

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091522\
 Data File : PR056729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2022 12:39
 Operator : AJ\MA
 Sample : N4581-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 14:47:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 07 09:20:17 2022
 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...	3.622	2.892	98489335	35524074	20.498	20.268
2)	SA Decachlor...	9.508	8.097	41341827	31364726	20.834	18.852
Target Compounds							
3)	L1 AR-1016-1	4.864f	4.023f	548572	637393	4.379	11.895 #
4)	L1 AR-1016-2	4.864	4.023	548572	637393	3.017	7.932 #
5)	L1 AR-1016-3	4.948f	4.167f	1778671	1013674	16.673	23.361 #
6)	L1 AR-1016-4	5.031	4.227f	482076	426289	5.570	13.449 #
7)	L1 AR-1016-5	5.340	4.435f	2446796	949465	32.255	22.495 #
8)	L2 AR-1221-1	3.853	3.134f	1930616	432863	35.829	21.645 #
9)	L2 AR-1221-2	3.933	3.193	1369081	856162	34.937	56.673 #
10)	L2 AR-1221-3	4.025	3.254f	524609	439525	4.412	9.436 #
11)	L3 AR-1232-1	4.025	3.254f	524609	439525	5.454	11.651 #
12)	L3 AR-1232-2	4.538f	4.023	4356953	637393	99.018	18.148 #
13)	L3 AR-1232-3	4.864	4.167f	548572	1013674	6.832	55.491 #
14)	L3 AR-1232-4	5.031	4.297	482076	1107181	12.832	73.926 #
15)	L3 AR-1232-5	0.000	4.435f	0	949465	N.D.	54.476 #
16)	L4 AR-1242-1	4.864f	4.023f	548572	637393	5.239	14.199 #
17)	L4 AR-1242-2	4.864	4.023	548572	637393	3.609	9.654 #
18)	L4 AR-1242-3	4.948f	4.167f	1778671	1013674	19.826	27.984 #
19)	L4 AR-1242-4	5.031	4.297	482076	1107181	6.644	34.231 #
20)	L4 AR-1242-5	5.810	4.820	320908	221421	4.814	5.291
21)	L5 AR-1248-1	4.864f	4.023f	548572	637393	6.789	18.275 #
22)	L5 AR-1248-2	0.000	4.227f	0	426289	N.D.	9.042 #
23)	L5 AR-1248-3	5.340	4.297	2446796	1107181	22.917	22.868
24)	L5 AR-1248-4	5.810f	4.435f	320908	949465	2.909	16.145 #
25)	L5 AR-1248-5	5.810	0.000	320908	0	2.920	N.D. #
26)	L6 AR-1254-1	5.746	4.820	1334252	221421	12.578	2.518 #
27)	L6 AR-1254-2	6.003	4.977	6812057	141299	43.622	1.841 #
28)	L6 AR-1254-3	6.375	5.394	936005	304124	6.120	2.404 #
29)	L6 AR-1254-4	0.000	5.641	0	365975	N.D.	4.604 #
30)	L6 AR-1254-5	7.144	6.079	661911	494556	5.642	4.474
32)	L7 AR-1260-2	6.836	5.736	552135	267837	4.153	2.629 #
33)	L7 AR-1260-3	0.000	5.909	0	438853	N.D.	4.636 #
34)	L7 AR-1260-4	7.456f	6.428f	904918	285493	8.353	3.558 #
35)	L7 AR-1260-5	7.811	6.661	1239128	344223	5.909	1.800 #
37)	L8 AR-1262-2	7.811	6.428f	1239128	285493	5.453	2.884 #
38)	L8 AR-1262-3	8.125	0.000	1357198	0	8.679	N.D. #
39)	L8 AR-1262-4	8.193	7.028	1190370	230702	17.296	1.498 #
40)	L8 AR-1262-5	8.826	7.568	404484	2348257	4.747	32.299 #
41)	L9 AR-1268-1	8.125	0.000	1357198	0	4.899	N.D. #
42)	L9 AR-1268-2	8.193f	7.028	1190370	230702	4.577	1.049 #
43)	L9 AR-1268-3	8.429	7.252	224176	196142	1.016	1.060

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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	8.826	7.568	404484	2348257	4.166	28.745 #
45) L9	AR-1268-5	9.211	7.861	467733	516943	0.654	0.847 #

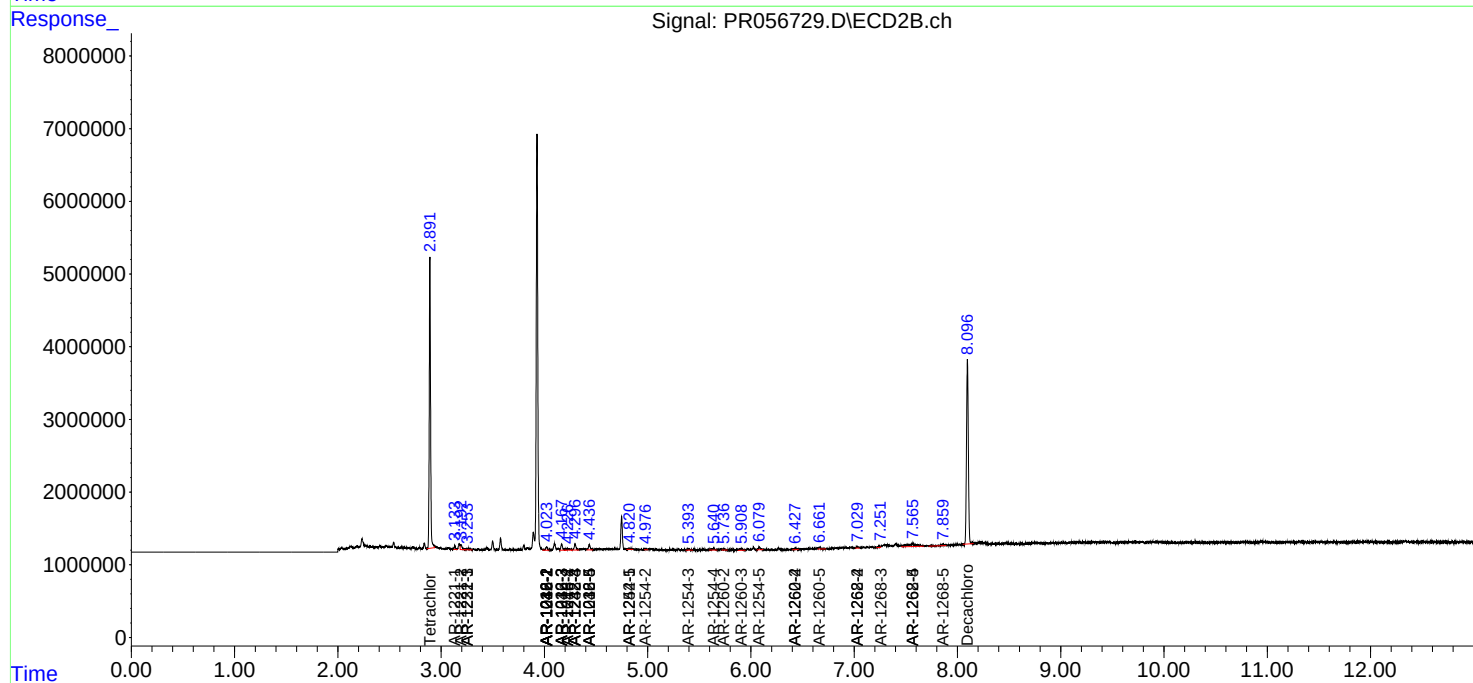
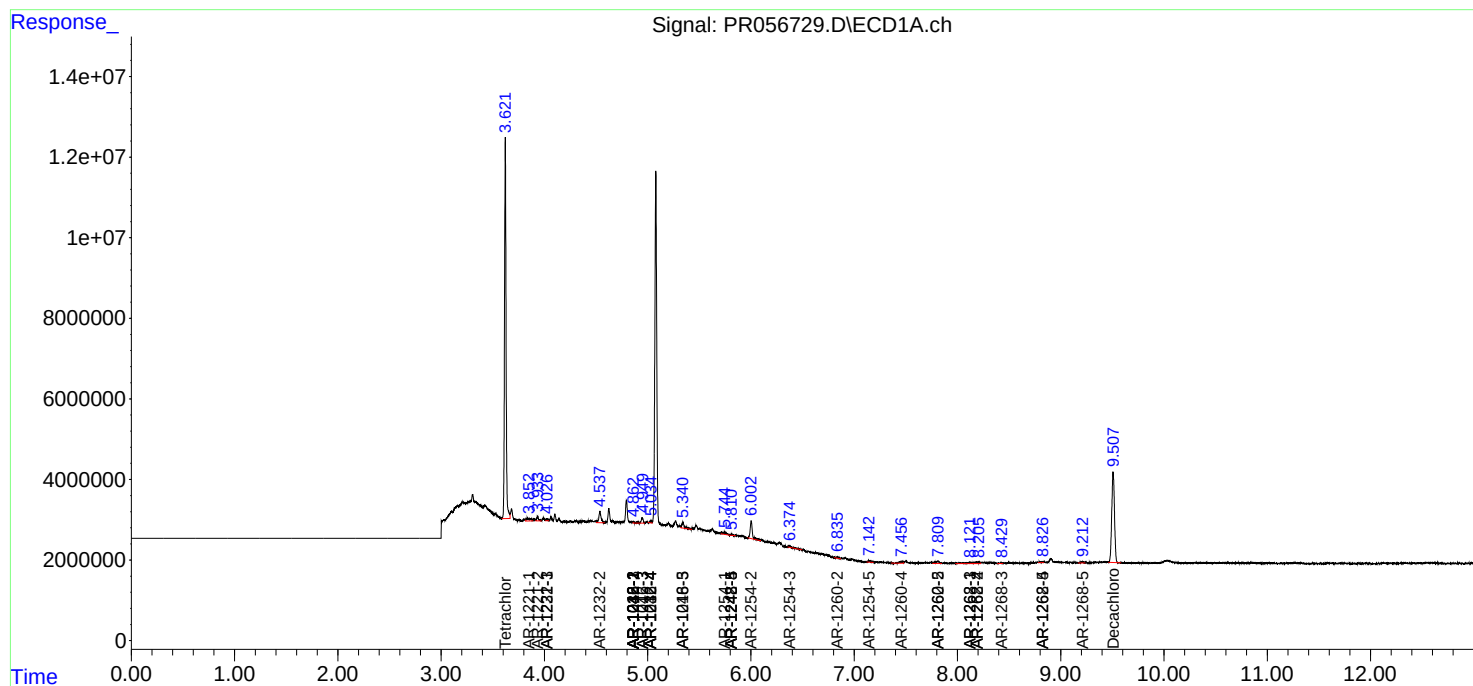
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

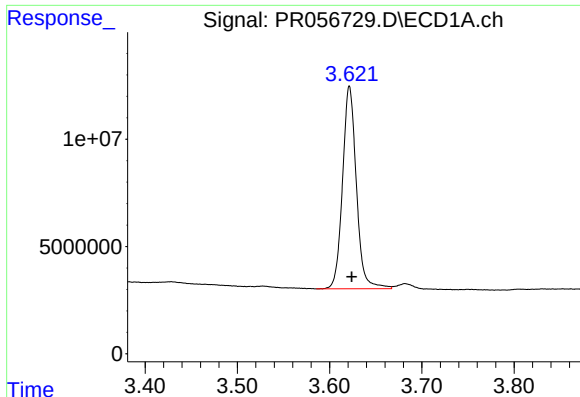
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091522\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

