

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012819\
 Data File : PQ036801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2019 16:26
 Operator : SM\SJ
 Sample : K1223-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-V

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 23:42:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.345	3.705	86628725	46428178	18.821	19.377
2)	SA Decachlor...	9.943	8.645	50141208	21130778	13.754	11.232
Target Compounds							
3)	L1 AR-1016-1	5.522	4.771	2636833	1188549	18.793	15.780
4)	L1 AR-1016-2	5.522	4.804	2636833	17263980	12.494	155.116 #
5)	L1 AR-1016-3	5.590	4.971	1082108	3319701	8.730	58.864 #
6)	L1 AR-1016-4	5.634	5.006	26752453	5645609	269.016	124.974 #
7)	L1 AR-1016-5	5.965	5.219	32359353	2419404	327.808	41.479 #
9)	L2 AR-1221-2	4.649	4.003	1708949	2990251	50.761	159.317 #
10)	L2 AR-1221-3	4.729	4.071	10164367	2910655	90.919	48.322 #
11)	L3 AR-1232-1	4.729	4.071	10164367	2910655	109.173	57.854 #
12)	L3 AR-1232-2	5.207	4.804	14394364	17263980	306.270	321.860
13)	L3 AR-1232-3	5.522	4.971	2636833	3319701	26.631	129.953 #
14)	L3 AR-1232-4	5.634	5.046	26752453	1380323	574.909	58.302 #
15)	L3 AR-1232-5	5.768	5.219	12948846	2419404	377.272	95.767 #
16)	L4 AR-1242-1	5.522	4.771	2636833	1188549	22.749	18.926
17)	L4 AR-1242-2	5.522	4.804	2636833	17263980	14.873	184.977 #
18)	L4 AR-1242-3	5.590	4.971	1082108	3319701	10.433	70.946 #
19)	L4 AR-1242-4	5.634	5.046	26752453	1380323	318.054	30.210 #
20)	L4 AR-1242-5	6.413	5.565	13144428	45392553	144.863	810.895 #
21)	L5 AR-1248-1	5.522	4.771	2636833	1188549	29.343	24.101
22)	L5 AR-1248-2	5.768	5.006	12948846	5645609	106.131	87.016
23)	L5 AR-1248-3	5.965	5.046	32359353	1380323	235.627	20.830 #
24)	L5 AR-1248-4	6.413	5.219	13144428	2419404	83.751	30.462 #
25)	L5 AR-1248-5	6.413	5.651	13144428	8102506	88.576	102.548
26)	L6 AR-1254-1	6.348	5.565	103.9E6	45392553	585.946	339.047 #
27)	L6 AR-1254-2	6.560	5.710	79269816	29477058	304.292	266.372
28)	L6 AR-1254-3	6.928	6.115	53628492	41586436	200.304	231.042
29)	L6 AR-1254-4	7.211	6.337	22166156	11000126	111.723	83.362 #
30)	L6 AR-1254-5	6.627	6.749	116.7E6	56303506	571.648	374.898 #
31)	L7 AR-1260-1	7.085	6.236	86664255	44297131	444.980	385.889
32)	L7 AR-1260-2	7.340	6.423	99911102	49841933	432.626	354.531
33)	L7 AR-1260-3	7.696	6.574	54193776	41745458	375.799	325.701
34)	L7 AR-1260-4	7.925	7.040	65200110	26032448	382.938	298.987
35)	L7 AR-1260-5	8.238	7.283	124.3E6	62441435	369.503	285.994
36)	L8 AR-1262-1	7.696	6.781	54193776	29479790	195.653	175.654
37)	L8 AR-1262-2	8.238	7.283	124.3E6	62441435	253.396	206.207
38)	L8 AR-1262-3	8.558	7.559	50136949	9947545	241.068	88.566 #
39)	L8 AR-1262-4	8.607	7.626	38140122	41357911	157.231	191.723
40)	L8 AR-1262-5	9.254	8.120	19109796	9645177	117.444	102.556
41)	L9 AR-1268-1	8.532	7.559	19006859	9947545	30.130	27.368
42)	L9 AR-1268-2	8.607	7.626	38140122	41357911	64.808	124.823 #

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 Acq On : 28 Jan 2019 16:26
 Operator : SM\SJ
 Sample : K1223-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

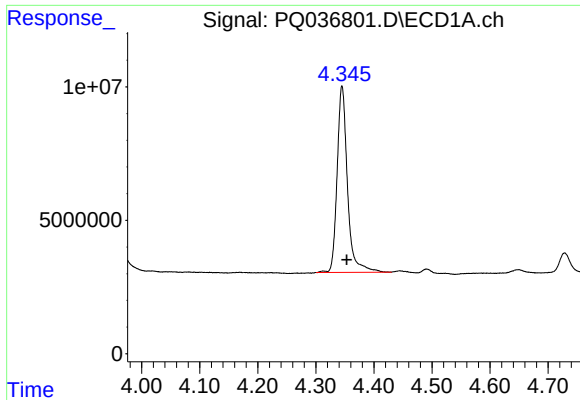
Instrument :
 ECD_Q
 ClientSampleId :
 TS-V

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 23:42:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
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 Response via : Initial Calibration
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.833	0.000	2416867	0	4.776	N.D. #
44) L9	AR-1268-4	9.254	8.120	19109796	9645177	98.123	86.395
45) L9	AR-1268-5	9.638	8.403	5386468	2758707	3.318	3.186

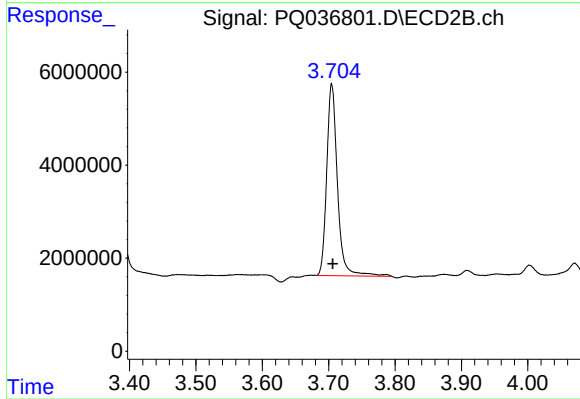
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

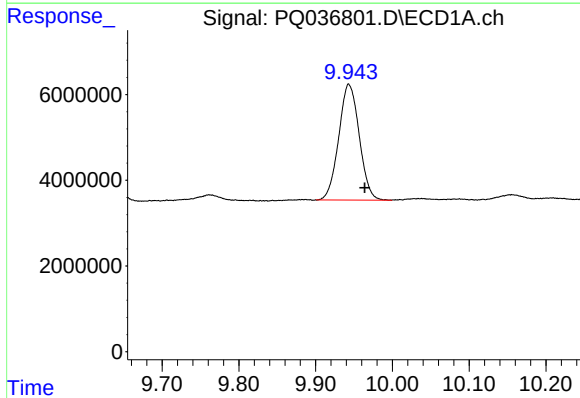
R.T.: 4.345 min
Delta R.T.: -0.008 min
Response: 86628725
Conc: 18.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



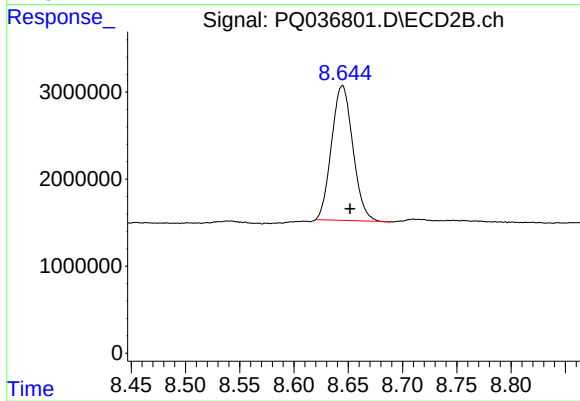
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: -0.001 min
Response: 46428178
Conc: 19.38 ng/ml



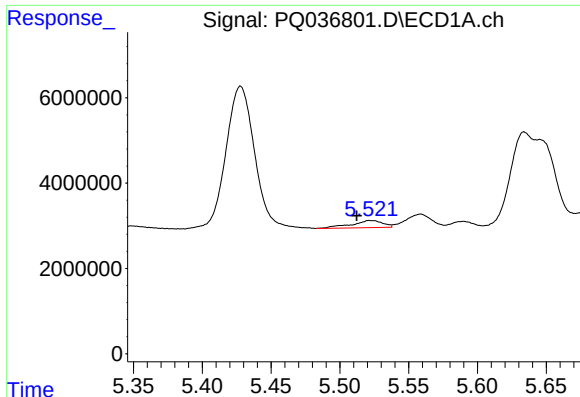
#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: -0.021 min
Response: 50141208
Conc: 13.75 ng/ml



#2 Decachlorobiphenyl

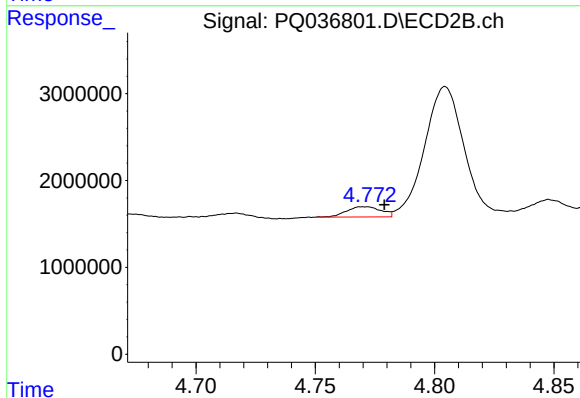
R.T.: 8.645 min
Delta R.T.: -0.007 min
Response: 21130778
Conc: 11.23 ng/ml



#3 AR-1016-1

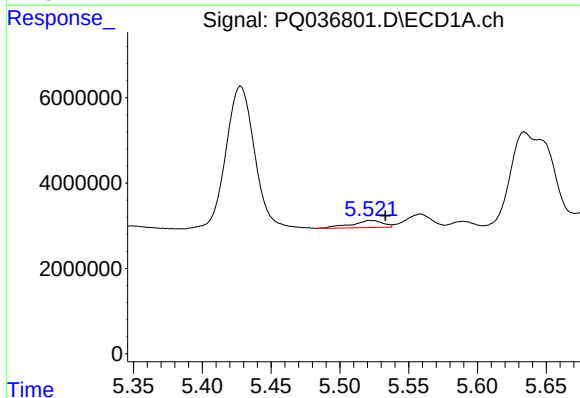
R.T.: 5.522 min
Delta R.T.: 0.010 min
Response: 2636833
Conc: 18.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



