

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050224\
 Data File : PQ066360.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2024 20:06
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12483117

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 23:11:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 23 04:31:28 2024
 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...	3.441	2.734	100.6E6	151.6E6	22.127	23.091
2)	SA Decachlor...	8.646	7.496	59136313	151.1E6	45.355	46.802
Target Compounds							
3)	L1 AR-1016-1	4.551	3.731	36924805	61291058	260.250	255.969
4)	L1 AR-1016-2	4.570	3.746	47231755	62633697	216.220	179.408
5)	L1 AR-1016-3	4.628	3.907	24510587	44386628	174.388	235.852 #
6)	L1 AR-1016-4	4.720	3.955	26839150	94385668	233.046	596.609 #
7)	L1 AR-1016-5	5.009	4.150	63140963	111.9E6	584.495	570.240
8)	L2 AR-1221-1	0.000	2.877f	0	746551	N.D.	9.494 #
9)	L2 AR-1221-2	3.721	3.001	1897276	2681235	55.173	47.520
10)	L2 AR-1221-3	3.793	3.078	3271015	5470141	28.098	29.790
11)	L3 AR-1232-1	3.793	3.078	3271015	5470141	33.095	35.324
12)	L3 AR-1232-2	4.291	3.746	17864929	62633697	339.843	391.856
13)	L3 AR-1232-3	4.570	3.907	47231755	44386628	483.217	530.009
14)	L3 AR-1232-4	4.720	3.991	26839150	91307835	527.376	1264.717 #
15)	L3 AR-1232-5	4.818	4.150	53544257	111.9E6	1533.637	1355.975
16)	L4 AR-1242-1	4.551	3.731	36924805	61291058	327.374	317.610
17)	L4 AR-1242-2	4.570	3.746	47231755	62633697	273.381	225.738
18)	L4 AR-1242-3	4.628	3.907	24510587	44386628	215.115	294.496 #
19)	L4 AR-1242-4	4.720	3.991	26839150	91307835	287.111	640.225 #
20)	L4 AR-1242-5	5.440	4.486	68637260	156.1E6	765.565	824.827
21)	L5 AR-1248-1	4.551	3.731	36924805	61291058	436.973	423.903
22)	L5 AR-1248-2	4.818	3.955	53544257	94385668	446.511	430.133
23)	L5 AR-1248-3	5.009	3.991	63140963	91307835	447.206	432.542
24)	L5 AR-1248-4	5.405	4.150	66180074	111.9E6	445.377	430.544
25)	L5 AR-1248-5	5.440	4.523	68637260	110.9E6	455.475	429.487
26)	L6 AR-1254-1	5.376	4.486	53743401	156.1E6	348.467	398.368
27)	L6 AR-1254-2	5.592	4.632	67010249	46798160	284.173	136.363 #
28)	L6 AR-1254-3	5.950	5.013	36496089	74044946	152.221	136.654
29)	L6 AR-1254-4	6.235	5.240	24476473	51389341	142.830	147.031
30)	L6 AR-1254-5	6.649	5.645	5363774	15382003	29.047	30.950
31)	L7 AR-1260-1	6.116	5.146	3771089	36760602	19.936	93.584 #
32)	L7 AR-1260-2	6.375	5.332	2698533	6993936	12.169	14.580
33)	L7 AR-1260-3	6.681f	5.468	481302	8629266	2.971	19.286 #
34)	L7 AR-1260-4	6.926	5.937	2655370	1021968	14.408	2.781 #
35)	L7 AR-1260-5	7.258	6.181	895963	1627139	2.627	1.932 #
36)	L8 AR-1262-1	6.681f	5.706	481302	1560302	2.120	2.946 #
37)	L8 AR-1262-2	7.258	6.181	895963	1627139	2.410	1.732 #
38)	L8 AR-1262-3	0.000	6.516f	0	2522396	N.D.	6.561 #
39)	L8 AR-1262-4	0.000	6.516	0	2522396	N.D.	3.561 #
41)	L9 AR-1268-1	0.000	6.516f	0	2522396	N.D.	2.308 #
42)	L9 AR-1268-2	0.000	6.516	0	2522396	N.D.	2.530 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050224\
Data File : PQ066360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2024 20:06
Operator : YP\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

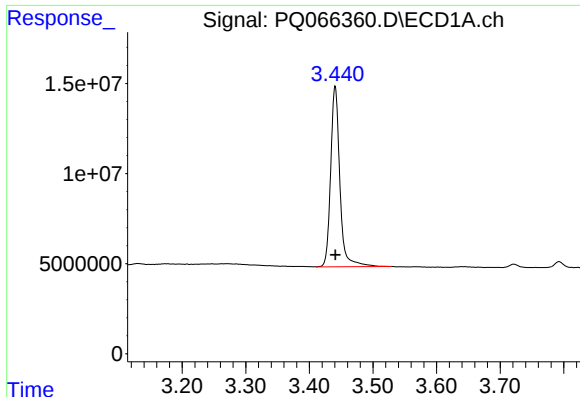
Instrument :
ECD_Q
ClientSampleId :
AR12483117

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:11:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 23 04:31:28 2024
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
45) L9	AR-1268-5	0.000	7.281	0	621005	N.D.	0.243 #

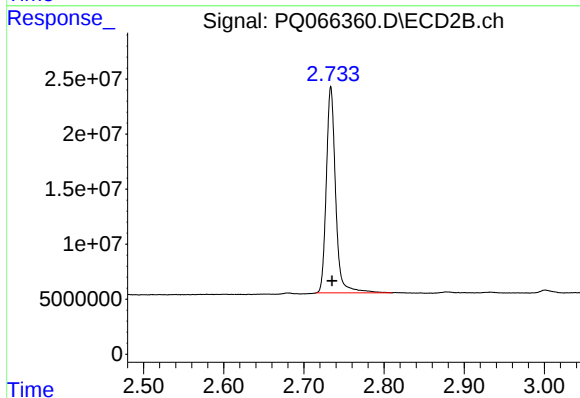
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

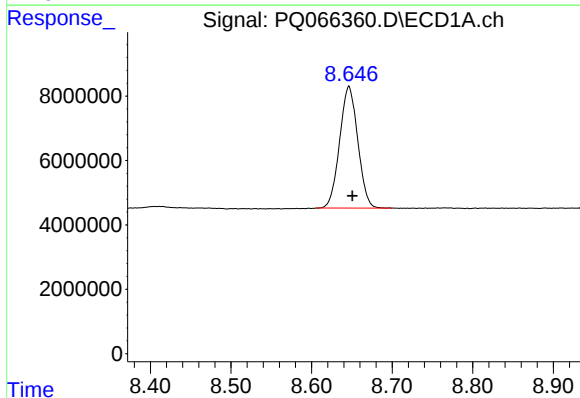
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 100642155
Conc: 22.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



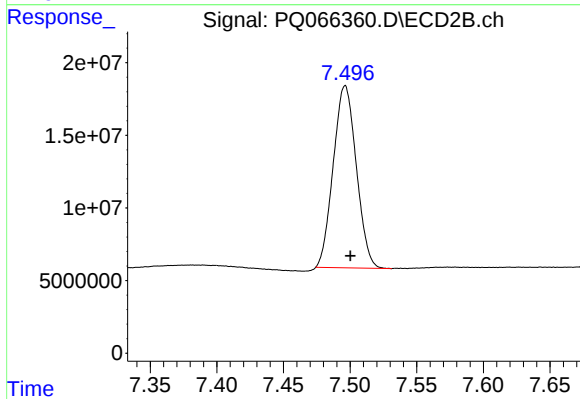
#1 Tetrachloro-m-xylene

R.T.: 2.734 min
Delta R.T.: -0.001 min
Response: 151594958
Conc: 23.09 ng/ml



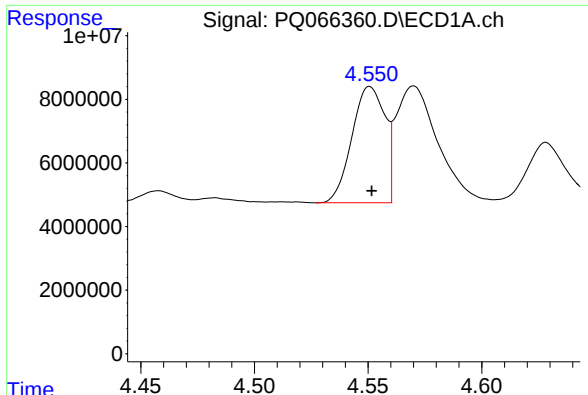
#2 Decachlorobiphenyl

R.T.: 8.646 min
Delta R.T.: -0.004 min
Response: 59136313
Conc: 45.35 ng/ml



#2 Decachlorobiphenyl

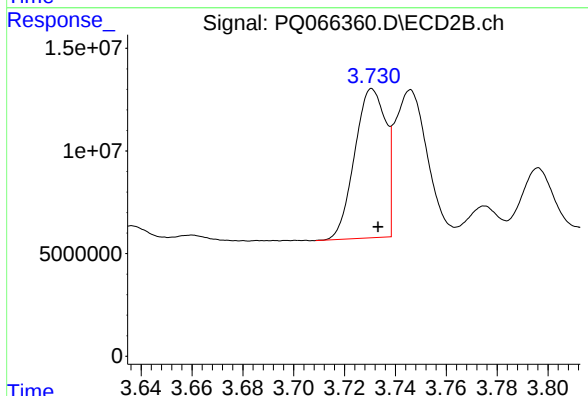
R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 151129548
Conc: 46.80 ng/ml



