

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:17
 Operator : AJ\MA
 Sample : 02213-01
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:51:37 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...	3.688	2.900	63395536	81676172	20.766	19.192
2)	SA Decachlor...	9.660	8.128	64232624	88270440	22.643	20.305
Target Compounds							
3)	L1 AR-1016-1	4.927	4.033f	392471	389978	3.545	2.637 #
4)	L1 AR-1016-2	4.945	4.033	290107	389978	1.864	1.838
5)	L1 AR-1016-3	5.028f	0.000	736437	0	7.548	N.D. #
6)	L1 AR-1016-4	0.000	4.253	0	124918	N.D.	1.461 #
7)	L1 AR-1016-5	0.000	4.456	0	367428	N.D.	3.217 #
8)	L2 AR-1221-1	0.000	3.118	0	268558	N.D.	5.655 #
9)	L2 AR-1221-2	4.003	3.201	950459	1234977	32.735	34.813
10)	L2 AR-1221-3	4.076	3.282	159941	206271	1.789	1.823
11)	L3 AR-1232-1	4.076	3.282	159941	206271	2.149	2.211
12)	L3 AR-1232-2	4.626	4.033	175060	389978	4.816	4.264
13)	L3 AR-1232-3	4.945	0.000	290107	0	4.117	N.D. #
14)	L3 AR-1232-4	0.000	4.324f	0	185356	N.D.	4.540 #
15)	L3 AR-1232-5	5.237f	4.456	265471	367428	10.130	7.820
16)	L4 AR-1242-1	4.927	4.033f	392471	389978	4.448	3.358
17)	L4 AR-1242-2	4.945	4.033	290107	389978	2.339	2.339
18)	L4 AR-1242-3	5.028f	0.000	736437	0	9.426	N.D. #
19)	L4 AR-1242-4	0.000	4.324f	0	185356	N.D.	2.292 #
20)	L4 AR-1242-5	5.908	4.838	495726	755295	7.160	7.011
21)	L5 AR-1248-1	4.927	4.033f	392471	389978	5.906	4.535
22)	L5 AR-1248-2	5.237f	4.253	265471	124918	2.990	1.039 #
23)	L5 AR-1248-3	0.000	4.324f	0	185356	N.D.	1.521 #
24)	L5 AR-1248-4	5.839f	4.456	1055182	367428	8.776	2.434 #
25)	L5 AR-1248-5	5.908	4.863f	495726	495169	4.188	3.222
26)	L6 AR-1254-1	5.839	4.838	1055182	755295	8.761	3.124 #
27)	L6 AR-1254-2	6.079	4.998	1357404	761117	7.120	3.643 #
28)	L6 AR-1254-3	6.468	5.434f	955294	3487921	4.656	10.023 #
29)	L6 AR-1254-4	6.789	0.000	217998	0	1.400	N.D. #
30)	L6 AR-1254-5	7.241	6.103	4748503	4668852	28.223	14.568 #
31)	L7 AR-1260-1	6.653	5.555	3896165	5098074	24.456	20.800
32)	L7 AR-1260-2	6.938	5.760	4651335	5953301	24.104	19.156
33)	L7 AR-1260-3	7.331	5.918	6432893	5993638	45.192	21.349 #
34)	L7 AR-1260-4	7.576	6.421	6682738	8112168	40.876	33.701
35)	L7 AR-1260-5	7.915	6.686	10556379	14936038	33.379	25.654
36)	L8 AR-1262-1	7.331	6.148	6432893	8355272	34.034	26.488
37)	L8 AR-1262-2	7.915	6.421	10556379	8112168	31.332	28.151
38)	L8 AR-1262-3	8.228	6.990	7667018	6356647	33.295	28.067
39)	L8 AR-1262-4	8.313	7.057	6345979	11478660	36.060	26.694 #
40)	L8 AR-1262-5	8.950	7.594	4577367	5294819	36.539	26.444 #
41)	L9 AR-1268-1	8.228	6.990	7667018	6356647	18.549	8.626 #

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 ALS Vial : 23 Sample Multiplier: 1

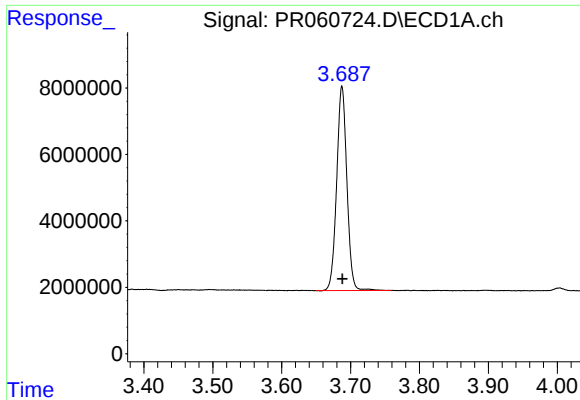
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:51:37 2023
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 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
42) L9	AR-1268-2	8.313	7.057	6345979	11478660	16.872	17.167
43) L9	AR-1268-3	8.538	7.278	673678	1323324	2.101	2.328
44) L9	AR-1268-4	8.950	7.594	4577367	5294819	31.854	22.706 #
45) L9	AR-1268-5	9.343	7.888	1799121	2450016	1.702	1.303

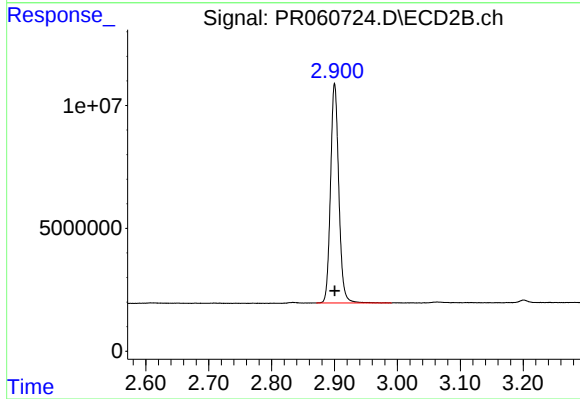
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