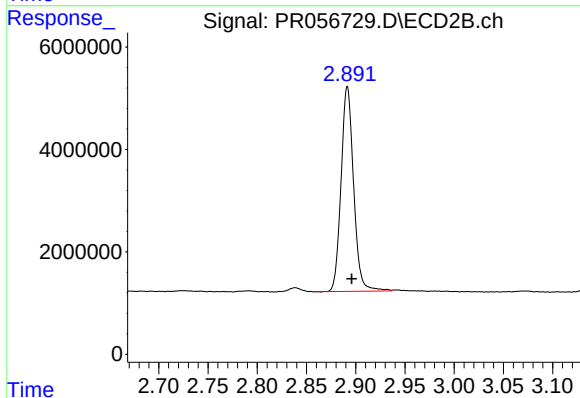




#1 Tetrachloro-m-xylene

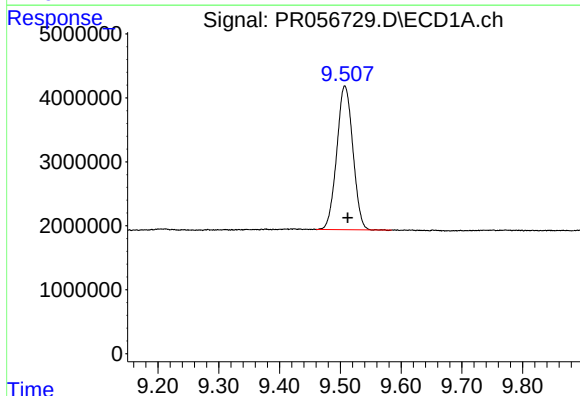
R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 98489335
Conc: 20.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



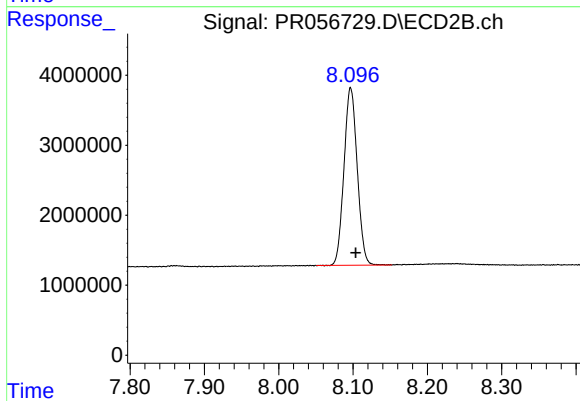
#1 Tetrachloro-m-xylene

R.T.: 2.892 min
Delta R.T.: -0.005 min
Response: 35524074
Conc: 20.27 ng/ml



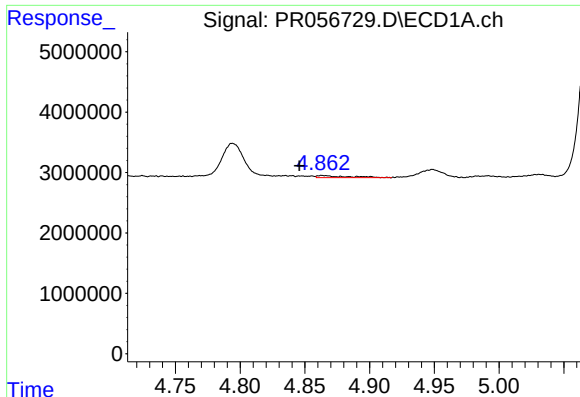
#2 Decachlorobiphenyl

R.T.: 9.508 min
Delta R.T.: -0.005 min
Response: 41341827
Conc: 20.83 ng/ml



#2 Decachlorobiphenyl

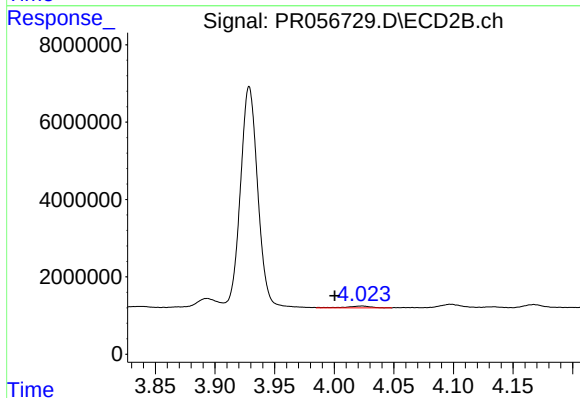
R.T.: 8.097 min
Delta R.T.: -0.006 min
Response: 31364726
Conc: 18.85 ng/ml



#3 AR-1016-1

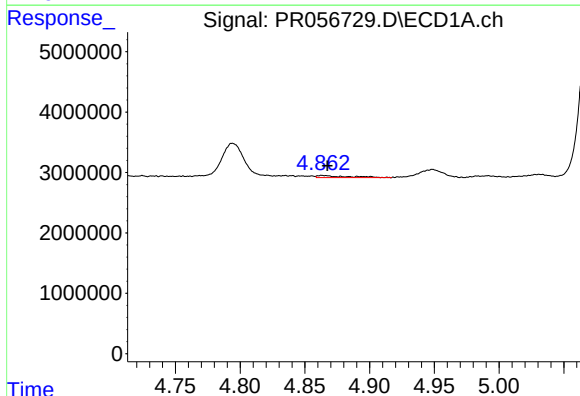
R.T.: 4.864 min
Delta R.T.: 0.018 min
Response: 548572
Conc: 4.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



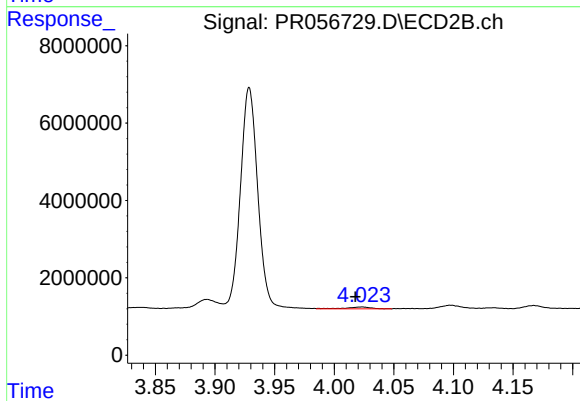
#3 AR-1016-1

R.T.: 4.023 min
Delta R.T.: 0.023 min
Response: 637393
Conc: 11.89 ng/ml



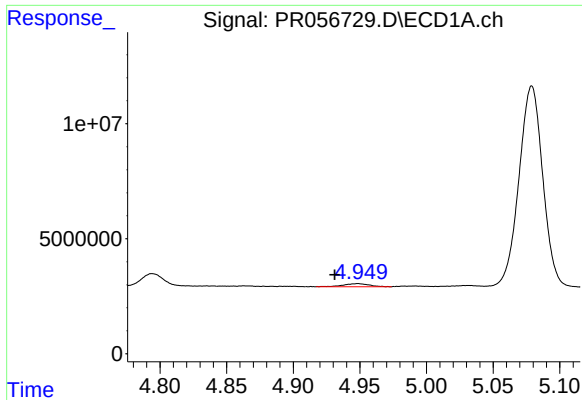
#4 AR-1016-2

R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 548572
Conc: 3.02 ng/ml



#4 AR-1016-2

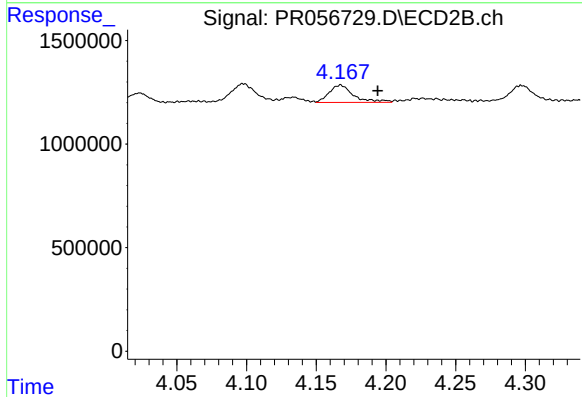
R.T.: 4.023 min
Delta R.T.: 0.006 min
Response: 637393
Conc: 7.93 ng/ml



#5 AR-1016-3

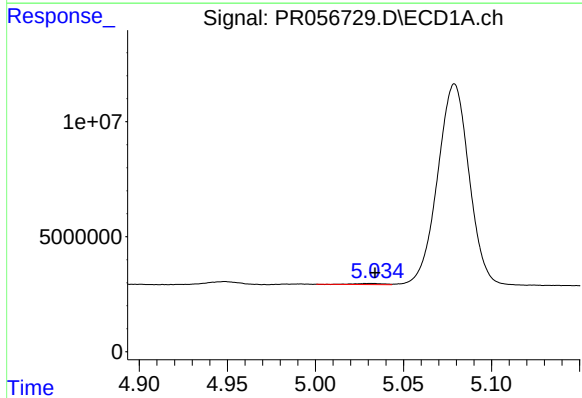
R.T.: 4.948 min
Delta R.T.: 0.017 min
Response: 1778671
Conc: 16.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



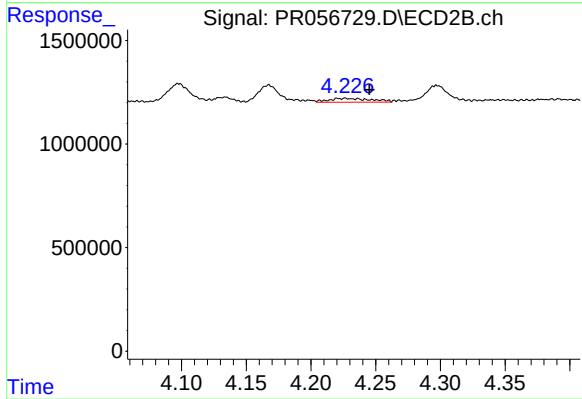
#5 AR-1016-3

R.T.: 4.167 min
Delta R.T.: -0.027 min
Response: 1013674
Conc: 23.36 ng/ml



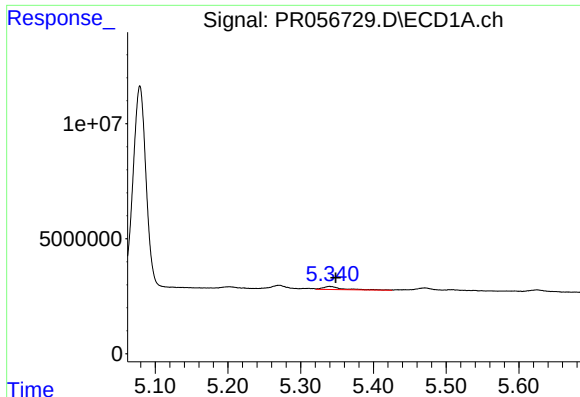
#6 AR-1016-4

R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 482076
Conc: 5.57 ng/ml



#6 AR-1016-4

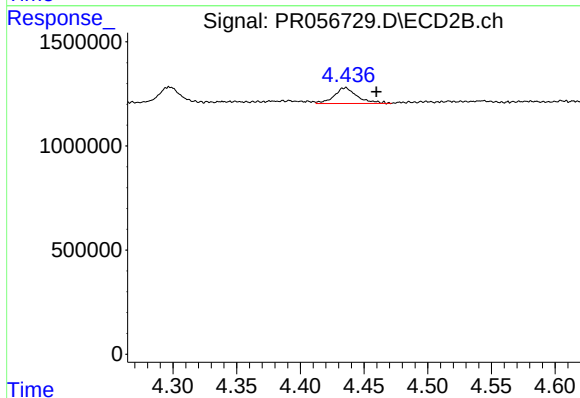
R.T.: 4.227 min
Delta R.T.: -0.019 min
Response: 426289
Conc: 13.45 ng/ml