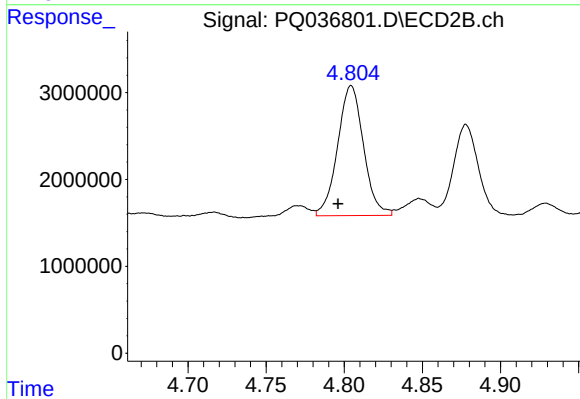
#3 AR-1016-1

R.T.: 4.771 min
Delta R.T.: -0.008 min
Response: 1188549
Conc: 15.78 ng/ml



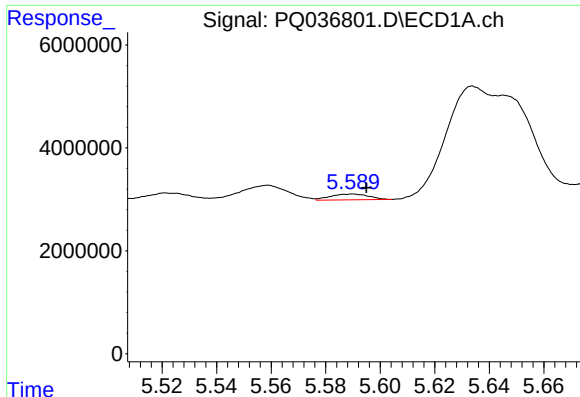
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: -0.011 min
Response: 2636833
Conc: 12.49 ng/ml



#4 AR-1016-2

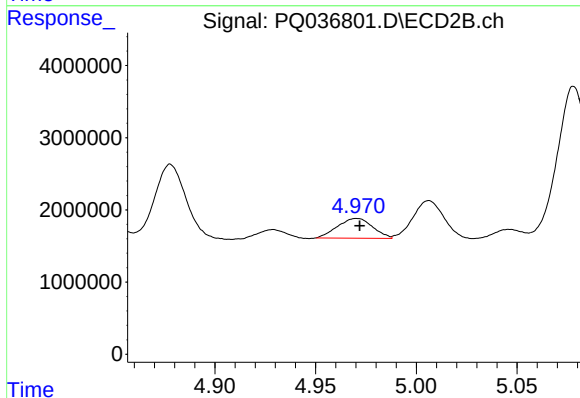
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 17263980
Conc: 155.12 ng/ml



#5 AR-1016-3

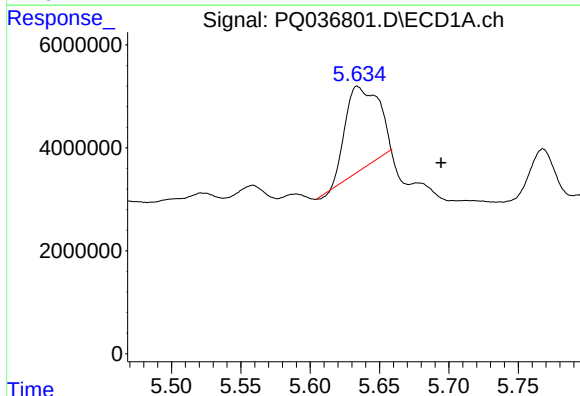
R.T.: 5.590 min
Delta R.T.: -0.005 min
Response: 1082108
Conc: 8.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



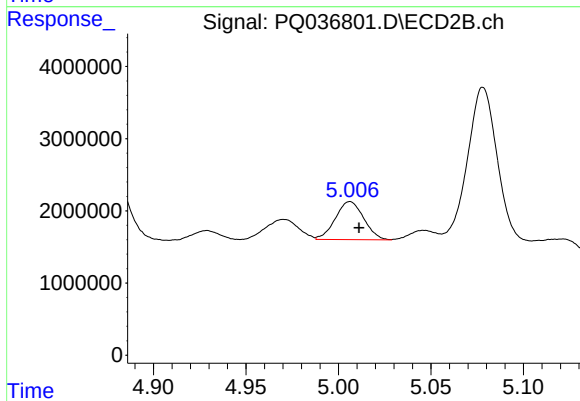
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 3319701
Conc: 58.86 ng/ml



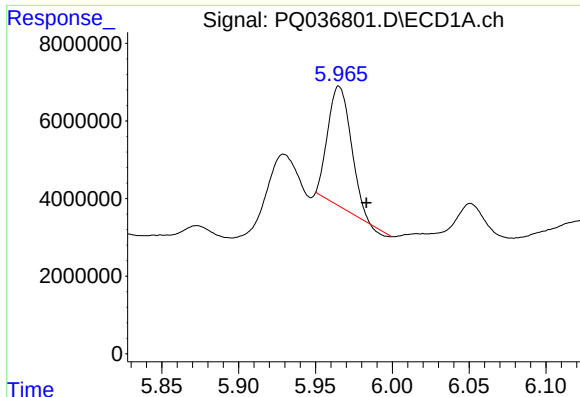
#6 AR-1016-4

R.T.: 5.634 min
Delta R.T.: -0.060 min
Response: 26752453
Conc: 269.02 ng/ml



#6 AR-1016-4

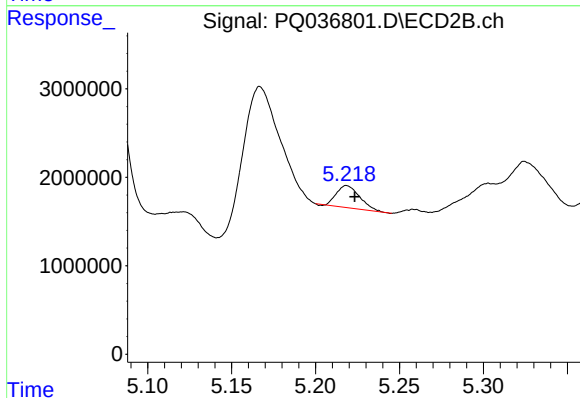
R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 5645609
Conc: 124.97 ng/ml



#7 AR-1016-5

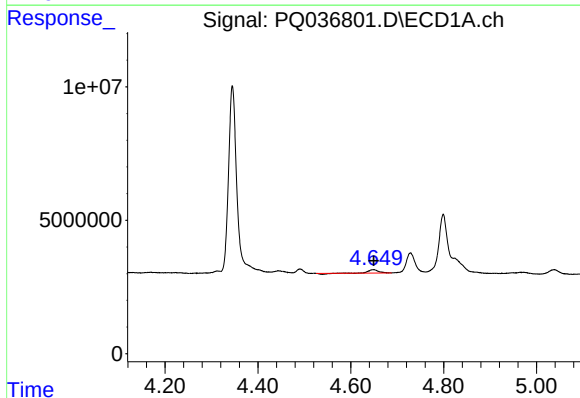
R.T.: 5.965 min
Delta R.T.: -0.018 min
Response: 32359353
Conc: 327.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



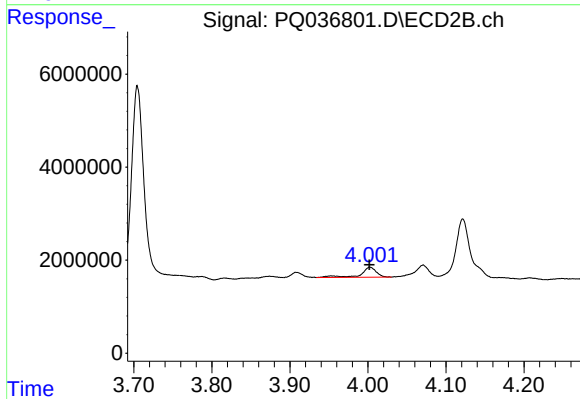
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.005 min
Response: 2419404
Conc: 41.48 ng/ml



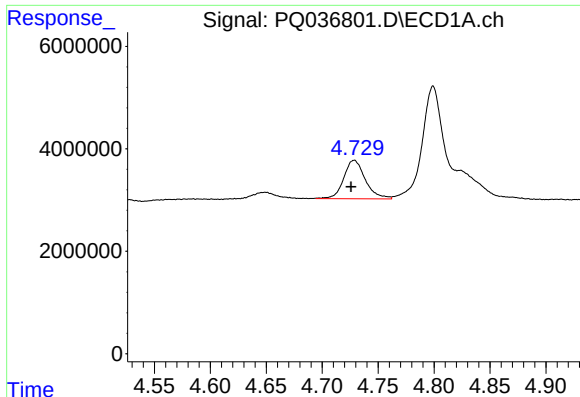
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 1708949
Conc: 50.76 ng/ml



#9 AR-1221-2

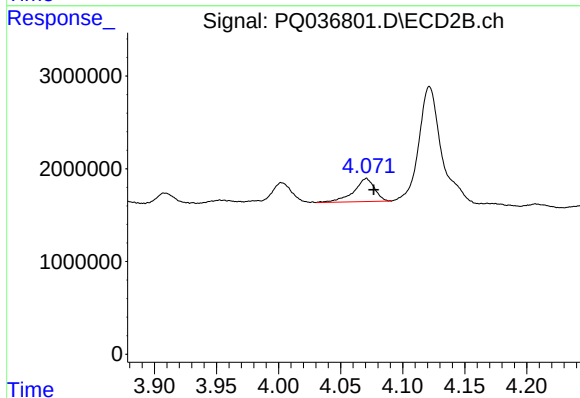
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 2990251
Conc: 159.32 ng/ml



#10 AR-1221-3

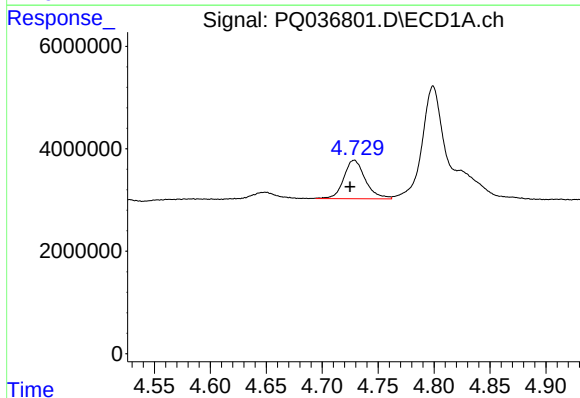
R.T.: 4.729 min
Delta R.T.: 0.003 min
Response: 10164367
Conc: 90.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