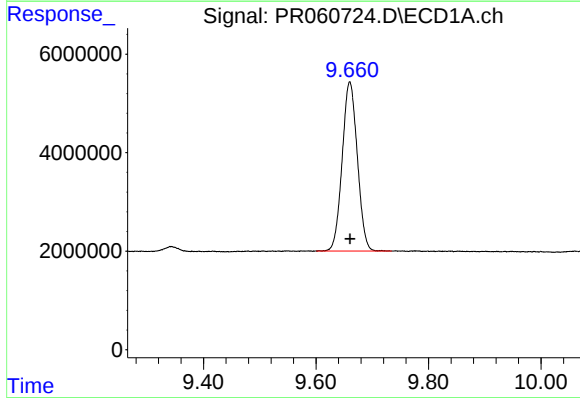
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 63395536
Conc: 20.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



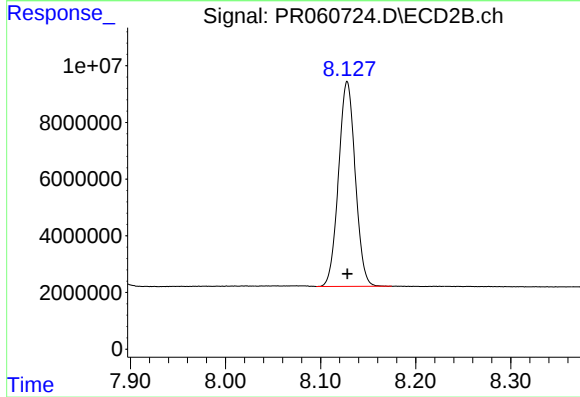
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 81676172
Conc: 19.19 ng/ml



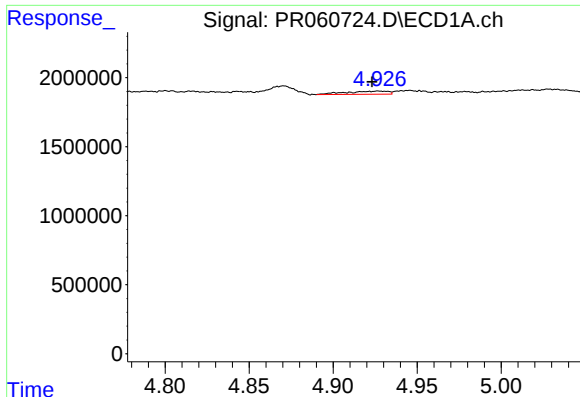
#2 Decachlorobiphenyl

R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 64232624
Conc: 22.64 ng/ml



#2 Decachlorobiphenyl

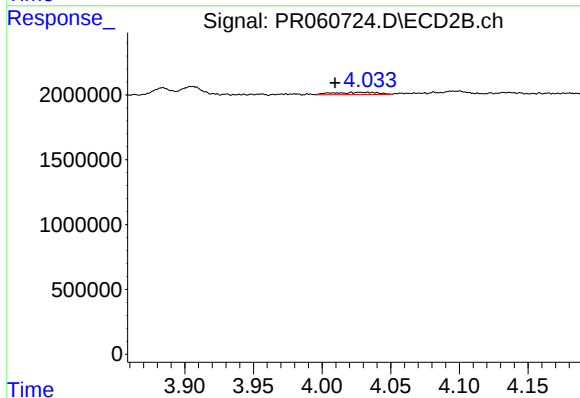
R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 88270440
Conc: 20.30 ng/ml



#3 AR-1016-1

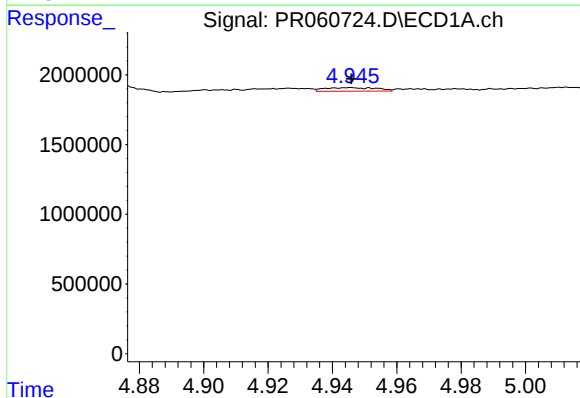
R.T.: 4.927 min
Delta R.T.: 0.004 min
Response: 392471
Conc: 3.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



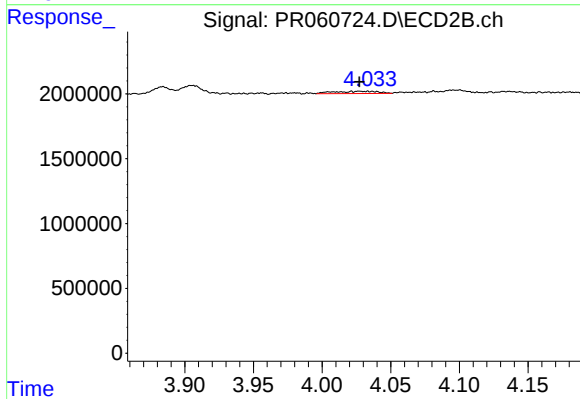
#3 AR-1016-1

R.T.: 4.033 min
Delta R.T.: 0.024 min
Response: 389978
Conc: 2.64 ng/ml



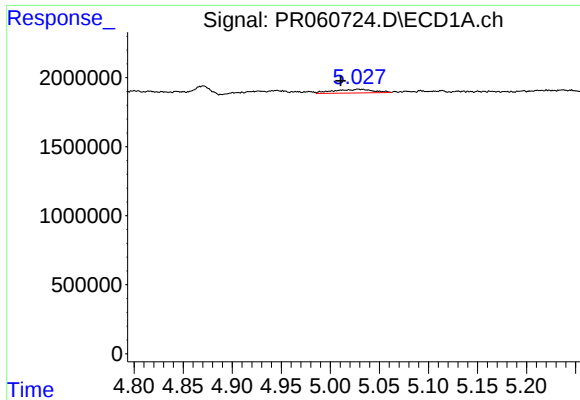
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 290107
Conc: 1.86 ng/ml



