

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
 Data File : PQ063996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2023 08:41
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 12:29:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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...	3.459	2.776	84658660	87398359	18.474	19.466
2)	SA Decachlor...	8.691	7.573	126.5E6	207.7E6	38.292	38.746
Target Compounds							
3)	L1 AR-1016-1	4.573	3.785	1526467	1750932	10.644	12.968
4)	L1 AR-1016-2	4.596	3.803	1977848	1276657	9.029	6.488 #
5)	L1 AR-1016-3	4.653	3.966	1107201	948701	8.093	9.011
6)	L1 AR-1016-4	4.744	4.012	1166702	35118122	10.350	395.509 #
7)	L1 AR-1016-5	5.033	4.208	22173785	20666190	198.844	191.107
8)	L2 AR-1221-1	3.670	3.047f	867052	1646938	15.683	30.333 #
9)	L2 AR-1221-2	3.740	3.047	1372021	1646938	37.648	44.343
10)	L2 AR-1221-3	3.795	3.137	1243070	984518	10.078	7.893
11)	L3 AR-1232-1	3.795	3.137	1243070	984518	12.248	9.457
12)	L3 AR-1232-2	4.313	3.803	791546	1276657	15.622	13.934
13)	L3 AR-1232-3	4.596	3.966	1977848	948701	20.362	19.941
14)	L3 AR-1232-4	4.744	4.049	1166702	10669926	23.239	264.378 #
15)	L3 AR-1232-5	4.841	4.208	38113512	20666190	1055.242	443.936 #
16)	L4 AR-1242-1	4.573	3.785	1526467	1750932	12.725	15.291
17)	L4 AR-1242-2	4.596	3.803	1977848	1276657	10.981	7.674 #
18)	L4 AR-1242-3	4.653	3.966	1107201	948701	9.866	10.759
19)	L4 AR-1242-4	4.744	4.049	1166702	10669926	12.675	129.702 #
20)	L4 AR-1242-5	5.469	4.546	20051478	81679174	209.784	768.101 #
21)	L5 AR-1248-1	4.573	3.785	1526467	1750932	16.454	19.611
22)	L5 AR-1248-2	4.841	4.012	38113512	35118122	288.293	269.047
23)	L5 AR-1248-3	5.033	4.049	22173785	10669926	141.359	85.785 #
24)	L5 AR-1248-4	5.430	4.208	32729121	20666190	190.649	136.548 #
25)	L5 AR-1248-5	5.469	4.585	20051478	10230509	119.463	69.125 #
26)	L6 AR-1254-1	5.403	4.546	66369936	81679174	382.451	373.254
27)	L6 AR-1254-2	5.622	4.694	102.7E6	71509730	382.268	375.306
28)	L6 AR-1254-3	5.978	5.077	104.3E6	110.7E6	379.358	372.675
29)	L6 AR-1254-4	6.264	5.305	75414380	70609027	377.777	374.070
30)	L6 AR-1254-5	6.680	5.712	83616208	102.4E6	382.146	376.377
31)	L7 AR-1260-1	6.144	5.208	42431476	54574141	194.023	259.704 #
32)	L7 AR-1260-2	6.406	5.398	44806386	43030137	172.063	172.776
33)	L7 AR-1260-3	6.760	5.536	3425584	47396140	17.857	199.605 #
34)	L7 AR-1260-4	6.958	6.005	33603236	4922587	156.458	24.332 #
35)	L7 AR-1260-5	7.292	6.251	10459265	12355184	25.847	26.459
36)	L8 AR-1262-1	6.760	5.775	3425584	8789745	12.118	30.331 #
37)	L8 AR-1262-2	7.292	6.251	10459265	12355184	22.751	23.628
38)	L8 AR-1262-3	7.574	6.585f	8472776	12447594	27.371	57.913 #
39)	L8 AR-1262-4	7.616	6.585	1348157	12447594	5.654	31.239 #
40)	L8 AR-1262-5	8.150	7.087	703407	754008	4.479	3.764
41)	L9 AR-1268-1	7.574	6.585f	8472776	12447594	15.828	20.295 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
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 Acq On : 11 Nov 2023 08:41
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

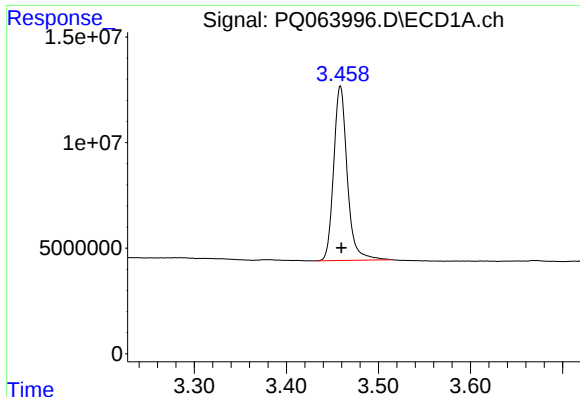
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 12:29:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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
42) L9	AR-1268-2	7.616	6.585	1348157	12447594	2.784	22.352 #
43) L9	AR-1268-3	0.000	6.849f	0	571621	N.D.	1.168 #
44) L9	AR-1268-4	8.150	7.087	703407	754008	4.050	3.550
45) L9	AR-1268-5	8.450	7.355	1190398	1381101	0.968	0.763

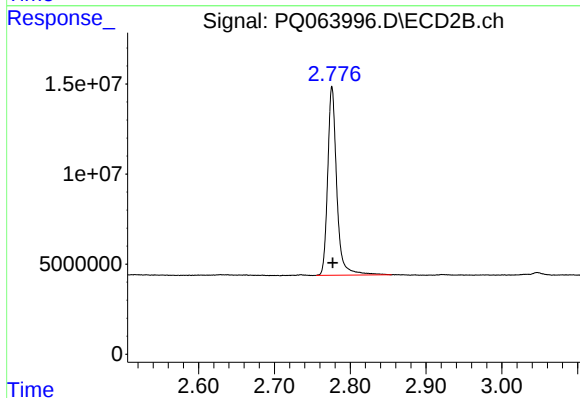
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

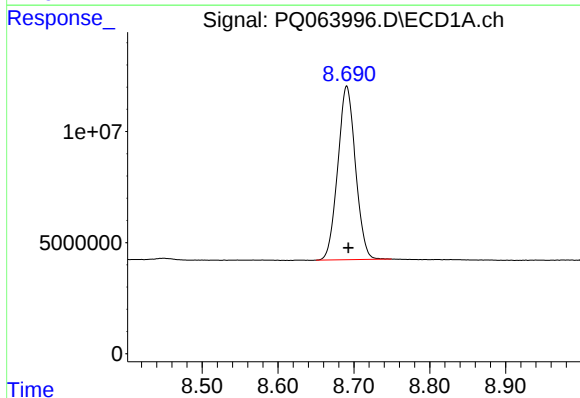
R.T.: 3.459 min
Delta R.T.: -0.001 min
Response: 84658660
Conc: 18.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



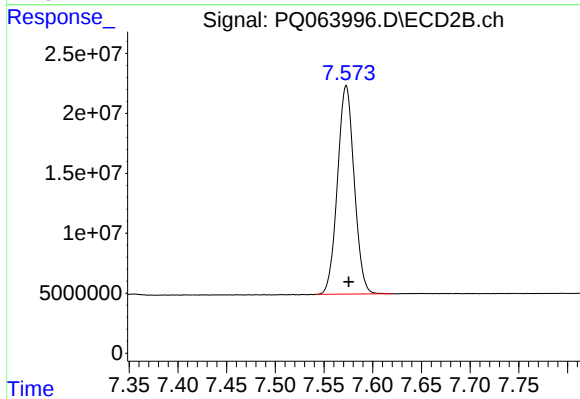
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 87398359
Conc: 19.47 ng/ml



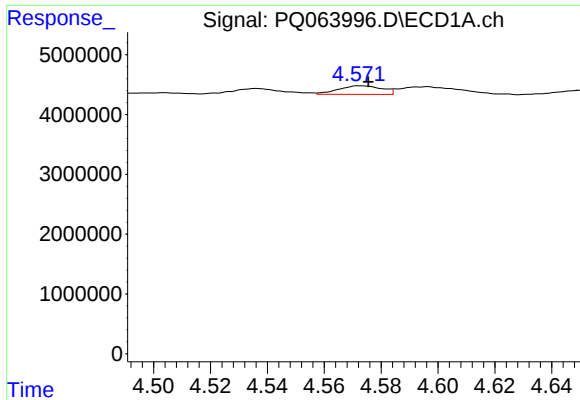
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 126476390
Conc: 38.29 ng/ml



#2 Decachlorobiphenyl

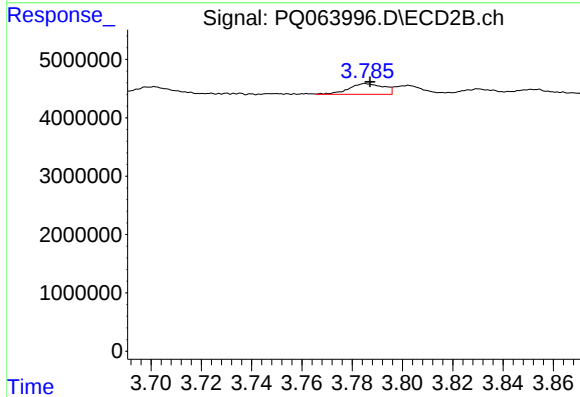
R.T.: 7.573 min
Delta R.T.: -0.002 min
Response: 207661117
Conc: 38.75 ng/ml



#3 AR-1016-1

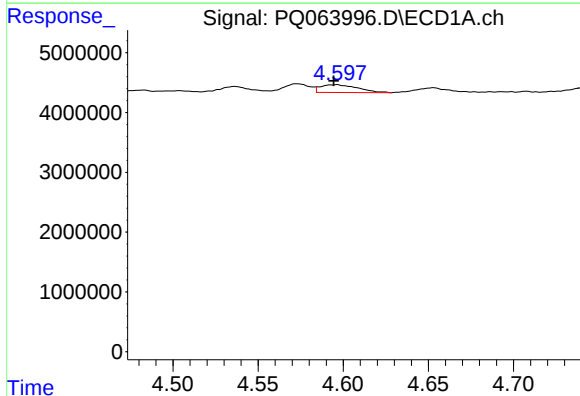
R.T.: 4.573 min
Delta R.T.: -0.003 min
Response: 1526467
Conc: 10.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



