

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012619\
 Data File : PQ036753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2019 14:17
 Operator : SM\SJ
 Sample : K1223-05RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 TS-QRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 23:45:58 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...	4.347	3.705	60395835	35258142	13.121	14.715
2)	SA Decachlor...	9.949	8.645	39965111	17543434	10.962	9.325
Target Compounds							
3)	L1 AR-1016-1	0.000	4.804	0	7849941	N.D.	104.218 #
4)	L1 AR-1016-2	0.000	4.804	0	7849941	N.D.	70.531 #
5)	L1 AR-1016-3	5.650	4.970	12132152	1486274	97.873	26.354 #
6)	L1 AR-1016-4	5.650	4.970	12132152	1486274	121.998	32.901 #
7)	L1 AR-1016-5	5.967	5.167	11728085	8295948	118.808	142.227
9)	L2 AR-1221-2	0.000	4.003	0	1865353	N.D.	99.384 #
10)	L2 AR-1221-3	4.731	4.071	6729831	2108717	60.197	35.008 #
11)	L3 AR-1232-1	4.731	4.071	6729831	2108717	72.283	41.914 #
12)	L3 AR-1232-2	5.209	4.804	5007404	7849941	106.543	146.350 #
13)	L3 AR-1232-3	0.000	4.970	0	1486274	N.D.	58.182 #
14)	L3 AR-1232-4	5.650	5.078	12132152	10364502	260.719	437.776 #
15)	L3 AR-1232-5	5.769	5.167	2366467	8295948	68.948	328.379 #
16)	L4 AR-1242-1	0.000	4.804	0	7849941	N.D.	125.000 #
17)	L4 AR-1242-2	0.000	4.804	0	7849941	N.D.	84.109 #
18)	L4 AR-1242-3	5.650	4.970	12132152	1486274	116.976	31.764 #
19)	L4 AR-1242-4	5.650	5.078	12132152	10364502	144.236	226.839 #
20)	L4 AR-1242-5	6.417	5.579	2922191	13930708	32.205	248.859 #
21)	L5 AR-1248-1	0.000	4.804	0	7849941	N.D.	159.177 #
22)	L5 AR-1248-2	5.769	4.970	2366467	1486274	19.396	22.908
23)	L5 AR-1248-3	5.967	5.078	11728085	10364502	85.399	156.404 #
24)	L5 AR-1248-4	6.368	5.167	27019958	8295948	172.160	104.451 #
25)	L5 AR-1248-5	6.417	5.579	2922191	13930708	19.692	176.311 #
26)	L6 AR-1254-1	6.368	5.579	27019958	13930708	152.373	104.051 #
27)	L6 AR-1254-2	6.571	5.711	17329585	5285600	66.523	47.764 #
28)	L6 AR-1254-3	6.932	6.116	11542242	7877537	43.111	43.765
29)	L6 AR-1254-4	7.212	6.337	3877095	2101270	19.541	15.924
30)	L6 AR-1254-5	7.630	6.748	16084976	11043245	78.787	73.532
31)	L7 AR-1260-1	7.088	6.236	12894234	7719318	66.206	67.246
32)	L7 AR-1260-2	7.343	6.424	21001192	8719012	90.937	62.019 #
33)	L7 AR-1260-3	7.699	6.575	7345884	6616304	50.939	51.621
34)	L7 AR-1260-4	7.927	7.041	9041711	3960273	53.104	45.484
35)	L7 AR-1260-5	8.240	7.284	15567649	9335913	46.294	42.760
36)	L8 AR-1262-1	7.699	6.782	7345884	4815893	26.520	28.695
37)	L8 AR-1262-2	8.240	7.284	15567649	9335913	31.747	30.831
38)	L8 AR-1262-3	8.534	7.559	2993822	1652020	14.395	14.708
39)	L8 AR-1262-4	8.610	7.625	5939637	7026221	24.486	32.571 #
40)	L8 AR-1262-5	9.257	8.120	3220887	1678885	19.795	17.851
41)	L9 AR-1268-1	8.534	7.559	2993822	1652020	4.746	4.545
42)	L9 AR-1268-2	8.610	7.625	5939637	7026221	10.093	21.206 #

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Instrument :
ECD_Q
ClientSampleId :
TS-QRE

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Quant Time: Jan 27 23:45:58 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
44)	L9 AR-1268-4	9.257	8.120	3220887	1678885	16.538	15.038

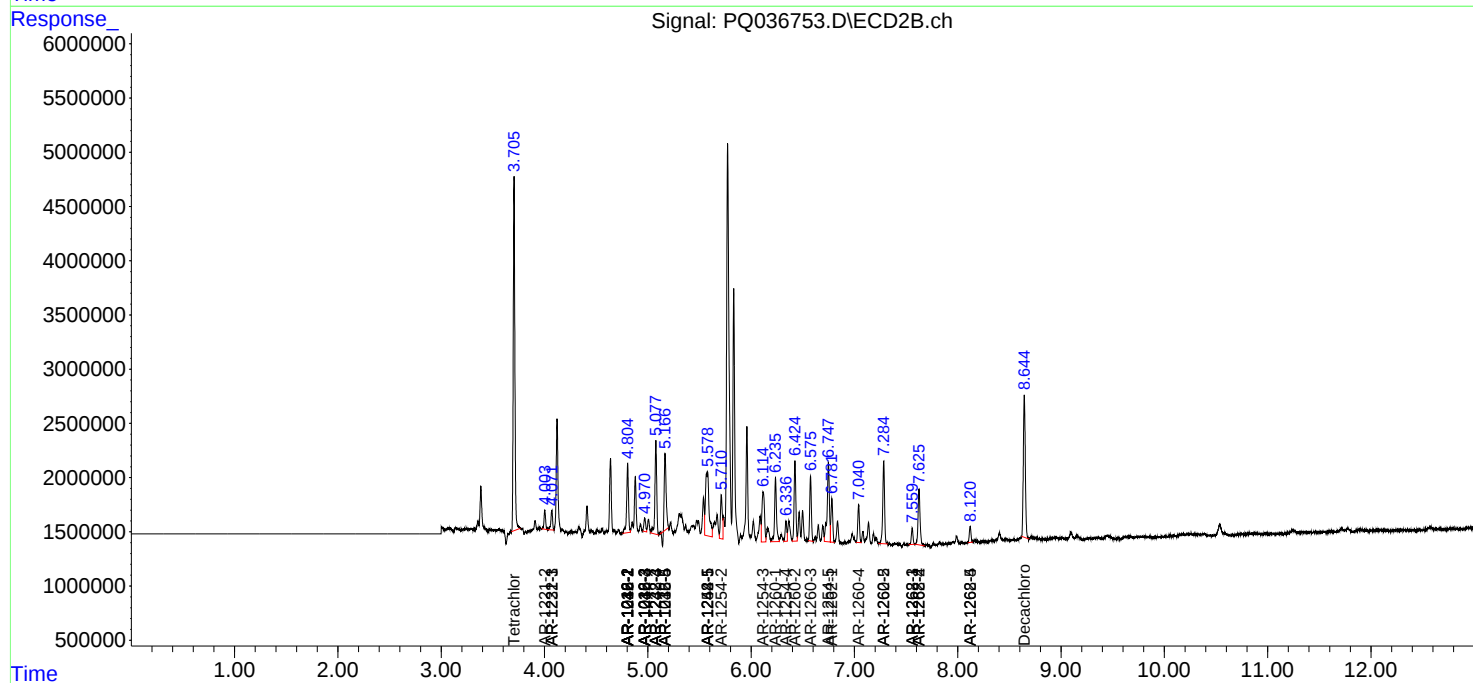
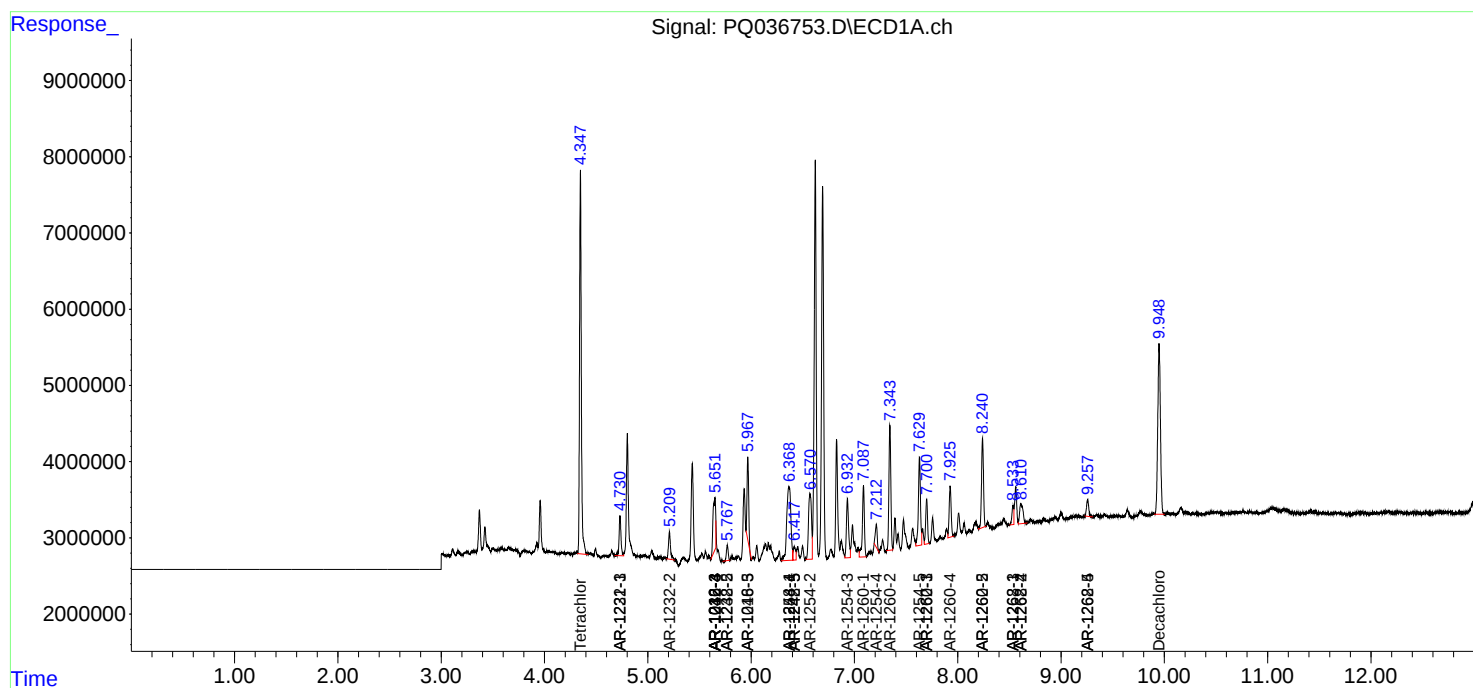
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

