

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 08:12
 Operator : AJ\MA
 Sample : 02213-08
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:16:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 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...	3.687	2.900	66486323	86065090	21.778	20.223
2)	SA Decachlor...	9.655	8.125	79538377	109.6E6	28.039	25.203
Target Compounds							
3)	L1 AR-1016-1	4.927	4.006	218548	105978	1.974	0.717 #
4)	L1 AR-1016-2	4.936	4.031	186264	221837	1.197	1.046
5)	L1 AR-1016-3	5.024	4.201	209842	112189	2.151	1.018 #
6)	L1 AR-1016-4	0.000	4.281f	0	138742	N.D.	1.623 #
7)	L1 AR-1016-5	5.428	0.000	221337	0	2.783	N.D. #
8)	L2 AR-1221-1	3.899	3.117	103477	220238	2.612	4.637 #
9)	L2 AR-1221-2	4.003	3.201	943097	1333899	32.481	37.602
12)	L3 AR-1232-2	0.000	4.031	0	221837	N.D.	2.426 #
13)	L3 AR-1232-3	4.936	4.201	186264	112189	2.644	2.422
14)	L3 AR-1232-4	0.000	4.281f	0	138742	N.D.	3.398 #
16)	L4 AR-1242-1	4.927	4.006	218548	105978	2.477	0.912 #
17)	L4 AR-1242-2	4.936	4.031	186264	221837	1.501	1.330
18)	L4 AR-1242-3	5.024	4.201	209842	112189	2.686	1.308 #
19)	L4 AR-1242-4	0.000	4.281f	0	138742	N.D.	1.715 #
20)	L4 AR-1242-5	5.902	4.843	324338	151006	4.685	1.402 #
21)	L5 AR-1248-1	4.927	4.006	218548	105978	3.289	1.233 #
22)	L5 AR-1248-2	0.000	4.281f	0	138742	N.D.	1.154 #
23)	L5 AR-1248-3	5.428	4.281f	221337	138742	2.102	1.138 #
24)	L5 AR-1248-4	5.888f	0.000	295240	0	2.456	N.D. #
25)	L5 AR-1248-5	5.902	4.864f	324338	337156	2.740	2.194
26)	L6 AR-1254-1	5.840	4.843	365349	151006	3.033	0.625 #
27)	L6 AR-1254-2	6.078	0.000	293395	0	1.539	N.D. #
28)	L6 AR-1254-3	6.475	5.438f	505541	458778	2.464	1.318 #
29)	L6 AR-1254-4	6.802f	5.667	2240266	617888	14.391	2.802 #
30)	L6 AR-1254-5	7.264f	6.104	1648441	669110	9.798	2.088 #
31)	L7 AR-1260-1	6.643	5.546	385539	2306620	2.420	9.411 #
32)	L7 AR-1260-2	6.921f	5.762	1280259	648604	6.635	2.087 #
33)	L7 AR-1260-3	7.329	5.921	5300670	878513	37.238	3.129 #
34)	L7 AR-1260-4	7.596f	6.417	6978422	8706040	42.685	36.168
35)	L7 AR-1260-5	7.911	6.685	2851056	3642283	9.015	6.256 #
36)	L8 AR-1262-1	7.329	6.147	5300670	6381490	28.044	20.231 #
37)	L8 AR-1262-2	7.911	6.417	2851056	8706040	8.462	30.212 #
38)	L8 AR-1262-3	8.221	6.988	25019430	35574932	108.650	157.077 #
39)	L8 AR-1262-4	8.312	7.058	22467206	31940888	127.665	74.279 #
40)	L8 AR-1262-5	8.945	7.592	11748468	11225681	93.781	56.064 #
41)	L9 AR-1268-1	8.221	6.988	25019430	35574932	60.530	48.276
42)	L9 AR-1268-2	8.312	7.058	22467206	31940888	59.732	47.771
43)	L9 AR-1268-3	8.533	7.277	19630020	32485924	61.217	57.156
44)	L9 AR-1268-4	8.945	7.592	11748468	11225681	81.758	48.139 #

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Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 07 15:47:54 2023
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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
45) L9	AR-1268-5	9.338	7.886	60865489	87563150	57.595	46.565

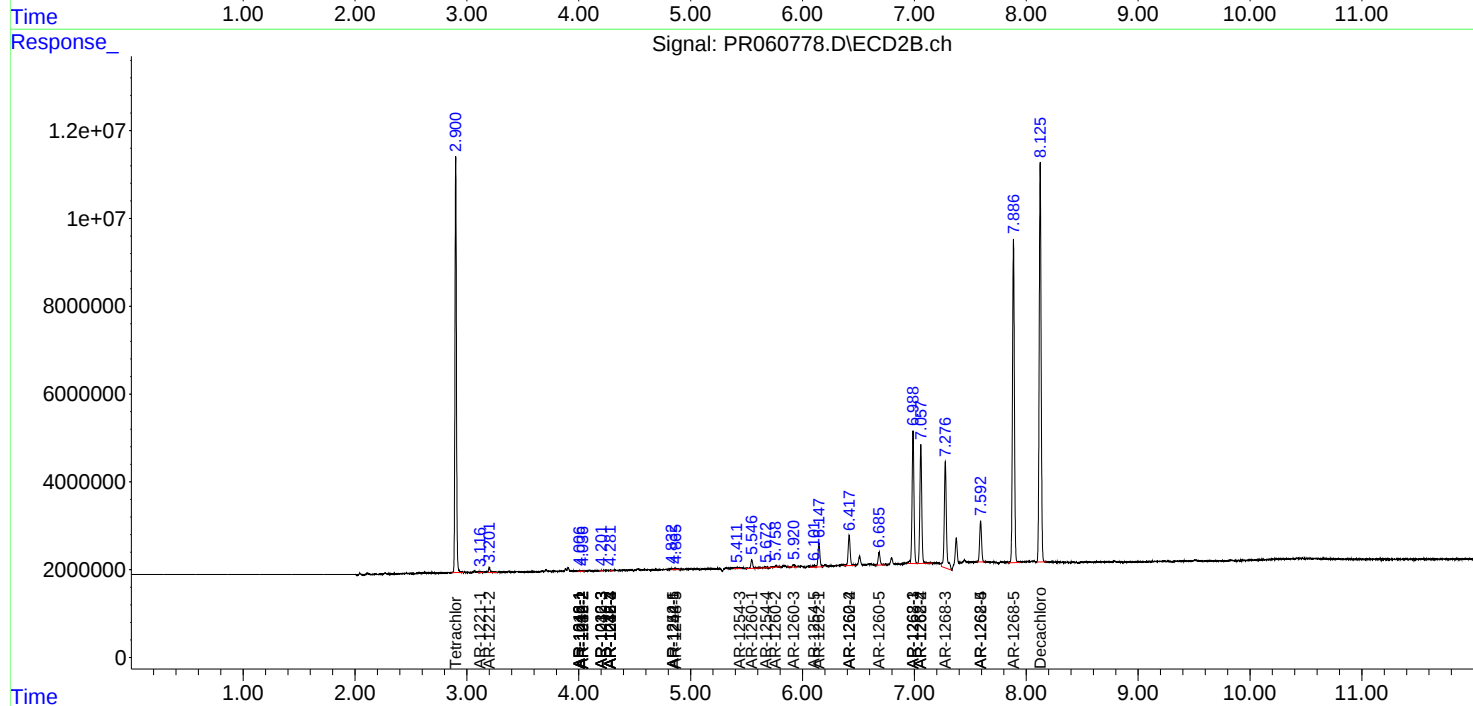
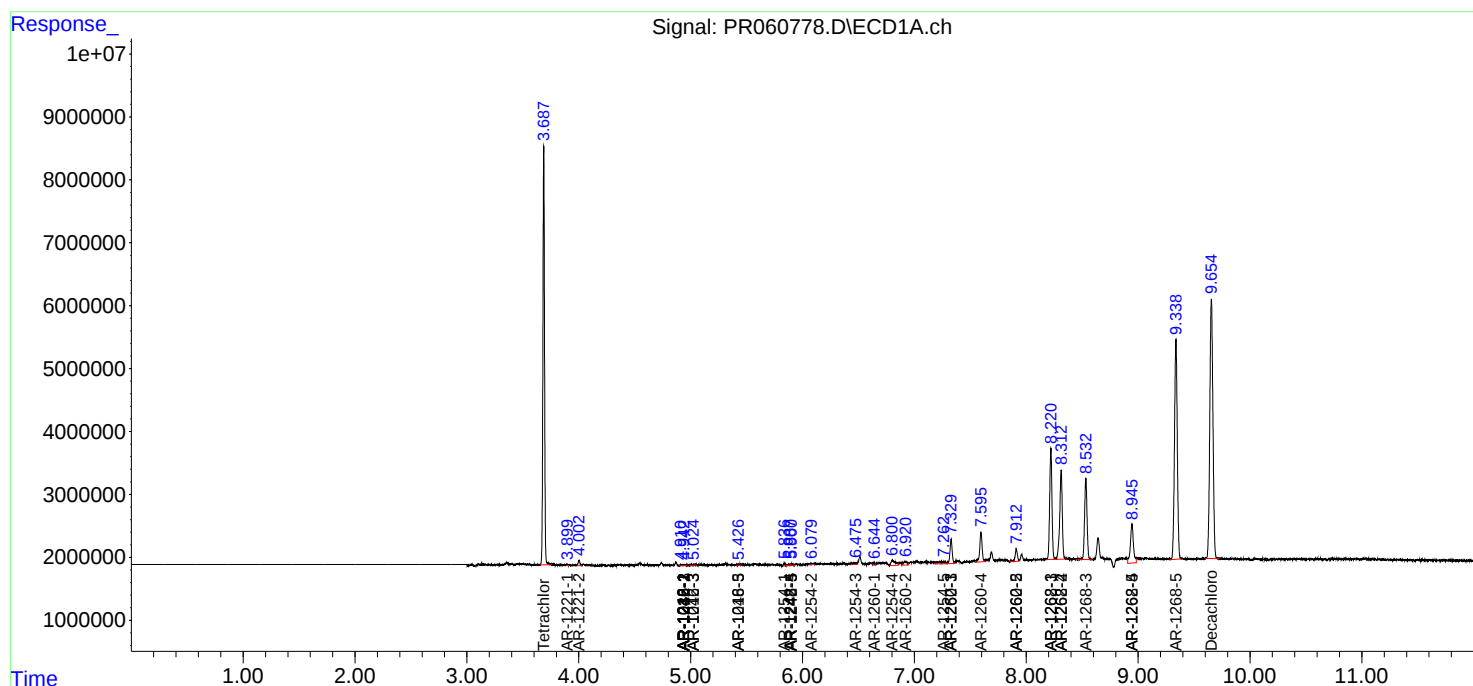
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