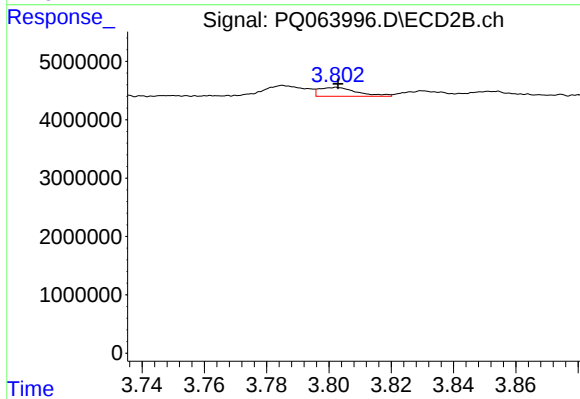
#3 AR-1016-1

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 1750932
Conc: 12.97 ng/ml



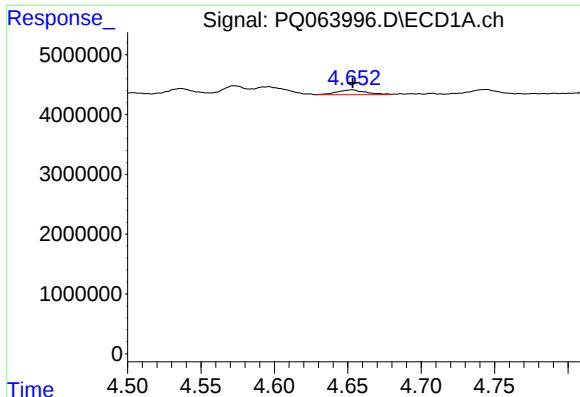
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: 0.001 min
Response: 1977848
Conc: 9.03 ng/ml



#4 AR-1016-2

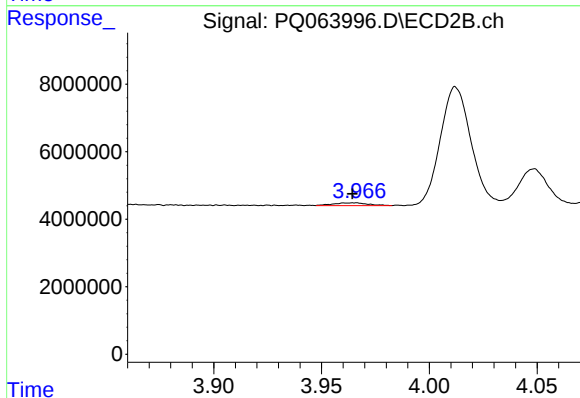
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 1276657
Conc: 6.49 ng/ml



#5 AR-1016-3

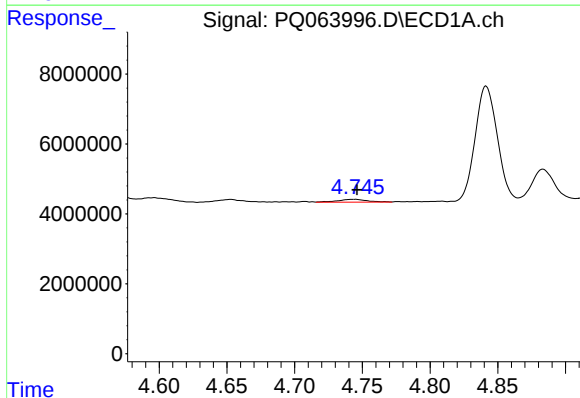
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 1107201
Conc: 8.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



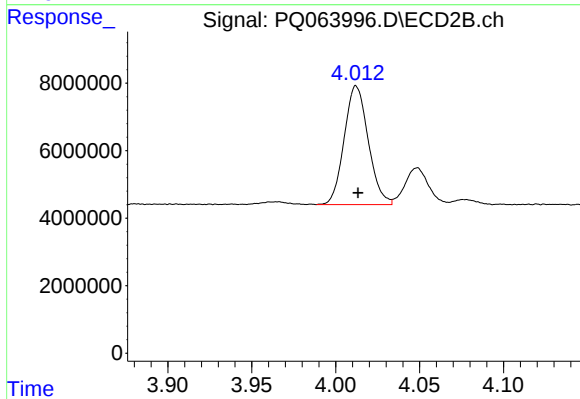
#5 AR-1016-3

R.T.: 3.966 min
Delta R.T.: 0.002 min
Response: 948701
Conc: 9.01 ng/ml



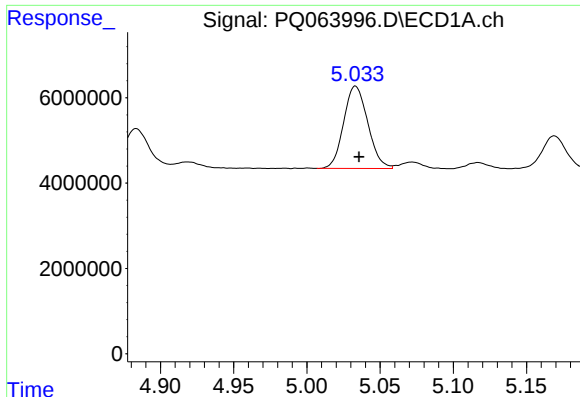
#6 AR-1016-4

R.T.: 4.744 min
Delta R.T.: -0.002 min
Response: 1166702
Conc: 10.35 ng/ml



#6 AR-1016-4

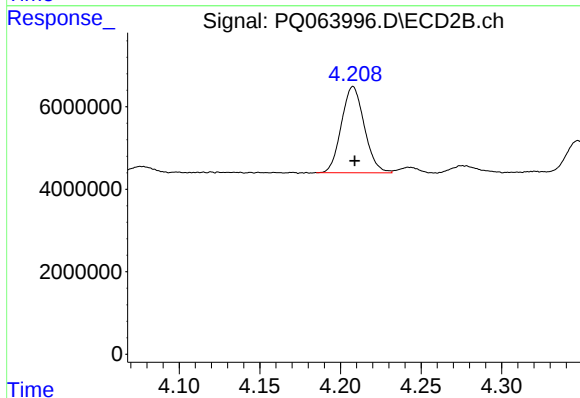
R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 35118122
Conc: 395.51 ng/ml



#7 AR-1016-5

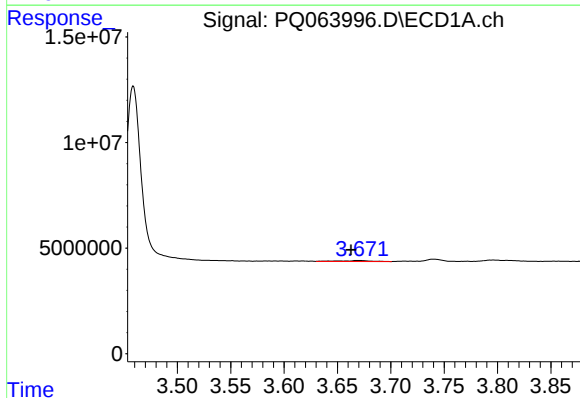
R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 22173785
Conc: 198.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



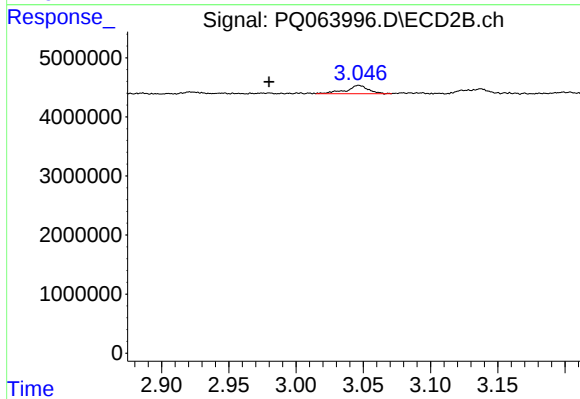
#7 AR-1016-5

R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 20666190
Conc: 191.11 ng/ml



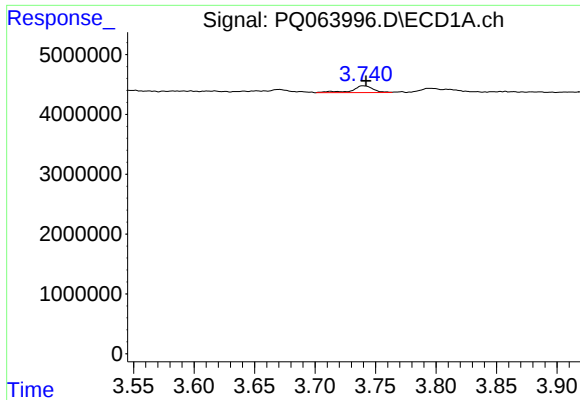
#8 AR-1221-1

R.T.: 3.670 min
Delta R.T.: 0.007 min
Response: 867052
Conc: 15.68 ng/ml



#8 AR-1221-1

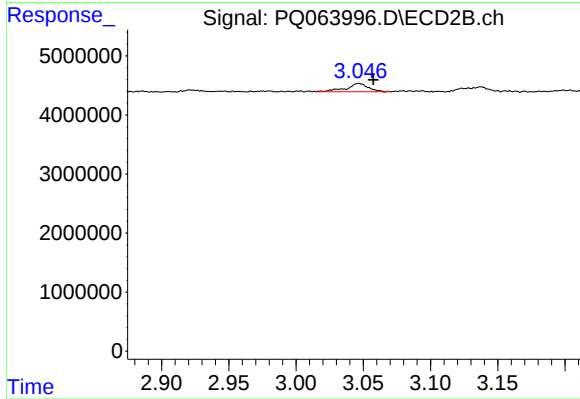
R.T.: 3.047 min
Delta R.T.: 0.067 min
Response: 1646938
Conc: 30.33 ng/ml



#9 AR-1221-2

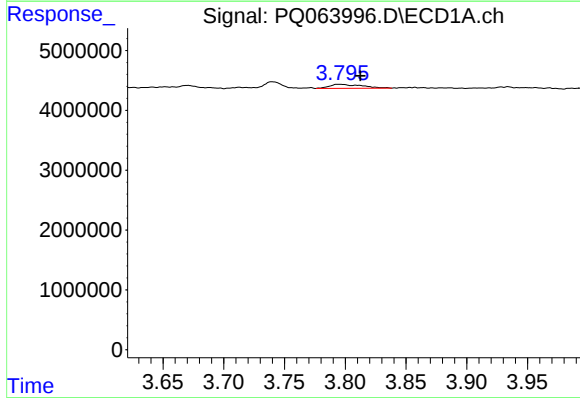
R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 1372021
Conc: 37.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