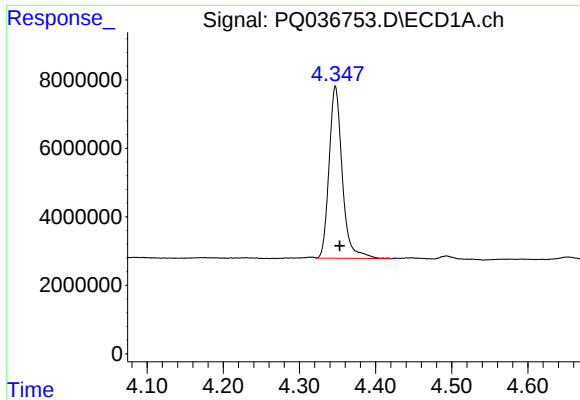
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012619\
Data File : PQ036753.D
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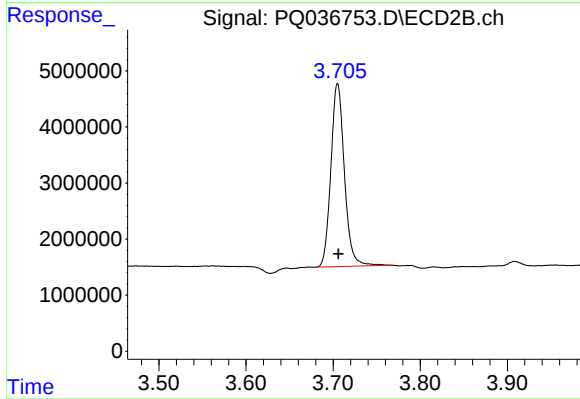




#1 Tetrachloro-m-xylene

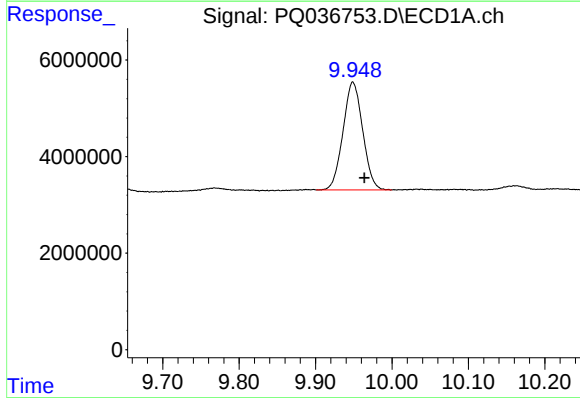
R.T.: 4.347 min
Delta R.T.: -0.006 min
Response: 60395835
Conc: 13.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



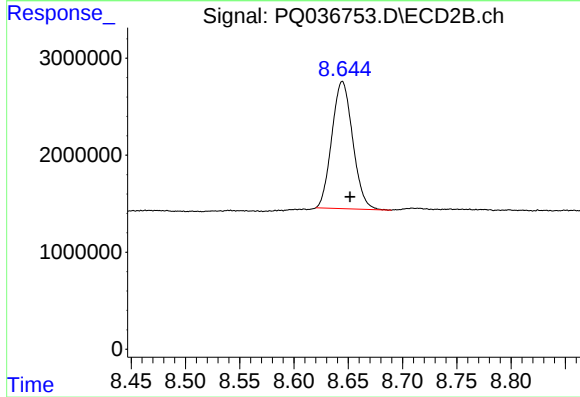
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: -0.001 min
Response: 35258142
Conc: 14.72 ng/ml



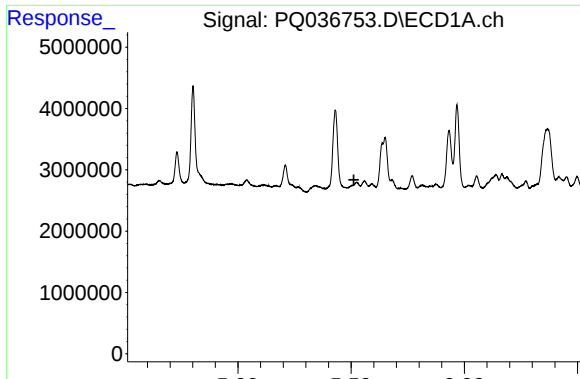
#2 Decachlorobiphenyl

R.T.: 9.949 min
Delta R.T.: -0.015 min
Response: 39965111
Conc: 10.96 ng/ml



#2 Decachlorobiphenyl

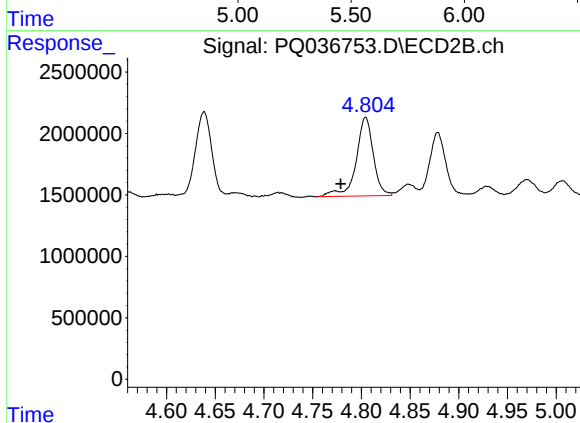
R.T.: 8.645 min
Delta R.T.: -0.007 min
Response: 17543434
Conc: 9.33 ng/ml



#3 AR-1016-1

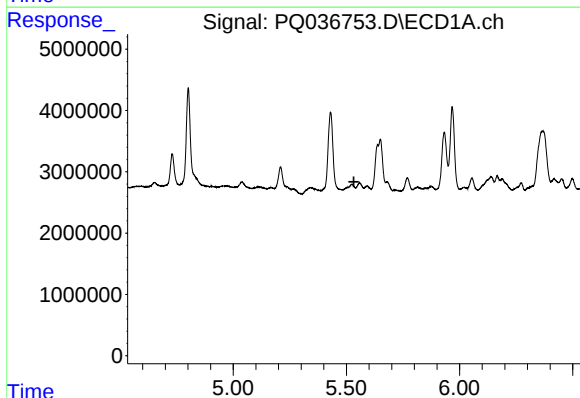
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



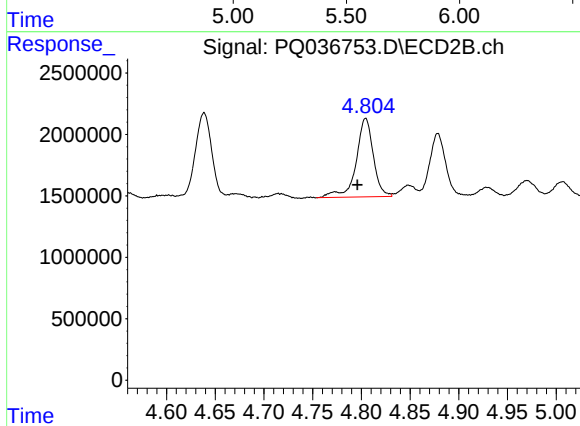
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 7849941
Conc: 104.22 ng/ml



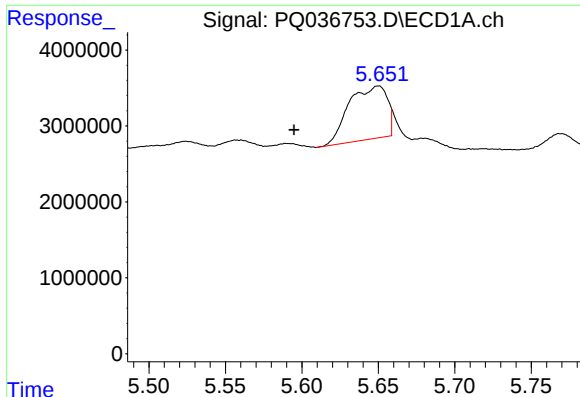
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.



#4 AR-1016-2

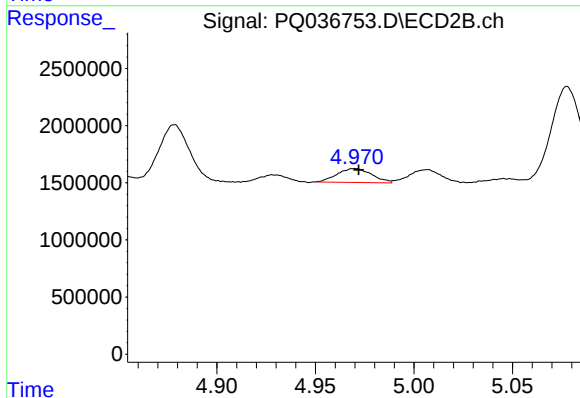
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 7849941
Conc: 70.53 ng/ml



#5 AR-1016-3

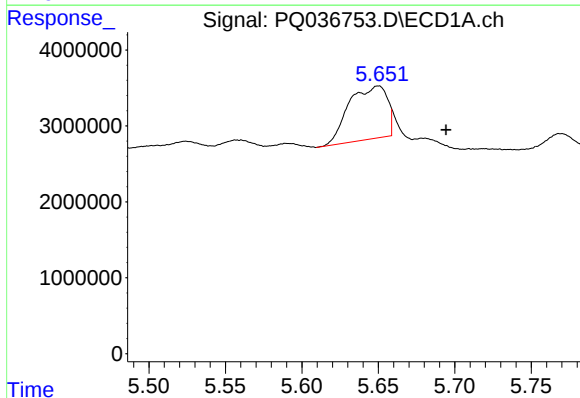
R.T.: 5.650 min
Delta R.T.: 0.055 min
Response: 12132152
Conc: 97.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



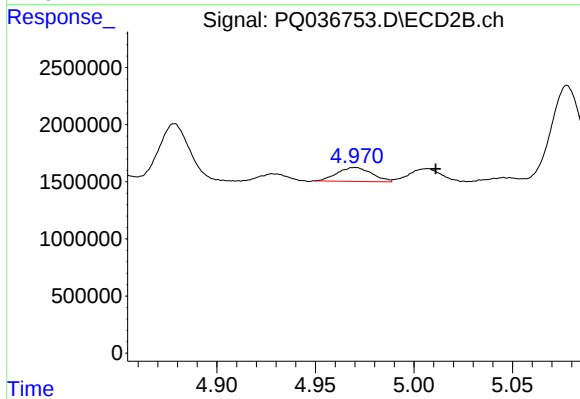
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1486274
Conc: 26.35 ng/ml