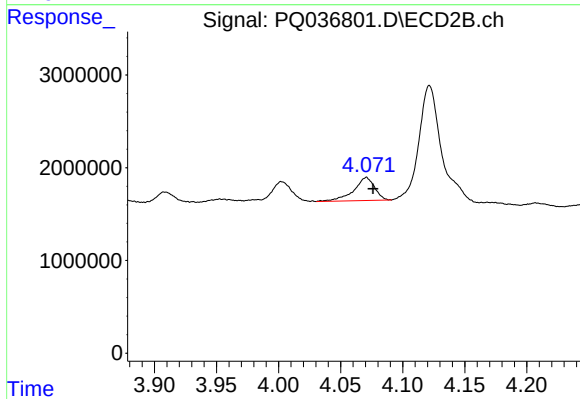
#10 AR-1221-3

R.T.: 4.071 min
Delta R.T.: -0.006 min
Response: 2910655
Conc: 48.32 ng/ml



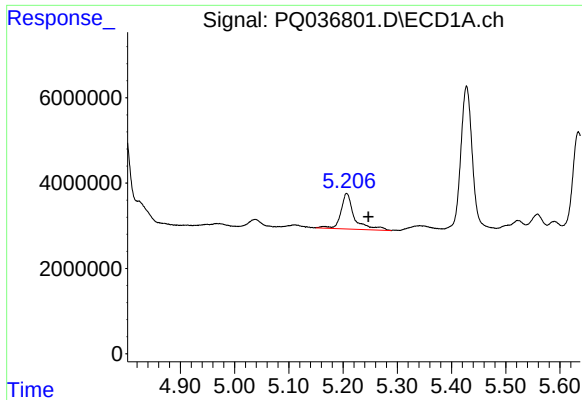
#11 AR-1232-1

R.T.: 4.729 min
Delta R.T.: 0.004 min
Response: 10164367
Conc: 109.17 ng/ml



#11 AR-1232-1

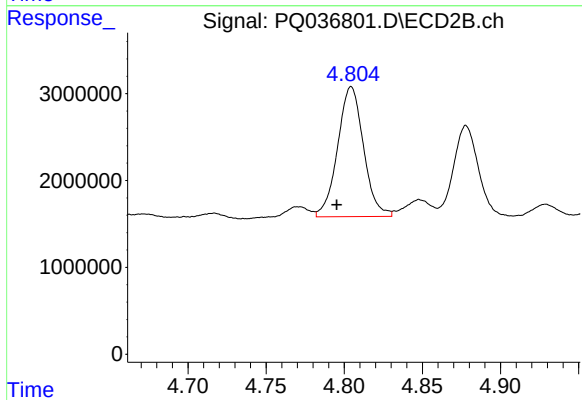
R.T.: 4.071 min
Delta R.T.: -0.005 min
Response: 2910655
Conc: 57.85 ng/ml



#12 AR-1232-2

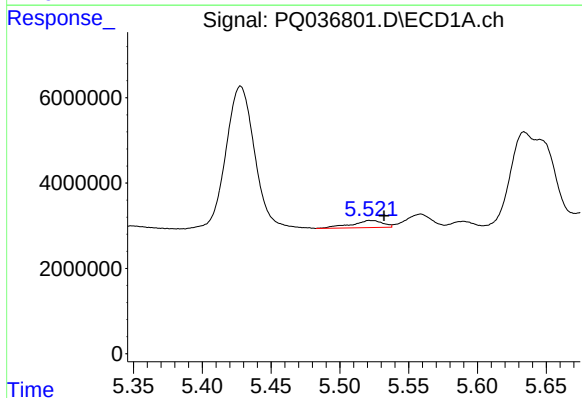
R.T.: 5.207 min
Delta R.T.: -0.040 min
Response: 14394364
Conc: 306.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



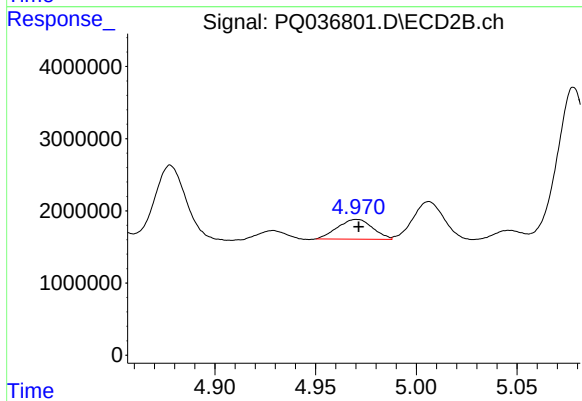
#12 AR-1232-2

R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 17263980
Conc: 321.86 ng/ml



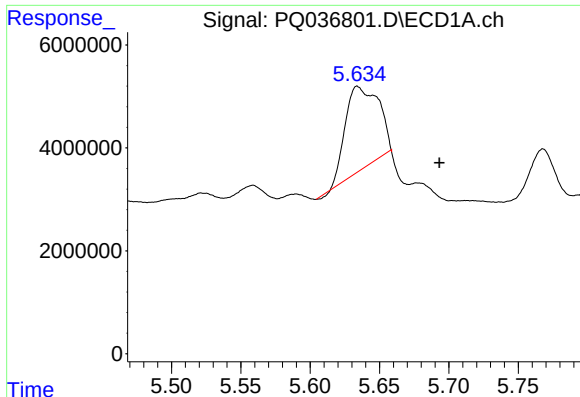
#13 AR-1232-3

R.T.: 5.522 min
Delta R.T.: -0.010 min
Response: 2636833
Conc: 26.63 ng/ml



#13 AR-1232-3

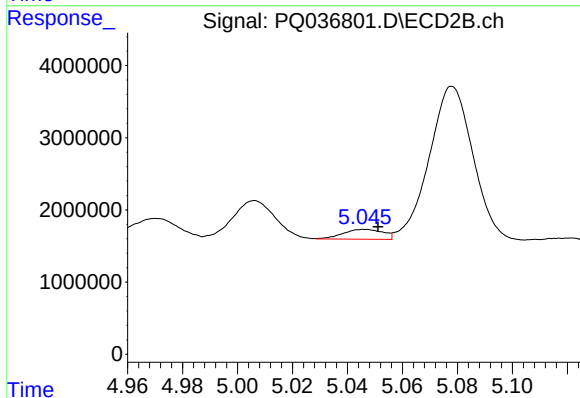
R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 3319701
Conc: 129.95 ng/ml



#14 AR-1232-4

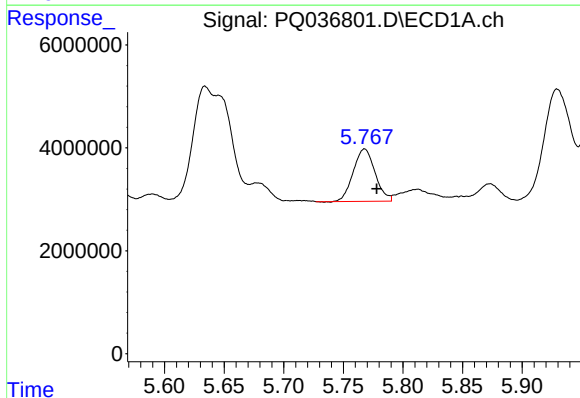
R.T.: 5.634 min
Delta R.T.: -0.059 min
Response: 26752453
Conc: 574.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



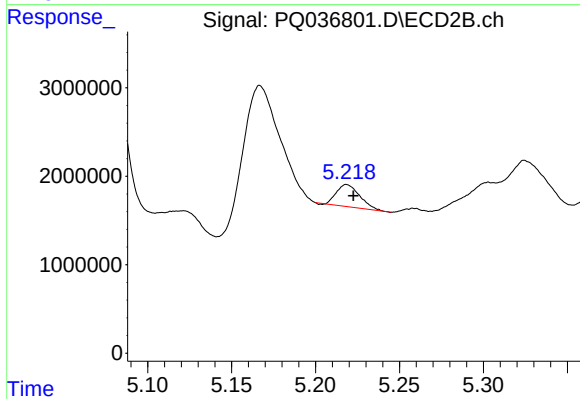
#14 AR-1232-4

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 1380323
Conc: 58.30 ng/ml



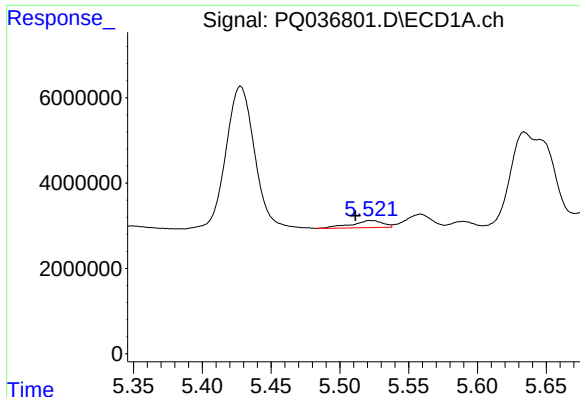
#15 AR-1232-5

R.T.: 5.768 min
Delta R.T.: -0.010 min
Response: 12948846
Conc: 377.27 ng/ml



#15 AR-1232-5

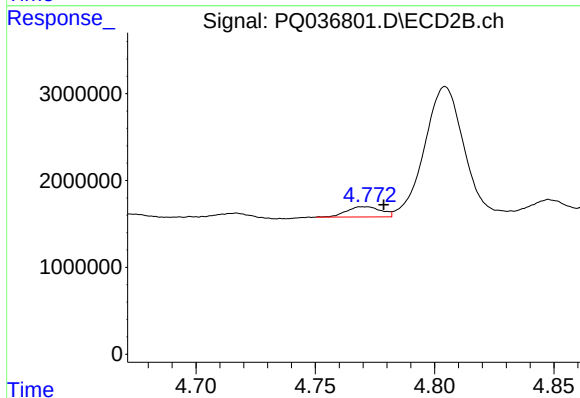
R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 2419404
Conc: 95.77 ng/ml