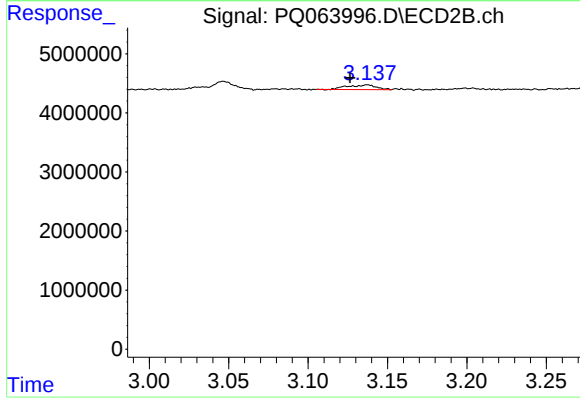
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: -0.011 min
Response: 1646938
Conc: 44.34 ng/ml



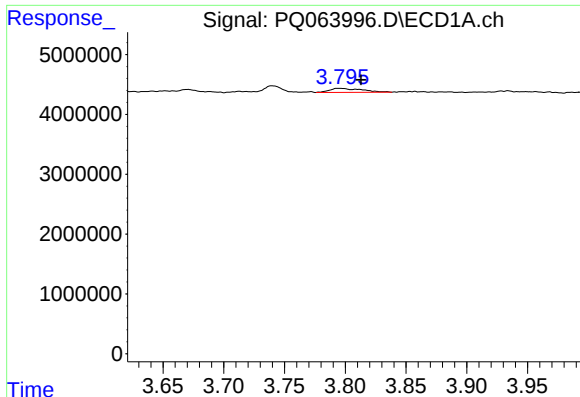
#10 AR-1221-3

R.T.: 3.795 min
Delta R.T.: -0.017 min
Response: 1243070
Conc: 10.08 ng/ml



#10 AR-1221-3

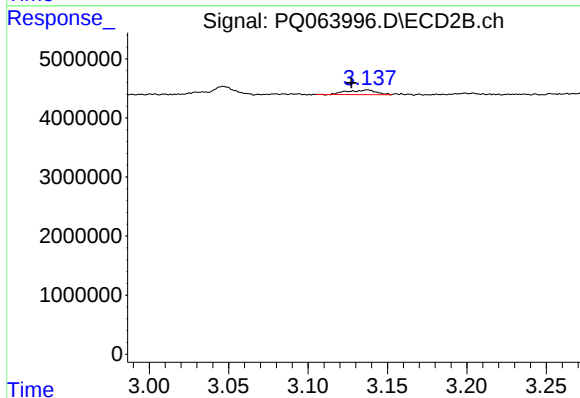
R.T.: 3.137 min
Delta R.T.: 0.011 min
Response: 984518
Conc: 7.89 ng/ml



#11 AR-1232-1

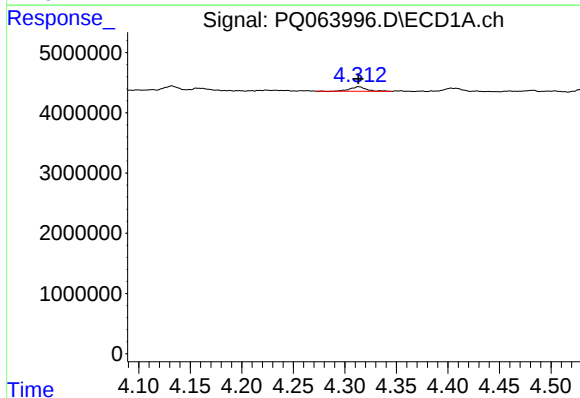
R.T.: 3.795 min
Delta R.T.: -0.018 min
Response: 1243070
Conc: 12.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



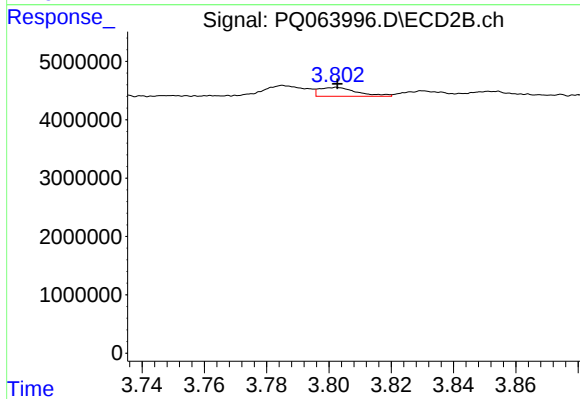
#11 AR-1232-1

R.T.: 3.137 min
Delta R.T.: 0.010 min
Response: 984518
Conc: 9.46 ng/ml



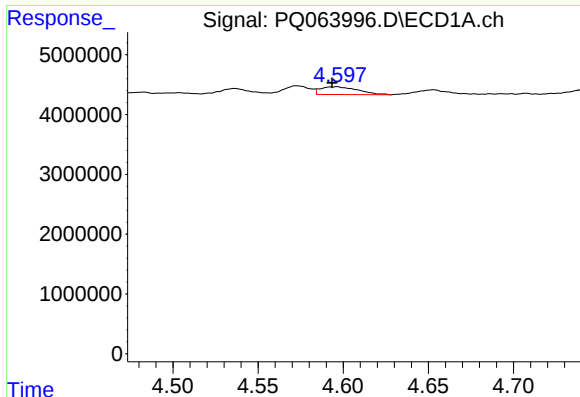
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 791546
Conc: 15.62 ng/ml



#12 AR-1232-2

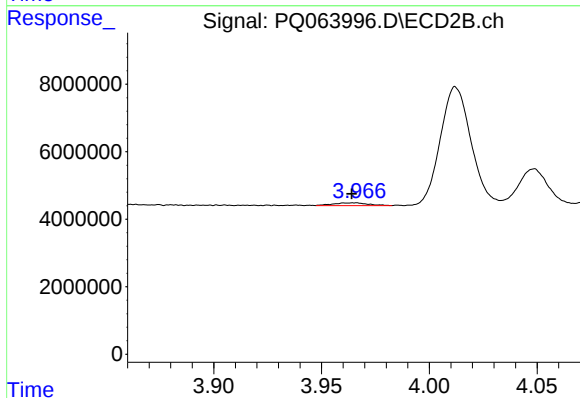
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 1276657
Conc: 13.93 ng/ml



#13 AR-1232-3

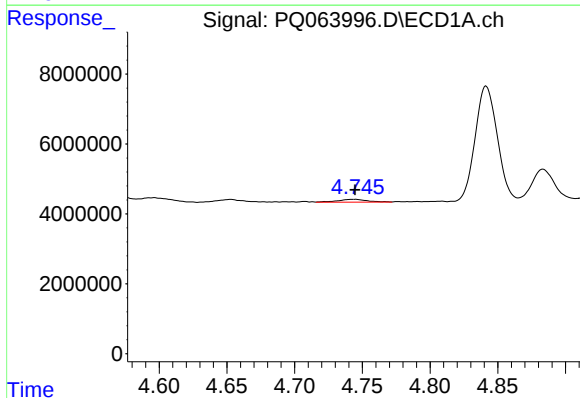
R.T.: 4.596 min
Delta R.T.: 0.002 min
Response: 1977848
Conc: 20.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



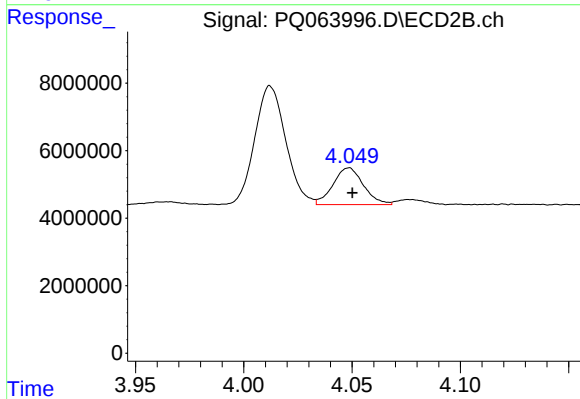
#13 AR-1232-3

R.T.: 3.966 min
Delta R.T.: 0.002 min
Response: 948701
Conc: 19.94 ng/ml



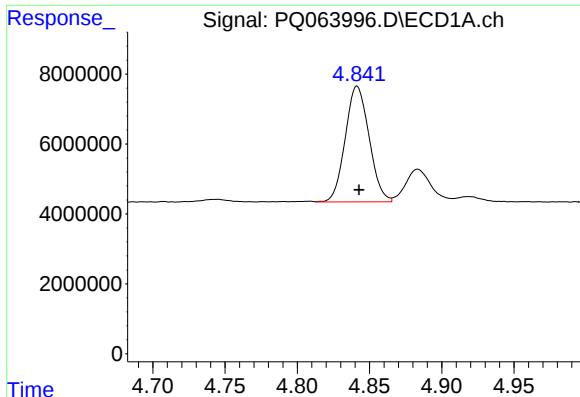
#14 AR-1232-4

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 1166702
Conc: 23.24 ng/ml



#14 AR-1232-4

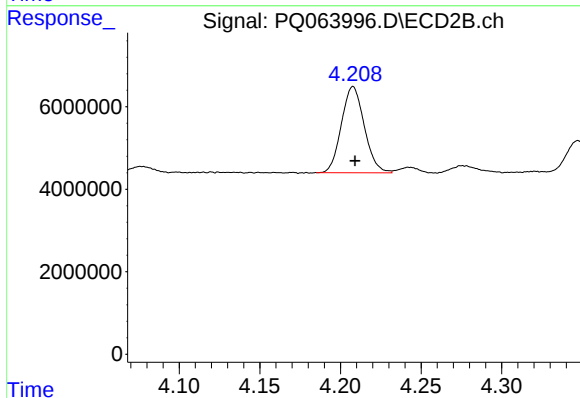
R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 10669926
Conc: 264.38 ng/ml



#15 AR-1232-5

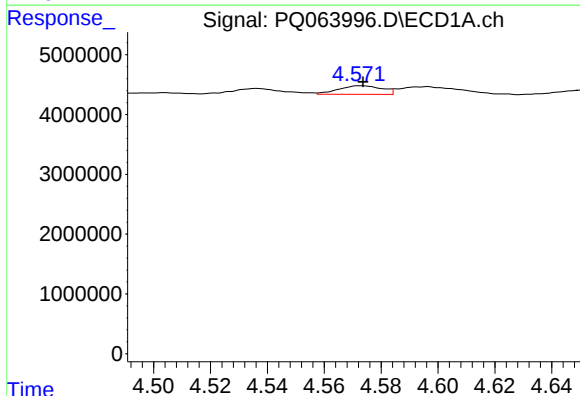
R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 38113512
Conc: 1055.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