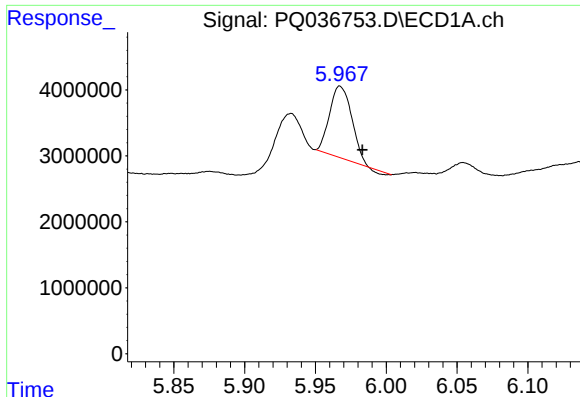
#6 AR-1016-4

R.T.: 5.650 min
Delta R.T.: -0.044 min
Response: 12132152
Conc: 122.00 ng/ml



#6 AR-1016-4

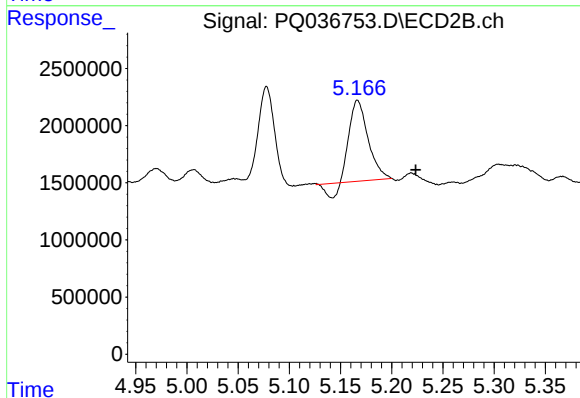
R.T.: 4.970 min
Delta R.T.: -0.041 min
Response: 1486274
Conc: 32.90 ng/ml



#7 AR-1016-5

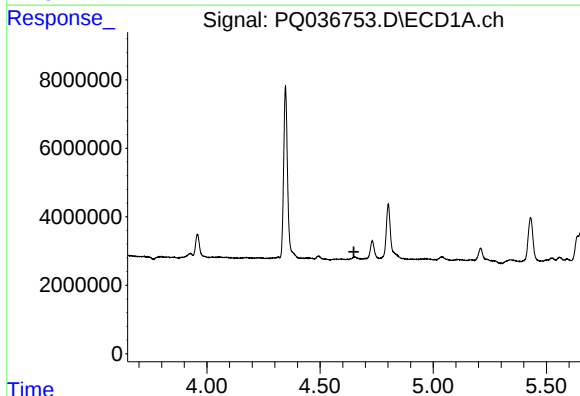
R.T.: 5.967 min
Delta R.T.: -0.016 min
Response: 11728085
Conc: 118.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



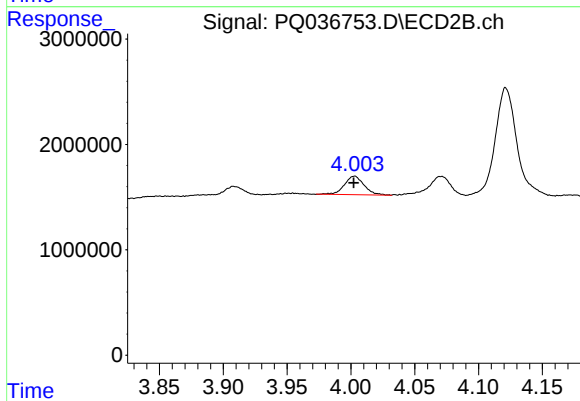
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.057 min
Response: 8295948
Conc: 142.23 ng/ml



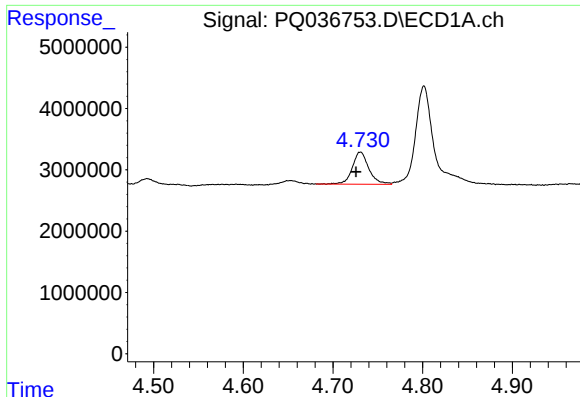
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.650 min
Response: 0
Conc: N.D.



#9 AR-1221-2

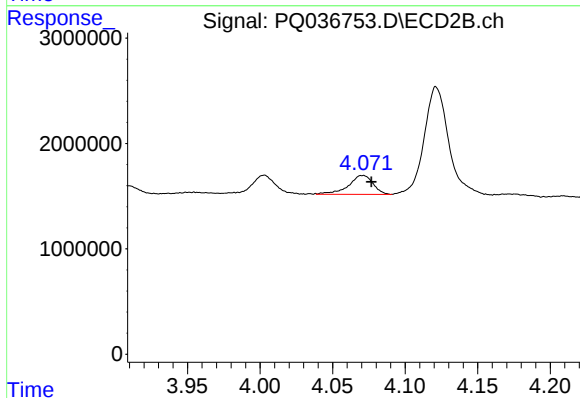
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 1865353
Conc: 99.38 ng/ml



#10 AR-1221-3

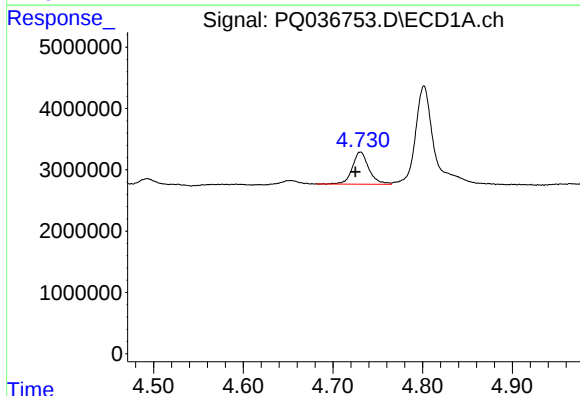
R.T.: 4.731 min
Delta R.T.: 0.005 min
Response: 6729831
Conc: 60.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



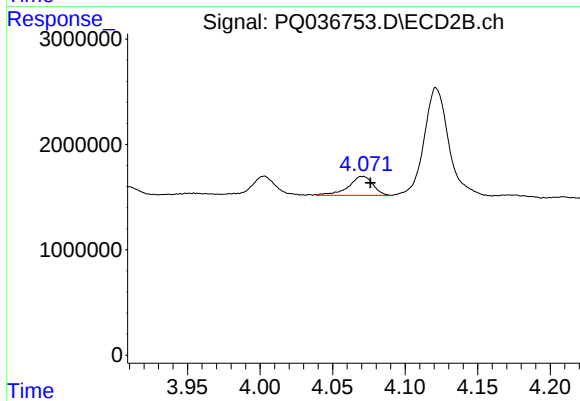
#10 AR-1221-3

R.T.: 4.071 min
Delta R.T.: -0.006 min
Response: 2108717
Conc: 35.01 ng/ml



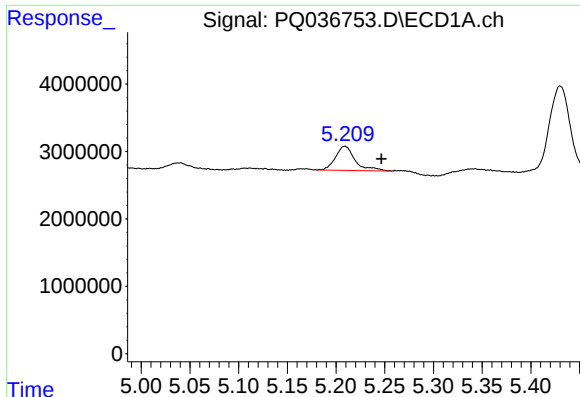
#11 AR-1232-1

R.T.: 4.731 min
Delta R.T.: 0.006 min
Response: 6729831
Conc: 72.28 ng/ml



#11 AR-1232-1

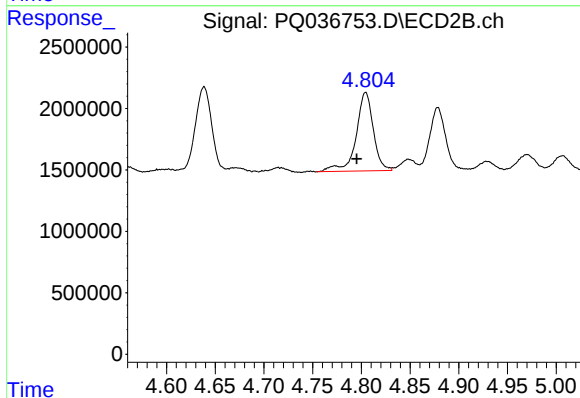
R.T.: 4.071 min
Delta R.T.: -0.005 min
Response: 2108717
Conc: 41.91 ng/ml



#12 AR-1232-2

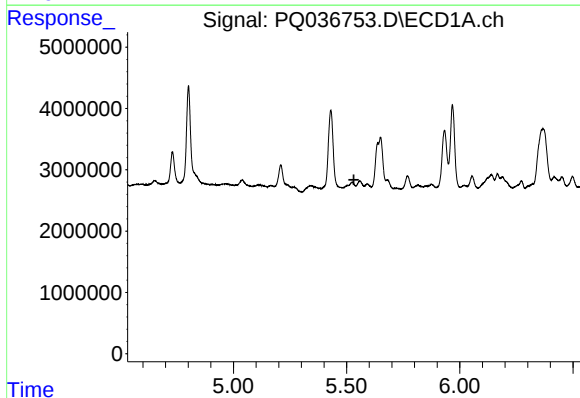
R.T.: 5.209 min
Delta R.T.: -0.038 min
Response: 5007404
Conc: 106.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



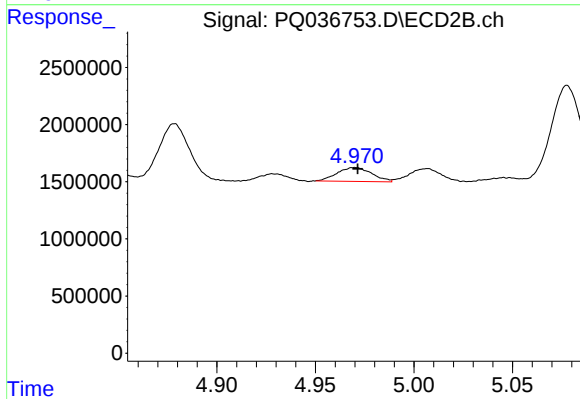
#12 AR-1232-2

R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 7849941
Conc: 146.35 ng/ml



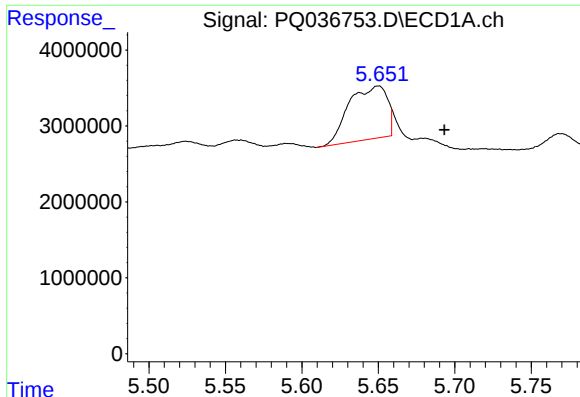
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.532 min
Response: 0
Conc: N.D.



