

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 08:02
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 09:46:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.204	4.209	448.8E6	204.1E6	19.220	14.434
2)	SA Decachlor...	11.377	9.545	342.4E6	232.9E6	20.352	18.460
Target Compounds							
3)	L1 AR-1016-1	6.531	5.473	20031472	9030410	27.329	19.948 #
4)	L1 AR-1016-2	6.557	5.492	29311044	17055449	26.095	23.009
5)	L1 AR-1016-3	6.622	5.685	24148492	7003512	35.008	19.427 #
6)	L1 AR-1016-4	6.731	5.735	16732332	8010578	29.412	28.066
7)	L1 AR-1016-5	7.041	5.965	17409239	7577166	32.163	20.796 #
8)	L2 AR-1221-1	5.427f	4.465	1632422	896321	6.747	6.291
9)	L2 AR-1221-2	5.560	4.566	11085478	5123097	61.196	48.564
10)	L2 AR-1221-3	5.645	4.656	12695384	5369765	22.187	15.302 #
11)	L3 AR-1232-1	5.645	4.656	12695384	5369765	32.497	23.005 #
12)	L3 AR-1232-2	6.233	5.492	16568993	17055449	71.325	58.888
13)	L3 AR-1232-3	6.557	5.685	29311044	7003512	68.308	52.787
14)	L3 AR-1232-4	6.731	5.780	16732332	6958795	77.256	60.983
15)	L3 AR-1232-5	6.821	5.965	14165440	7577166	87.164	58.961 #
16)	L4 AR-1242-1	6.531	5.473	20031472	9030410	43.623	33.213
17)	L4 AR-1242-2	6.557	5.492	29311044	17055449	41.588	36.237
18)	L4 AR-1242-3	6.622	5.685	24148492	7003512	55.469	31.745 #
19)	L4 AR-1242-4	6.731	5.780	16732332	6958795	46.534	32.166 #
20)	L4 AR-1242-5	7.512	6.345	17082272	9916553	46.401	33.428 #
21)	L5 AR-1248-1	6.531	5.473	20031472	9030410	53.997	40.025 #
22)	L5 AR-1248-2	6.821	5.735	14165440	8010578	27.044	24.407
23)	L5 AR-1248-3	7.041	5.780	17409239	6958795	29.335	21.043 #
24)	L5 AR-1248-4	7.471	5.965	15457009	7577166	23.269	19.092
25)	L5 AR-1248-5	7.512	6.388	17082272	8496588	26.236	21.318
26)	L6 AR-1254-1	7.440	6.345	12413798	9916553	17.564	14.829
27)	L6 AR-1254-2	7.677	6.504	13093142	3136964	11.957	5.102 #
28)	L6 AR-1254-3	8.050	6.924	5338511	3559219	4.539	3.686
29)	L6 AR-1254-4	8.346	7.164	4866464	3116502	5.522	4.676
30)	L6 AR-1254-5	0.000	7.594	0	1258158	N.D.	1.290 #
31)	L7 AR-1260-1	0.000	7.070	0	2878695	N.D.	3.840 #
32)	L7 AR-1260-2	8.490	7.253	2861680	530977	2.520	0.508 #
33)	L7 AR-1260-3	0.000	7.411	0	2335933	N.D.	2.684 #
36)	L8 AR-1262-1	0.000	7.594	0	1258158	N.D.	2.784 #
38)	L8 AR-1262-3	0.000	8.453f	0	130923	N.D.	0.171 #
39)	L8 AR-1262-4	0.000	8.486	0	128378	N.D.	0.103 #
40)	L8 AR-1262-5	0.000	9.002	0	945121	N.D.	1.638 #
41)	L9 AR-1268-1	0.000	8.453f	0	130923	N.D.	0.058 #
42)	L9 AR-1268-2	0.000	8.486	0	128378	N.D.	0.069 #
43)	L9 AR-1268-3	0.000	8.702	0	1260102	N.D.	0.754 #
44)	L9 AR-1268-4	0.000	9.002	0	945121	N.D.	1.449 #

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 Sample : M2940-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 09:46:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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
45) L9	AR-1268-5	11.019	9.288	2547141	2076067	0.467	0.441

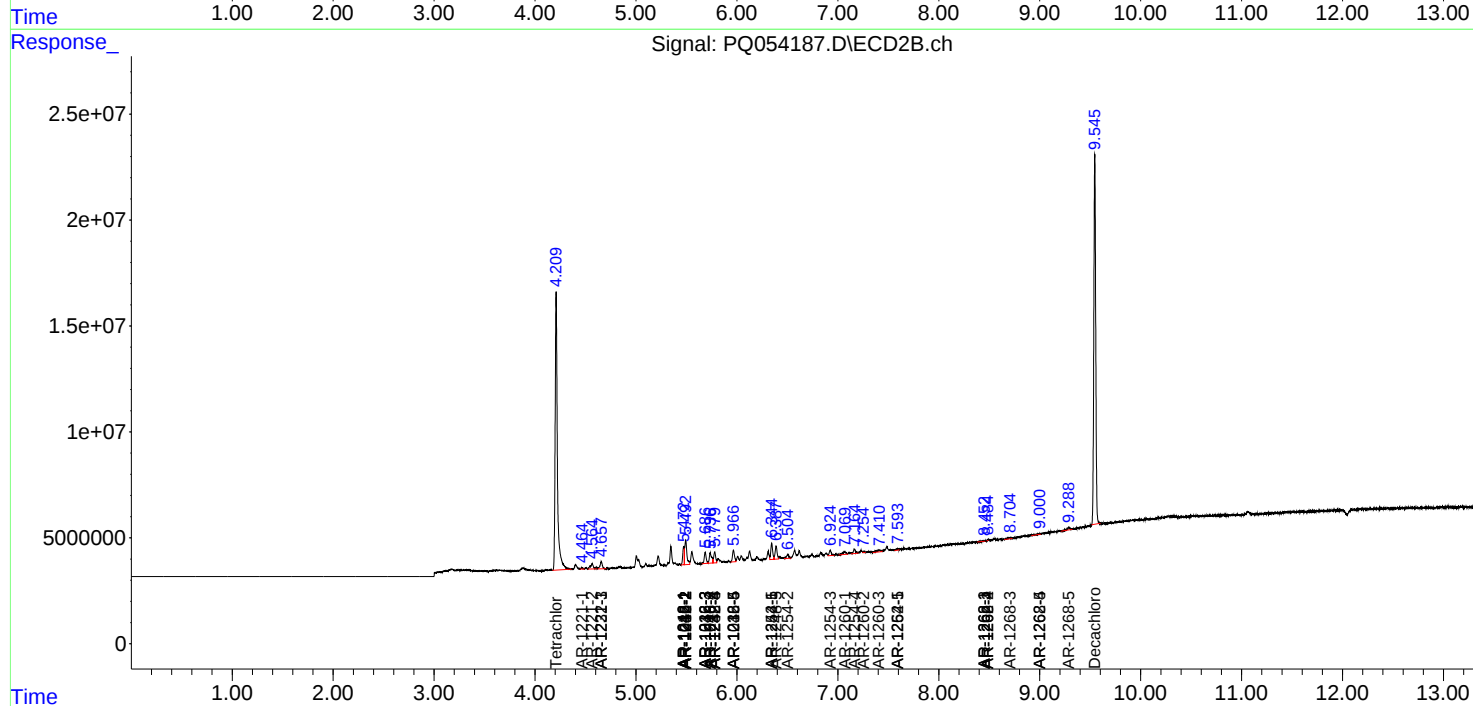
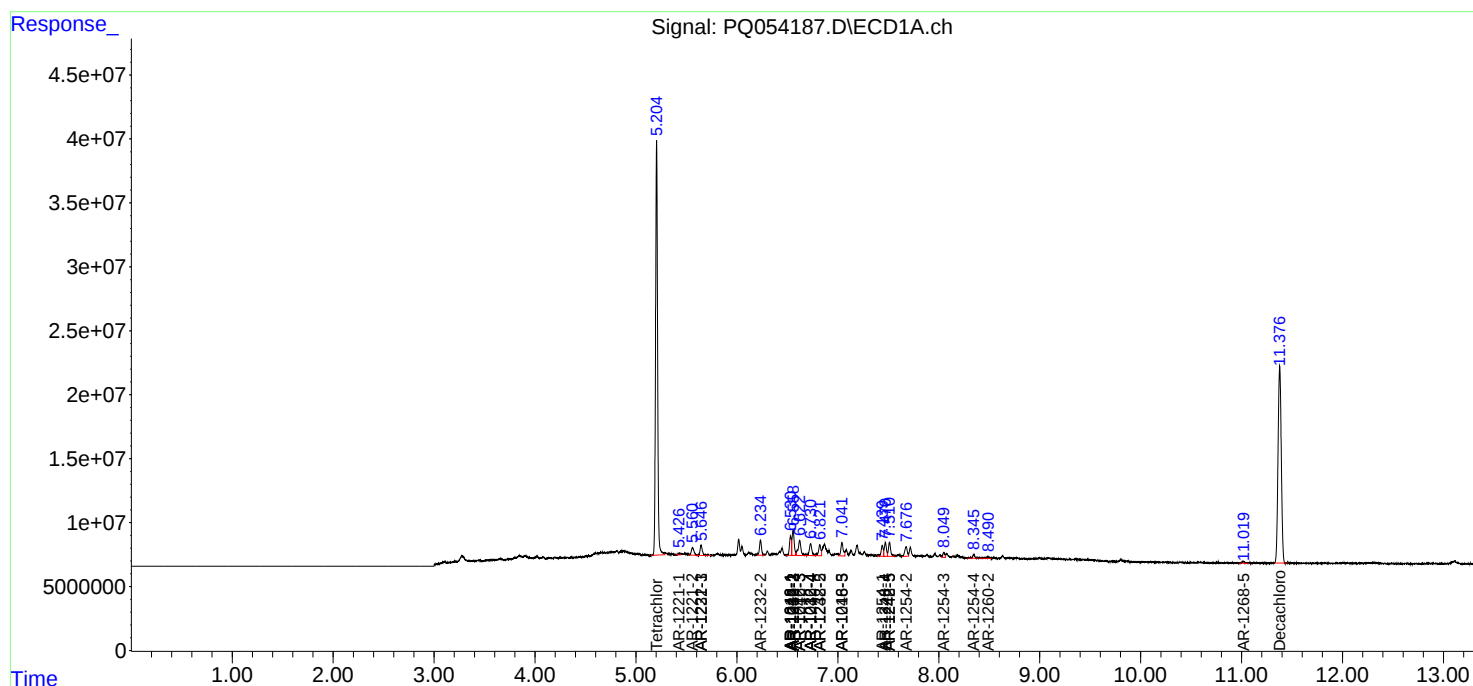
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