#4 AR-1016-2

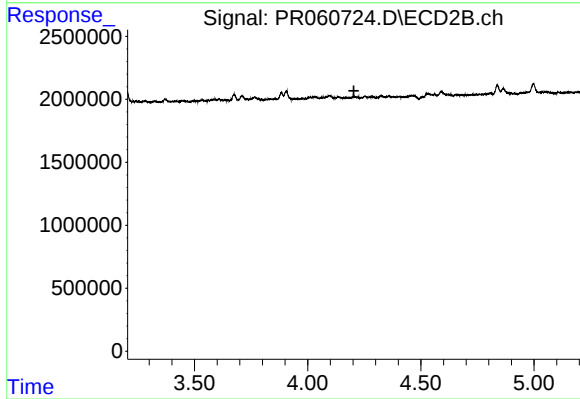
R.T.: 4.033 min
Delta R.T.: 0.006 min
Response: 389978
Conc: 1.84 ng/ml



#5 AR-1016-3

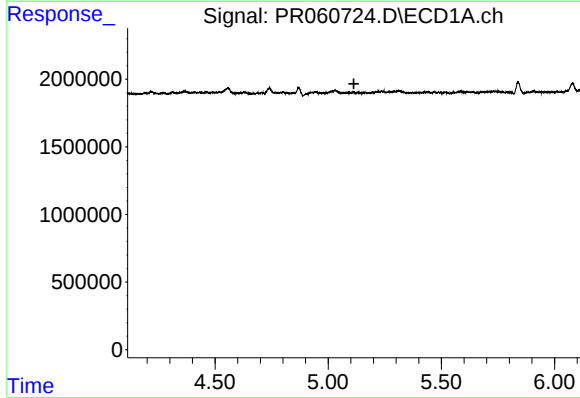
R.T.: 5.028 min
Delta R.T.: 0.018 min
Response: 736437
Conc: 7.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



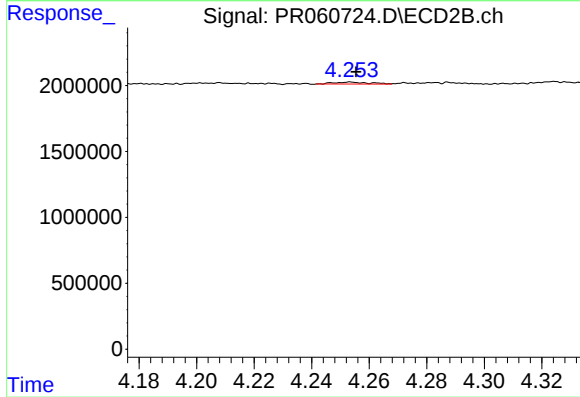
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



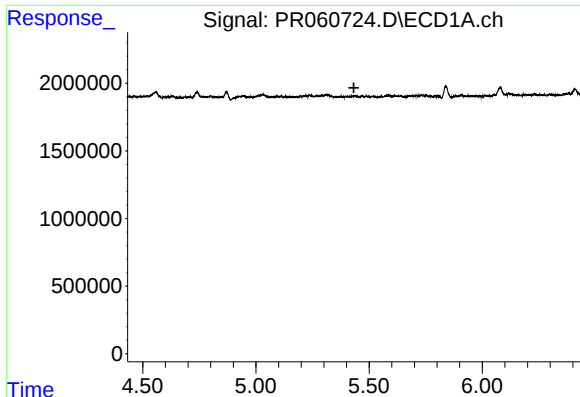
#6 AR-1016-4

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



#6 AR-1016-4

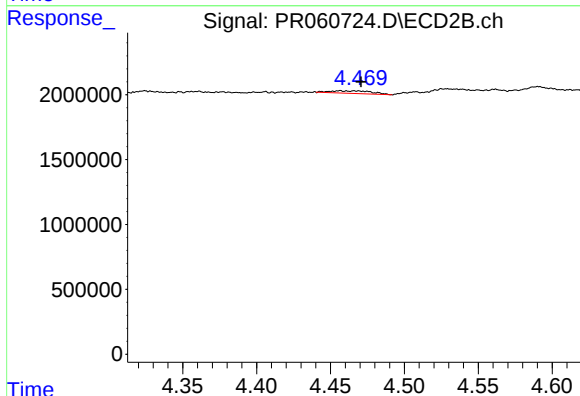
R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 124918
Conc: 1.46 ng/ml



#7 AR-1016-5

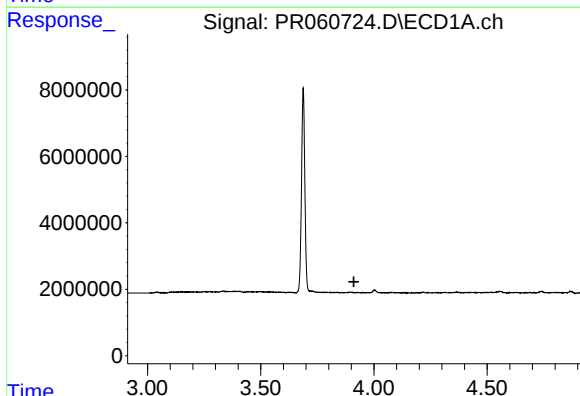
R.T.: 0.000 min
Exp R.T.: 5.433 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