#7 AR-1016-5

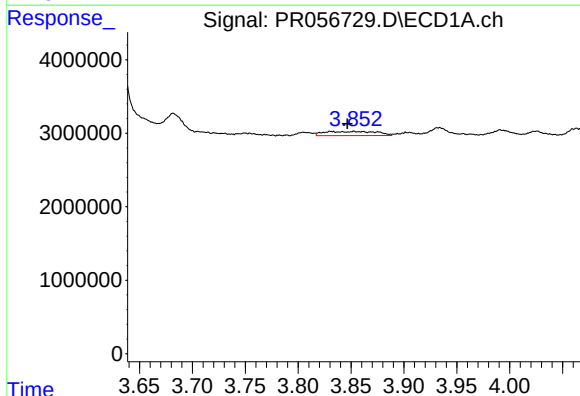
R.T.: 5.340 min
Delta R.T.: -0.008 min
Response: 2446796
Conc: 32.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



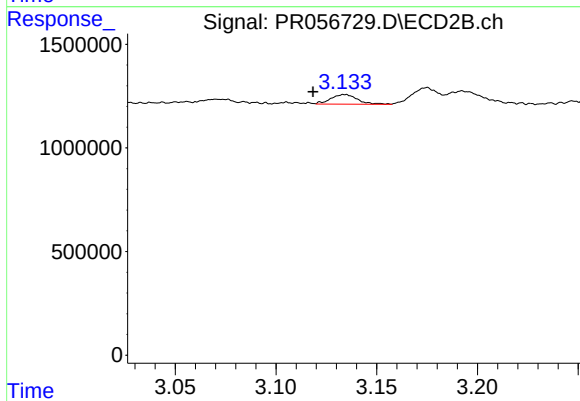
#7 AR-1016-5

R.T.: 4.435 min
Delta R.T.: -0.024 min
Response: 949465
Conc: 22.49 ng/ml



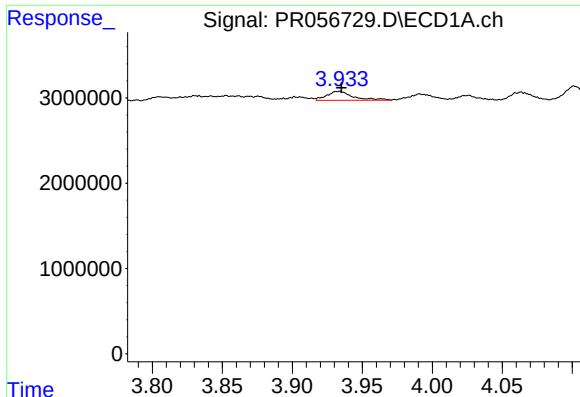
#8 AR-1221-1

R.T.: 3.853 min
Delta R.T.: 0.007 min
Response: 1930616
Conc: 35.83 ng/ml



#8 AR-1221-1

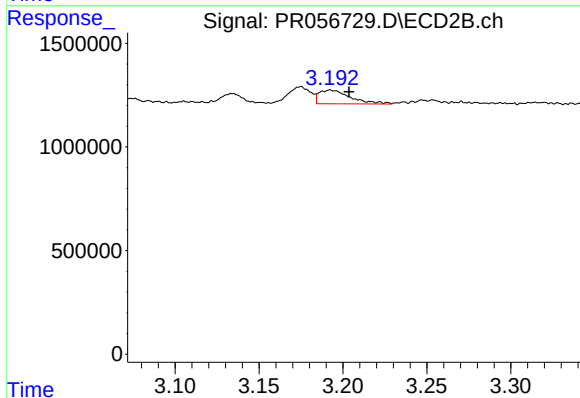
R.T.: 3.134 min
Delta R.T.: 0.016 min
Response: 432863
Conc: 21.65 ng/ml



#9 AR-1221-2

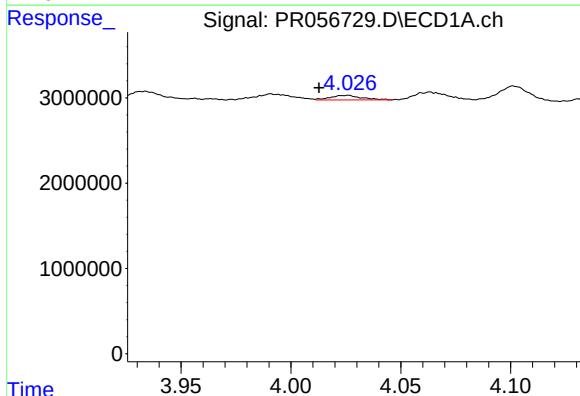
R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 1369081
Conc: 34.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



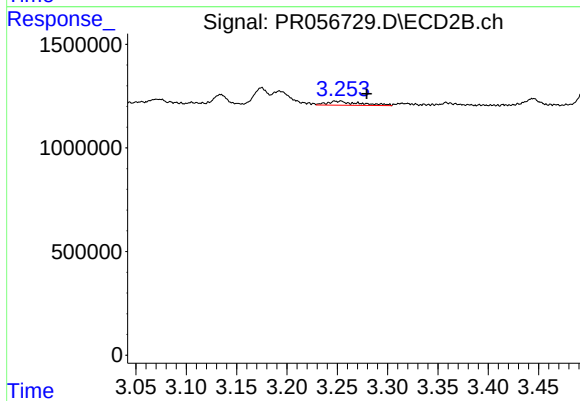
#9 AR-1221-2

R.T.: 3.193 min
Delta R.T.: -0.011 min
Response: 856162
Conc: 56.67 ng/ml



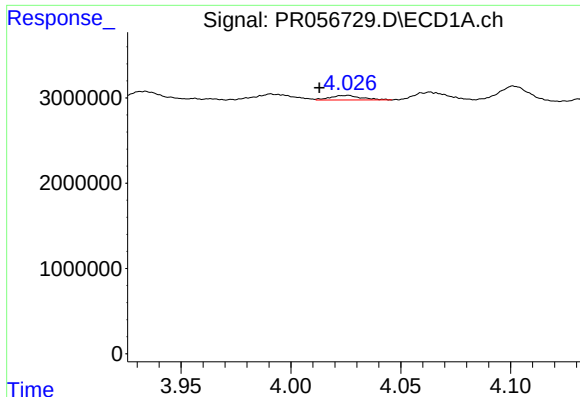
#10 AR-1221-3

R.T.: 4.025 min
Delta R.T.: 0.012 min
Response: 524609
Conc: 4.41 ng/ml



#10 AR-1221-3

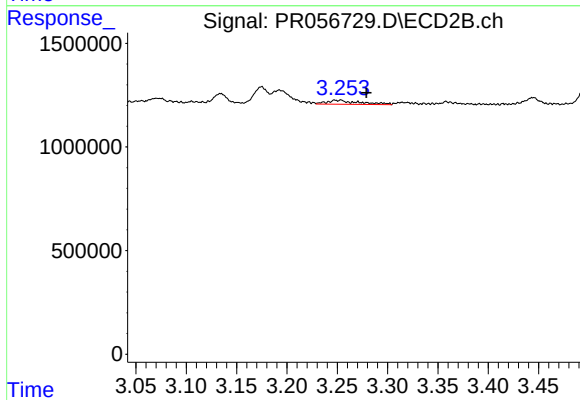
R.T.: 3.254 min
Delta R.T.: -0.025 min
Response: 439525
Conc: 9.44 ng/ml



#11 AR-1232-1

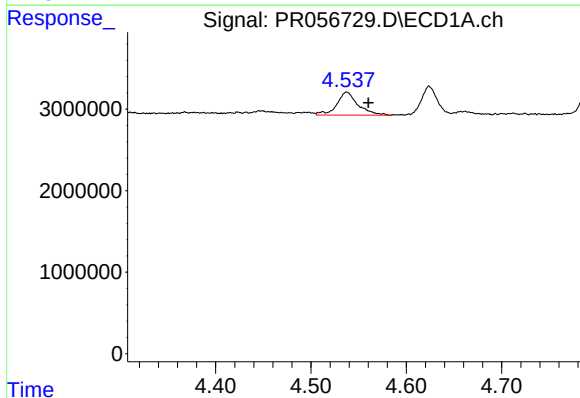
R.T.: 4.025 min
Delta R.T.: 0.012 min
Response: 524609
Conc: 5.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



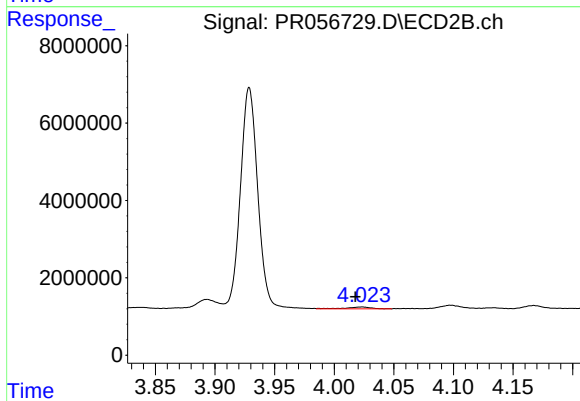
#11 AR-1232-1

R.T.: 3.254 min
Delta R.T.: -0.025 min
Response: 439525
Conc: 11.65 ng/ml



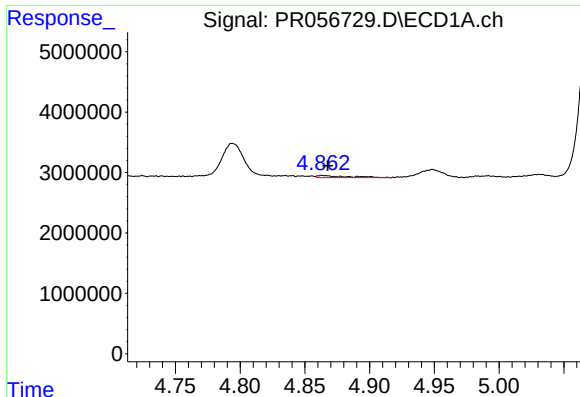
#12 AR-1232-2

R.T.: 4.538 min
Delta R.T.: -0.022 min
Response: 4356953
Conc: 99.02 ng/ml



#12 AR-1232-2

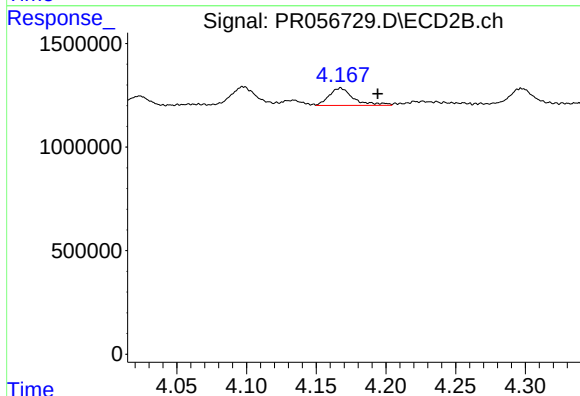
R.T.: 4.023 min
Delta R.T.: 0.006 min
Response: 637393
Conc: 18.15 ng/ml



