-1232-5

R.T.: 5.394 min
Delta R.T.: -0.015 min
Response: 15023694
Conc: 770.44 ng/ml



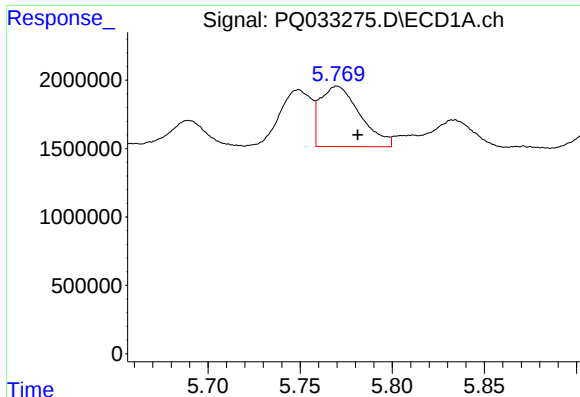
#16 AR-1242-1

R.T.: 5.749 min
Delta R.T.: -0.009 min
Response: 4956858
Conc: 83.06 ng/ml



#16 AR-1242-1

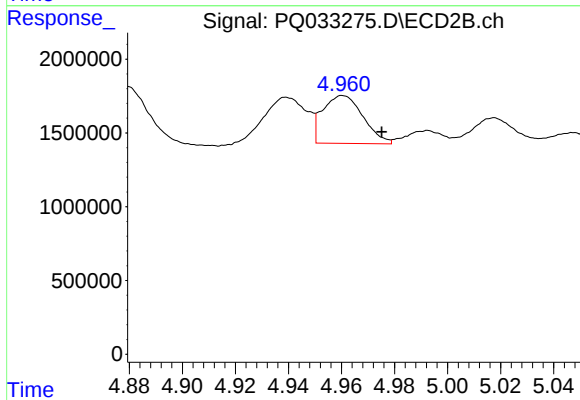
R.T.: 4.960 min
Delta R.T.: 0.004 min
Response: 3432349
Conc: 70.54 ng/ml



#17 AR-1242-2

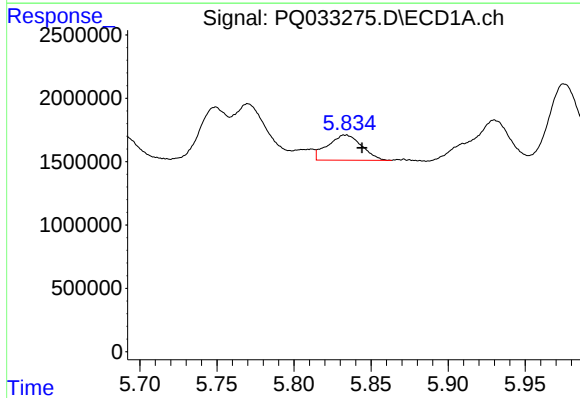
R.T.: 5.770 min
Delta R.T.: -0.011 min
Response: 6664885
Conc: 76.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



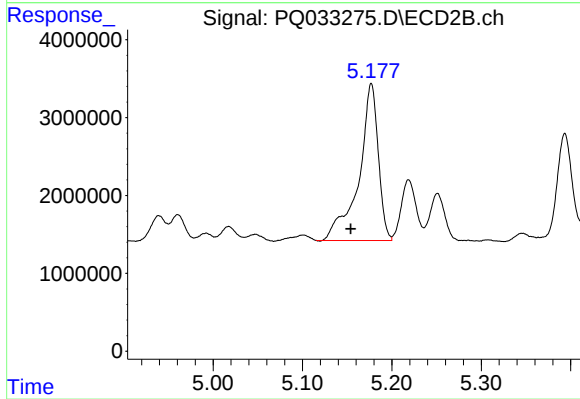
#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: -0.015 min
Response: 3432349
Conc: 50.85 ng/ml



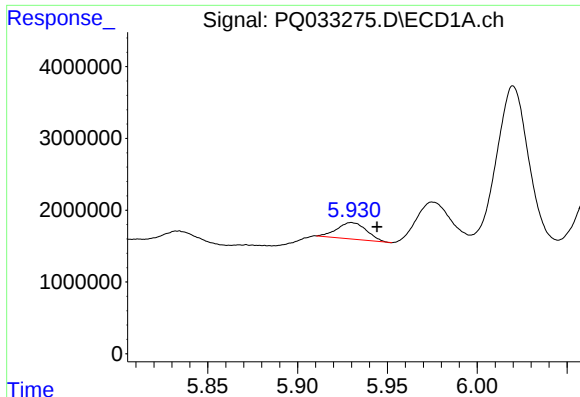
#18 AR-1242-3

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 3048635
Conc: 58.30 ng/ml



#18 AR-1242-3

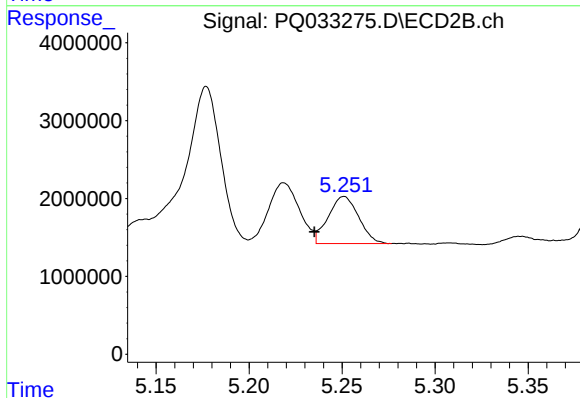
R.T.: 5.177 min
Delta R.T.: 0.023 min
Response: 30405316
Conc: 830.05 ng/ml



#19 AR-1242-4

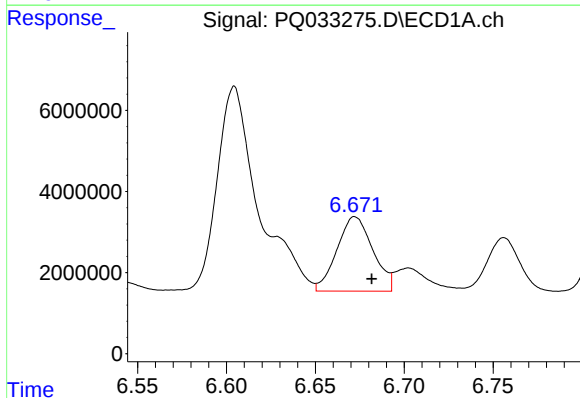
R.T.: 5.930 min
Delta R.T.: -0.014 min
Response: 2642030
Conc: 61.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



