

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102918\
 Data File : PQ033831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2018 16:39
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 02:00:21 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...	4.576	3.875	43184187	63876	21.050	0.041 #
2)	SA Decachlor...	10.410	8.948	70093474	222954	37.081	0.139 #
Target Compounds							
3)	L1 AR-1016-1	5.753	4.933	26112817	22558572	375.024	394.051
4)	L1 AR-1016-2	5.776	4.982	37374350	2248290	362.829	28.215 #
5)	L1 AR-1016-3	5.838	5.169	20927816	12779444	334.218	308.085
6)	L1 AR-1016-4	5.938	5.211	18795465	14505972	371.881	423.361
7)	L1 AR-1016-5	6.233	5.425	17539723	6855004	340.373	150.030 #
8)	L2 AR-1221-1	4.785	4.079	873976	49046	36.804	2.654 #
9)	L2 AR-1221-2	4.876	4.162	1441552	43198	87.562	3.266 #
10)	L2 AR-1221-3	4.951	4.238	12734041	27148	221.952	0.594 #
11)	L3 AR-1232-1	4.951	4.238	12734041	27148	286.841	0.785 #
12)	L3 AR-1232-2	5.484	4.982	20726901	2248290	877.559	59.791 #
13)	L3 AR-1232-3	5.776	5.169	37374350	12779444	781.733	652.486
14)	L3 AR-1232-4	5.938	5.243	18795465	5071906	789.095	295.510 #
15)	L3 AR-1232-5	6.026	5.425	17439812	6855004	977.887	351.537 #
16)	L4 AR-1242-1	5.753	4.951	26112817	31683883	437.571	651.151 #
17)	L4 AR-1242-2	5.776	4.982	37374350	2248290	430.342	33.308 #
18)	L4 AR-1242-3	5.838	5.169	20927816	12779444	400.235	348.873
19)	L4 AR-1242-4	5.938	5.243	18795465	5071906	435.846	137.700 #
20)	L4 AR-1242-5	6.677	5.776	10898827	7566920	221.083	157.514 #
21)	L5 AR-1248-1	5.753	4.951	26112817	31683883	526.439	773.158 #
22)	L5 AR-1248-2	6.026	5.211	17439812	14505972	237.108	264.036
23)	L5 AR-1248-3	6.233	5.243	17539723	5071906	214.620	90.566 #
24)	L5 AR-1248-4	6.637	5.425	10269182	6855004	109.630	99.393
25)	L5 AR-1248-5	6.677	5.825	10898827	8396938	122.723	121.470
26)	L6 AR-1254-1	6.610	5.776	24596531	7566920	248.194	67.165 #
27)	L6 AR-1254-2	6.826	5.883	23822061	19869572	152.433	201.221 #
28)	L6 AR-1254-3	7.197	6.301	16395514	37199517	96.624	223.836 #
29)	L6 AR-1254-4	7.483	6.544	14981689	7971832	121.334	74.926 #
30)	L6 AR-1254-5	7.903	6.969	56808916	29966248	429.139	204.011 #
31)	L7 AR-1260-1	7.360	6.453	43930372	753988	410.730	8.028 #
32)	L7 AR-1260-2	7.615	6.604	48544284	40665198	384.432	349.026
33)	L7 AR-1260-3	7.976	6.793	30393508	497614	390.203	4.614 #
34)	L7 AR-1260-4	8.206	7.271	39519161	7978864	390.400	103.798 #
35)	L7 AR-1260-5	8.537	7.472	65337442	74109385	346.016	385.750
36)	L8 AR-1262-1	7.976	6.969	30393508	29966248	225.491	233.175
37)	L8 AR-1262-2	8.537	7.472	65337442	74109385	264.227	309.387
38)	L8 AR-1262-3	8.882	7.753	39873088	12064717	241.059	129.521 #
39)	L8 AR-1262-4	8.934	7.819	21667896	46757429	317.937	268.577
40)	L8 AR-1262-5	9.636	8.368	16069408	-17159	183.670	N.D. #
41)	L9 AR-1268-1	8.882	7.753	39873088	12064717	108.729	35.288 #

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 Acq On : 29 Oct 2018 16:39
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

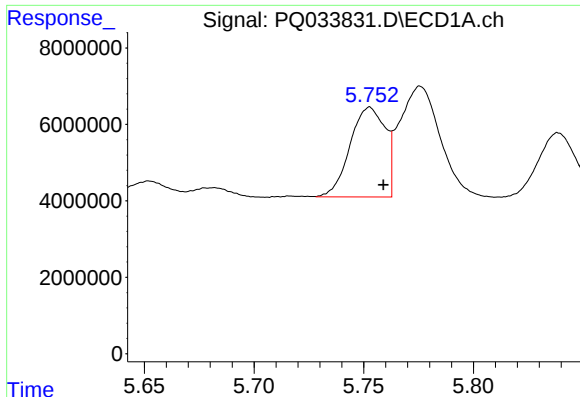
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 02:00:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.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	8.934	7.819	21667896	46757429	65.014	151.309 #
43) L9	AR-1268-3	9.192	8.073	504881	2834298	1.791	11.079 #
44) L9	AR-1268-4	9.636	8.368	16069408	-17159	133.004	N.D. #
45) L9	AR-1268-5	10.065	8.672	3815560	150637	4.127	0.180 #

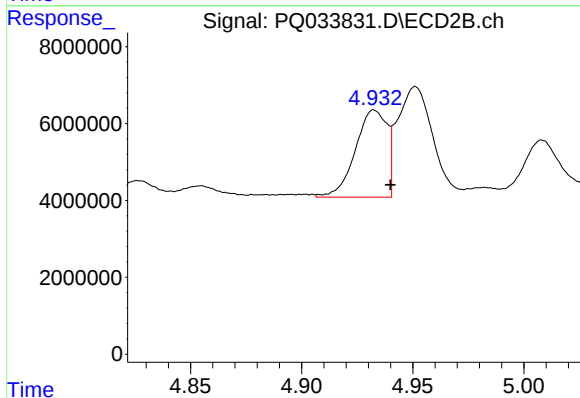
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

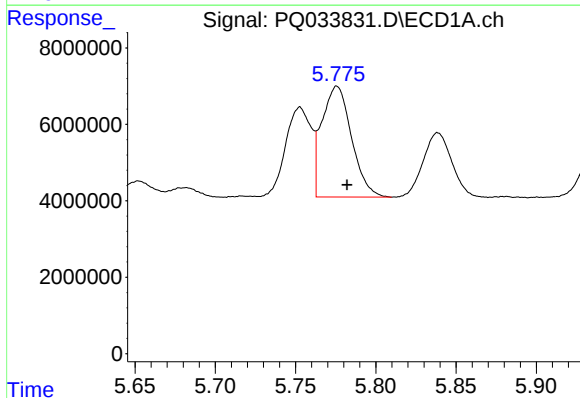
R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 26112817
Conc: 375.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



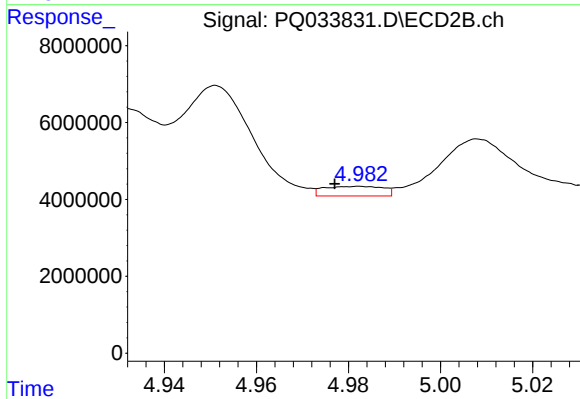
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: -0.008 min
Response: 22558572
Conc: 394.05 ng/ml



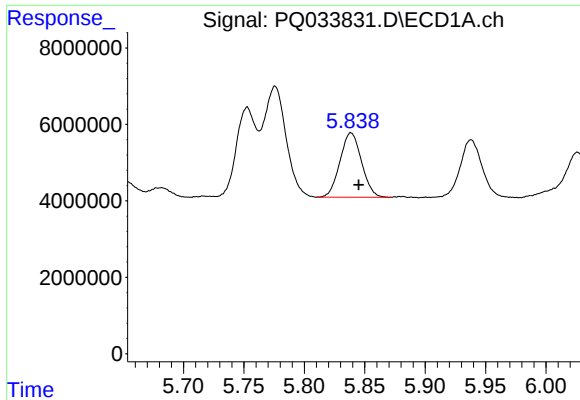
#4 AR-1016-2

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 37374350
Conc: 362.83 ng/ml



#4 AR-1016-2

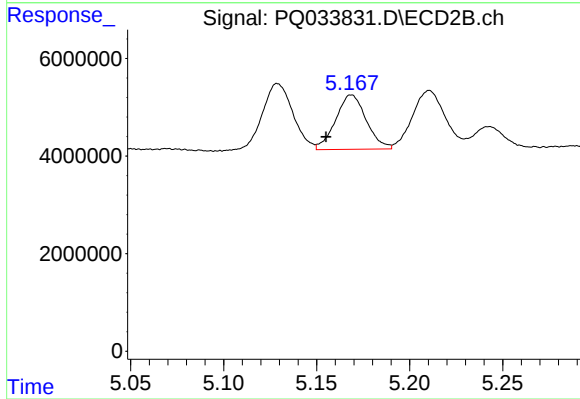
R.T.: 4.982 min
Delta R.T.: 0.005 min
Response: 2248290
Conc: 28.22 ng/ml



#5 AR-1016-3

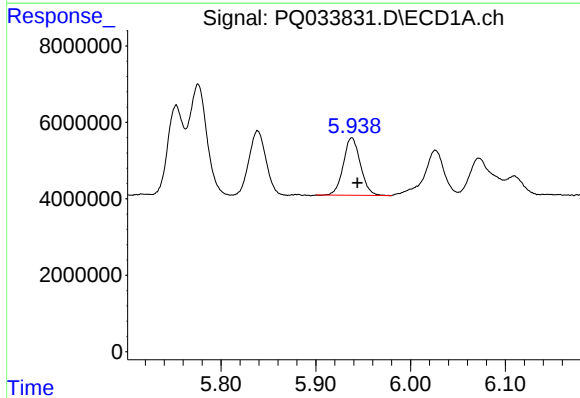
R.T.: 5.838 min
Delta R.T.: -0.007 min
Response: 20927816
Conc: 334.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