#3 AR-1016-1

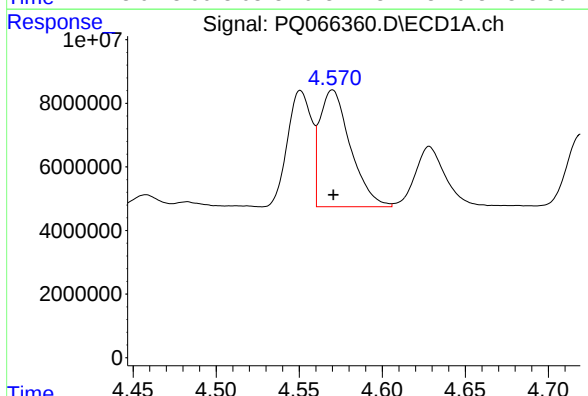
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 36924805
Conc: 260.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



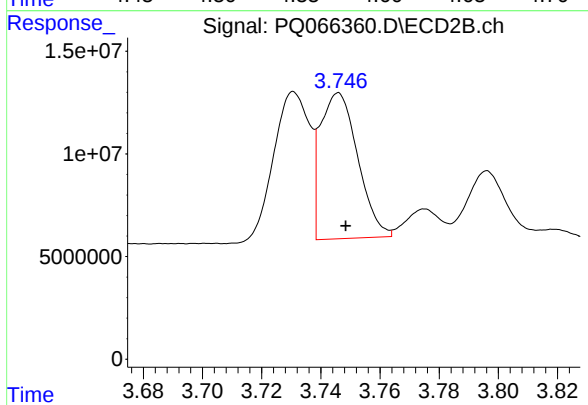
#3 AR-1016-1

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 61291058
Conc: 255.97 ng/ml



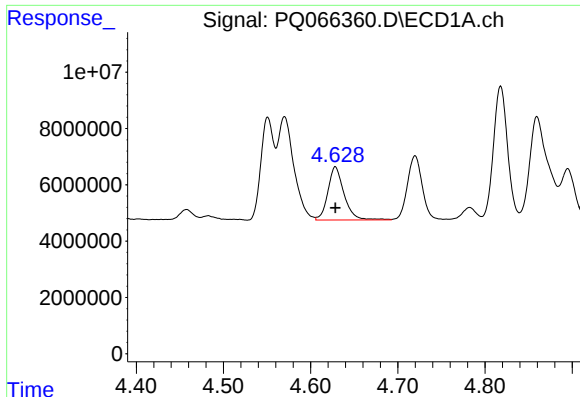
#4 AR-1016-2

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 47231755
Conc: 216.22 ng/ml



#4 AR-1016-2

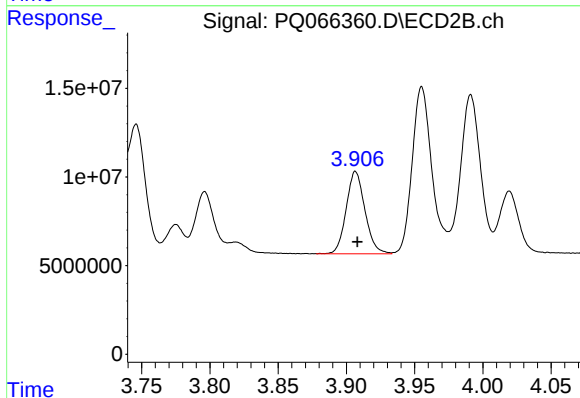
R.T.: 3.746 min
Delta R.T.: -0.002 min
Response: 62633697
Conc: 179.41 ng/ml



#5 AR-1016-3

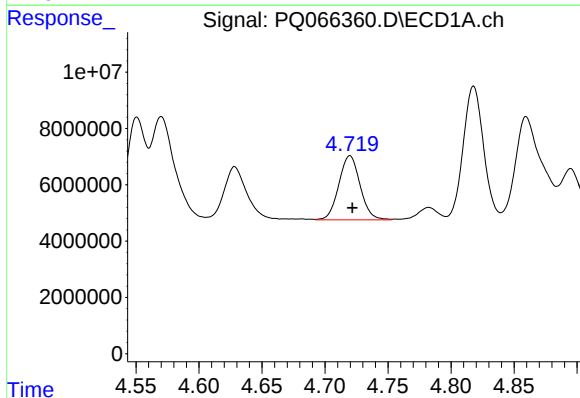
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 24510587
Conc: 174.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



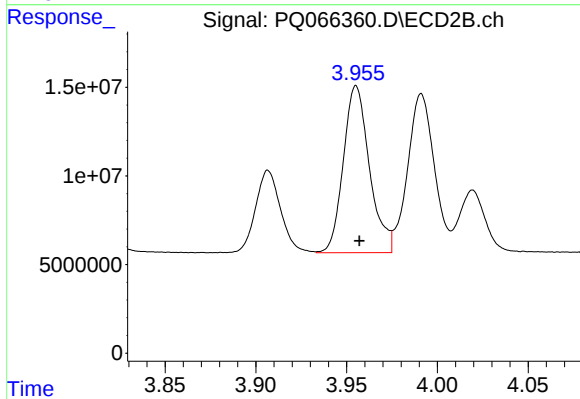
#5 AR-1016-3

R.T.: 3.907 min
Delta R.T.: -0.001 min
Response: 44386628
Conc: 235.85 ng/ml



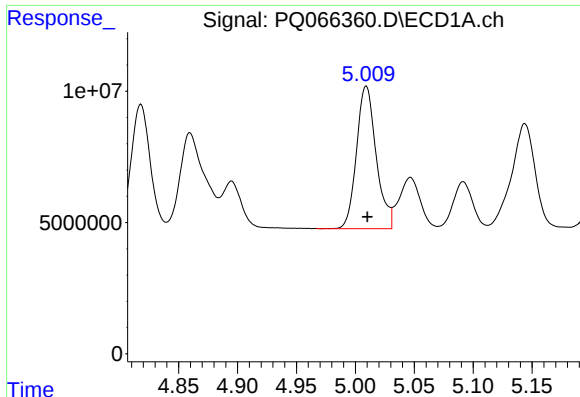
#6 AR-1016-4

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 26839150
Conc: 233.05 ng/ml



#6 AR-1016-4

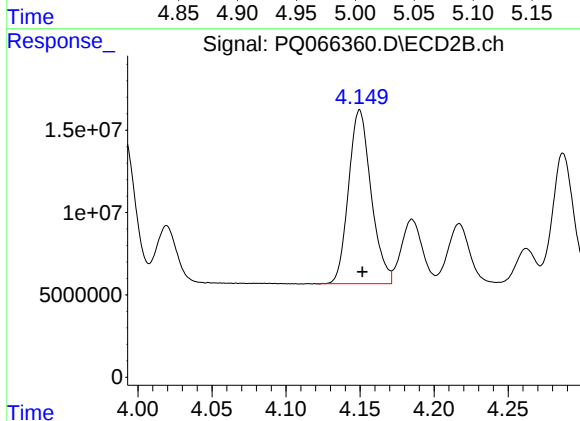
R.T.: 3.955 min
Delta R.T.: -0.002 min
Response: 94385668
Conc: 596.61 ng/ml



#7 AR-1016-5

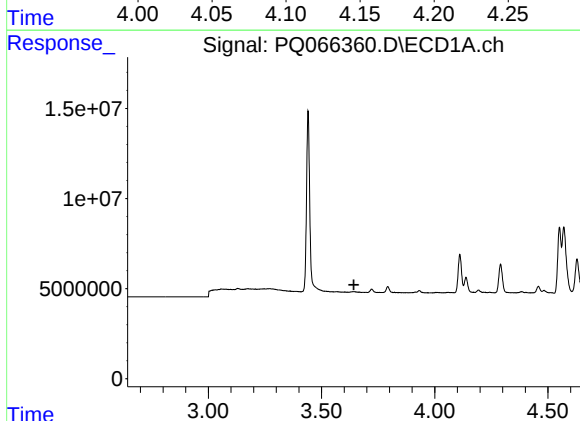
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 63140963
Conc: 584.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



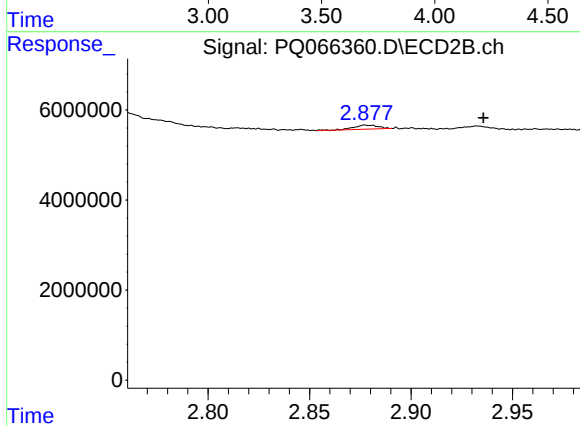
#7 AR-1016-5

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 111914166
Conc: 570.24 ng/ml



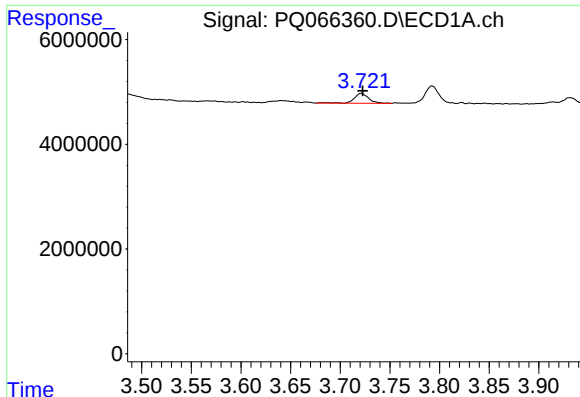
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.643 min
Response: 0
Conc: N.D.