#16 AR-1242-1

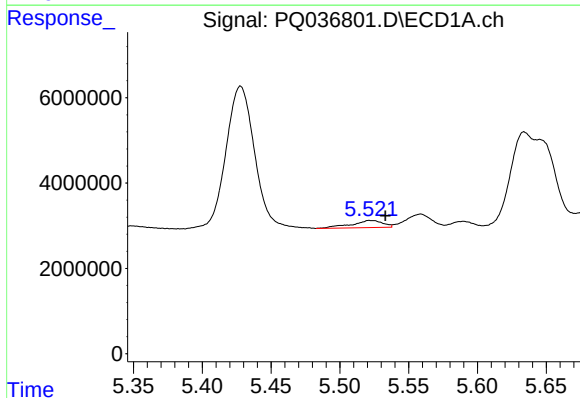
R.T.: 5.522 min
Delta R.T.: 0.010 min
Response: 2636833
Conc: 22.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



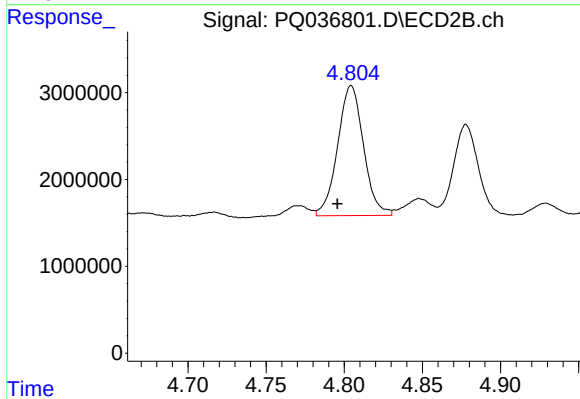
#16 AR-1242-1

R.T.: 4.771 min
Delta R.T.: -0.008 min
Response: 1188549
Conc: 18.93 ng/ml



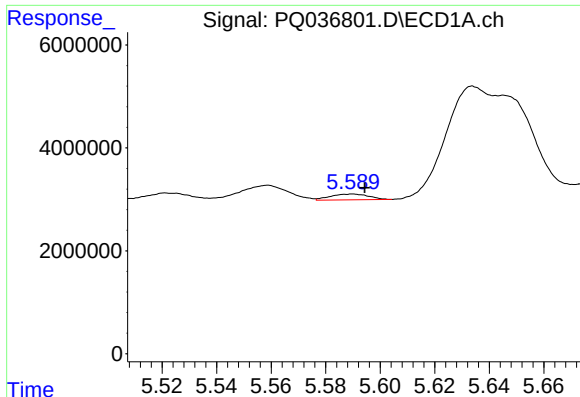
#17 AR-1242-2

R.T.: 5.522 min
Delta R.T.: -0.011 min
Response: 2636833
Conc: 14.87 ng/ml



#17 AR-1242-2

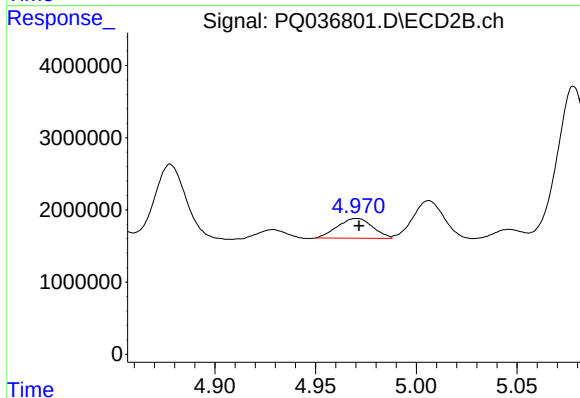
R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 17263980
Conc: 184.98 ng/ml



#18 AR-1242-3

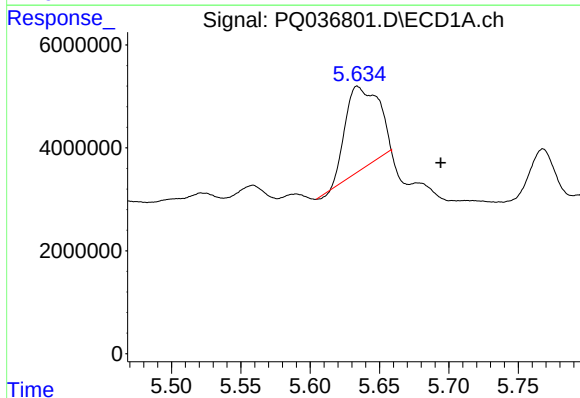
R.T.: 5.590 min
Delta R.T.: -0.005 min
Response: 1082108
Conc: 10.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



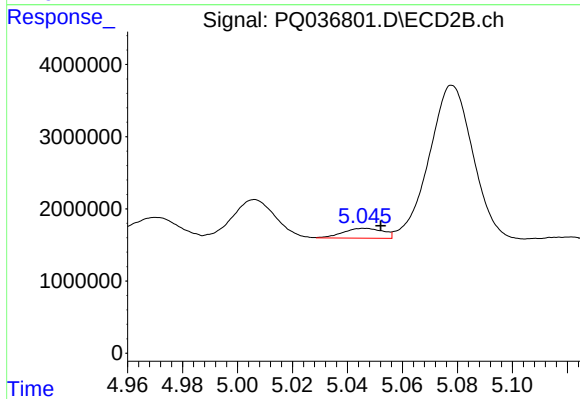
#18 AR-1242-3

R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 3319701
Conc: 70.95 ng/ml



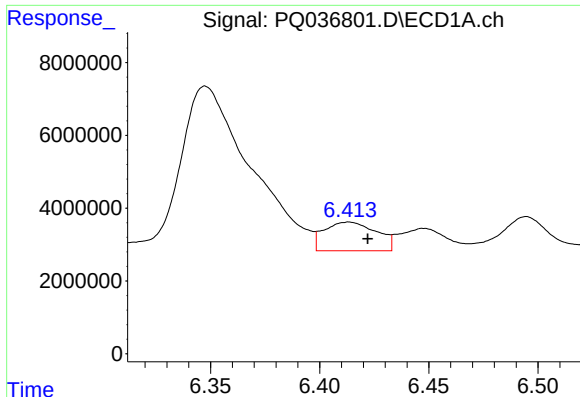
#19 AR-1242-4

R.T.: 5.634 min
Delta R.T.: -0.060 min
Response: 26752453
Conc: 318.05 ng/ml



#19 AR-1242-4

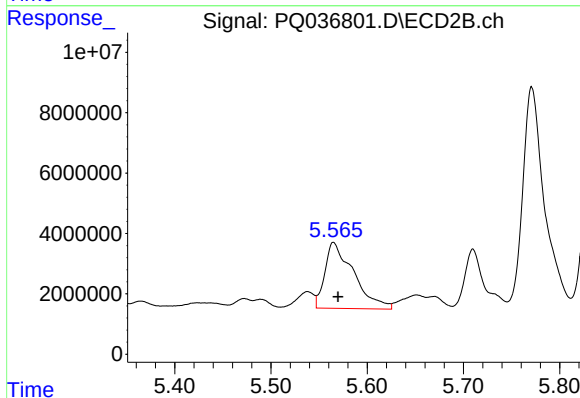
R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 1380323
Conc: 30.21 ng/ml



#20 AR-1242-5

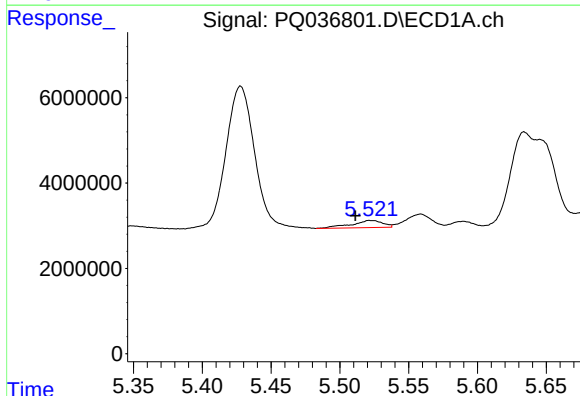
R.T.: 6.413 min
Delta R.T.: -0.009 min
Response: 13144428
Conc: 144.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



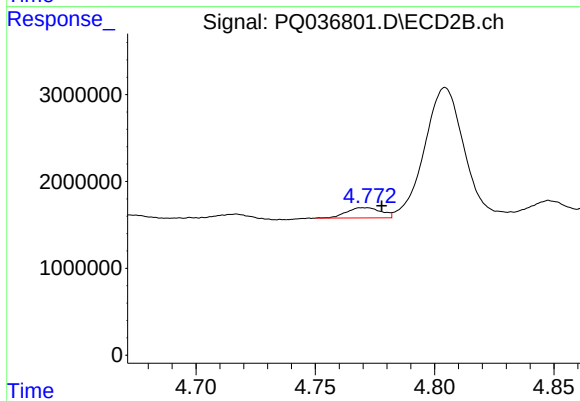
#20 AR-1242-5

R.T.: 5.565 min
Delta R.T.: -0.005 min
Response: 45392553
Conc: 810.89 ng/ml



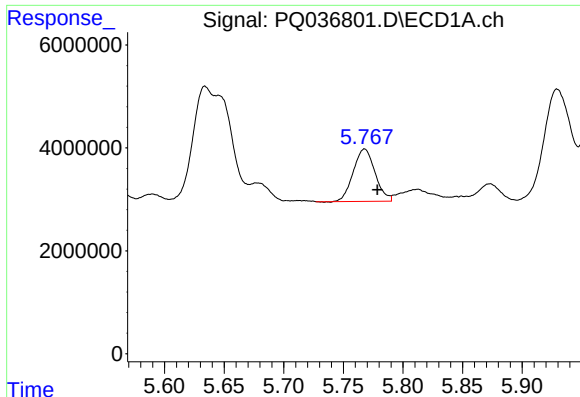
#21 AR-1248-1

R.T.: 5.522 min
Delta R.T.: 0.011 min
Response: 2636833
Conc: 29.34 ng/ml



#21 AR-1248-1

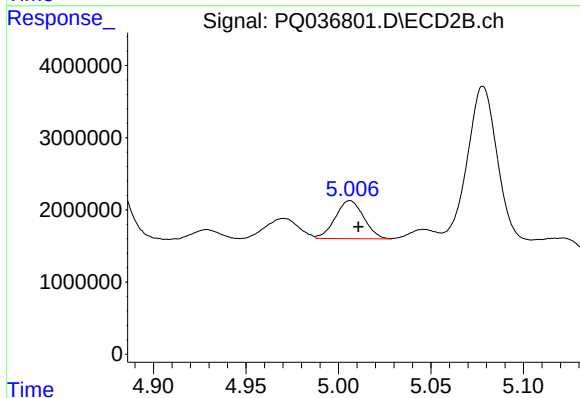
R.T.: 4.771 min
Delta R.T.: -0.007 min
Response: 1188549
Conc: 24.10 ng/ml