#13 AR-1232-3

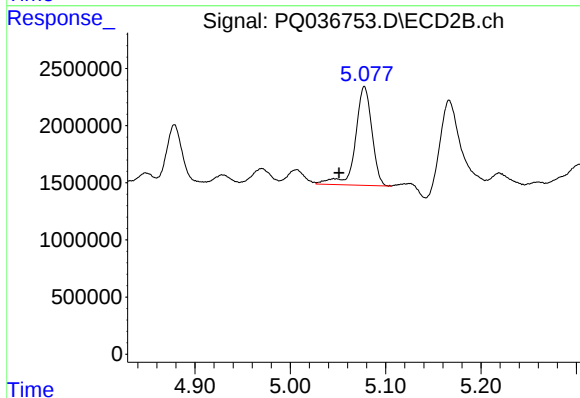
R.T.: 4.970 min
Delta R.T.: -0.001 min
Response: 1486274
Conc: 58.18 ng/ml



#14 AR-1232-4

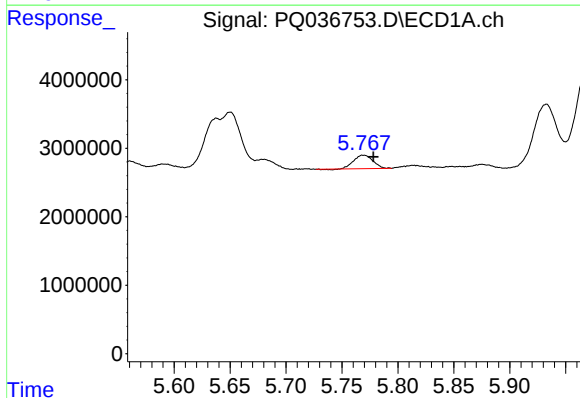
R.T.: 5.650 min
Delta R.T.: -0.043 min
Response: 12132152
Conc: 260.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



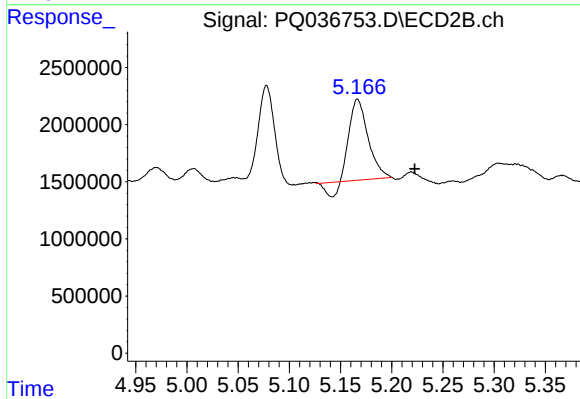
#14 AR-1232-4

R.T.: 5.078 min
Delta R.T.: 0.027 min
Response: 10364502
Conc: 437.78 ng/ml



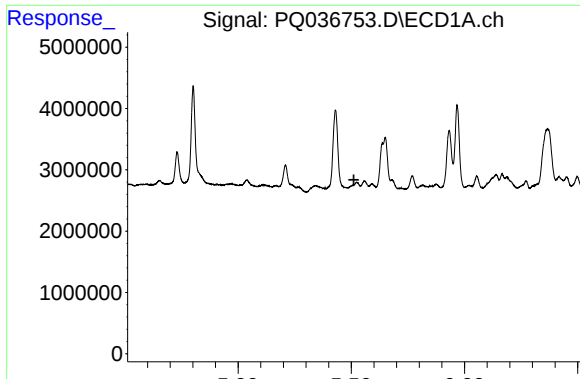
#15 AR-1232-5

R.T.: 5.769 min
Delta R.T.: -0.009 min
Response: 2366467
Conc: 68.95 ng/ml



#15 AR-1232-5

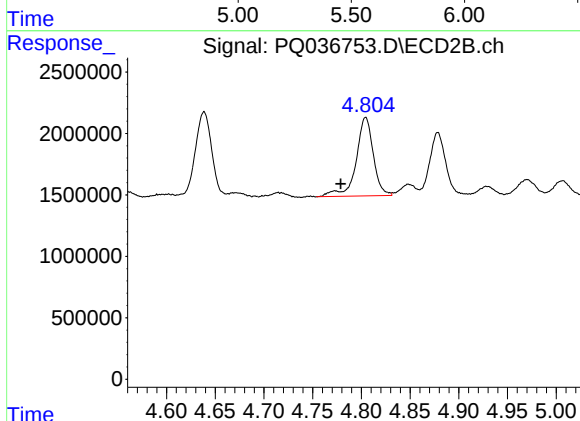
R.T.: 5.167 min
Delta R.T.: -0.056 min
Response: 8295948
Conc: 328.38 ng/ml



#16 AR-1242-1

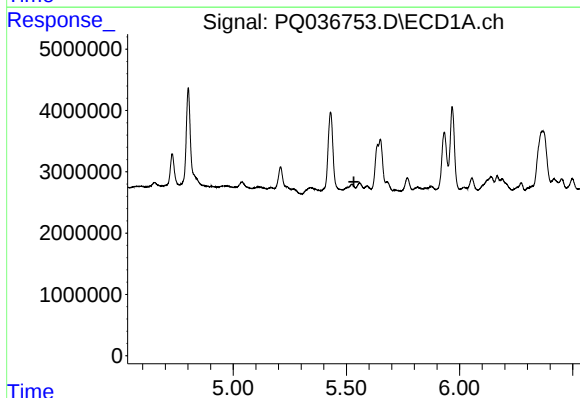
R.T.: 0.000 min
Exp R.T.: 5.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



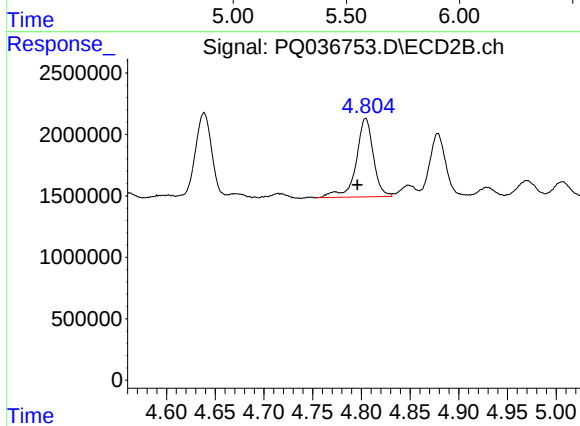
#16 AR-1242-1

R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 7849941
Conc: 125.00 ng/ml



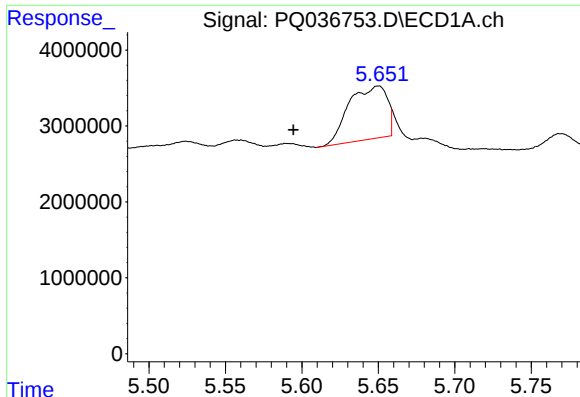
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.



#17 AR-1242-2

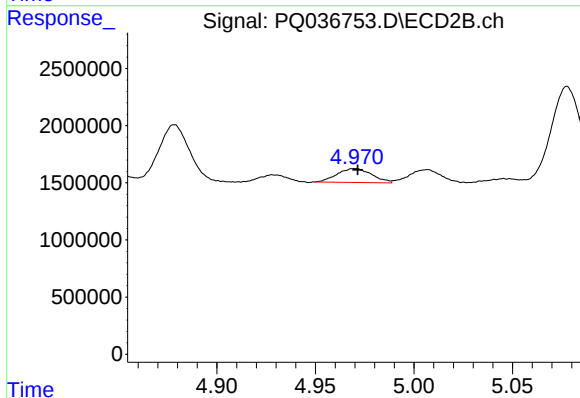
R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 7849941
Conc: 84.11 ng/ml



#18 AR-1242-3

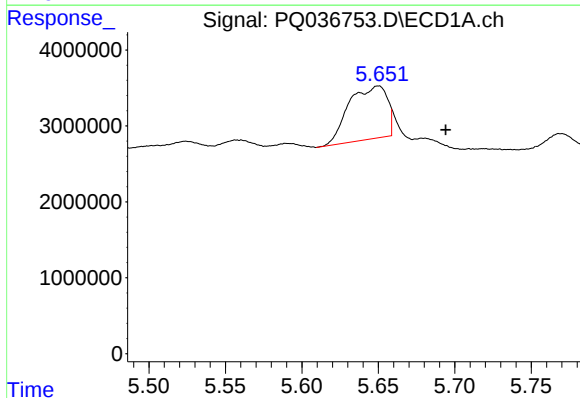
R.T.: 5.650 min
Delta R.T.: 0.056 min
Response: 12132152
Conc: 116.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



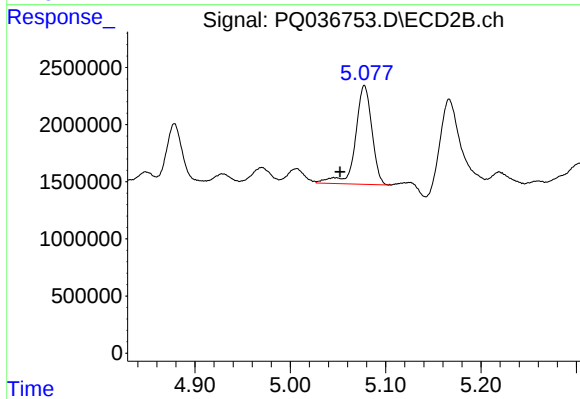
#18 AR-1242-3

R.T.: 4.970 min
Delta R.T.: -0.001 min
Response: 1486274
Conc: 31.76 ng/ml



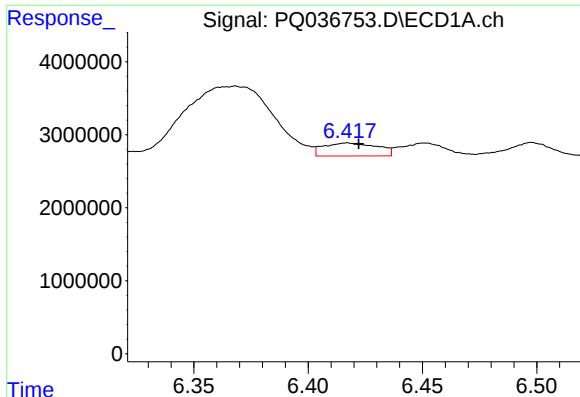
#19 AR-1242-4

R.T.: 5.650 min
Delta R.T.: -0.044 min
Response: 12132152
Conc: 144.24 ng/ml



#19 AR-1242-4

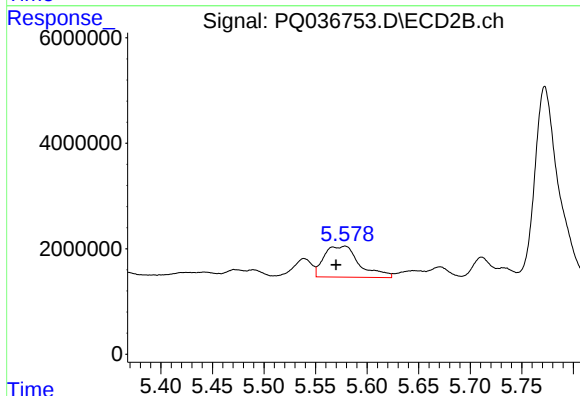
R.T.: 5.078 min
Delta R.T.: 0.026 min
Response: 10364502
Conc: 226.84 ng/ml