#8 AR-1221-1

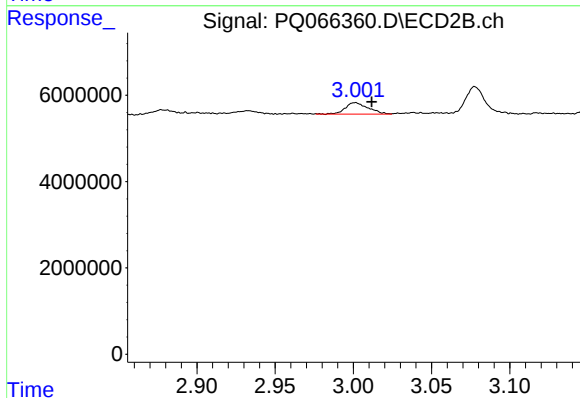
R.T.: 2.877 min
Delta R.T.: -0.058 min
Response: 746551
Conc: 9.49 ng/ml



#9 AR-1221-2

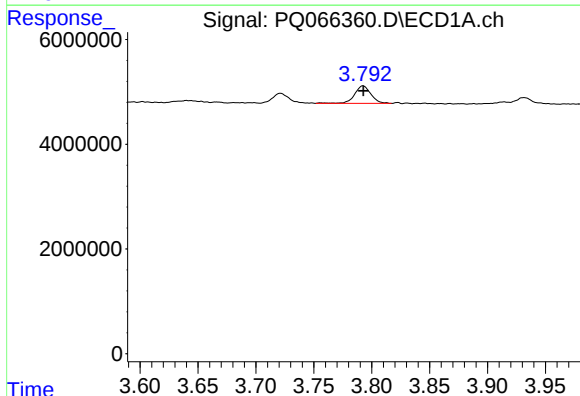
R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 1897276
Conc: 55.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



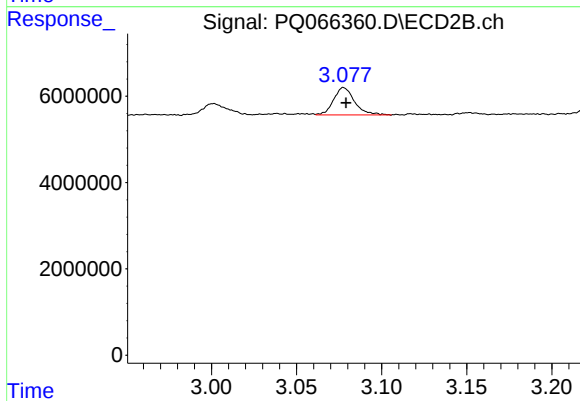
#9 AR-1221-2

R.T.: 3.001 min
Delta R.T.: -0.010 min
Response: 2681235
Conc: 47.52 ng/ml



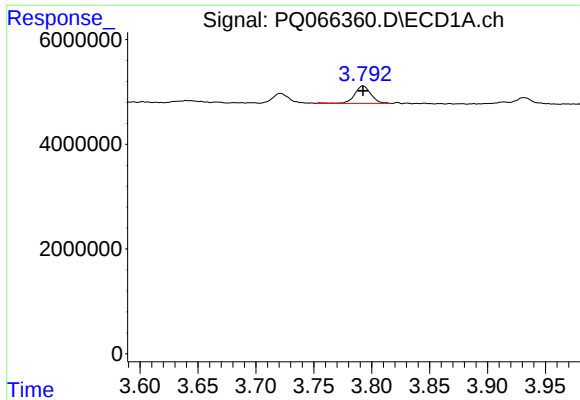
#10 AR-1221-3

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 3271015
Conc: 28.10 ng/ml



#10 AR-1221-3

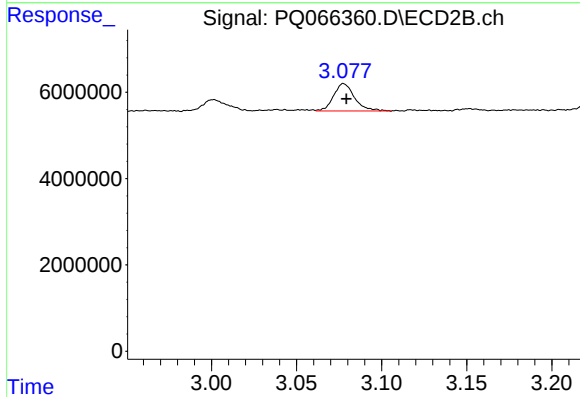
R.T.: 3.078 min
Delta R.T.: -0.001 min
Response: 5470141
Conc: 29.79 ng/ml



#11 AR-1232-1

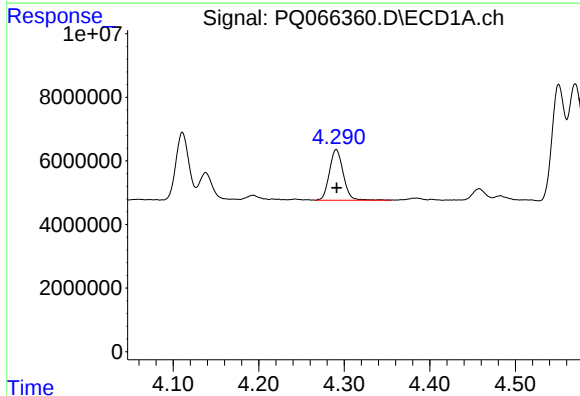
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 3271015
Conc: 33.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



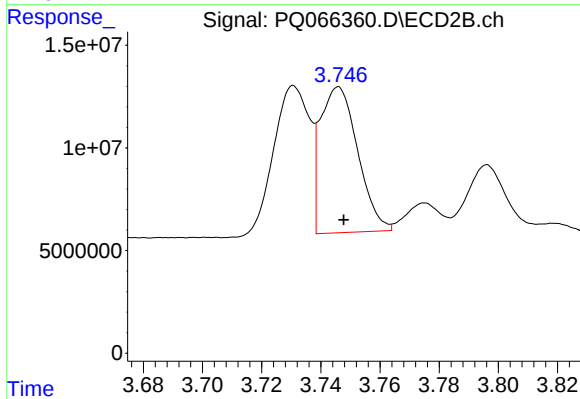
#11 AR-1232-1

R.T.: 3.078 min
Delta R.T.: -0.002 min
Response: 5470141
Conc: 35.32 ng/ml



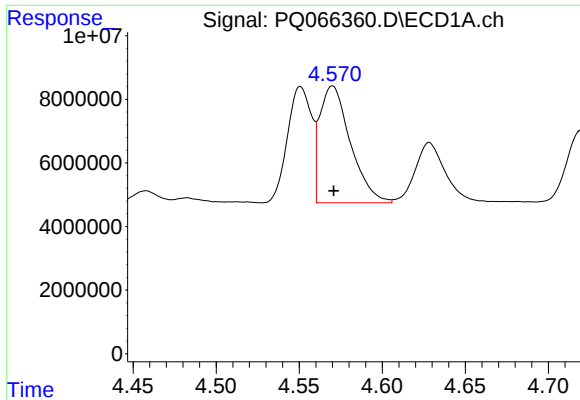
#12 AR-1232-2

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 17864929
Conc: 339.84 ng/ml



#12 AR-1232-2

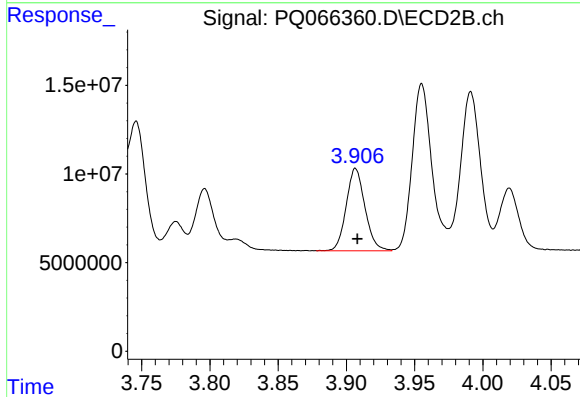
R.T.: 3.746 min
Delta R.T.: -0.002 min
Response: 62633697
Conc: 391.86 ng/ml



#13 AR-1232-3

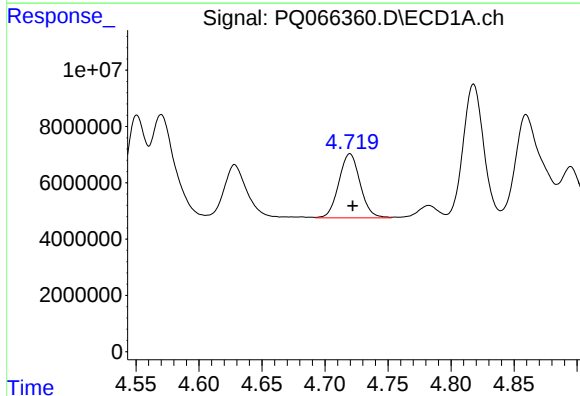
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 47231755
Conc: 483.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



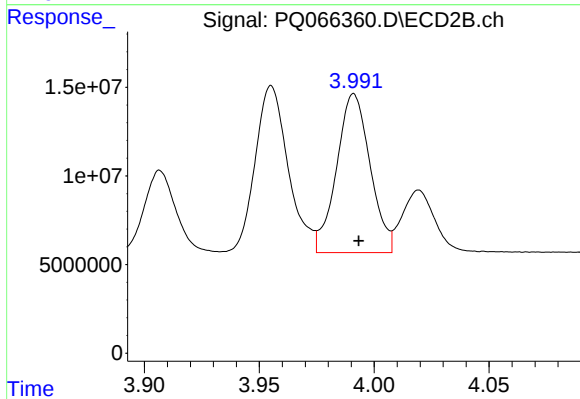
#13 AR-1232-3

R.T.: 3.907 min
Delta R.T.: -0.001 min
Response: 44386628
Conc: 530.01 ng/ml



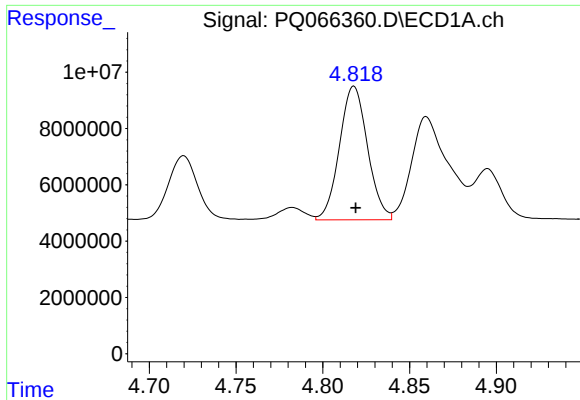
#14 AR-1232-4

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 26839150
Conc: 527.38 ng/ml