#22 AR-1248-2

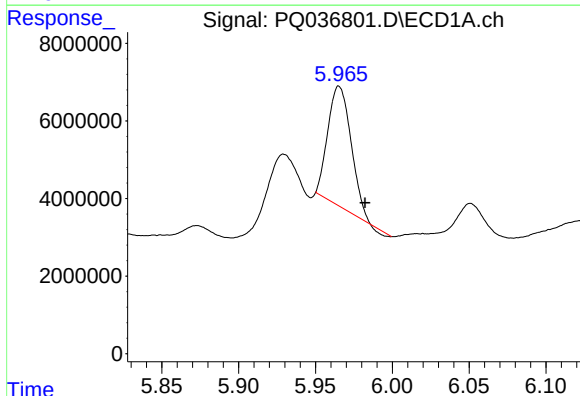
R.T.: 5.768 min
Delta R.T.: -0.011 min
Response: 12948846
Conc: 106.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



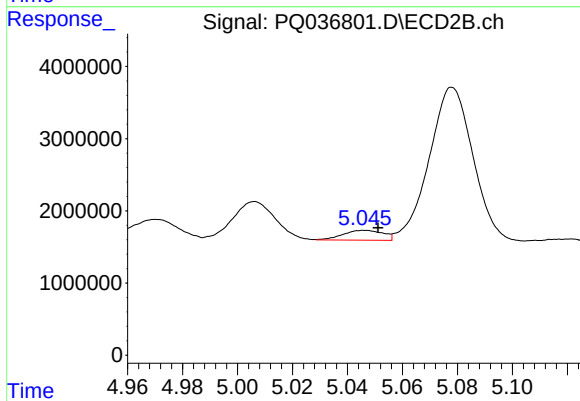
#22 AR-1248-2

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 5645609
Conc: 87.02 ng/ml



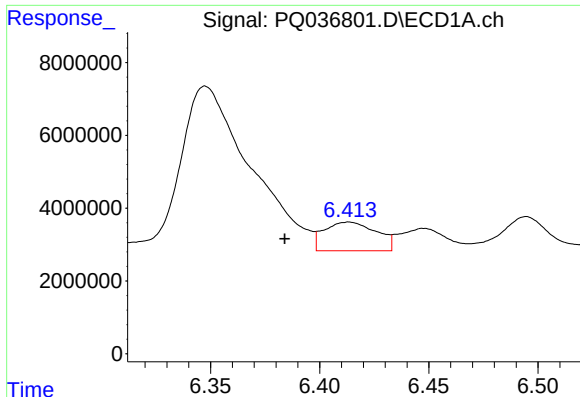
#23 AR-1248-3

R.T.: 5.965 min
Delta R.T.: -0.017 min
Response: 32359353
Conc: 235.63 ng/ml



#23 AR-1248-3

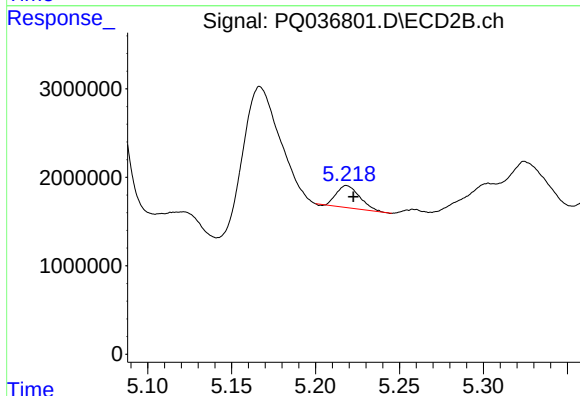
R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 1380323
Conc: 20.83 ng/ml



#24 AR-1248-4

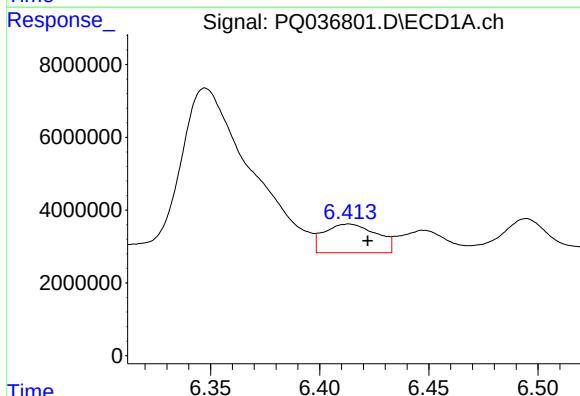
R.T.: 6.413 min
Delta R.T.: 0.029 min
Response: 13144428
Conc: 83.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



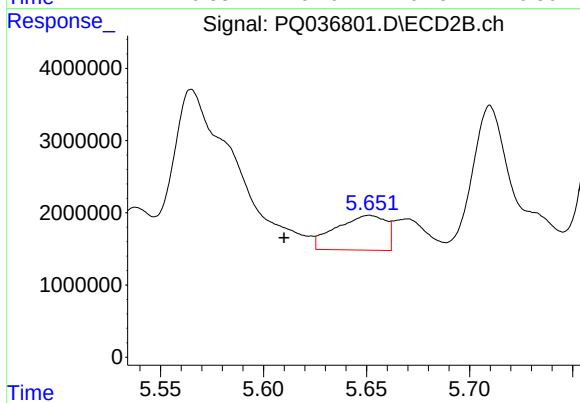
#24 AR-1248-4

R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 2419404
Conc: 30.46 ng/ml



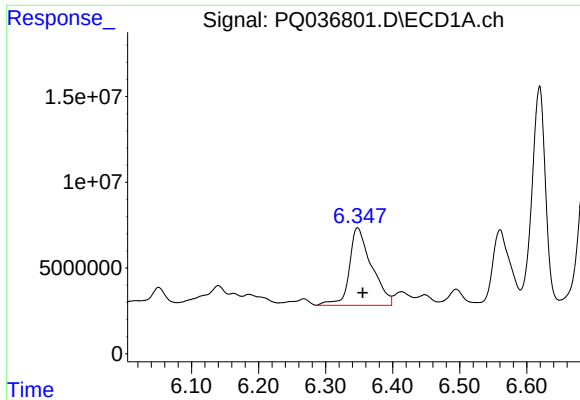
#25 AR-1248-5

R.T.: 6.413 min
Delta R.T.: -0.009 min
Response: 13144428
Conc: 88.58 ng/ml



#25 AR-1248-5

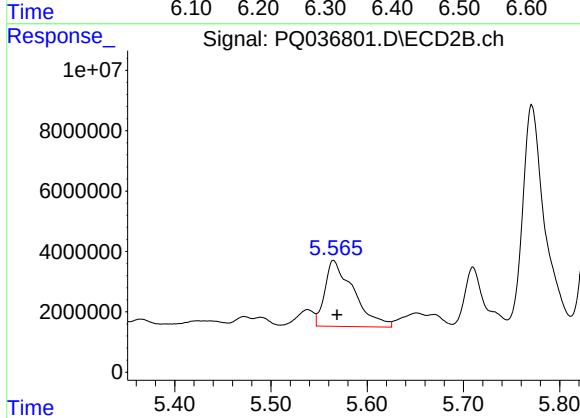
R.T.: 5.651 min
Delta R.T.: 0.041 min
Response: 8102506
Conc: 102.55 ng/ml



#26 AR-1254-1

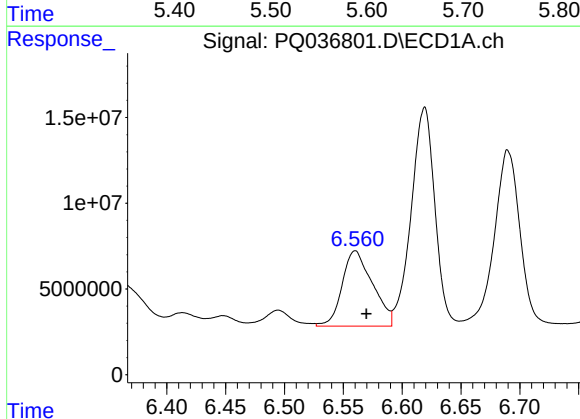
R.T.: 6.348 min
Delta R.T.: -0.008 min
Response: 103904549
Conc: 585.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



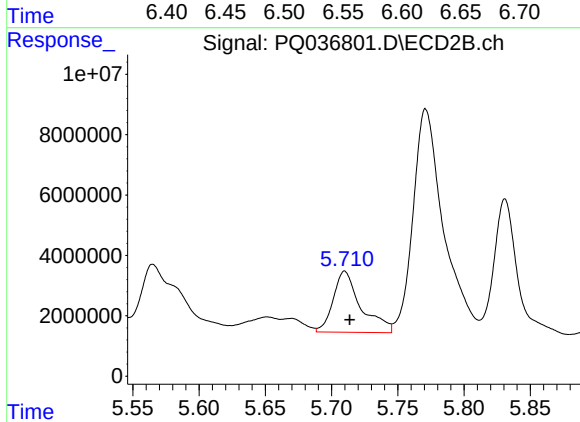
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 45392553
Conc: 339.05 ng/ml



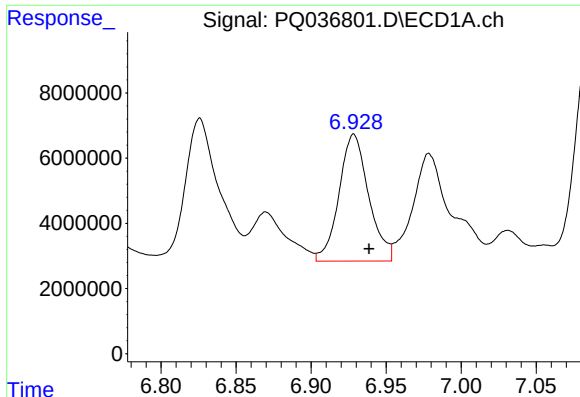
#27 AR-1254-2

R.T.: 6.560 min
Delta R.T.: -0.009 min
Response: 79269816
Conc: 304.29 ng/ml



#27 AR-1254-2

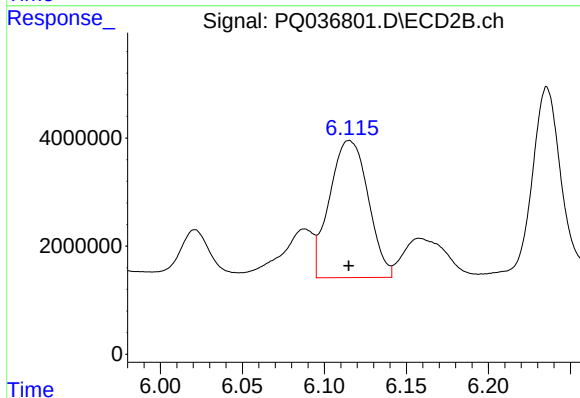
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 29477058
Conc: 266.37 ng/ml