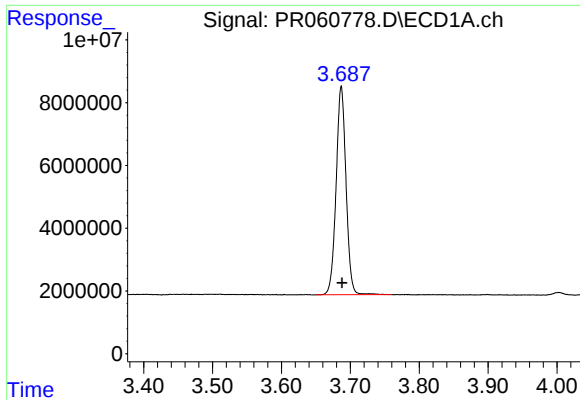
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
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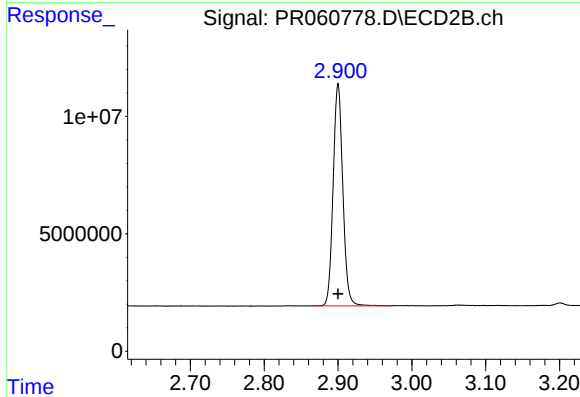




#1 Tetrachloro-m-xylene

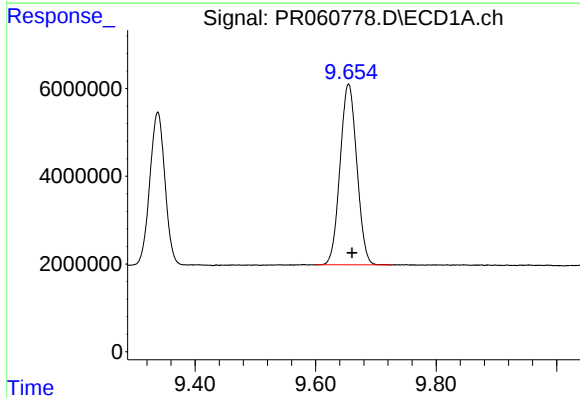
R.T.: 3.687 min
Delta R.T.: -0.001 min
Response: 66486323
Conc: 21.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



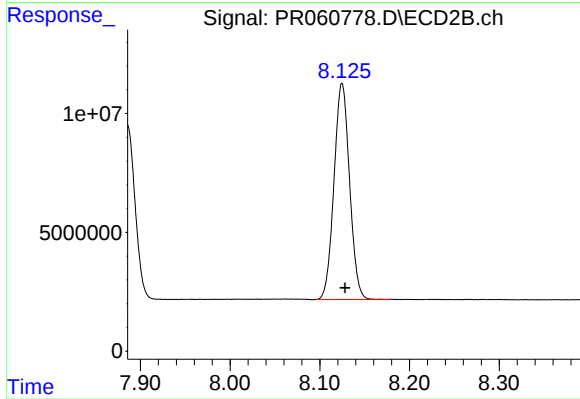
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 86065090
Conc: 20.22 ng/ml



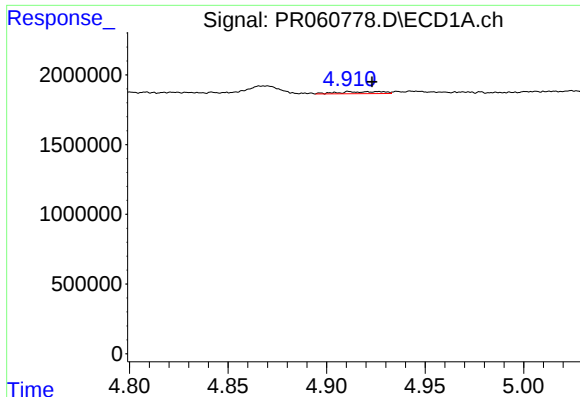
#2 Decachlorobiphenyl

R.T.: 9.655 min
Delta R.T.: -0.006 min
Response: 79538377
Conc: 28.04 ng/ml



#2 Decachlorobiphenyl

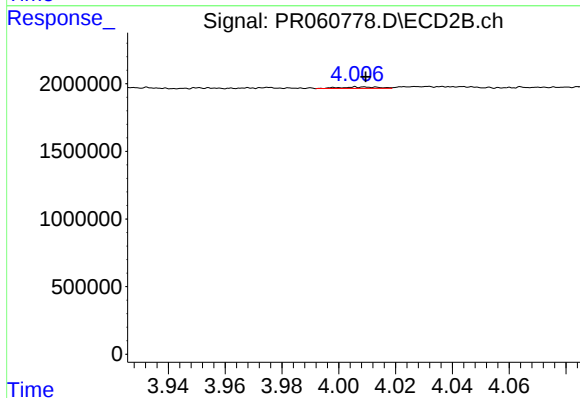
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 109565549
Conc: 25.20 ng/ml



#3 AR-1016-1

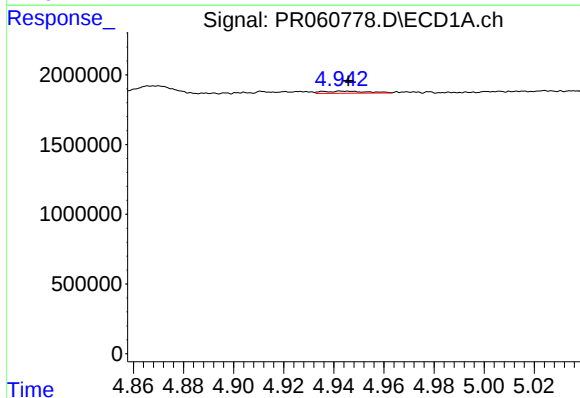
R.T.: 4.927 min
Delta R.T.: 0.004 min
Response: 218548
Conc: 1.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



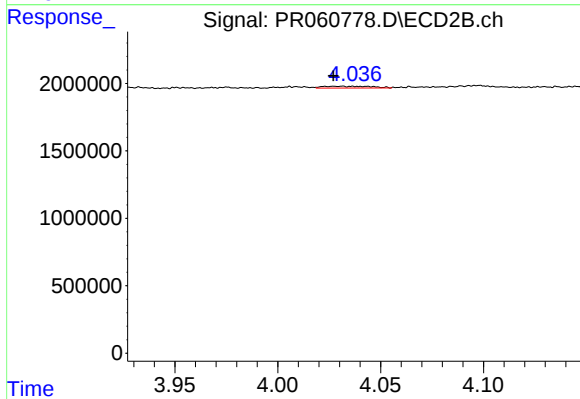
#3 AR-1016-1

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 105978
Conc: 0.72 ng/ml



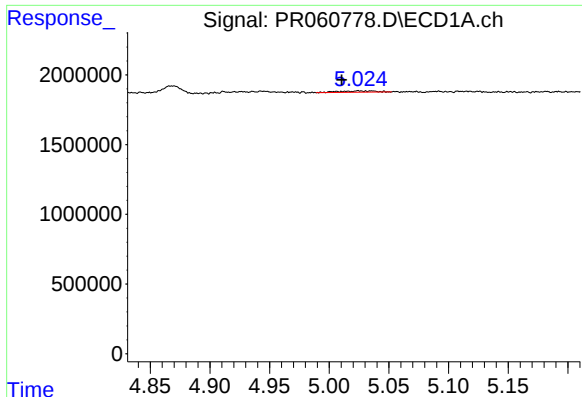
#4 AR-1016-2

R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 186264
Conc: 1.20 ng/ml



#4 AR-1016-2

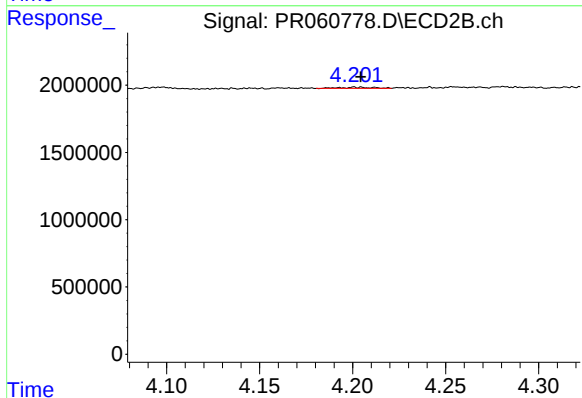
R.T.: 4.031 min
Delta R.T.: 0.004 min
Response: 221837
Conc: 1.05 ng/ml



#5 AR-1016-3

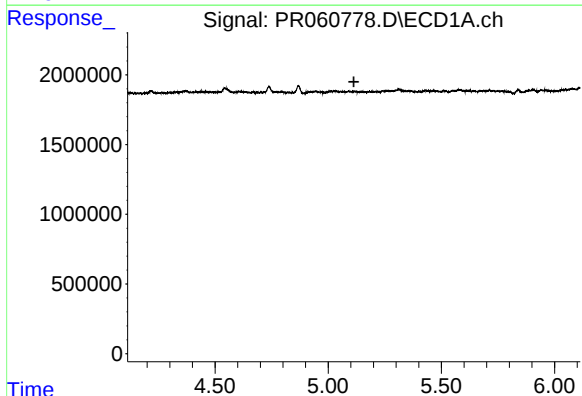
R.T.: 5.024 min
Delta R.T.: 0.014 min
Response: 209842
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



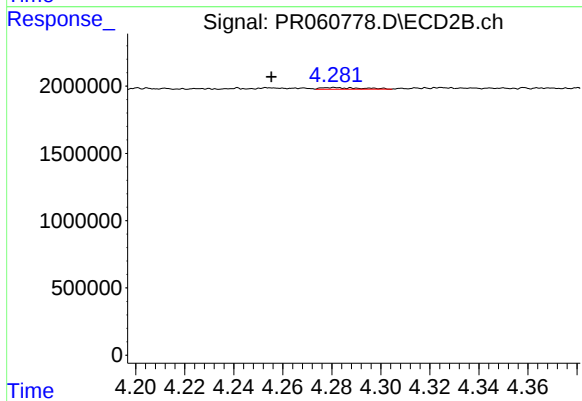
#5 AR-1016-3

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 112189
Conc: 1.02 ng/ml



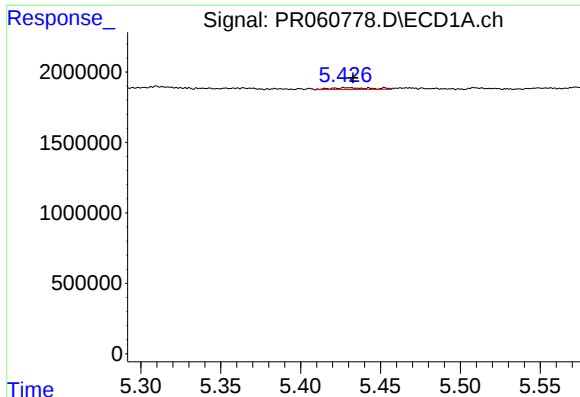
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#6 AR-1016-4