#20 AR-1242-5

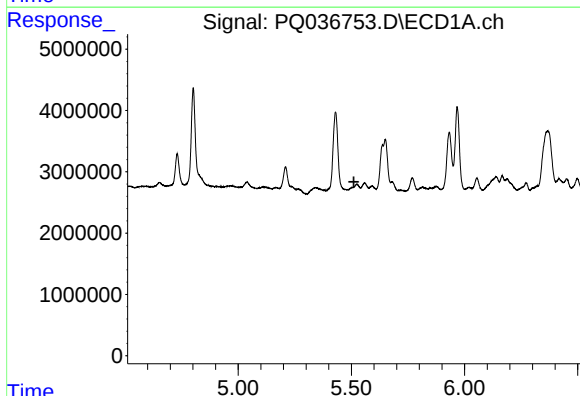
R.T.: 6.417 min
Delta R.T.: -0.005 min
Response: 2922191
Conc: 32.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



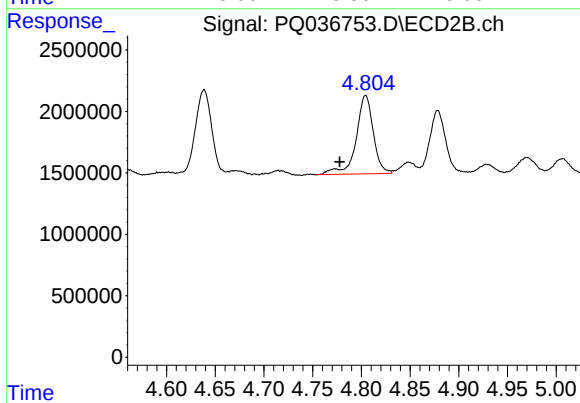
#20 AR-1242-5

R.T.: 5.579 min
Delta R.T.: 0.009 min
Response: 13930708
Conc: 248.86 ng/ml



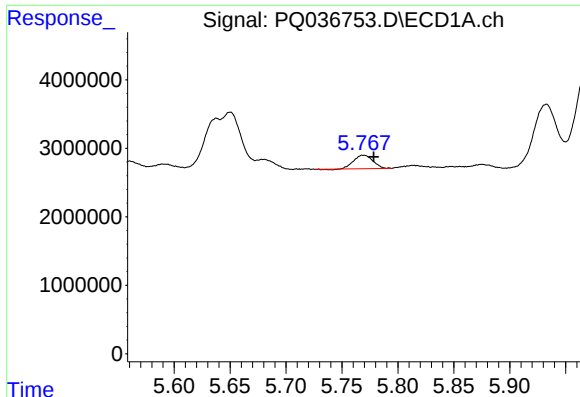
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.511 min
Response: 0
Conc: N.D.



#21 AR-1248-1

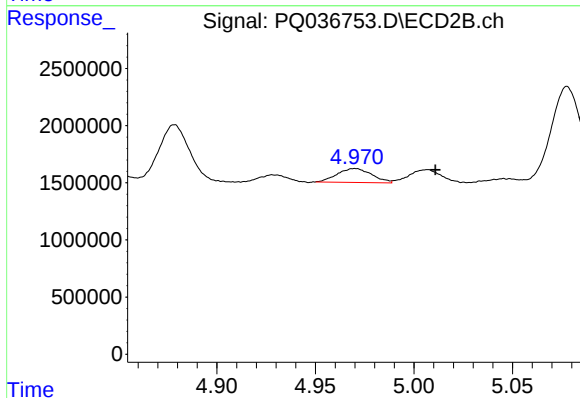
R.T.: 4.804 min
Delta R.T.: 0.027 min
Response: 7849941
Conc: 159.18 ng/ml



#22 AR-1248-2

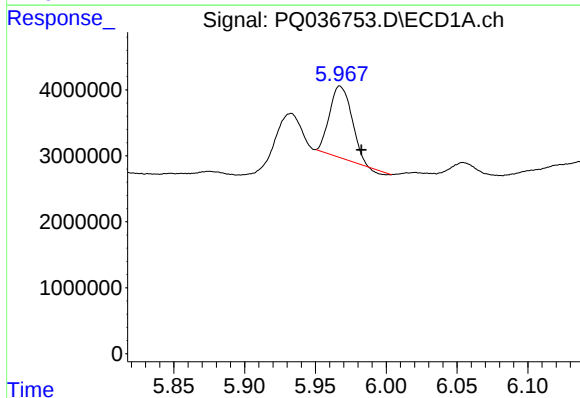
R.T.: 5.769 min
Delta R.T.: -0.009 min
Response: 2366467
Conc: 19.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



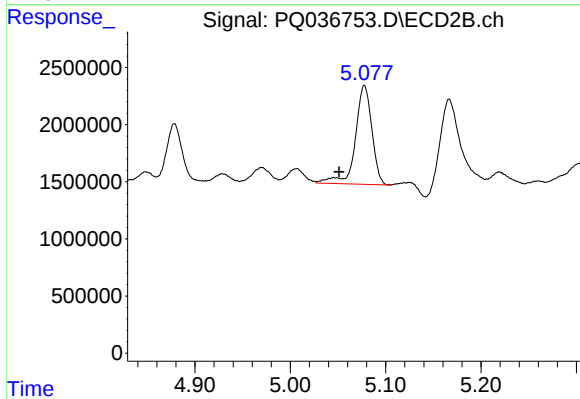
#22 AR-1248-2

R.T.: 4.970 min
Delta R.T.: -0.041 min
Response: 1486274
Conc: 22.91 ng/ml



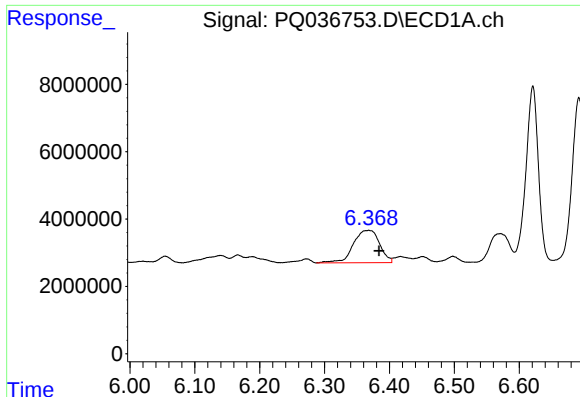
#23 AR-1248-3

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 11728085
Conc: 85.40 ng/ml



#23 AR-1248-3

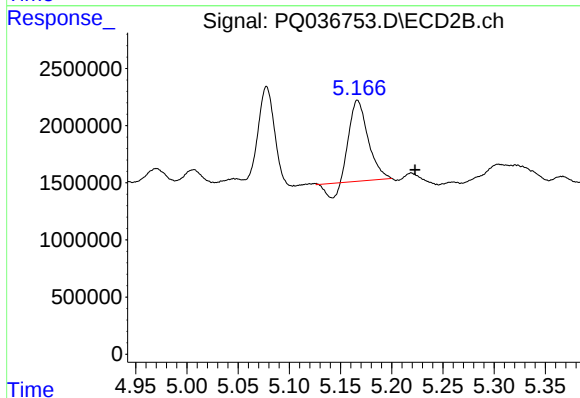
R.T.: 5.078 min
Delta R.T.: 0.027 min
Response: 10364502
Conc: 156.40 ng/ml



#24 AR-1248-4

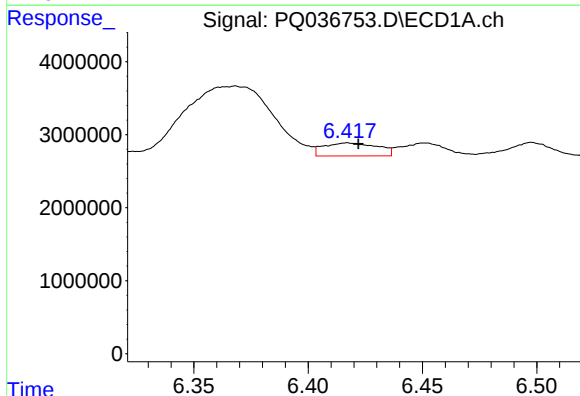
R.T.: 6.368 min
Delta R.T.: -0.016 min
Response: 27019958
Conc: 172.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



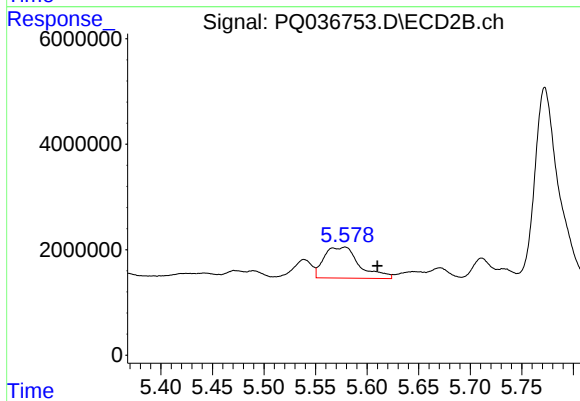
#24 AR-1248-4

R.T.: 5.167 min
Delta R.T.: -0.056 min
Response: 8295948
Conc: 104.45 ng/ml



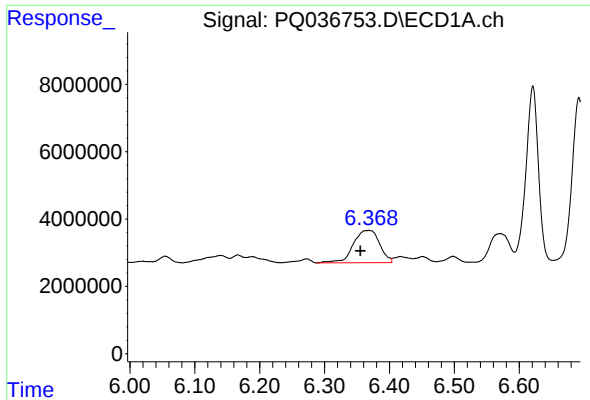
#25 AR-1248-5

R.T.: 6.417 min
Delta R.T.: -0.005 min
Response: 2922191
Conc: 19.69 ng/ml



#25 AR-1248-5

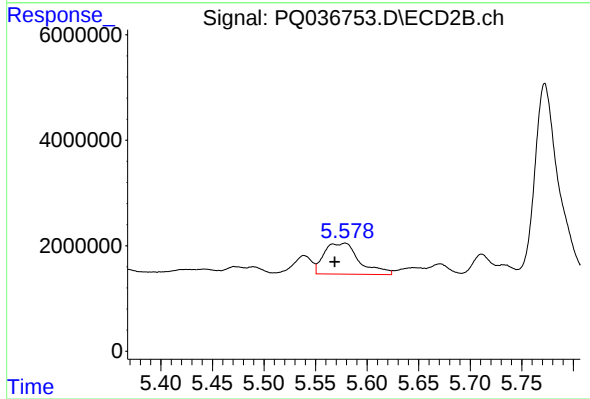
R.T.: 5.579 min
Delta R.T.: -0.031 min
Response: 13930708
Conc: 176.31 ng/ml