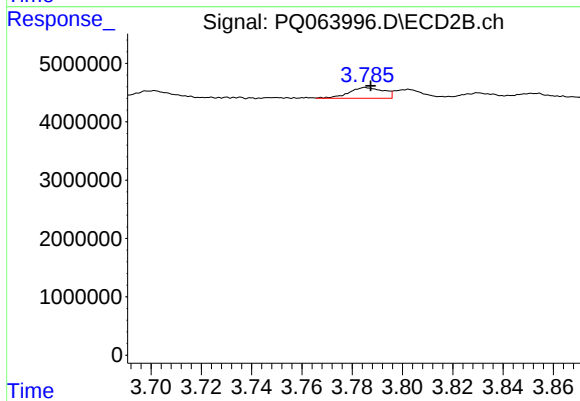
#15 AR-1232-5

R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 20666190
Conc: 443.94 ng/ml



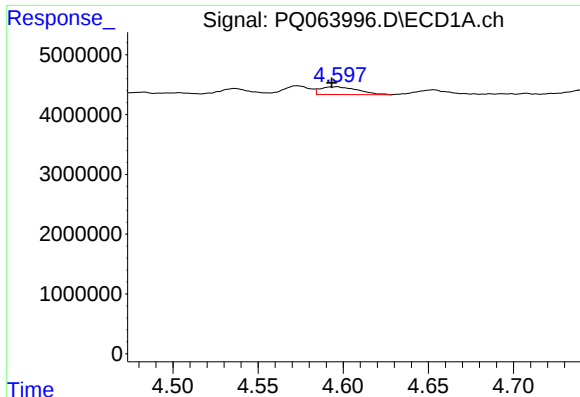
#16 AR-1242-1

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 1526467
Conc: 12.73 ng/ml



#16 AR-1242-1

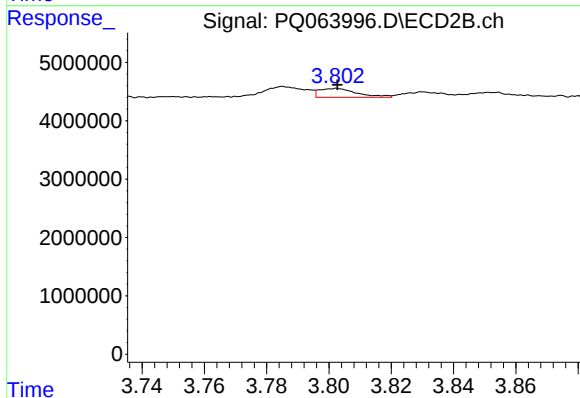
R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 1750932
Conc: 15.29 ng/ml



#17 AR-1242-2

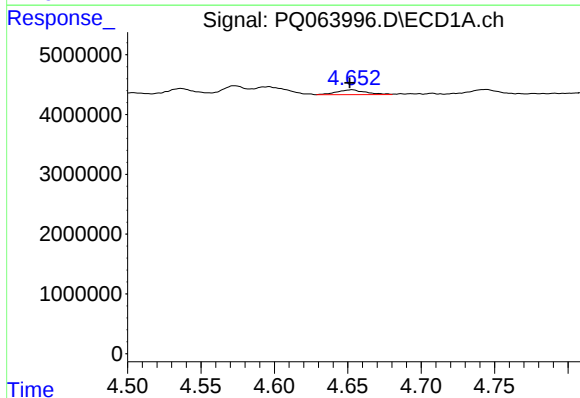
R.T.: 4.596 min
Delta R.T.: 0.003 min
Response: 1977848
Conc: 10.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



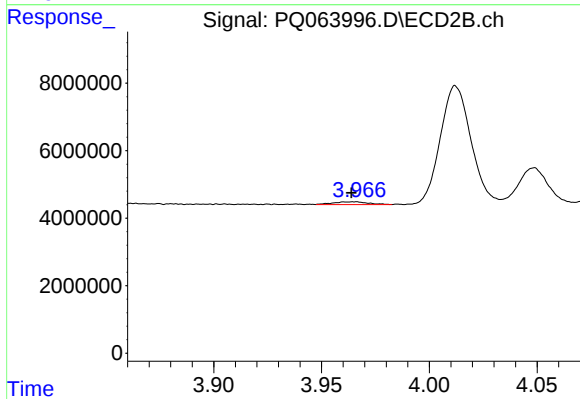
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 1276657
Conc: 7.67 ng/ml



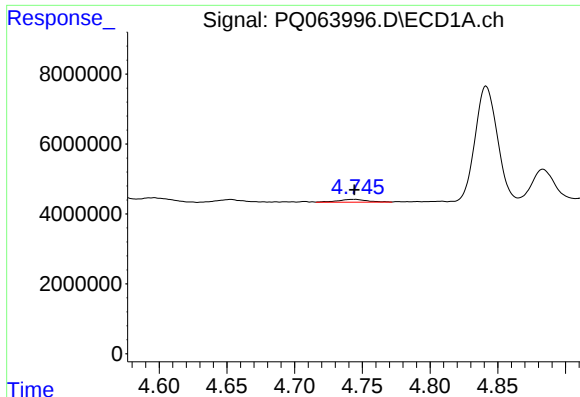
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.001 min
Response: 1107201
Conc: 9.87 ng/ml



#18 AR-1242-3

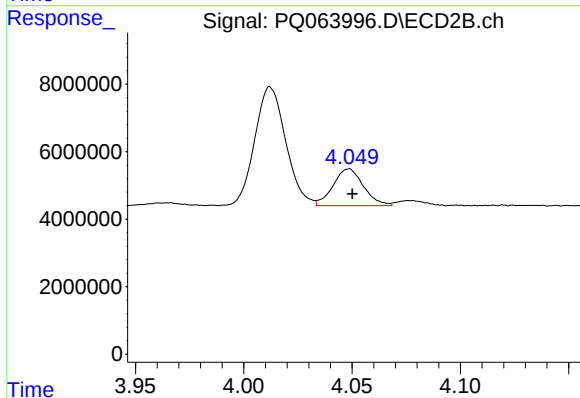
R.T.: 3.966 min
Delta R.T.: 0.003 min
Response: 948701
Conc: 10.76 ng/ml



#19 AR-1242-4

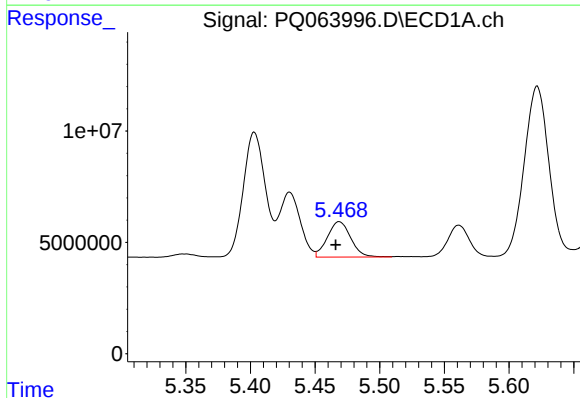
R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 1166702
Conc: 12.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



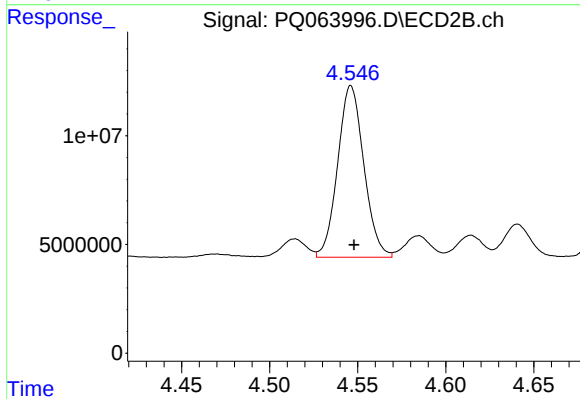
#19 AR-1242-4

R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 10669926
Conc: 129.70 ng/ml



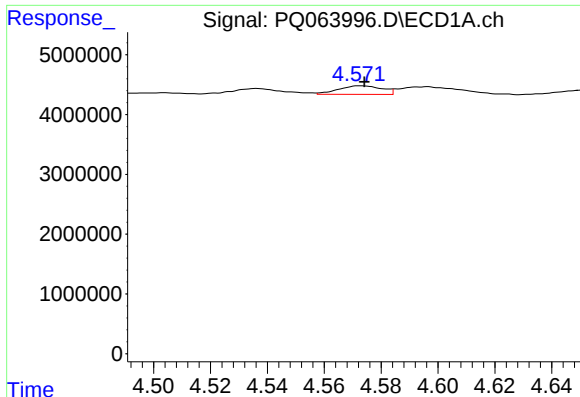
#20 AR-1242-5

R.T.: 5.469 min
Delta R.T.: 0.003 min
Response: 20051478
Conc: 209.78 ng/ml



#20 AR-1242-5

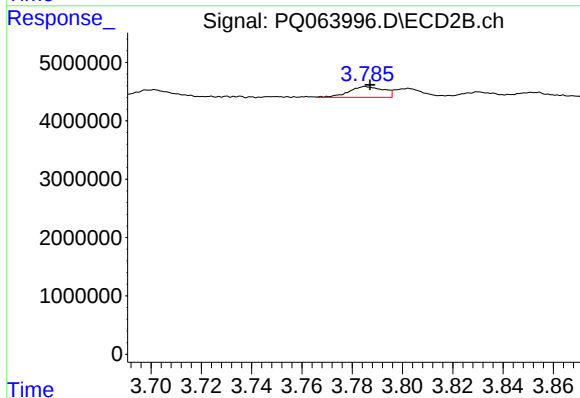
R.T.: 4.546 min
Delta R.T.: -0.002 min
Response: 81679174
Conc: 768.10 ng/ml



#21 AR-1248-1

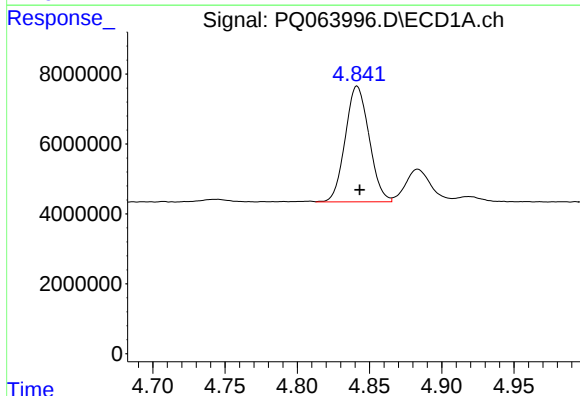
R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 1526467
Conc: 16.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