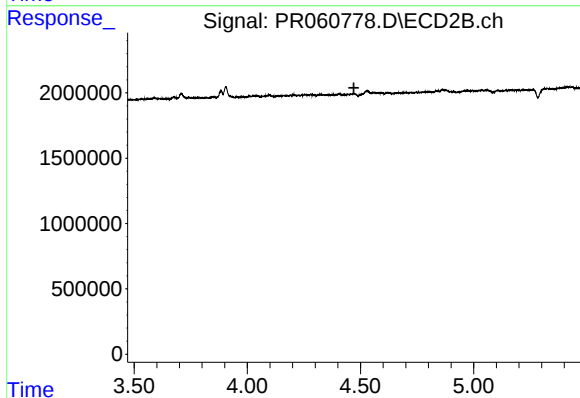
R.T.: 4.281 min
Delta R.T.: 0.026 min
Response: 138742
Conc: 1.62 ng/ml



#7 AR-1016-5

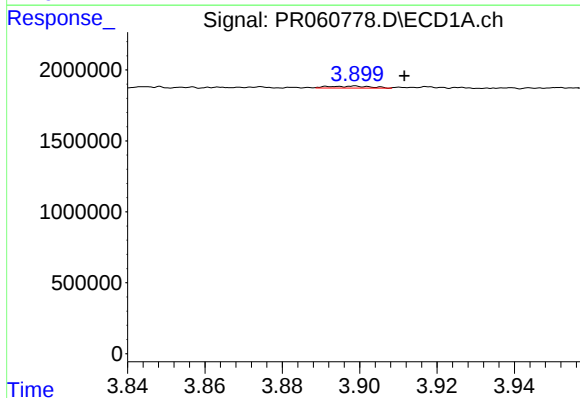
R.T.: 5.428 min
Delta R.T.: -0.005 min
Response: 221337
Conc: 2.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



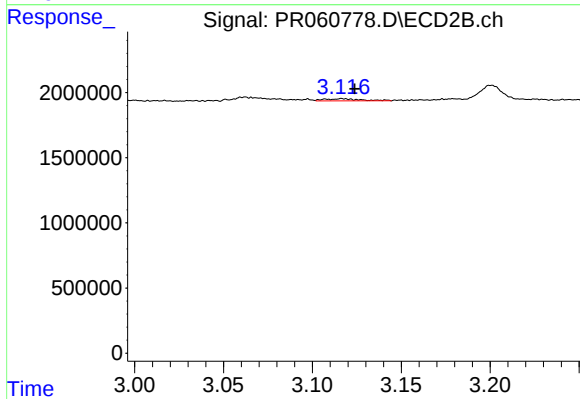
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.471 min
Response: 0
Conc: N.D.



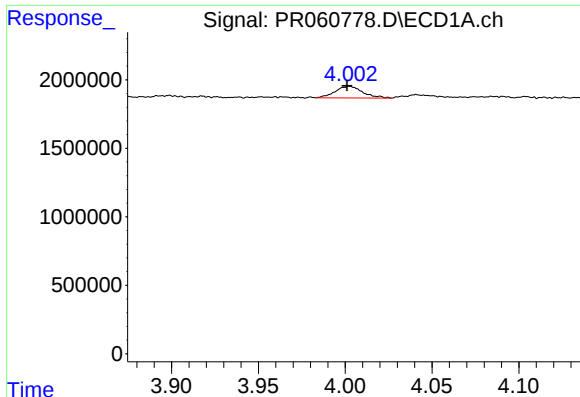
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.013 min
Response: 103477
Conc: 2.61 ng/ml



#8 AR-1221-1

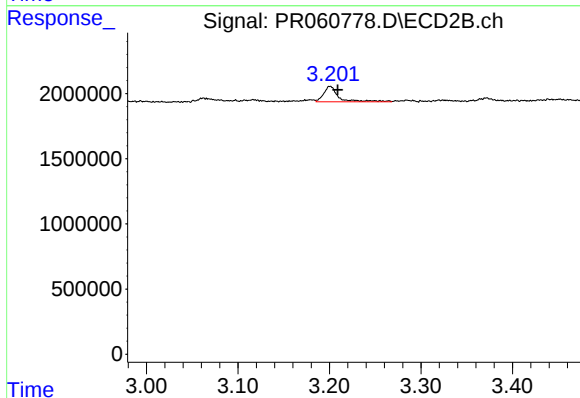
R.T.: 3.117 min
Delta R.T.: -0.007 min
Response: 220238
Conc: 4.64 ng/ml



#9 AR-1221-2

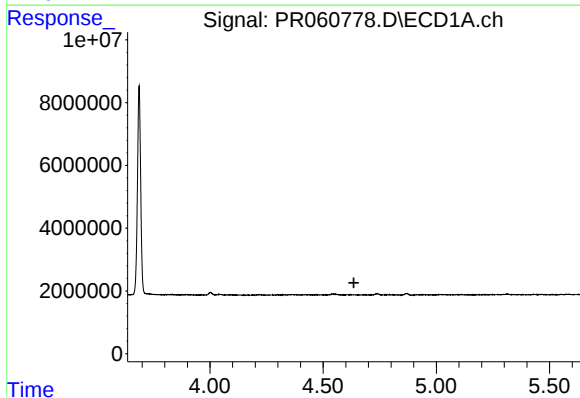
R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 943097
Conc: 32.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



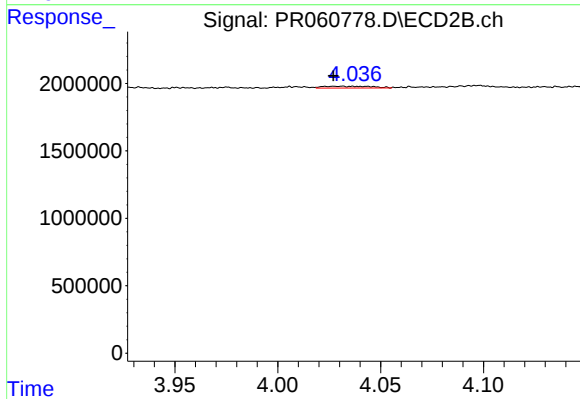
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1333899
Conc: 37.60 ng/ml



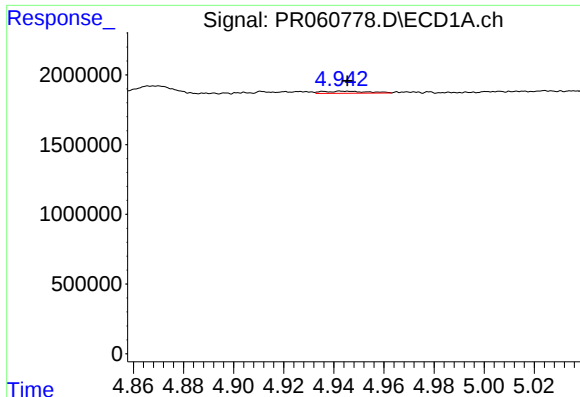
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.636 min
Response: 0
Conc: N.D.



#12 AR-1232-2

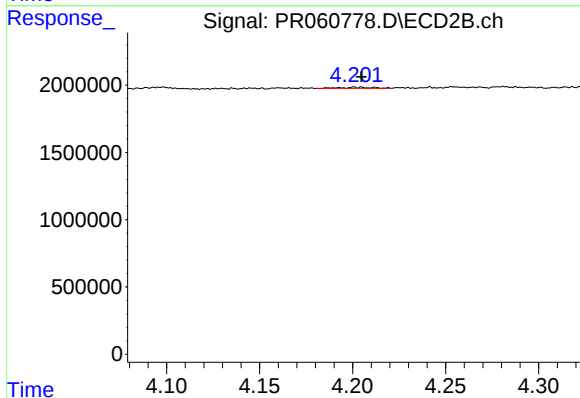
R.T.: 4.031 min
Delta R.T.: 0.004 min
Response: 221837
Conc: 2.43 ng/ml



#13 AR-1232-3

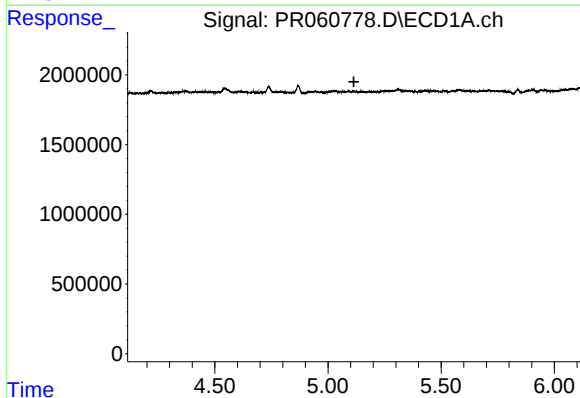
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 186264
Conc: 2.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



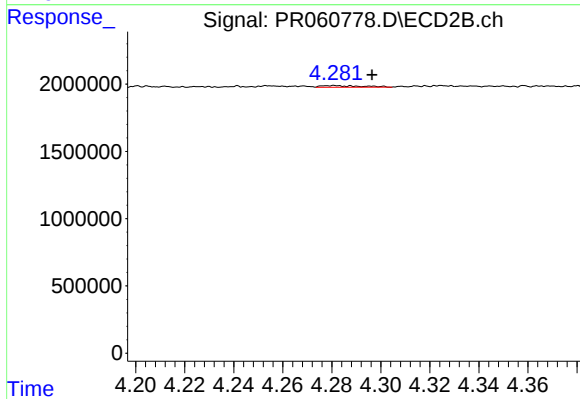
#13 AR-1232-3

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 112189
Conc: 2.42 ng/ml



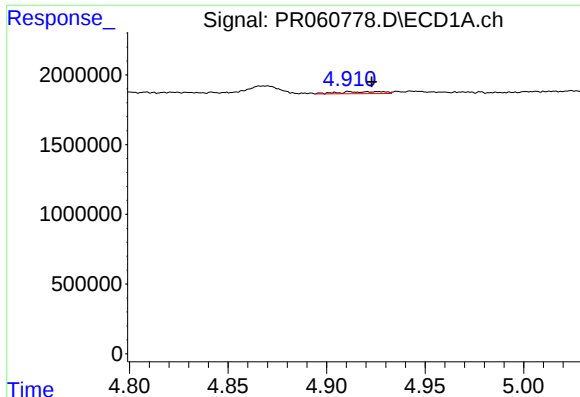
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#14 AR-1232-4