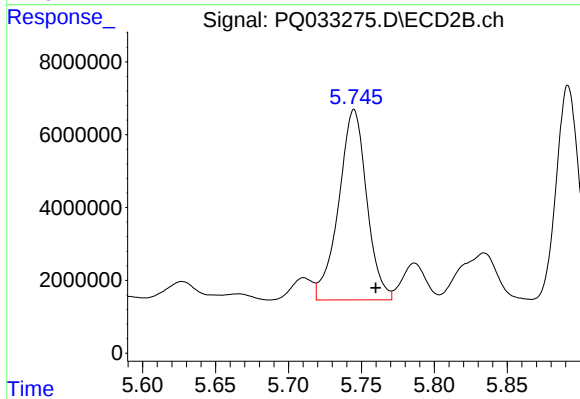
#19 AR-1242-4

R.T.: 5.251 min
Delta R.T.: 0.016 min
Response: 6884142
Conc: 186.90 ng/ml



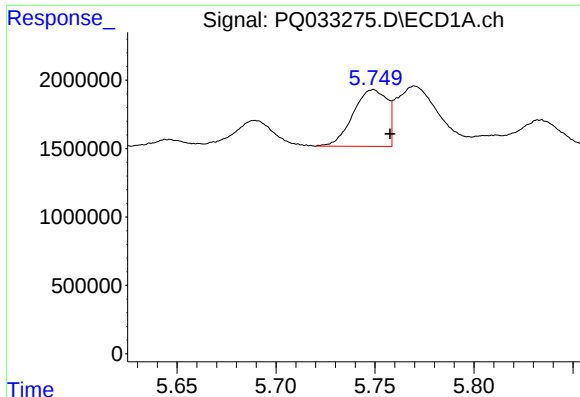
#20 AR-1242-5

R.T.: 6.672 min
Delta R.T.: -0.009 min
Response: 25807631
Conc: 523.51 ng/ml



#20 AR-1242-5

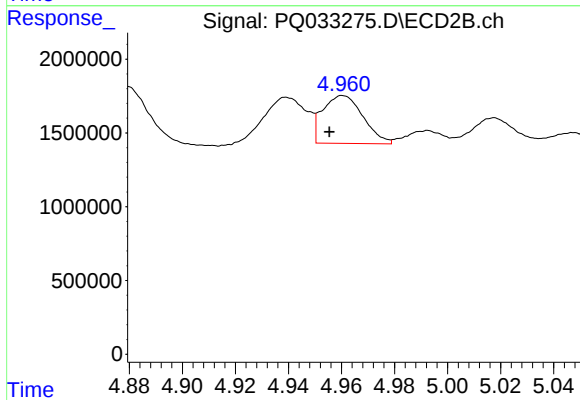
R.T.: 5.745 min
Delta R.T.: -0.015 min
Response: 69949132
Conc: 1456.07 ng/ml



#21 AR-1248-1

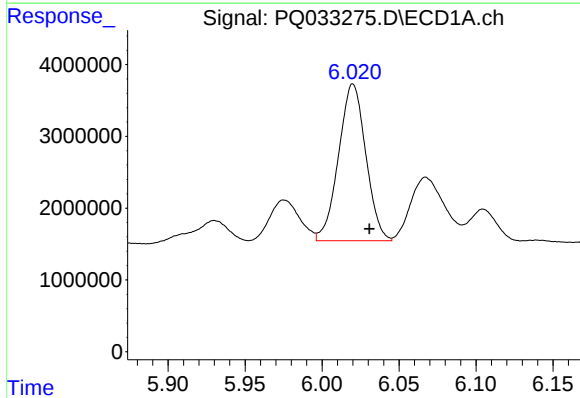
R.T.: 5.749 min
Delta R.T.: -0.008 min
Response: 4956858
Conc: 99.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



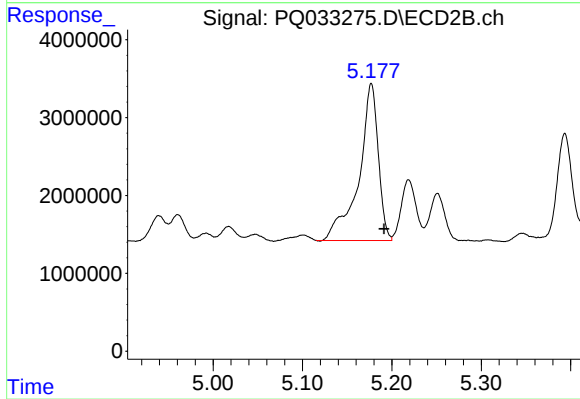
#21 AR-1248-1

R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 3432349
Conc: 83.76 ng/ml



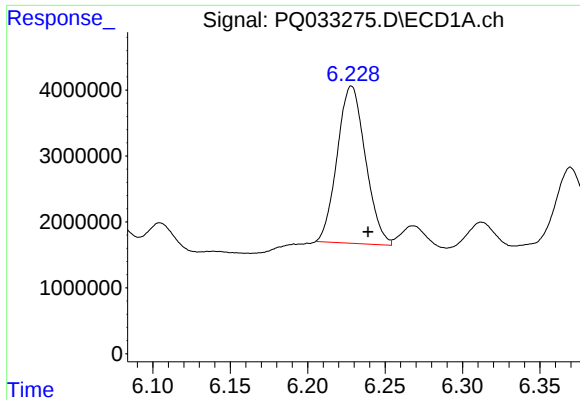
#22 AR-1248-2

R.T.: 6.020 min
Delta R.T.: -0.011 min
Response: 26919012
Conc: 365.98 ng/ml



#22 AR-1248-2

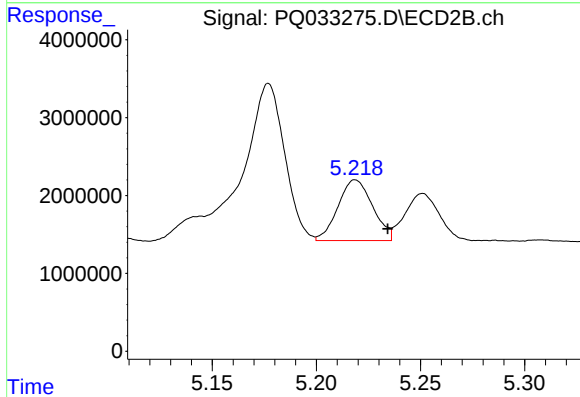
R.T.: 5.177 min
Delta R.T.: -0.014 min
Response: 30405316
Conc: 553.43 ng/ml



#23 AR-1248-3

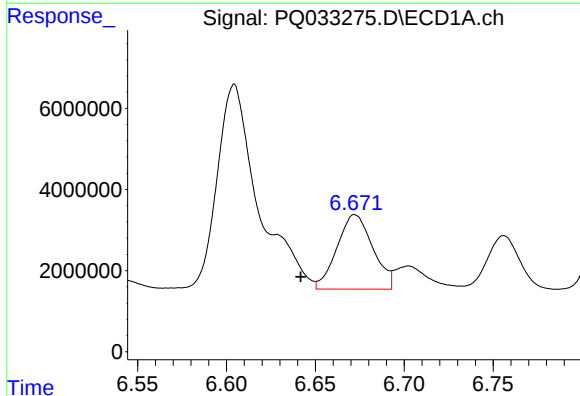
R.T.: 6.228 min
Delta R.T.: -0.011 min
Response: 30273465
Conc: 370.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



