

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112818\
 Data File : PQ035042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Nov 2018 10:01
 Operator : SM\SJ
 Sample : J6027-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 01:06:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 16 03:52:57 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...	4.526	3.815	61085547	44446375	22.177	26.222
2)	SA Decachlor...	10.310	8.834	71738113	49354765	26.039	25.322
Target Compounds							
3)	L1 AR-1016-1	5.728	4.843	2493288	1737609	26.611	26.451
4)	L1 AR-1016-2	5.728	0.000	2493288	0	18.110	N.D. #
5)	L1 AR-1016-3	5.793	5.102	2835995	974472	34.334	19.984 #
6)	L1 AR-1016-4	5.857	5.134	3478673	2025866	51.376	51.700
7)	L1 AR-1016-5	6.183	5.351	283.3E6	1434498	4118.222	27.674 #
8)	L2 AR-1221-1	4.743	4.018	1528432	4427991	49.679	224.970 #
9)	L2 AR-1221-2	0.000	4.161	0	2535104	N.D.	182.554 #
10)	L2 AR-1221-3	0.000	4.161	0	2535104	N.D.	52.393 #
11)	L3 AR-1232-1	0.000	4.161	0	2535104	N.D.	72.291 #
12)	L3 AR-1232-2	5.410	0.000	3783385	0	131.352	N.D. #
13)	L3 AR-1232-3	5.728	5.102	2493288	974472	42.422	48.566
14)	L3 AR-1232-4	5.857	5.177	3478673	1412848	125.323	81.305 #
15)	L3 AR-1232-5	5.973	5.351	4528952	1434498	206.630	74.112 #
16)	L4 AR-1242-1	5.728	4.843	2493288	1737609	32.782	33.434
17)	L4 AR-1242-2	5.728	0.000	2493288	0	22.307	N.D. #
18)	L4 AR-1242-3	5.793	5.102	2835995	974472	42.601	25.022 #
19)	L4 AR-1242-4	5.857	5.177	3478673	1412848	63.512	36.589 #
20)	L4 AR-1242-5	6.621	5.702	4697383	26492782	75.913	533.077 #
21)	L5 AR-1248-1	5.728	4.843	2493288	1737609	41.985	43.050
22)	L5 AR-1248-2	5.973	5.134	4528952	2025866	54.125	36.747 #
23)	L5 AR-1248-3	6.183	5.177	283.3E6	1412848	2935.221	25.087 #
24)	L5 AR-1248-4	6.621	5.351	4697383	1434498	42.827	20.671 #
25)	L5 AR-1248-5	6.621	5.742	4697383	3144692	45.063	44.064
26)	L6 AR-1254-1	6.555	5.702	37212880	26492782	332.630	242.377 #
27)	L6 AR-1254-2	6.771	5.848	39952692	19657930	225.821	205.658
28)	L6 AR-1254-3	7.146	6.263	38371477	52900232	197.993	327.169 #
29)	L6 AR-1254-4	7.422	6.478	13014886	3205712	91.693	30.973 #
30)	L6 AR-1254-5	7.842	6.893	126.7E6	87730124	841.551	618.328 #
31)	L7 AR-1260-1	7.300	6.379	81584339	58832823	587.720	548.721
32)	L7 AR-1260-2	7.555	6.566	182.0E6	67196071	1064.311	500.350 #
33)	L7 AR-1260-3	7.916	6.720	73673678	61220411	691.292	498.681 #
34)	L7 AR-1260-4	8.146	7.189	85365322	53342500	644.526	618.464
35)	L7 AR-1260-5	8.472	7.431	181.1E6	131.2E6	667.534	596.915
36)	L8 AR-1262-1	7.916	6.928	73673678	61382283	389.320	412.533
37)	L8 AR-1262-2	8.472	7.431	181.1E6	131.2E6	515.575	476.571
38)	L8 AR-1262-3	8.810	7.710	101.9E6	29097153	443.277	269.077 #
39)	L8 AR-1262-4	8.865	7.777	61242487	86744662	359.316	433.083
40)	L8 AR-1262-5	9.553	8.278	43175127	27191174	354.035	298.614
41)	L9 AR-1268-1	8.810	7.710	101.9E6	29097153	236.370	87.371 #

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 Acq On : 28 Nov 2018 10:01
 Operator : SM\SJ
 Sample : J6027-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

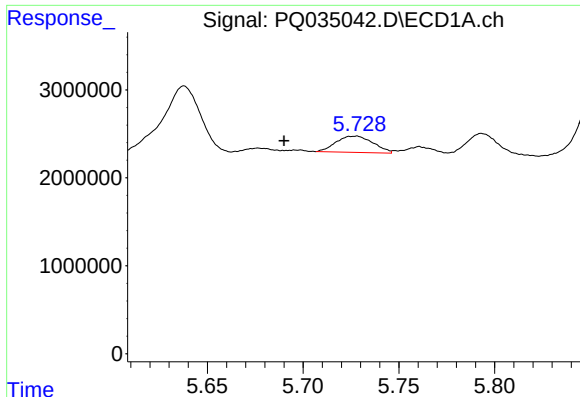
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 01:06:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
 Quant Title : GC EXTRACTABLES
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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	8.865	7.777	61242487	86744662	157.773	290.445 #
43) L9	AR-1268-3	9.112	7.978	3942051	2574698	11.866	10.385
44) L9	AR-1268-4	9.553	8.278	43175127	27191174	312.604	255.656
45) L9	AR-1268-5	9.971	8.576	14039502	9563683	12.737	12.022

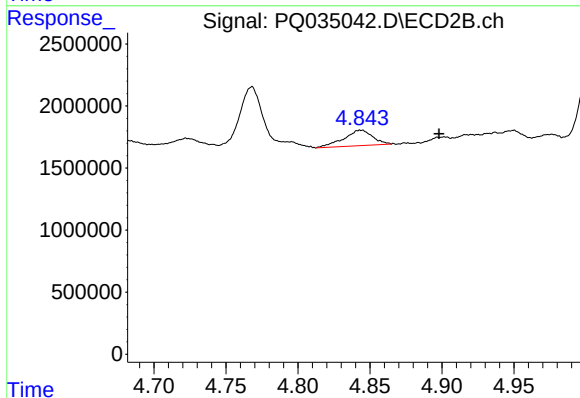
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

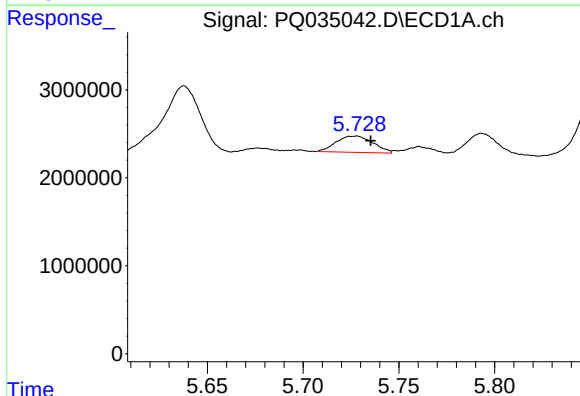
R.T.: 5.728 min
Delta R.T.: 0.038 min
Response: 2493288
Conc: 26.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



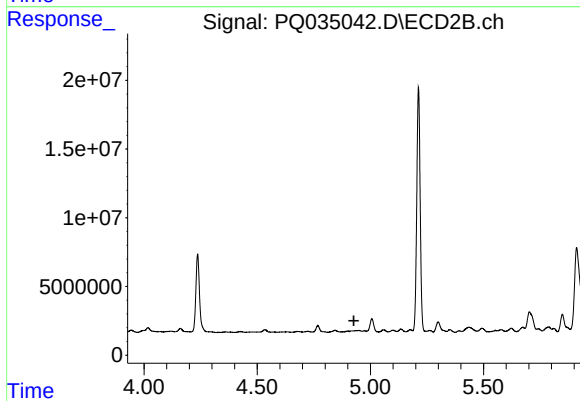
#3 AR-1016-1

R.T.: 4.843 min
Delta R.T.: -0.055 min
Response: 1737609
Conc: 26.45 ng/ml



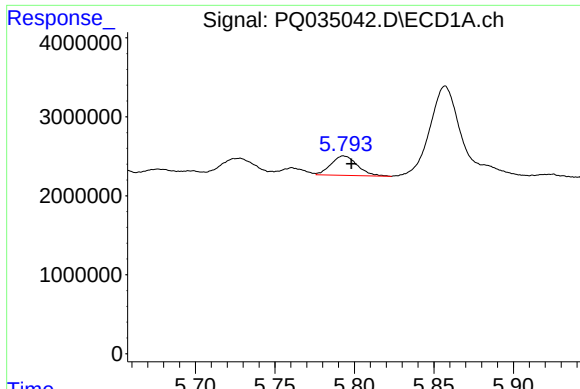
#4 AR-1016-2

R.T.: 5.728 min
Delta R.T.: -0.007 min
Response: 2493288
Conc: 18.11 ng/ml



#4 AR-1016-2

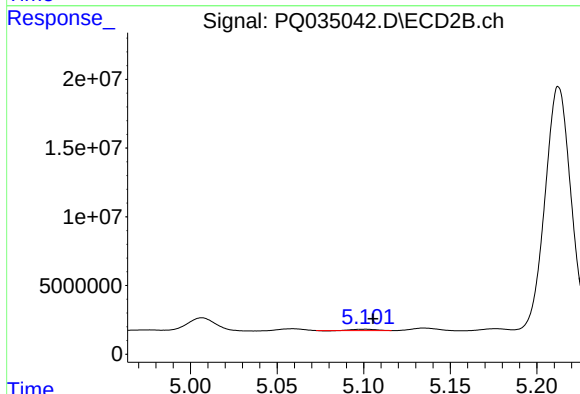
R.T.: 0.000 min
Exp R.T.: 4.927 min
Response: 0
Conc: N.D.