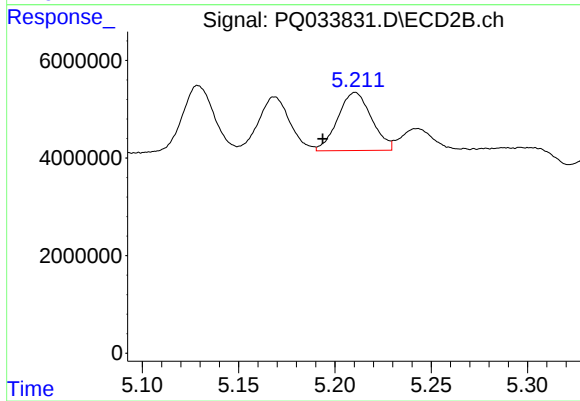
#5 AR-1016-3

R.T.: 5.169 min
Delta R.T.: 0.014 min
Response: 12779444
Conc: 308.09 ng/ml



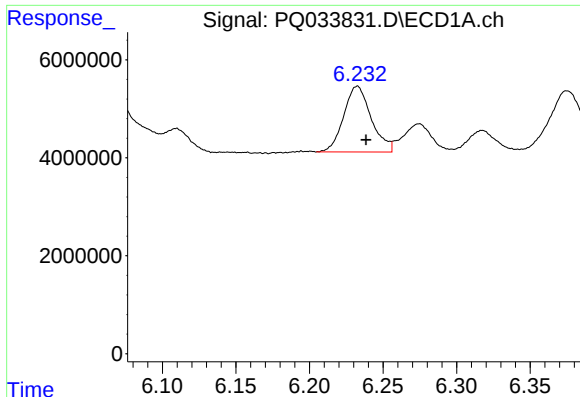
#6 AR-1016-4

R.T.: 5.938 min
Delta R.T.: -0.006 min
Response: 18795465
Conc: 371.88 ng/ml



#6 AR-1016-4

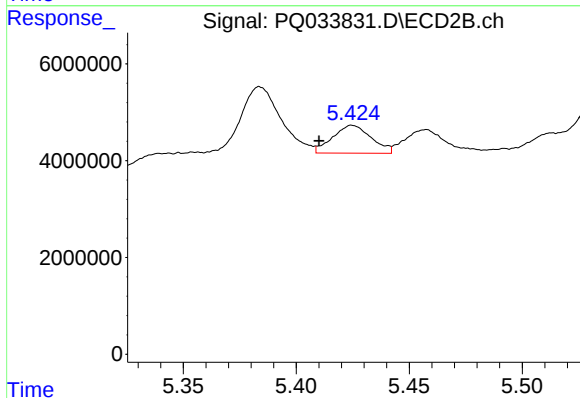
R.T.: 5.211 min
Delta R.T.: 0.017 min
Response: 14505972
Conc: 423.36 ng/ml



#7 AR-1016-5

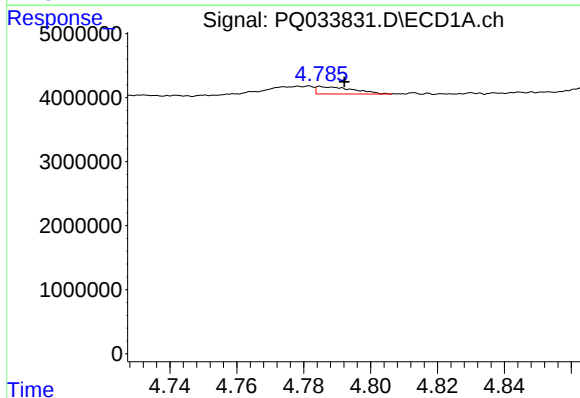
R.T.: 6.233 min
Delta R.T.: -0.006 min
Response: 17539723
Conc: 340.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



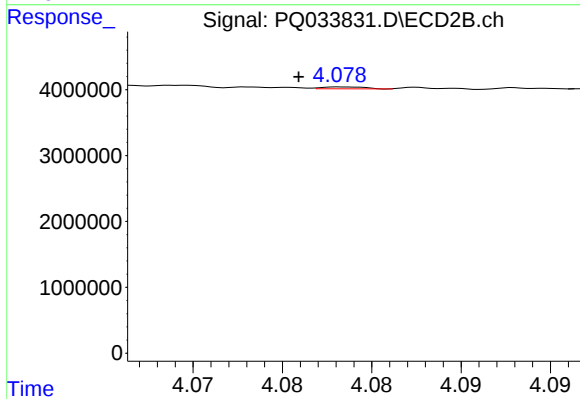
#7 AR-1016-5

R.T.: 5.425 min
Delta R.T.: 0.015 min
Response: 6855004
Conc: 150.03 ng/ml



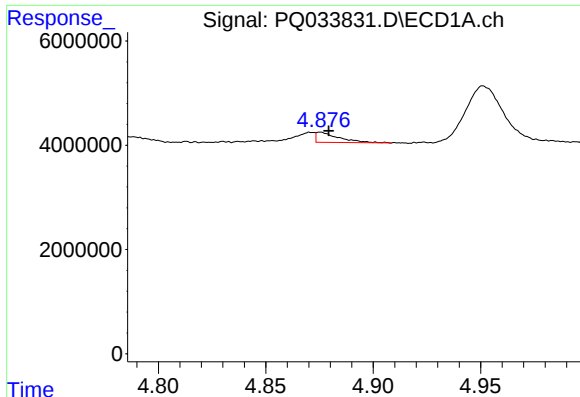
#8 AR-1221-1

R.T.: 4.785 min
Delta R.T.: -0.007 min
Response: 873976
Conc: 36.80 ng/ml



#8 AR-1221-1

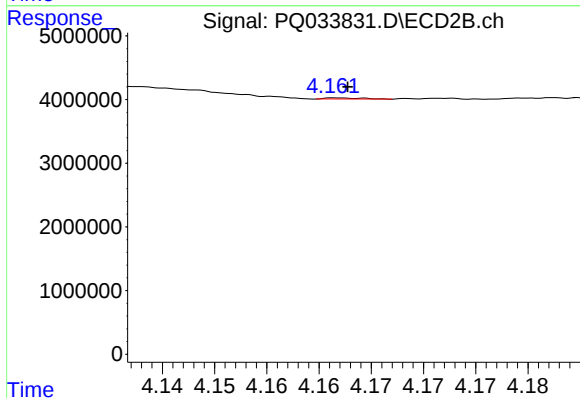
R.T.: 4.079 min
Delta R.T.: 0.003 min
Response: 49046
Conc: 2.65 ng/ml



#9 AR-1221-2

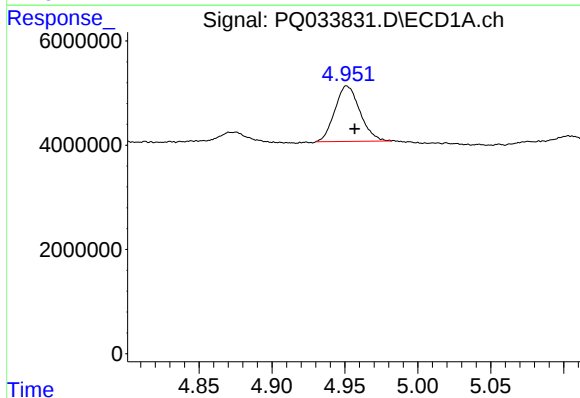
R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 1441552
Conc: 87.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



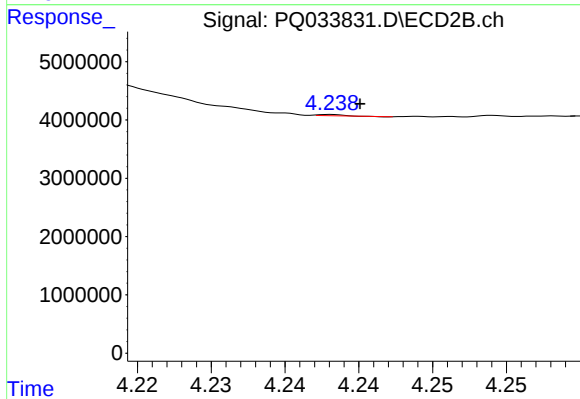
#9 AR-1221-2

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 43198
Conc: 3.27 ng/ml



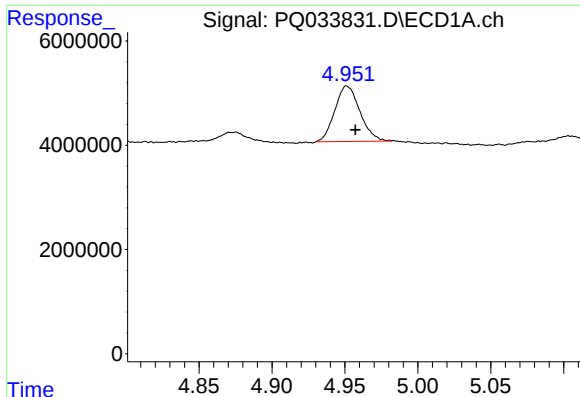
#10 AR-1221-3

R.T.: 4.951 min
Delta R.T.: -0.006 min
Response: 12734041
Conc: 221.95 ng/ml



#10 AR-1221-3

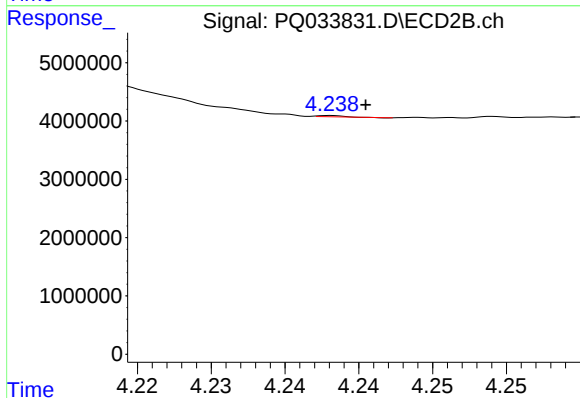
R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 27148
Conc: 0.59 ng/ml