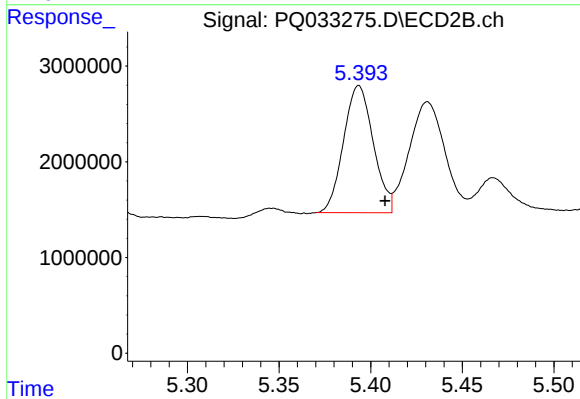
#23 AR-1248-3

R.T.: 5.219 min
Delta R.T.: -0.016 min
Response: 9025346
Conc: 161.16 ng/ml



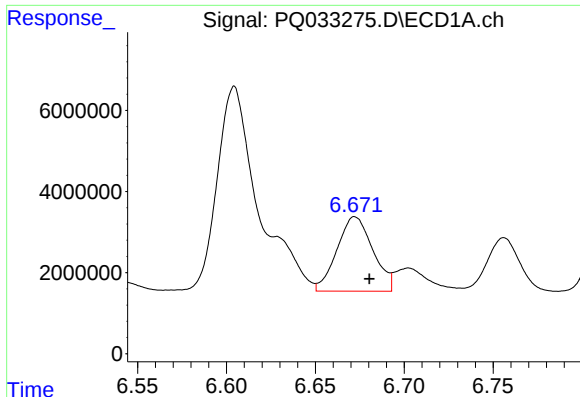
#24 AR-1248-4

R.T.: 6.672 min
Delta R.T.: 0.030 min
Response: 25807631
Conc: 275.51 ng/ml



#24 AR-1248-4

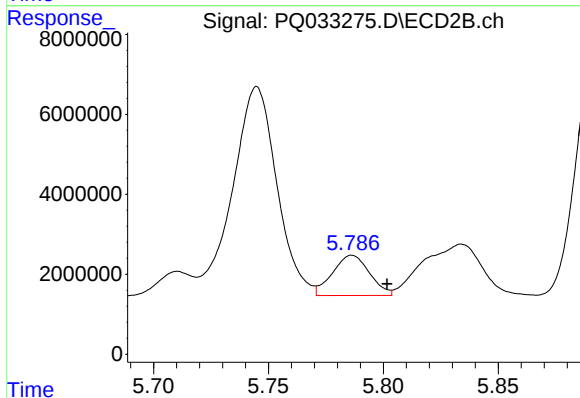
R.T.: 5.394 min
Delta R.T.: -0.014 min
Response: 15023694
Conc: 217.83 ng/ml



#25 AR-1248-5

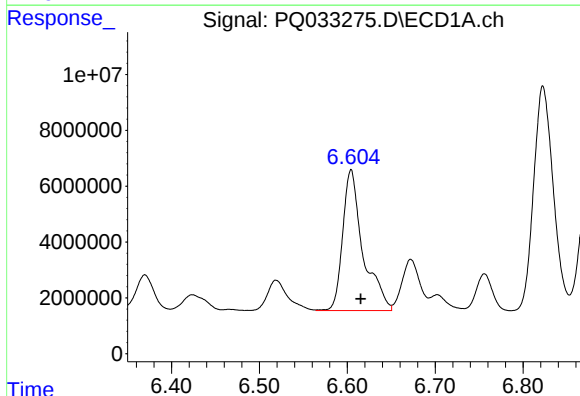
R.T.: 6.672 min
Delta R.T.: -0.008 min
Response: 25807631
Conc: 290.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



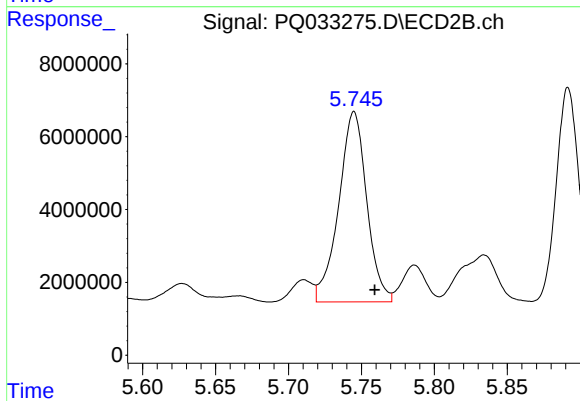
#25 AR-1248-5

R.T.: 5.786 min
Delta R.T.: -0.015 min
Response: 11287505
Conc: 163.28 ng/ml



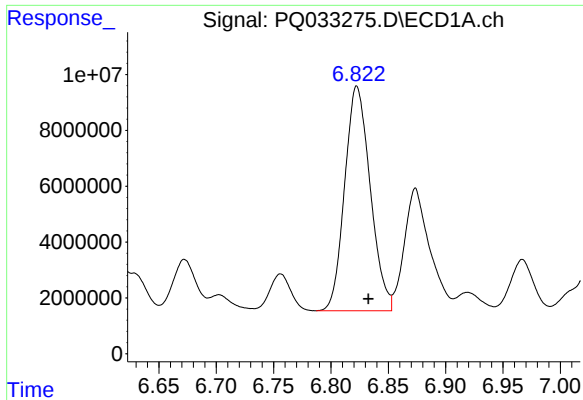
#26 AR-1254-1

R.T.: 6.604 min
Delta R.T.: -0.011 min
Response: 81043870
Conc: 817.78 ng/ml



#26 AR-1254-1

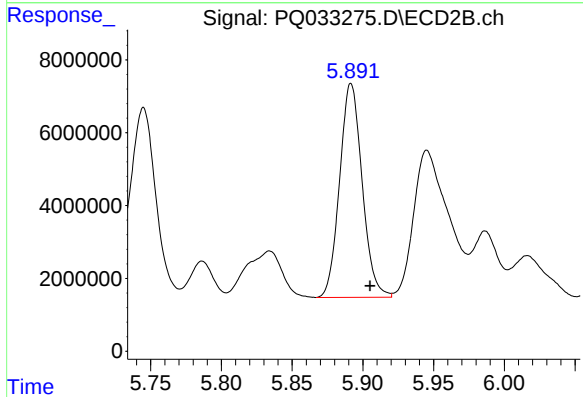
R.T.: 5.745 min
Delta R.T.: -0.014 min
Response: 69949132
Conc: 620.88 ng/ml