#13 AR-1232-3

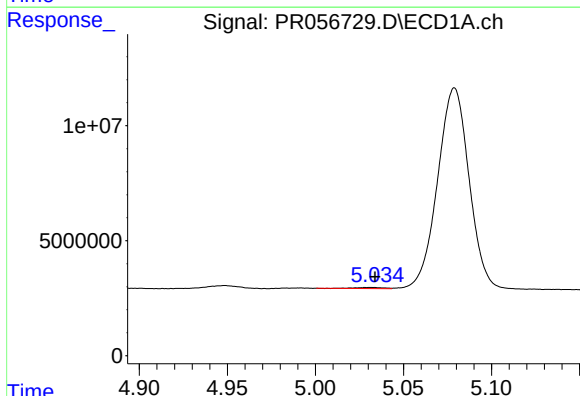
R.T.: 4.864 min
Delta R.T.: -0.004 min
Response: 548572
Conc: 6.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



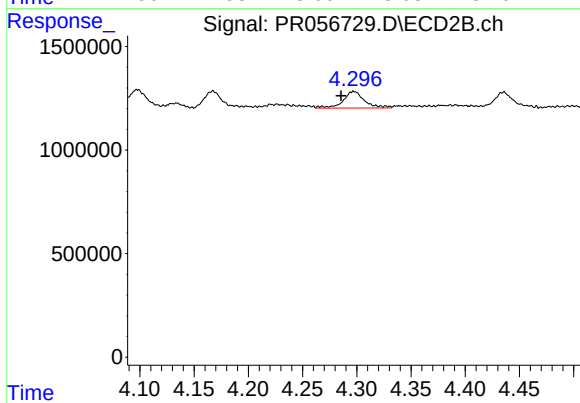
#13 AR-1232-3

R.T.: 4.167 min
Delta R.T.: -0.027 min
Response: 1013674
Conc: 55.49 ng/ml



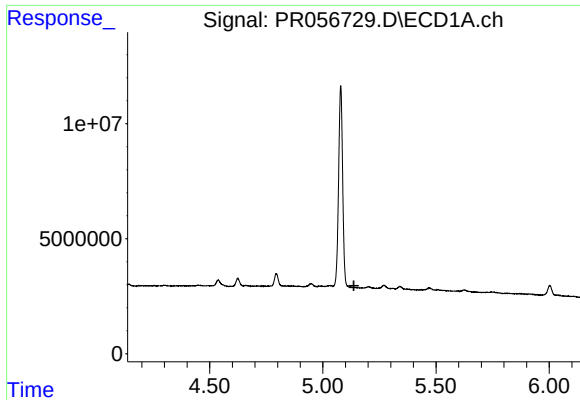
#14 AR-1232-4

R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 482076
Conc: 12.83 ng/ml



#14 AR-1232-4

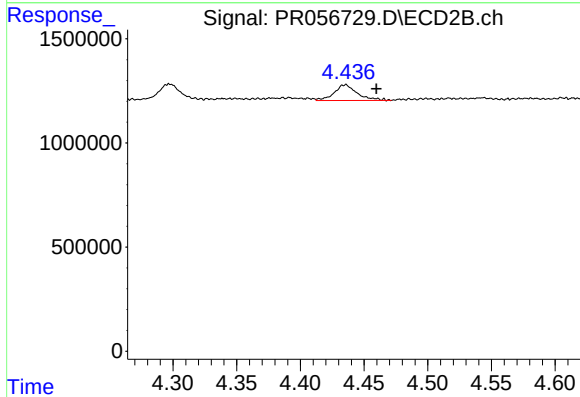
R.T.: 4.297 min
Delta R.T.: 0.012 min
Response: 1107181
Conc: 73.93 ng/ml



#15 AR-1232-5

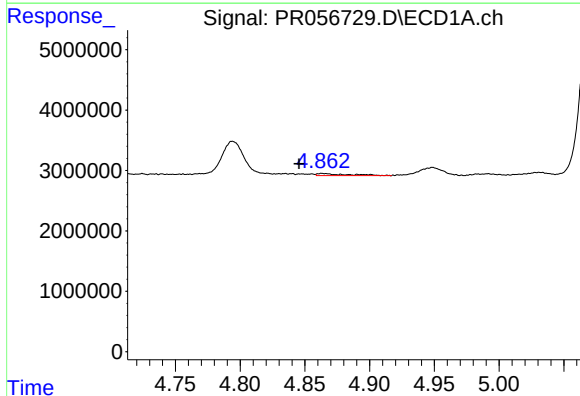
R.T.: 0.000 min
Exp R.T.: 5.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



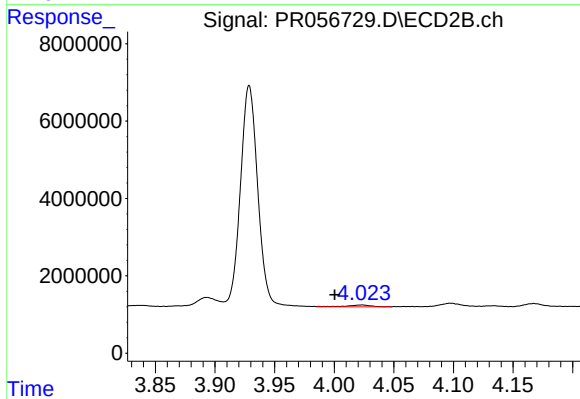
#15 AR-1232-5

R.T.: 4.435 min
Delta R.T.: -0.024 min
Response: 949465
Conc: 54.48 ng/ml



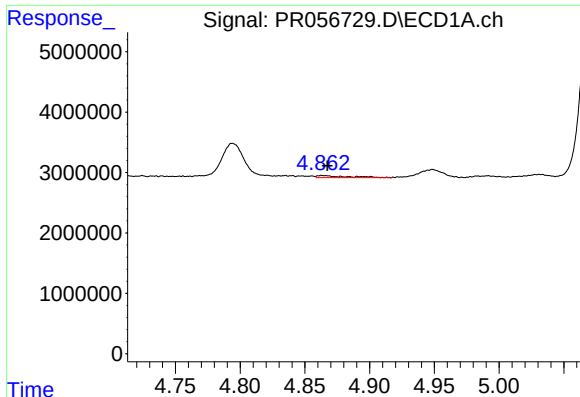
#16 AR-1242-1

R.T.: 4.864 min
Delta R.T.: 0.019 min
Response: 548572
Conc: 5.24 ng/ml



#16 AR-1242-1

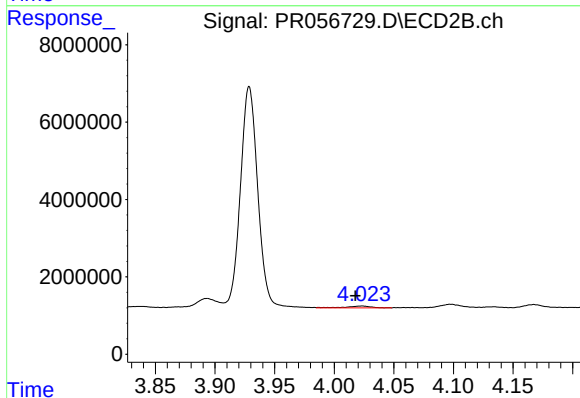
R.T.: 4.023 min
Delta R.T.: 0.023 min
Response: 637393
Conc: 14.20 ng/ml



#17 AR-1242-2

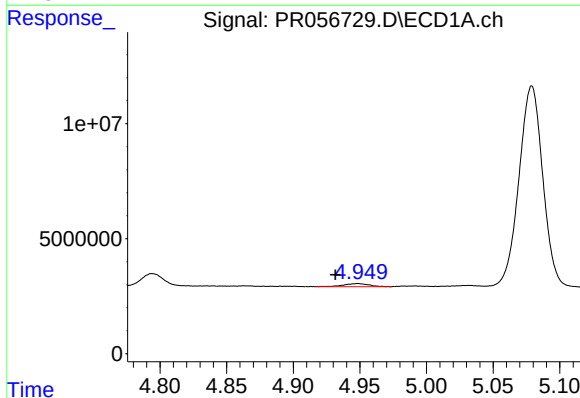
R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 548572
Conc: 3.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



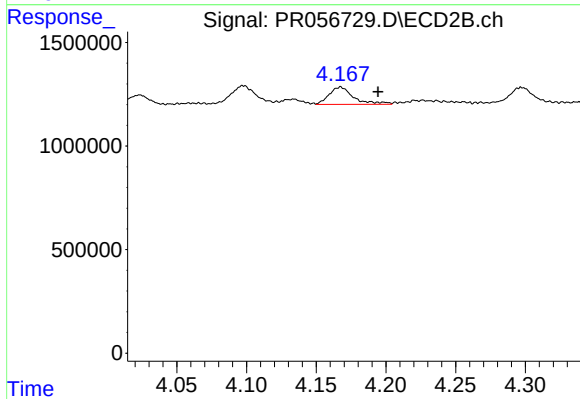
#17 AR-1242-2

R.T.: 4.023 min
Delta R.T.: 0.006 min
Response: 637393
Conc: 9.65 ng/ml



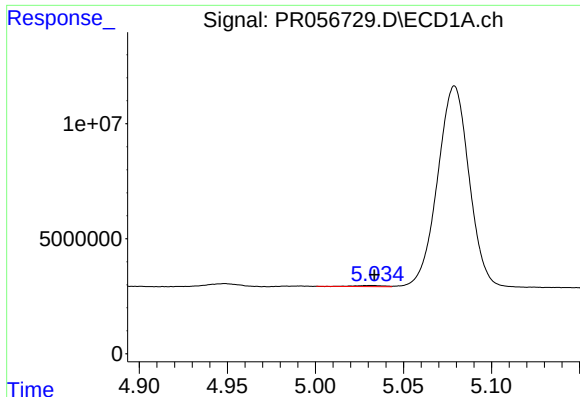
#18 AR-1242-3

R.T.: 4.948 min
Delta R.T.: 0.017 min
Response: 1778671
Conc: 19.83 ng/ml



#18 AR-1242-3

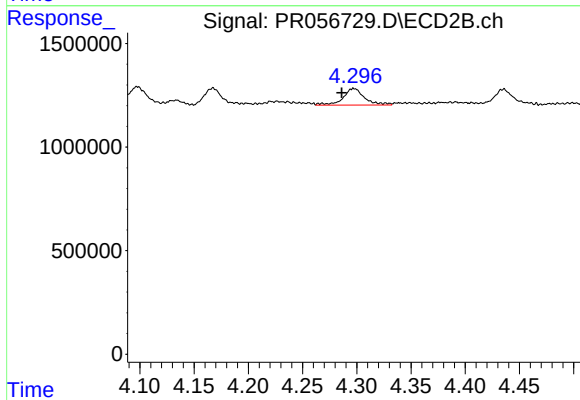
R.T.: 4.167 min
Delta R.T.: -0.027 min
Response: 1013674
Conc: 27.98 ng/ml