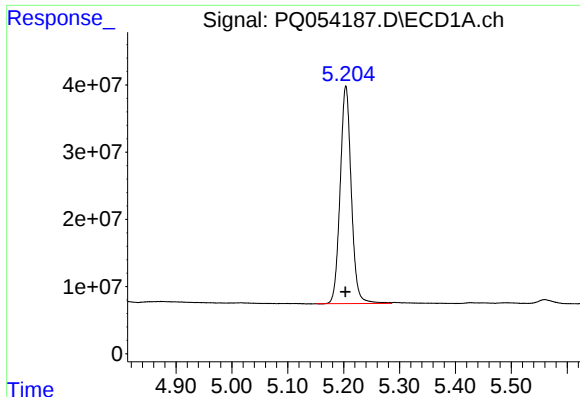
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 08:02
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Sample : M2940-07
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

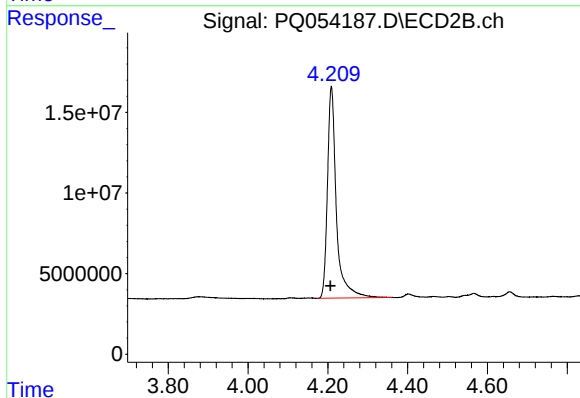




#1 Tetrachloro-m-xylene

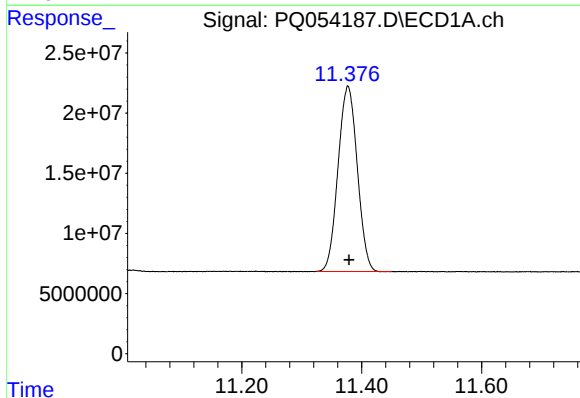
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 448832738
Conc: 19.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



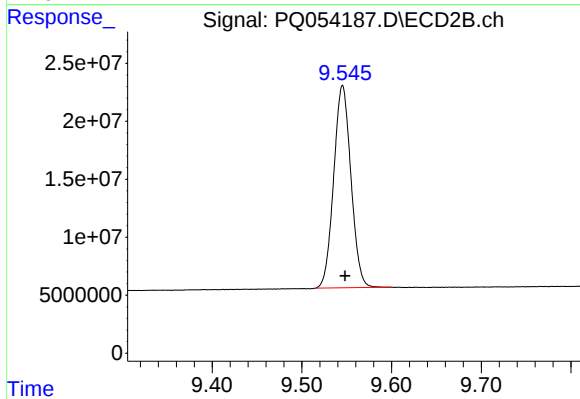
#1 Tetrachloro-m-xylene

R.T.: 4.209 min
Delta R.T.: 0.003 min
Response: 204059973
Conc: 14.43 ng/ml



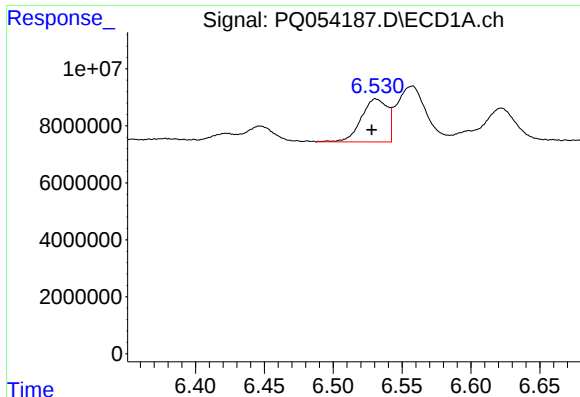
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 342442853
Conc: 20.35 ng/ml



#2 Decachlorobiphenyl

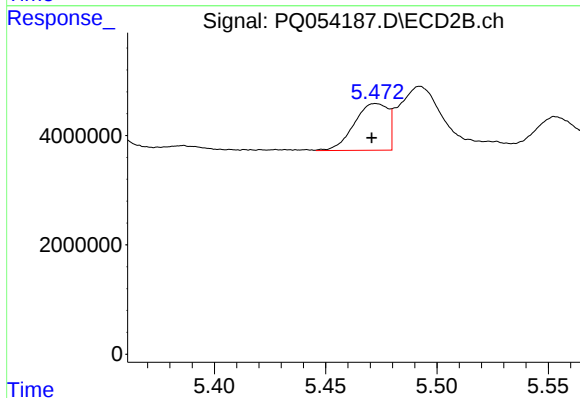
R.T.: 9.545 min
Delta R.T.: -0.003 min
Response: 232860380
Conc: 18.46 ng/ml



#3 AR-1016-1

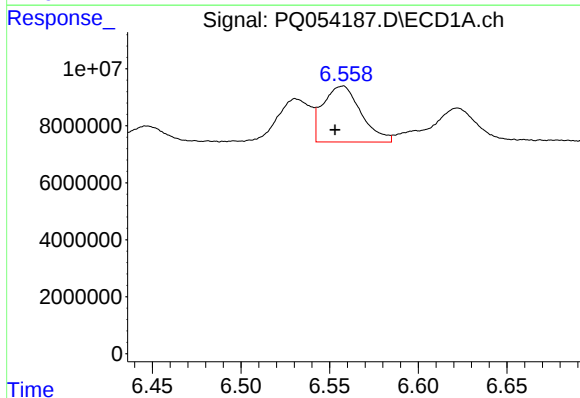
R.T.: 6.531 min
Delta R.T.: 0.003 min
Response: 20031472
Conc: 27.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



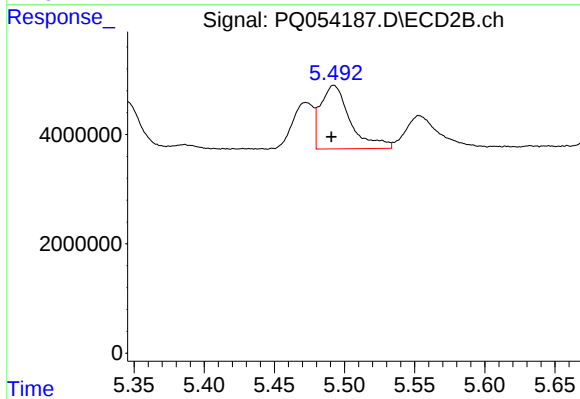
#3 AR-1016-1

R.T.: 5.473 min
Delta R.T.: 0.002 min
Response: 9030410
Conc: 19.95 ng/ml



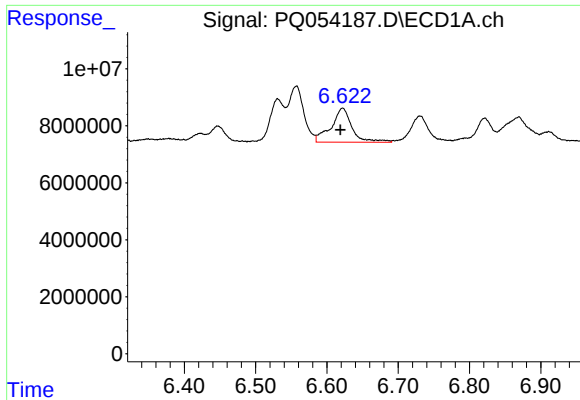
#4 AR-1016-2

R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 29311044
Conc: 26.09 ng/ml



#4 AR-1016-2

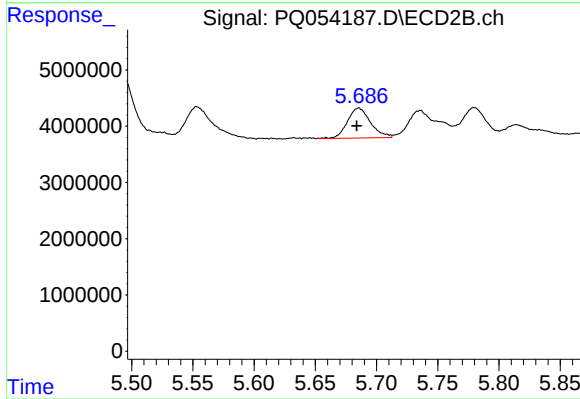
R.T.: 5.492 min
Delta R.T.: 0.002 min
Response: 17055449
Conc: 23.01 ng/ml



#5 AR-1016-3

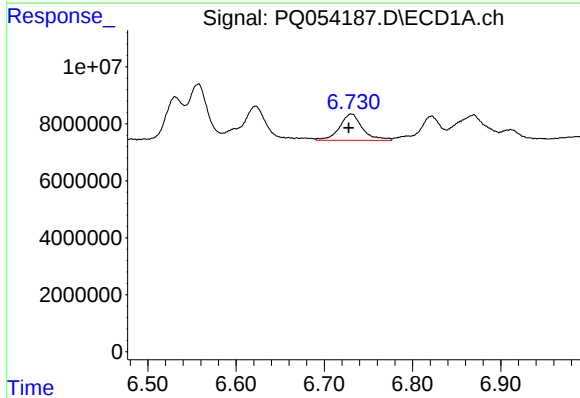
R.T.: 6.622 min
Delta R.T.: 0.003 min
Response: 24148492
Conc: 35.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