#26 AR-1254-1

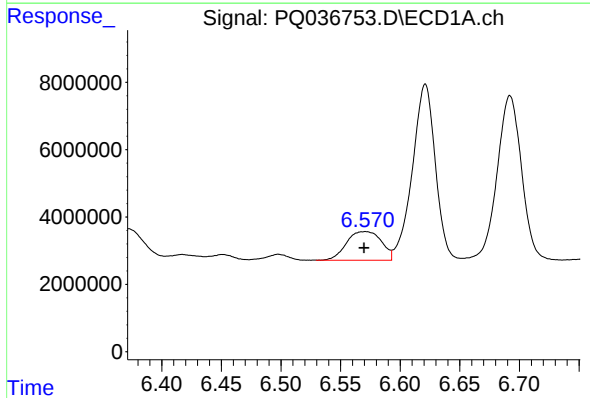
R.T.: 6.368 min
Delta R.T.: 0.013 min
Response: 27019958
Conc: 152.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



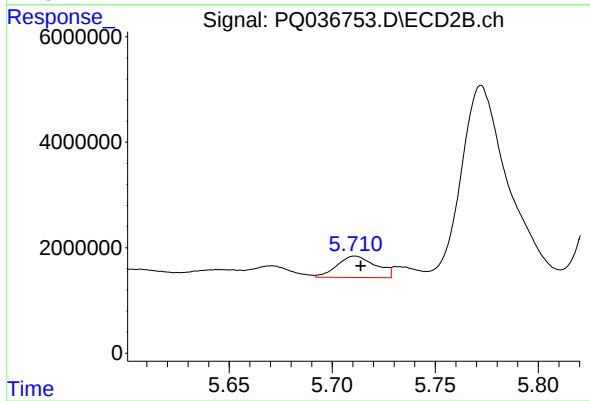
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.010 min
Response: 13930708
Conc: 104.05 ng/ml



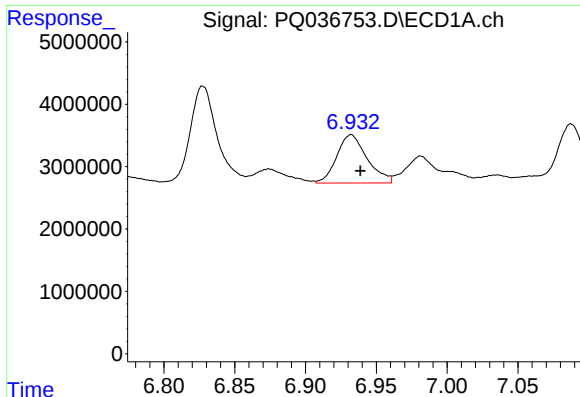
#27 AR-1254-2

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 17329585
Conc: 66.52 ng/ml



#27 AR-1254-2

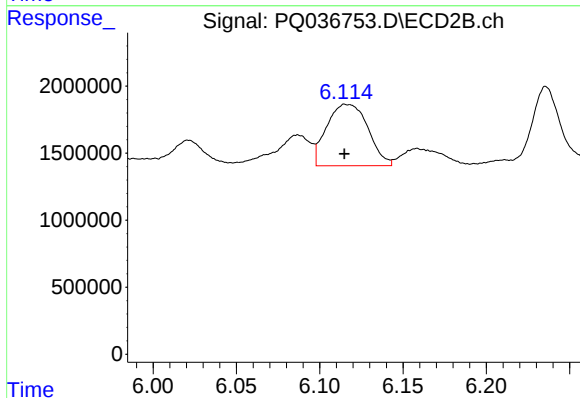
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 5285600
Conc: 47.76 ng/ml



#28 AR-1254-3

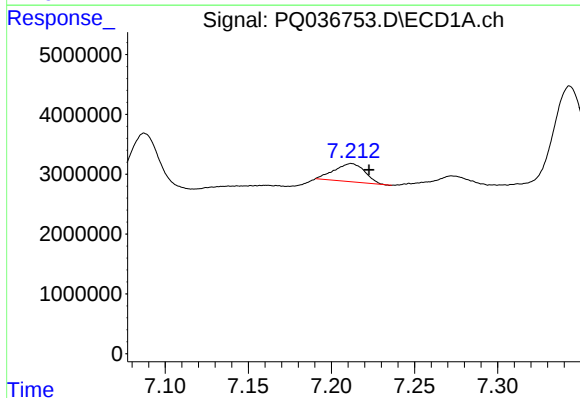
R.T.: 6.932 min
Delta R.T.: -0.006 min
Response: 11542242
Conc: 43.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



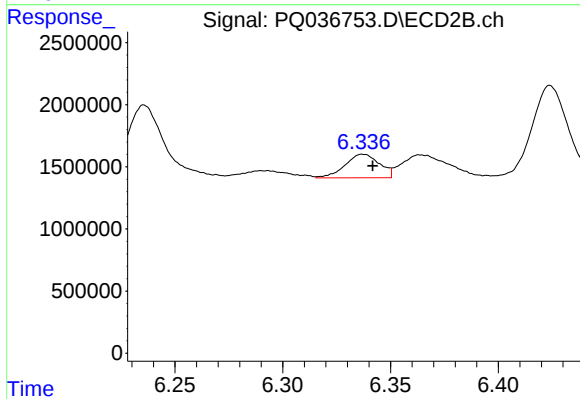
#28 AR-1254-3

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 7877537
Conc: 43.77 ng/ml



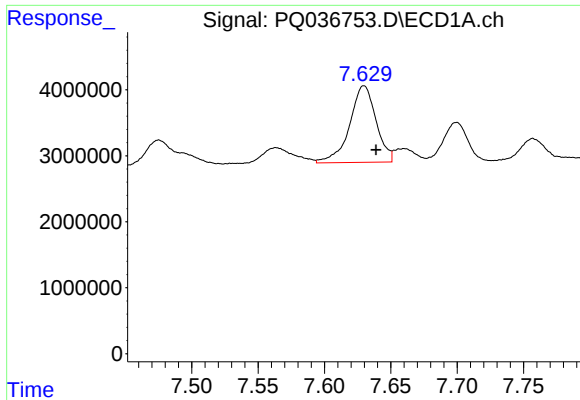
#29 AR-1254-4

R.T.: 7.212 min
Delta R.T.: -0.011 min
Response: 3877095
Conc: 19.54 ng/ml



#29 AR-1254-4

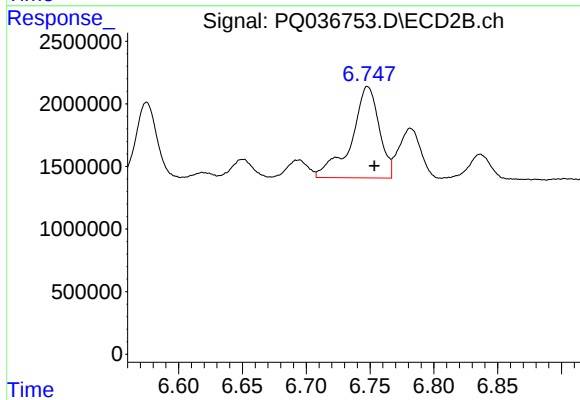
R.T.: 6.337 min
Delta R.T.: -0.004 min
Response: 2101270
Conc: 15.92 ng/ml



#30 AR-1254-5

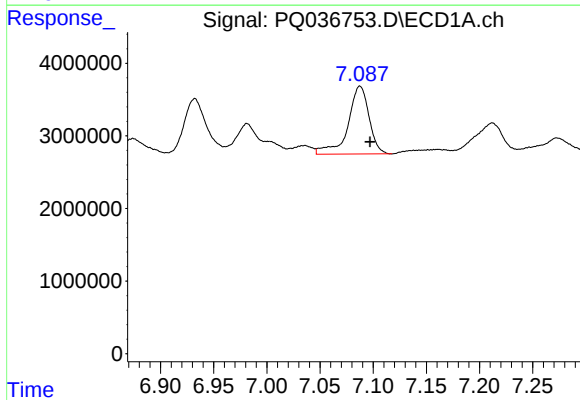
R.T.: 7.630 min
Delta R.T.: -0.009 min
Response: 16084976
Conc: 78.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



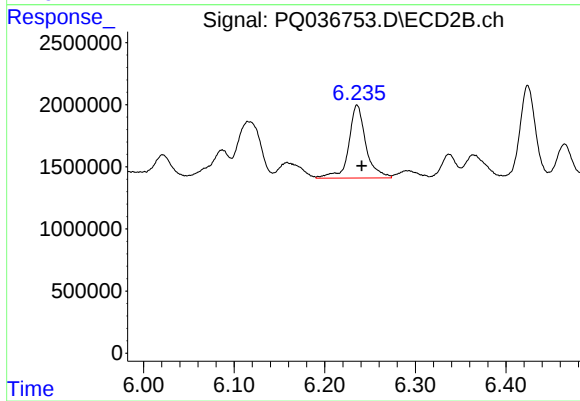
#30 AR-1254-5

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 11043245
Conc: 73.53 ng/ml



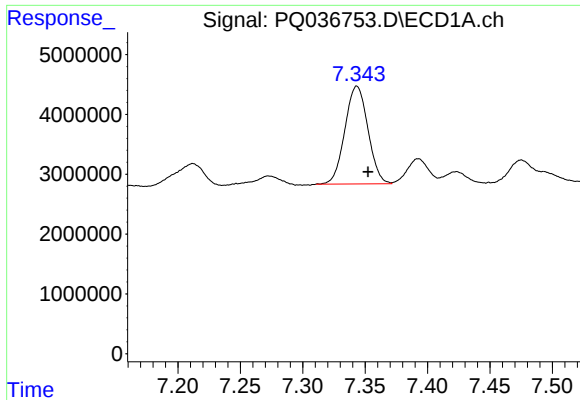
#31 AR-1260-1

R.T.: 7.088 min
Delta R.T.: -0.010 min
Response: 12894234
Conc: 66.21 ng/ml



#31 AR-1260-1

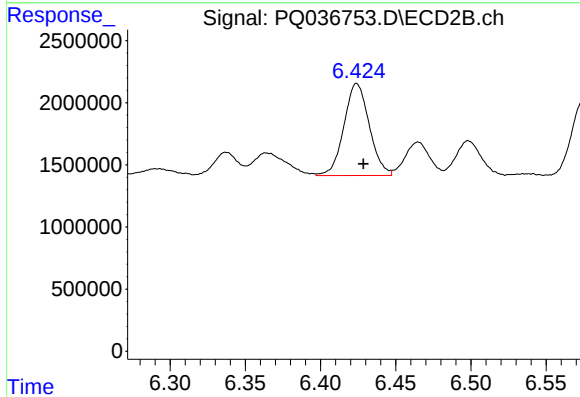
R.T.: 6.236 min
Delta R.T.: -0.005 min
Response: 7719318
Conc: 67.25 ng/ml