#5 AR-1016-3

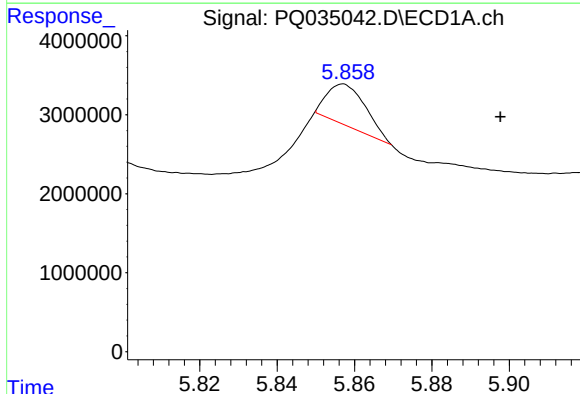
R.T.: 5.793 min
Delta R.T.: -0.005 min
Response: 2835995
Conc: 34.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



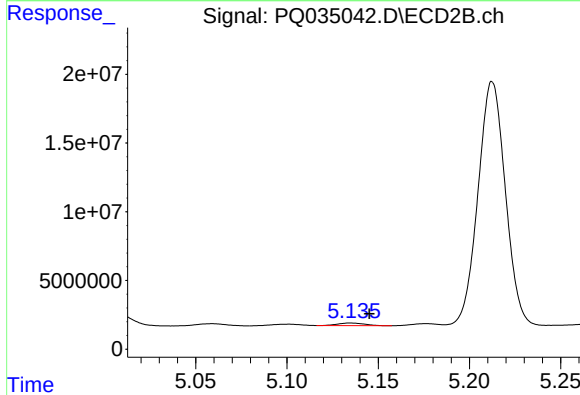
#5 AR-1016-3

R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 974472
Conc: 19.98 ng/ml



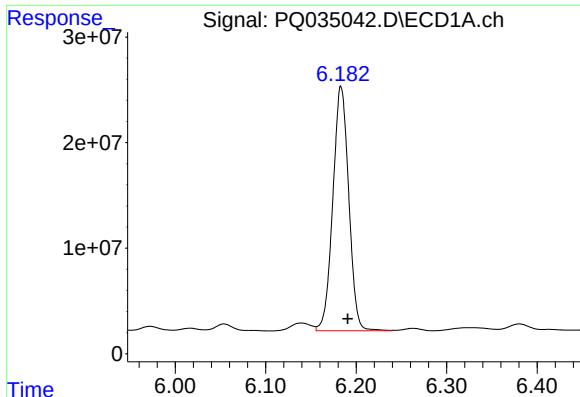
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.040 min
Response: 3478673
Conc: 51.38 ng/ml



#6 AR-1016-4

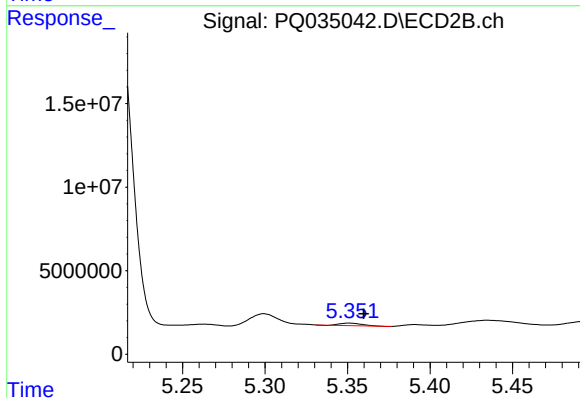
R.T.: 5.134 min
Delta R.T.: -0.011 min
Response: 2025866
Conc: 51.70 ng/ml



#7 AR-1016-5

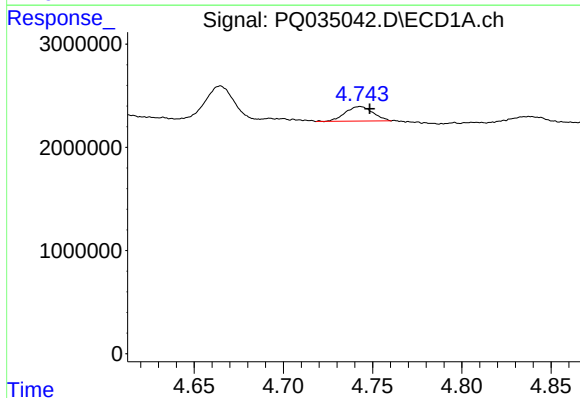
R.T.: 6.183 min
Delta R.T.: -0.008 min
Response: 283274723
Conc: 4118.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



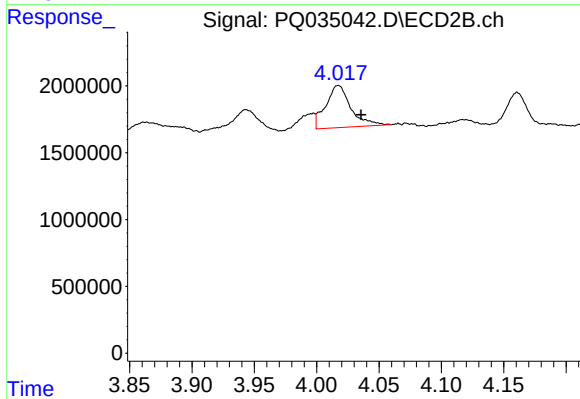
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: -0.008 min
Response: 1434498
Conc: 27.67 ng/ml



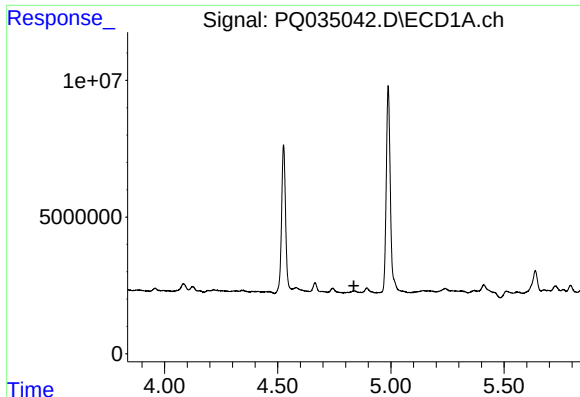
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 1528432
Conc: 49.68 ng/ml



#8 AR-1221-1

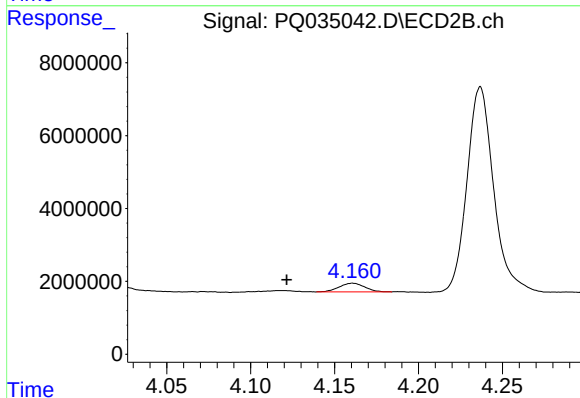
R.T.: 4.018 min
Delta R.T.: -0.018 min
Response: 4427991
Conc: 224.97 ng/ml



#9 AR-1221-2

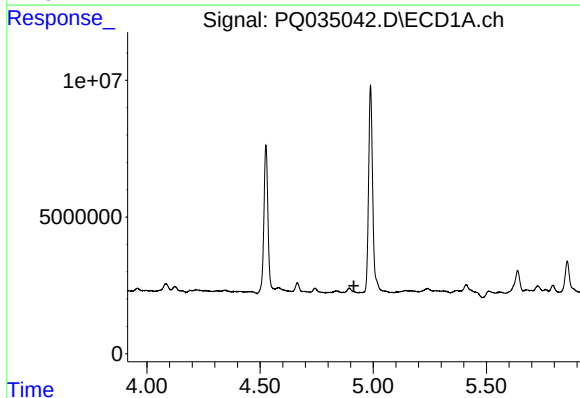
R.T.: 0.000 min
Exp R.T.: 4.836 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



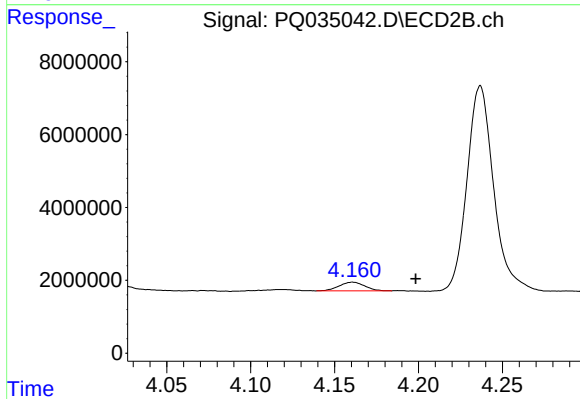
#9 AR-1221-2

R.T.: 4.161 min
Delta R.T.: 0.039 min
Response: 2535104
Conc: 182.55 ng/ml



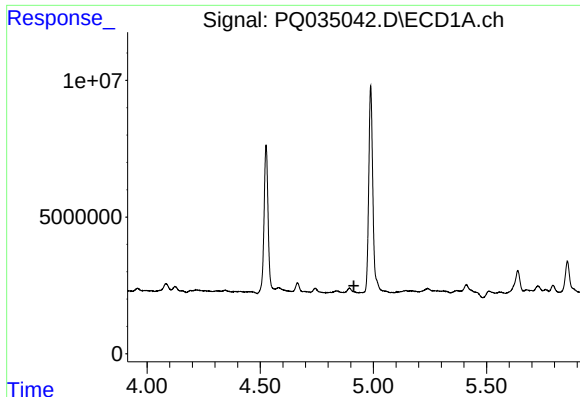
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.914 min
Response: 0
Conc: N.D.