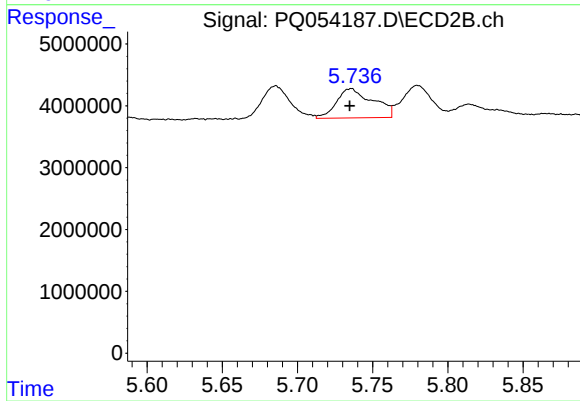
#5 AR-1016-3

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 7003512
Conc: 19.43 ng/ml



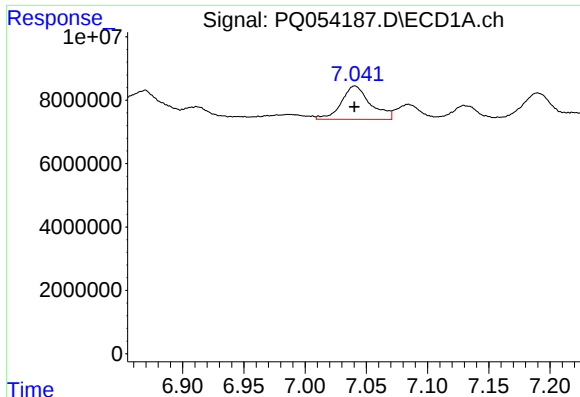
#6 AR-1016-4

R.T.: 6.731 min
Delta R.T.: 0.003 min
Response: 16732332
Conc: 29.41 ng/ml



#6 AR-1016-4

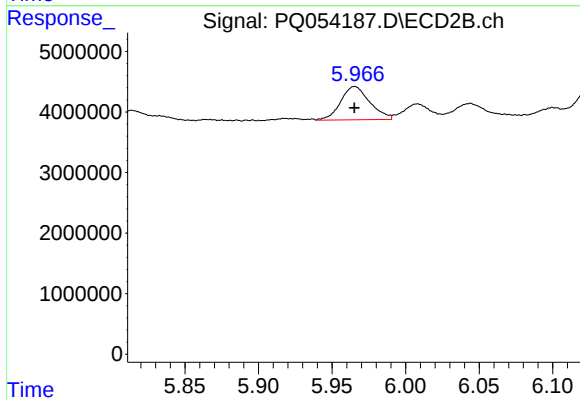
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 8010578
Conc: 28.07 ng/ml



#7 AR-1016-5

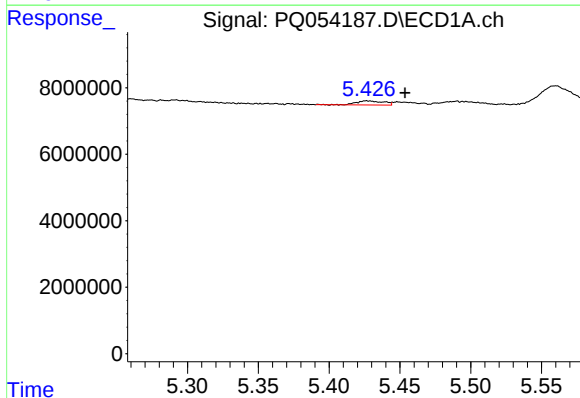
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 17409239
Conc: 32.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



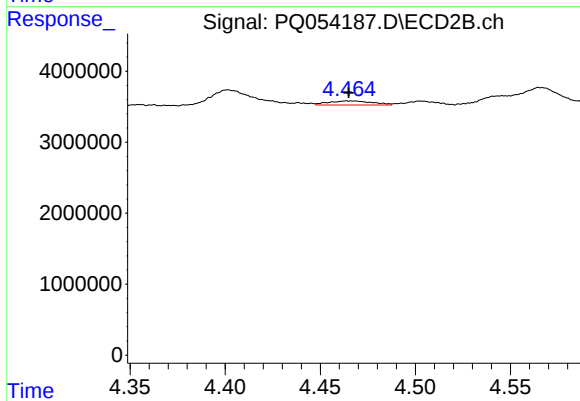
#7 AR-1016-5

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 7577166
Conc: 20.80 ng/ml



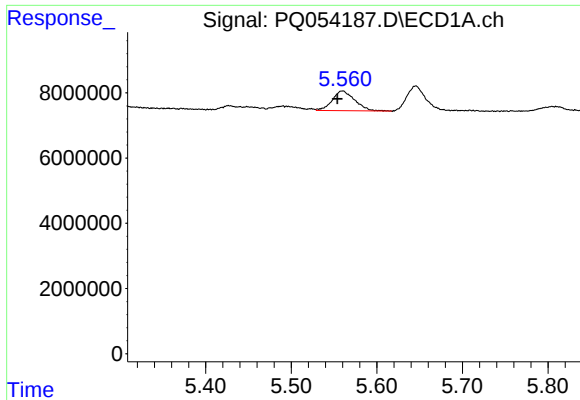
#8 AR-1221-1

R.T.: 5.427 min
Delta R.T.: -0.026 min
Response: 1632422
Conc: 6.75 ng/ml



#8 AR-1221-1

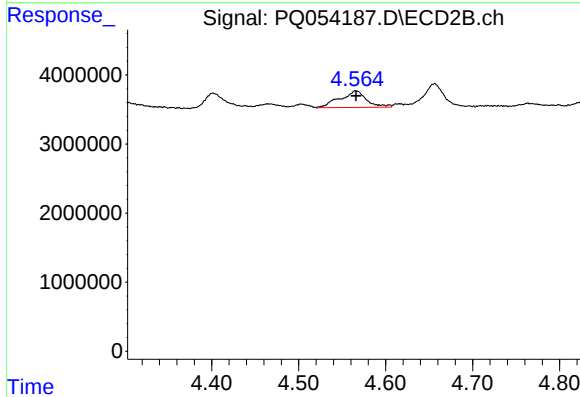
R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 896321
Conc: 6.29 ng/ml



#9 AR-1221-2

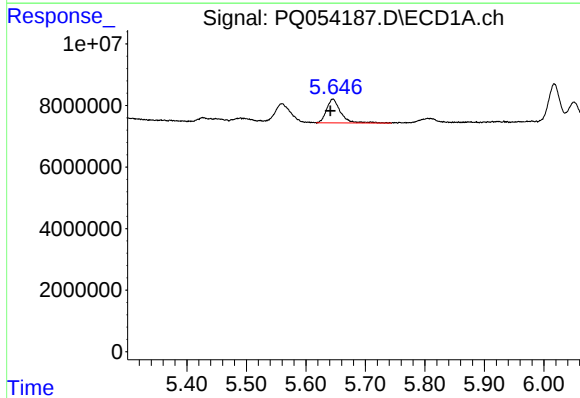
R.T.: 5.560 min
Delta R.T.: 0.006 min
Response: 11085478
Conc: 61.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



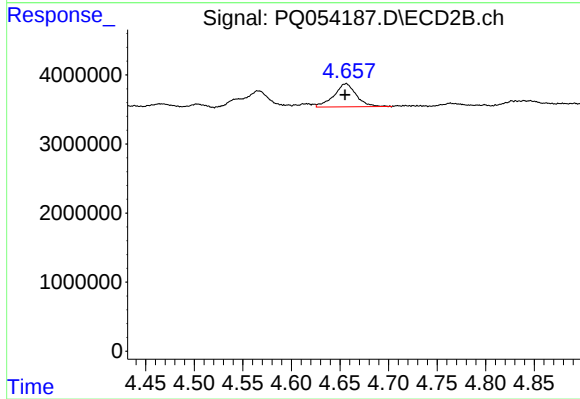
#9 AR-1221-2

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 5123097
Conc: 48.56 ng/ml



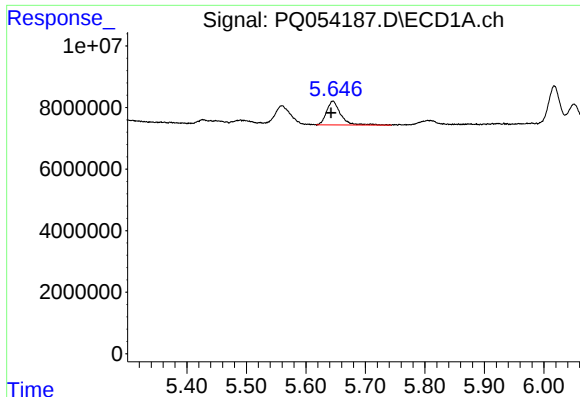
#10 AR-1221-3

R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 12695384
Conc: 22.19 ng/ml



#10 AR-1221-3

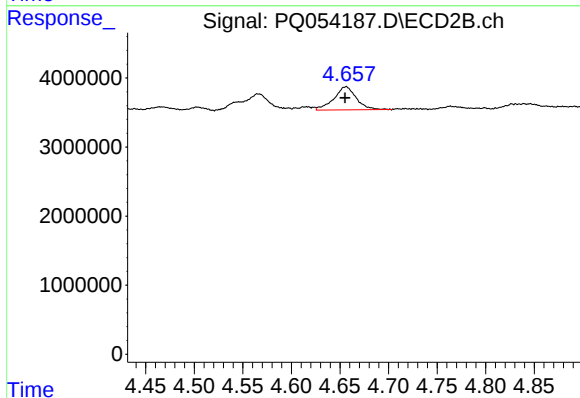
R.T.: 4.656 min
Delta R.T.: 0.001 min
Response: 5369765
Conc: 15.30 ng/ml



#11 AR-1232-1

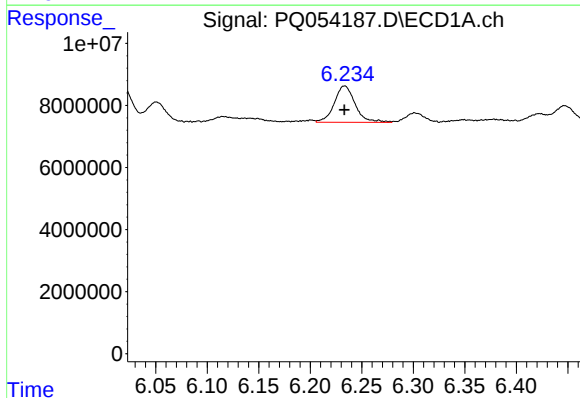
R.T.: 5.645 min
Delta R.T.: 0.003 min
Response: 12695384
Conc: 32.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