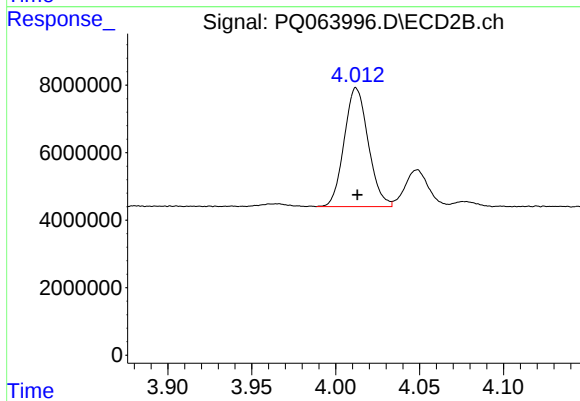
#21 AR-1248-1

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 1750932
Conc: 19.61 ng/ml



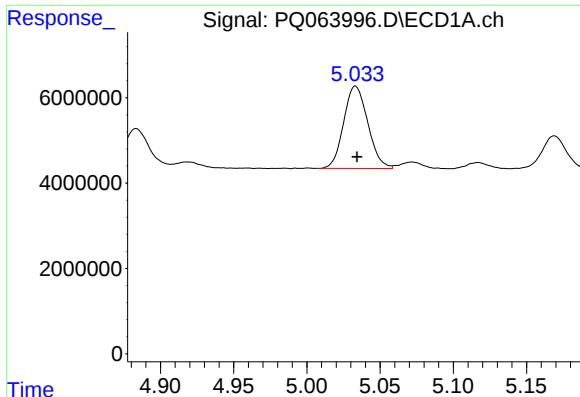
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: -0.002 min
Response: 38113512
Conc: 288.29 ng/ml



#22 AR-1248-2

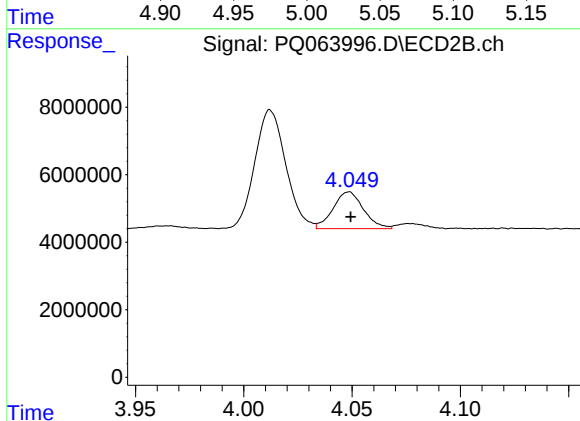
R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 35118122
Conc: 269.05 ng/ml



#23 AR-1248-3

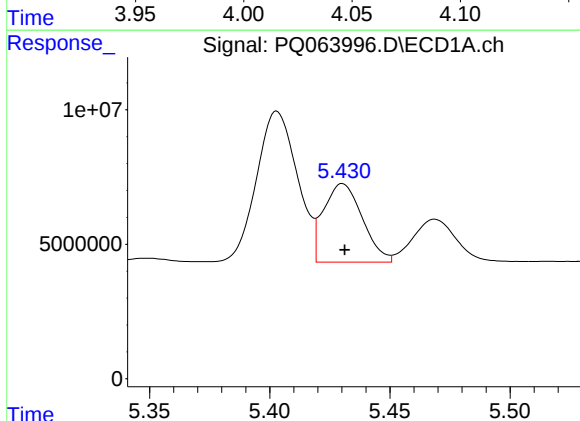
R.T.: 5.033 min
Delta R.T.: -0.001 min
Response: 22173785
Conc: 141.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



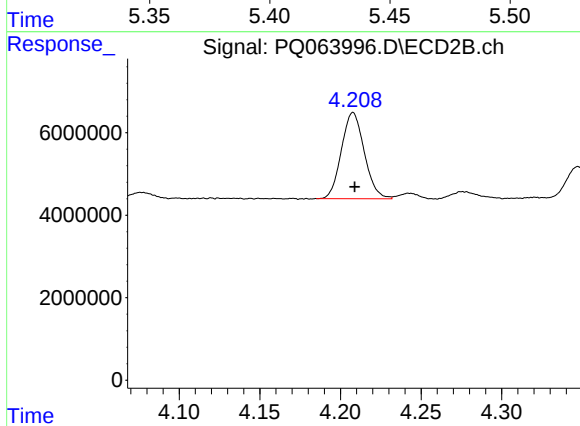
#23 AR-1248-3

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 10669926
Conc: 85.78 ng/ml



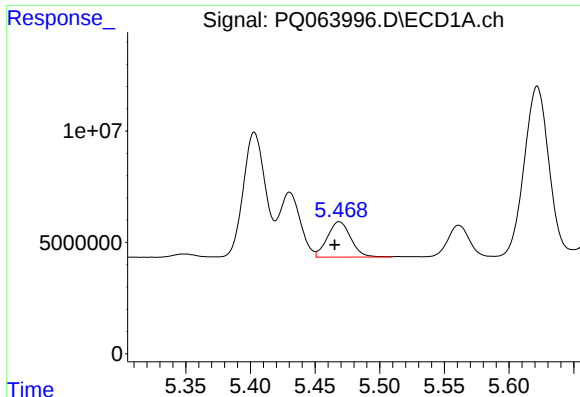
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 32729121
Conc: 190.65 ng/ml



#24 AR-1248-4

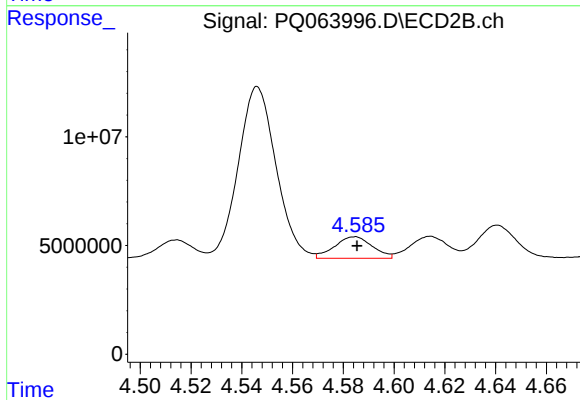
R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 20666190
Conc: 136.55 ng/ml



#25 AR-1248-5

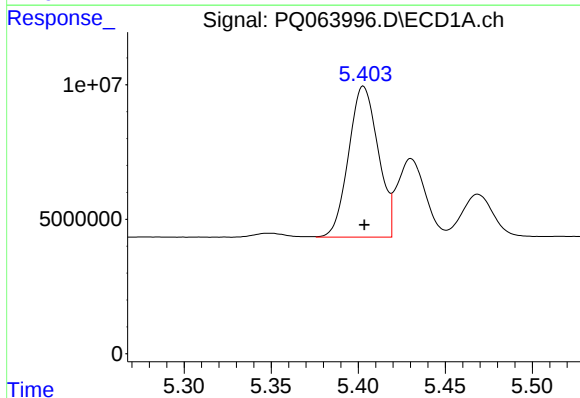
R.T.: 5.469 min
Delta R.T.: 0.003 min
Response: 20051478
Conc: 119.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



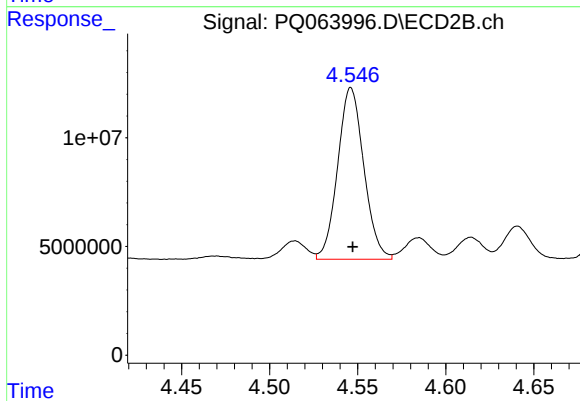
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 10230509
Conc: 69.13 ng/ml



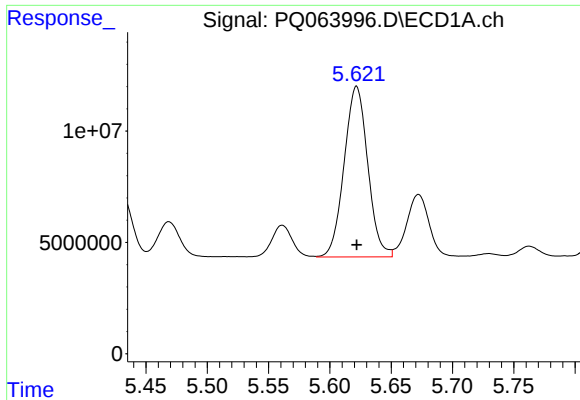
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 66369936
Conc: 382.45 ng/ml



#26 AR-1254-1

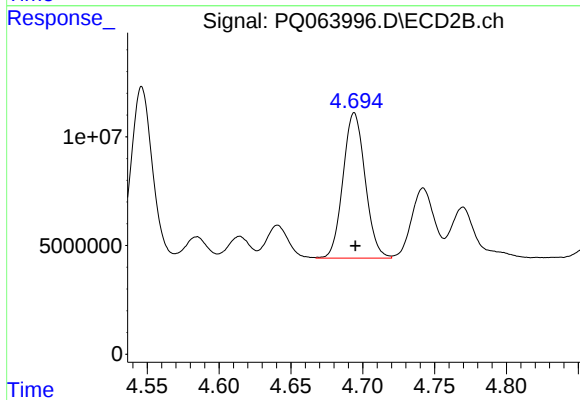
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 81679174
Conc: 373.25 ng/ml



#27 AR-1254-2

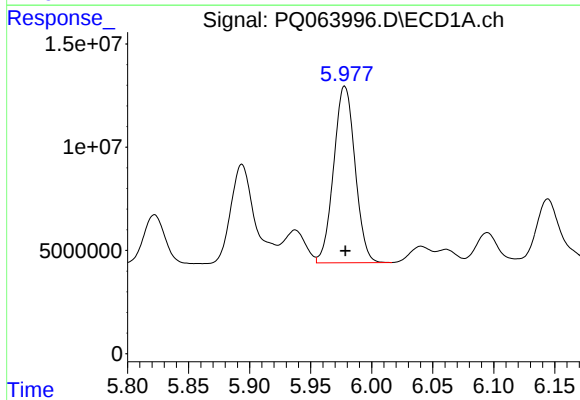
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 102748223
Conc: 382.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