#10 AR-1221-3

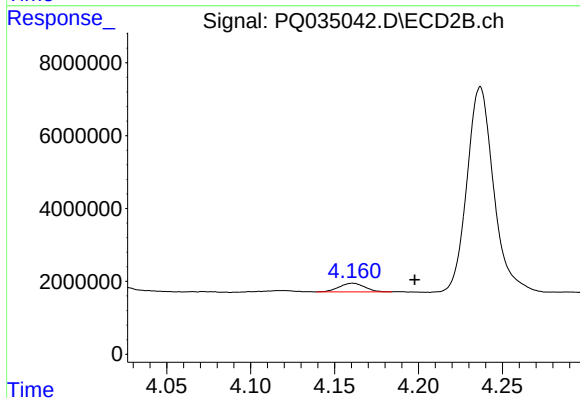
R.T.: 4.161 min
Delta R.T.: -0.037 min
Response: 2535104
Conc: 52.39 ng/ml



#11 AR-1232-1

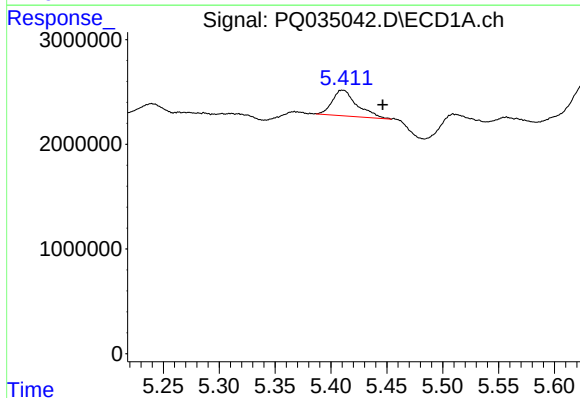
R.T.: 0.000 min
Exp R.T.: 4.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



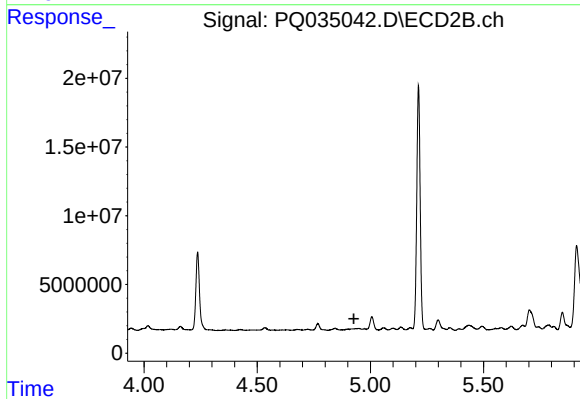
#11 AR-1232-1

R.T.: 4.161 min
Delta R.T.: -0.037 min
Response: 2535104
Conc: 72.29 ng/ml



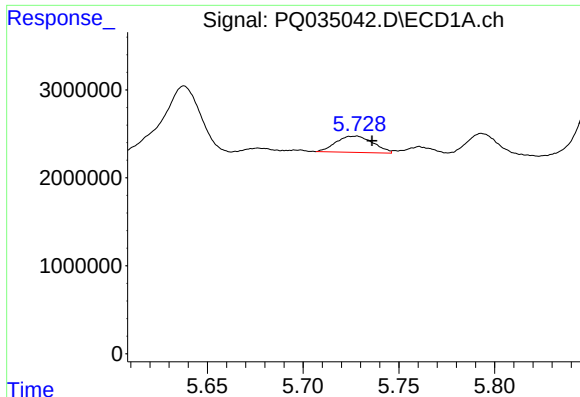
#12 AR-1232-2

R.T.: 5.410 min
Delta R.T.: -0.036 min
Response: 3783385
Conc: 131.35 ng/ml



#12 AR-1232-2

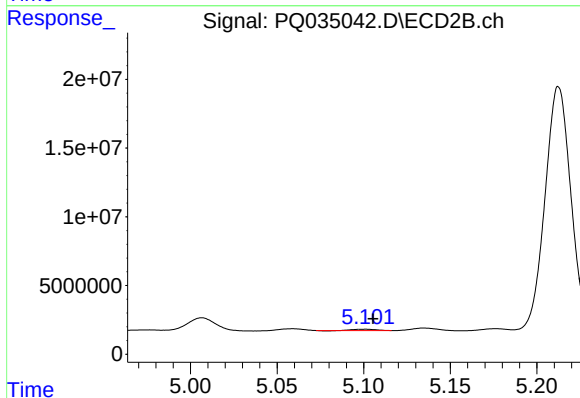
R.T.: 0.000 min
Exp R.T.: 4.927 min
Response: 0
Conc: N.D.



#13 AR-1232-3

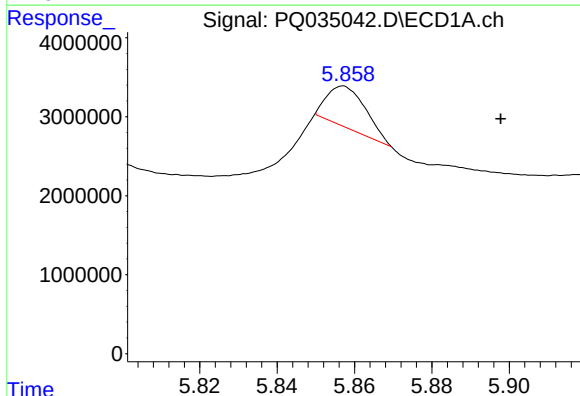
R.T.: 5.728 min
Delta R.T.: -0.008 min
Response: 2493288
Conc: 42.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



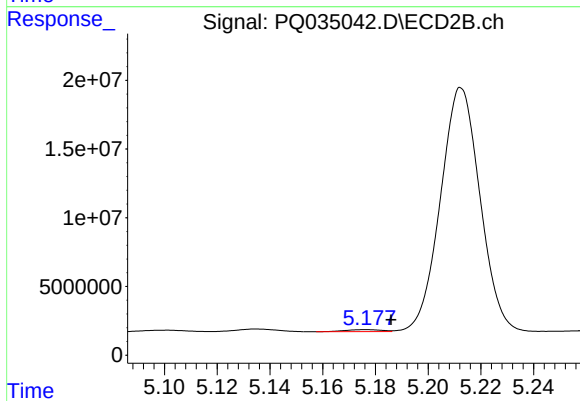
#13 AR-1232-3

R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 974472
Conc: 48.57 ng/ml



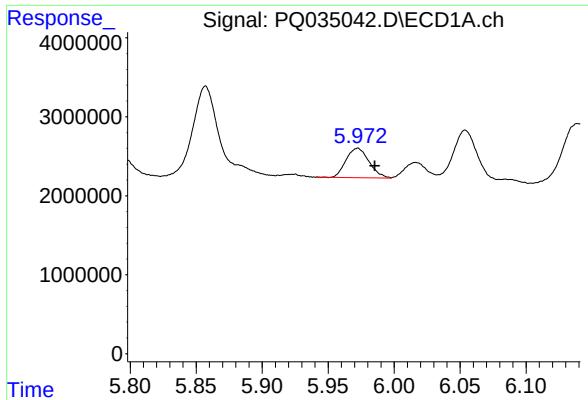
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: -0.041 min
Response: 3478673
Conc: 125.32 ng/ml



#14 AR-1232-4

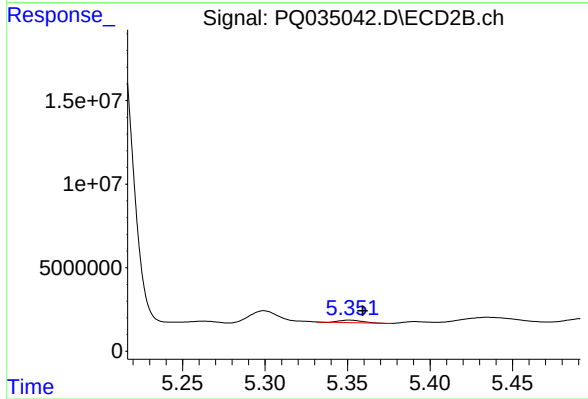
R.T.: 5.177 min
Delta R.T.: -0.009 min
Response: 1412848
Conc: 81.31 ng/ml



#15 AR-1232-5

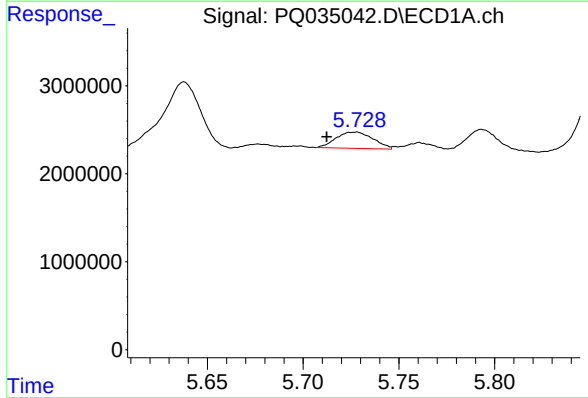
R.T.: 5.973 min
Delta R.T.: -0.012 min
Response: 4528952
Conc: 206.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



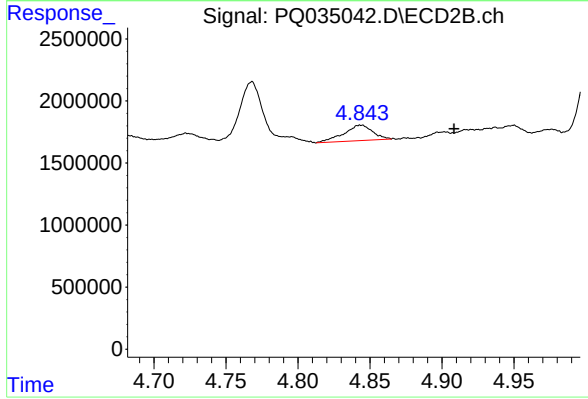
#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: -0.008 min
Response: 1434498
Conc: 74.11 ng/ml



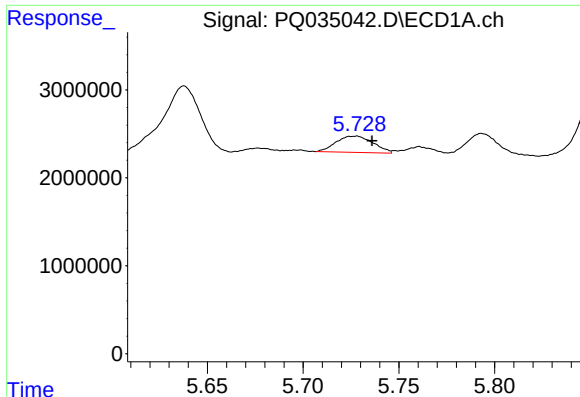
#16 AR-1242-1

R.T.: 5.728 min
Delta R.T.: 0.016 min
Response: 2493288
Conc: 32.78 ng/ml



#16 AR-1242-1

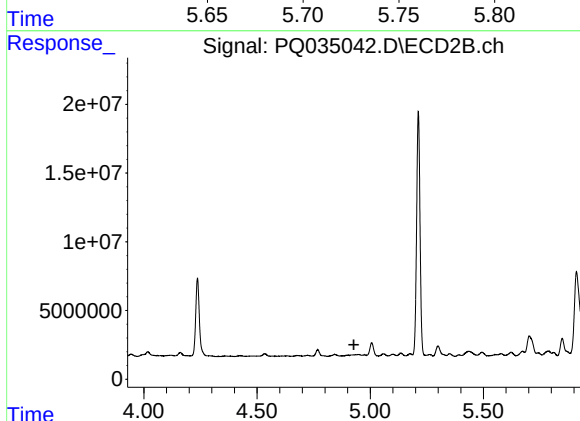
R.T.: 4.843 min
Delta R.T.: -0.065 min
Response: 1737609
Conc: 33.43 ng/ml