#27 AR-1254-2

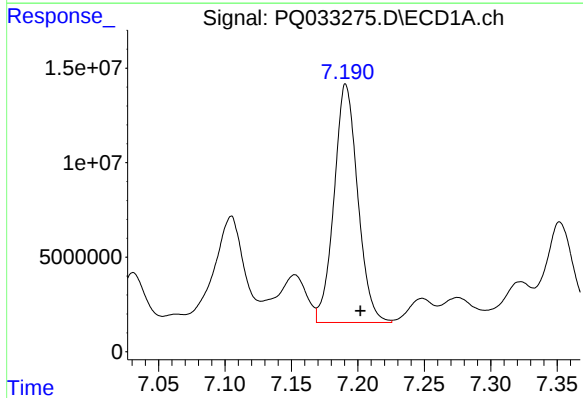
R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 124742564
Conc: 798.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



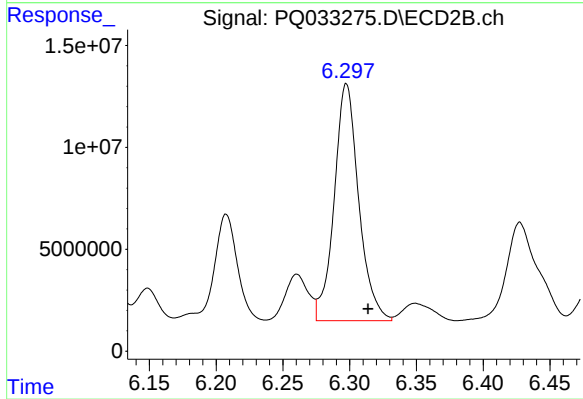
#27 AR-1254-2

R.T.: 5.892 min
Delta R.T.: -0.014 min
Response: 65163026
Conc: 659.91 ng/ml



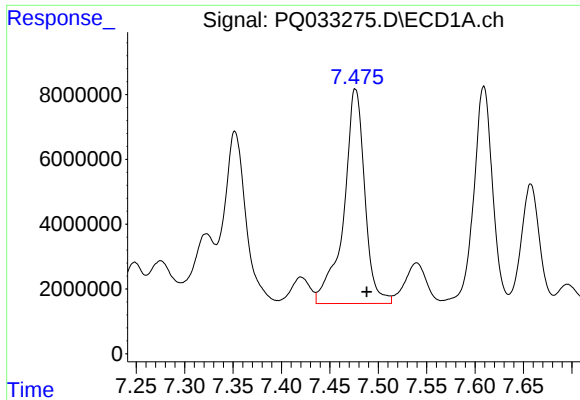
#28 AR-1254-3

R.T.: 7.191 min
Delta R.T.: -0.011 min
Response: 156546728
Conc: 922.58 ng/ml



#28 AR-1254-3

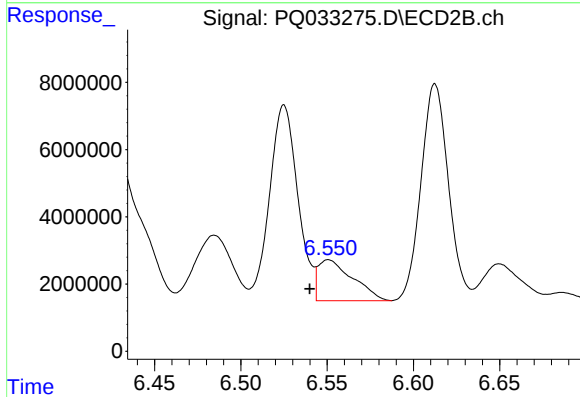
R.T.: 6.298 min
Delta R.T.: -0.016 min
Response: 148656372
Conc: 894.49 ng/ml



#29 AR-1254-4

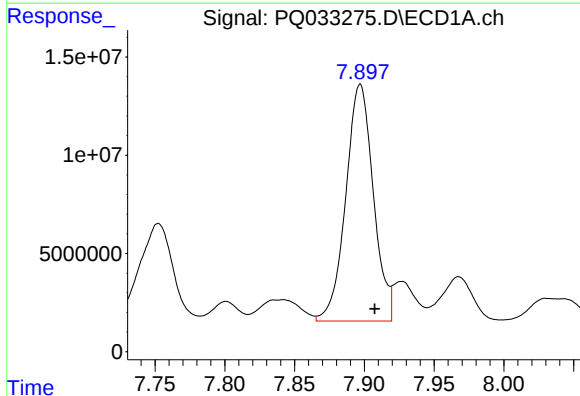
R.T.: 7.476 min
Delta R.T.: -0.012 min
Response: 100229389
Conc: 811.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



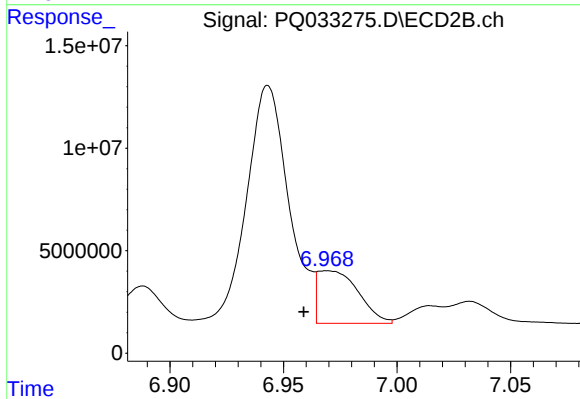
#29 AR-1254-4

R.T.: 6.551 min
Delta R.T.: 0.011 min
Response: 16957365
Conc: 159.38 ng/ml



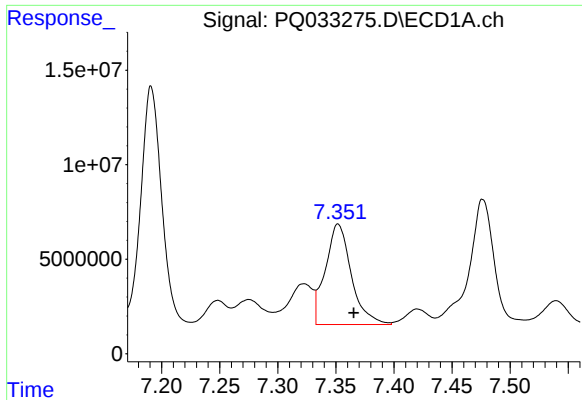
#30 AR-1254-5

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 165906932
Conc: 1253.27 ng/ml