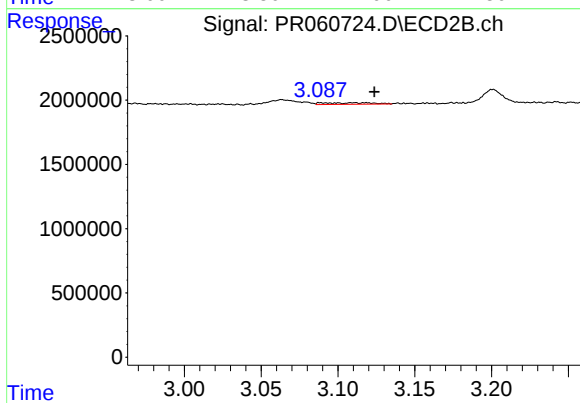
#7 AR-1016-5

R.T.: 4.456 min
Delta R.T.: -0.014 min
Response: 367428
Conc: 3.22 ng/ml



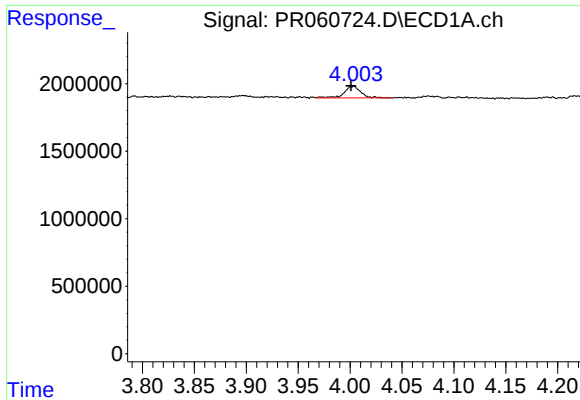
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.912 min
Response: 0
Conc: N.D.



#8 AR-1221-1

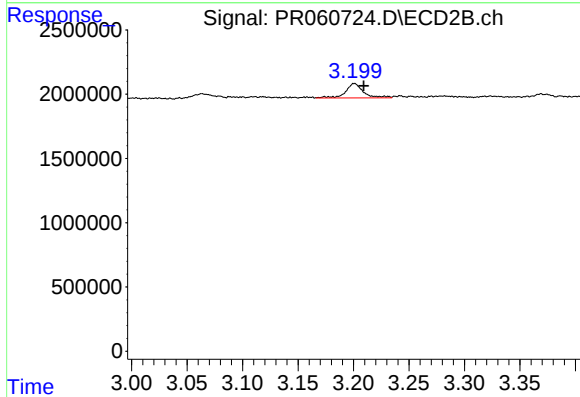
R.T.: 3.118 min
Delta R.T.: -0.005 min
Response: 268558
Conc: 5.65 ng/ml



#9 AR-1221-2

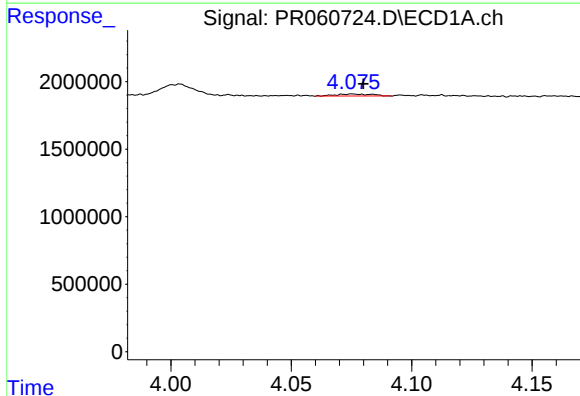
R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 950459
Conc: 32.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



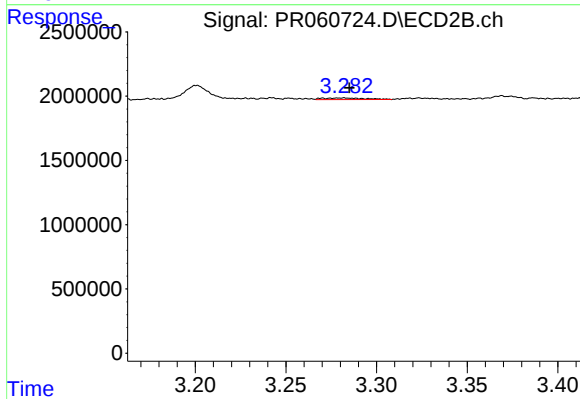
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1234977
Conc: 34.81 ng/ml



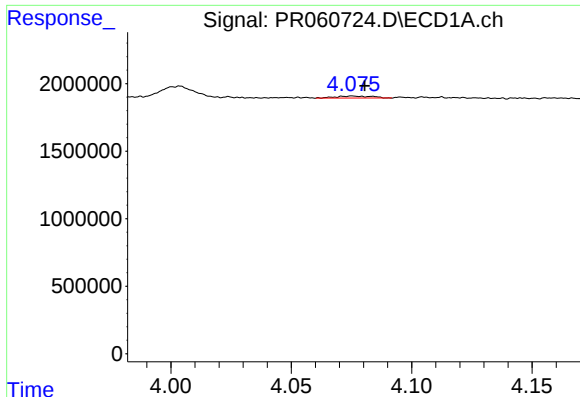
#10 AR-1221-3

R.T.: 4.076 min
Delta R.T.: -0.004 min
Response: 159941
Conc: 1.79 ng/ml



#10 AR-1221-3

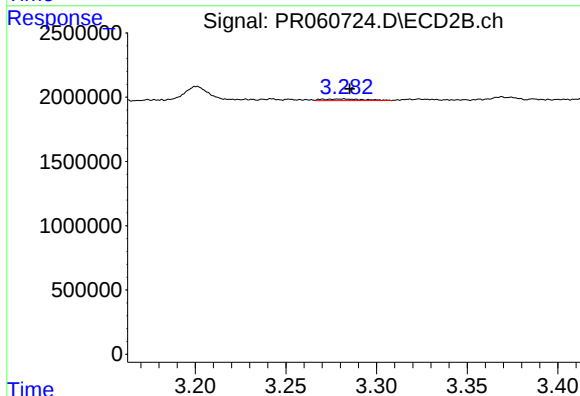
R.T.: 3.282 min
Delta R.T.: -0.003 min
Response: 206271
Conc: 1.82 ng/ml