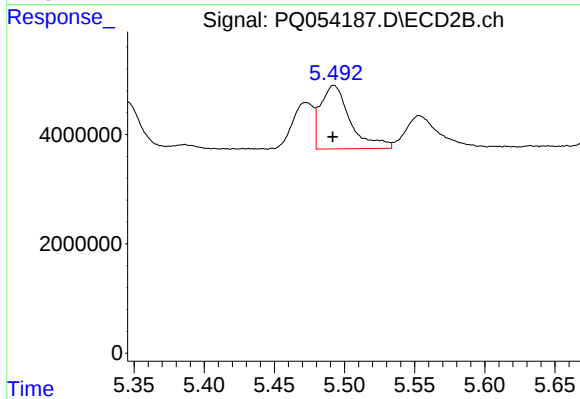
#11 AR-1232-1

R.T.: 4.656 min
Delta R.T.: 0.001 min
Response: 5369765
Conc: 23.01 ng/ml



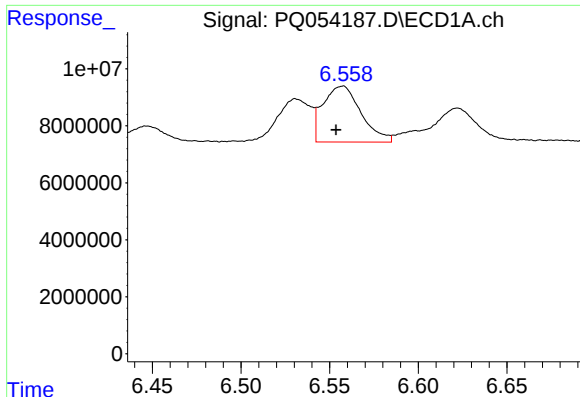
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 16568993
Conc: 71.33 ng/ml



#12 AR-1232-2

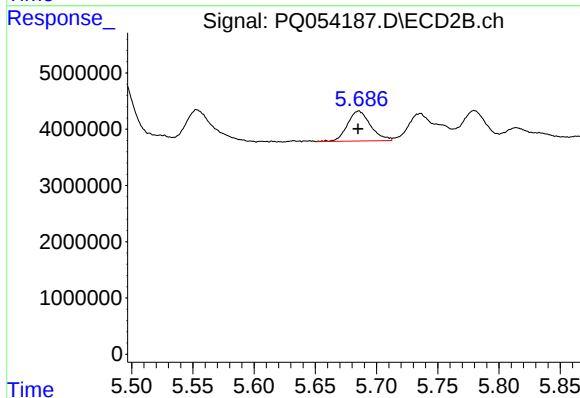
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 17055449
Conc: 58.89 ng/ml



#13 AR-1232-3

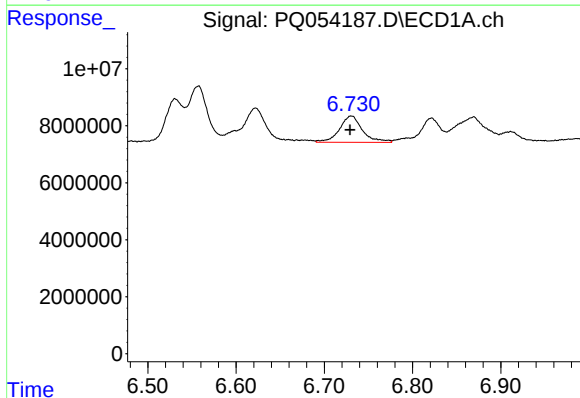
R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 29311044
Conc: 68.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



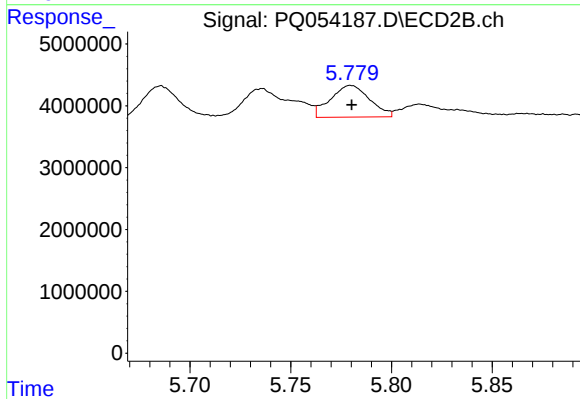
#13 AR-1232-3

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 7003512
Conc: 52.79 ng/ml



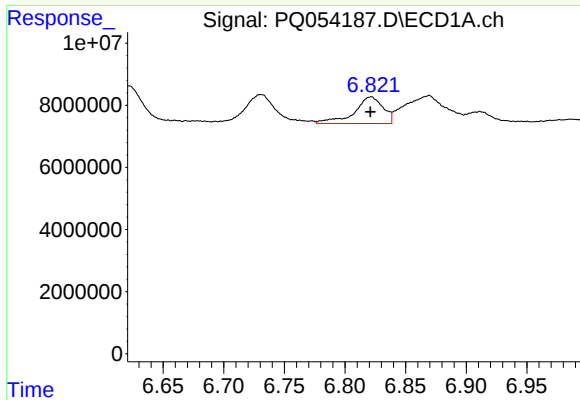
#14 AR-1232-4

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 16732332
Conc: 77.26 ng/ml



#14 AR-1232-4

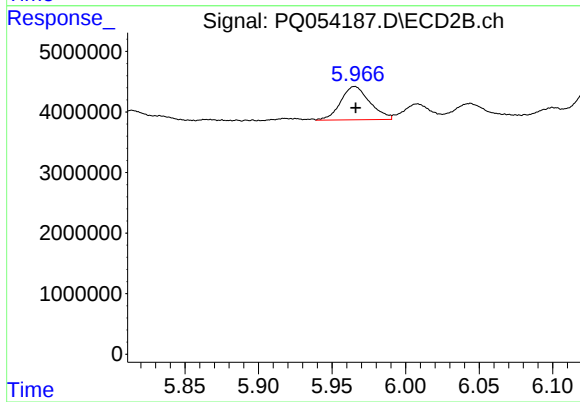
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6958795
Conc: 60.98 ng/ml



#15 AR-1232-5

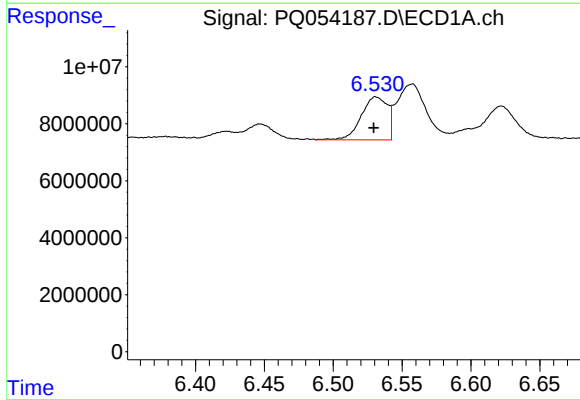
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 14165440
Conc: 87.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



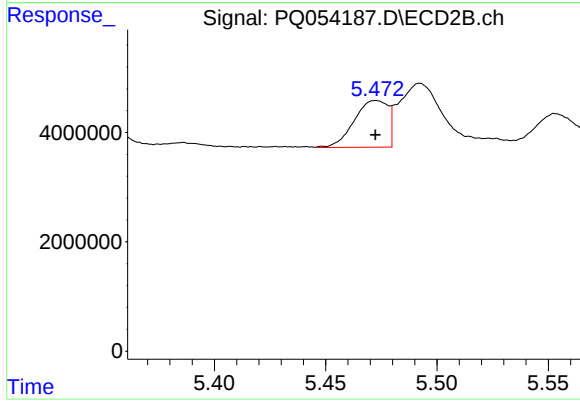
#15 AR-1232-5

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 7577166
Conc: 58.96 ng/ml



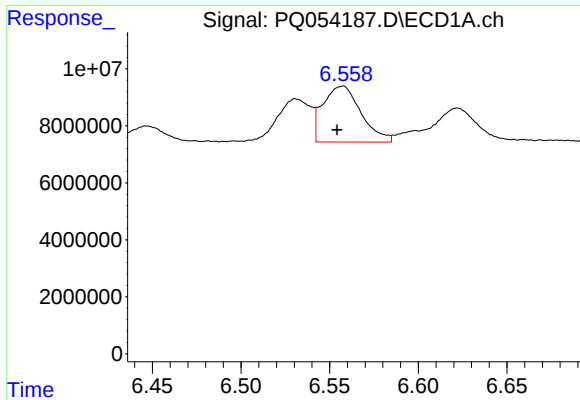
#16 AR-1242-1

R.T.: 6.531 min
Delta R.T.: 0.002 min
Response: 20031472
Conc: 43.62 ng/ml



#16 AR-1242-1

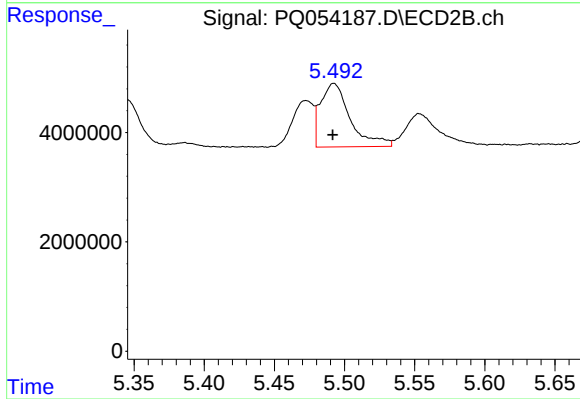
R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 9030410
Conc: 33.21 ng/ml



#17 AR-1242-2

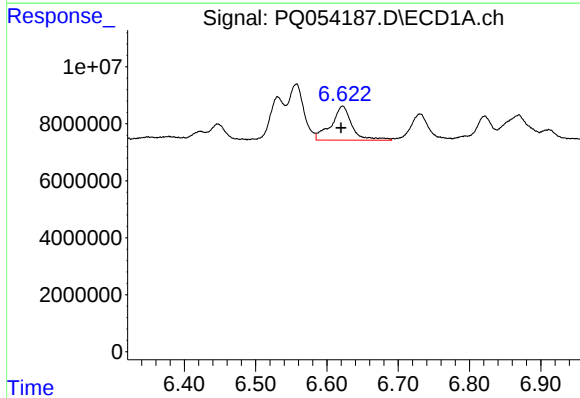
R.T.: 6.557 min
Delta R.T.: 0.003 min
Response: 29311044
Conc: 41.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