#17 AR-1242-2

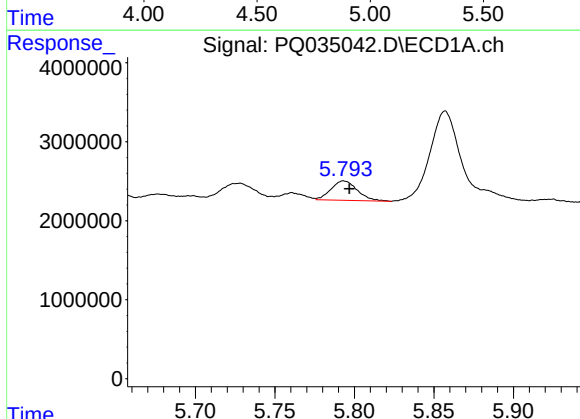
R.T.: 5.728 min
Delta R.T.: -0.008 min
Response: 2493288
Conc: 22.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



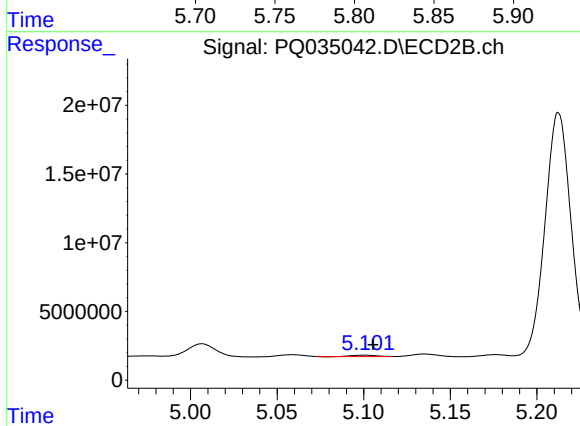
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



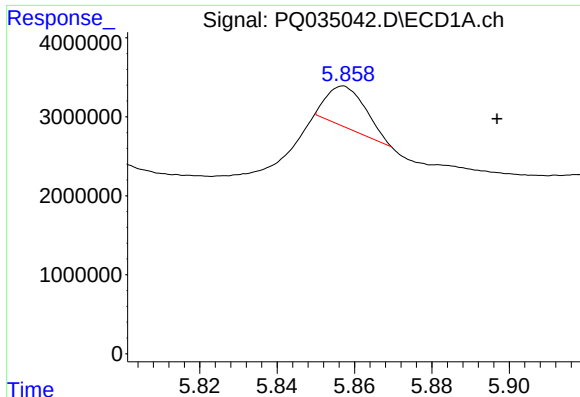
#18 AR-1242-3

R.T.: 5.793 min
Delta R.T.: -0.004 min
Response: 2835995
Conc: 42.60 ng/ml



#18 AR-1242-3

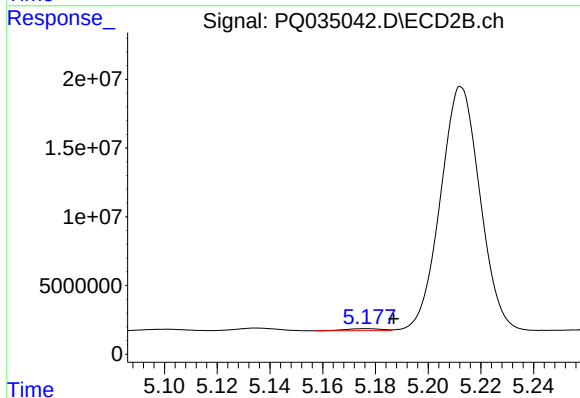
R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 974472
Conc: 25.02 ng/ml



#19 AR-1242-4

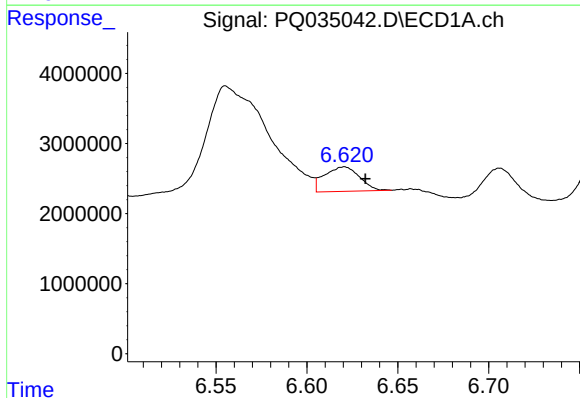
R.T.: 5.857 min
Delta R.T.: -0.040 min
Response: 3478673
Conc: 63.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



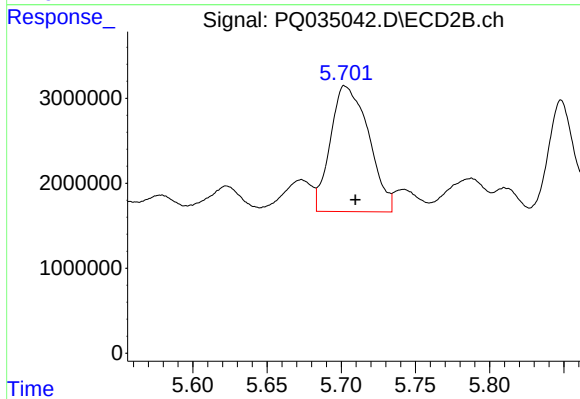
#19 AR-1242-4

R.T.: 5.177 min
Delta R.T.: -0.010 min
Response: 1412848
Conc: 36.59 ng/ml



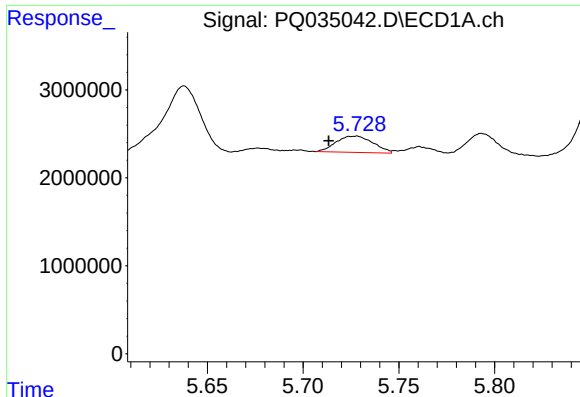
#20 AR-1242-5

R.T.: 6.621 min
Delta R.T.: -0.011 min
Response: 4697383
Conc: 75.91 ng/ml



#20 AR-1242-5

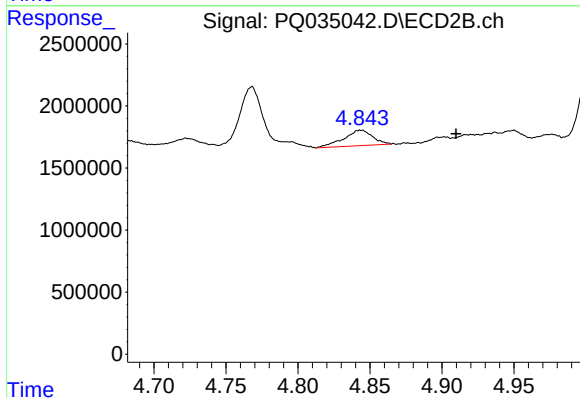
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 26492782
Conc: 533.08 ng/ml



#21 AR-1248-1

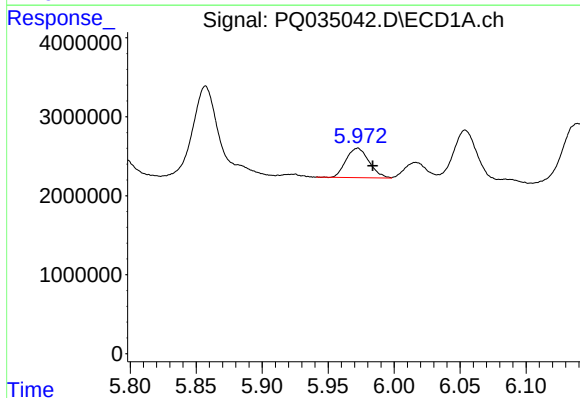
R.T.: 5.728 min
Delta R.T.: 0.015 min
Response: 2493288
Conc: 41.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



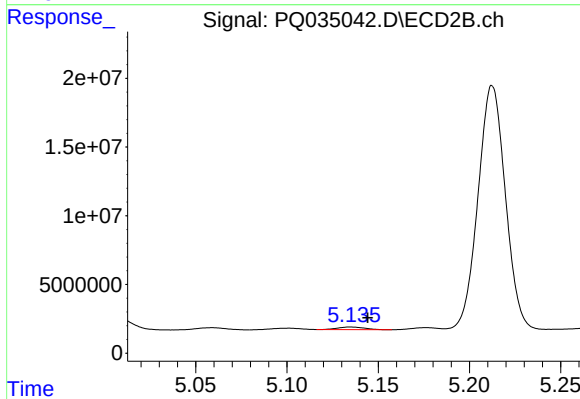
#21 AR-1248-1

R.T.: 4.843 min
Delta R.T.: -0.066 min
Response: 1737609
Conc: 43.05 ng/ml



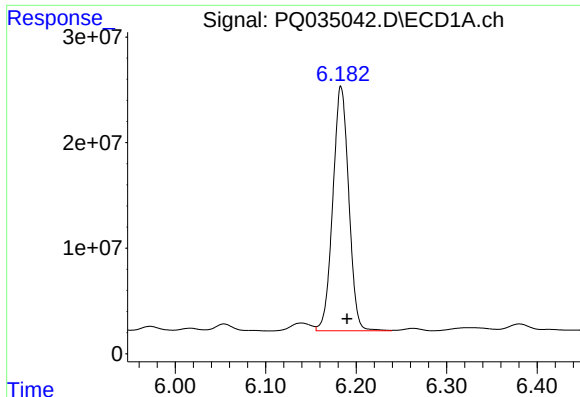
#22 AR-1248-2

R.T.: 5.973 min
Delta R.T.: -0.011 min
Response: 4528952
Conc: 54.12 ng/ml



#22 AR-1248-2

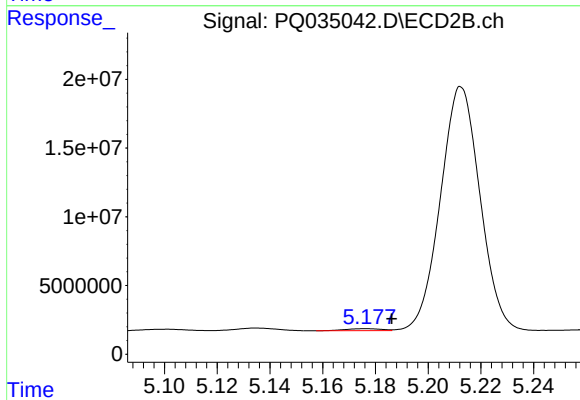
R.T.: 5.134 min
Delta R.T.: -0.011 min
Response: 2025866
Conc: 36.75 ng/ml