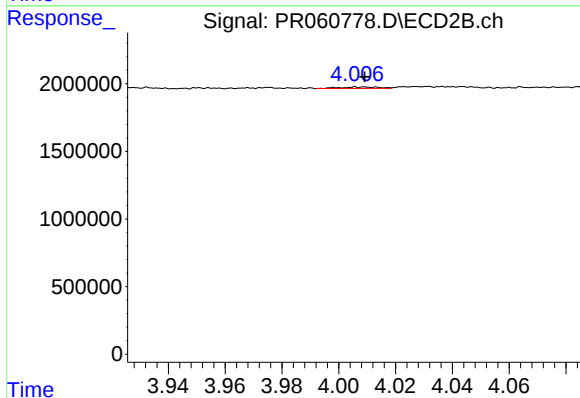
R.T.: 4.281 min
Delta R.T.: -0.015 min
Response: 138742
Conc: 3.40 ng/ml



#16 AR-1242-1

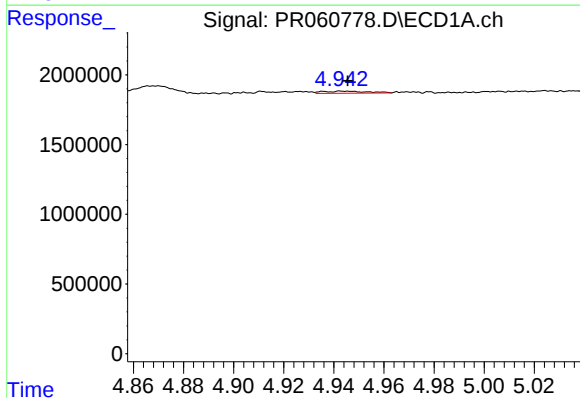
R.T.: 4.927 min
Delta R.T.: 0.004 min
Response: 218548
Conc: 2.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



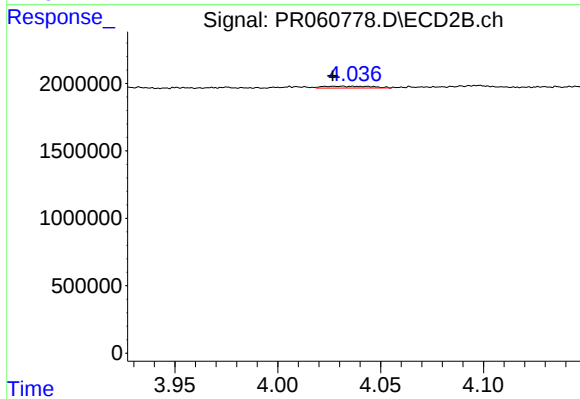
#16 AR-1242-1

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 105978
Conc: 0.91 ng/ml



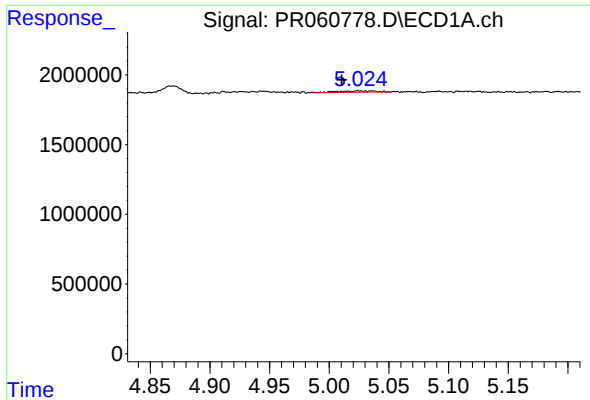
#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 186264
Conc: 1.50 ng/ml



#17 AR-1242-2

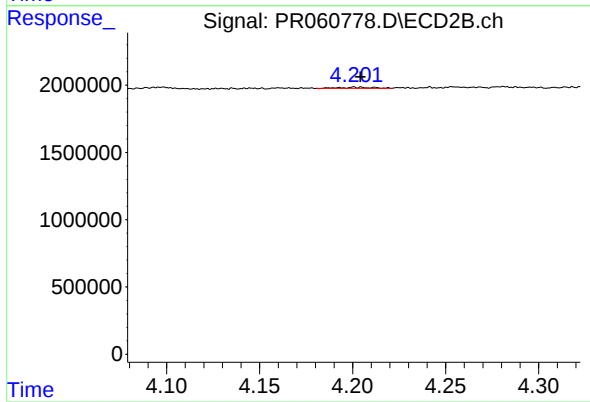
R.T.: 4.031 min
Delta R.T.: 0.004 min
Response: 221837
Conc: 1.33 ng/ml



#18 AR-1242-3

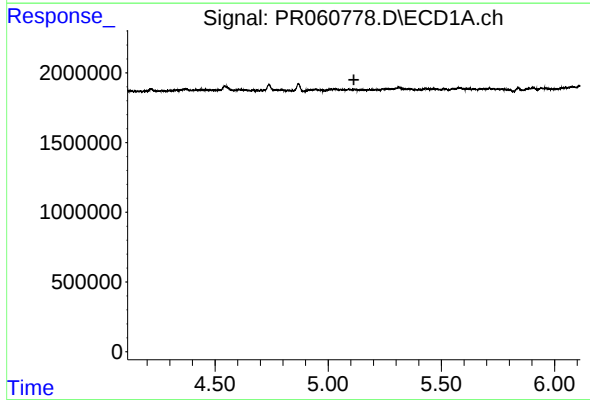
R.T.: 5.024 min
Delta R.T.: 0.014 min
Response: 209842
Conc: 2.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



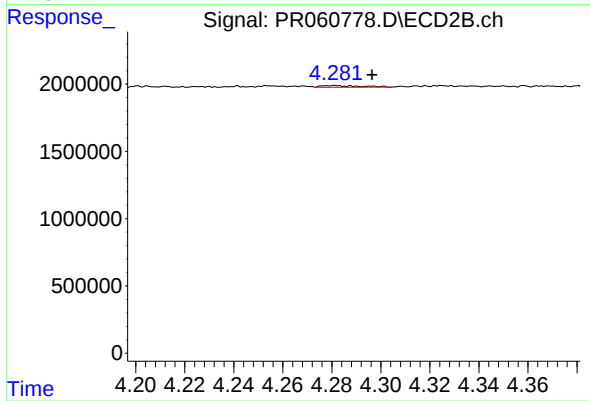
#18 AR-1242-3

R.T.: 4.201 min
Delta R.T.: -0.003 min
Response: 112189
Conc: 1.31 ng/ml



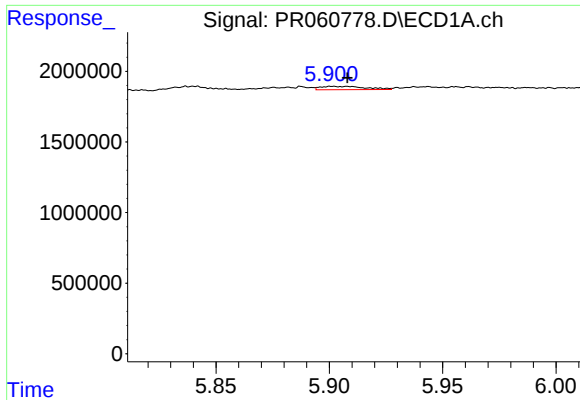
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#19 AR-1242-4

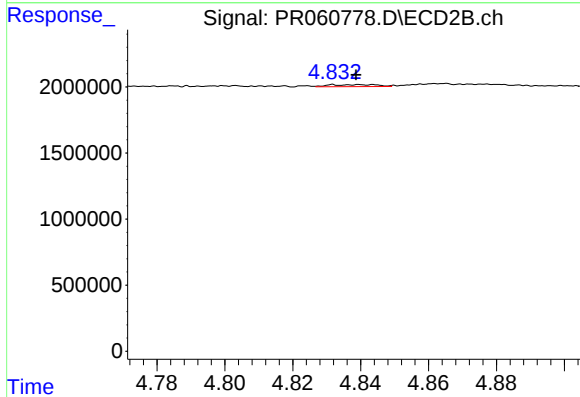
R.T.: 4.281 min
Delta R.T.: -0.015 min
Response: 138742
Conc: 1.72 ng/ml



#20 AR-1242-5

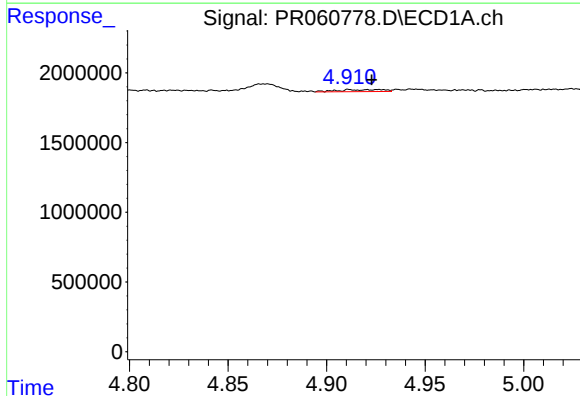
R.T.: 5.902 min
Delta R.T.: -0.006 min
Response: 324338
Conc: 4.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



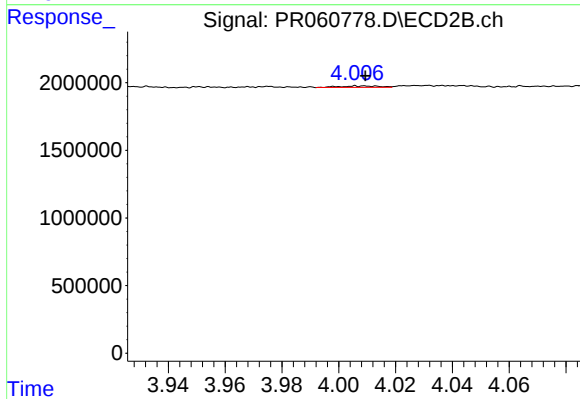
#20 AR-1242-5

R.T.: 4.843 min
Delta R.T.: 0.005 min
Response: 151006
Conc: 1.40 ng/ml



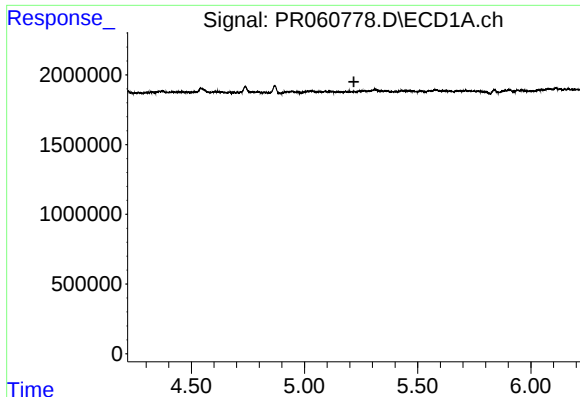
#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: 0.004 min
Response: 218548
Conc: 3.29 ng/ml