#11 AR-1232-1

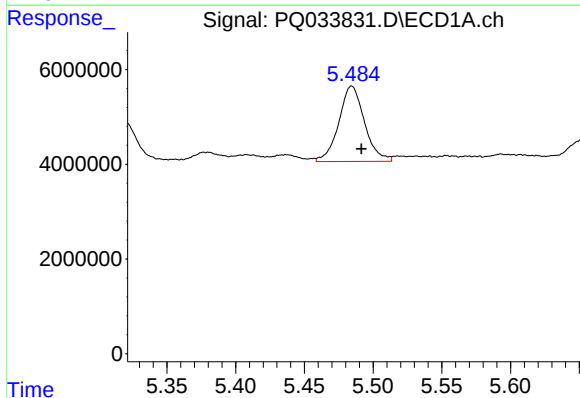
R.T.: 4.951 min
Delta R.T.: -0.006 min
Response: 12734041
Conc: 286.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



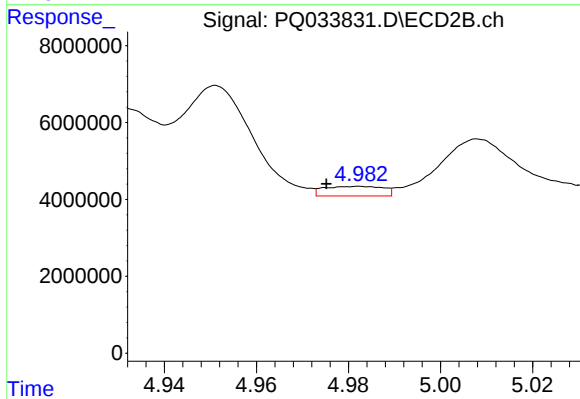
#11 AR-1232-1

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 27148
Conc: 0.78 ng/ml



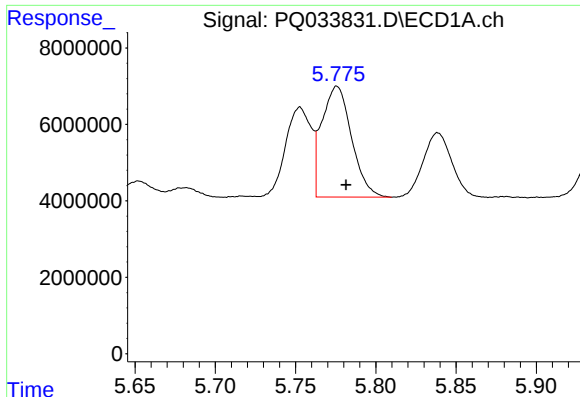
#12 AR-1232-2

R.T.: 5.484 min
Delta R.T.: -0.007 min
Response: 20726901
Conc: 877.56 ng/ml



#12 AR-1232-2

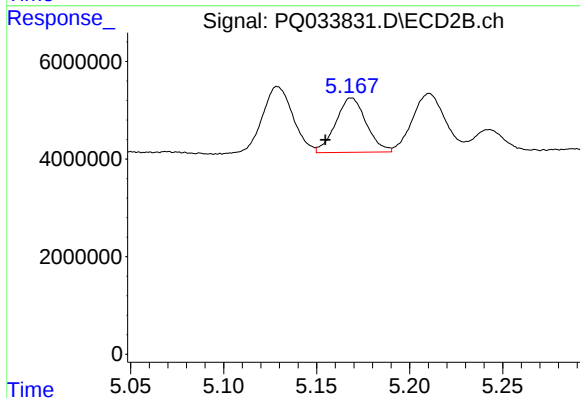
R.T.: 4.982 min
Delta R.T.: 0.007 min
Response: 2248290
Conc: 59.79 ng/ml



#13 AR-1232-3

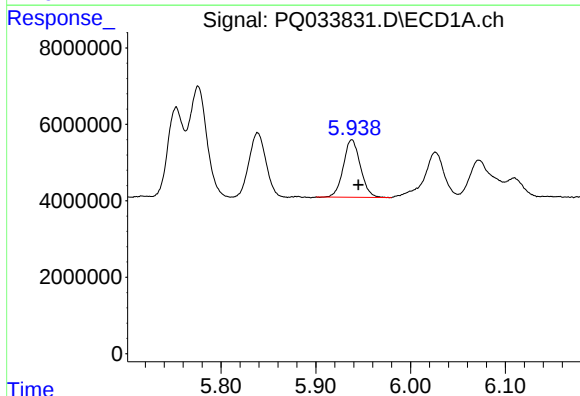
R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 37374350
Conc: 781.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



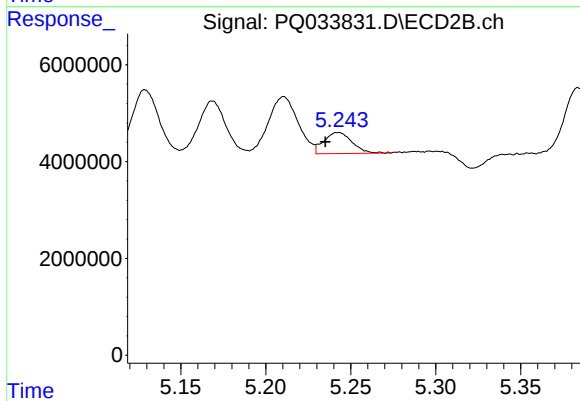
#13 AR-1232-3

R.T.: 5.169 min
Delta R.T.: 0.014 min
Response: 12779444
Conc: 652.49 ng/ml



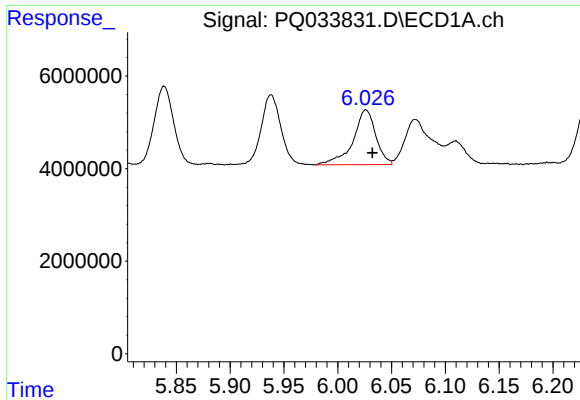
#14 AR-1232-4

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 18795465
Conc: 789.10 ng/ml



#14 AR-1232-4

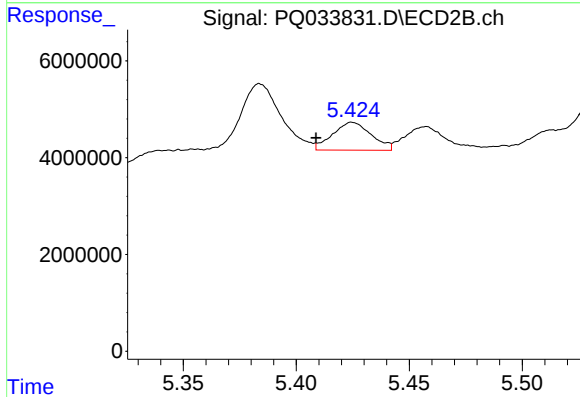
R.T.: 5.243 min
Delta R.T.: 0.008 min
Response: 5071906
Conc: 295.51 ng/ml



#15 AR-1232-5

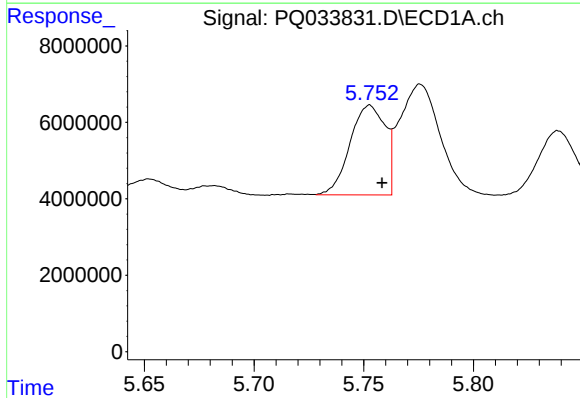
R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 17439812
Conc: 977.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



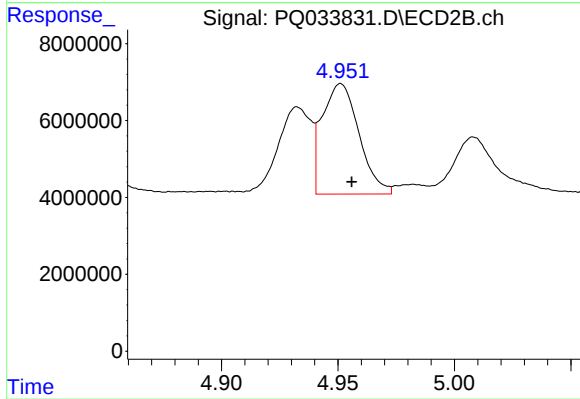
#15 AR-1232-5

R.T.: 5.425 min
Delta R.T.: 0.016 min
Response: 6855004
Conc: 351.54 ng/ml



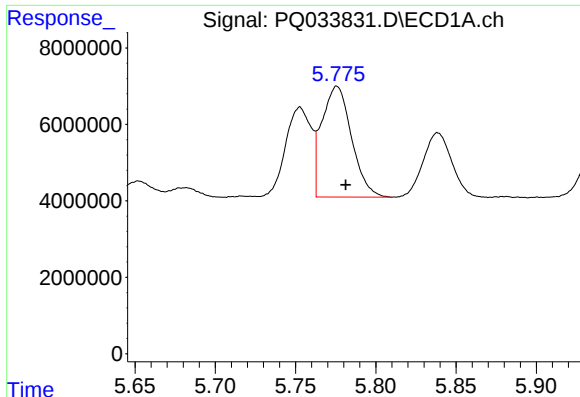
#16 AR-1242-1

R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 26112817
Conc: 437.57 ng/ml



#16 AR-1242-1

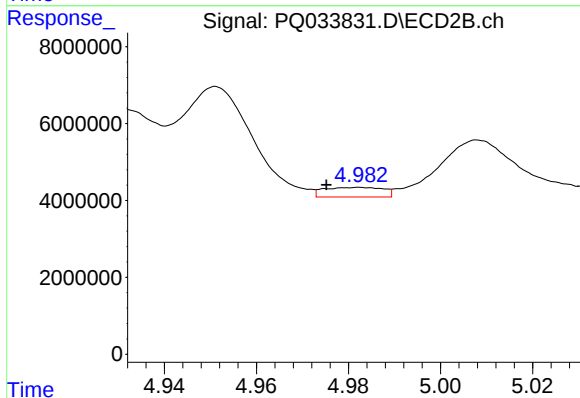
R.T.: 4.951 min
Delta R.T.: -0.005 min
Response: 31683883
Conc: 651.15 ng/ml