#28 AR-1254-3

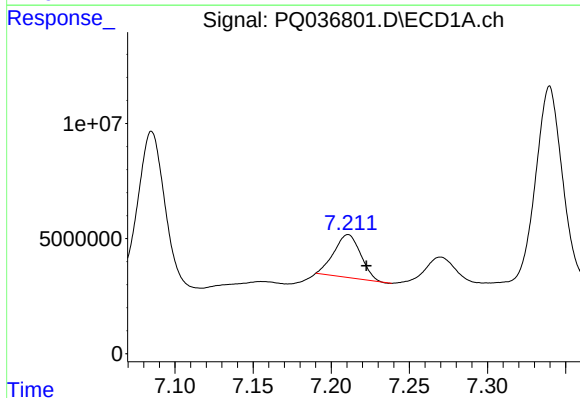
R.T.: 6.928 min
Delta R.T.: -0.010 min
Response: 53628492
Conc: 200.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



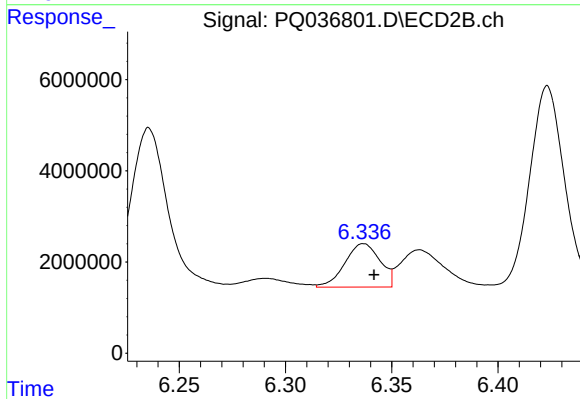
#28 AR-1254-3

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 41586436
Conc: 231.04 ng/ml



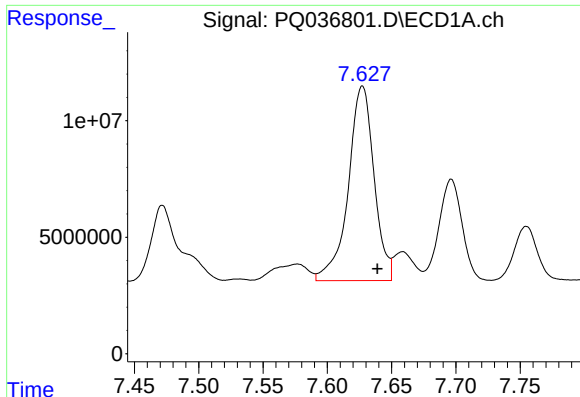
#29 AR-1254-4

R.T.: 7.211 min
Delta R.T.: -0.012 min
Response: 22166156
Conc: 111.72 ng/ml



#29 AR-1254-4

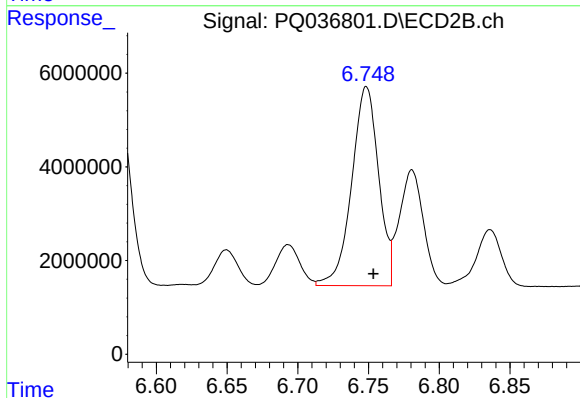
R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 11000126
Conc: 83.36 ng/ml



#30 AR-1254-5

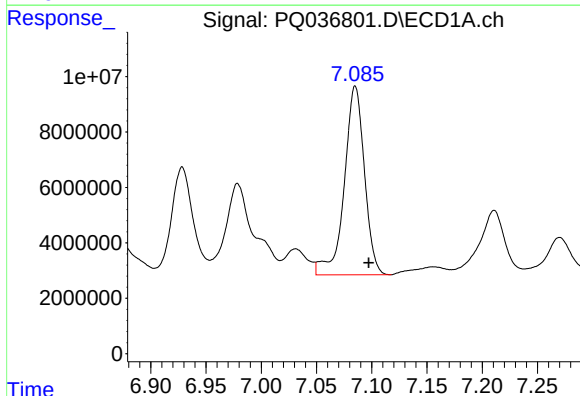
R.T.: 7.627 min
Delta R.T.: -0.011 min
Response: 116706716
Conc: 571.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



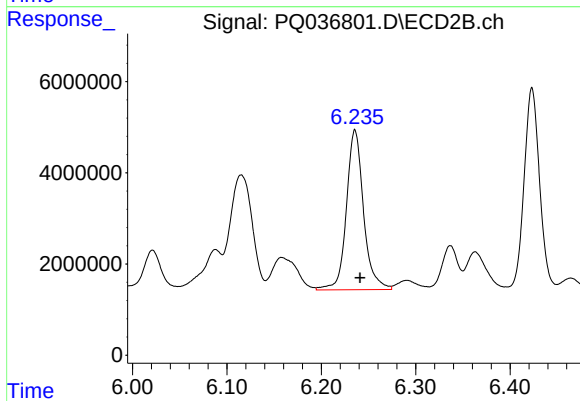
#30 AR-1254-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 56303506
Conc: 374.90 ng/ml



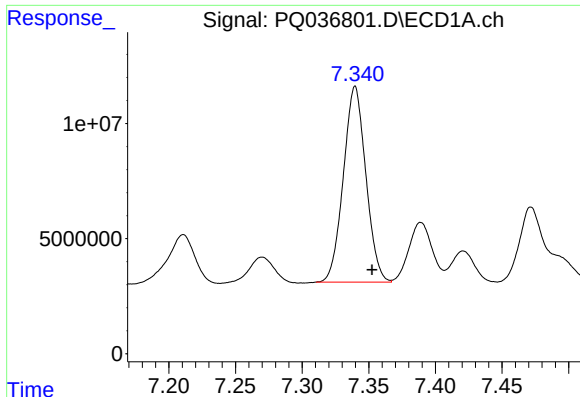
#31 AR-1260-1

R.T.: 7.085 min
Delta R.T.: -0.012 min
Response: 86664255
Conc: 444.98 ng/ml



#31 AR-1260-1

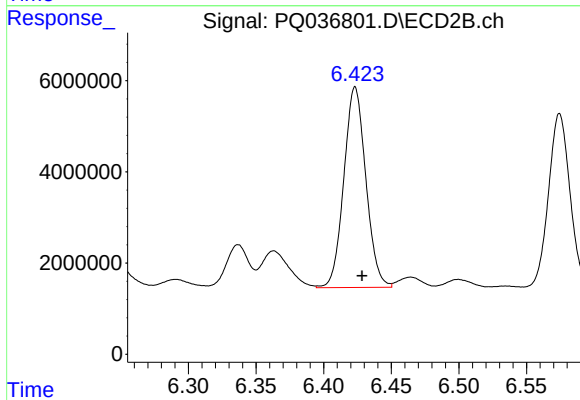
R.T.: 6.236 min
Delta R.T.: -0.005 min
Response: 44297131
Conc: 385.89 ng/ml



#32 AR-1260-2

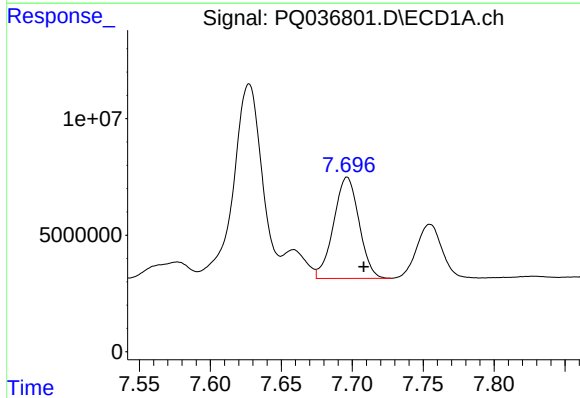
R.T.: 7.340 min
Delta R.T.: -0.013 min
Response: 99911102
Conc: 432.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



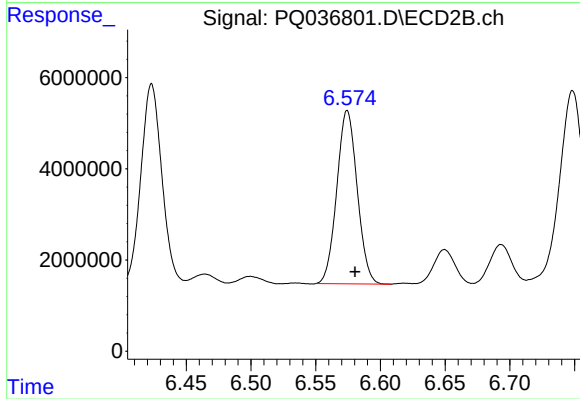
#32 AR-1260-2

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 49841933
Conc: 354.53 ng/ml



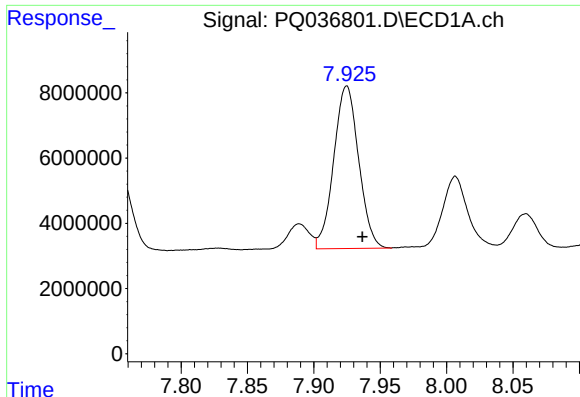
#33 AR-1260-3

R.T.: 7.696 min
Delta R.T.: -0.012 min
Response: 54193776
Conc: 375.80 ng/ml



#33 AR-1260-3

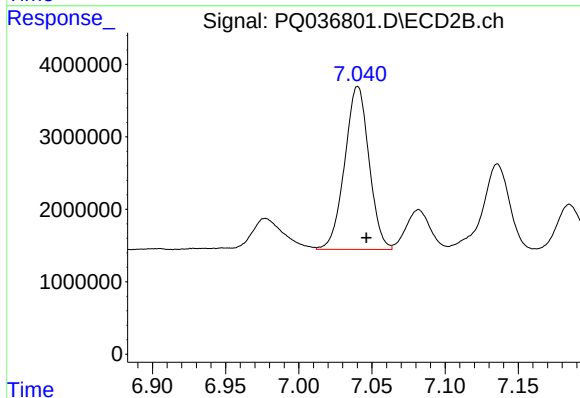
R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 41745458
Conc: 325.70 ng/ml