#23 AR-1248-3

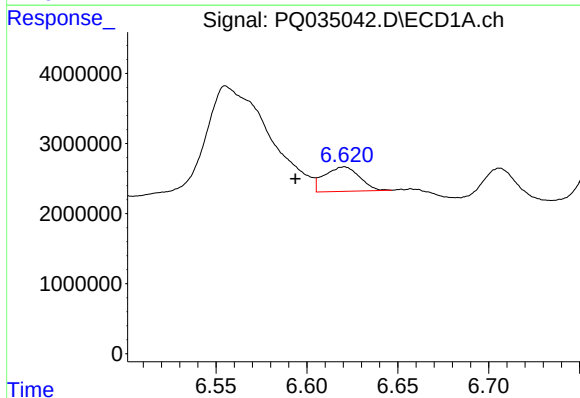
R.T.: 6.183 min
Delta R.T.: -0.007 min
Response: 283274723
Conc: 2935.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



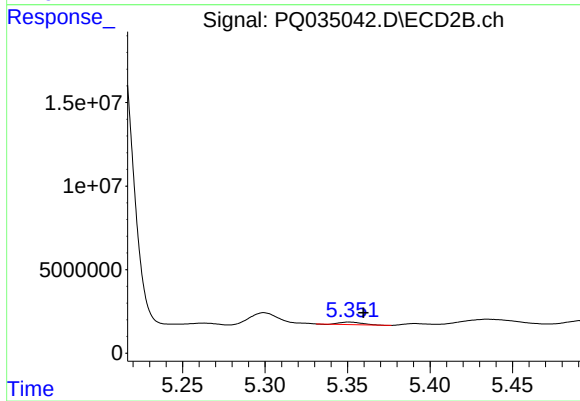
#23 AR-1248-3

R.T.: 5.177 min
Delta R.T.: -0.009 min
Response: 1412848
Conc: 25.09 ng/ml



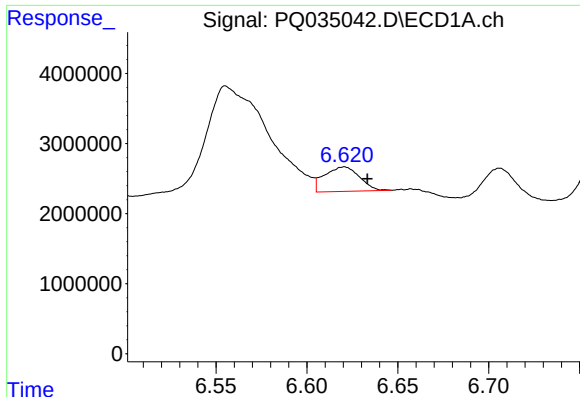
#24 AR-1248-4

R.T.: 6.621 min
Delta R.T.: 0.027 min
Response: 4697383
Conc: 42.83 ng/ml



#24 AR-1248-4

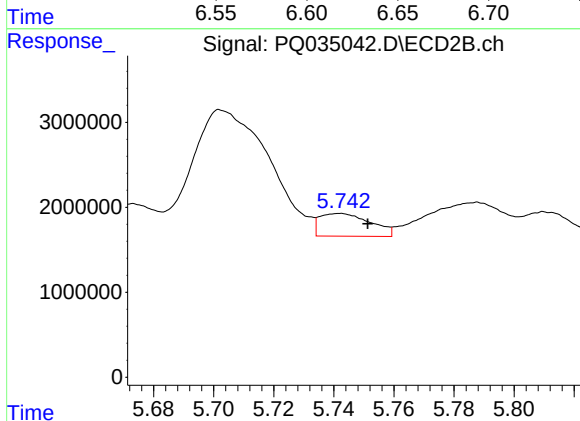
R.T.: 5.351 min
Delta R.T.: -0.008 min
Response: 1434498
Conc: 20.67 ng/ml



#25 AR-1248-5

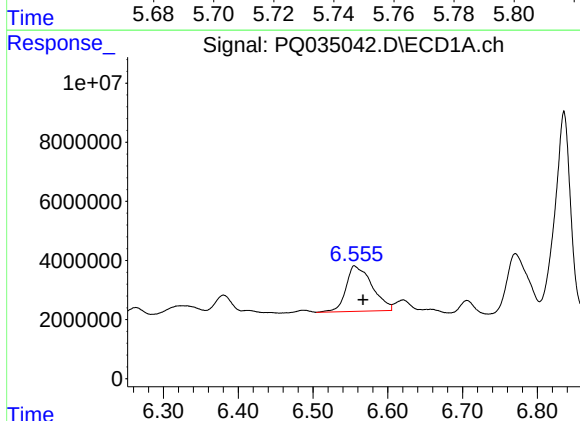
R.T.: 6.621 min
Delta R.T.: -0.012 min
Response: 4697383
Conc: 45.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



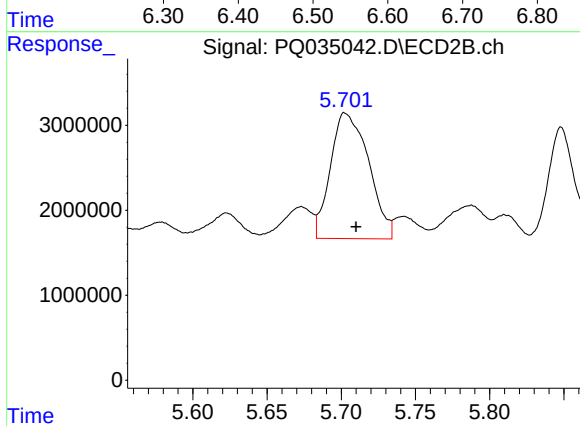
#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: -0.009 min
Response: 3144692
Conc: 44.06 ng/ml



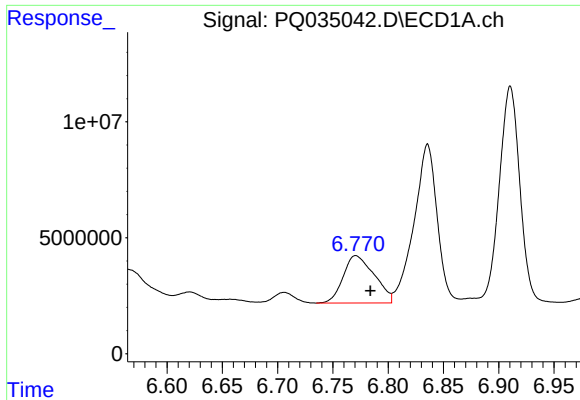
#26 AR-1254-1

R.T.: 6.555 min
Delta R.T.: -0.012 min
Response: 37212880
Conc: 332.63 ng/ml



#26 AR-1254-1

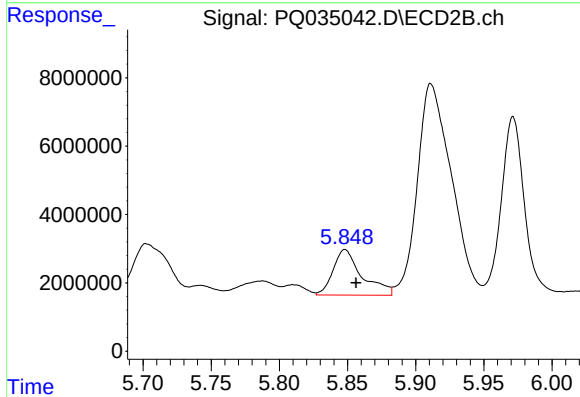
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 26492782
Conc: 242.38 ng/ml



#27 AR-1254-2

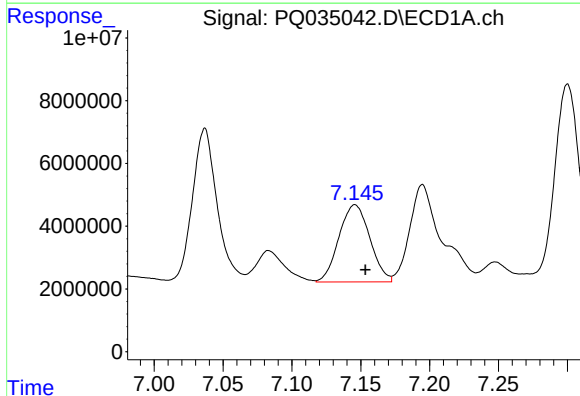
R.T.: 6.771 min
Delta R.T.: -0.013 min
Response: 39952692
Conc: 225.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



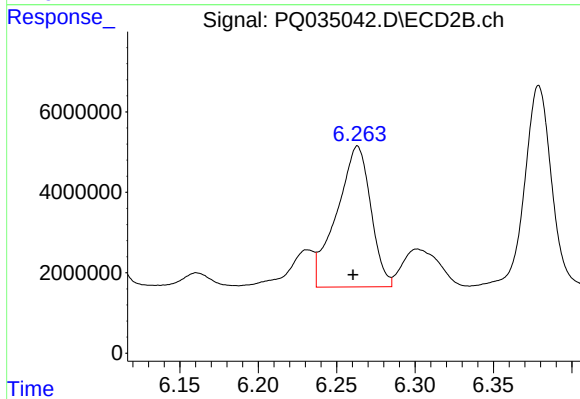
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.008 min
Response: 19657930
Conc: 205.66 ng/ml