#21 AR-1248-1

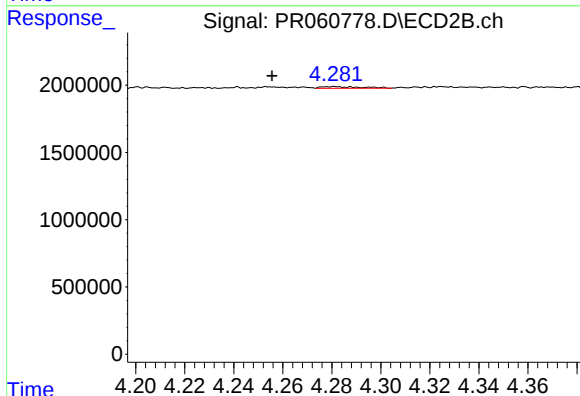
R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 105978
Conc: 1.23 ng/ml



#22 AR-1248-2

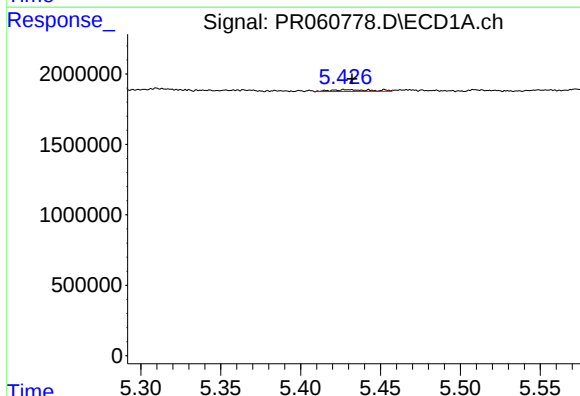
R.T.: 0.000 min
Exp R.T.: 5.218 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



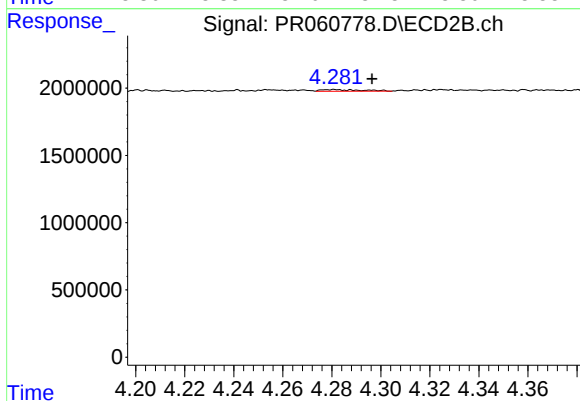
#22 AR-1248-2

R.T.: 4.281 min
Delta R.T.: 0.026 min
Response: 138742
Conc: 1.15 ng/ml



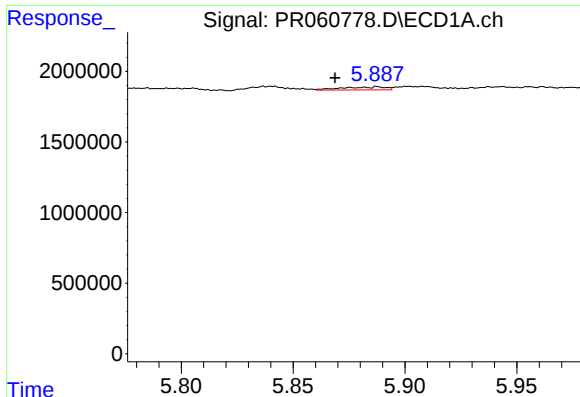
#23 AR-1248-3

R.T.: 5.428 min
Delta R.T.: -0.004 min
Response: 221337
Conc: 2.10 ng/ml



#23 AR-1248-3

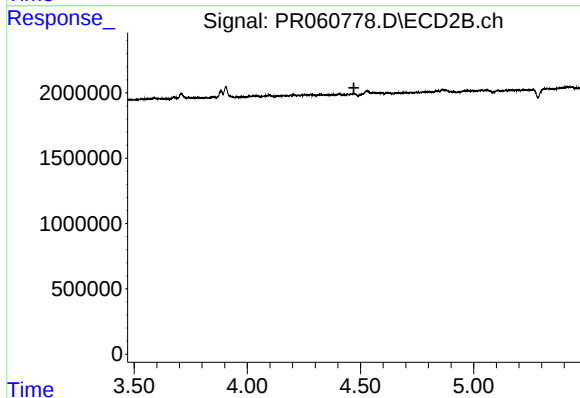
R.T.: 4.281 min
Delta R.T.: -0.015 min
Response: 138742
Conc: 1.14 ng/ml



#24 AR-1248-4

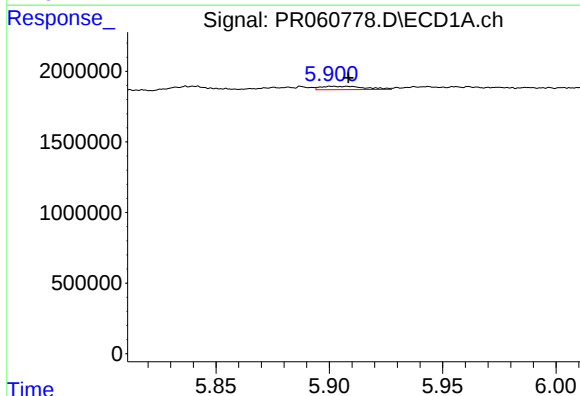
R.T.: 5.888 min
Delta R.T.: 0.019 min
Response: 295240
Conc: 2.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



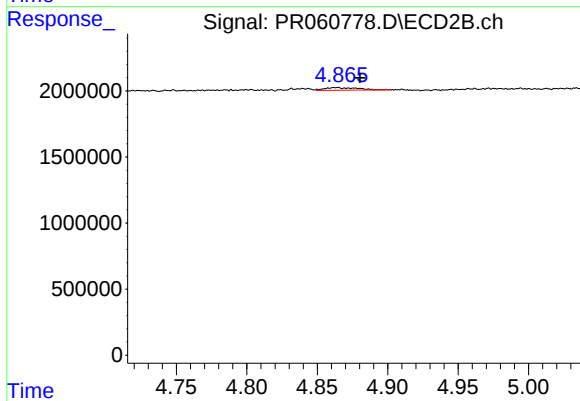
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.471 min
Response: 0
Conc: N.D.



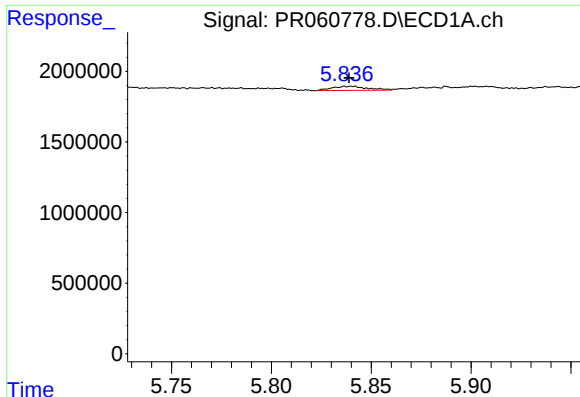
#25 AR-1248-5

R.T.: 5.902 min
Delta R.T.: -0.007 min
Response: 324338
Conc: 2.74 ng/ml



#25 AR-1248-5

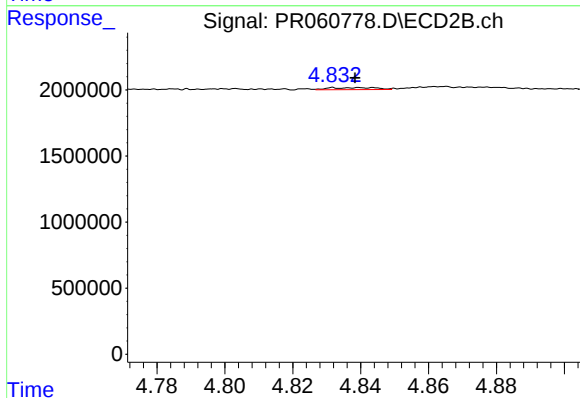
R.T.: 4.864 min
Delta R.T.: -0.017 min
Response: 337156
Conc: 2.19 ng/ml



#26 AR-1254-1

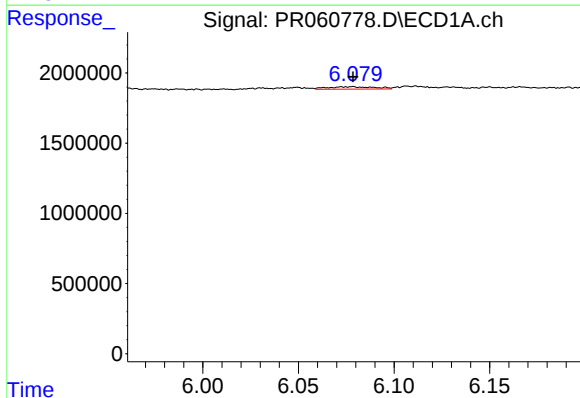
R.T.: 5.840 min
Delta R.T.: 0.001 min
Response: 365349
Conc: 3.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



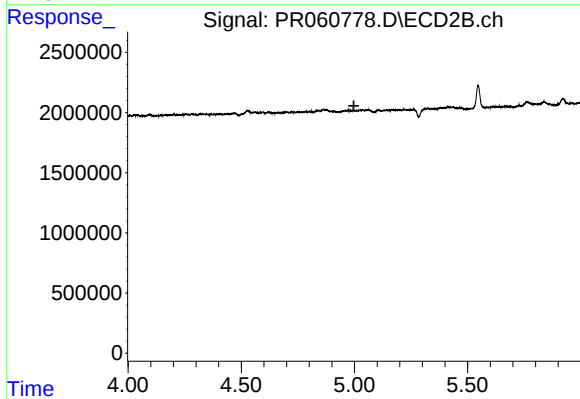
#26 AR-1254-1

R.T.: 4.843 min
Delta R.T.: 0.005 min
Response: 151006
Conc: 0.62 ng/ml



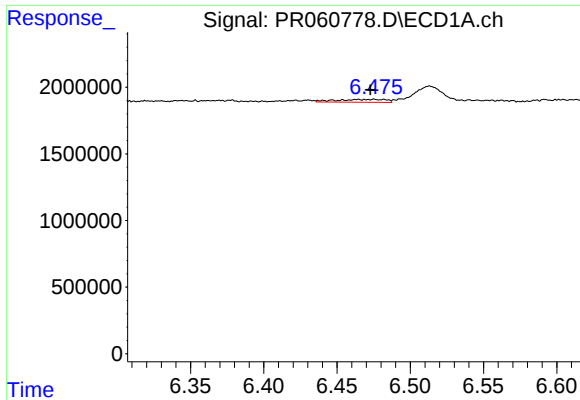
#27 AR-1254-2

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 293395
Conc: 1.54 ng/ml



#27 AR-1254-2

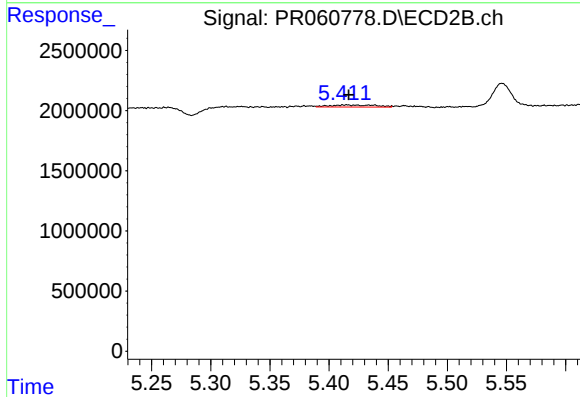
R.T.: 0.000 min
Exp R.T.: 4.997 min
Response: 0
Conc: N.D.