#32 AR-1260-2

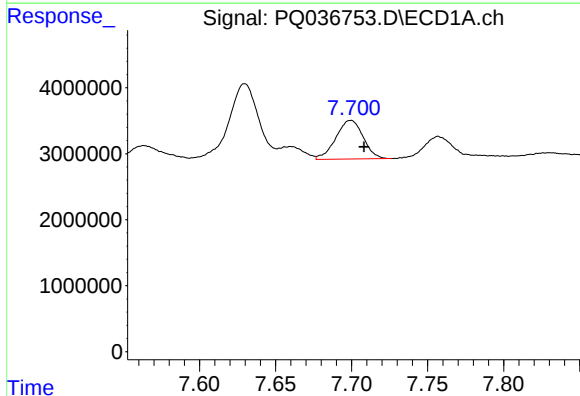
R.T.: 7.343 min
Delta R.T.: -0.009 min
Response: 21001192
Conc: 90.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



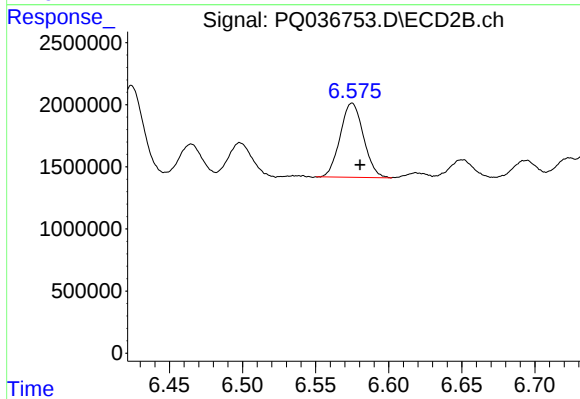
#32 AR-1260-2

R.T.: 6.424 min
Delta R.T.: -0.004 min
Response: 8719012
Conc: 62.02 ng/ml



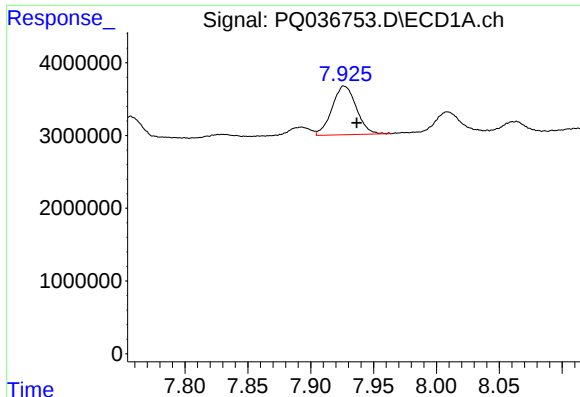
#33 AR-1260-3

R.T.: 7.699 min
Delta R.T.: -0.009 min
Response: 7345884
Conc: 50.94 ng/ml



#33 AR-1260-3

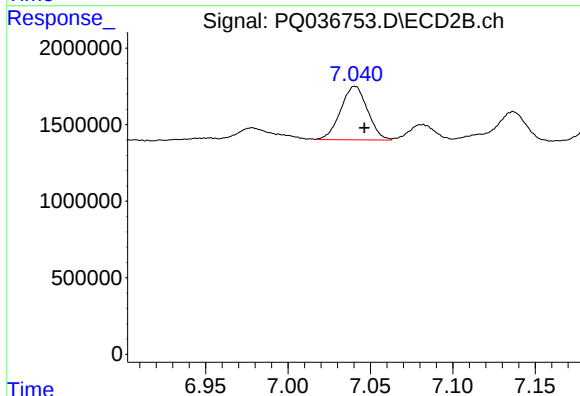
R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 6616304
Conc: 51.62 ng/ml



#34 AR-1260-4

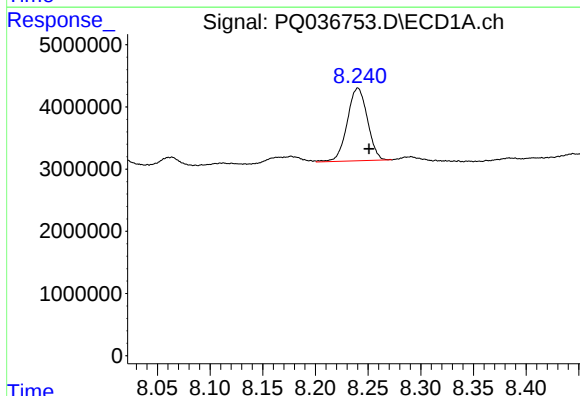
R.T.: 7.927 min
Delta R.T.: -0.010 min
Response: 9041711
Conc: 53.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



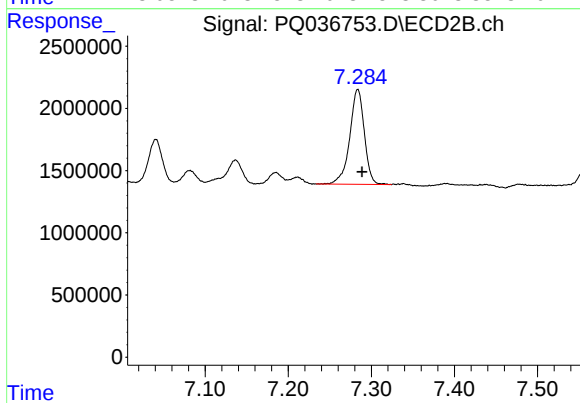
#34 AR-1260-4

R.T.: 7.041 min
Delta R.T.: -0.006 min
Response: 3960273
Conc: 45.48 ng/ml



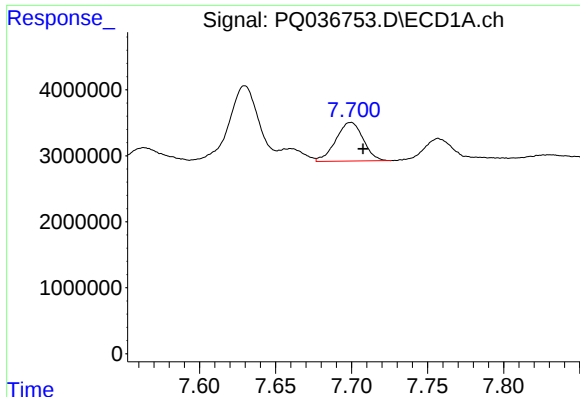
#35 AR-1260-5

R.T.: 8.240 min
Delta R.T.: -0.011 min
Response: 15567649
Conc: 46.29 ng/ml



#35 AR-1260-5

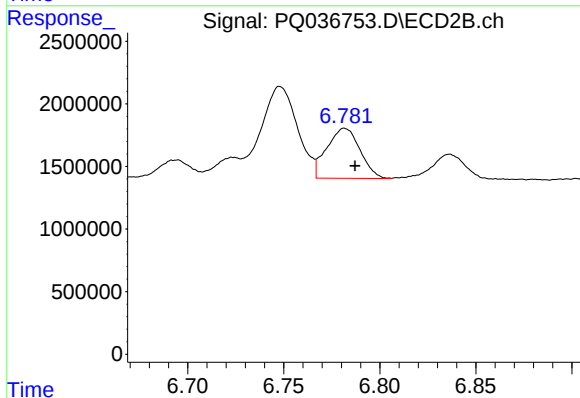
R.T.: 7.284 min
Delta R.T.: -0.005 min
Response: 9335913
Conc: 42.76 ng/ml



#36 AR-1262-1

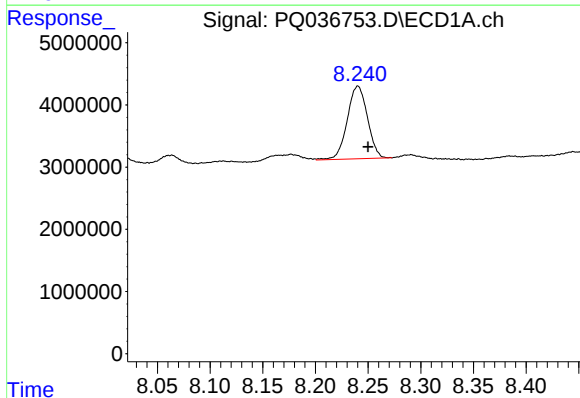
R.T.: 7.699 min
Delta R.T.: -0.008 min
Response: 7345884
Conc: 26.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



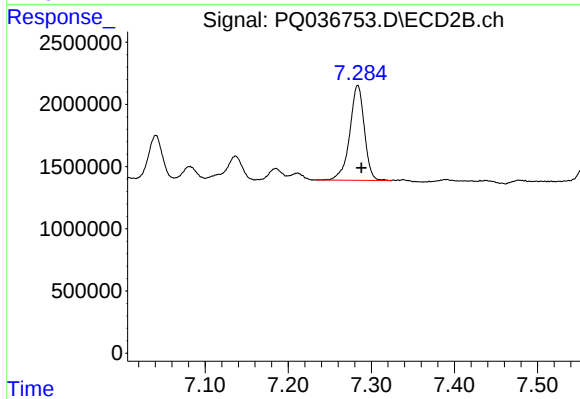
#36 AR-1262-1

R.T.: 6.782 min
Delta R.T.: -0.005 min
Response: 4815893
Conc: 28.70 ng/ml



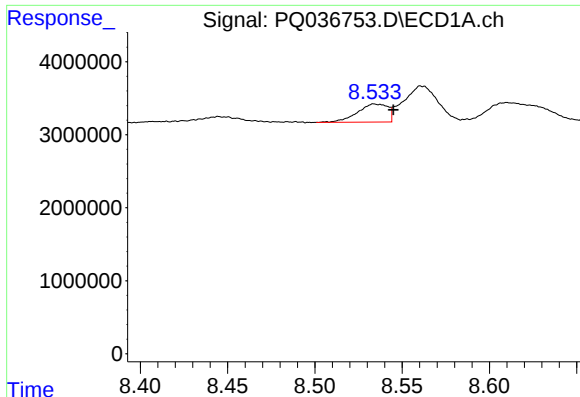
#37 AR-1262-2

R.T.: 8.240 min
Delta R.T.: -0.010 min
Response: 15567649
Conc: 31.75 ng/ml



#37 AR-1262-2

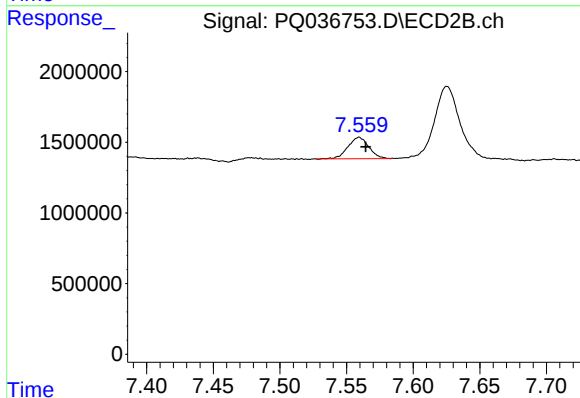
R.T.: 7.284 min
Delta R.T.: -0.004 min
Response: 9335913
Conc: 30.83 ng/ml