#11 AR-1232-1

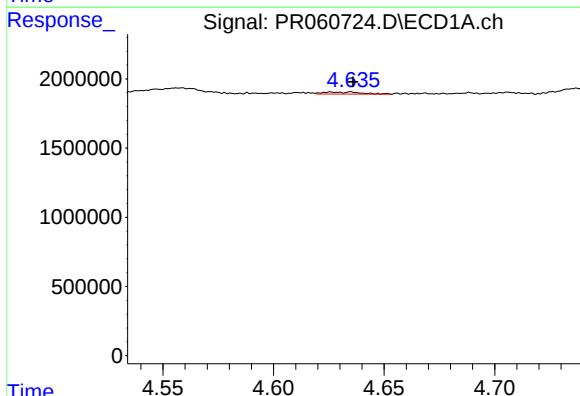
R.T.: 4.076 min
Delta R.T.: -0.005 min
Response: 159941
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



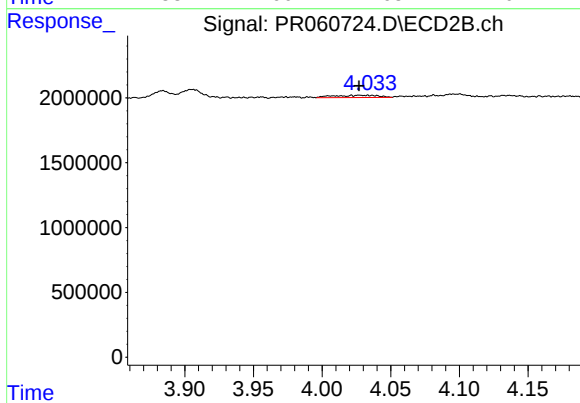
#11 AR-1232-1

R.T.: 3.282 min
Delta R.T.: -0.003 min
Response: 206271
Conc: 2.21 ng/ml



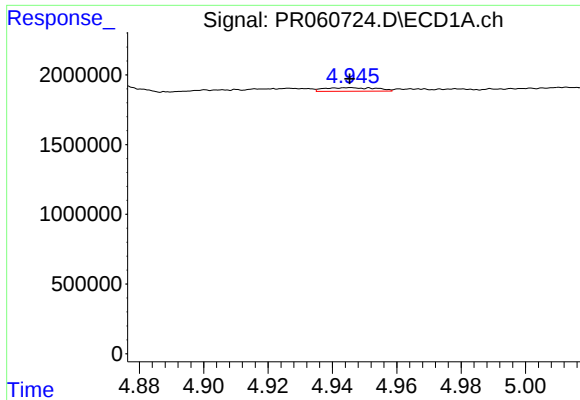
#12 AR-1232-2

R.T.: 4.626 min
Delta R.T.: -0.010 min
Response: 175060
Conc: 4.82 ng/ml



#12 AR-1232-2

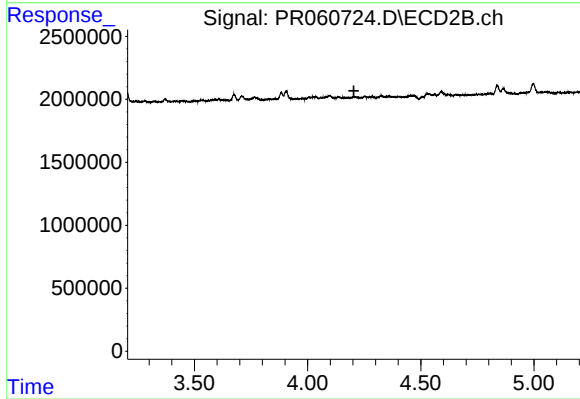
R.T.: 4.033 min
Delta R.T.: 0.006 min
Response: 389978
Conc: 4.26 ng/ml



#13 AR-1232-3

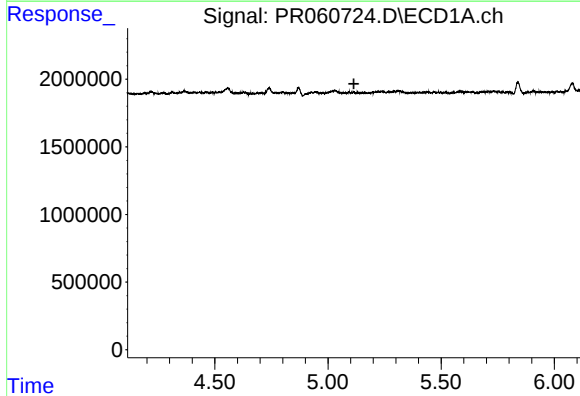
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 290107
Conc: 4.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



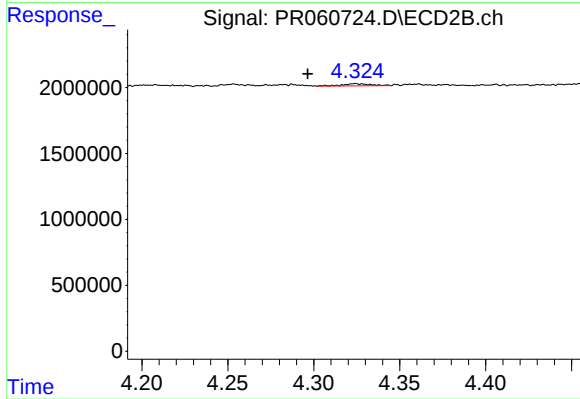
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.205 min
Response: 0
Conc: N.D.