#30 AR-1254-5

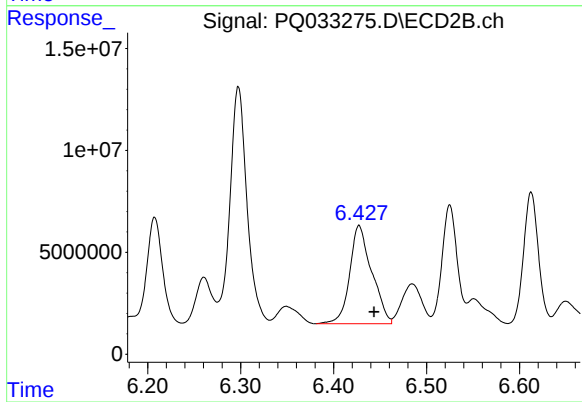
R.T.: 6.969 min
Delta R.T.: 0.010 min
Response: 31982140
Conc: 217.74 ng/ml



#31 AR-1260-1

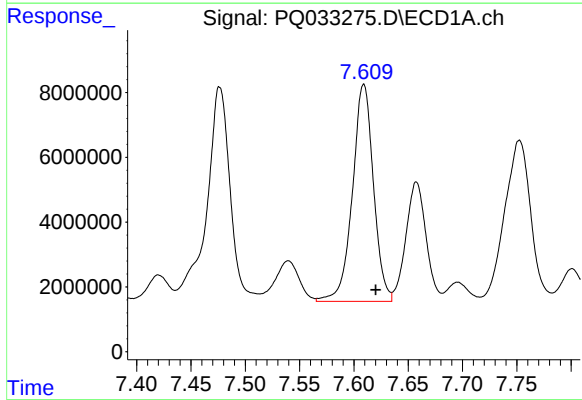
R.T.: 7.352 min
Delta R.T.: -0.014 min
Response: 82635667
Conc: 772.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



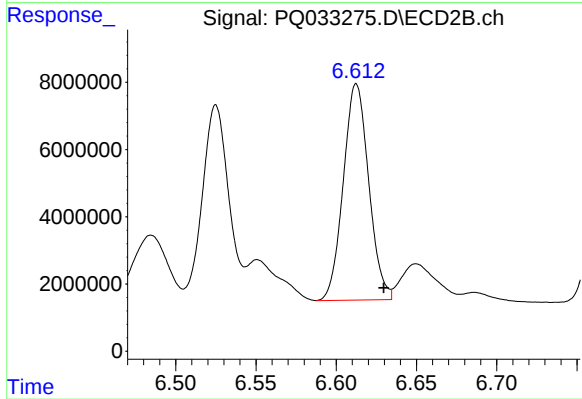
#31 AR-1260-1

R.T.: 6.427 min
Delta R.T.: -0.016 min
Response: 79321194
Conc: 844.52 ng/ml



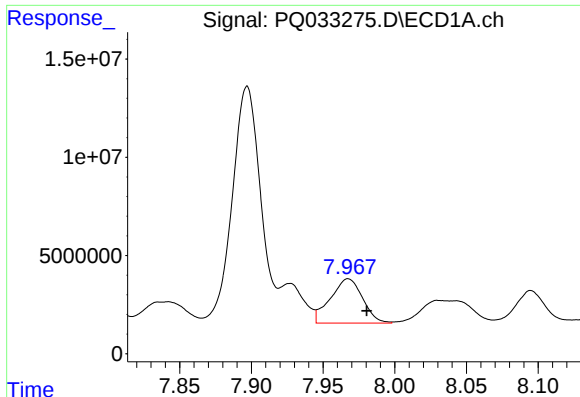
#32 AR-1260-2

R.T.: 7.609 min
Delta R.T.: -0.011 min
Response: 90427970
Conc: 716.12 ng/ml



#32 AR-1260-2

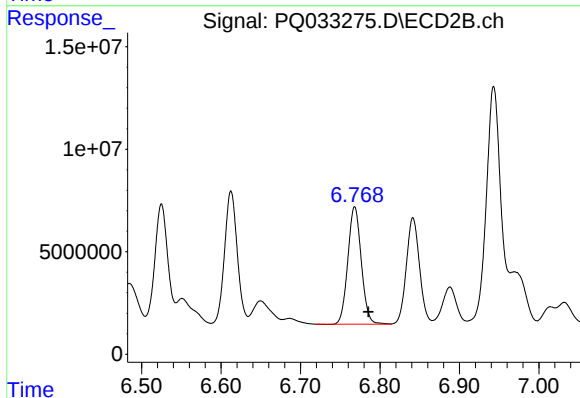
R.T.: 6.613 min
Delta R.T.: -0.017 min
Response: 70909147
Conc: 608.61 ng/ml



#33 AR-1260-3

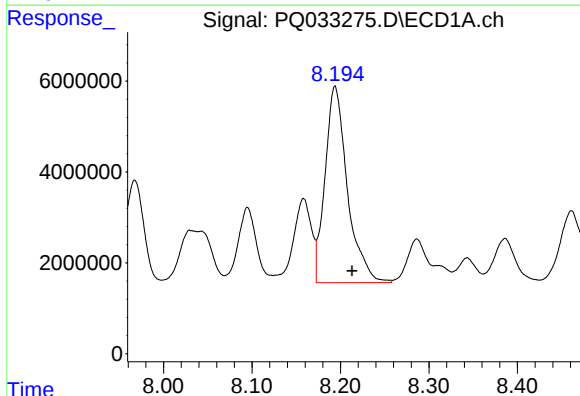
R.T.: 7.968 min
Delta R.T.: -0.013 min
Response: 35285307
Conc: 453.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