#28 AR-1254-3

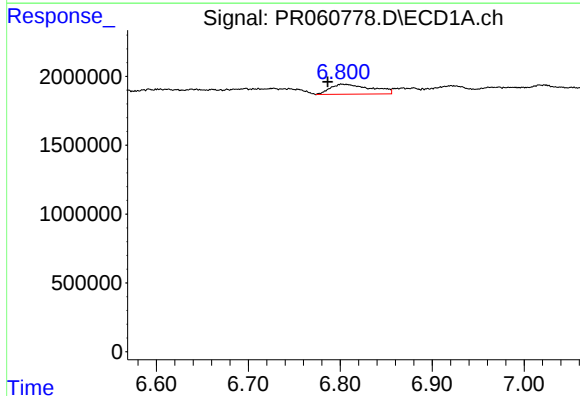
R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 505541
Conc: 2.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



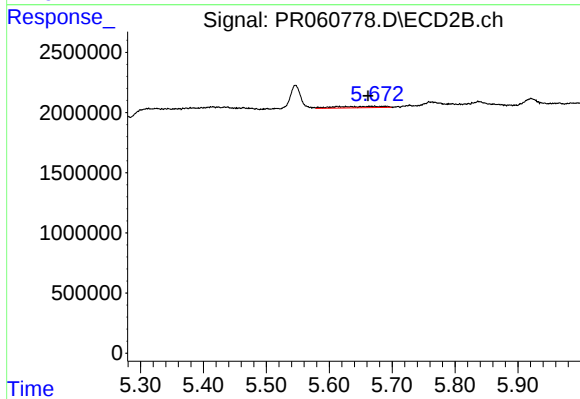
#28 AR-1254-3

R.T.: 5.438 min
Delta R.T.: 0.022 min
Response: 458778
Conc: 1.32 ng/ml



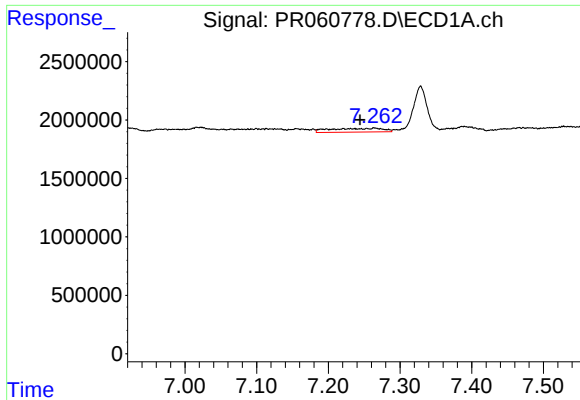
#29 AR-1254-4

R.T.: 6.802 min
Delta R.T.: 0.015 min
Response: 2240266
Conc: 14.39 ng/ml



#29 AR-1254-4

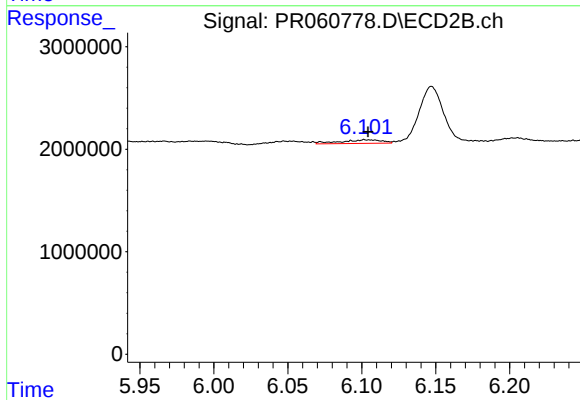
R.T.: 5.667 min
Delta R.T.: 0.005 min
Response: 617888
Conc: 2.80 ng/ml



#30 AR-1254-5

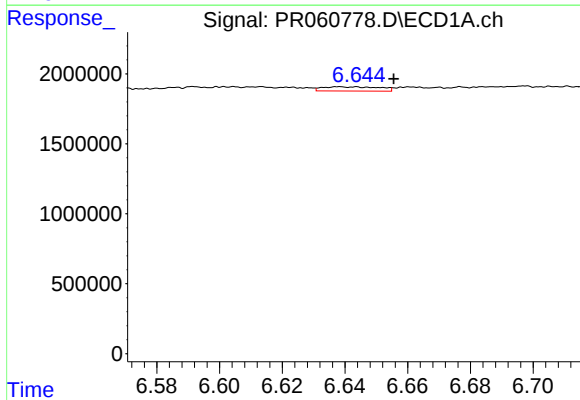
R.T.: 7.264 min
Delta R.T.: 0.020 min
Response: 1648441
Conc: 9.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



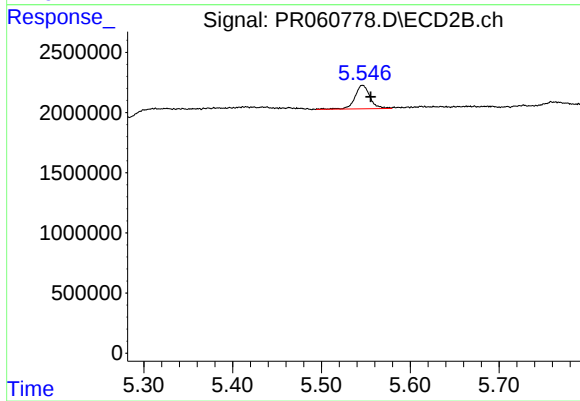
#30 AR-1254-5

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 669110
Conc: 2.09 ng/ml



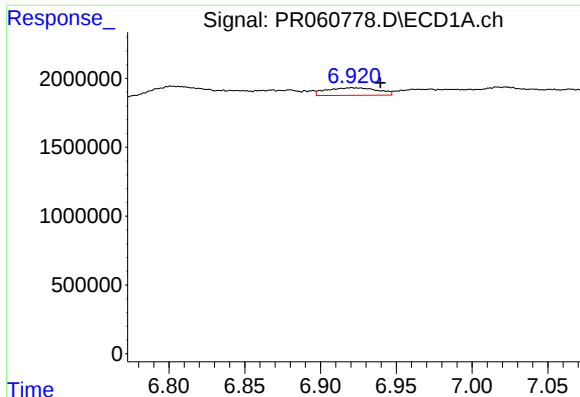
#31 AR-1260-1

R.T.: 6.643 min
Delta R.T.: -0.012 min
Response: 385539
Conc: 2.42 ng/ml



#31 AR-1260-1

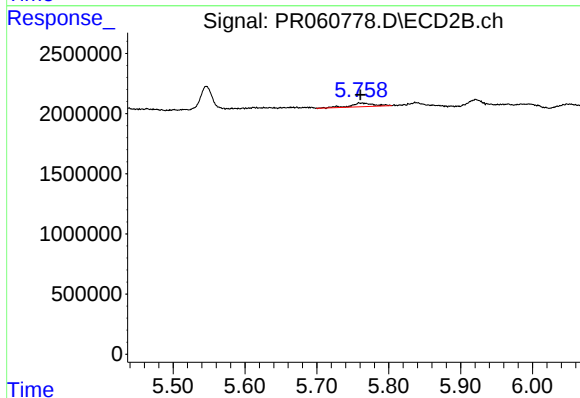
R.T.: 5.546 min
Delta R.T.: -0.009 min
Response: 2306620
Conc: 9.41 ng/ml



#32 AR-1260-2

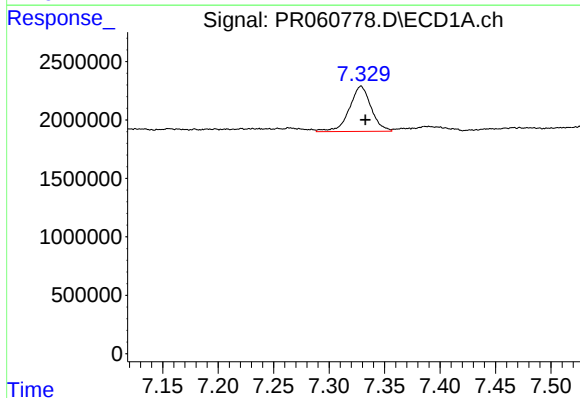
R.T.: 6.921 min
Delta R.T.: -0.019 min
Response: 1280259
Conc: 6.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



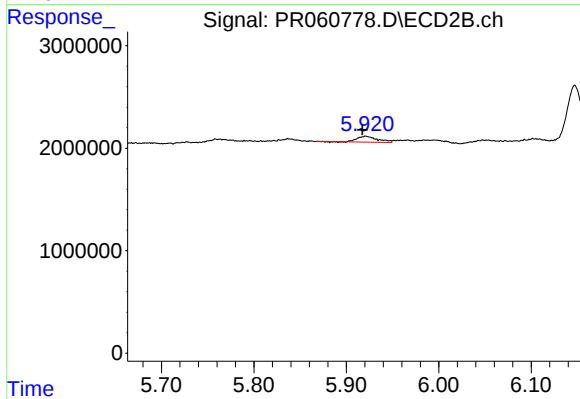
#32 AR-1260-2

R.T.: 5.762 min
Delta R.T.: 0.002 min
Response: 648604
Conc: 2.09 ng/ml



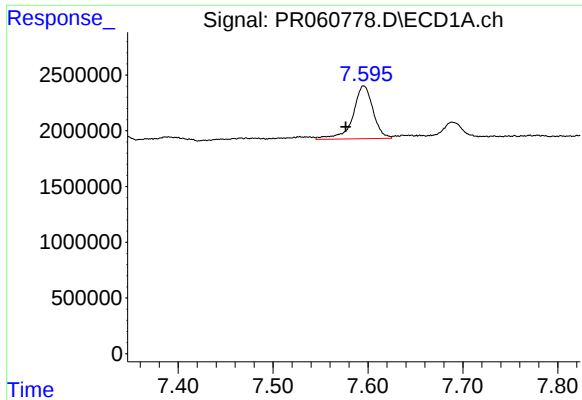
#33 AR-1260-3

R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 5300670
Conc: 37.24 ng/ml



#33 AR-1260-3

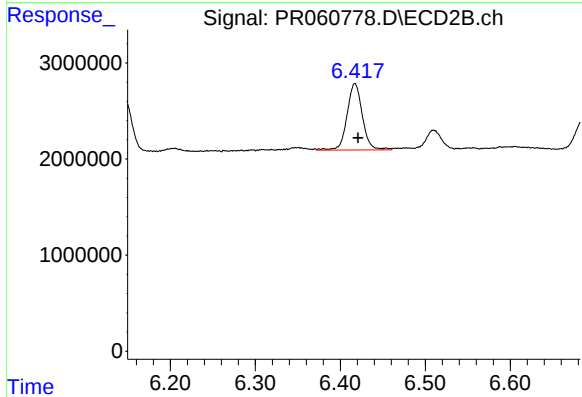
R.T.: 5.921 min
Delta R.T.: 0.004 min
Response: 878513
Conc: 3.13 ng/ml