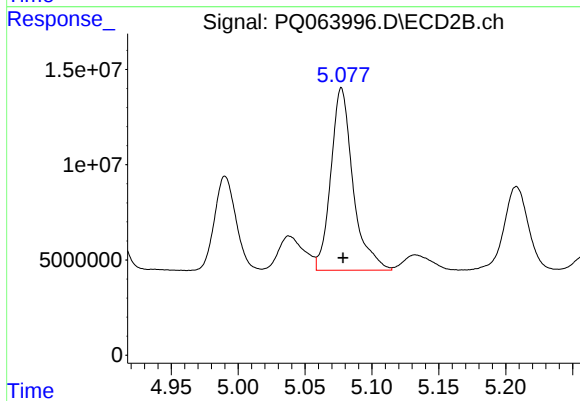
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 71509730
Conc: 375.31 ng/ml



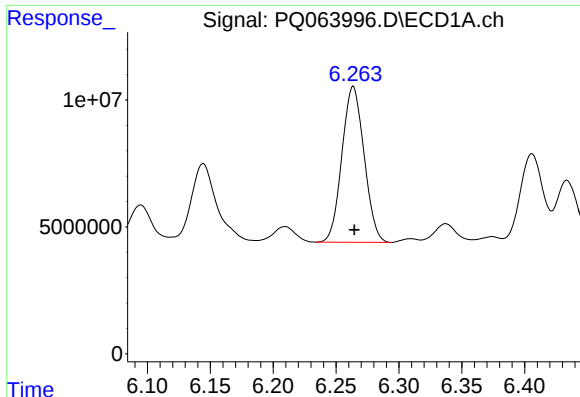
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 104257365
Conc: 379.36 ng/ml



#28 AR-1254-3

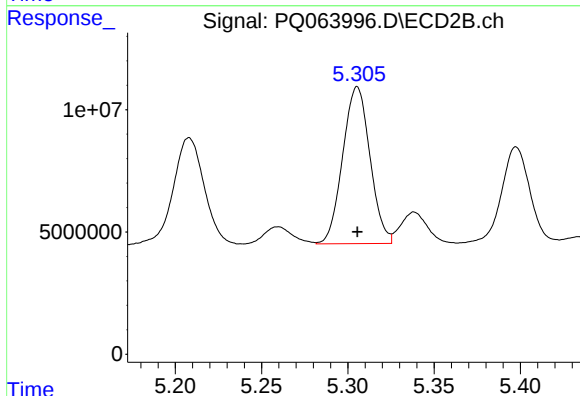
R.T.: 5.077 min
Delta R.T.: -0.001 min
Response: 110698622
Conc: 372.68 ng/ml



#29 AR-1254-4

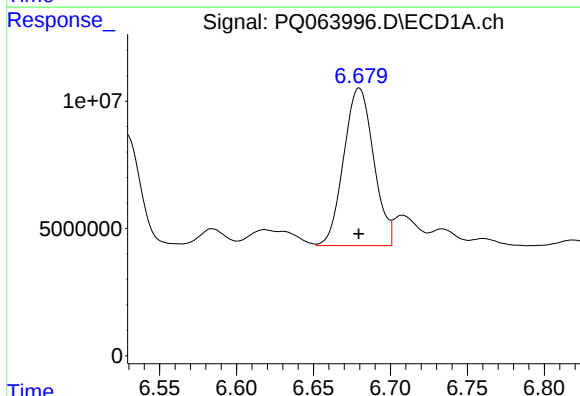
R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 75414380
Conc: 377.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



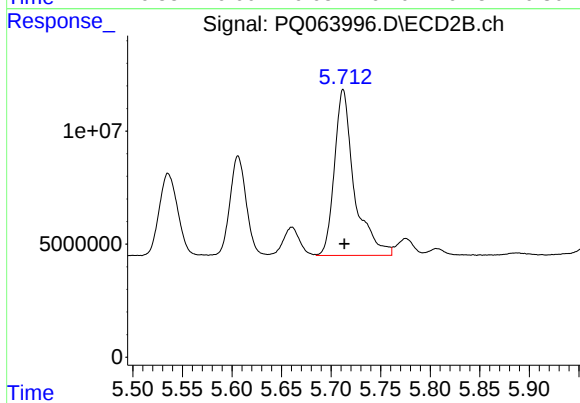
#29 AR-1254-4

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 70609027
Conc: 374.07 ng/ml



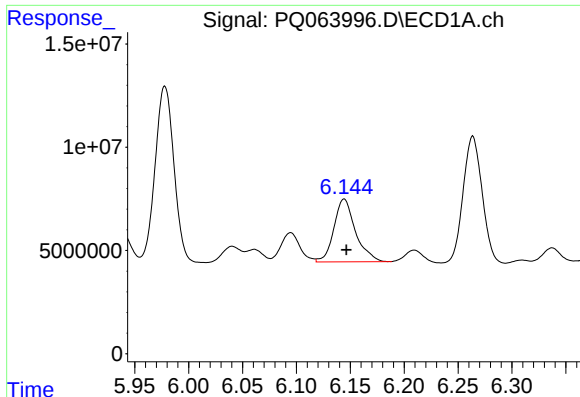
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 83616208
Conc: 382.15 ng/ml



#30 AR-1254-5

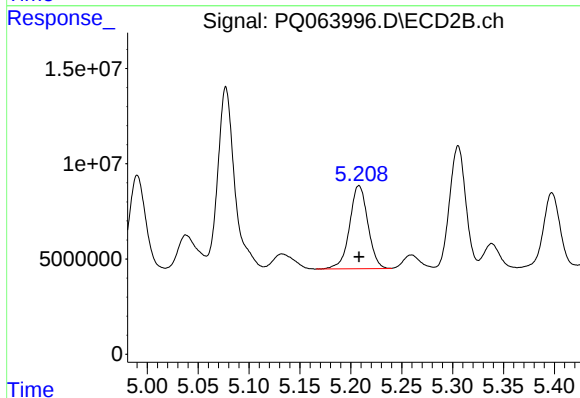
R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 102391372
Conc: 376.38 ng/ml



#31 AR-1260-1

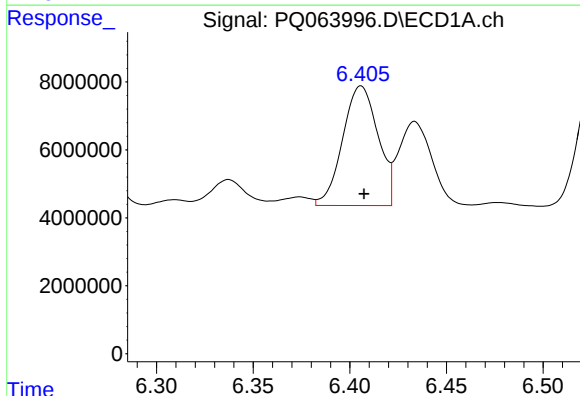
R.T.: 6.144 min
Delta R.T.: -0.002 min
Response: 42431476
Conc: 194.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



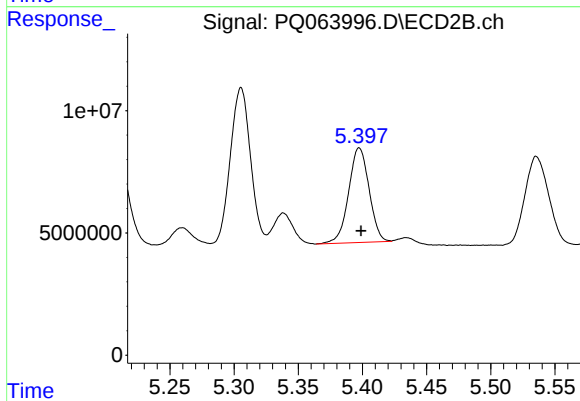
#31 AR-1260-1

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 54574141
Conc: 259.70 ng/ml



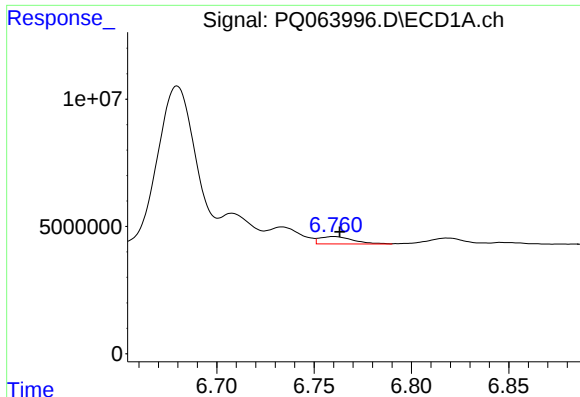
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.002 min
Response: 44806386
Conc: 172.06 ng/ml



#32 AR-1260-2

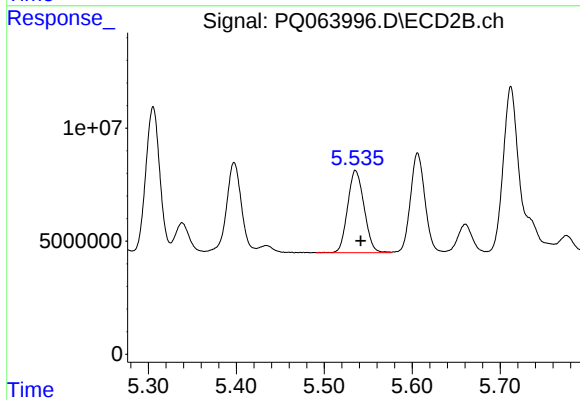
R.T.: 5.398 min
Delta R.T.: -0.001 min
Response: 43030137
Conc: 172.78 ng/ml



#33 AR-1260-3

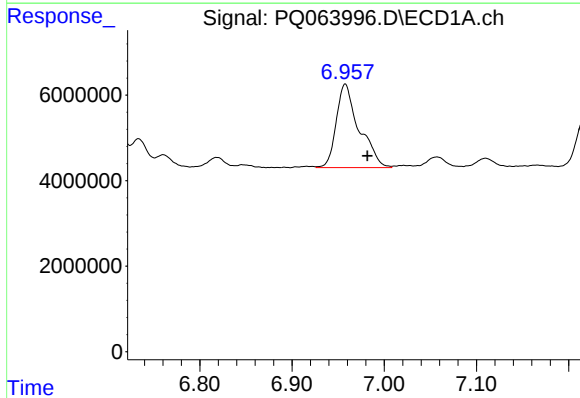
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 3425584
Conc: 17.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