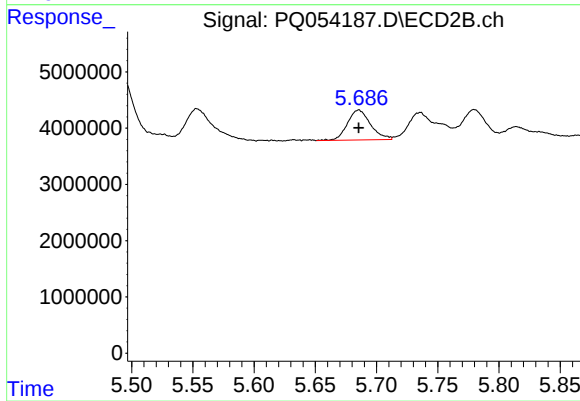
#17 AR-1242-2

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 17055449
Conc: 36.24 ng/ml



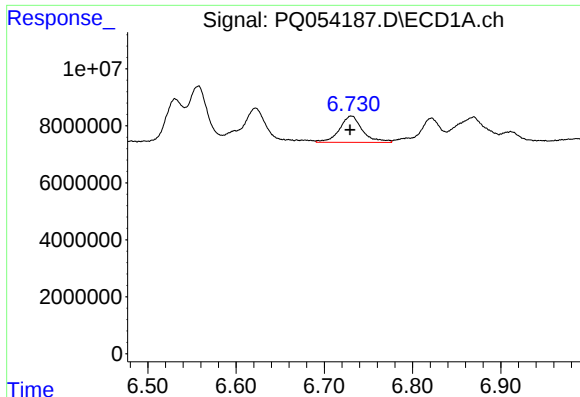
#18 AR-1242-3

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 24148492
Conc: 55.47 ng/ml



#18 AR-1242-3

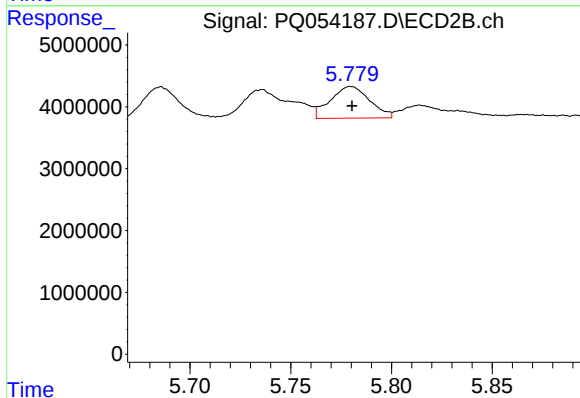
R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 7003512
Conc: 31.74 ng/ml



#19 AR-1242-4

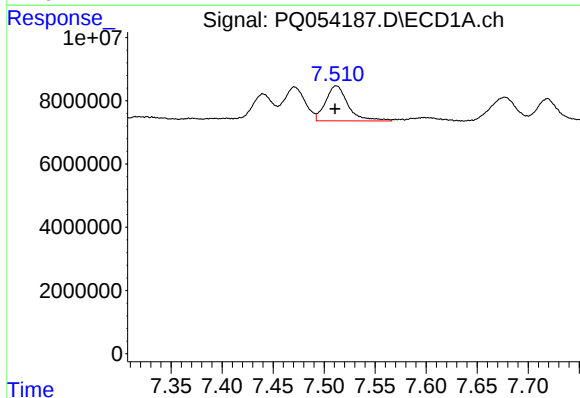
R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 16732332
Conc: 46.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



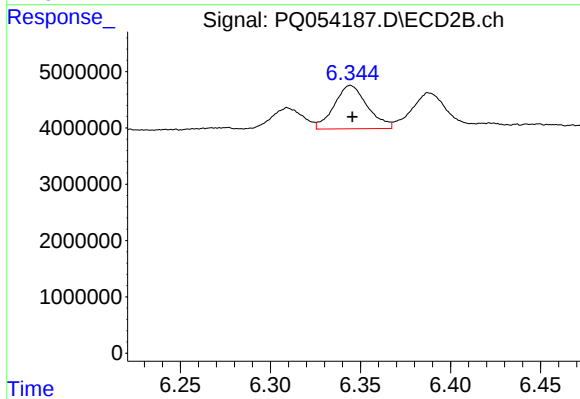
#19 AR-1242-4

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6958795
Conc: 32.17 ng/ml



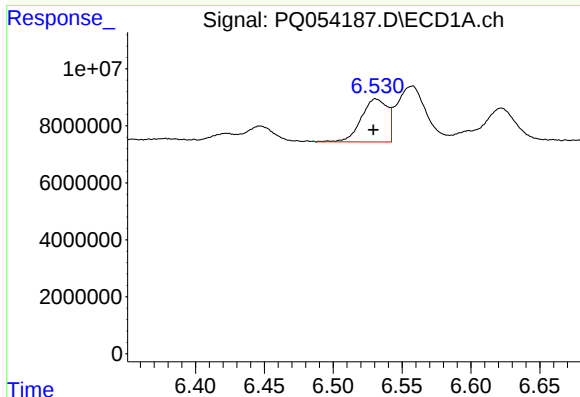
#20 AR-1242-5

R.T.: 7.512 min
Delta R.T.: 0.001 min
Response: 17082272
Conc: 46.40 ng/ml



#20 AR-1242-5

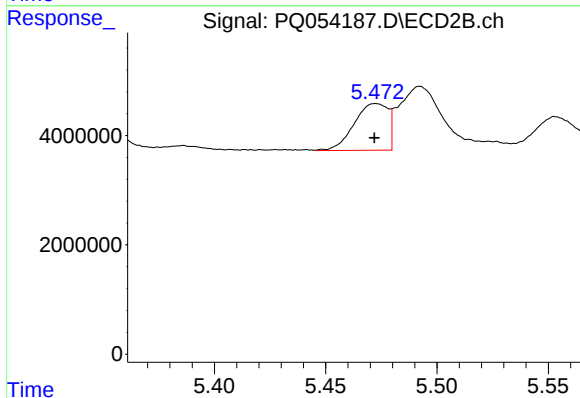
R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 9916553
Conc: 33.43 ng/ml



#21 AR-1248-1

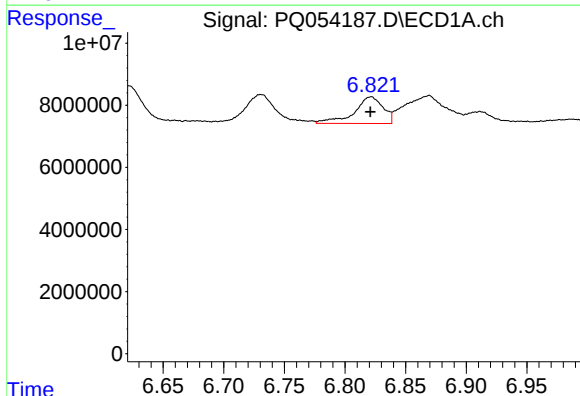
R.T.: 6.531 min
Delta R.T.: 0.002 min
Response: 20031472
Conc: 54.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



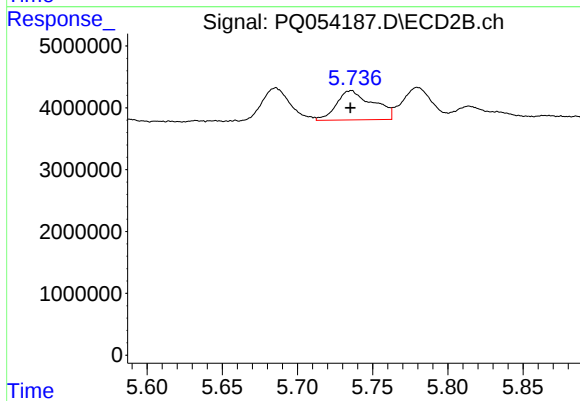
#21 AR-1248-1

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 9030410
Conc: 40.03 ng/ml



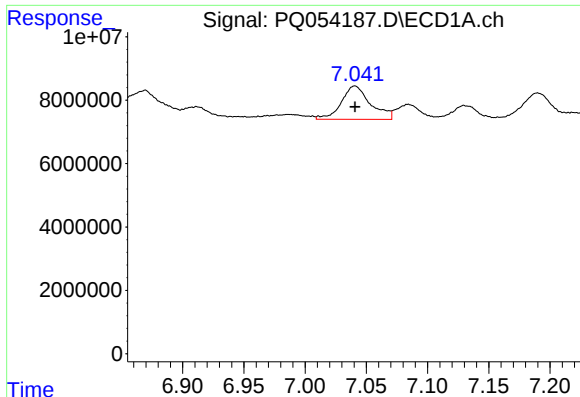
#22 AR-1248-2

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 14165440
Conc: 27.04 ng/ml



#22 AR-1248-2

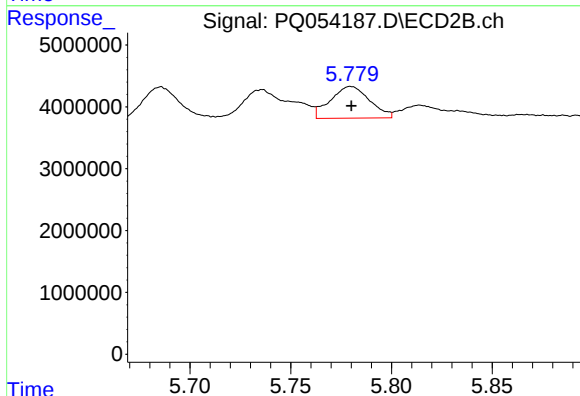
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 8010578
Conc: 24.41 ng/ml



#23 AR-1248-3

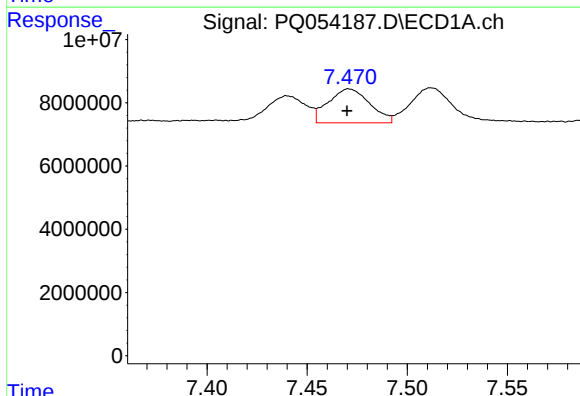
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 17409239
Conc: 29.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



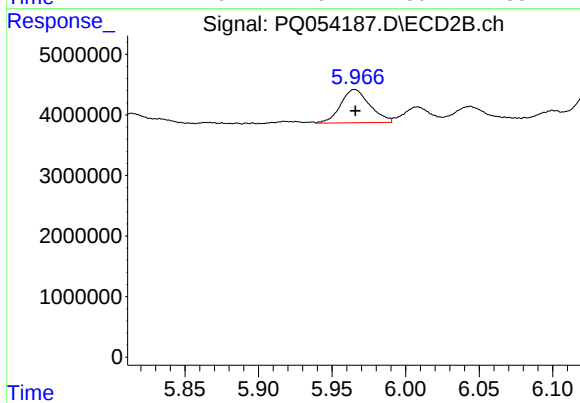
#23 AR-1248-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6958795
Conc: 21.04 ng/ml