#17 AR-1242-2

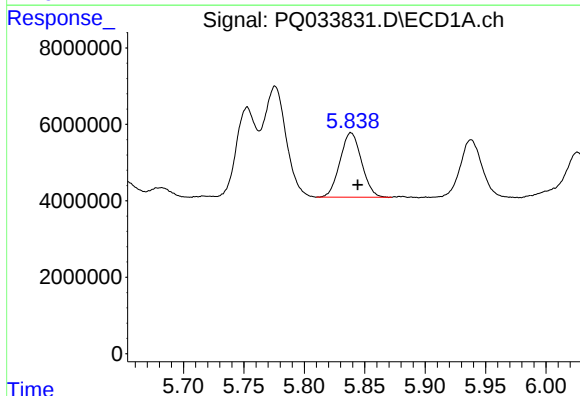
R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 37374350
Conc: 430.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



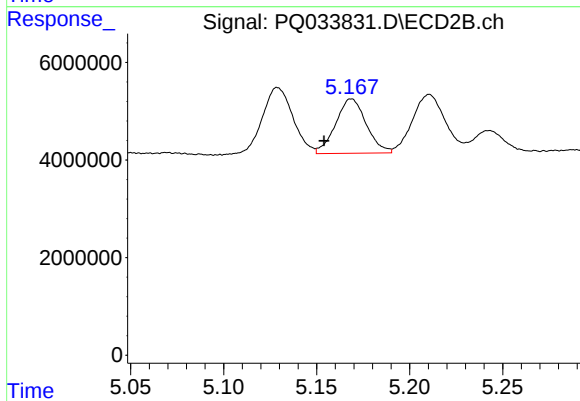
#17 AR-1242-2

R.T.: 4.982 min
Delta R.T.: 0.007 min
Response: 2248290
Conc: 33.31 ng/ml



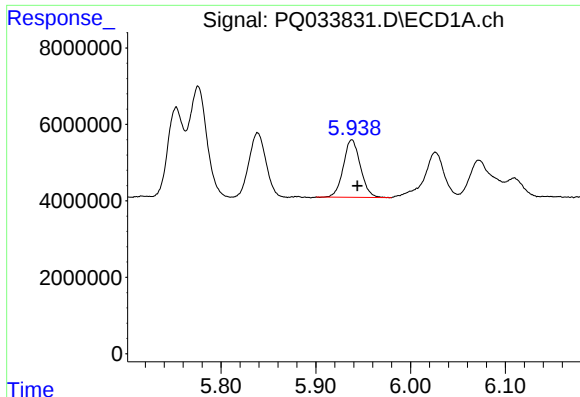
#18 AR-1242-3

R.T.: 5.838 min
Delta R.T.: -0.006 min
Response: 20927816
Conc: 400.24 ng/ml



#18 AR-1242-3

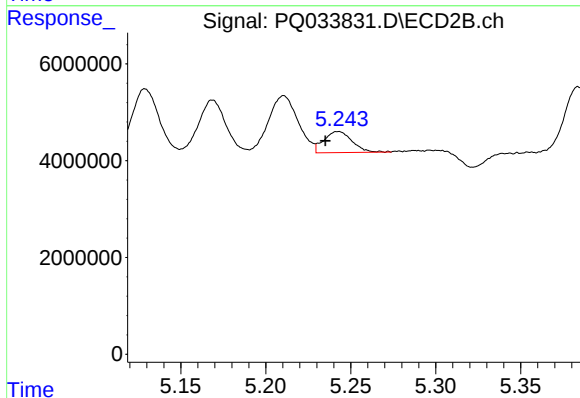
R.T.: 5.169 min
Delta R.T.: 0.015 min
Response: 12779444
Conc: 348.87 ng/ml



#19 AR-1242-4

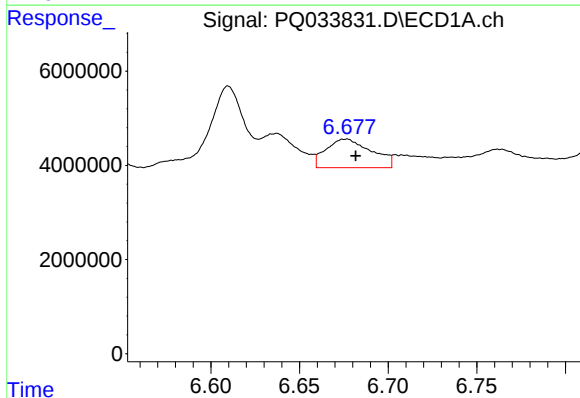
R.T.: 5.938 min
Delta R.T.: -0.006 min
Response: 18795465
Conc: 435.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



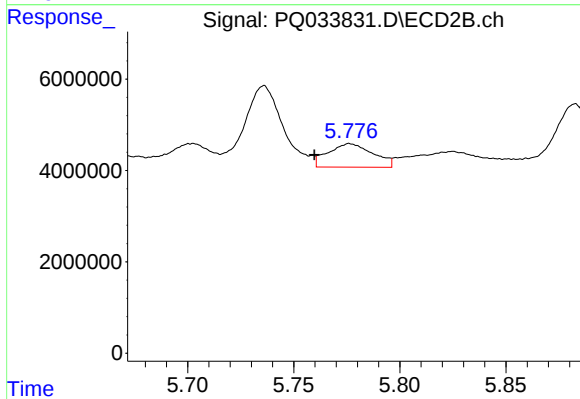
#19 AR-1242-4

R.T.: 5.243 min
Delta R.T.: 0.008 min
Response: 5071906
Conc: 137.70 ng/ml



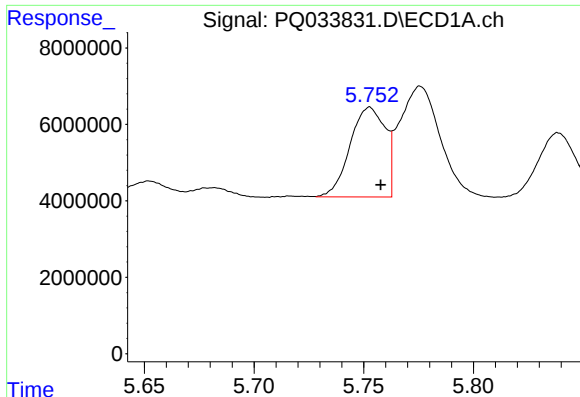
#20 AR-1242-5

R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 10898827
Conc: 221.08 ng/ml



#20 AR-1242-5

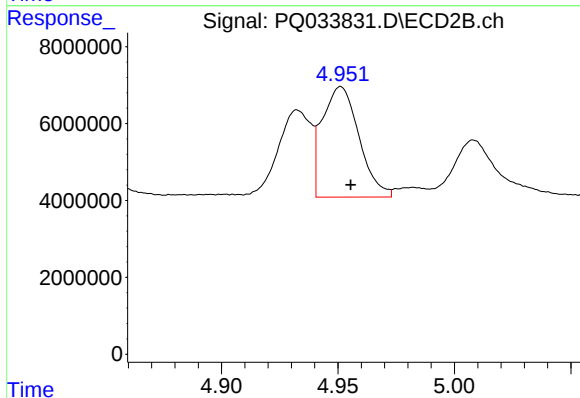
R.T.: 5.776 min
Delta R.T.: 0.017 min
Response: 7566920
Conc: 157.51 ng/ml



#21 AR-1248-1

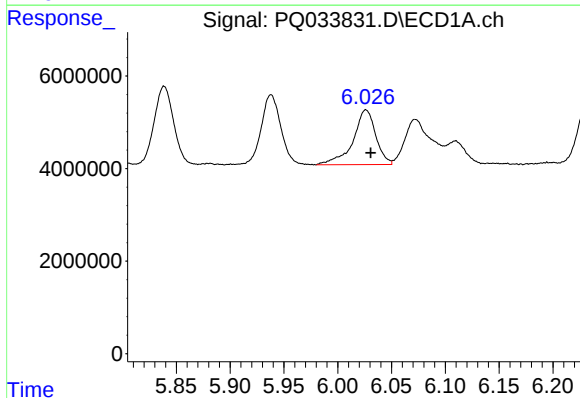
R.T.: 5.753 min
Delta R.T.: -0.005 min
Response: 26112817
Conc: 526.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



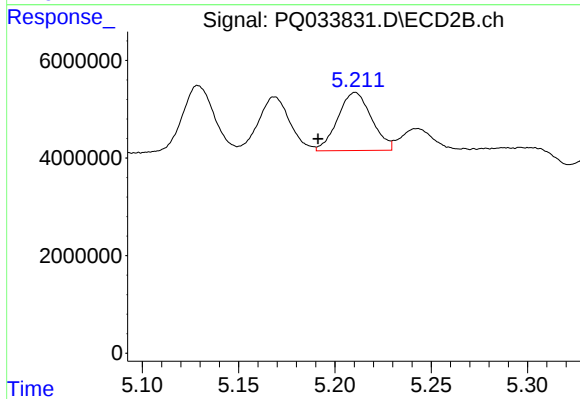
#21 AR-1248-1

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 31683883
Conc: 773.16 ng/ml



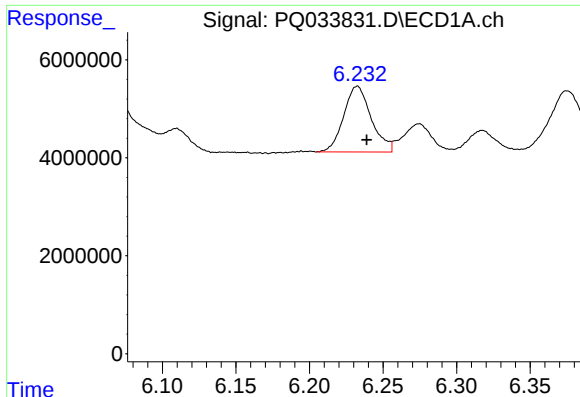
#22 AR-1248-2

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 17439812
Conc: 237.11 ng/ml