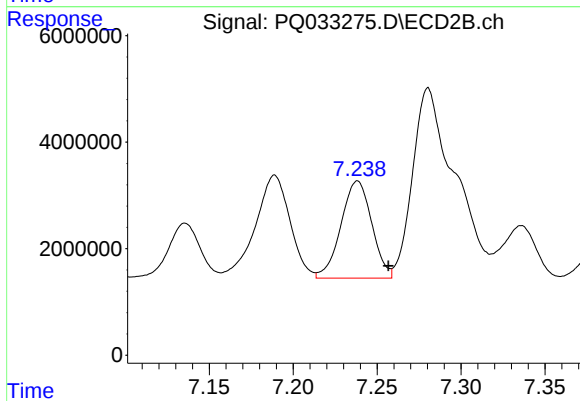
#33 AR-1260-3

R.T.: 6.768 min
Delta R.T.: -0.017 min
Response: 67360997
Conc: 624.62 ng/ml



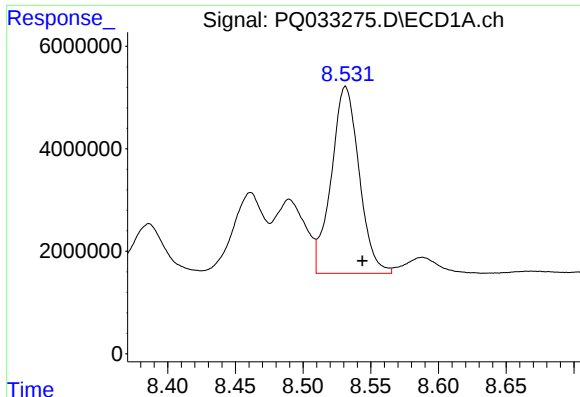
#34 AR-1260-4

R.T.: 8.194 min
Delta R.T.: -0.019 min
Response: 75986139
Conc: 750.65 ng/ml



#34 AR-1260-4

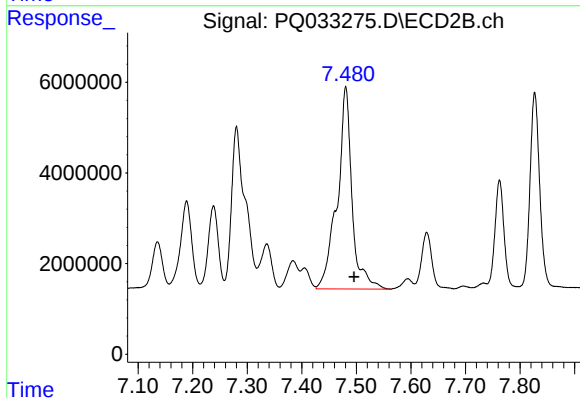
R.T.: 7.238 min
Delta R.T.: -0.018 min
Response: 23282317
Conc: 302.88 ng/ml



#35 AR-1260-5

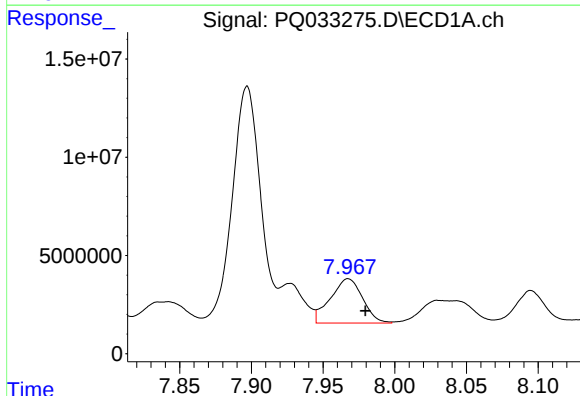
R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 52172288
Conc: 276.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



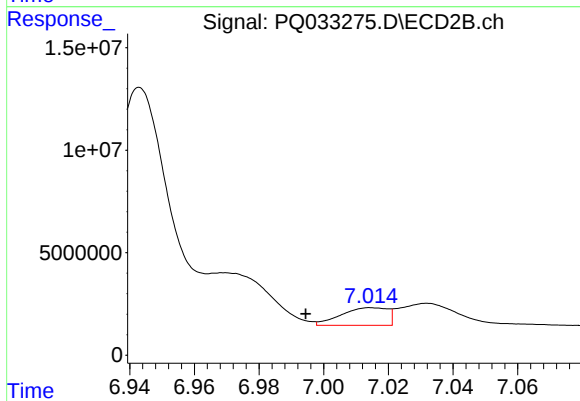
#35 AR-1260-5

R.T.: 7.481 min
Delta R.T.: -0.015 min
Response: 84351148
Conc: 439.06 ng/ml



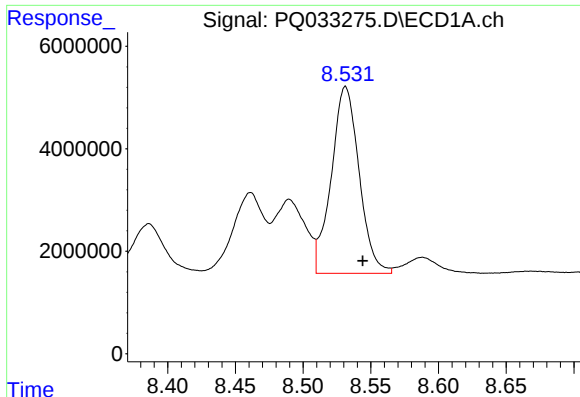
#36 AR-1262-1

R.T.: 7.968 min
Delta R.T.: -0.012 min
Response: 35285307
Conc: 261.78 ng/ml



#36 AR-1262-1

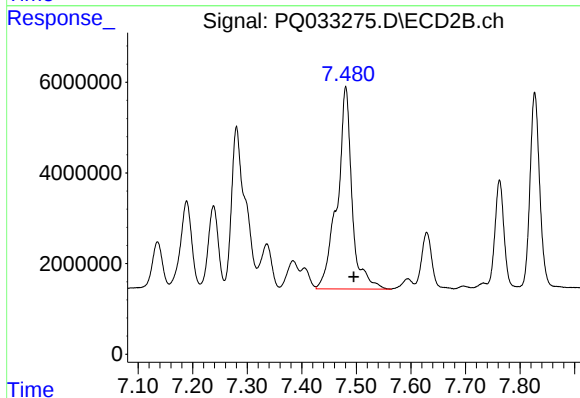
R.T.: 7.015 min
Delta R.T.: 0.020 min
Response: 8588602
Conc: 66.83 ng/ml



#37 AR-1262-2

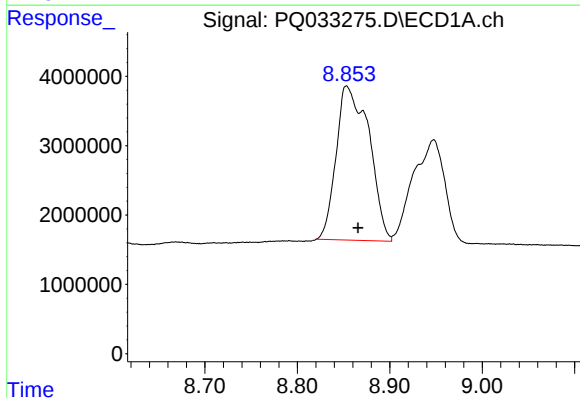
R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 52172288
Conc: 210.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