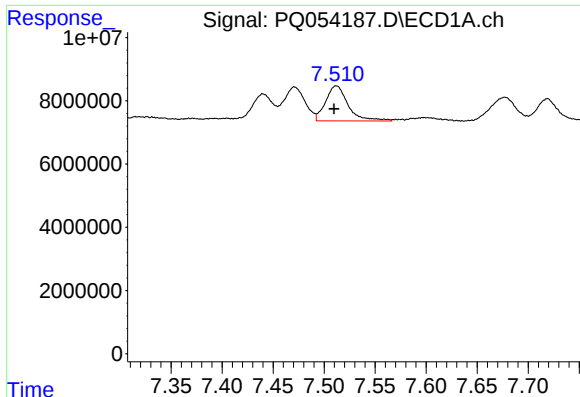
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 15457009
Conc: 23.27 ng/ml



#24 AR-1248-4

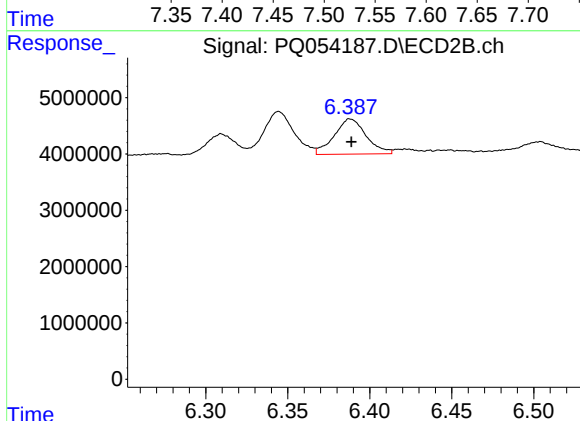
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 7577166
Conc: 19.09 ng/ml



#25 AR-1248-5

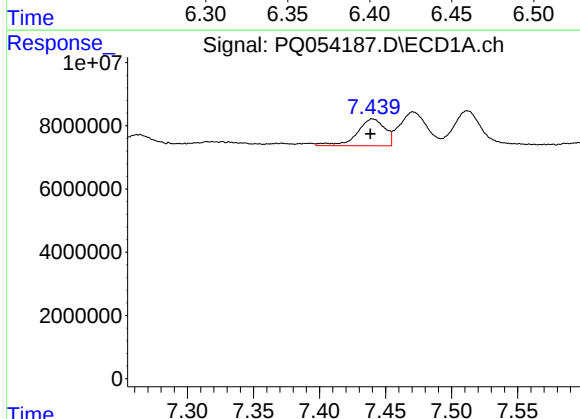
R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 17082272
Conc: 26.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



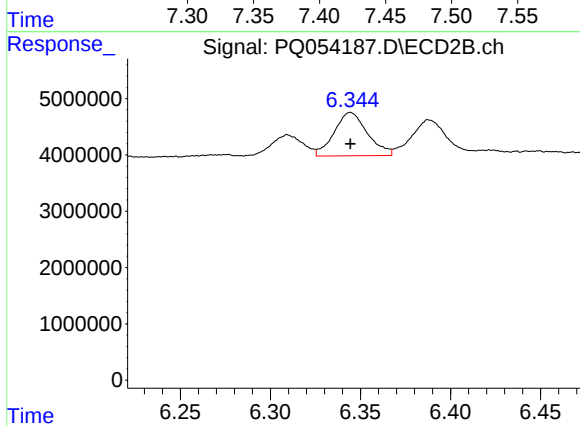
#25 AR-1248-5

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 8496588
Conc: 21.32 ng/ml



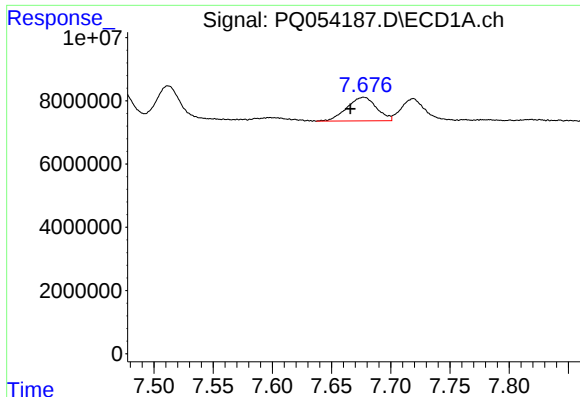
#26 AR-1254-1

R.T.: 7.440 min
Delta R.T.: 0.002 min
Response: 12413798
Conc: 17.56 ng/ml



#26 AR-1254-1

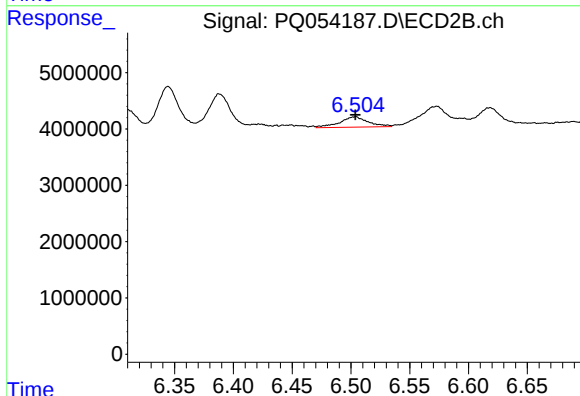
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 9916553
Conc: 14.83 ng/ml



#27 AR-1254-2

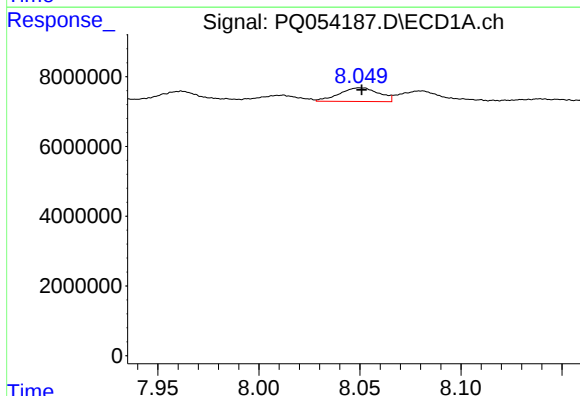
R.T.: 7.677 min
Delta R.T.: 0.011 min
Response: 13093142
Conc: 11.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



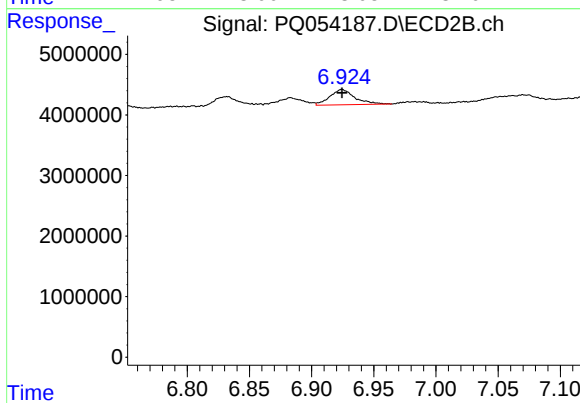
#27 AR-1254-2

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 3136964
Conc: 5.10 ng/ml



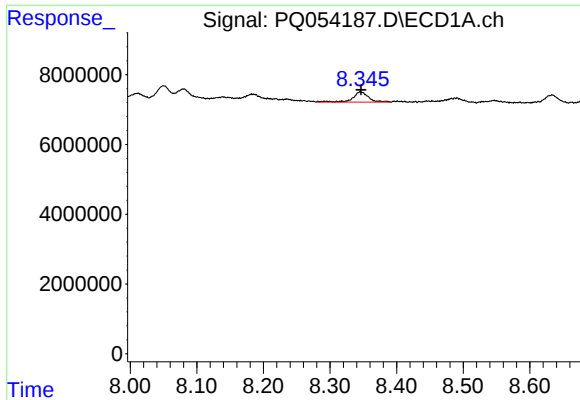
#28 AR-1254-3

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 5338511
Conc: 4.54 ng/ml



#28 AR-1254-3

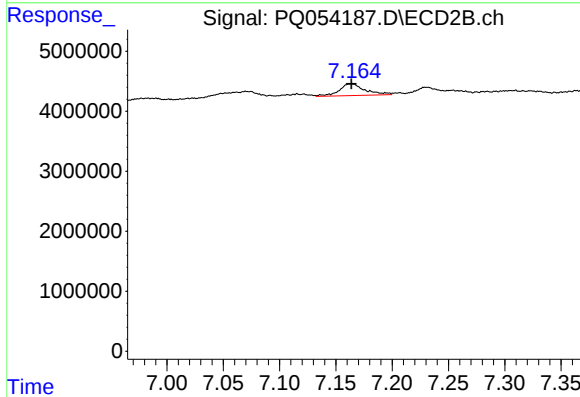
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 3559219
Conc: 3.69 ng/ml



#29 AR-1254-4

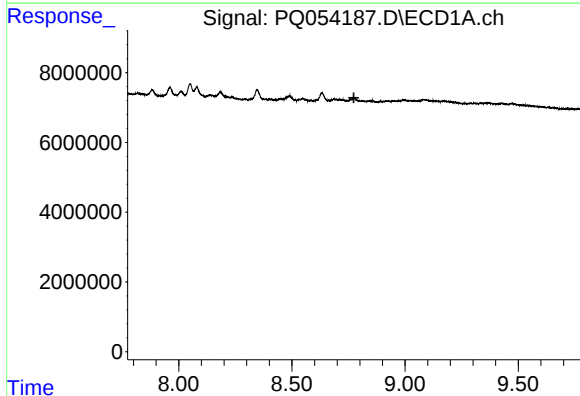
R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 4866464
Conc: 5.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



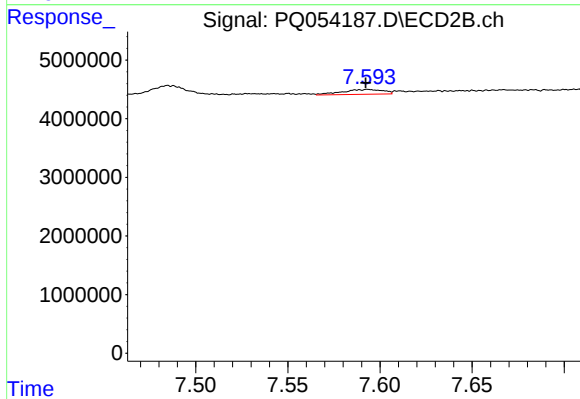
#29 AR-1254-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 3116502
Conc: 4.68 ng/ml