#22 AR-1248-2

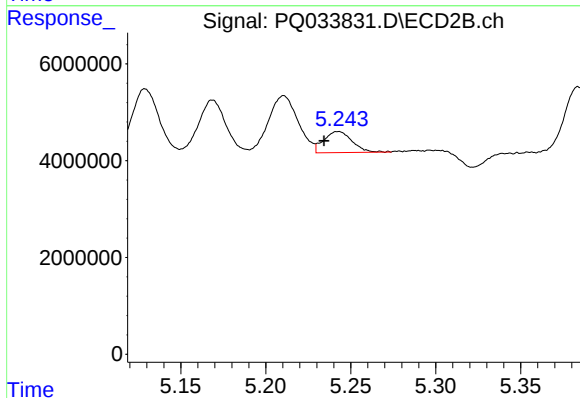
R.T.: 5.211 min
Delta R.T.: 0.019 min
Response: 14505972
Conc: 264.04 ng/ml



#23 AR-1248-3

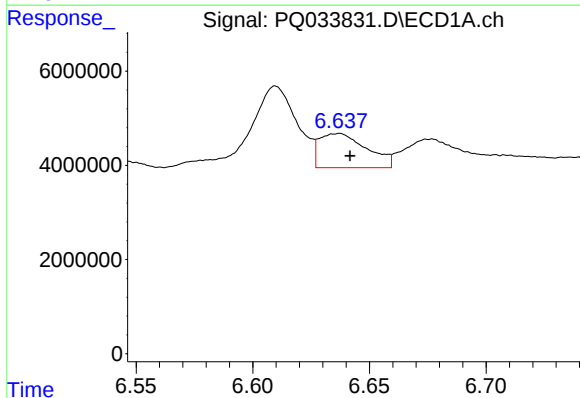
R.T.: 6.233 min
Delta R.T.: -0.006 min
Response: 17539723
Conc: 214.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



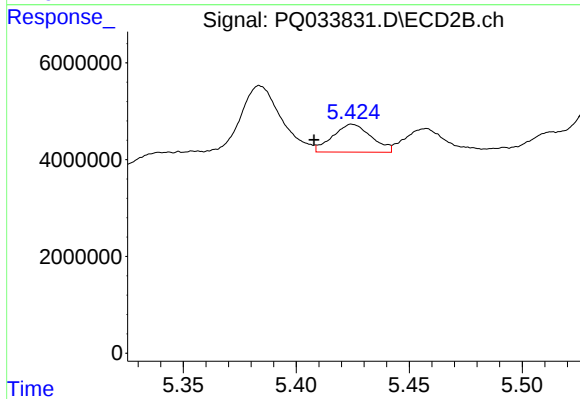
#23 AR-1248-3

R.T.: 5.243 min
Delta R.T.: 0.009 min
Response: 5071906
Conc: 90.57 ng/ml



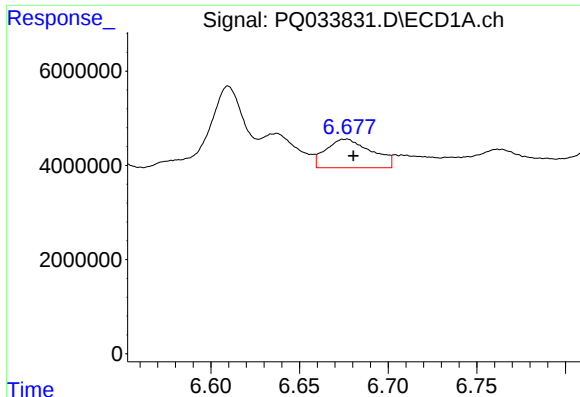
#24 AR-1248-4

R.T.: 6.637 min
Delta R.T.: -0.004 min
Response: 10269182
Conc: 109.63 ng/ml



#24 AR-1248-4

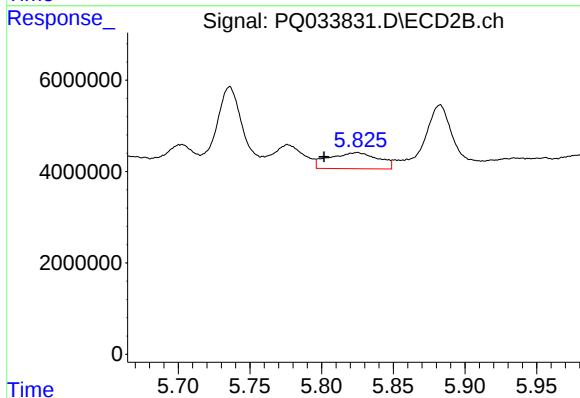
R.T.: 5.425 min
Delta R.T.: 0.017 min
Response: 6855004
Conc: 99.39 ng/ml



#25 AR-1248-5

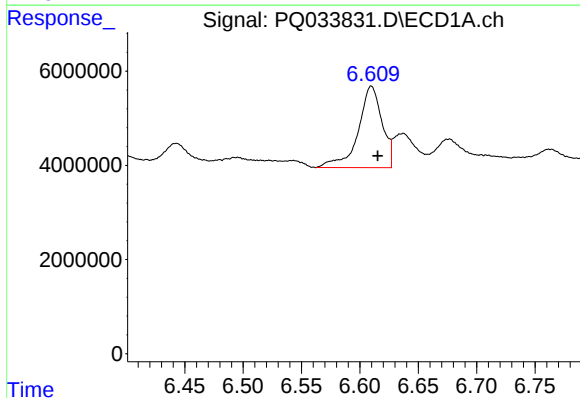
R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 10898827
Conc: 122.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



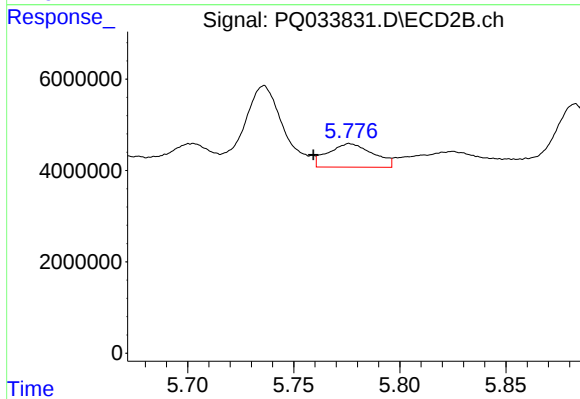
#25 AR-1248-5

R.T.: 5.825 min
Delta R.T.: 0.023 min
Response: 8396938
Conc: 121.47 ng/ml



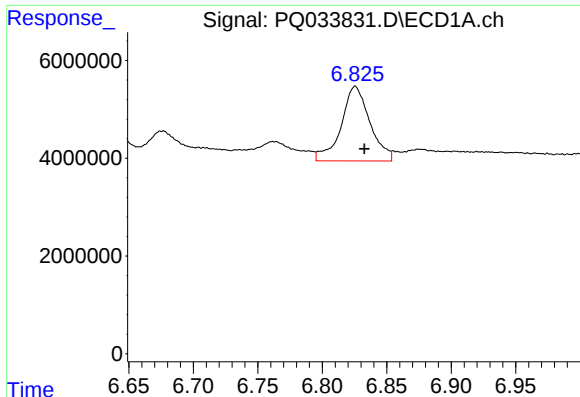
#26 AR-1254-1

R.T.: 6.610 min
Delta R.T.: -0.006 min
Response: 24596531
Conc: 248.19 ng/ml



#26 AR-1254-1

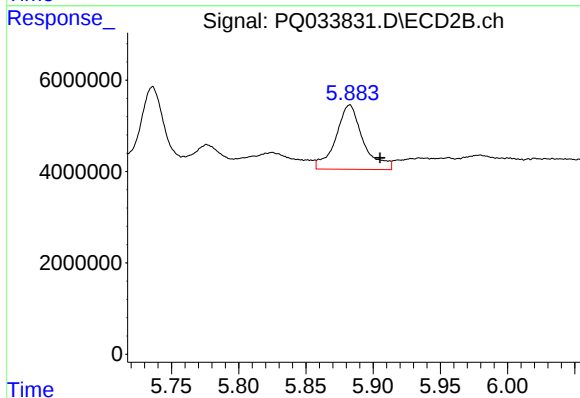
R.T.: 5.776 min
Delta R.T.: 0.017 min
Response: 7566920
Conc: 67.17 ng/ml



#27 AR-1254-2

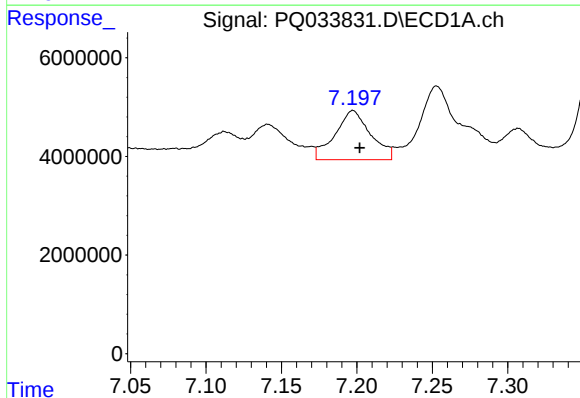
R.T.: 6.826 min
Delta R.T.: -0.007 min
Response: 23822061
Conc: 152.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



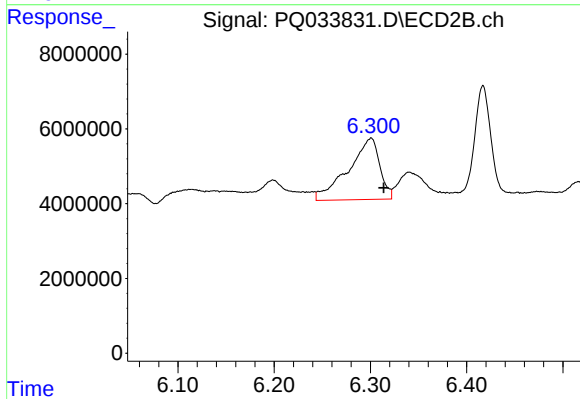
#27 AR-1254-2

R.T.: 5.883 min
Delta R.T.: -0.022 min
Response: 19869572
Conc: 201.22 ng/ml



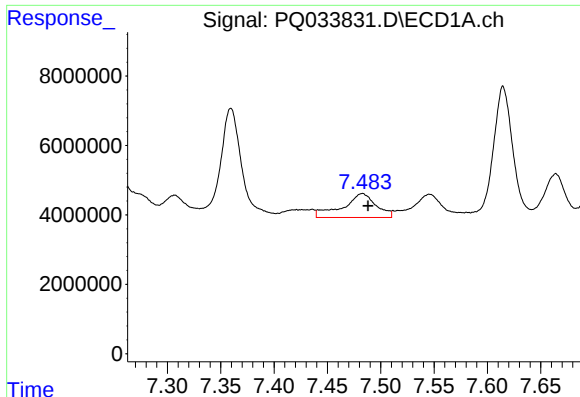
#28 AR-1254-3

R.T.: 7.197 min
Delta R.T.: -0.005 min
Response: 16395514
Conc: 96.62 ng/ml



#28 AR-1254-3

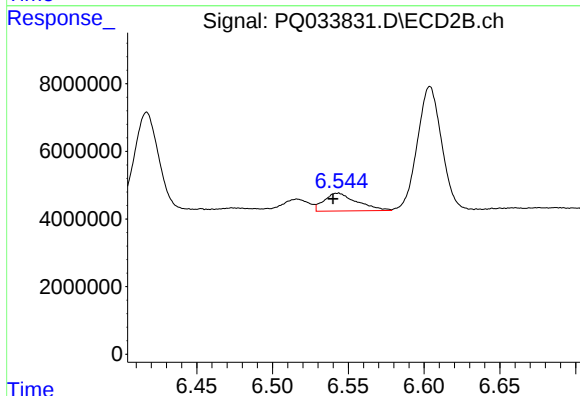
R.T.: 6.301 min
Delta R.T.: -0.013 min
Response: 37199517
Conc: 223.84 ng/ml