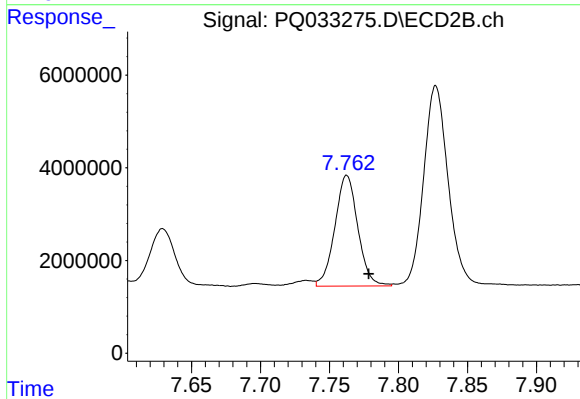
#37 AR-1262-2

R.T.: 7.481 min
Delta R.T.: -0.015 min
Response: 84351148
Conc: 352.14 ng/ml



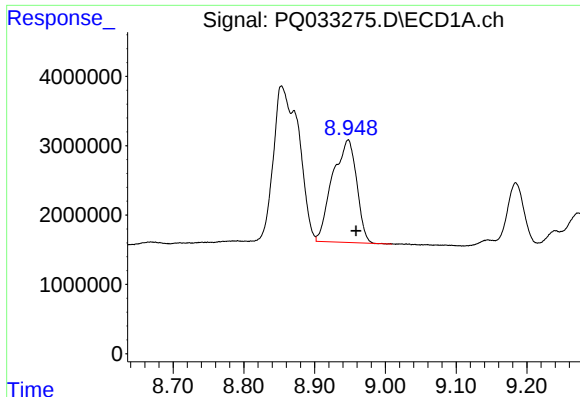
#38 AR-1262-3

R.T.: 8.853 min
Delta R.T.: -0.013 min
Response: 54888617
Conc: 331.84 ng/ml



#38 AR-1262-3

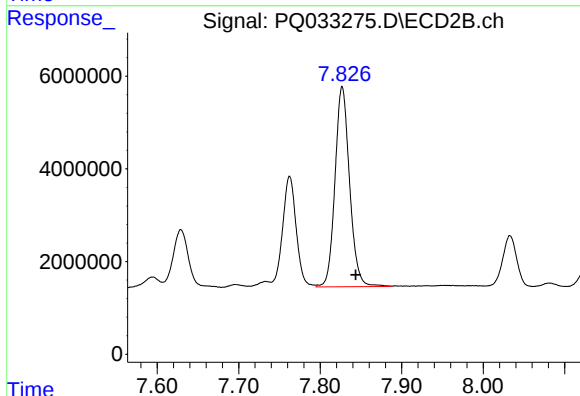
R.T.: 7.763 min
Delta R.T.: -0.016 min
Response: 27688236
Conc: 297.25 ng/ml



#39 AR-1262-4

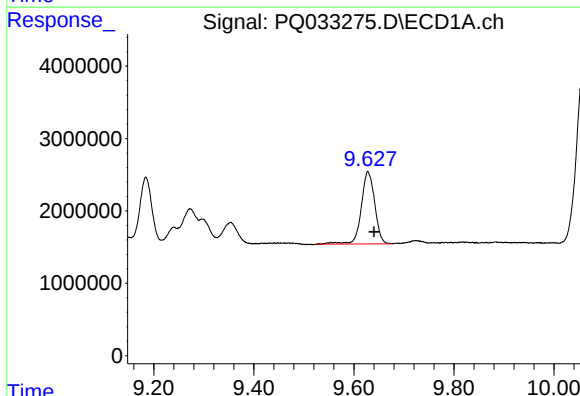
R.T.: 8.947 min
Delta R.T.: -0.011 min
Response: 35071578
Conc: 514.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



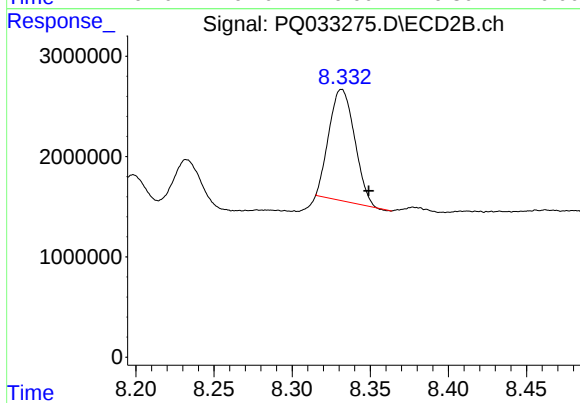
#39 AR-1262-4

R.T.: 7.827 min
Delta R.T.: -0.017 min
Response: 53669343
Conc: 308.28 ng/ml



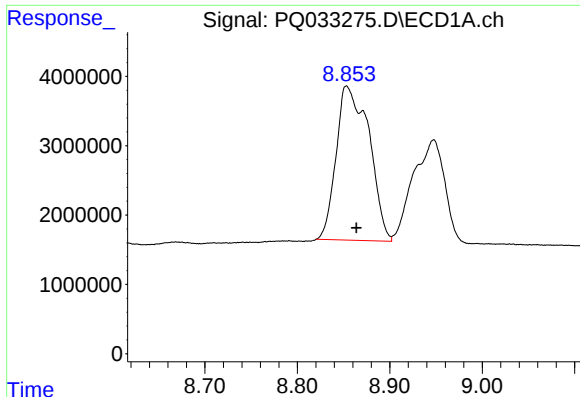
#40 AR-1262-5

R.T.: 9.628 min
Delta R.T.: -0.012 min
Response: 18619241
Conc: 212.81 ng/ml



#40 AR-1262-5

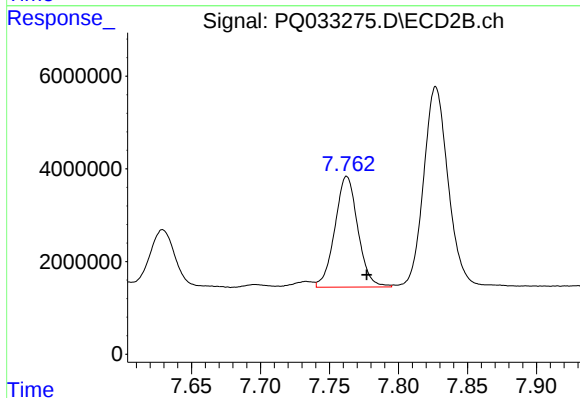
R.T.: 8.332 min
Delta R.T.: -0.017 min
Response: 12682025
Conc: 157.16 ng/ml



#41 AR-1268-1

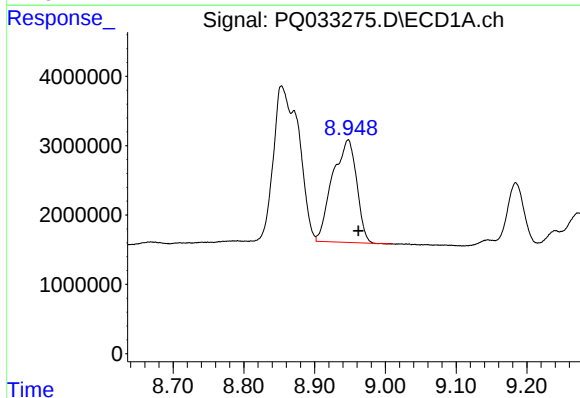
R.T.: 8.853 min
Delta R.T.: -0.011 min
Response: 54888617
Conc: 149.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