#14 AR-1232-4

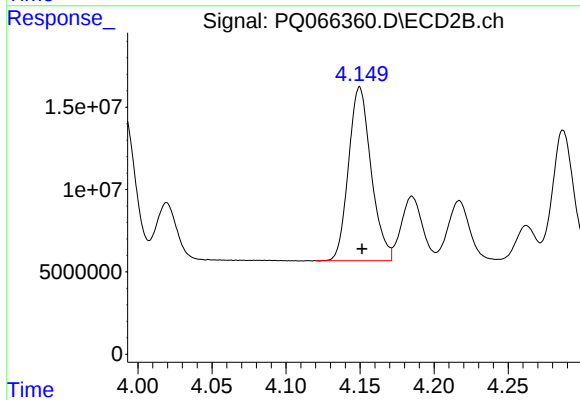
R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 91307835
Conc: 1264.72 ng/ml



#15 AR-1232-5

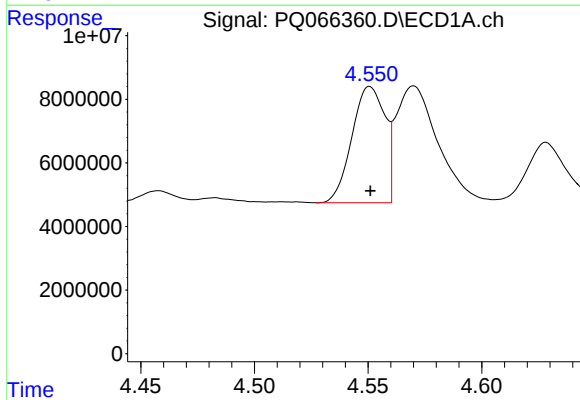
R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 53544257
Conc: 1533.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



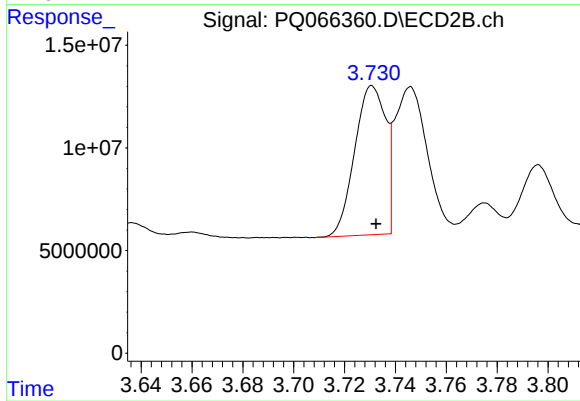
#15 AR-1232-5

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 111914166
Conc: 1355.98 ng/ml



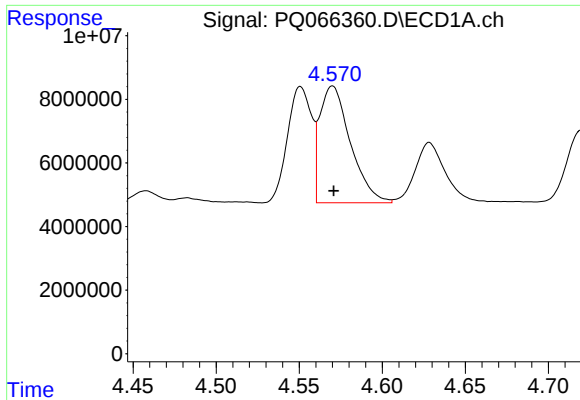
#16 AR-1242-1

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 36924805
Conc: 327.37 ng/ml



#16 AR-1242-1

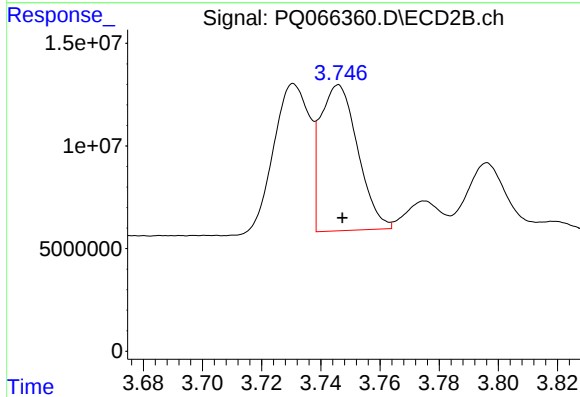
R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 61291058
Conc: 317.61 ng/ml



#17 AR-1242-2

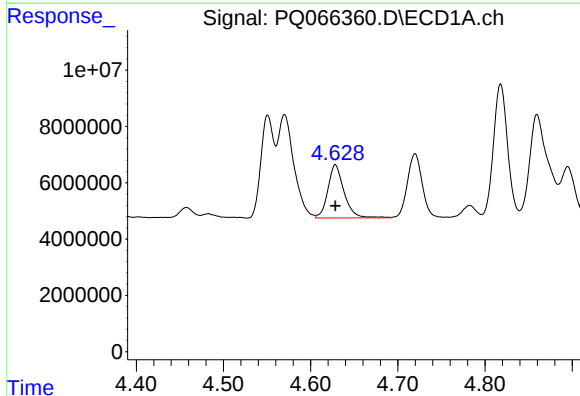
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 47231755
Conc: 273.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



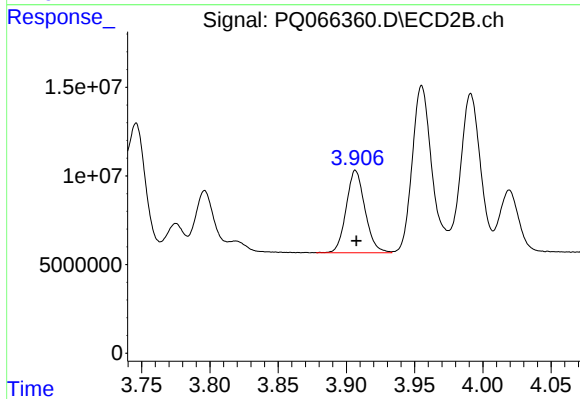
#17 AR-1242-2

R.T.: 3.746 min
Delta R.T.: -0.001 min
Response: 62633697
Conc: 225.74 ng/ml



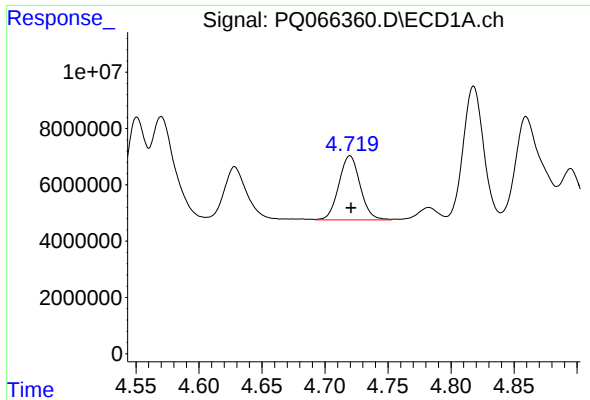
#18 AR-1242-3

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 24510587
Conc: 215.12 ng/ml



#18 AR-1242-3

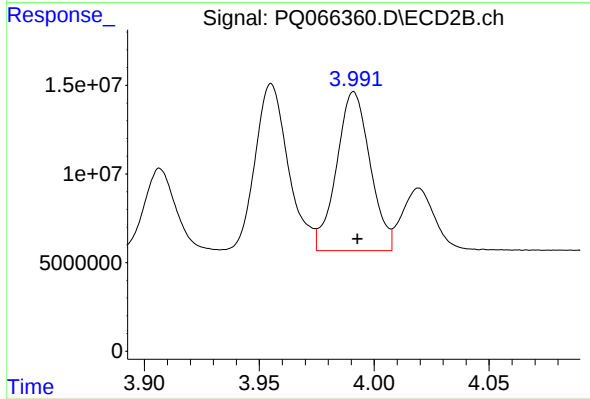
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 44386628
Conc: 294.50 ng/ml



#19 AR-1242-4

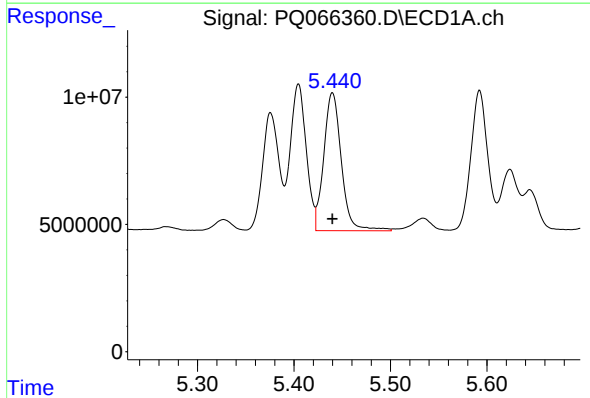
R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 26839150
Conc: 287.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



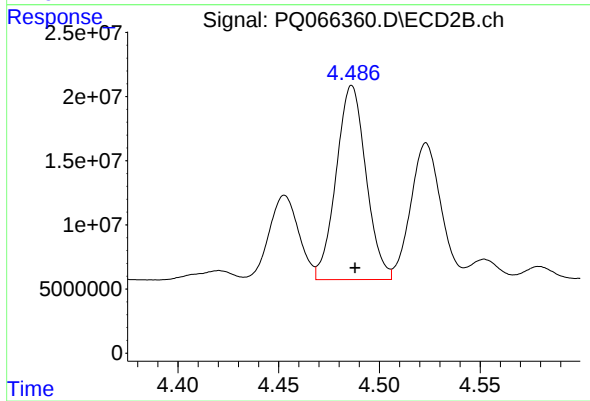
#19 AR-1242-4

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 91307835
Conc: 640.23 ng/ml