#29 AR-1254-4

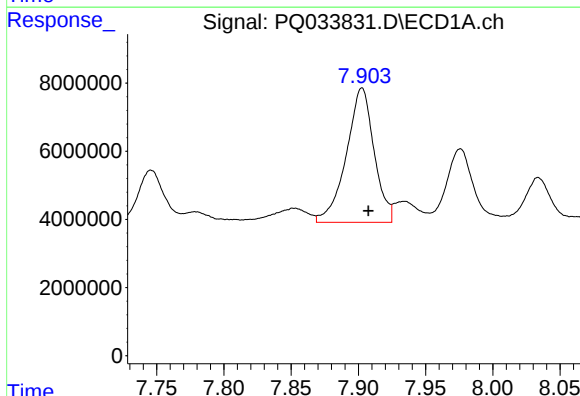
R.T.: 7.483 min
Delta R.T.: -0.005 min
Response: 14981689
Conc: 121.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



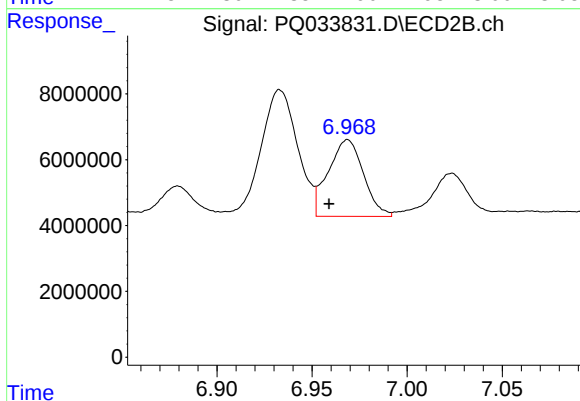
#29 AR-1254-4

R.T.: 6.544 min
Delta R.T.: 0.004 min
Response: 7971832
Conc: 74.93 ng/ml



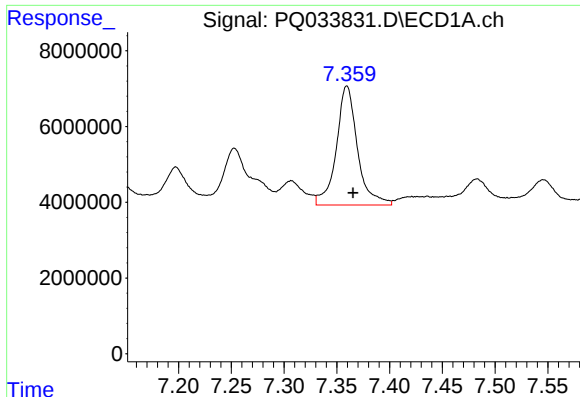
#30 AR-1254-5

R.T.: 7.903 min
Delta R.T.: -0.005 min
Response: 56808916
Conc: 429.14 ng/ml



#30 AR-1254-5

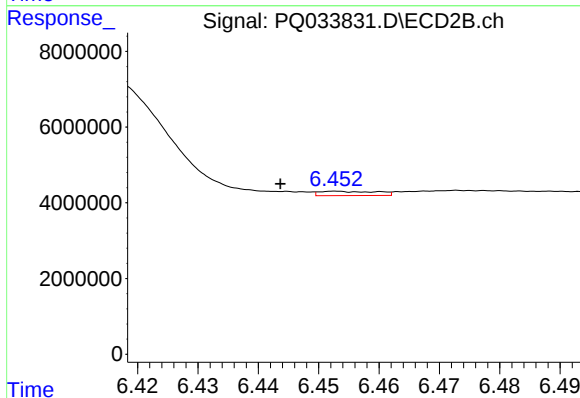
R.T.: 6.969 min
Delta R.T.: 0.010 min
Response: 29966248
Conc: 204.01 ng/ml



#31 AR-1260-1

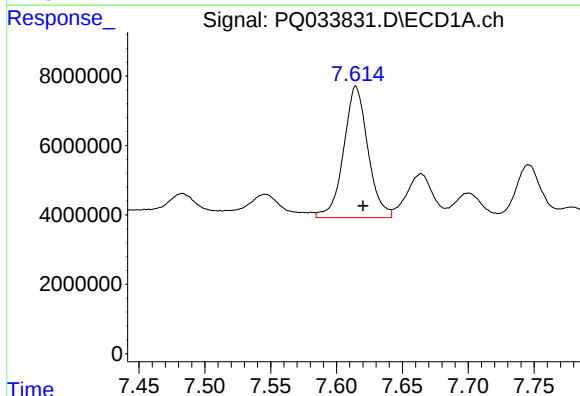
R.T.: 7.360 min
Delta R.T.: -0.006 min
Response: 43930372
Conc: 410.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



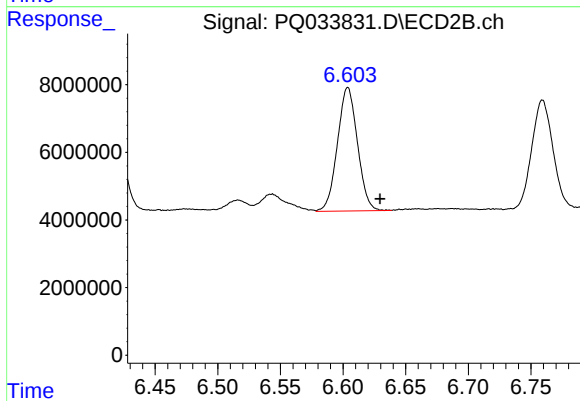
#31 AR-1260-1

R.T.: 6.453 min
Delta R.T.: 0.009 min
Response: 753988
Conc: 8.03 ng/ml



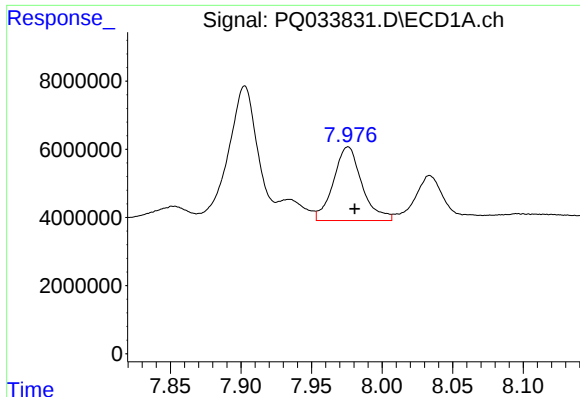
#32 AR-1260-2

R.T.: 7.615 min
Delta R.T.: -0.006 min
Response: 48544284
Conc: 384.43 ng/ml



#32 AR-1260-2

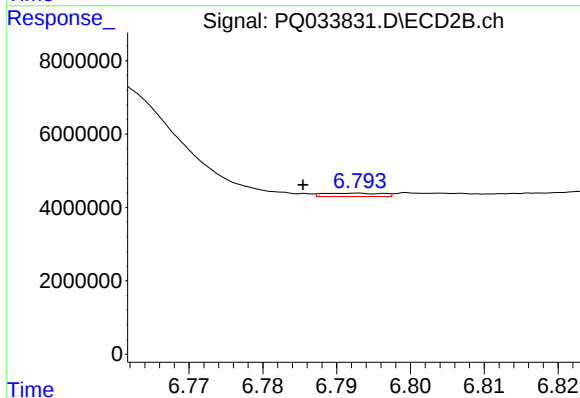
R.T.: 6.604 min
Delta R.T.: -0.026 min
Response: 40665198
Conc: 349.03 ng/ml



#33 AR-1260-3

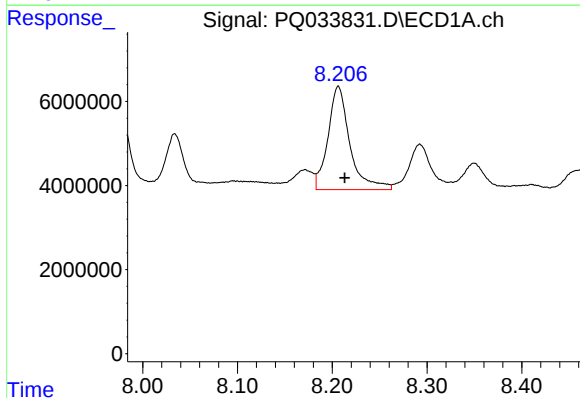
R.T.: 7.976 min
Delta R.T.: -0.005 min
Response: 30393508
Conc: 390.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