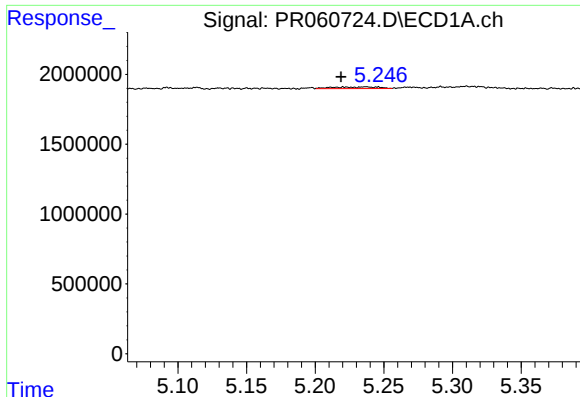
#14 AR-1232-4

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



#14 AR-1232-4

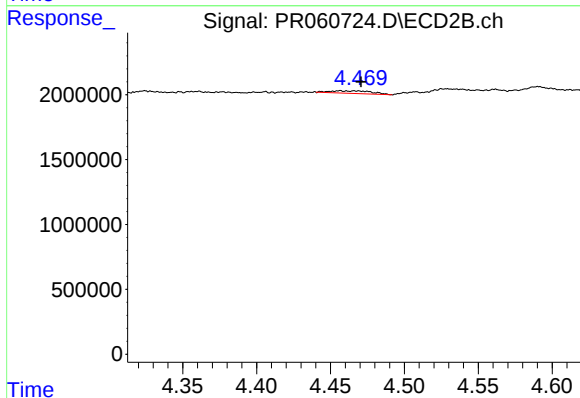
R.T.: 4.324 min
Delta R.T.: 0.028 min
Response: 185356
Conc: 4.54 ng/ml



#15 AR-1232-5

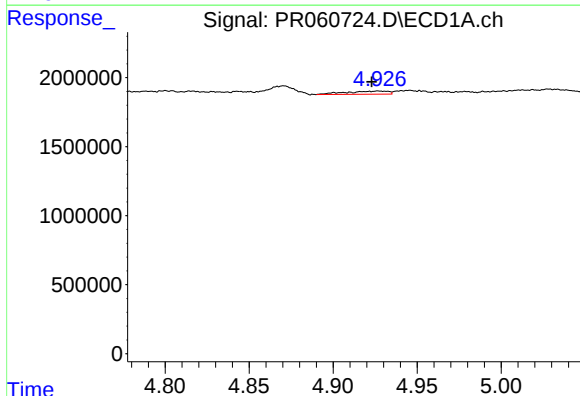
R.T.: 5.237 min
Delta R.T.: 0.018 min
Response: 265471
Conc: 10.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



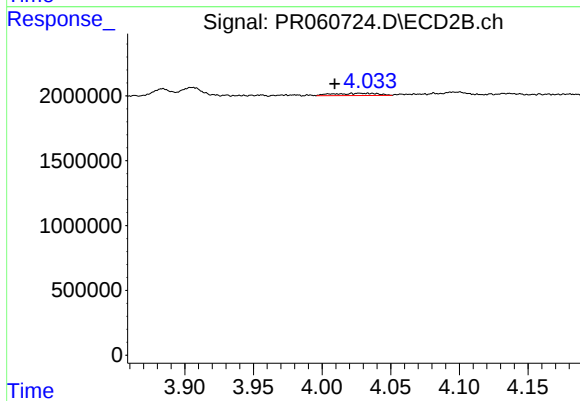
#15 AR-1232-5

R.T.: 4.456 min
Delta R.T.: -0.014 min
Response: 367428
Conc: 7.82 ng/ml



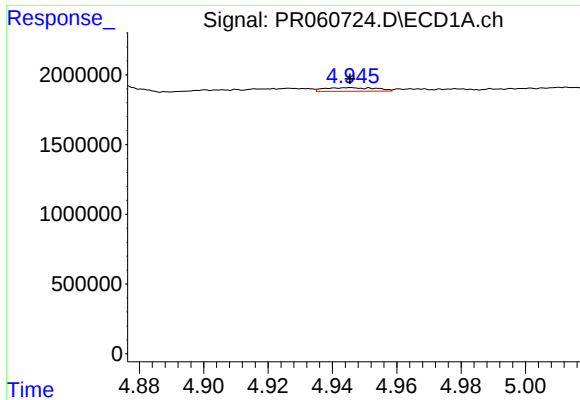
#16 AR-1242-1

R.T.: 4.927 min
Delta R.T.: 0.004 min
Response: 392471
Conc: 4.45 ng/ml



#16 AR-1242-1

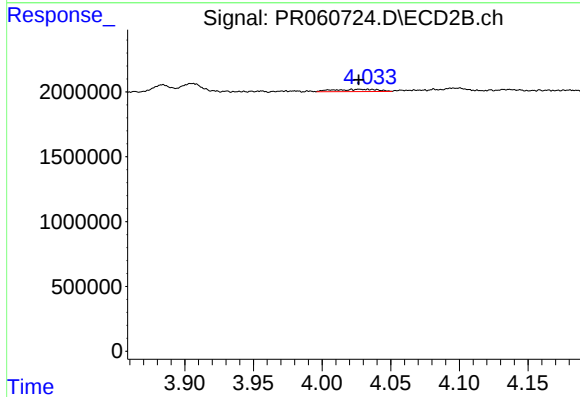
R.T.: 4.033 min
Delta R.T.: 0.024 min
Response: 389978
Conc: 3.36 ng/ml