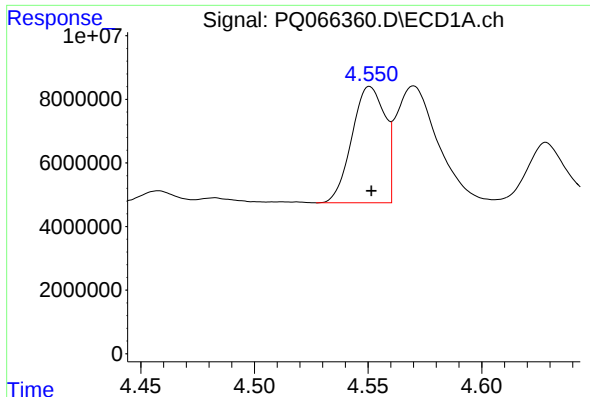
#20 AR-1242-5

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 68637260
Conc: 765.56 ng/ml



#20 AR-1242-5

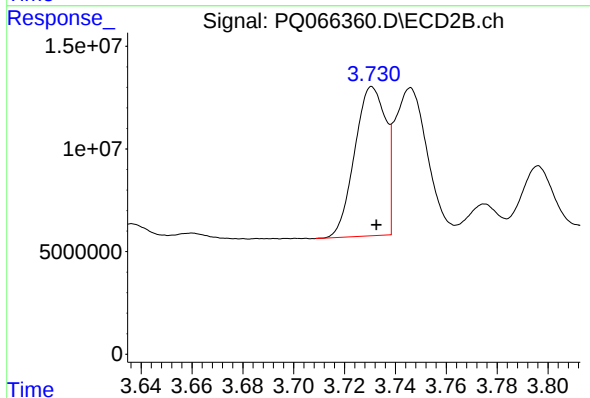
R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 156065814
Conc: 824.83 ng/ml



#21 AR-1248-1

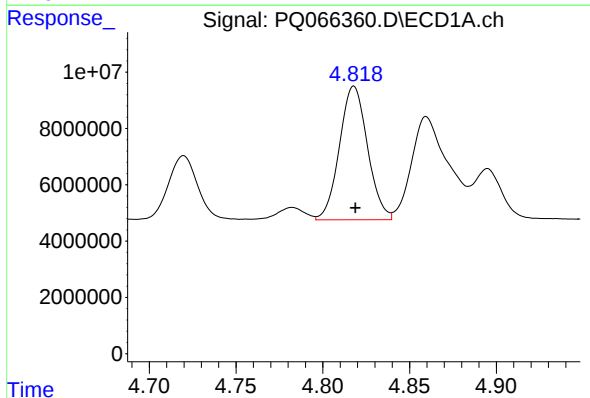
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 36924805
Conc: 436.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



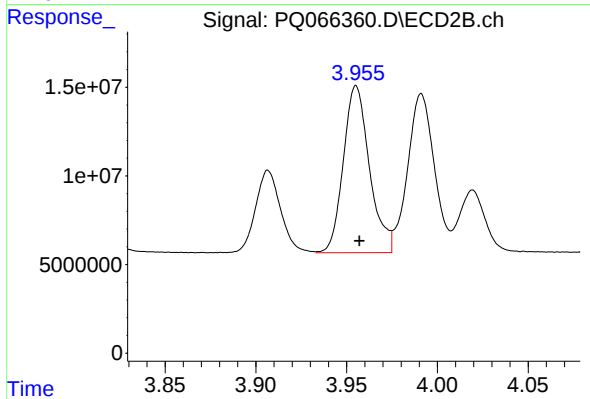
#21 AR-1248-1

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 61291058
Conc: 423.90 ng/ml



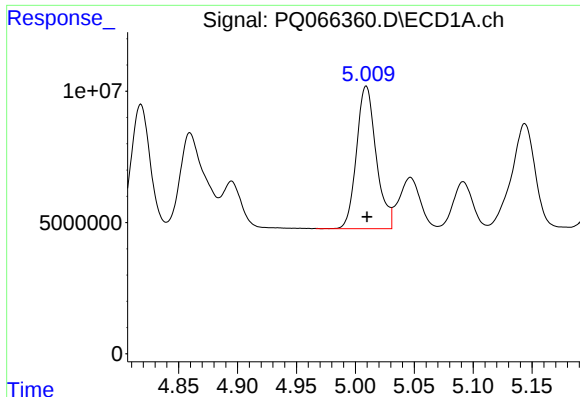
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 53544257
Conc: 446.51 ng/ml



#22 AR-1248-2

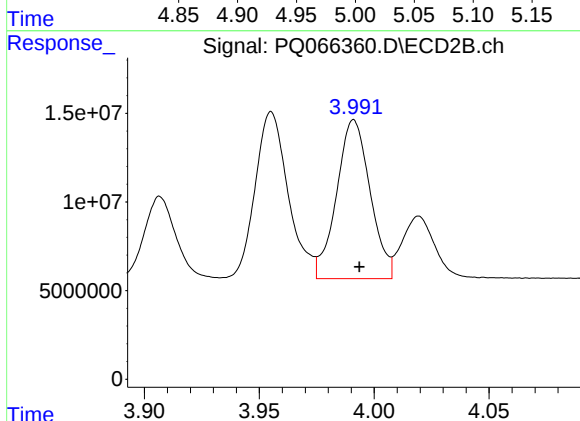
R.T.: 3.955 min
Delta R.T.: -0.002 min
Response: 94385668
Conc: 430.13 ng/ml



#23 AR-1248-3

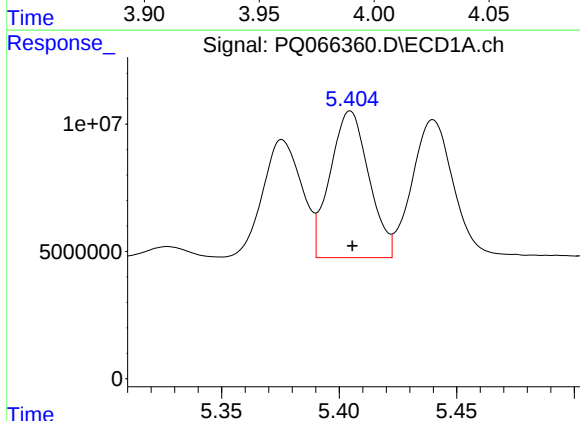
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 63140963
Conc: 447.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



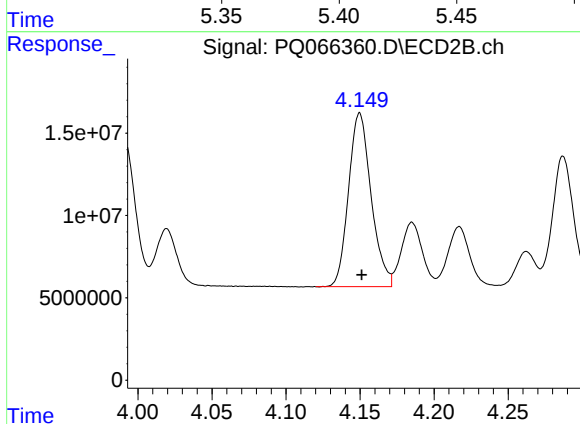
#23 AR-1248-3

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 91307835
Conc: 432.54 ng/ml



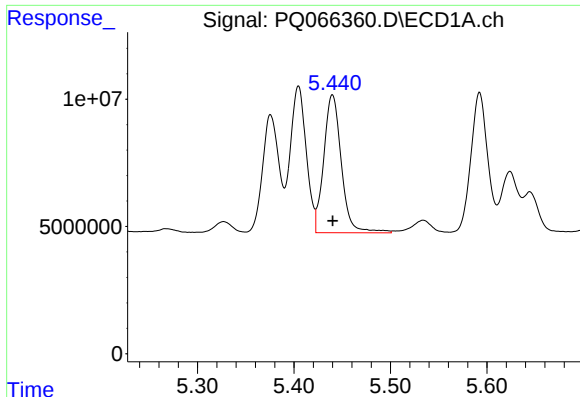
#24 AR-1248-4

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 66180074
Conc: 445.38 ng/ml



#24 AR-1248-4

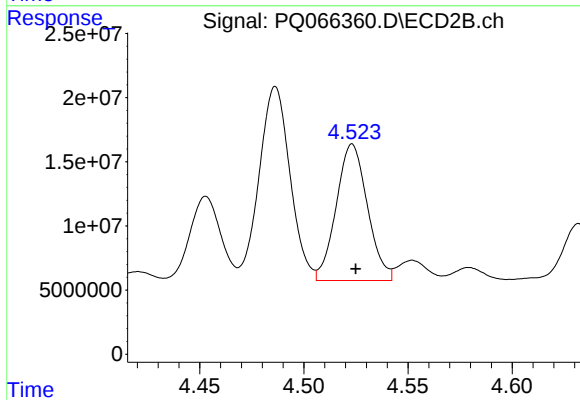
R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 111914166
Conc: 430.54 ng/ml



#25 AR-1248-5

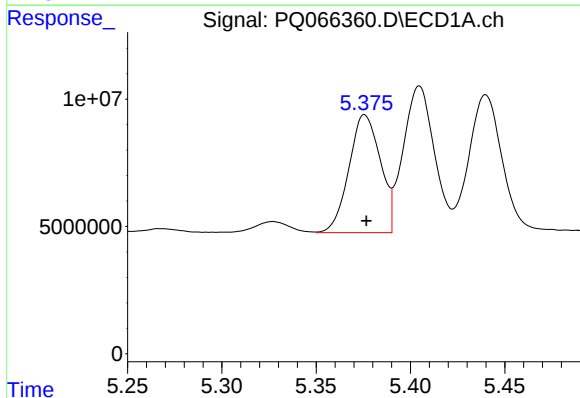
R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 68637260
Conc: 455.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