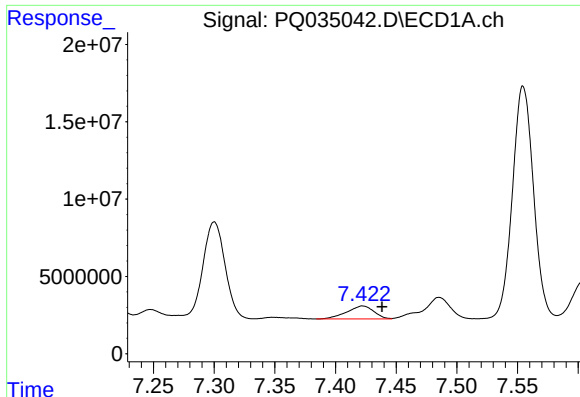
#28 AR-1254-3

R.T.: 7.146 min
Delta R.T.: -0.008 min
Response: 38371477
Conc: 197.99 ng/ml



#28 AR-1254-3

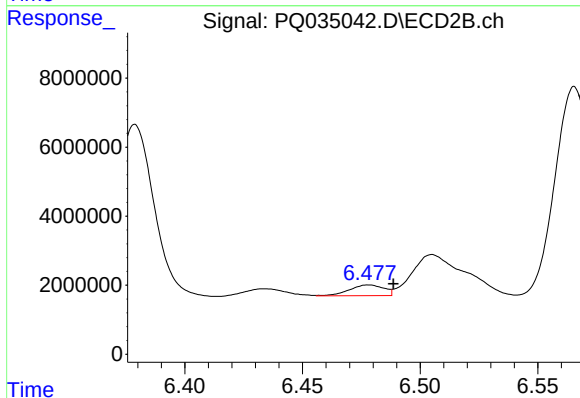
R.T.: 6.263 min
Delta R.T.: 0.003 min
Response: 52900232
Conc: 327.17 ng/ml



#29 AR-1254-4

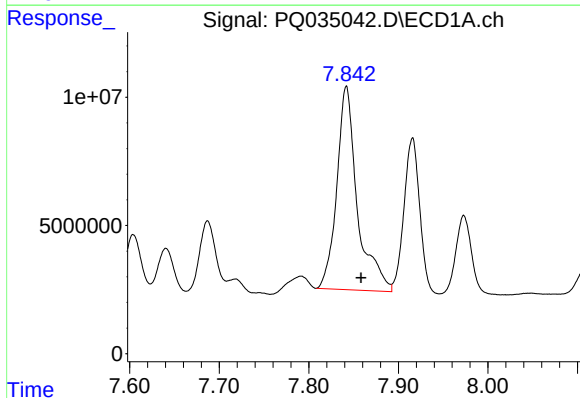
R.T.: 7.422 min
Delta R.T.: -0.016 min
Response: 13014886
Conc: 91.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



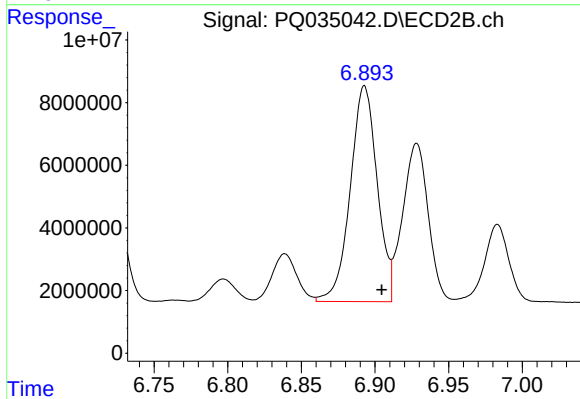
#29 AR-1254-4

R.T.: 6.478 min
Delta R.T.: -0.010 min
Response: 3205712
Conc: 30.97 ng/ml



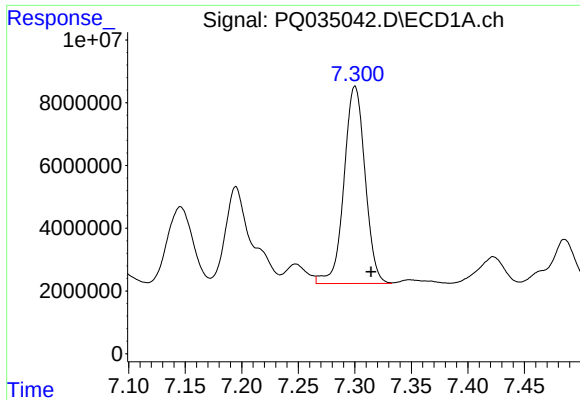
#30 AR-1254-5

R.T.: 7.842 min
Delta R.T.: -0.017 min
Response: 126671534
Conc: 841.55 ng/ml



#30 AR-1254-5

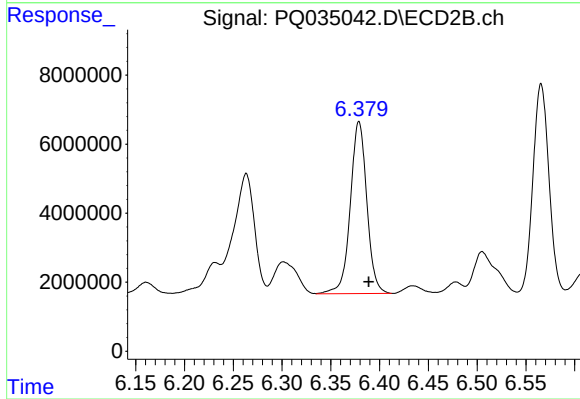
R.T.: 6.893 min
Delta R.T.: -0.012 min
Response: 87730124
Conc: 618.33 ng/ml



#31 AR-1260-1

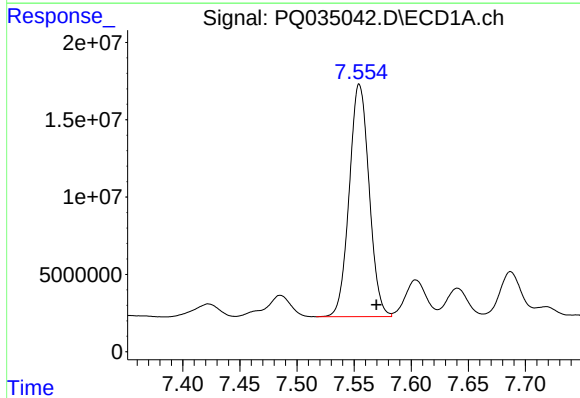
R.T.: 7.300 min
Delta R.T.: -0.014 min
Response: 81584339
Conc: 587.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



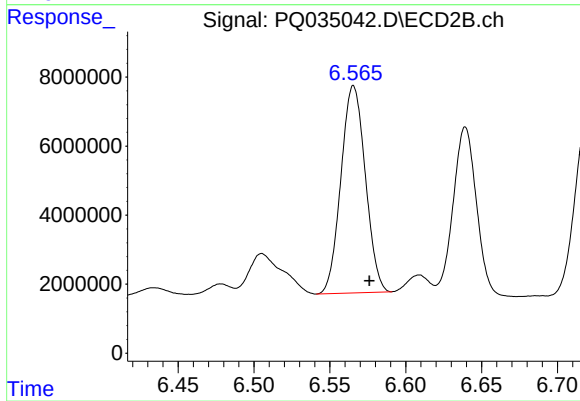
#31 AR-1260-1

R.T.: 6.379 min
Delta R.T.: -0.010 min
Response: 58832823
Conc: 548.72 ng/ml



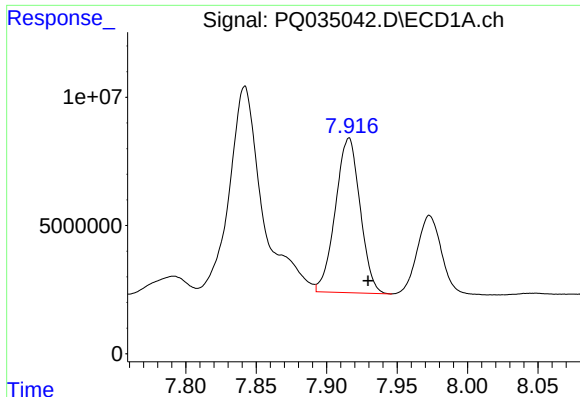
#32 AR-1260-2

R.T.: 7.555 min
Delta R.T.: -0.015 min
Response: 181958491
Conc: 1064.31 ng/ml



#32 AR-1260-2

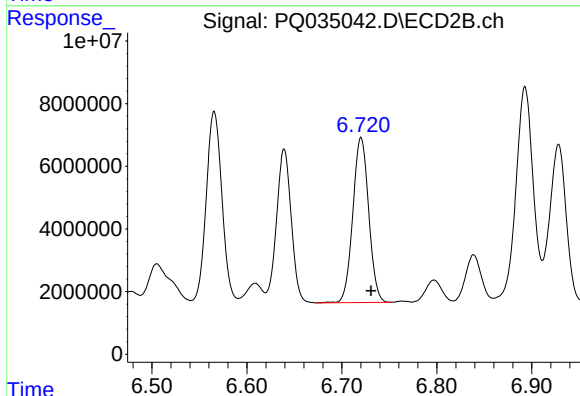
R.T.: 6.566 min
Delta R.T.: -0.010 min
Response: 67196071
Conc: 500.35 ng/ml



#33 AR-1260-3

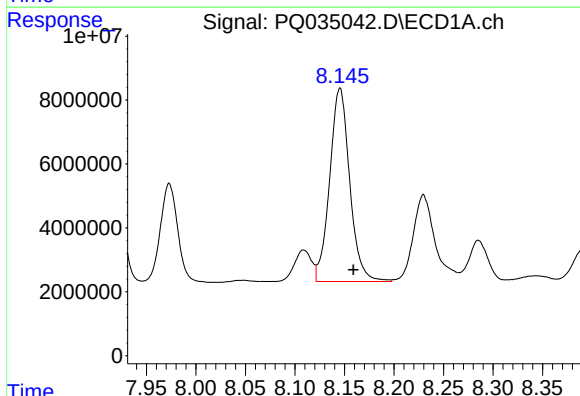
R.T.: 7.916 min
Delta R.T.: -0.014 min
Response: 73673678
Conc: 691.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



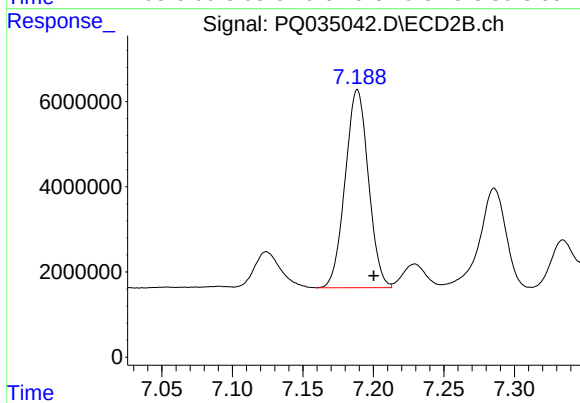
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: -0.011 min
Response: 61220411
Conc: 498.68 ng/ml