#17 AR-1242-2

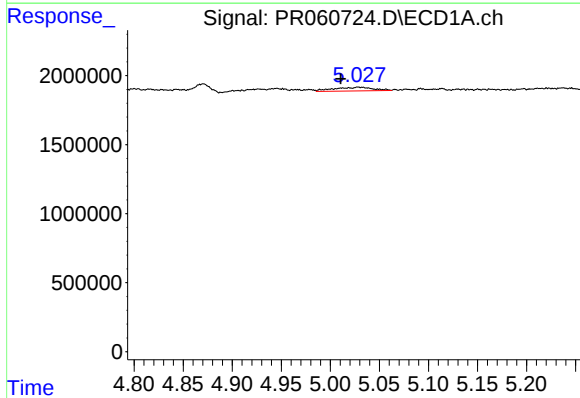
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 290107
Conc: 2.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



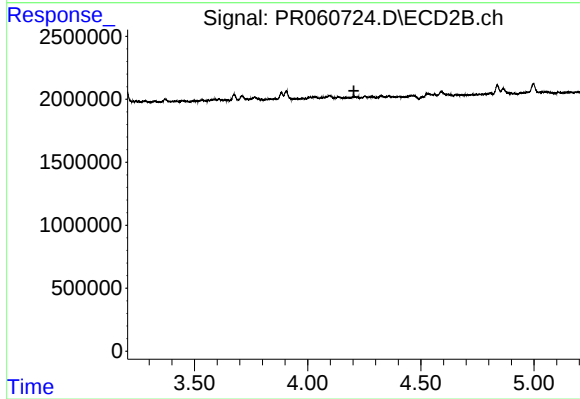
#17 AR-1242-2

R.T.: 4.033 min
Delta R.T.: 0.007 min
Response: 389978
Conc: 2.34 ng/ml



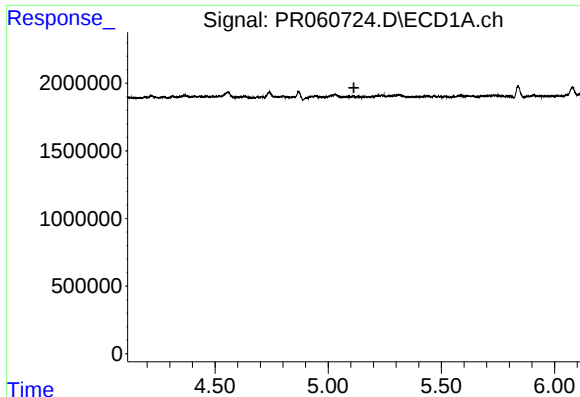
#18 AR-1242-3

R.T.: 5.028 min
Delta R.T.: 0.018 min
Response: 736437
Conc: 9.43 ng/ml



#18 AR-1242-3

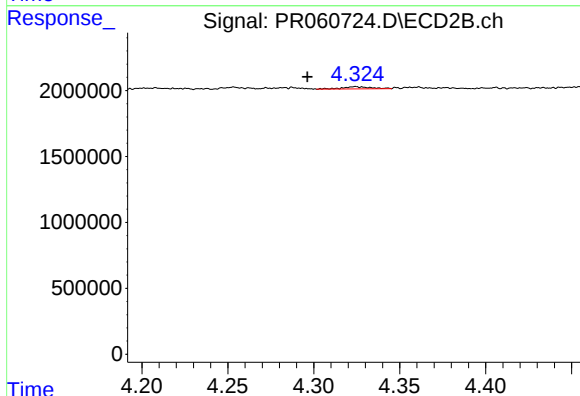
R.T.: 0.000 min
Exp R.T.: 4.204 min
Response: 0
Conc: N.D.



#19 AR-1242-4

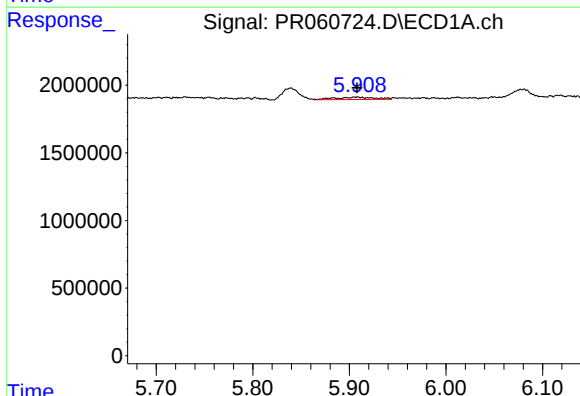
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



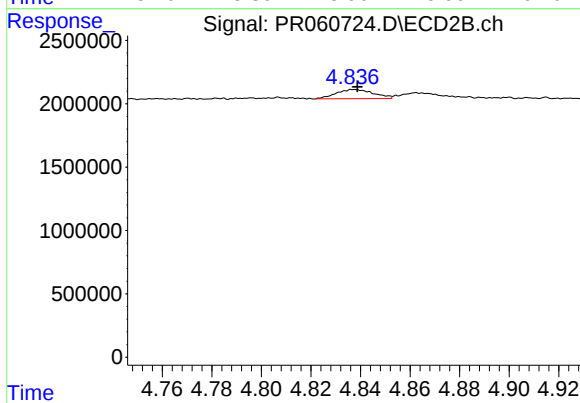
#19 AR-1242-4

R.T.: 4.324 min
Delta R.T.: 0.028 min
Response: 185356
Conc: 2.29 ng/ml



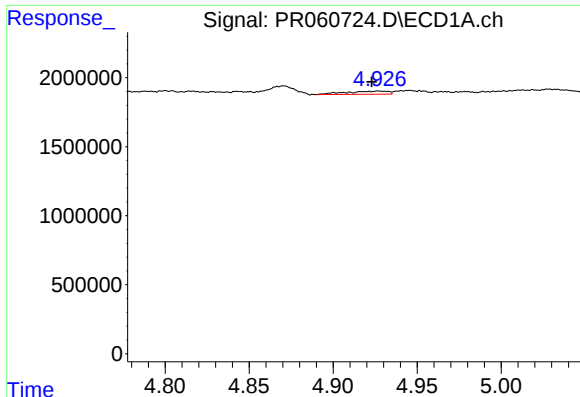
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 495726
Conc: 7.16 ng/ml