#34 AR-1260-4

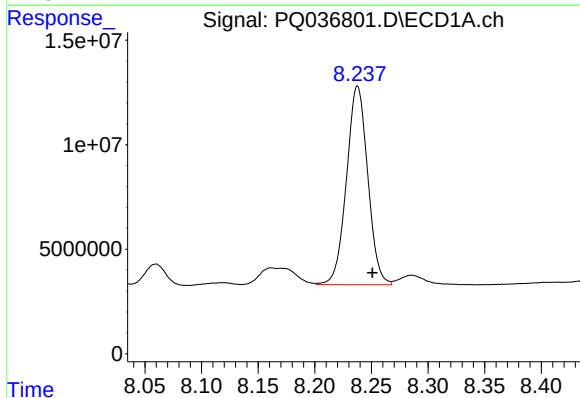
R.T.: 7.925 min
Delta R.T.: -0.012 min
Response: 65200110
Conc: 382.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



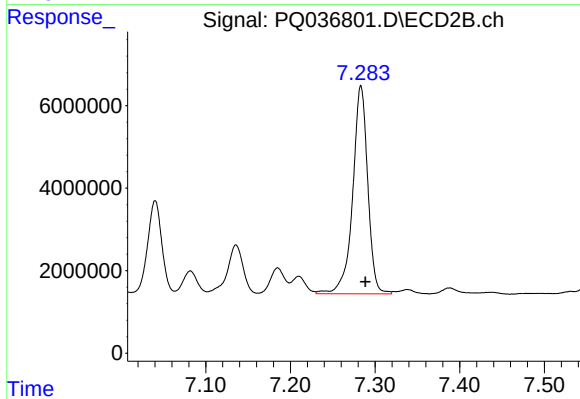
#34 AR-1260-4

R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 26032448
Conc: 298.99 ng/ml



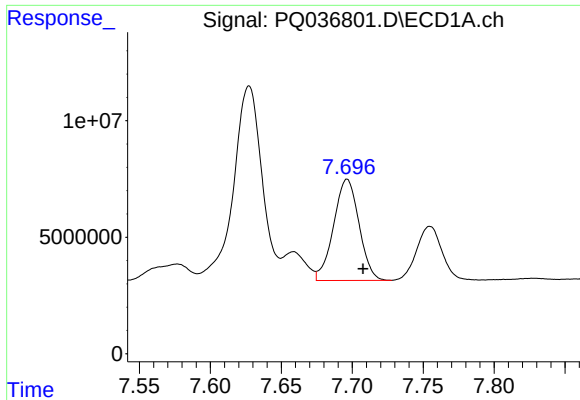
#35 AR-1260-5

R.T.: 8.238 min
Delta R.T.: -0.013 min
Response: 124255854
Conc: 369.50 ng/ml



#35 AR-1260-5

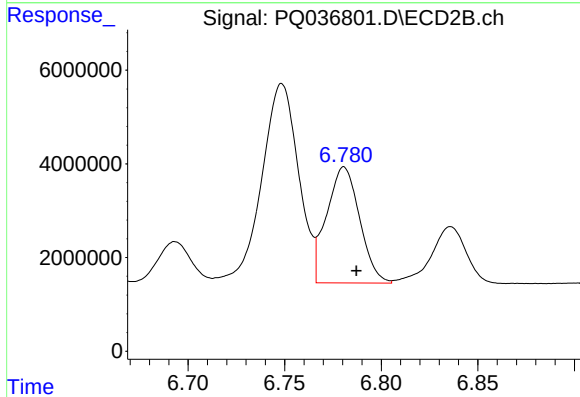
R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 62441435
Conc: 285.99 ng/ml



#36 AR-1262-1

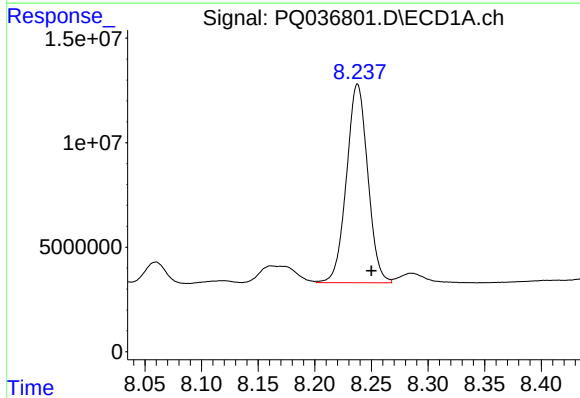
R.T.: 7.696 min
Delta R.T.: -0.011 min
Response: 54193776
Conc: 195.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



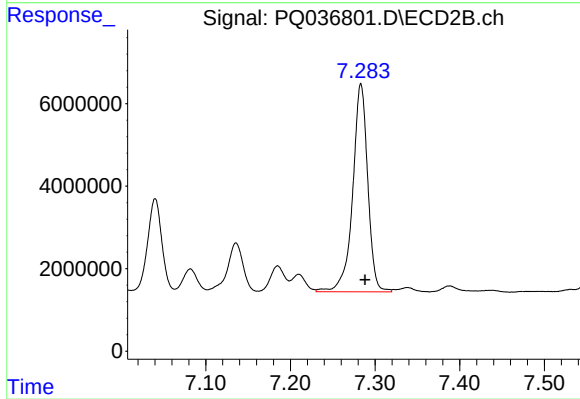
#36 AR-1262-1

R.T.: 6.781 min
Delta R.T.: -0.006 min
Response: 29479790
Conc: 175.65 ng/ml



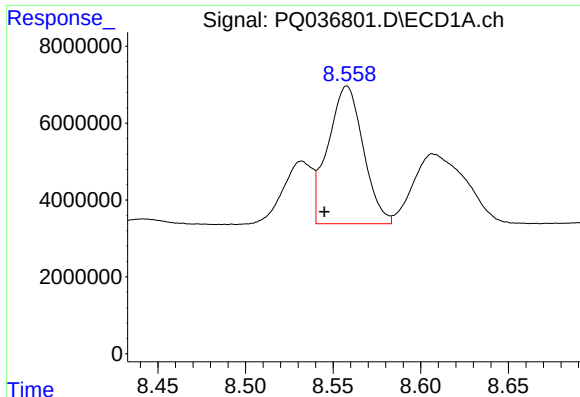
#37 AR-1262-2

R.T.: 8.238 min
Delta R.T.: -0.012 min
Response: 124255854
Conc: 253.40 ng/ml



#37 AR-1262-2

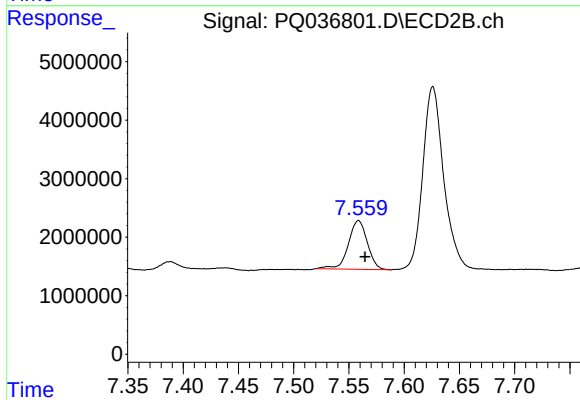
R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 62441435
Conc: 206.21 ng/ml



#38 AR-1262-3

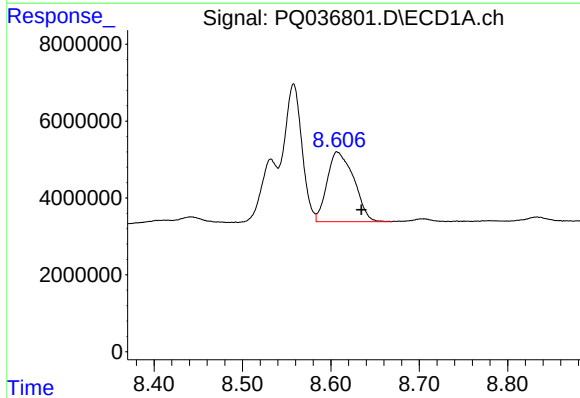
R.T.: 8.558 min
Delta R.T.: 0.013 min
Response: 50136949
Conc: 241.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



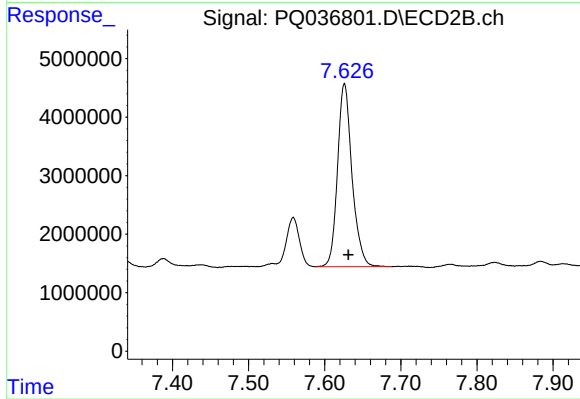
#38 AR-1262-3

R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 9947545
Conc: 88.57 ng/ml



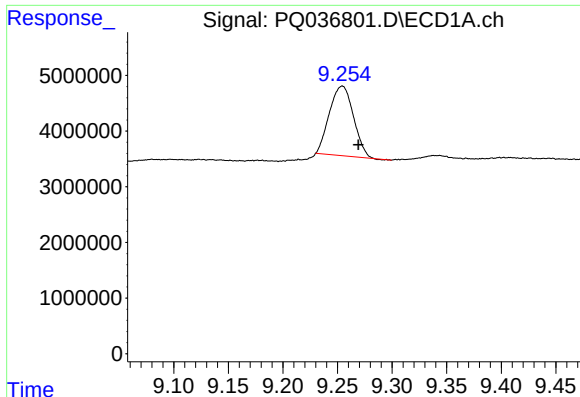
#39 AR-1262-4

R.T.: 8.607 min
Delta R.T.: -0.027 min
Response: 38140122
Conc: 157.23 ng/ml



#39 AR-1262-4

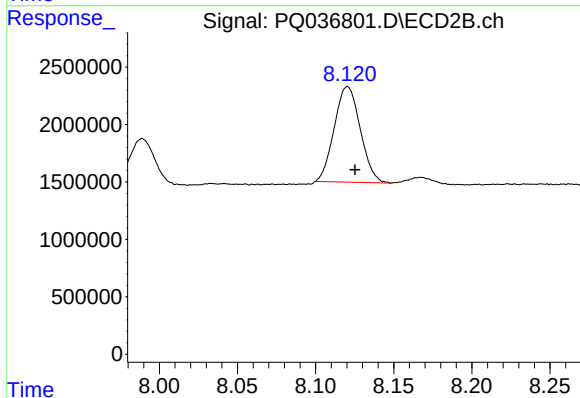
R.T.: 7.626 min
Delta R.T.: -0.005 min
Response: 41357911
Conc: 191.72 ng/ml