#19 AR-1242-4

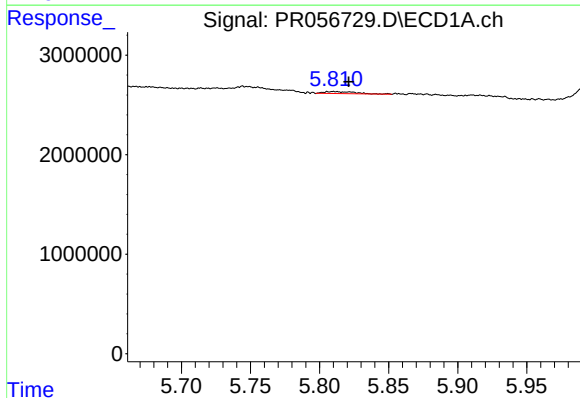
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 482076
Conc: 6.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



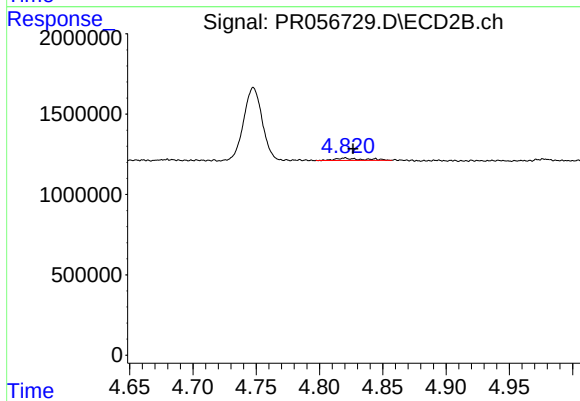
#19 AR-1242-4

R.T.: 4.297 min
Delta R.T.: 0.011 min
Response: 1107181
Conc: 34.23 ng/ml



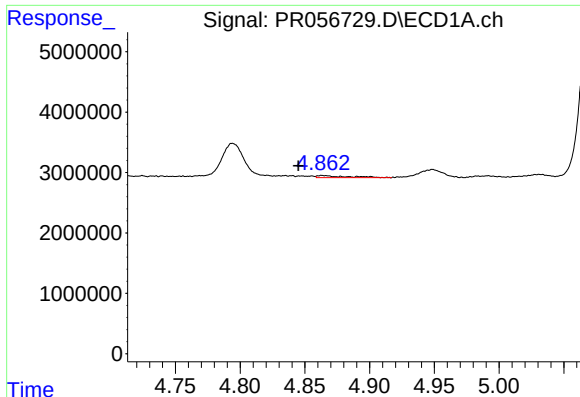
#20 AR-1242-5

R.T.: 5.810 min
Delta R.T.: -0.011 min
Response: 320908
Conc: 4.81 ng/ml



#20 AR-1242-5

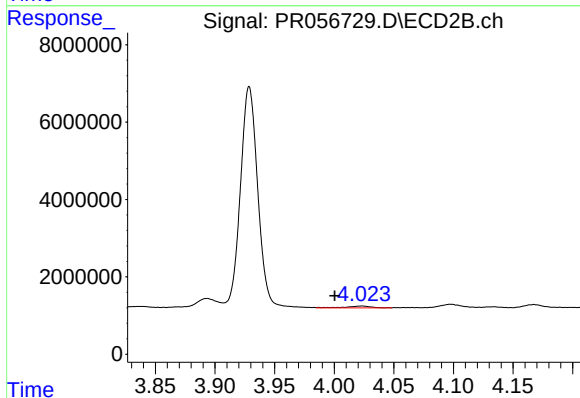
R.T.: 4.820 min
Delta R.T.: -0.006 min
Response: 221421
Conc: 5.29 ng/ml



#21 AR-1248-1

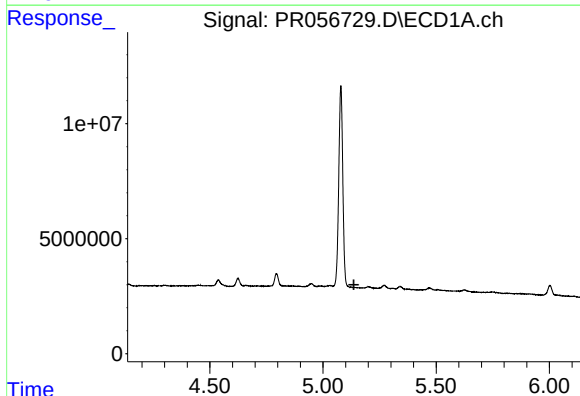
R.T.: 4.864 min
Delta R.T.: 0.019 min
Response: 548572
Conc: 6.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



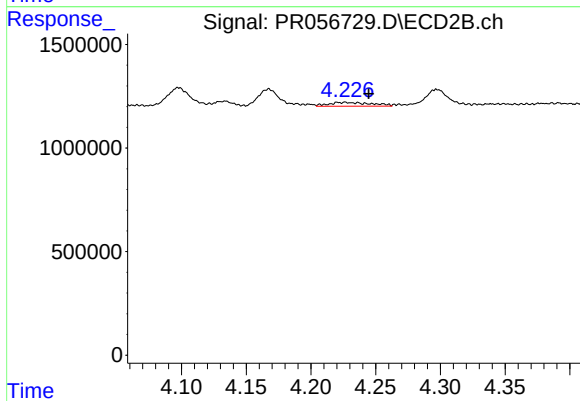
#21 AR-1248-1

R.T.: 4.023 min
Delta R.T.: 0.023 min
Response: 637393
Conc: 18.28 ng/ml



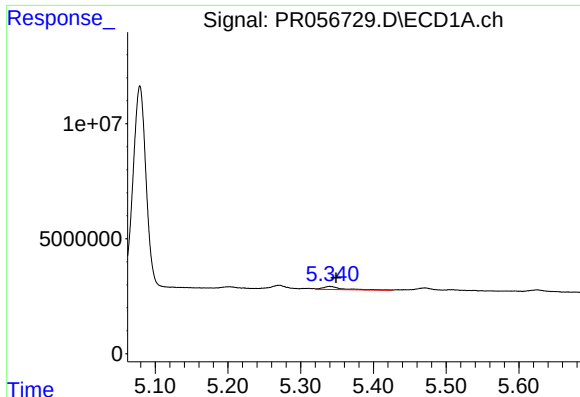
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.137 min
Response: 0
Conc: N.D.



#22 AR-1248-2

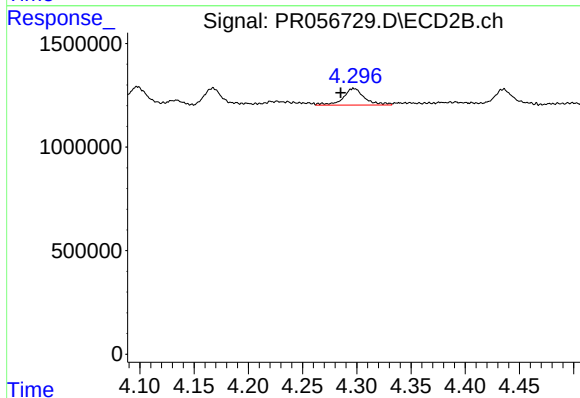
R.T.: 4.227 min
Delta R.T.: -0.018 min
Response: 426289
Conc: 9.04 ng/ml



#23 AR-1248-3

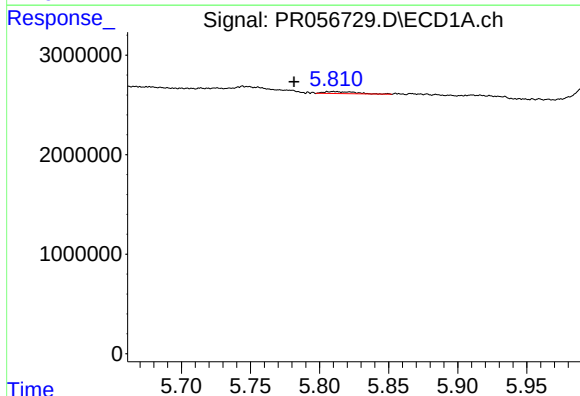
R.T.: 5.340 min
Delta R.T.: -0.008 min
Response: 2446796
Conc: 22.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



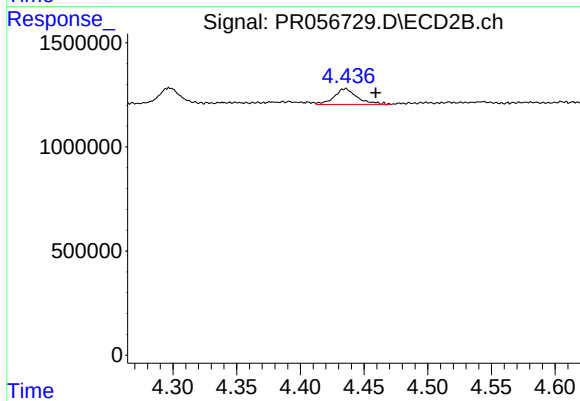
#23 AR-1248-3

R.T.: 4.297 min
Delta R.T.: 0.012 min
Response: 1107181
Conc: 22.87 ng/ml



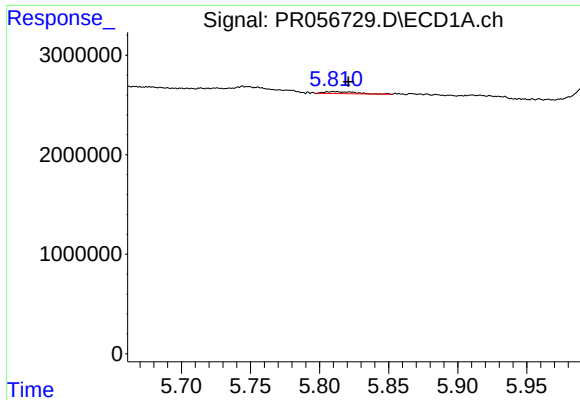
#24 AR-1248-4

R.T.: 5.810 min
Delta R.T.: 0.028 min
Response: 320908
Conc: 2.91 ng/ml



#24 AR-1248-4

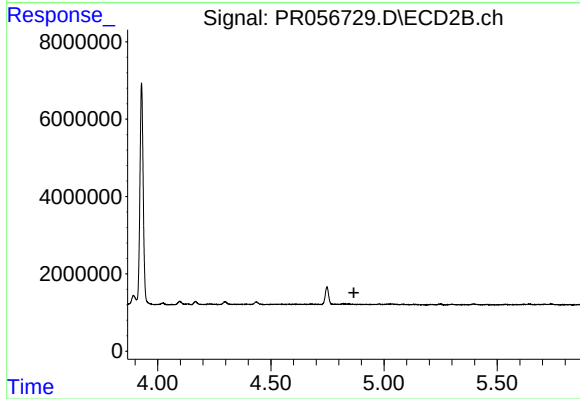
R.T.: 4.435 min
Delta R.T.: -0.024 min
Response: 949465
Conc: 16.14 ng/ml