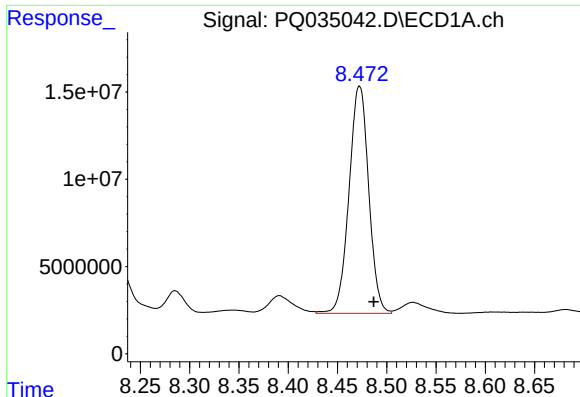
#34 AR-1260-4

R.T.: 8.146 min
Delta R.T.: -0.014 min
Response: 85365322
Conc: 644.53 ng/ml



#34 AR-1260-4

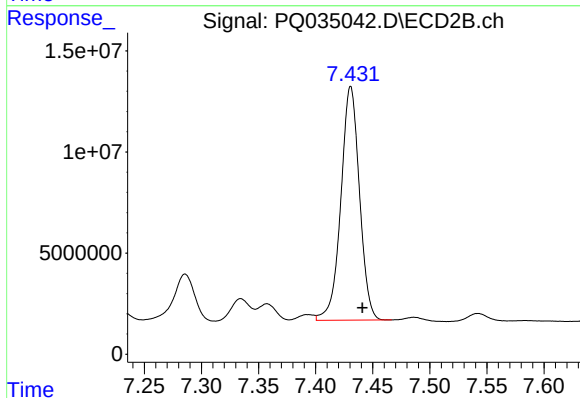
R.T.: 7.189 min
Delta R.T.: -0.012 min
Response: 53342500
Conc: 618.46 ng/ml



#35 AR-1260-5

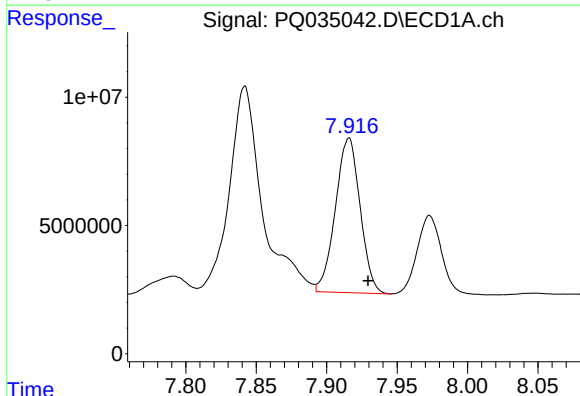
R.T.: 8.472 min
Delta R.T.: -0.014 min
Response: 181118861
Conc: 667.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



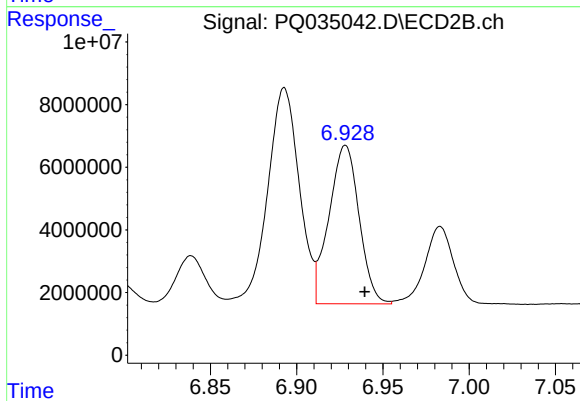
#35 AR-1260-5

R.T.: 7.431 min
Delta R.T.: -0.010 min
Response: 131214160
Conc: 596.92 ng/ml



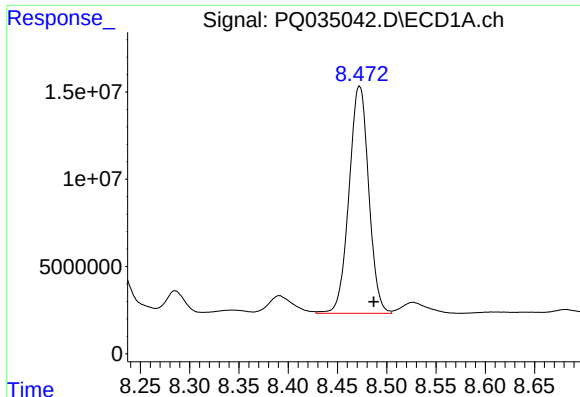
#36 AR-1262-1

R.T.: 7.916 min
Delta R.T.: -0.014 min
Response: 73673678
Conc: 389.32 ng/ml



#36 AR-1262-1

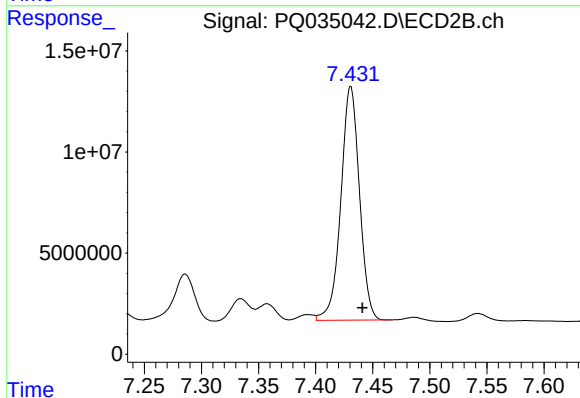
R.T.: 6.928 min
Delta R.T.: -0.011 min
Response: 61382283
Conc: 412.53 ng/ml



#37 AR-1262-2

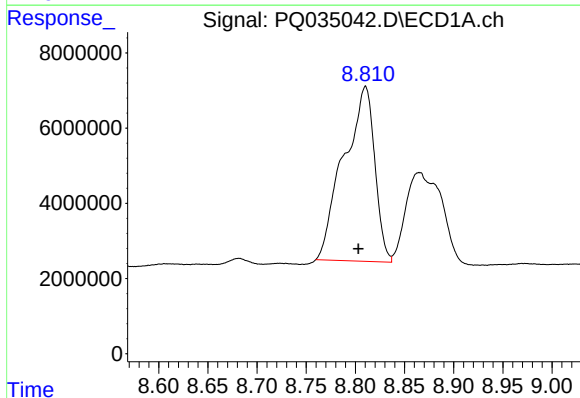
R.T.: 8.472 min
Delta R.T.: -0.014 min
Response: 181118861
Conc: 515.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



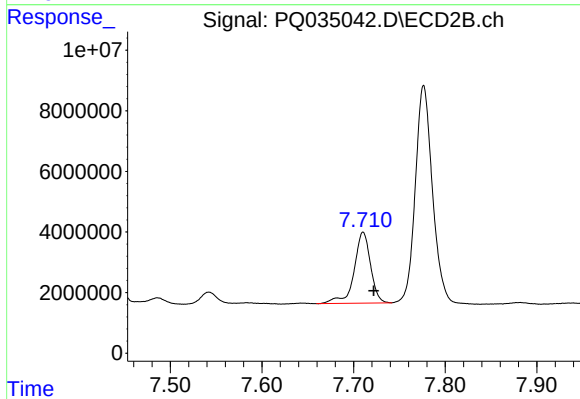
#37 AR-1262-2

R.T.: 7.431 min
Delta R.T.: -0.010 min
Response: 131214160
Conc: 476.57 ng/ml



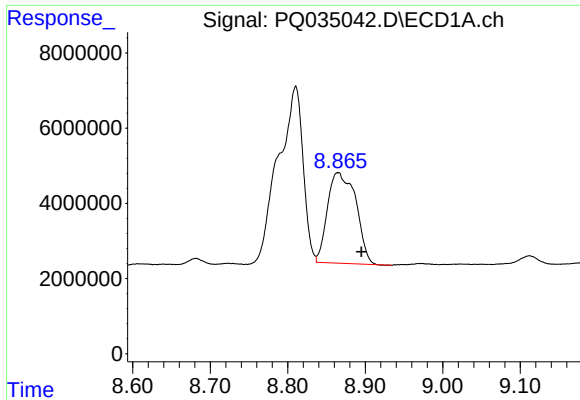
#38 AR-1262-3

R.T.: 8.810 min
Delta R.T.: 0.007 min
Response: 101853474
Conc: 443.28 ng/ml



#38 AR-1262-3

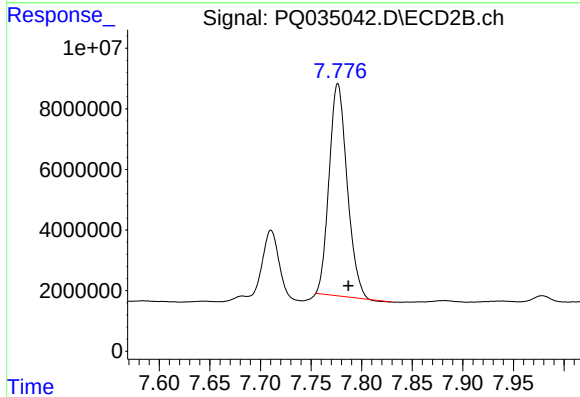
R.T.: 7.710 min
Delta R.T.: -0.011 min
Response: 29097153
Conc: 269.08 ng/ml



#39 AR-1262-4

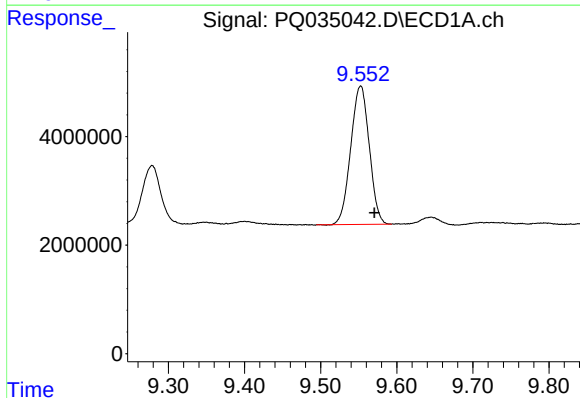
R.T.: 8.865 min
Delta R.T.: -0.030 min
Response: 61242487
Conc: 359.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