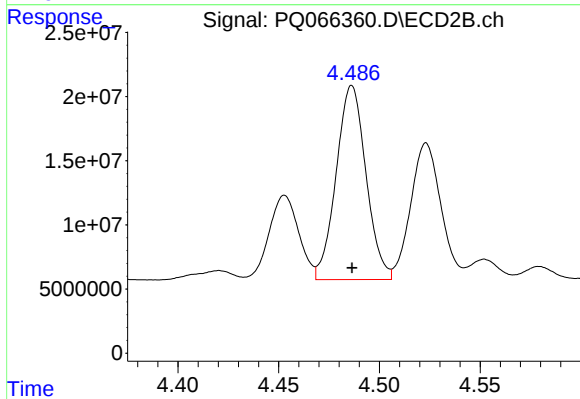
#25 AR-1248-5

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 110904818
Conc: 429.49 ng/ml



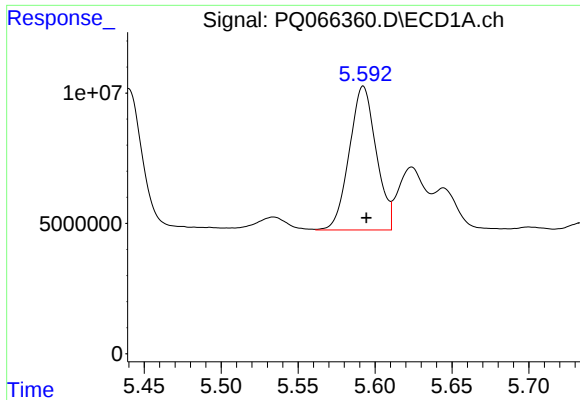
#26 AR-1254-1

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 53743401
Conc: 348.47 ng/ml



#26 AR-1254-1

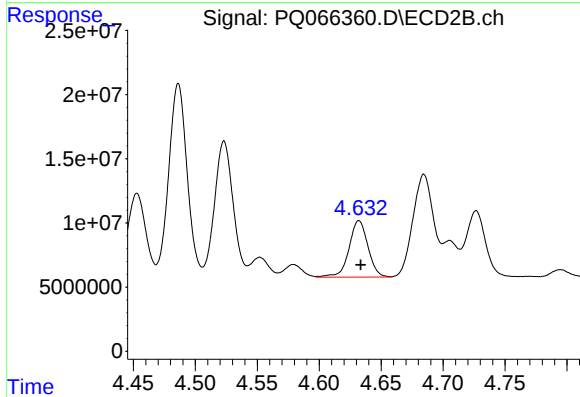
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 156065814
Conc: 398.37 ng/ml



#27 AR-1254-2

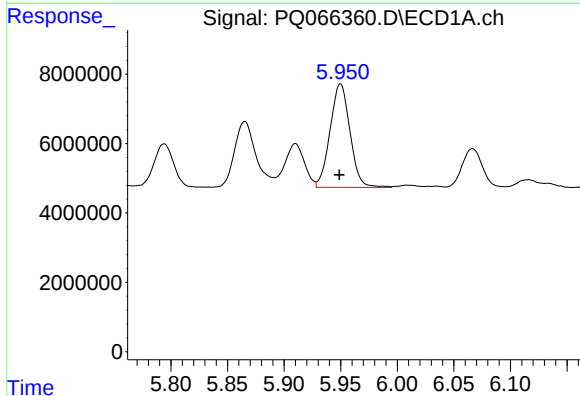
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 67010249
Conc: 284.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



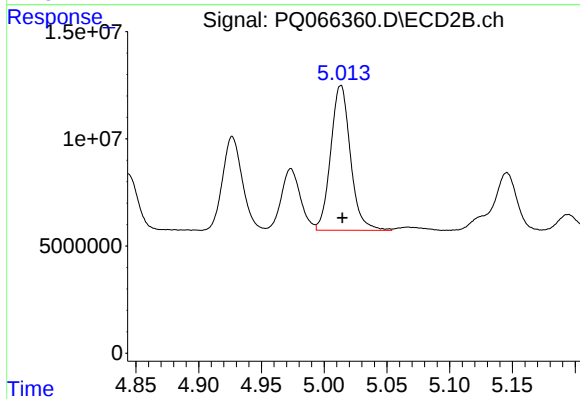
#27 AR-1254-2

R.T.: 4.632 min
Delta R.T.: -0.001 min
Response: 46798160
Conc: 136.36 ng/ml



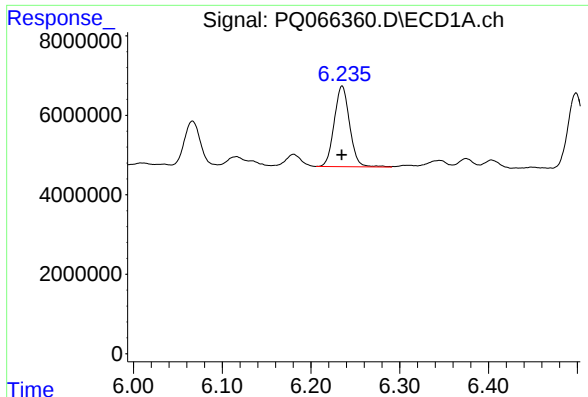
#28 AR-1254-3

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 36496089
Conc: 152.22 ng/ml



#28 AR-1254-3

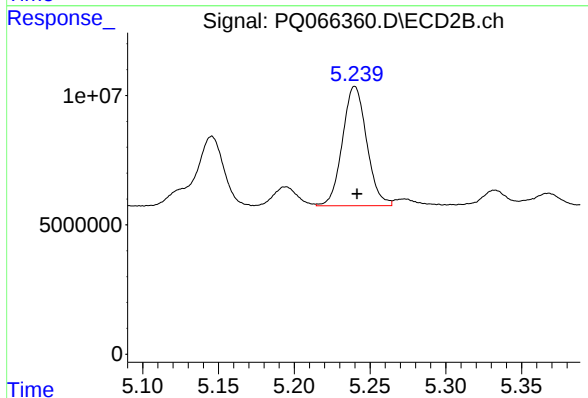
R.T.: 5.013 min
Delta R.T.: -0.001 min
Response: 74044946
Conc: 136.65 ng/ml



#29 AR-1254-4

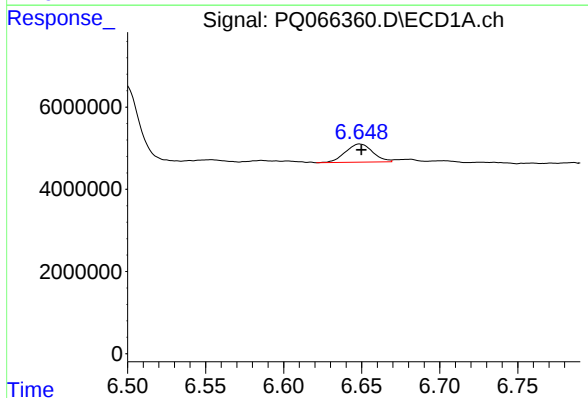
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 24476473
Conc: 142.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



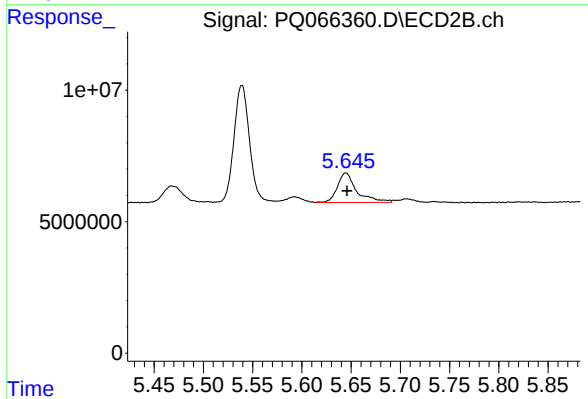
#29 AR-1254-4

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 51389341
Conc: 147.03 ng/ml



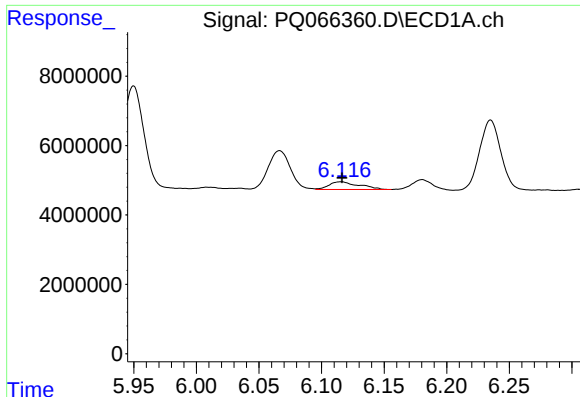
#30 AR-1254-5

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 5363774
Conc: 29.05 ng/ml



#30 AR-1254-5

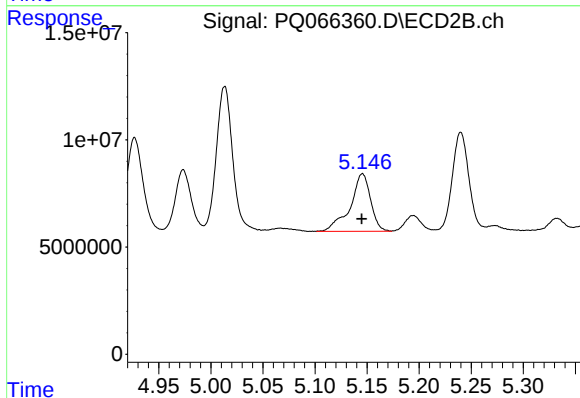
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 15382003
Conc: 30.95 ng/ml