#25 AR-1248-5

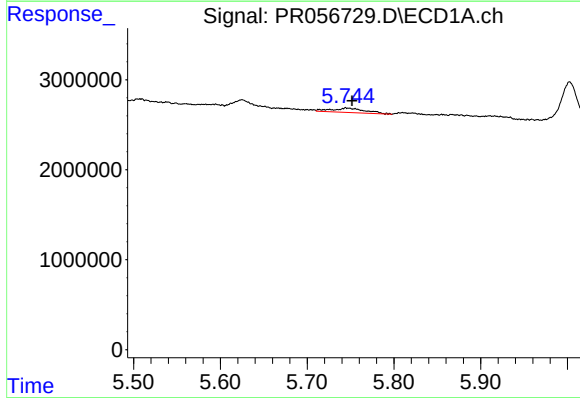
R.T.: 5.810 min
Delta R.T.: -0.011 min
Response: 320908
Conc: 2.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



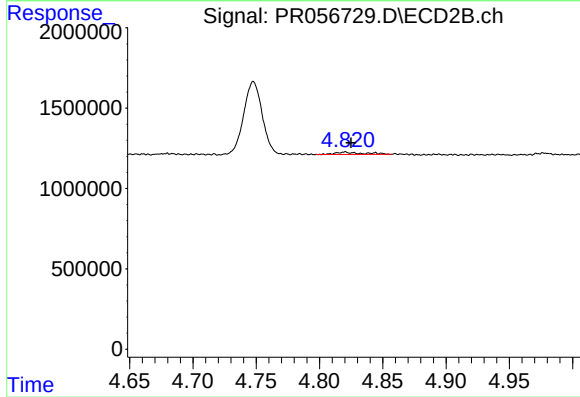
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 4.867 min
Response: 0
Conc: N.D.



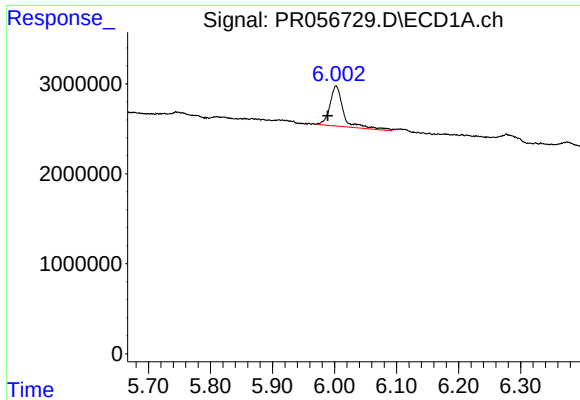
#26 AR-1254-1

R.T.: 5.746 min
Delta R.T.: -0.006 min
Response: 1334252
Conc: 12.58 ng/ml



#26 AR-1254-1

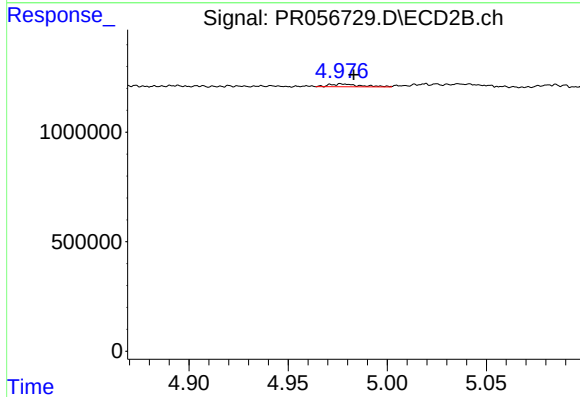
R.T.: 4.820 min
Delta R.T.: -0.005 min
Response: 221421
Conc: 2.52 ng/ml



#27 AR-1254-2

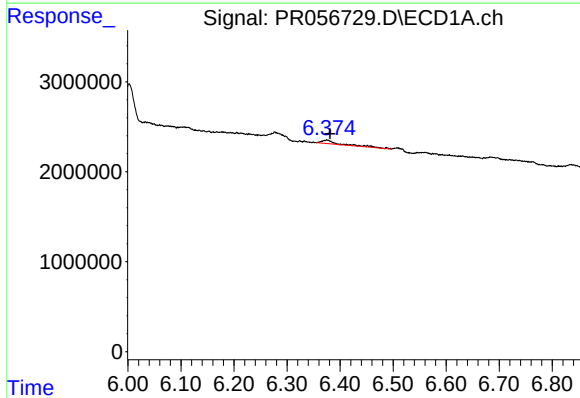
R.T.: 6.003 min
Delta R.T.: 0.014 min
Response: 6812057
Conc: 43.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



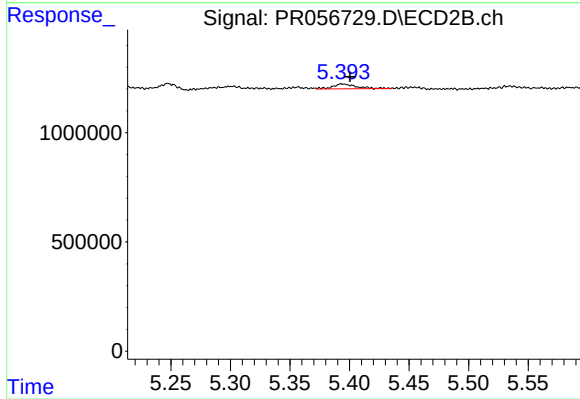
#27 AR-1254-2

R.T.: 4.977 min
Delta R.T.: -0.006 min
Response: 141299
Conc: 1.84 ng/ml



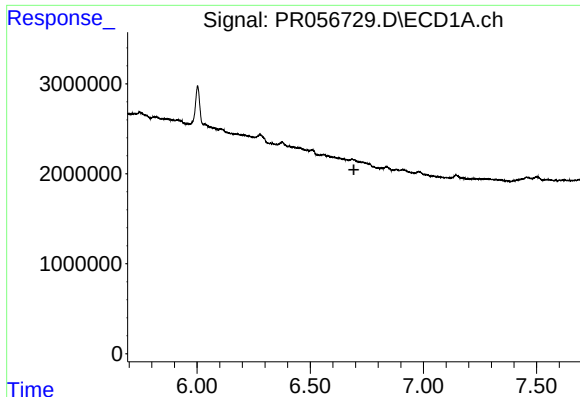
#28 AR-1254-3

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 936005
Conc: 6.12 ng/ml



#28 AR-1254-3

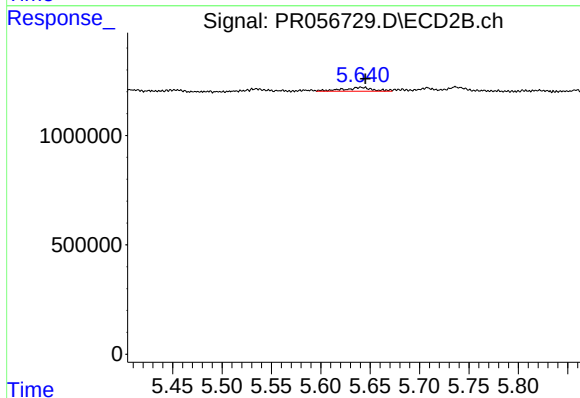
R.T.: 5.394 min
Delta R.T.: -0.006 min
Response: 304124
Conc: 2.40 ng/ml



#29 AR-1254-4

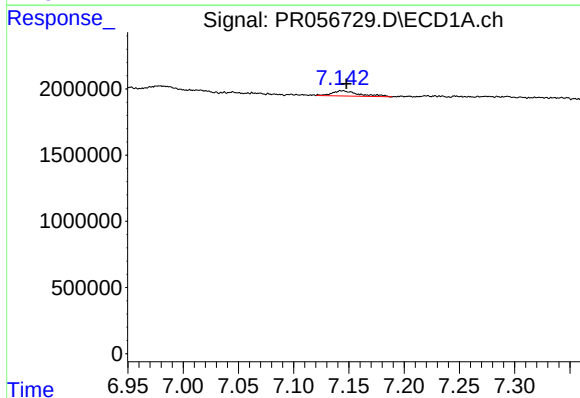
R.T.: 0.000 min
Exp R.T.: 6.693 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



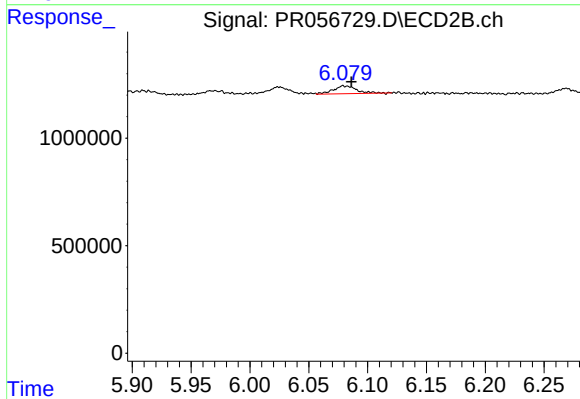
#29 AR-1254-4

R.T.: 5.641 min
Delta R.T.: -0.005 min
Response: 365975
Conc: 4.60 ng/ml



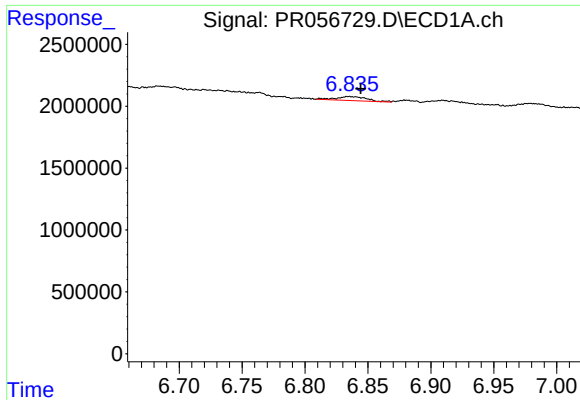
#30 AR-1254-5

R.T.: 7.144 min
Delta R.T.: -0.004 min
Response: 661911
Conc: 5.64 ng/ml



#30 AR-1254-5

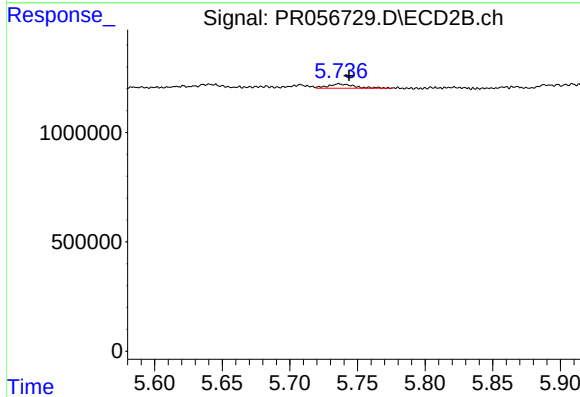
R.T.: 6.079 min
Delta R.T.: -0.007 min
Response: 494556
Conc: 4.47 ng/ml