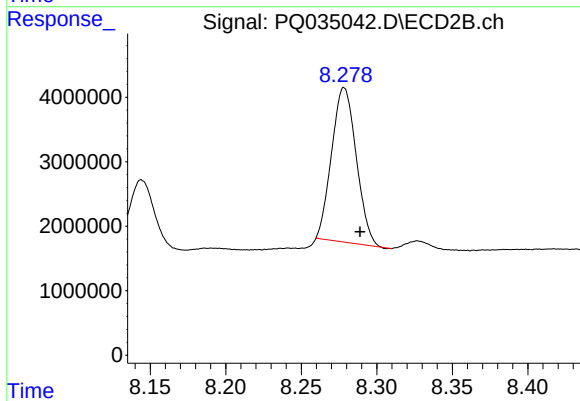
#39 AR-1262-4

R.T.: 7.777 min
Delta R.T.: -0.010 min
Response: 86744662
Conc: 433.08 ng/ml



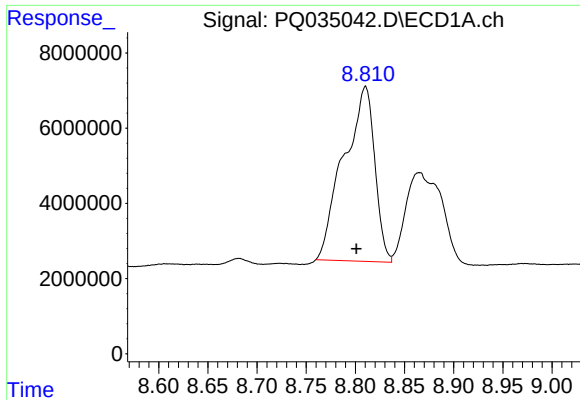
#40 AR-1262-5

R.T.: 9.553 min
Delta R.T.: -0.018 min
Response: 43175127
Conc: 354.04 ng/ml



#40 AR-1262-5

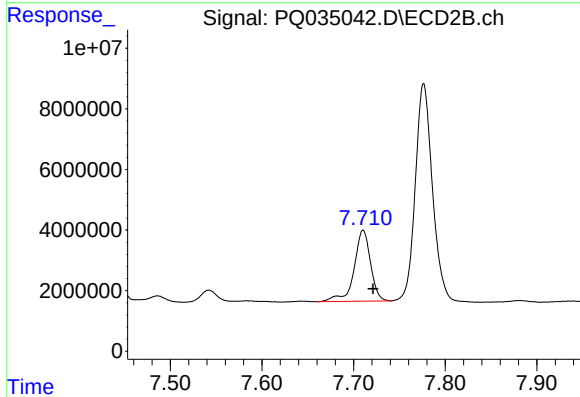
R.T.: 8.278 min
Delta R.T.: -0.011 min
Response: 27191174
Conc: 298.61 ng/ml



#41 AR-1268-1

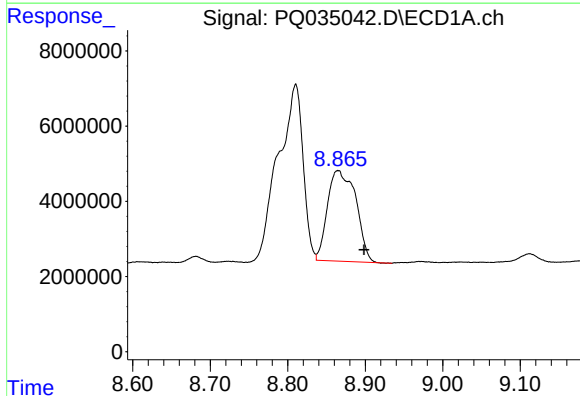
R.T.: 8.810 min
Delta R.T.: 0.009 min
Response: 101853474
Conc: 236.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



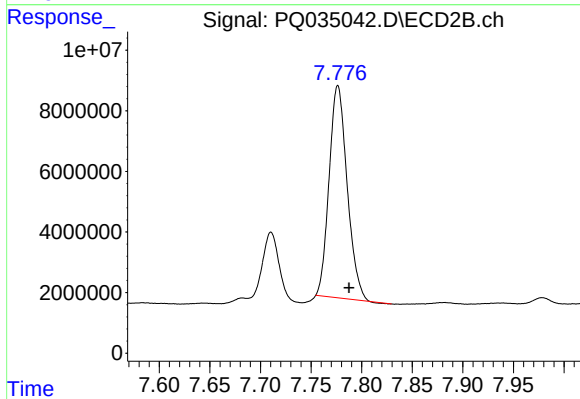
#41 AR-1268-1

R.T.: 7.710 min
Delta R.T.: -0.011 min
Response: 29097153
Conc: 87.37 ng/ml



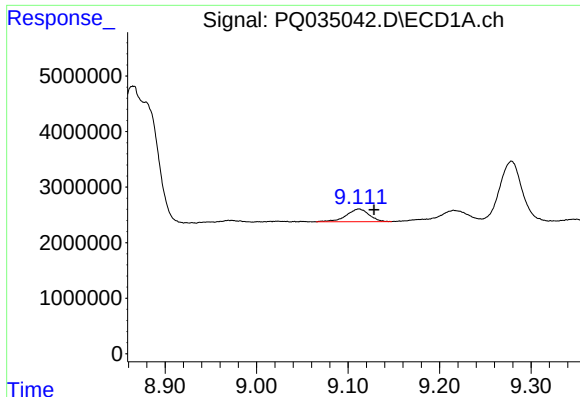
#42 AR-1268-2

R.T.: 8.865 min
Delta R.T.: -0.033 min
Response: 61242487
Conc: 157.77 ng/ml



#42 AR-1268-2

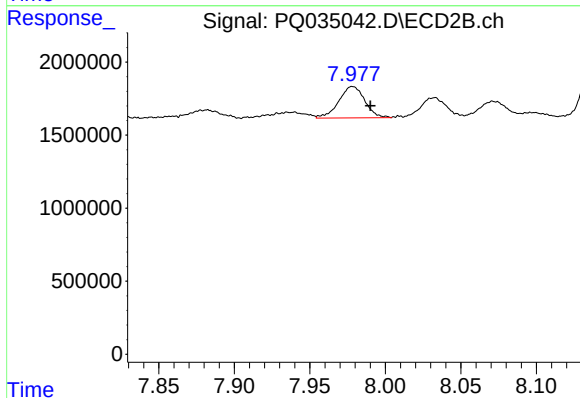
R.T.: 7.777 min
Delta R.T.: -0.011 min
Response: 86744662
Conc: 290.45 ng/ml



#43 AR-1268-3

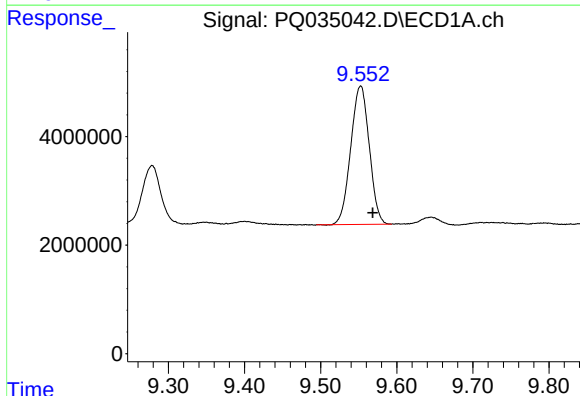
R.T.: 9.112 min
Delta R.T.: -0.017 min
Response: 3942051
Conc: 11.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



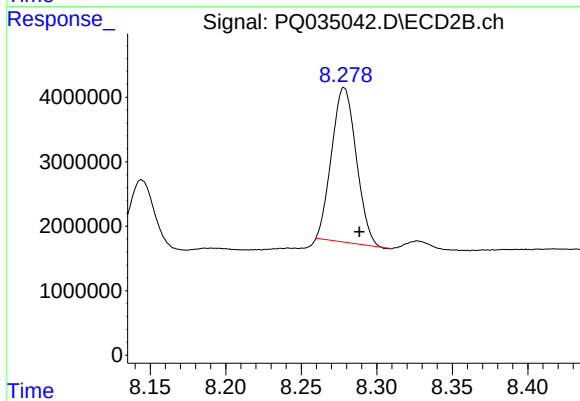
#43 AR-1268-3

R.T.: 7.978 min
Delta R.T.: -0.012 min
Response: 2574698
Conc: 10.38 ng/ml



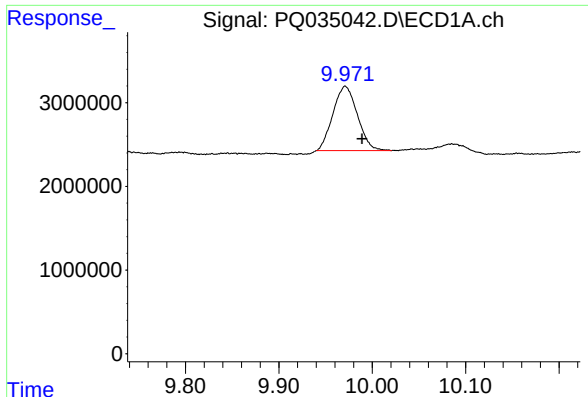
#44 AR-1268-4

R.T.: 9.553 min
Delta R.T.: -0.016 min
Response: 43175127
Conc: 312.60 ng/ml



#44 AR-1268-4

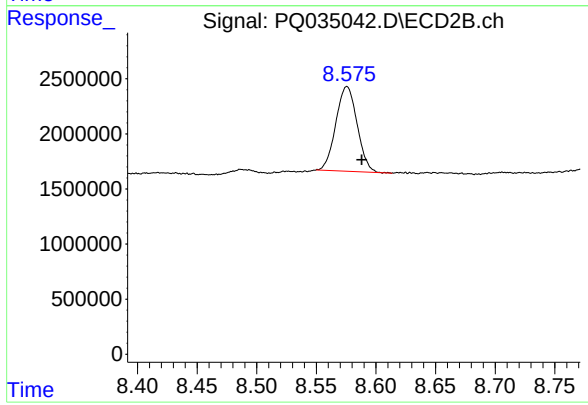
R.T.: 8.278 min
Delta R.T.: -0.010 min
Response: 27191174
Conc: 255.66 ng/ml



#45 AR-1268-5

R.T.: 9.971 min
Delta R.T.: -0.018 min
Response: 14039502
Conc: 12.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.576 min
Delta R.T.: -0.012 min
Response: 9563683
Conc: 12.02 ng/ml