#40 AR-1262-5

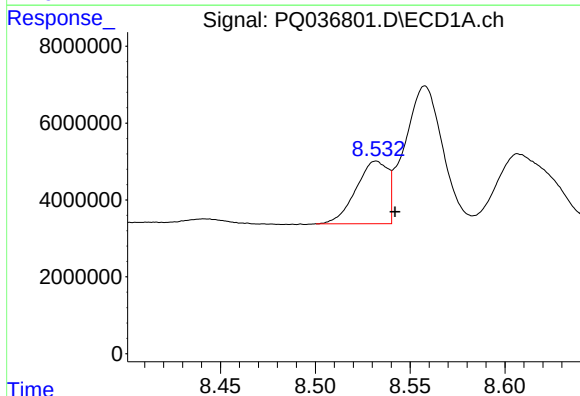
R.T.: 9.254 min
Delta R.T.: -0.015 min
Response: 19109796
Conc: 117.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



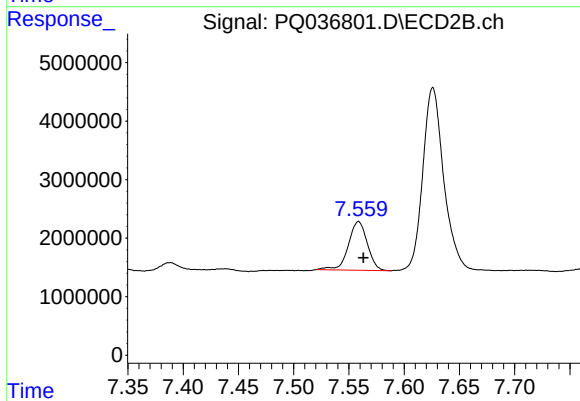
#40 AR-1262-5

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 9645177
Conc: 102.56 ng/ml



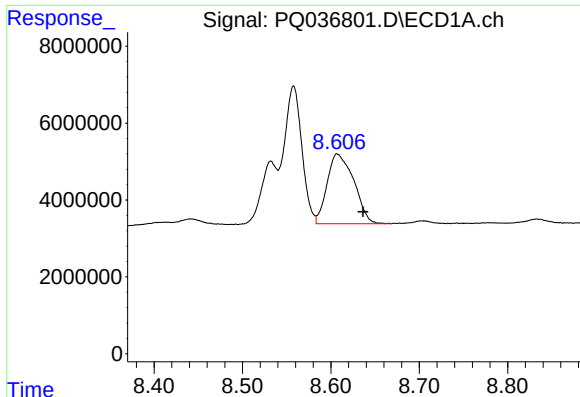
#41 AR-1268-1

R.T.: 8.532 min
Delta R.T.: -0.010 min
Response: 19006859
Conc: 30.13 ng/ml



#41 AR-1268-1

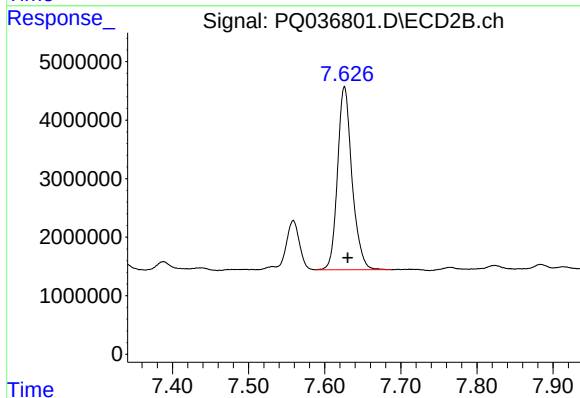
R.T.: 7.559 min
Delta R.T.: -0.004 min
Response: 9947545
Conc: 27.37 ng/ml



#42 AR-1268-2

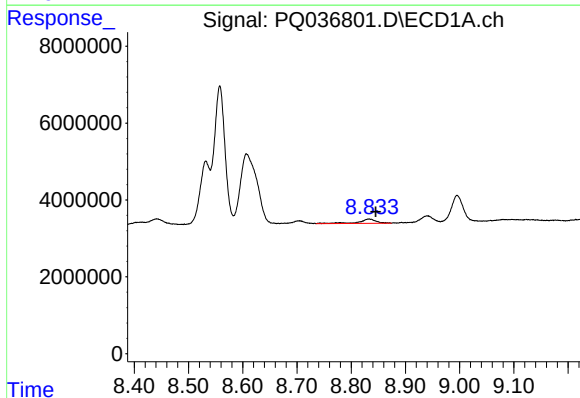
R.T.: 8.607 min
Delta R.T.: -0.029 min
Response: 38140122
Conc: 64.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



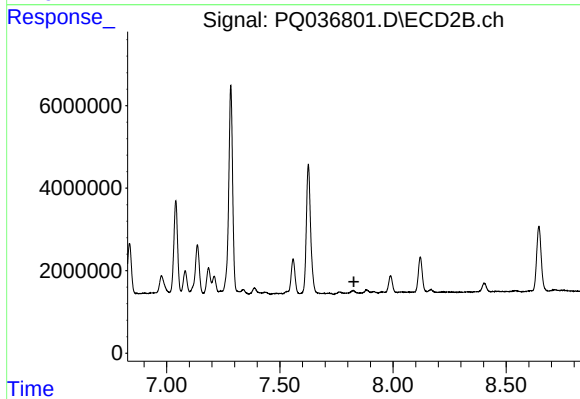
#42 AR-1268-2

R.T.: 7.626 min
Delta R.T.: -0.004 min
Response: 41357911
Conc: 124.82 ng/ml



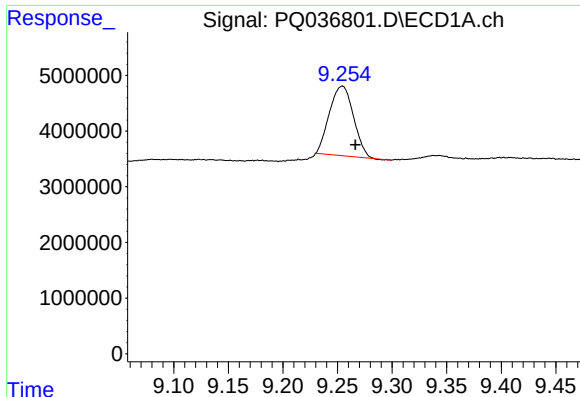
#43 AR-1268-3

R.T.: 8.833 min
Delta R.T.: -0.013 min
Response: 2416867
Conc: 4.78 ng/ml



#43 AR-1268-3

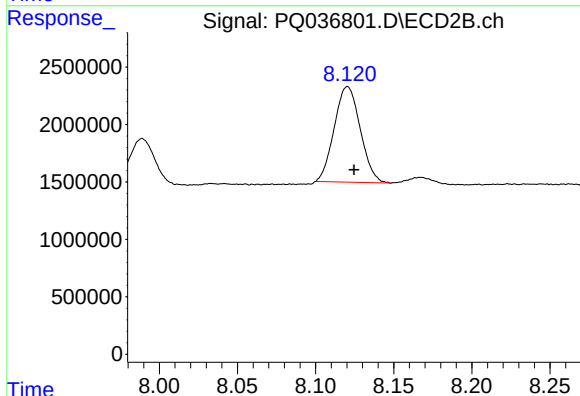
R.T.: 0.000 min
Exp R.T.: 7.827 min
Response: 0
Conc: N.D.



#44 AR-1268-4

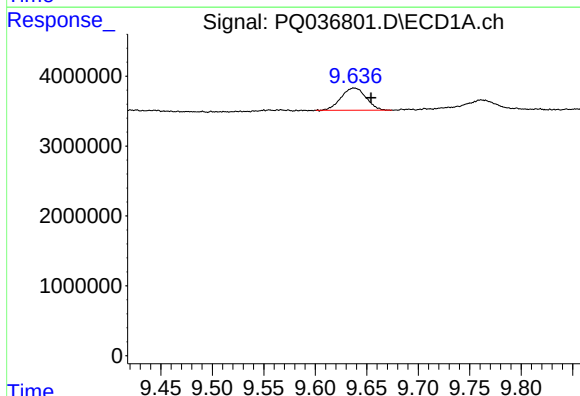
R.T.: 9.254 min
Delta R.T.: -0.012 min
Response: 19109796
Conc: 98.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-V



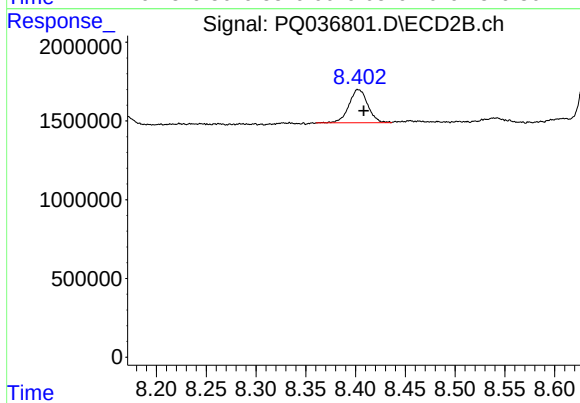
#44 AR-1268-4

R.T.: 8.120 min
Delta R.T.: -0.004 min
Response: 9645177
Conc: 86.40 ng/ml



#45 AR-1268-5

R.T.: 9.638 min
Delta R.T.: -0.016 min
Response: 5386468
Conc: 3.32 ng/ml



#45 AR-1268-5

R.T.: 8.403 min
Delta R.T.: -0.005 min
Response: 2758707
Conc: 3.19 ng/ml