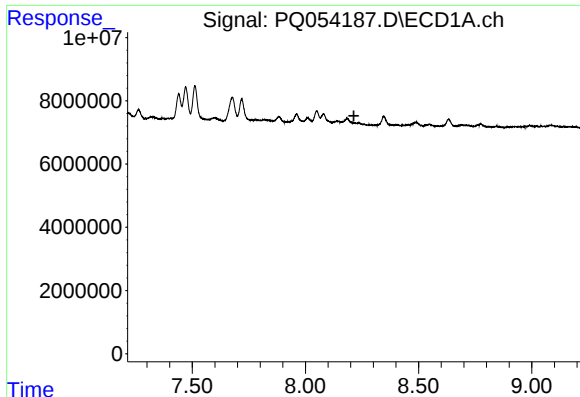
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



#30 AR-1254-5

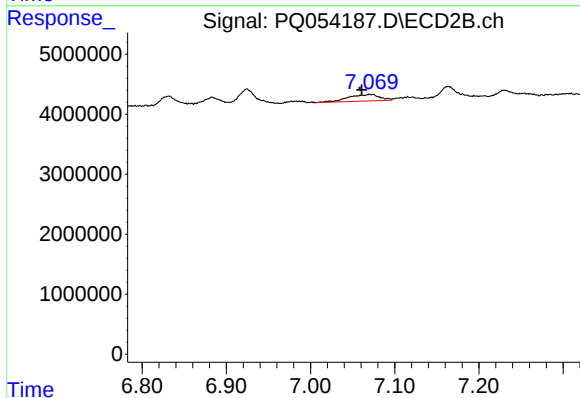
R.T.: 7.594 min
Delta R.T.: 0.001 min
Response: 1258158
Conc: 1.29 ng/ml



#31 AR-1260-1

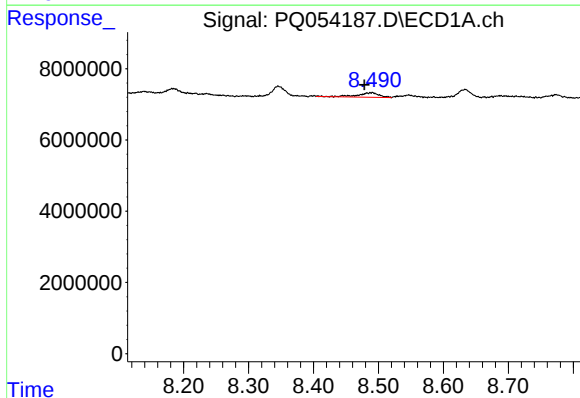
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



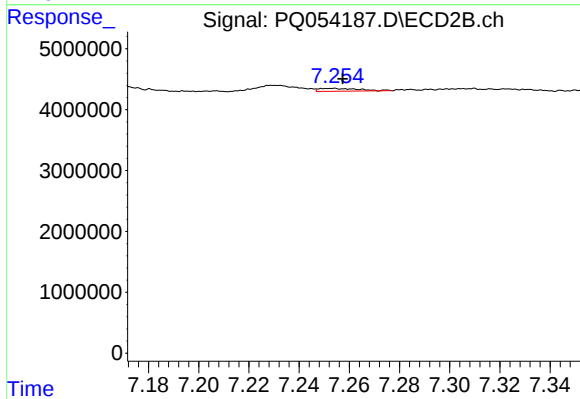
#31 AR-1260-1

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 2878695
Conc: 3.84 ng/ml



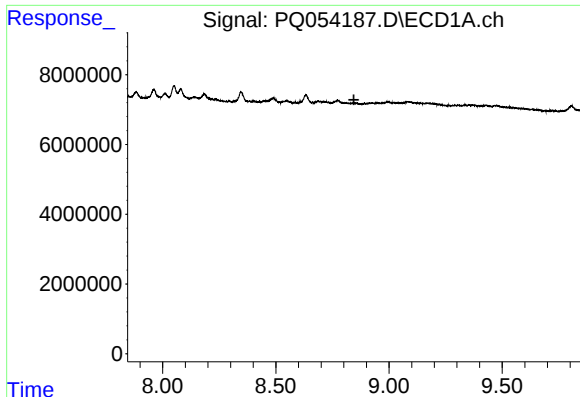
#32 AR-1260-2

R.T.: 8.490 min
Delta R.T.: 0.012 min
Response: 2861680
Conc: 2.52 ng/ml



#32 AR-1260-2

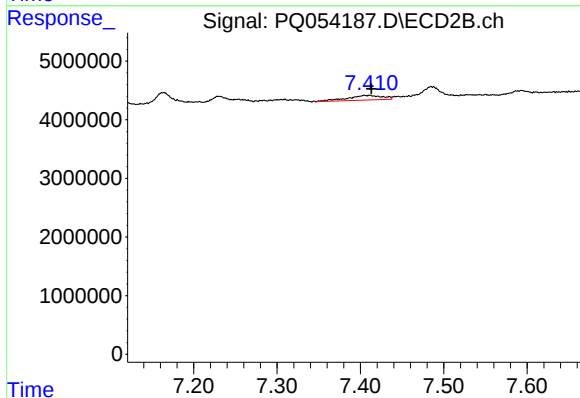
R.T.: 7.253 min
Delta R.T.: -0.004 min
Response: 530977
Conc: 0.51 ng/ml



#33 AR-1260-3

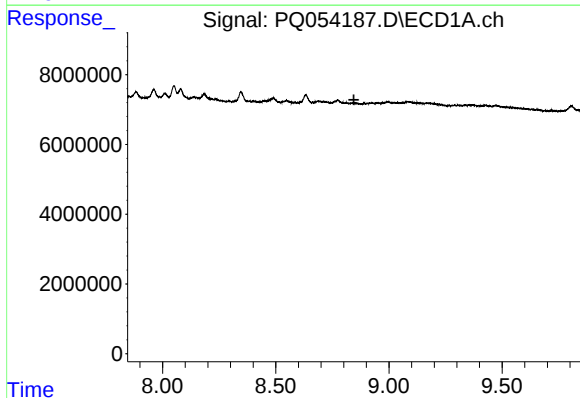
R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



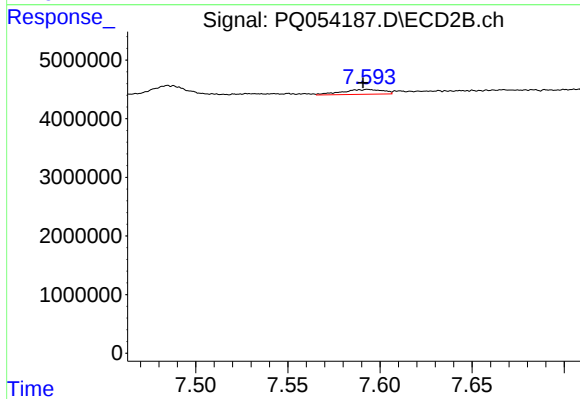
#33 AR-1260-3

R.T.: 7.411 min
Delta R.T.: -0.002 min
Response: 2335933
Conc: 2.68 ng/ml



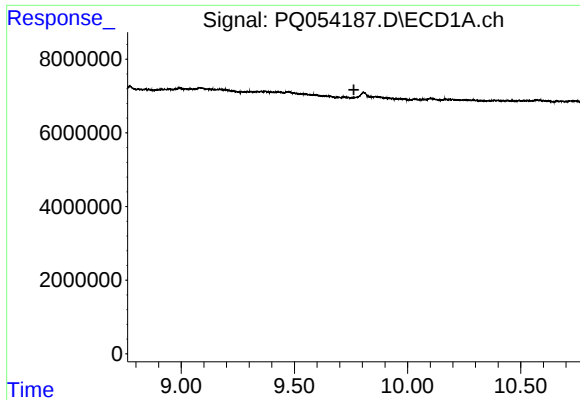
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#36 AR-1262-1

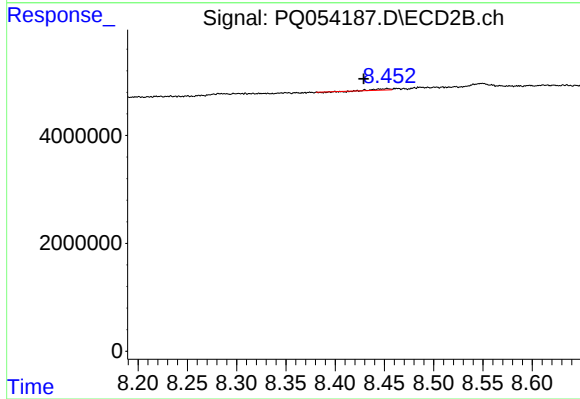
R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 1258158
Conc: 2.78 ng/ml



#38 AR-1262-3

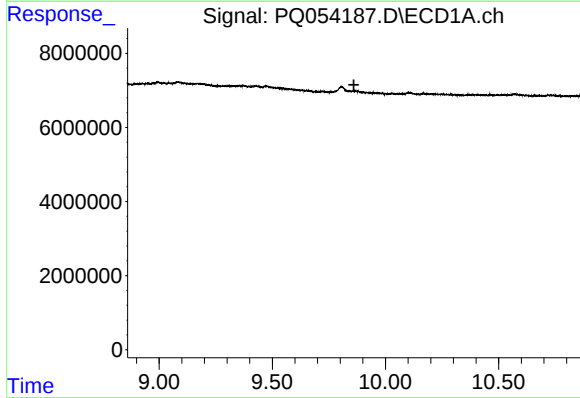
R.T.: 0.000 min
Exp R.T.: 9.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



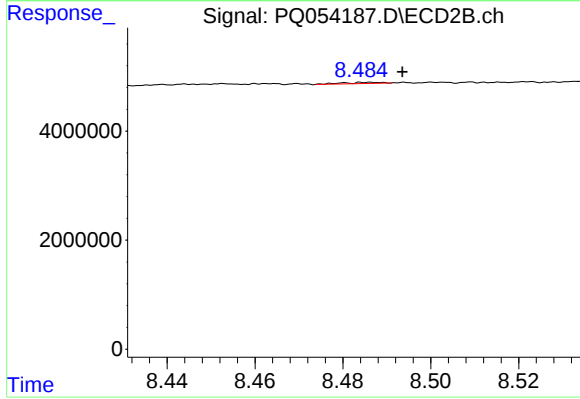
#38 AR-1262-3

R.T.: 8.453 min
Delta R.T.: 0.024 min
Response: 130923
Conc: 0.17 ng/ml



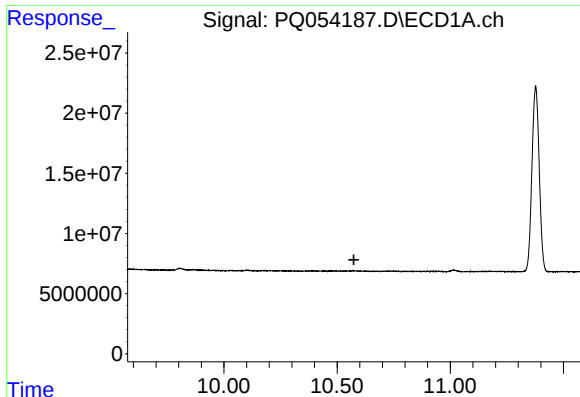
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.861 min
Response: 0
Conc: N.D.