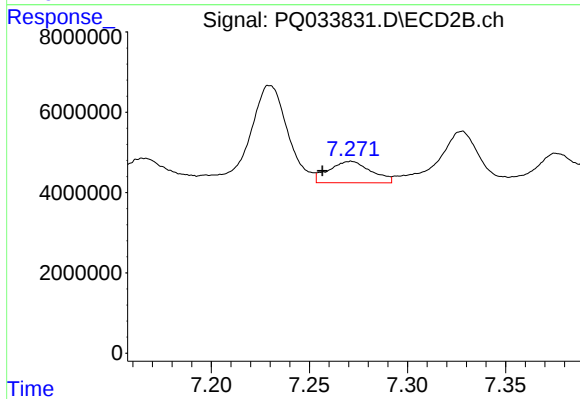
#33 AR-1260-3

R.T.: 6.793 min
Delta R.T.: 0.007 min
Response: 497614
Conc: 4.61 ng/ml



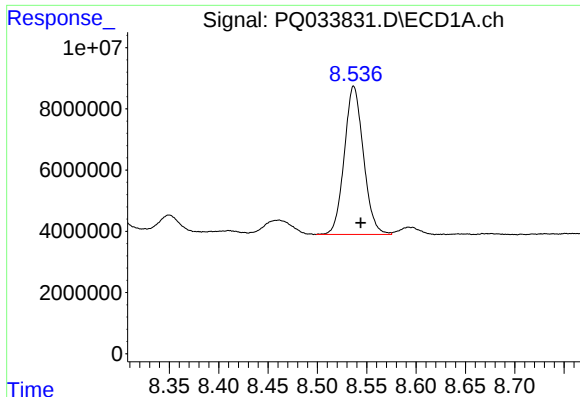
#34 AR-1260-4

R.T.: 8.206 min
Delta R.T.: -0.007 min
Response: 39519161
Conc: 390.40 ng/ml



#34 AR-1260-4

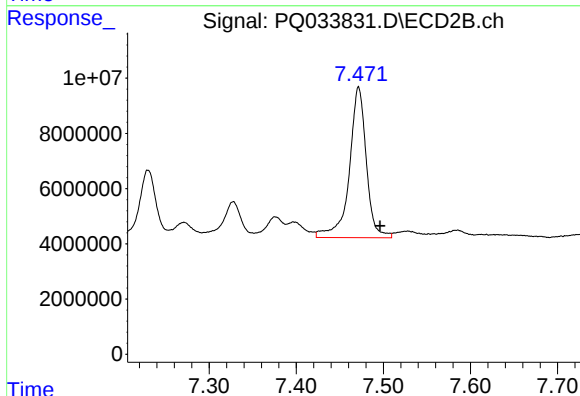
R.T.: 7.271 min
Delta R.T.: 0.014 min
Response: 7978864
Conc: 103.80 ng/ml



#35 AR-1260-5

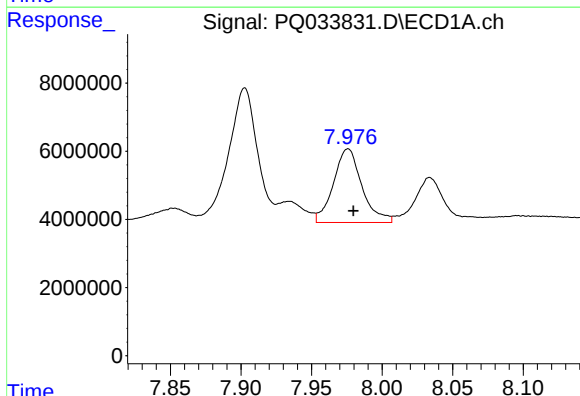
R.T.: 8.537 min
Delta R.T.: -0.007 min
Response: 65337442
Conc: 346.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



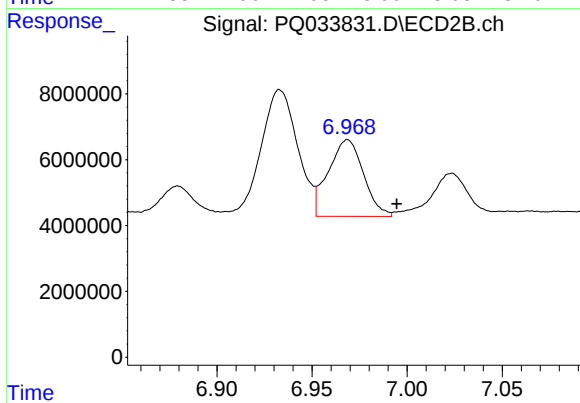
#35 AR-1260-5

R.T.: 7.472 min
Delta R.T.: -0.024 min
Response: 74109385
Conc: 385.75 ng/ml



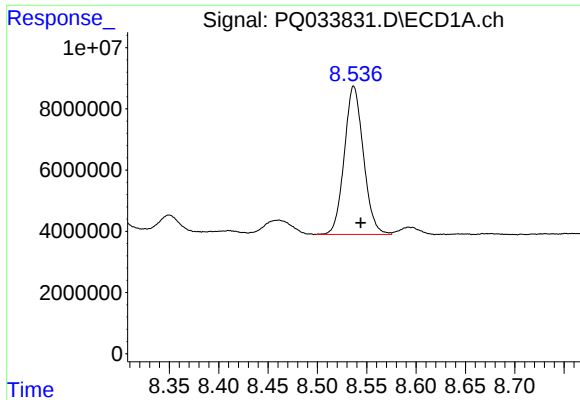
#36 AR-1262-1

R.T.: 7.976 min
Delta R.T.: -0.004 min
Response: 30393508
Conc: 225.49 ng/ml



#36 AR-1262-1

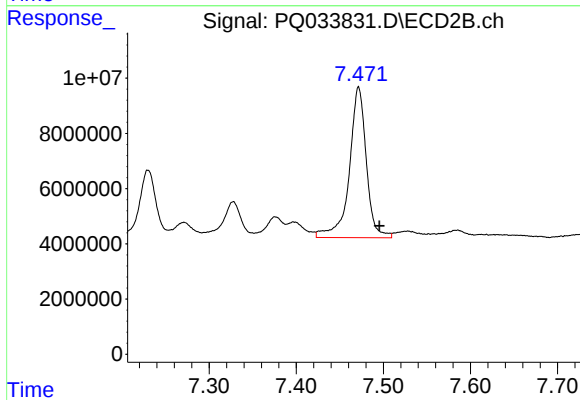
R.T.: 6.969 min
Delta R.T.: -0.026 min
Response: 29966248
Conc: 233.18 ng/ml



#37 AR-1262-2

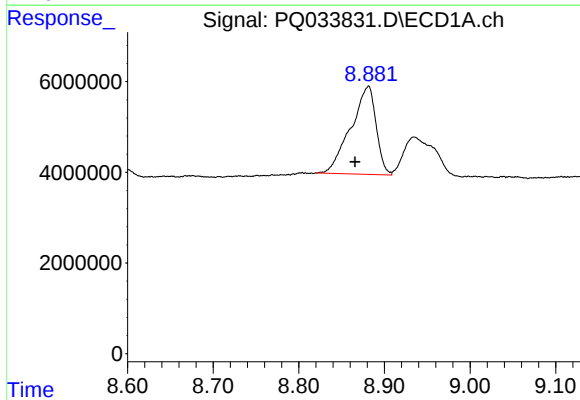
R.T.: 8.537 min
Delta R.T.: -0.007 min
Response: 65337442
Conc: 264.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



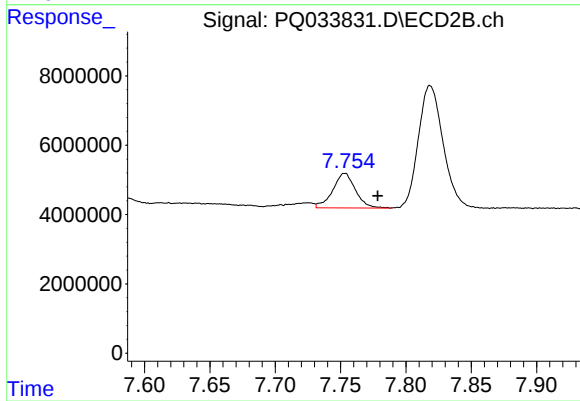
#37 AR-1262-2

R.T.: 7.472 min
Delta R.T.: -0.024 min
Response: 74109385
Conc: 309.39 ng/ml



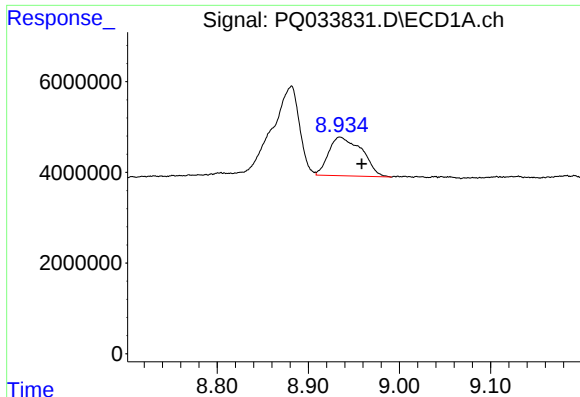
#38 AR-1262-3

R.T.: 8.882 min
Delta R.T.: 0.016 min
Response: 39873088
Conc: 241.06 ng/ml



#38 AR-1262-3

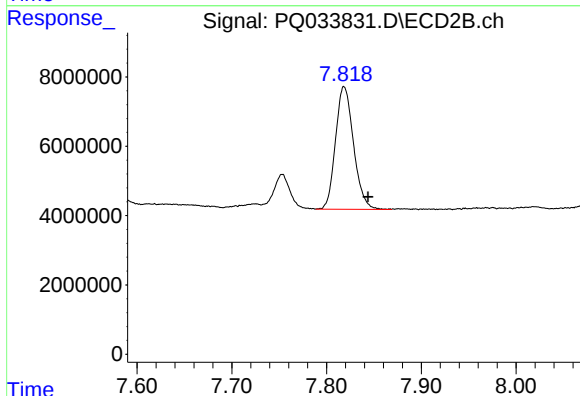
R.T.: 7.753 min
Delta R.T.: -0.025 min
Response: 12064717
Conc: 129.52 ng/ml



#39 AR-1262-4

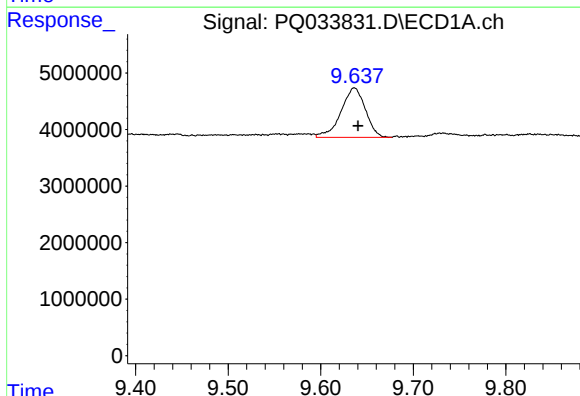
R.T.: 8.934 min
Delta R.T.: -0.024 min
Response: 21667896
Conc: 317.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