#31 AR-1260-1

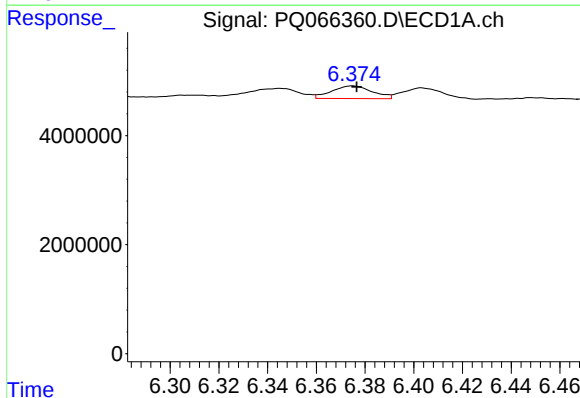
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 3771089
Conc: 19.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



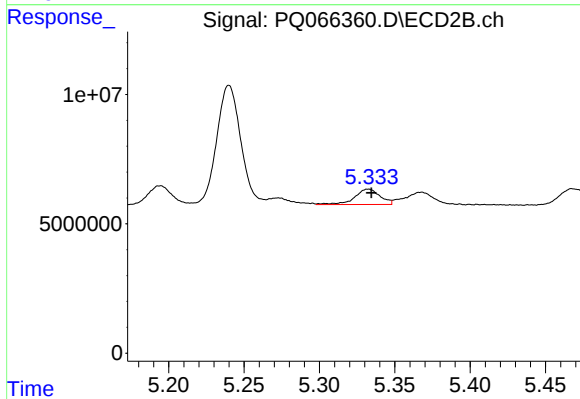
#31 AR-1260-1

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 36760602
Conc: 93.58 ng/ml



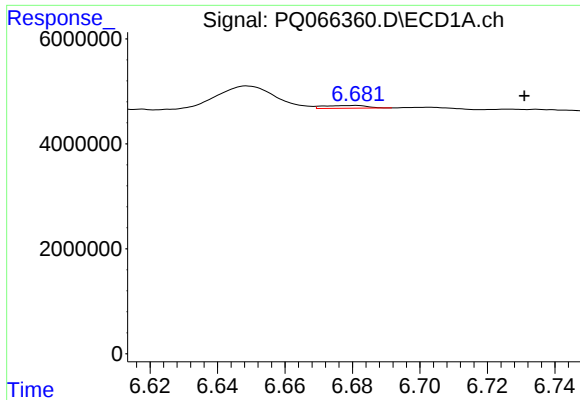
#32 AR-1260-2

R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 2698533
Conc: 12.17 ng/ml



#32 AR-1260-2

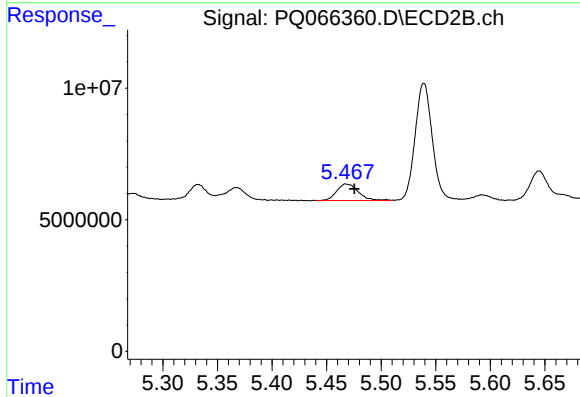
R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 6993936
Conc: 14.58 ng/ml



#33 AR-1260-3

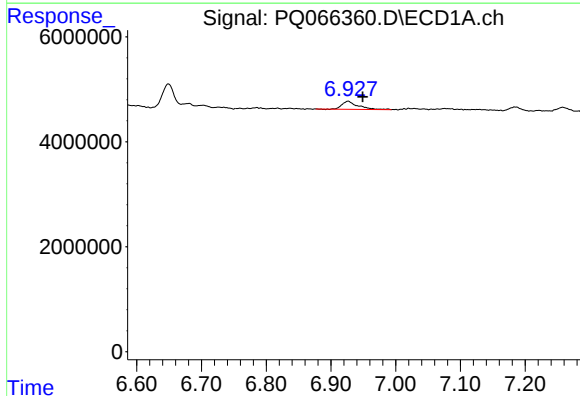
R.T.: 6.681 min
Delta R.T.: -0.050 min
Response: 481302
Conc: 2.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



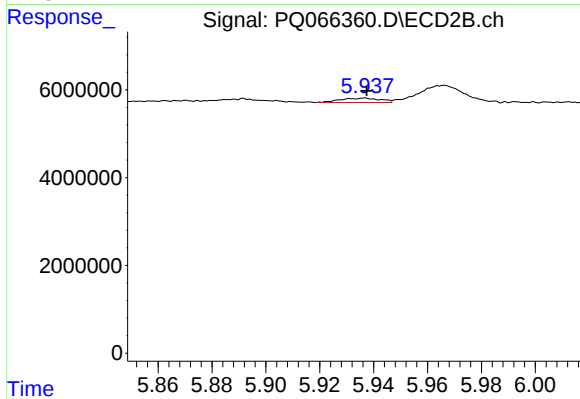
#33 AR-1260-3

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 8629266
Conc: 19.29 ng/ml



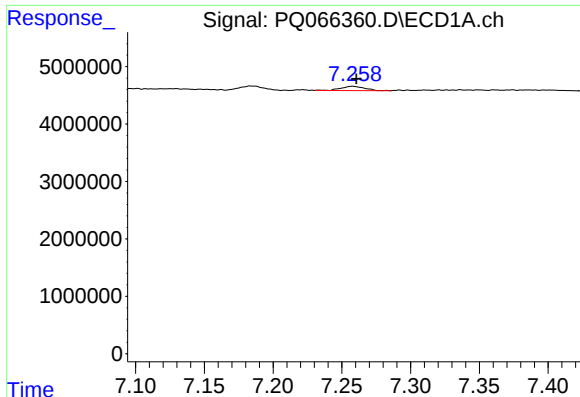
#34 AR-1260-4

R.T.: 6.926 min
Delta R.T.: -0.023 min
Response: 2655370
Conc: 14.41 ng/ml



#34 AR-1260-4

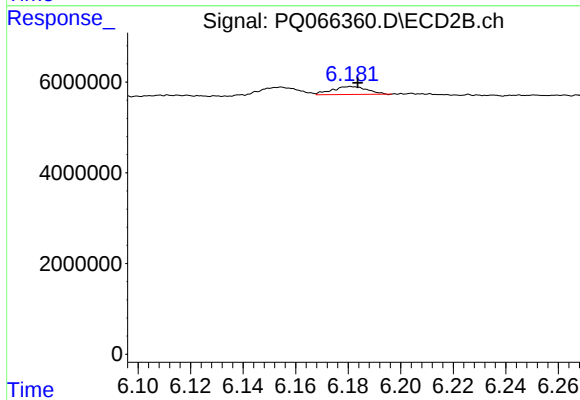
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 1021968
Conc: 2.78 ng/ml



#35 AR-1260-5

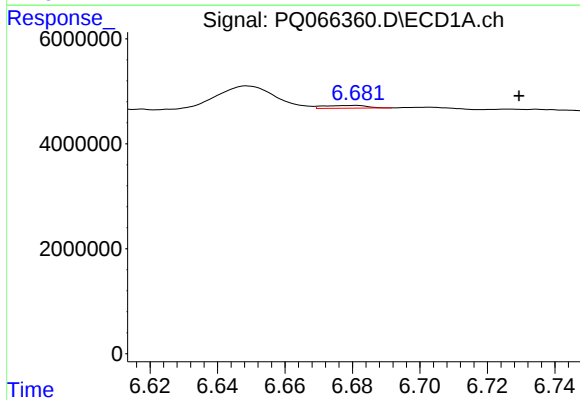
R.T.: 7.258 min
Delta R.T.: -0.003 min
Response: 895963
Conc: 2.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



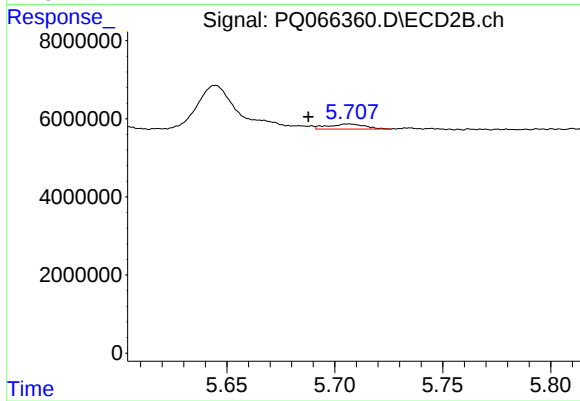
#35 AR-1260-5

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 1627139
Conc: 1.93 ng/ml



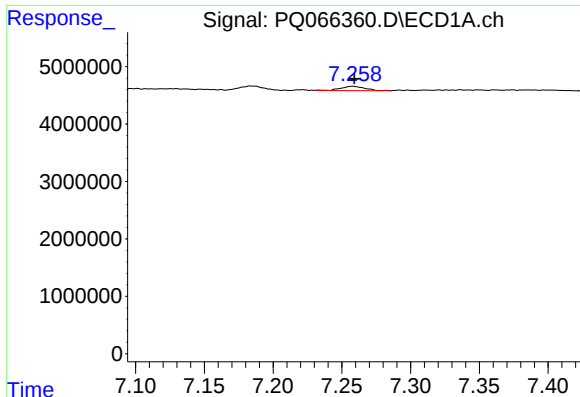
#36 AR-1262-1

R.T.: 6.681 min
Delta R.T.: -0.049 min
Response: 481302
Conc: 2.12 ng/ml



#36 AR-1262-1

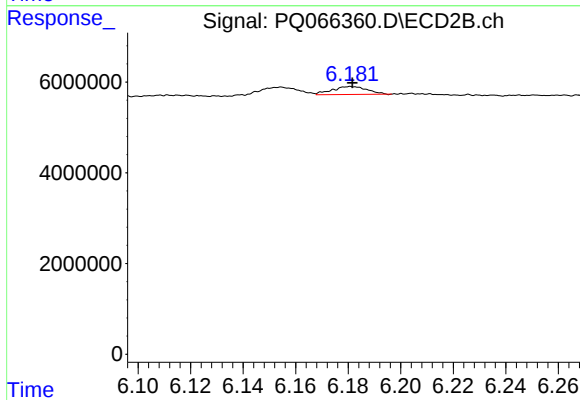
R.T.: 5.706 min
Delta R.T.: 0.019 min
Response: 1560302
Conc: 2.95 ng/ml