#39 AR-1262-4

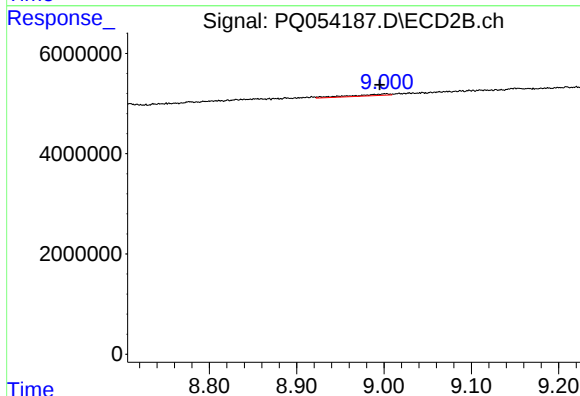
R.T.: 8.486 min
Delta R.T.: -0.007 min
Response: 128378
Conc: 0.10 ng/ml



#40 AR-1262-5

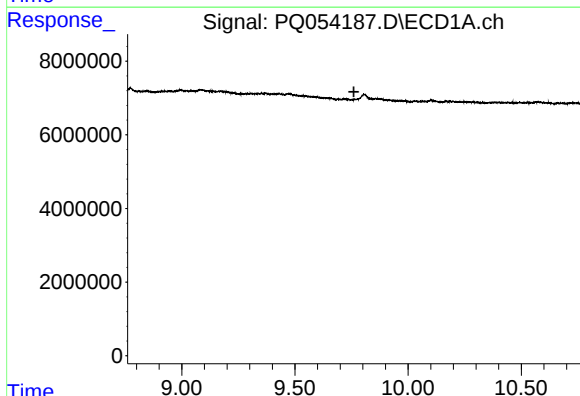
R.T.: 0.000 min
Exp R.T. : 10.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



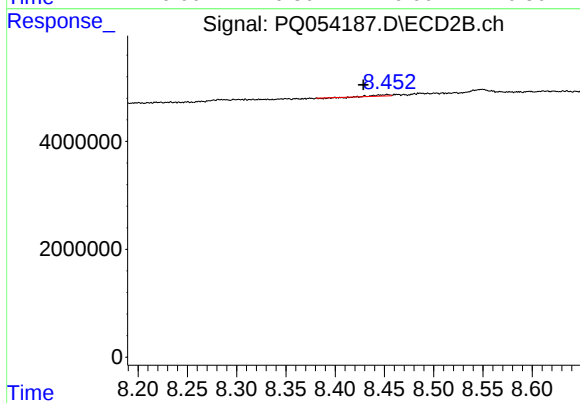
#40 AR-1262-5

R.T.: 9.002 min
Delta R.T.: 0.007 min
Response: 945121
Conc: 1.64 ng/ml



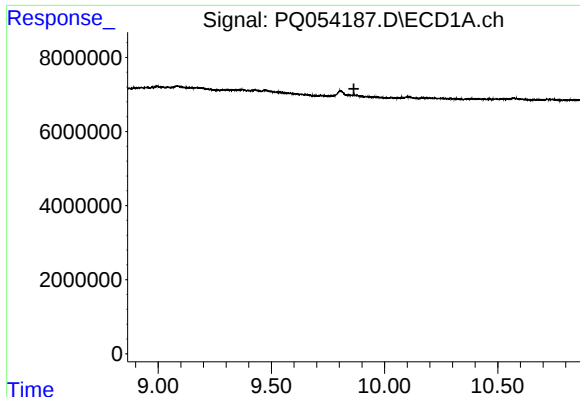
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.760 min
Response: 0
Conc: N.D.



#41 AR-1268-1

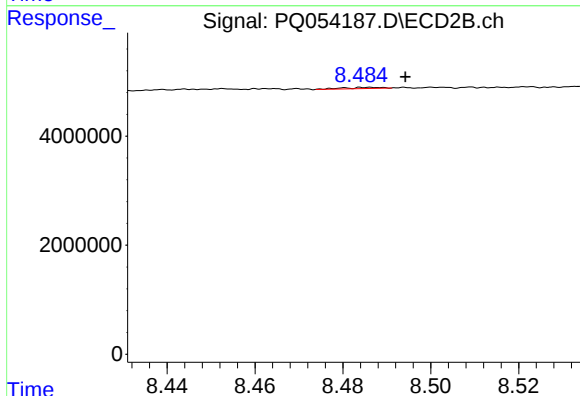
R.T.: 8.453 min
Delta R.T.: 0.024 min
Response: 130923
Conc: 0.06 ng/ml



#42 AR-1268-2

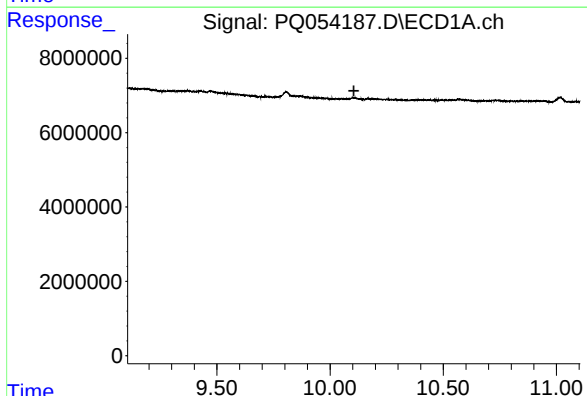
R.T.: 0.000 min
Exp R.T.: 9.864 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



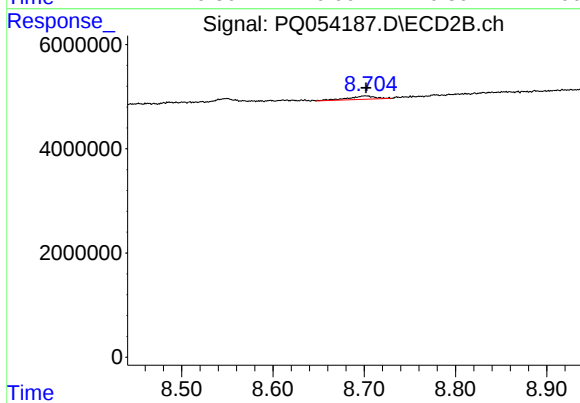
#42 AR-1268-2

R.T.: 8.486 min
Delta R.T.: -0.008 min
Response: 128378
Conc: 0.07 ng/ml



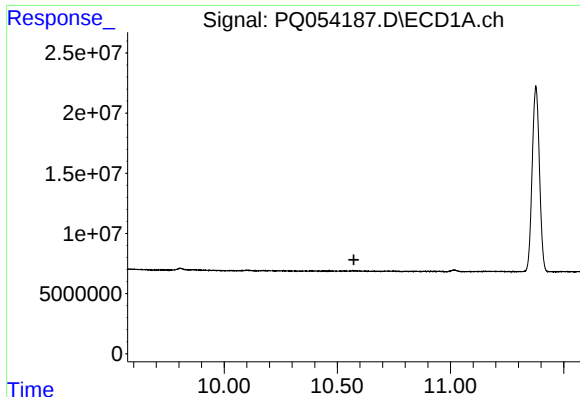
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.



#43 AR-1268-3

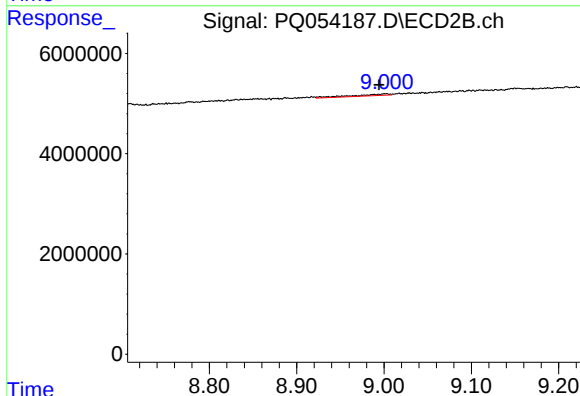
R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 1260102
Conc: 0.75 ng/ml



#44 AR-1268-4

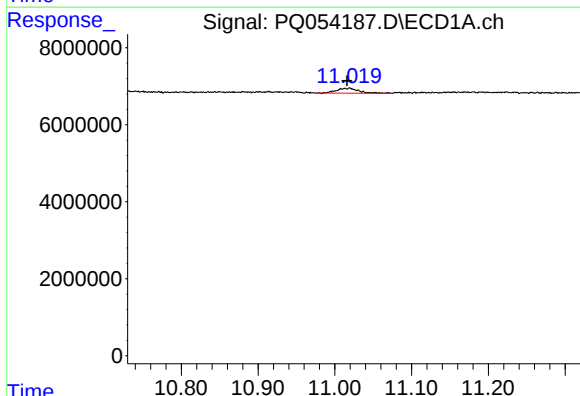
R.T.: 0.000 min
Exp R.T.: 10.573 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



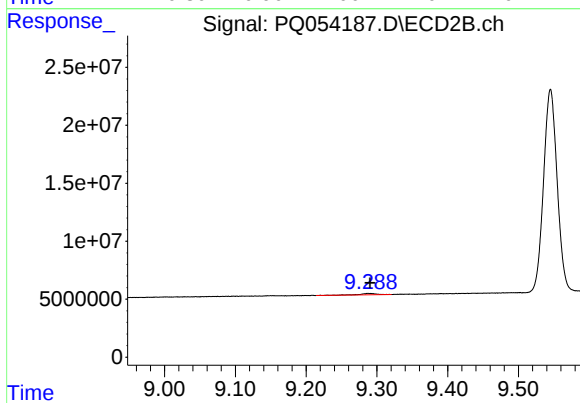
#44 AR-1268-4

R.T.: 9.002 min
Delta R.T.: 0.008 min
Response: 945121
Conc: 1.45 ng/ml



#45 AR-1268-5

R.T.: 11.019 min
Delta R.T.: 0.003 min
Response: 2547141
Conc: 0.47 ng/ml



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: -0.002 min
Response: 2076067
Conc: 0.44 ng/ml