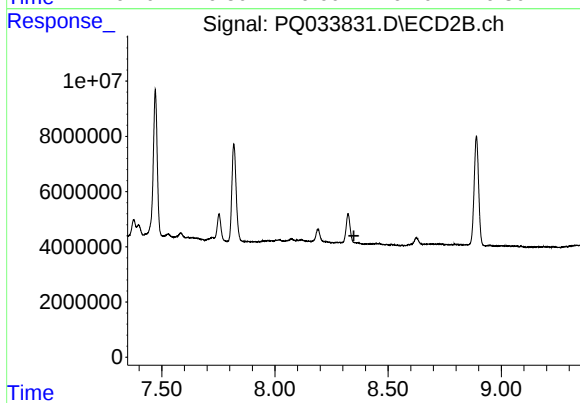
#39 AR-1262-4

R.T.: 7.819 min
Delta R.T.: -0.025 min
Response: 46757429
Conc: 268.58 ng/ml



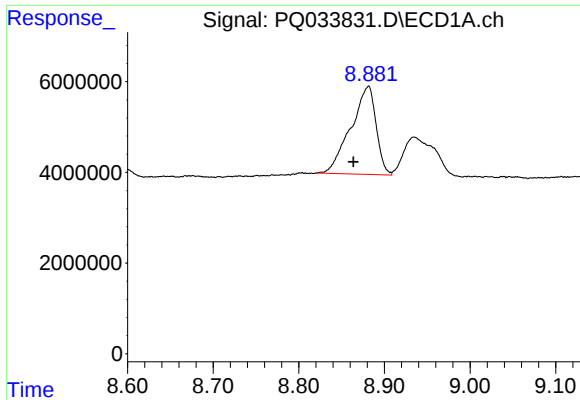
#40 AR-1262-5

R.T.: 9.636 min
Delta R.T.: -0.004 min
Response: 16069408
Conc: 183.67 ng/ml



#40 AR-1262-5

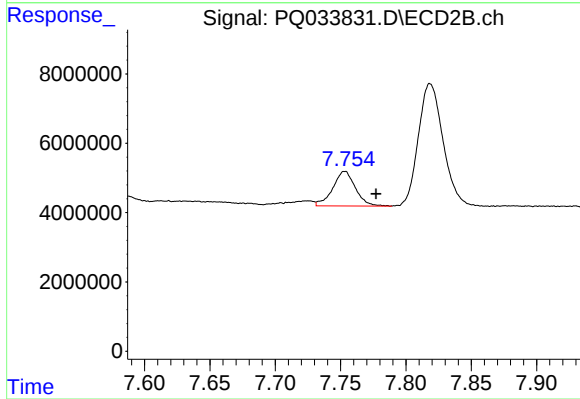
R.T.: 8.368 min
Delta R.T.: 0.020 min
Response: -17159
Conc: N.D.



#41 AR-1268-1

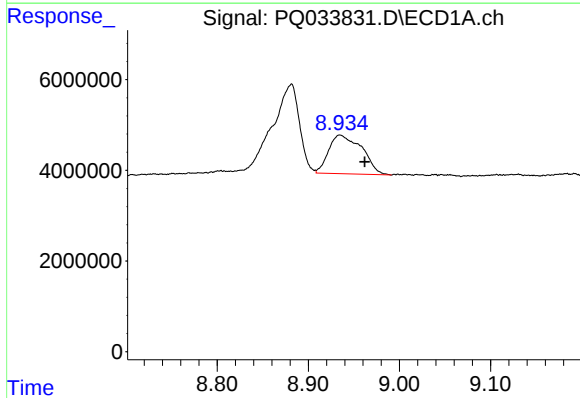
R.T.: 8.882 min
Delta R.T.: 0.018 min
Response: 39873088
Conc: 108.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



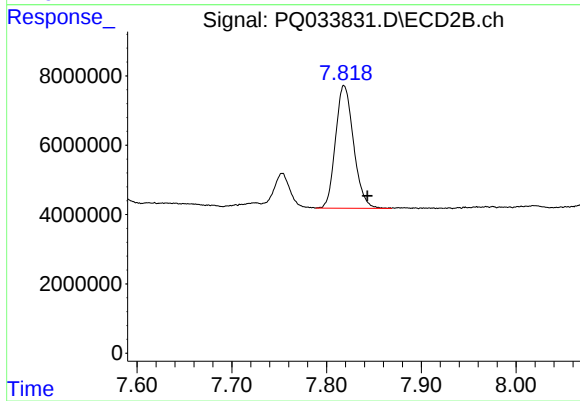
#41 AR-1268-1

R.T.: 7.753 min
Delta R.T.: -0.024 min
Response: 12064717
Conc: 35.29 ng/ml



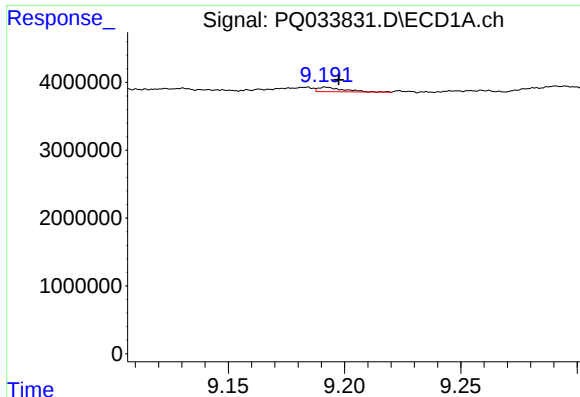
#42 AR-1268-2

R.T.: 8.934 min
Delta R.T.: -0.027 min
Response: 21667896
Conc: 65.01 ng/ml



#42 AR-1268-2

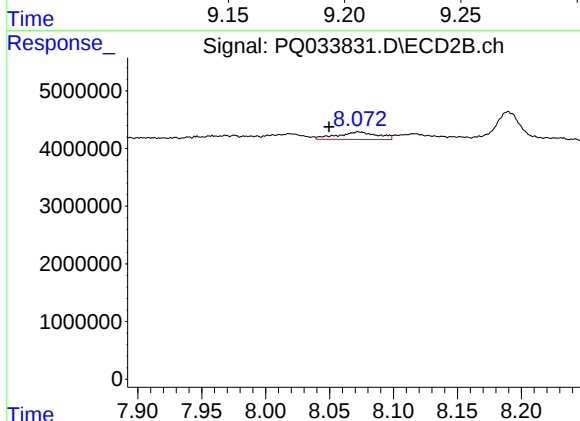
R.T.: 7.819 min
Delta R.T.: -0.025 min
Response: 46757429
Conc: 151.31 ng/ml



#43 AR-1268-3

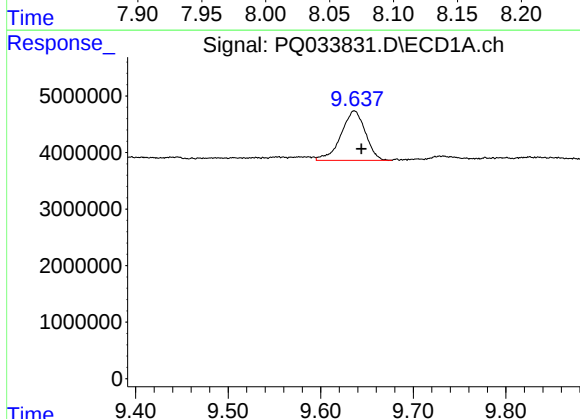
R.T.: 9.192 min
Delta R.T.: -0.005 min
Response: 504881
Conc: 1.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



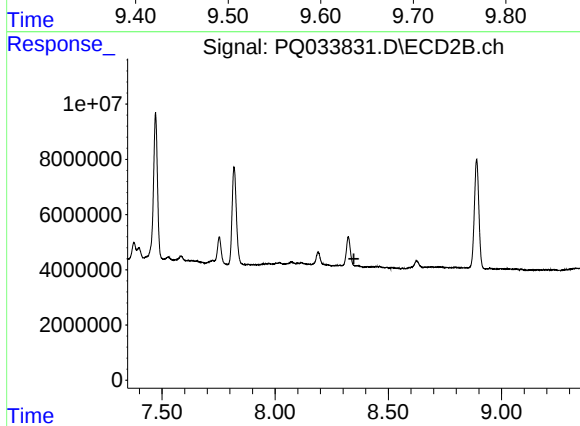
#43 AR-1268-3

R.T.: 8.073 min
Delta R.T.: 0.023 min
Response: 2834298
Conc: 11.08 ng/ml



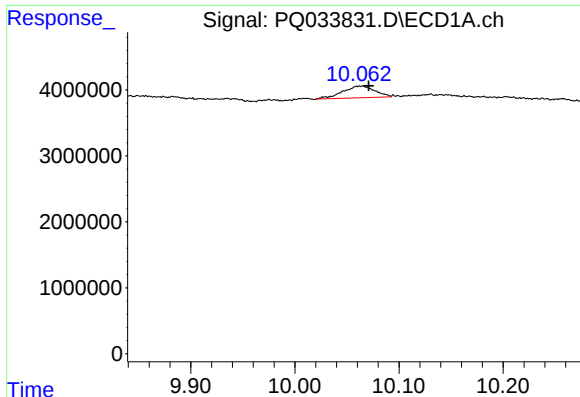
#44 AR-1268-4

R.T.: 9.636 min
Delta R.T.: -0.008 min
Response: 16069408
Conc: 133.00 ng/ml



#44 AR-1268-4

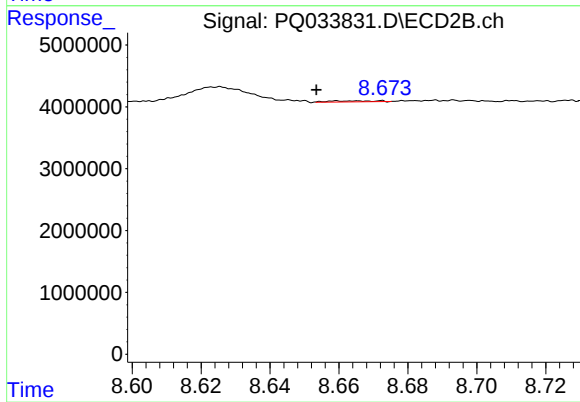
R.T.: 8.368 min
Delta R.T.: 0.021 min
Response: -17159
Conc: N.D.



#45 AR-1268-5

R.T.: 10.065 min
Delta R.T.: -0.006 min
Response: 3815560
Conc: 4.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.672 min
Delta R.T.: 0.019 min
Response: 150637
Conc: 0.18 ng/ml