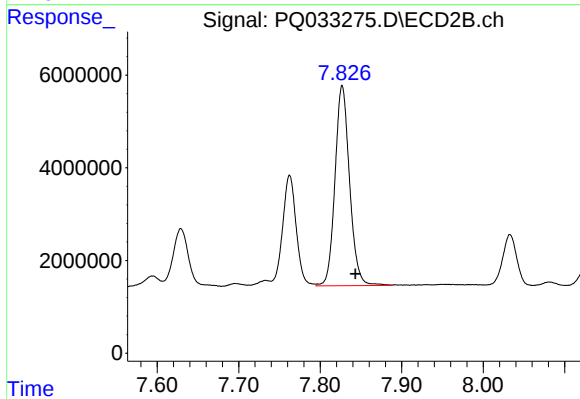
#41 AR-1268-1

R.T.: 7.763 min
Delta R.T.: -0.014 min
Response: 27688236
Conc: 80.99 ng/ml



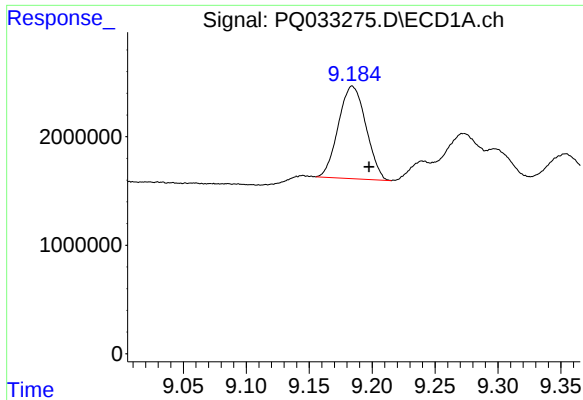
#42 AR-1268-2

R.T.: 8.947 min
Delta R.T.: -0.014 min
Response: 35071578
Conc: 105.23 ng/ml



#42 AR-1268-2

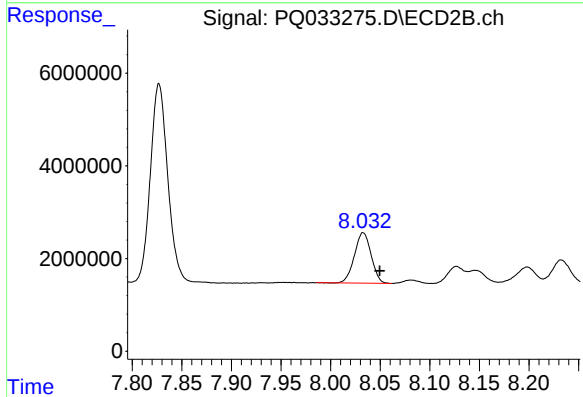
R.T.: 7.827 min
Delta R.T.: -0.016 min
Response: 53669343
Conc: 173.68 ng/ml



#43 AR-1268-3

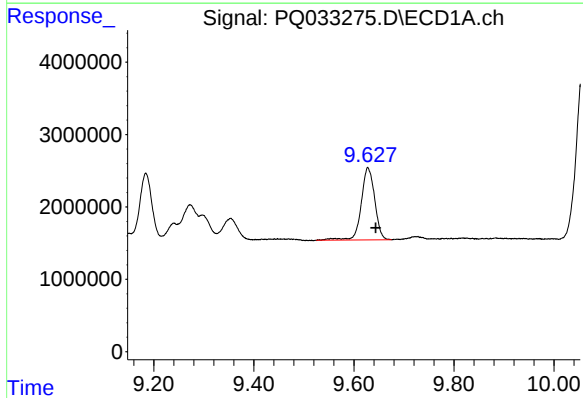
R.T.: 9.184 min
Delta R.T.: -0.013 min
Response: 13010865
Conc: 46.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



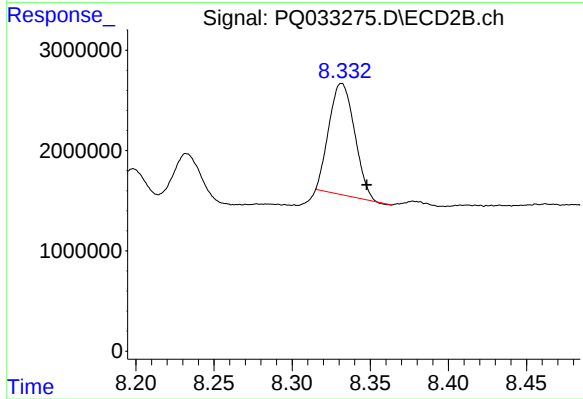
#43 AR-1268-3

R.T.: 8.033 min
Delta R.T.: -0.017 min
Response: 12758361
Conc: 49.87 ng/ml



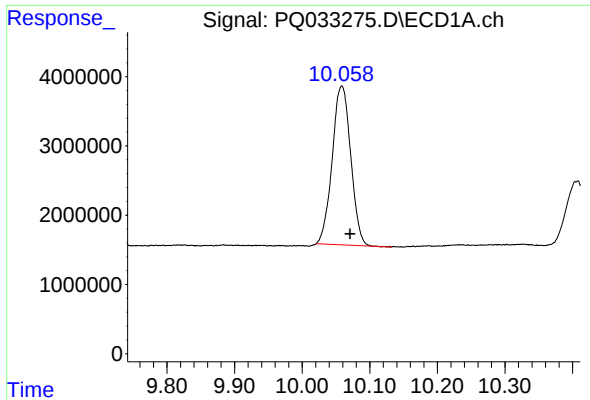
#44 AR-1268-4

R.T.: 9.628 min
Delta R.T.: -0.016 min
Response: 18619241
Conc: 154.11 ng/ml



#44 AR-1268-4

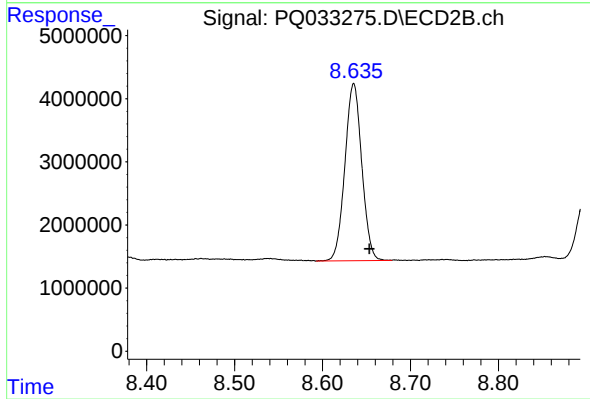
R.T.: 8.332 min
Delta R.T.: -0.016 min
Response: 12682025
Conc: 114.97 ng/ml



#45 AR-1268-5

R.T.: 10.059 min
Delta R.T.: -0.012 min
Response: 43603860
Conc: 47.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.636 min
Delta R.T.: -0.018 min
Response: 37467196
Conc: 44.79 ng/ml