#37 AR-1262-2

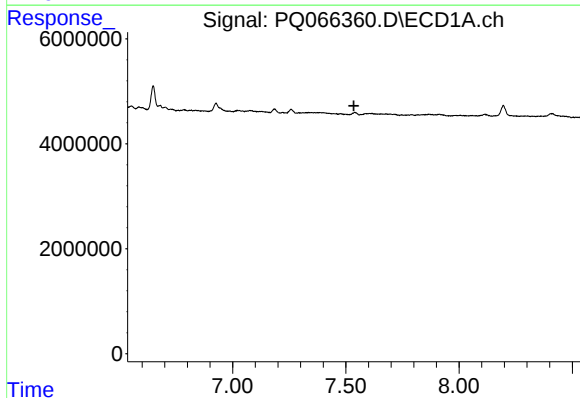
R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 895963
Conc: 2.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12483117



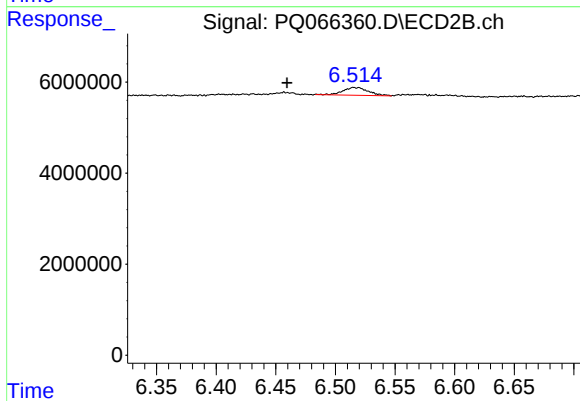
#37 AR-1262-2

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1627139
Conc: 1.73 ng/ml



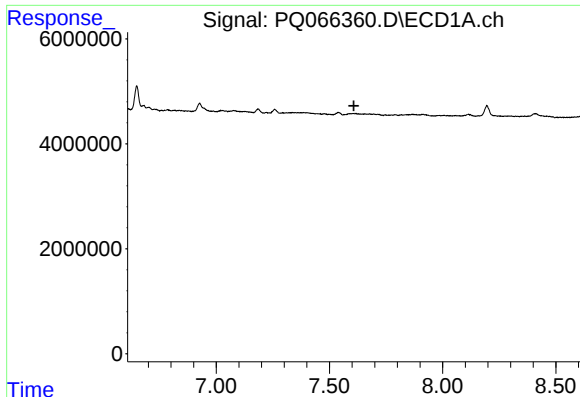
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.535 min
Response: 0
Conc: N.D.



#38 AR-1262-3

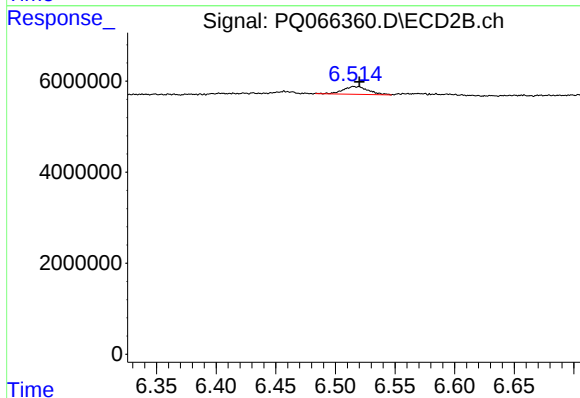
R.T.: 6.516 min
Delta R.T.: 0.056 min
Response: 2522396
Conc: 6.56 ng/ml



#39 AR-1262-4

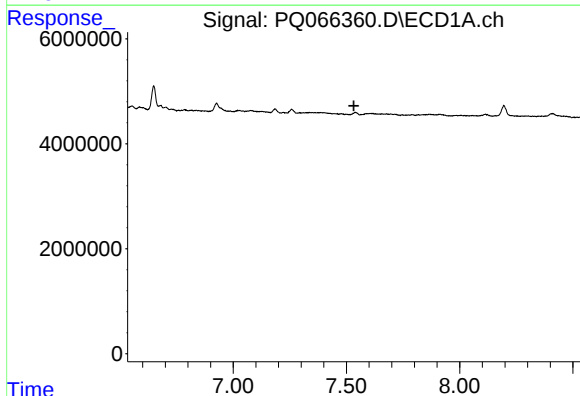
R.T.: 0.000 min
Exp R.T.: 7.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12483117



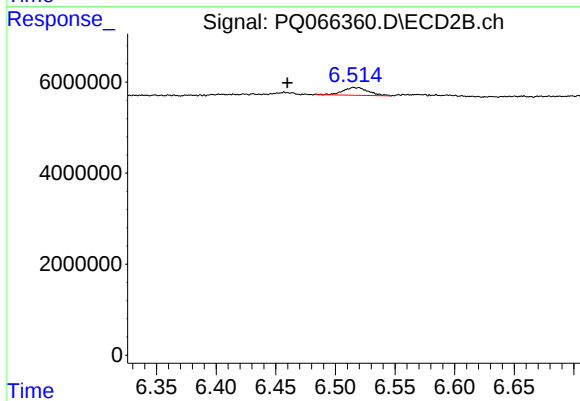
#39 AR-1262-4

R.T.: 6.516 min
Delta R.T.: -0.004 min
Response: 2522396
Conc: 3.56 ng/ml



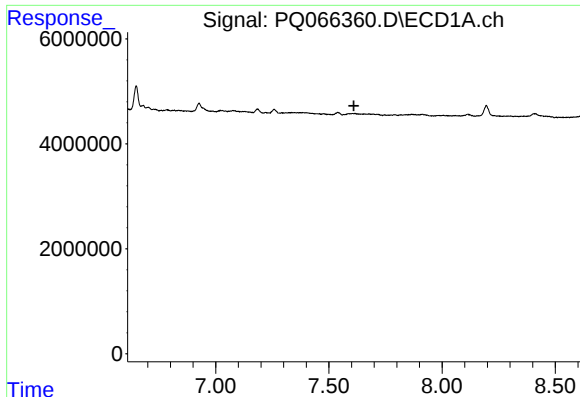
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.533 min
Response: 0
Conc: N.D.



#41 AR-1268-1

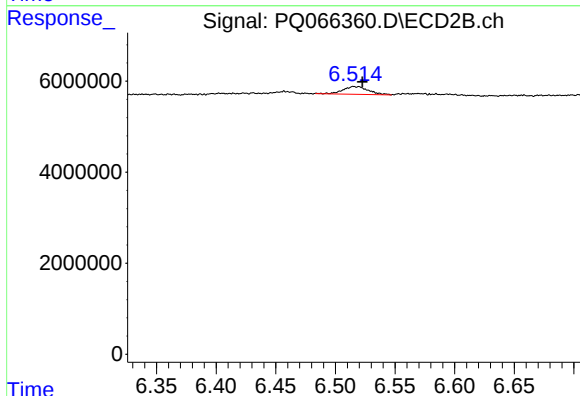
R.T.: 6.516 min
Delta R.T.: 0.056 min
Response: 2522396
Conc: 2.31 ng/ml



#42 AR-1268-2

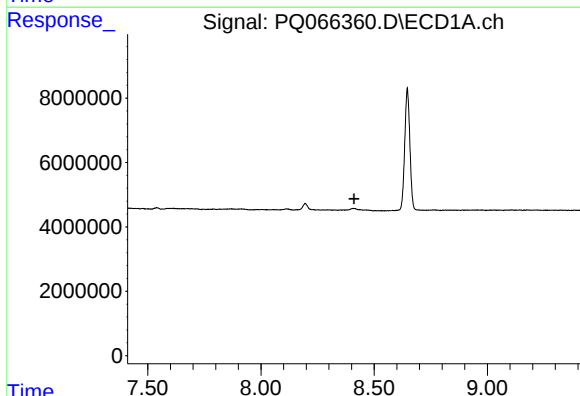
R.T.: 0.000 min
Exp R.T.: 7.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12483117



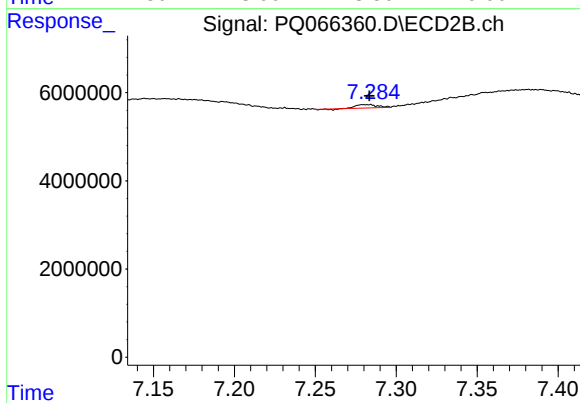
#42 AR-1268-2

R.T.: 6.516 min
Delta R.T.: -0.007 min
Response: 2522396
Conc: 2.53 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.411 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.281 min
Delta R.T.: -0.003 min
Response: 621005
Conc: 0.24 ng/ml