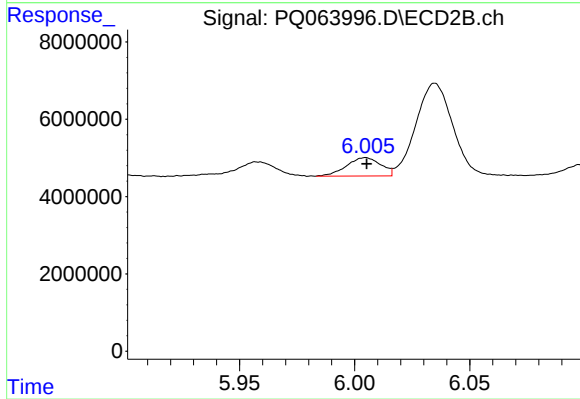
#33 AR-1260-3

R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 47396140
Conc: 199.61 ng/ml



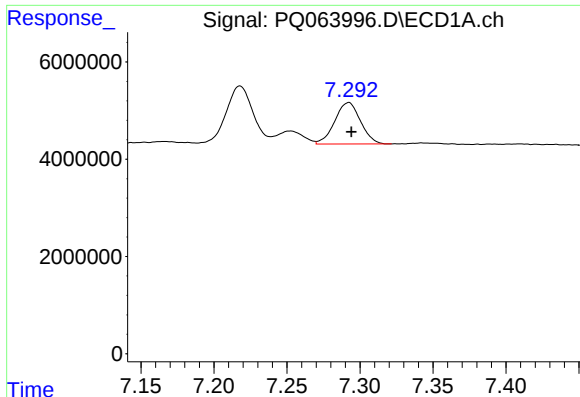
#34 AR-1260-4

R.T.: 6.958 min
Delta R.T.: -0.024 min
Response: 33603236
Conc: 156.46 ng/ml



#34 AR-1260-4

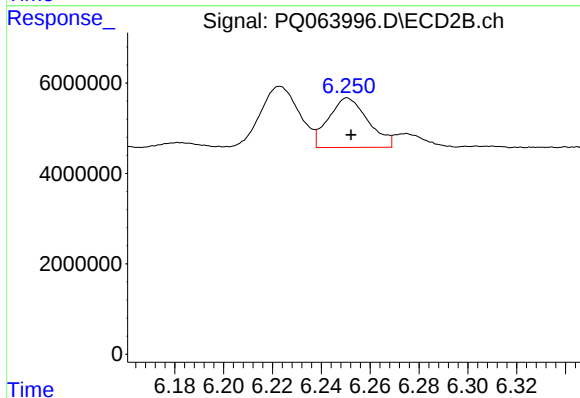
R.T.: 6.005 min
Delta R.T.: 0.000 min
Response: 4922587
Conc: 24.33 ng/ml



#35 AR-1260-5

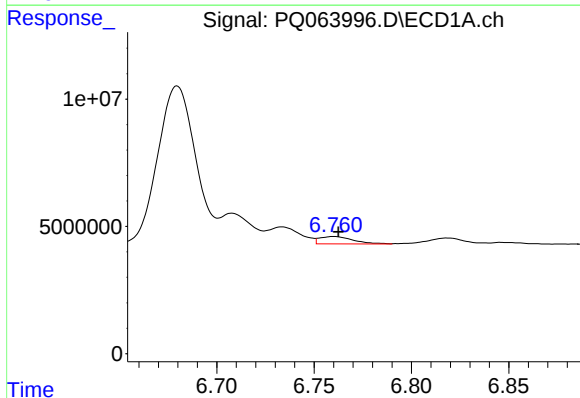
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 10459265
Conc: 25.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



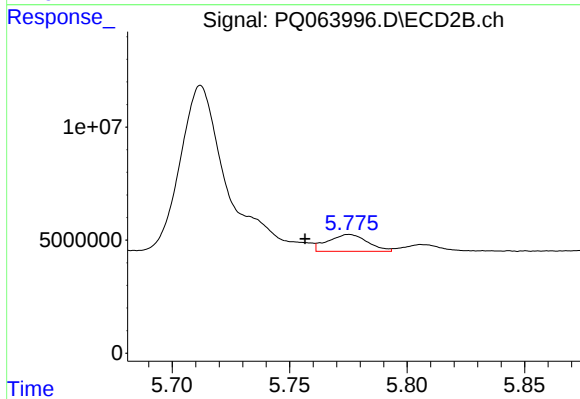
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 12355184
Conc: 26.46 ng/ml



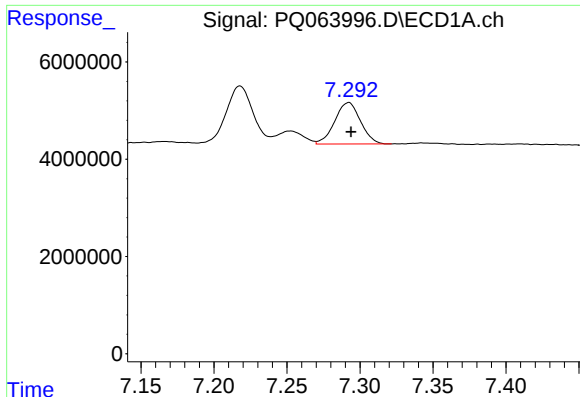
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 3425584
Conc: 12.12 ng/ml



#36 AR-1262-1

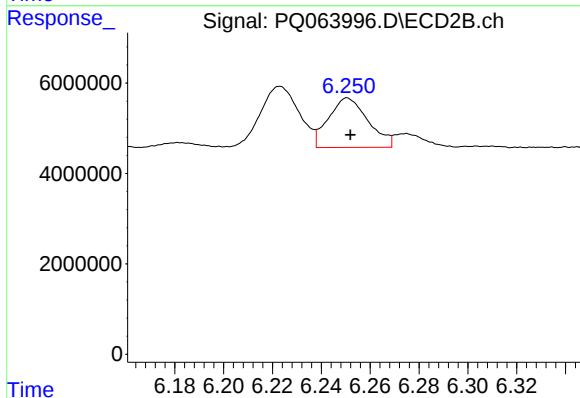
R.T.: 5.775 min
Delta R.T.: 0.019 min
Response: 8789745
Conc: 30.33 ng/ml



#37 AR-1262-2

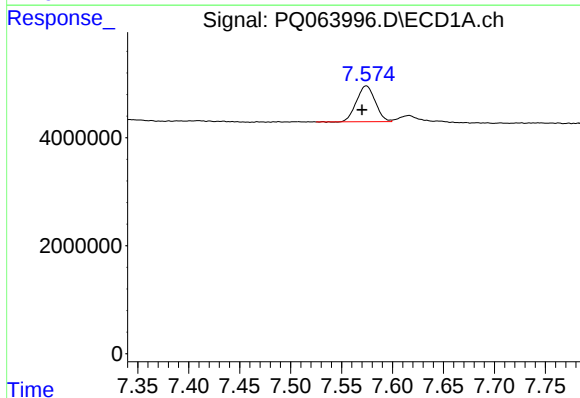
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 10459265
Conc: 22.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



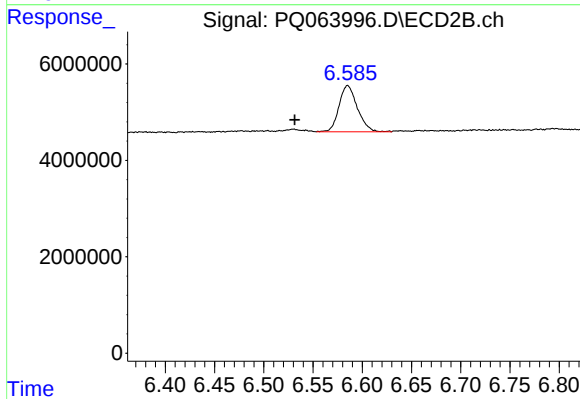
#37 AR-1262-2

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 12355184
Conc: 23.63 ng/ml



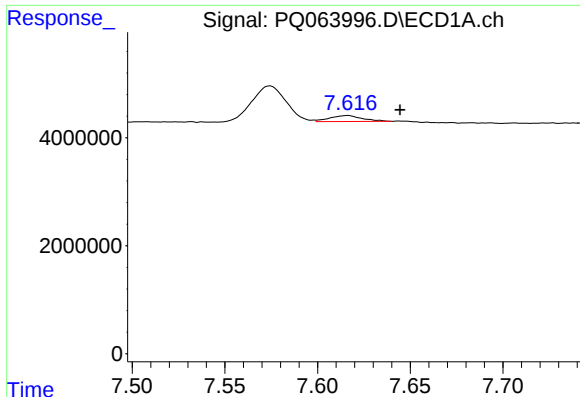
#38 AR-1262-3

R.T.: 7.574 min
Delta R.T.: 0.004 min
Response: 8472776
Conc: 27.37 ng/ml



#38 AR-1262-3

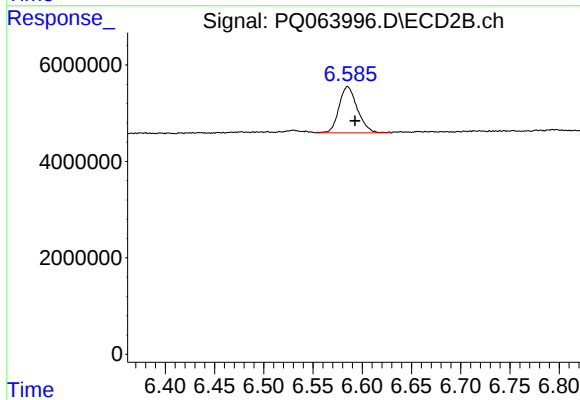
R.T.: 6.585 min
Delta R.T.: 0.054 min
Response: 12447594
Conc: 57.91 ng/ml