#34 AR-1260-4

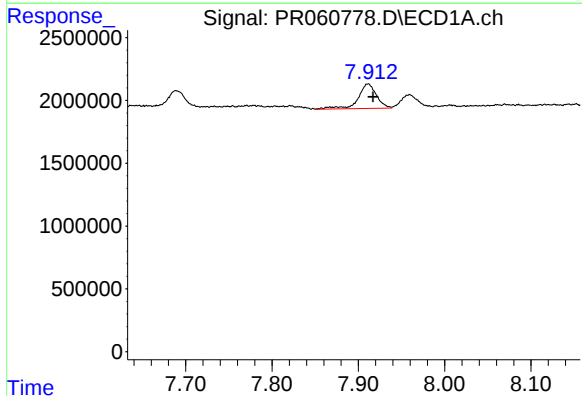
R.T.: 7.596 min
Delta R.T.: 0.019 min
Response: 6978422
Conc: 42.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



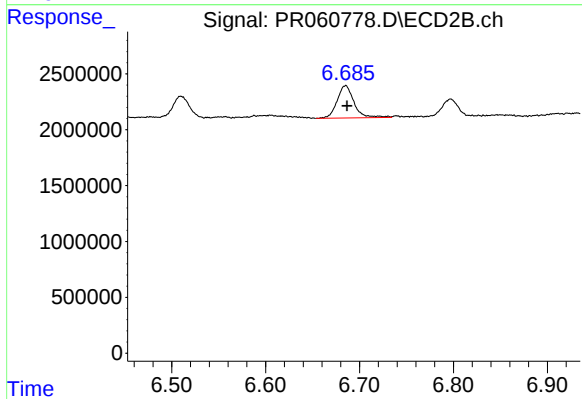
#34 AR-1260-4

R.T.: 6.417 min
Delta R.T.: -0.004 min
Response: 8706040
Conc: 36.17 ng/ml



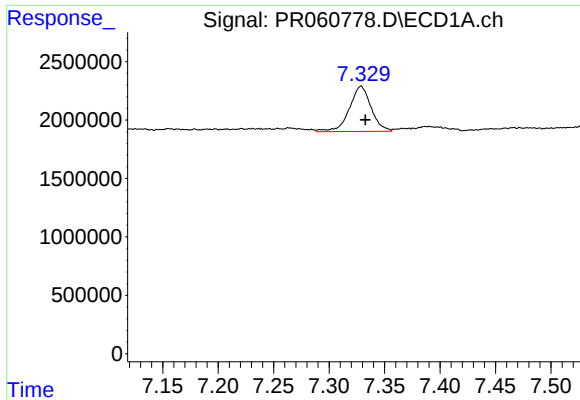
#35 AR-1260-5

R.T.: 7.911 min
Delta R.T.: -0.006 min
Response: 2851056
Conc: 9.02 ng/ml



#35 AR-1260-5

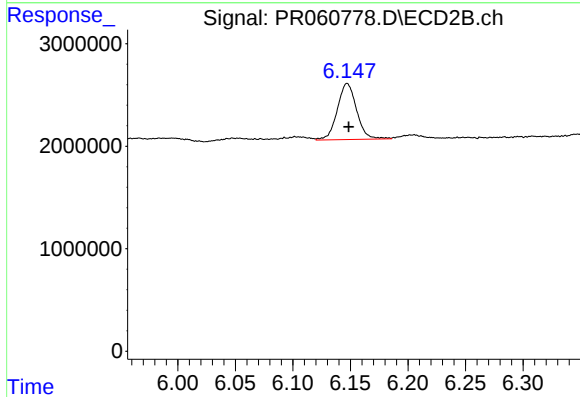
R.T.: 6.685 min
Delta R.T.: -0.002 min
Response: 3642283
Conc: 6.26 ng/ml



#36 AR-1262-1

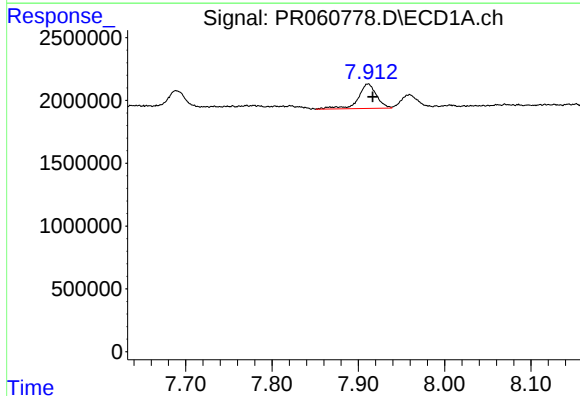
R.T.: 7.329 min
Delta R.T.: -0.004 min
Response: 5300670
Conc: 28.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



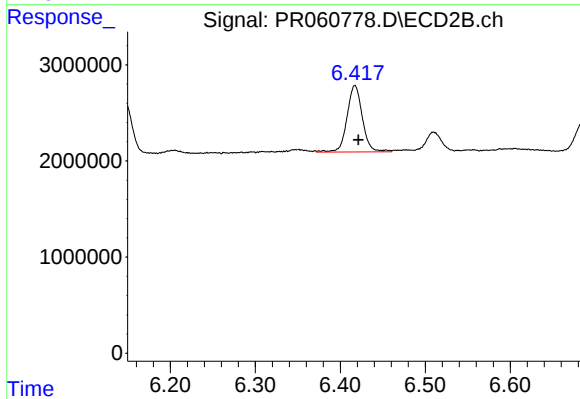
#36 AR-1262-1

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 6381490
Conc: 20.23 ng/ml



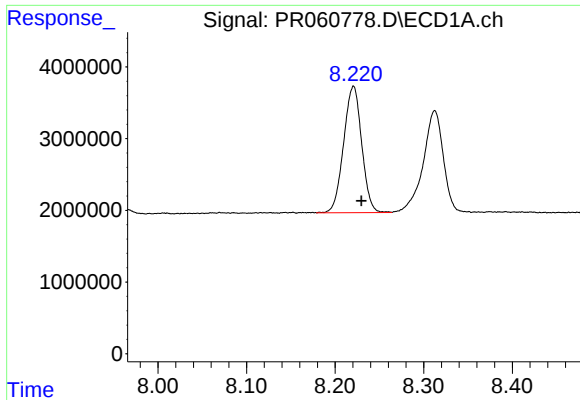
#37 AR-1262-2

R.T.: 7.911 min
Delta R.T.: -0.005 min
Response: 2851056
Conc: 8.46 ng/ml



#37 AR-1262-2

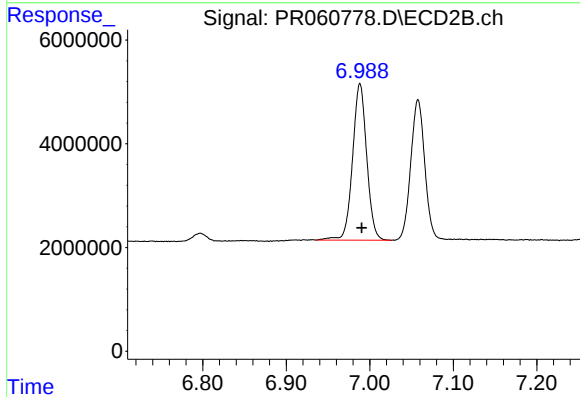
R.T.: 6.417 min
Delta R.T.: -0.004 min
Response: 8706040
Conc: 30.21 ng/ml



#38 AR-1262-3

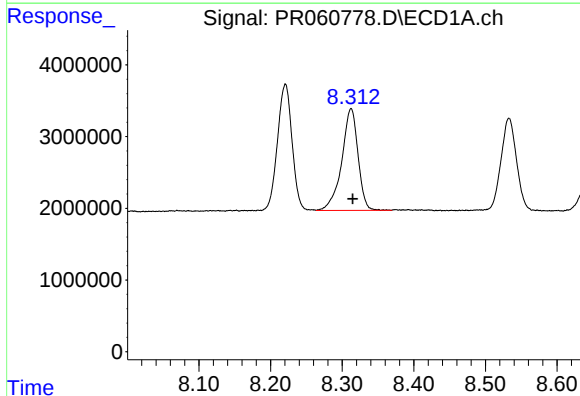
R.T.: 8.221 min
Delta R.T.: -0.009 min
Response: 25019430
Conc: 108.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



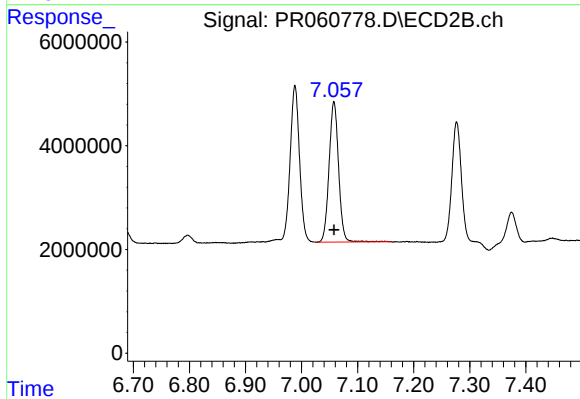
#38 AR-1262-3

R.T.: 6.988 min
Delta R.T.: -0.002 min
Response: 35574932
Conc: 157.08 ng/ml



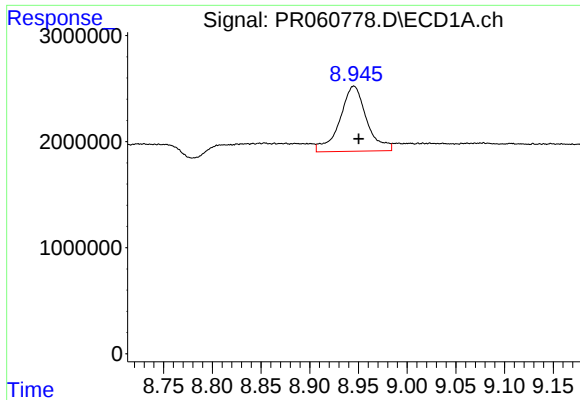
#39 AR-1262-4

R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 22467206
Conc: 127.66 ng/ml