#32 AR-1260-2

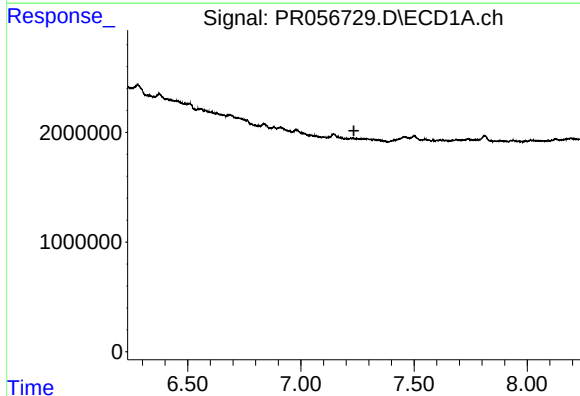
R.T.: 6.836 min
Delta R.T.: -0.008 min
Response: 552135
Conc: 4.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



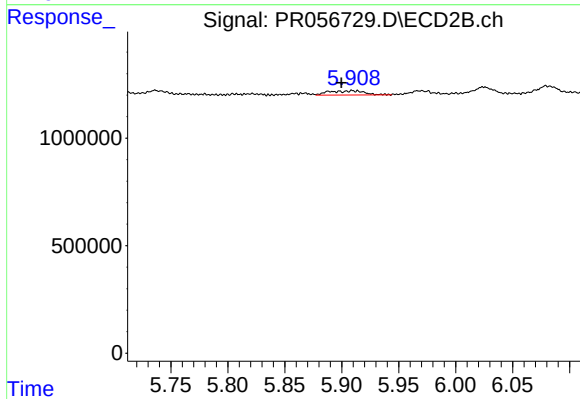
#32 AR-1260-2

R.T.: 5.736 min
Delta R.T.: -0.008 min
Response: 267837
Conc: 2.63 ng/ml



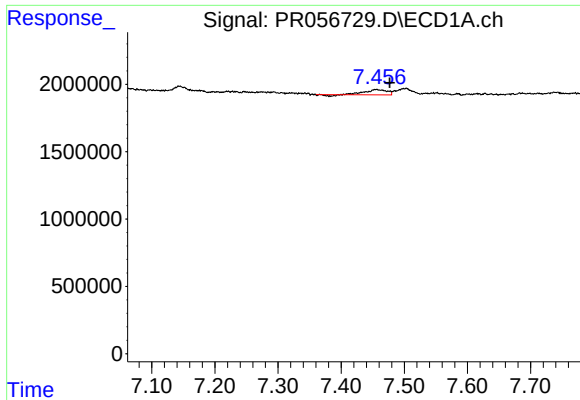
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.234 min
Response: 0
Conc: N.D.



#33 AR-1260-3

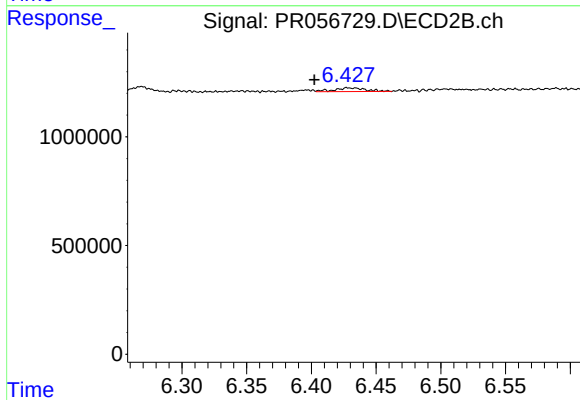
R.T.: 5.909 min
Delta R.T.: 0.009 min
Response: 438853
Conc: 4.64 ng/ml



#34 AR-1260-4

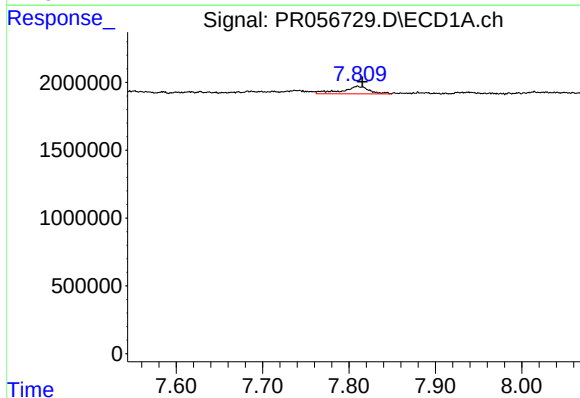
R.T.: 7.456 min
Delta R.T.: -0.022 min
Response: 904918
Conc: 8.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



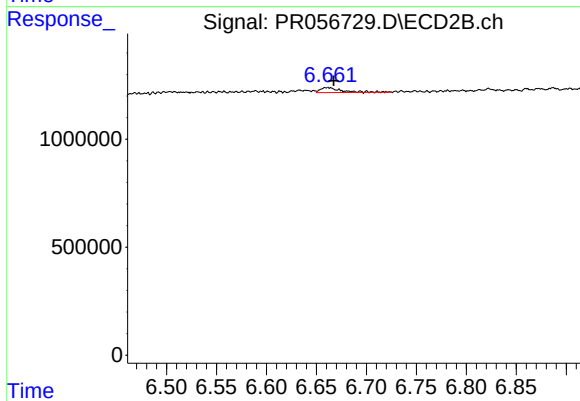
#34 AR-1260-4

R.T.: 6.428 min
Delta R.T.: 0.025 min
Response: 285493
Conc: 3.56 ng/ml



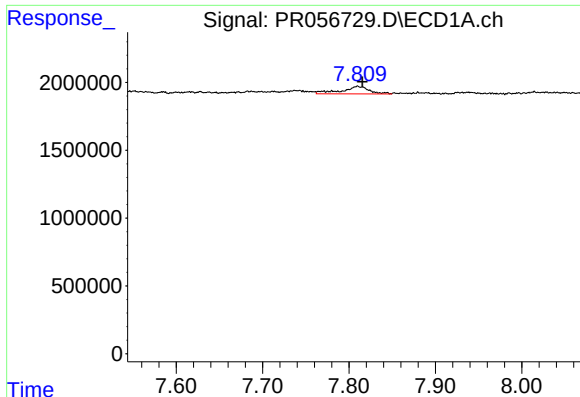
#35 AR-1260-5

R.T.: 7.811 min
Delta R.T.: -0.005 min
Response: 1239128
Conc: 5.91 ng/ml



#35 AR-1260-5

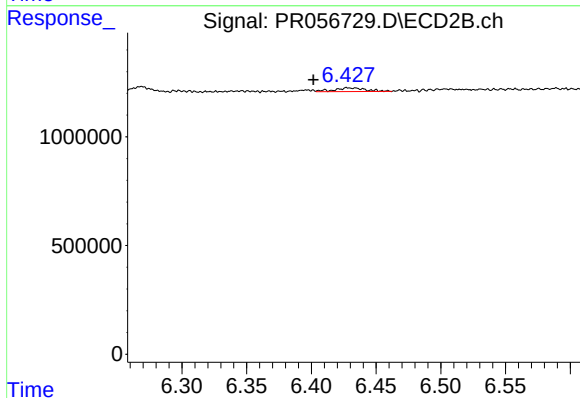
R.T.: 6.661 min
Delta R.T.: -0.006 min
Response: 344223
Conc: 1.80 ng/ml



#37 AR-1262-2

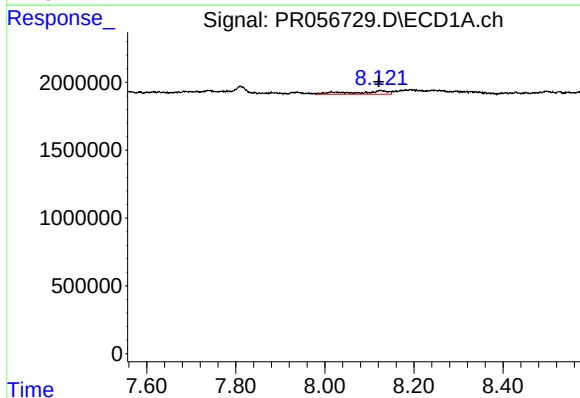
R.T.: 7.811 min
Delta R.T.: -0.005 min
Response: 1239128
Conc: 5.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



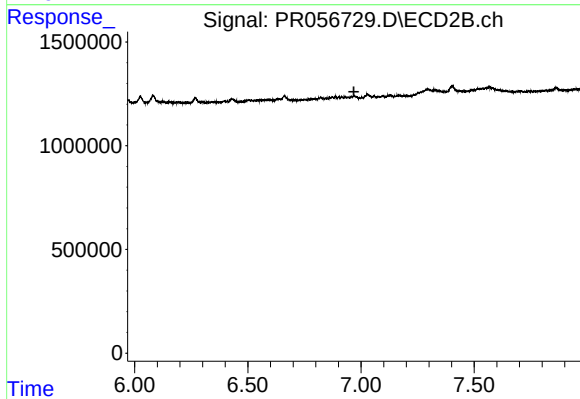
#37 AR-1262-2

R.T.: 6.428 min
Delta R.T.: 0.026 min
Response: 285493
Conc: 2.88 ng/ml



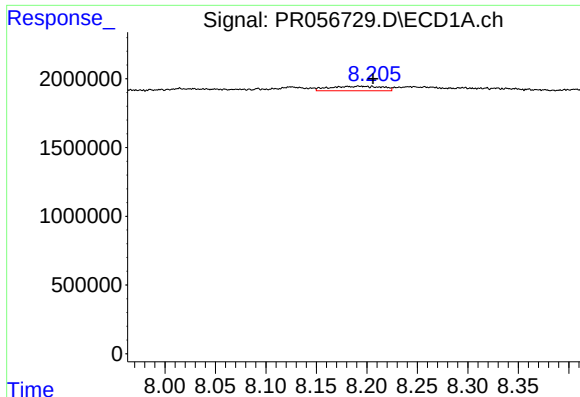
#38 AR-1262-3

R.T.: 8.125 min
Delta R.T.: 0.004 min
Response: 1357198
Conc: 8.68 ng/ml



#38 AR-1262-3

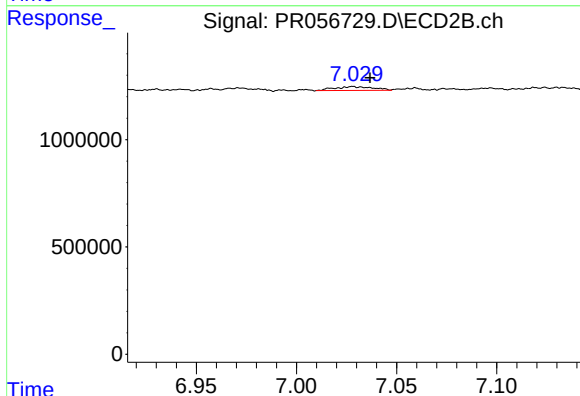
R.T.: 0.000 min
Exp R.T. : 6.968 min
Response: 0
Conc: N.D.