#38 AR-1262-3

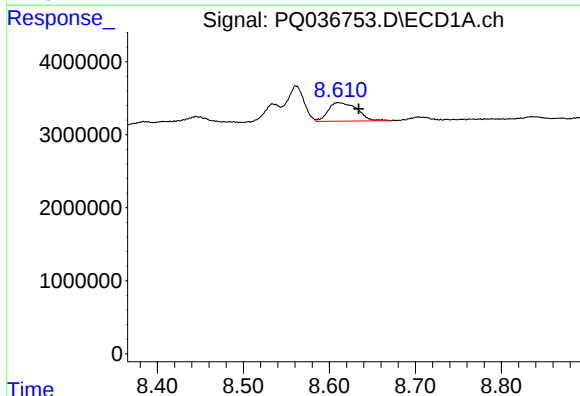
R.T.: 8.534 min
Delta R.T.: -0.011 min
Response: 2993822
Conc: 14.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



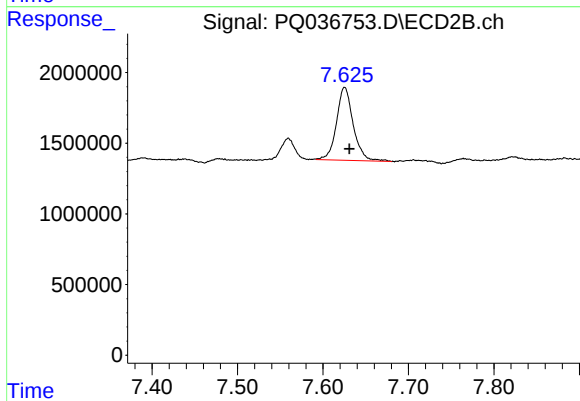
#38 AR-1262-3

R.T.: 7.559 min
Delta R.T.: -0.005 min
Response: 1652020
Conc: 14.71 ng/ml



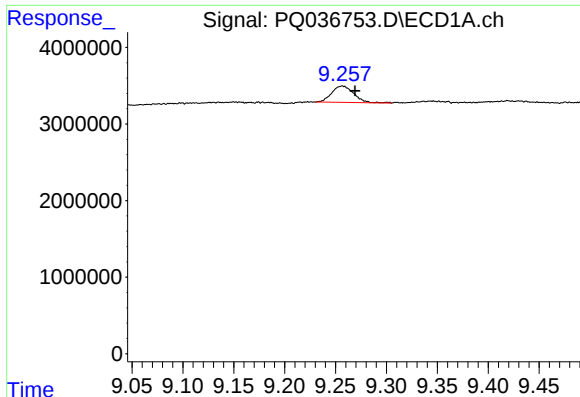
#39 AR-1262-4

R.T.: 8.610 min
Delta R.T.: -0.024 min
Response: 5939637
Conc: 24.49 ng/ml



#39 AR-1262-4

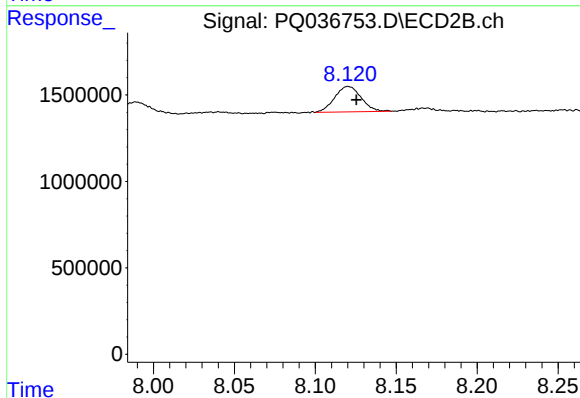
R.T.: 7.625 min
Delta R.T.: -0.006 min
Response: 7026221
Conc: 32.57 ng/ml



#40 AR-1262-5

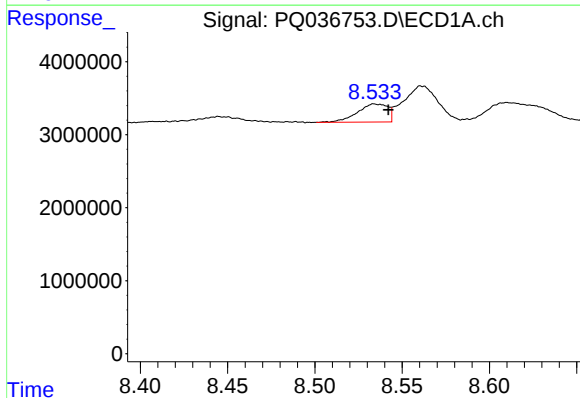
R.T.: 9.257 min
Delta R.T.: -0.012 min
Response: 3220887
Conc: 19.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



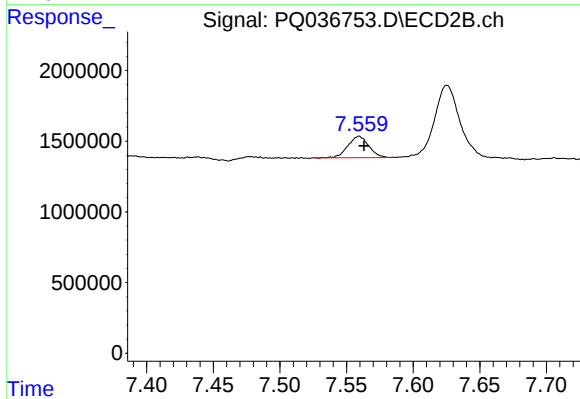
#40 AR-1262-5

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 1678885
Conc: 17.85 ng/ml



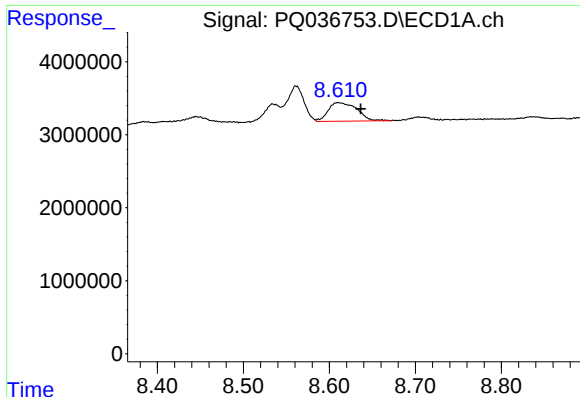
#41 AR-1268-1

R.T.: 8.534 min
Delta R.T.: -0.008 min
Response: 2993822
Conc: 4.75 ng/ml



#41 AR-1268-1

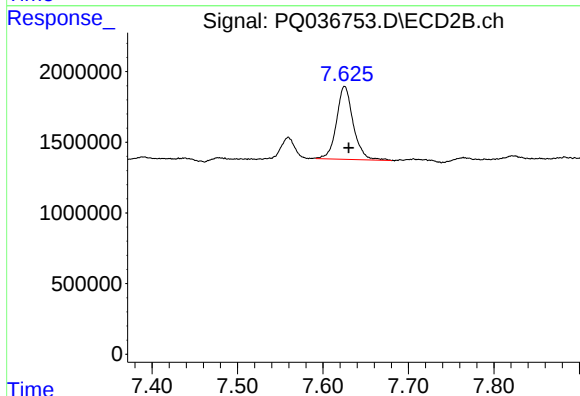
R.T.: 7.559 min
Delta R.T.: -0.004 min
Response: 1652020
Conc: 4.55 ng/ml



#42 AR-1268-2

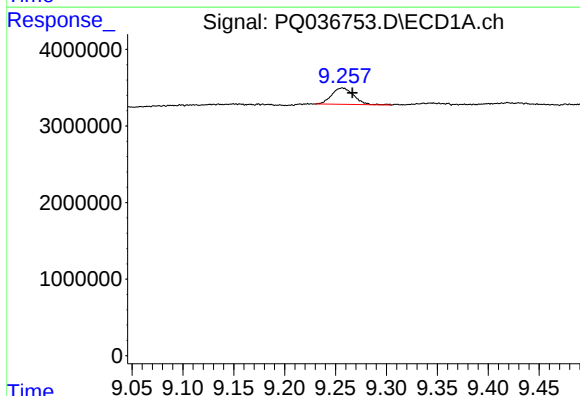
R.T.: 8.610 min
Delta R.T.: -0.026 min
Response: 5939637
Conc: 10.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
TS-QRE



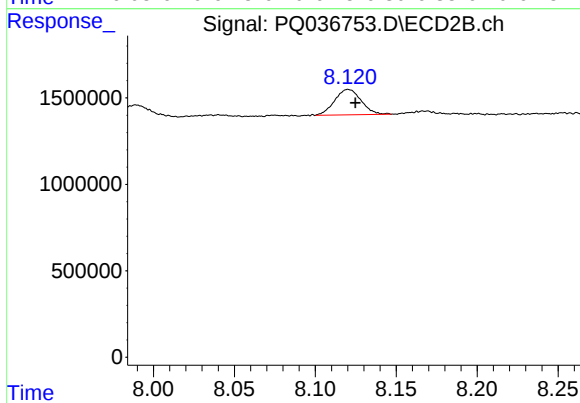
#42 AR-1268-2

R.T.: 7.625 min
Delta R.T.: -0.005 min
Response: 7026221
Conc: 21.21 ng/ml



#44 AR-1268-4

R.T.: 9.257 min
Delta R.T.: -0.010 min
Response: 3220887
Conc: 16.54 ng/ml



#44 AR-1268-4

R.T.: 8.120 min
Delta R.T.: -0.004 min
Response: 1678885
Conc: 15.04 ng/ml