#39 AR-1262-4

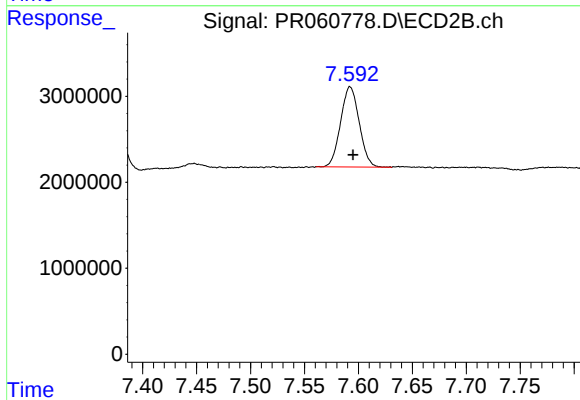
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 31940888
Conc: 74.28 ng/ml



#40 AR-1262-5

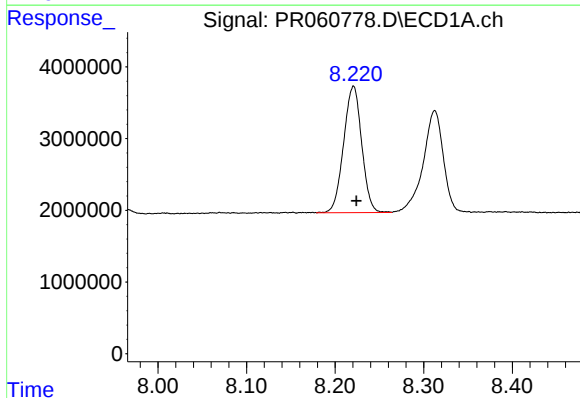
R.T.: 8.945 min
Delta R.T.: -0.005 min
Response: 11748468
Conc: 93.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



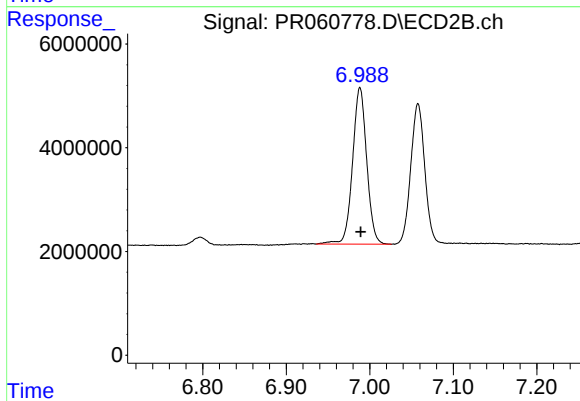
#40 AR-1262-5

R.T.: 7.592 min
Delta R.T.: -0.003 min
Response: 11225681
Conc: 56.06 ng/ml



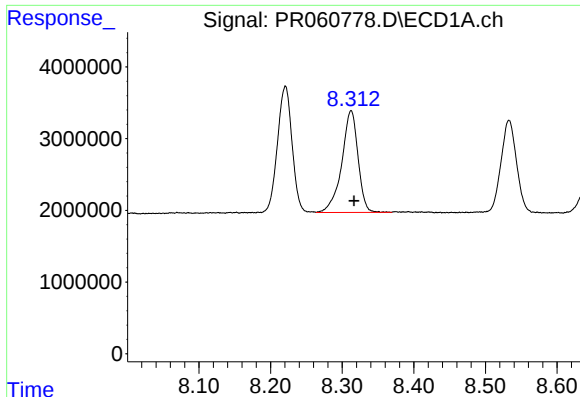
#41 AR-1268-1

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 25019430
Conc: 60.53 ng/ml



#41 AR-1268-1

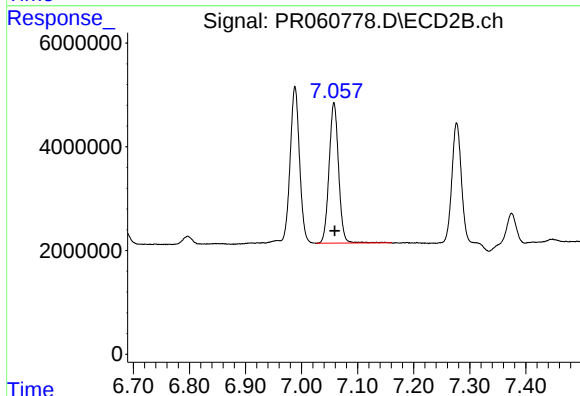
R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 35574932
Conc: 48.28 ng/ml



#42 AR-1268-2

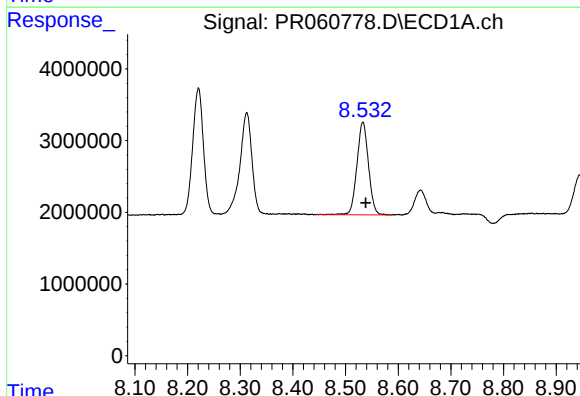
R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 22467206
Conc: 59.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



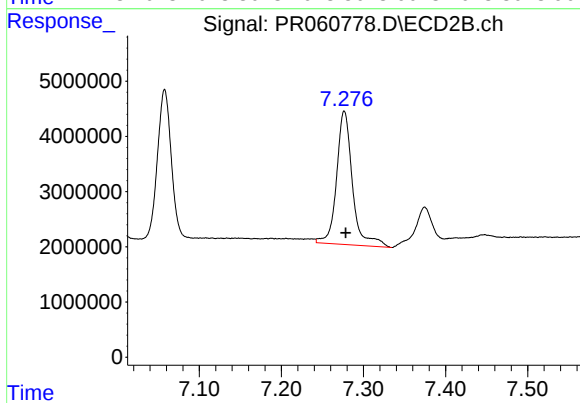
#42 AR-1268-2

R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 31940888
Conc: 47.77 ng/ml



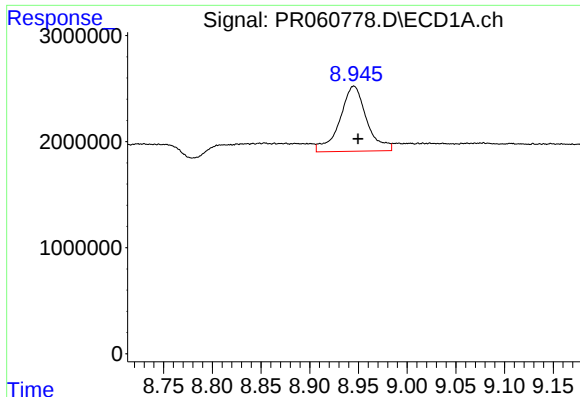
#43 AR-1268-3

R.T.: 8.533 min
Delta R.T.: -0.005 min
Response: 19630020
Conc: 61.22 ng/ml



#43 AR-1268-3

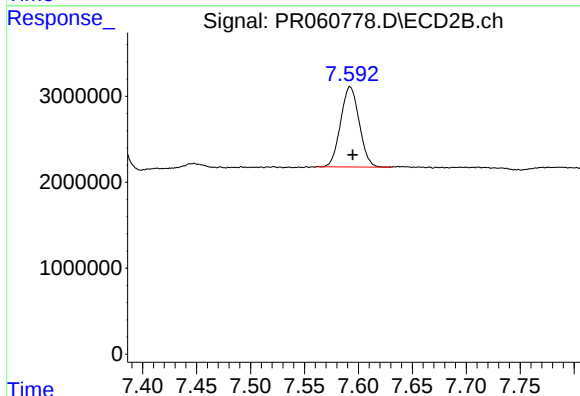
R.T.: 7.277 min
Delta R.T.: -0.002 min
Response: 32485924
Conc: 57.16 ng/ml



#44 AR-1268-4

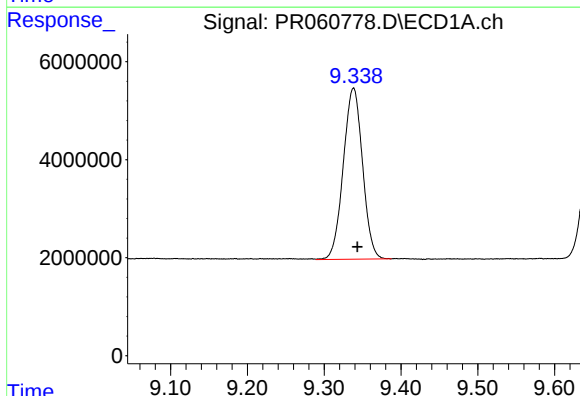
R.T.: 8.945 min
Delta R.T.: -0.004 min
Response: 11748468
Conc: 81.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



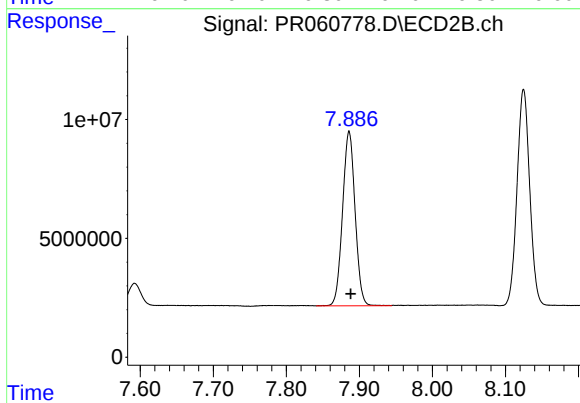
#44 AR-1268-4

R.T.: 7.592 min
Delta R.T.: -0.002 min
Response: 11225681
Conc: 48.14 ng/ml



#45 AR-1268-5

R.T.: 9.338 min
Delta R.T.: -0.005 min
Response: 60865489
Conc: 57.59 ng/ml



#45 AR-1268-5

R.T.: 7.886 min
Delta R.T.: -0.002 min
Response: 87563150
Conc: 46.57 ng/ml