#39 AR-1262-4

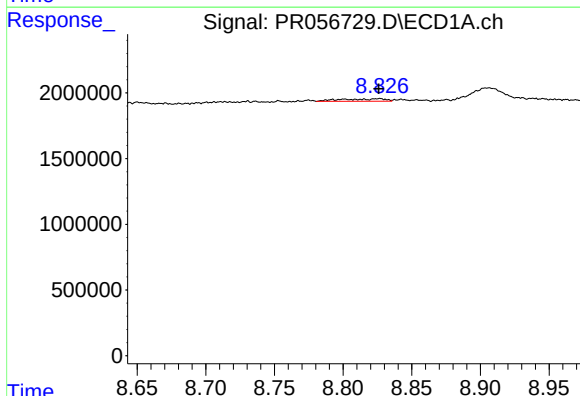
R.T.: 8.193 min
Delta R.T.: -0.013 min
Response: 1190370
Conc: 17.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



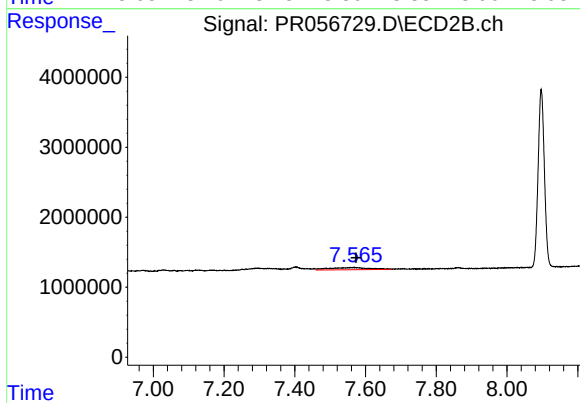
#39 AR-1262-4

R.T.: 7.028 min
Delta R.T.: -0.009 min
Response: 230702
Conc: 1.50 ng/ml



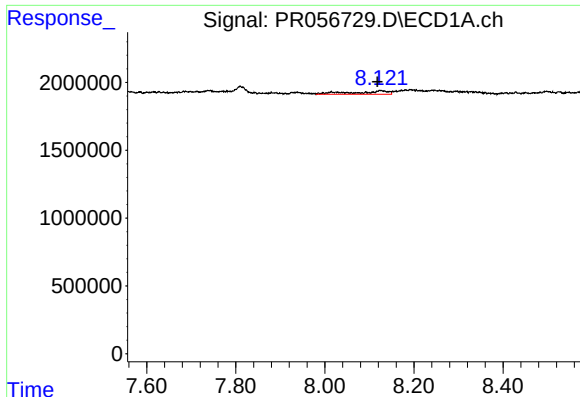
#40 AR-1262-5

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 404484
Conc: 4.75 ng/ml



#40 AR-1262-5

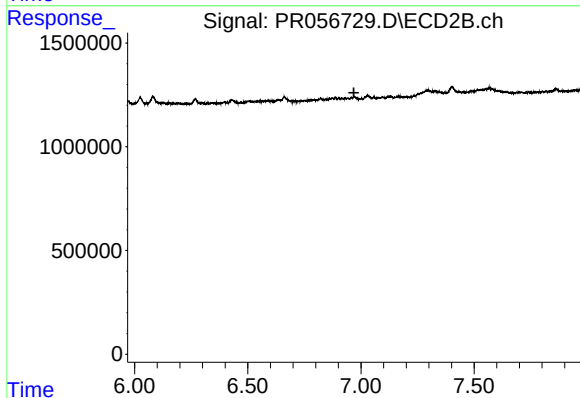
R.T.: 7.568 min
Delta R.T.: -0.005 min
Response: 2348257
Conc: 32.30 ng/ml



#41 AR-1268-1

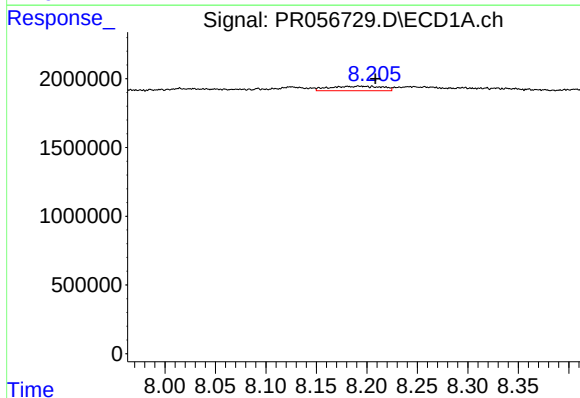
R.T.: 8.125 min
Delta R.T.: 0.007 min
Response: 1357198
Conc: 4.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



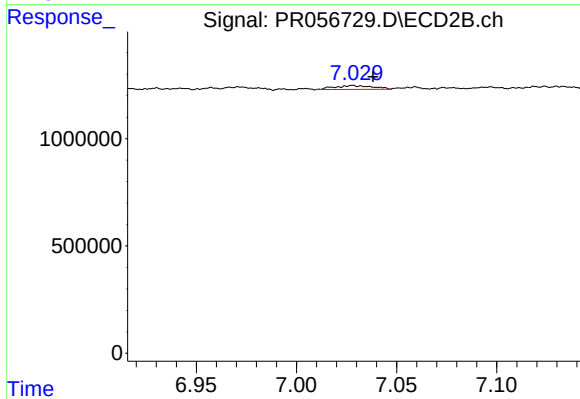
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.969 min
Response: 0
Conc: N.D.



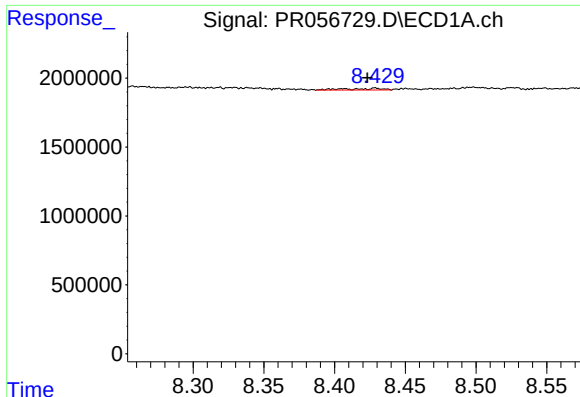
#42 AR-1268-2

R.T.: 8.193 min
Delta R.T.: -0.015 min
Response: 1190370
Conc: 4.58 ng/ml



#42 AR-1268-2

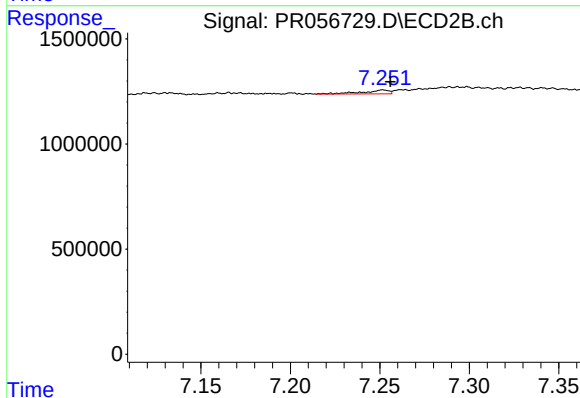
R.T.: 7.028 min
Delta R.T.: -0.010 min
Response: 230702
Conc: 1.05 ng/ml



#43 AR-1268-3

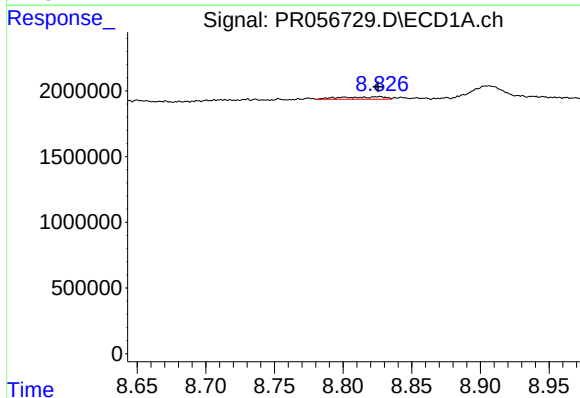
R.T.: 8.429 min
Delta R.T.: 0.006 min
Response: 224176
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



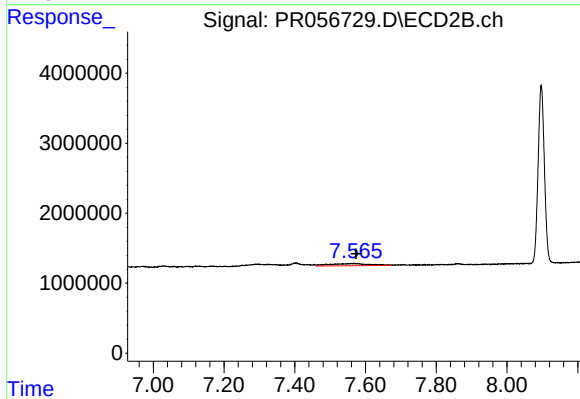
#43 AR-1268-3

R.T.: 7.252 min
Delta R.T.: -0.004 min
Response: 196142
Conc: 1.06 ng/ml



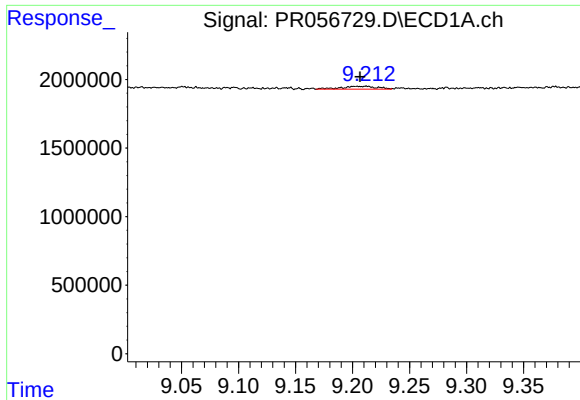
#44 AR-1268-4

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 404484
Conc: 4.17 ng/ml



#44 AR-1268-4

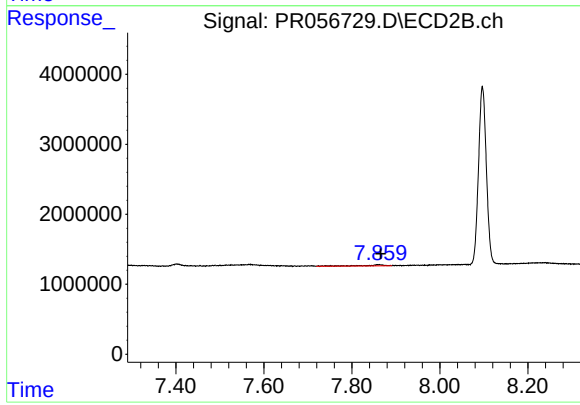
R.T.: 7.568 min
Delta R.T.: -0.005 min
Response: 2348257
Conc: 28.75 ng/ml



#45 AR-1268-5

R.T.: 9.211 min
Delta R.T.: 0.004 min
Response: 467733
Conc: 0.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.861 min
Delta R.T.: -0.005 min
Response: 516943
Conc: 0.85 ng/ml