#39 AR-1262-4

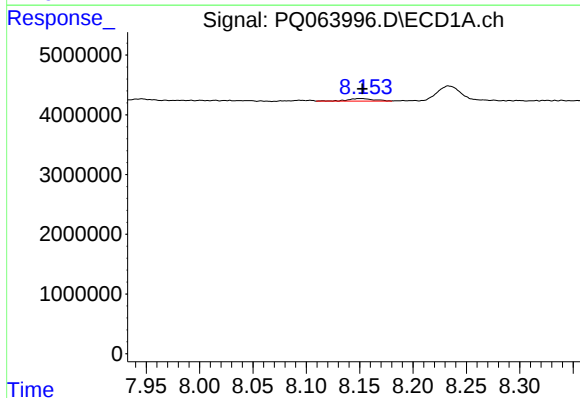
R.T.: 7.616 min
Delta R.T.: -0.028 min
Response: 1348157
Conc: 5.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



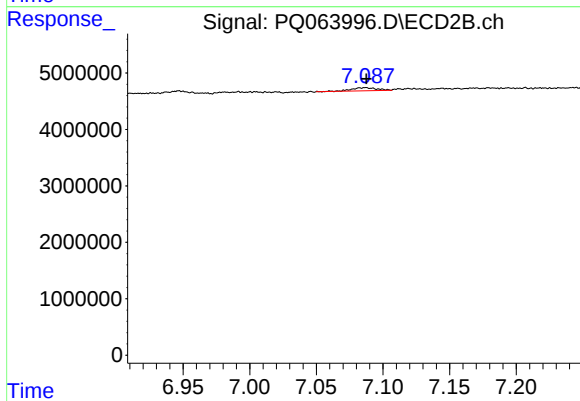
#39 AR-1262-4

R.T.: 6.585 min
Delta R.T.: -0.007 min
Response: 12447594
Conc: 31.24 ng/ml



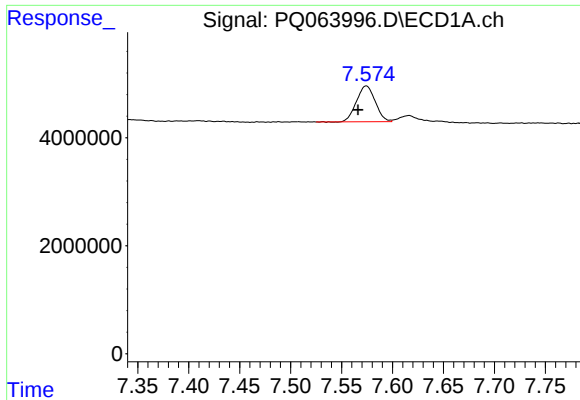
#40 AR-1262-5

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 703407
Conc: 4.48 ng/ml



#40 AR-1262-5

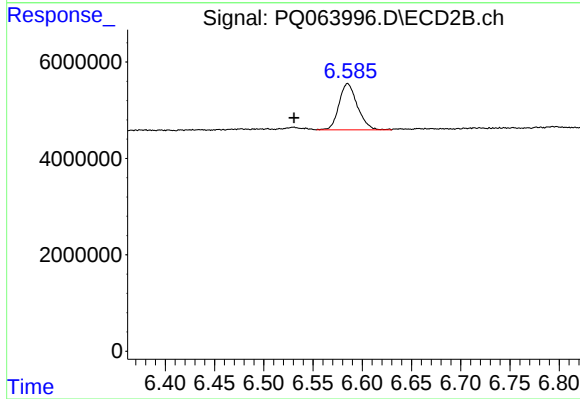
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 754008
Conc: 3.76 ng/ml



#41 AR-1268-1

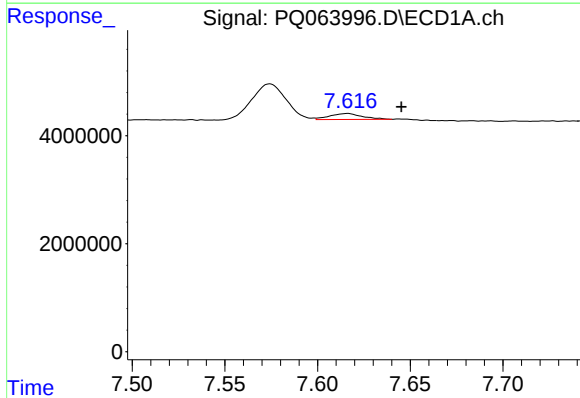
R.T.: 7.574 min
Delta R.T.: 0.008 min
Response: 8472776
Conc: 15.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



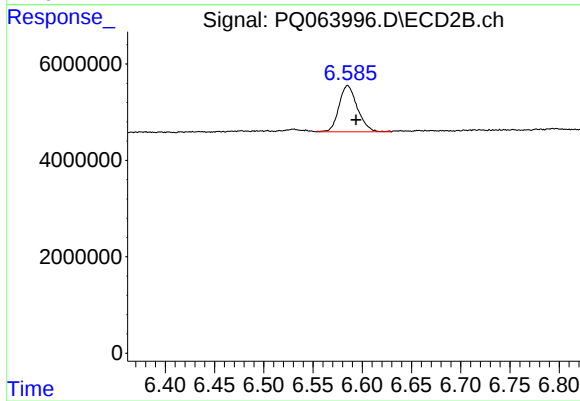
#41 AR-1268-1

R.T.: 6.585 min
Delta R.T.: 0.054 min
Response: 12447594
Conc: 20.30 ng/ml



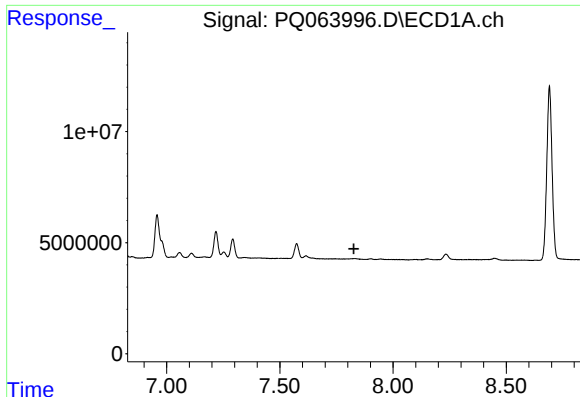
#42 AR-1268-2

R.T.: 7.616 min
Delta R.T.: -0.029 min
Response: 1348157
Conc: 2.78 ng/ml



#42 AR-1268-2

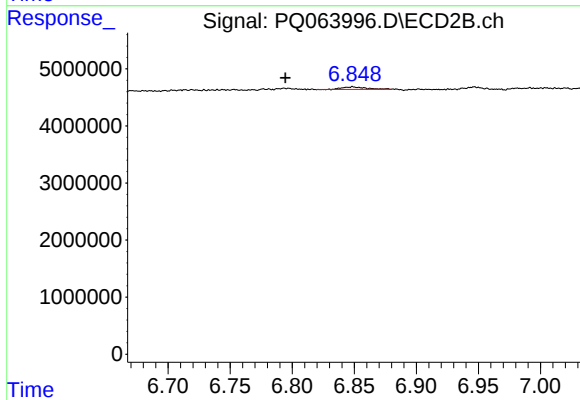
R.T.: 6.585 min
Delta R.T.: -0.008 min
Response: 12447594
Conc: 22.35 ng/ml



#43 AR-1268-3

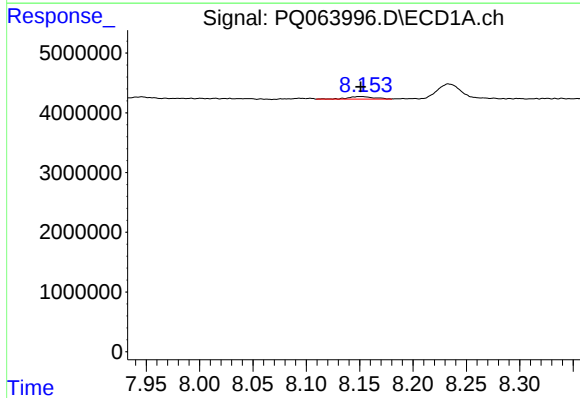
R.T.: 0.000 min
Exp R.T.: 7.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



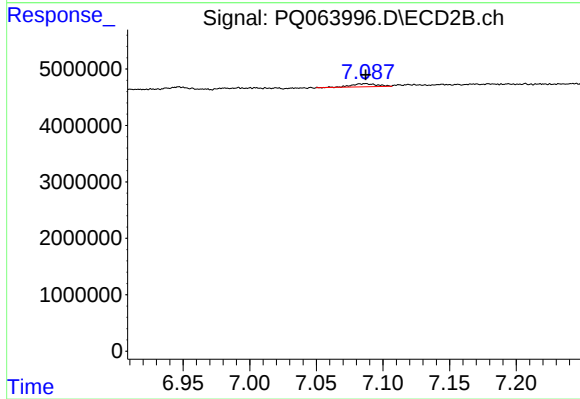
#43 AR-1268-3

R.T.: 6.849 min
Delta R.T.: 0.054 min
Response: 571621
Conc: 1.17 ng/ml



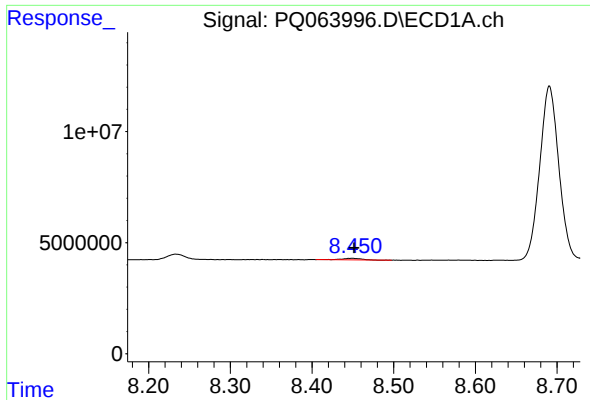
#44 AR-1268-4

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 703407
Conc: 4.05 ng/ml



#44 AR-1268-4

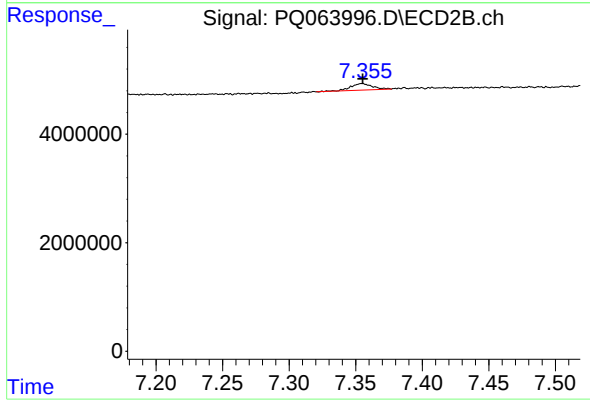
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 754008
Conc: 3.55 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 1190398
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 1381101
Conc: 0.76 ng/ml