#20 AR-1242-5

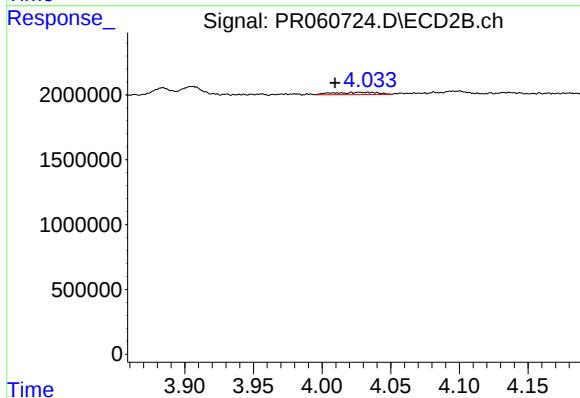
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 755295
Conc: 7.01 ng/ml



#21 AR-1248-1

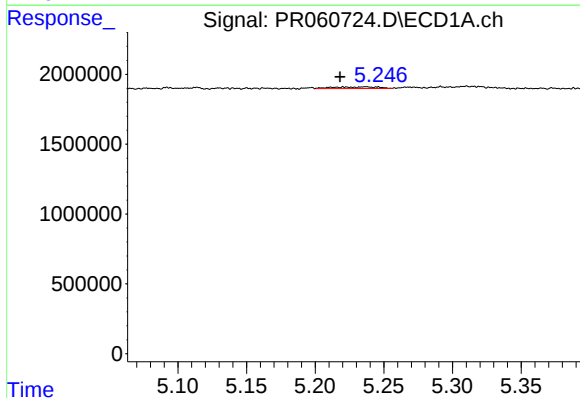
R.T.: 4.927 min
Delta R.T.: 0.004 min
Response: 392471
Conc: 5.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



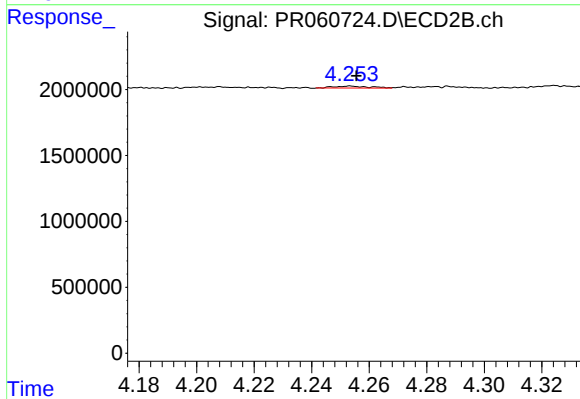
#21 AR-1248-1

R.T.: 4.033 min
Delta R.T.: 0.024 min
Response: 389978
Conc: 4.54 ng/ml



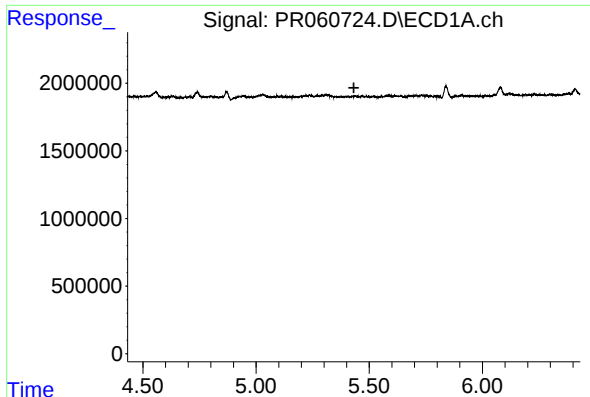
#22 AR-1248-2

R.T.: 5.237 min
Delta R.T.: 0.019 min
Response: 265471
Conc: 2.99 ng/ml



#22 AR-1248-2

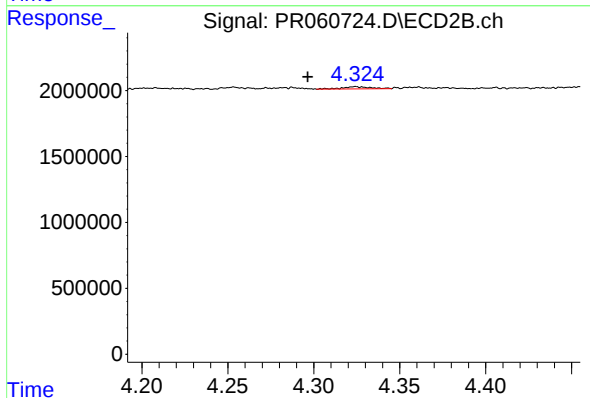
R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 124918
Conc: 1.04 ng/ml



#23 AR-1248-3

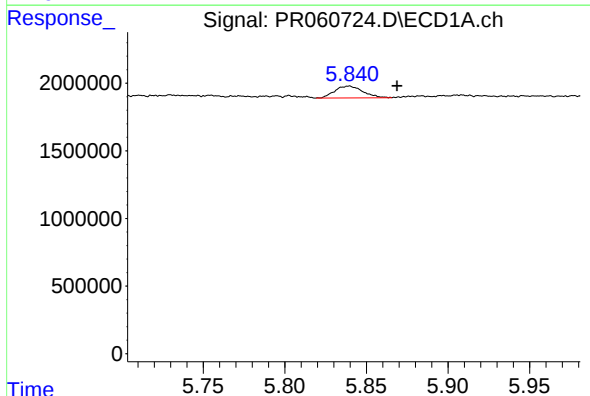
R.T.: 0.000 min
Exp R.T.: 5.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



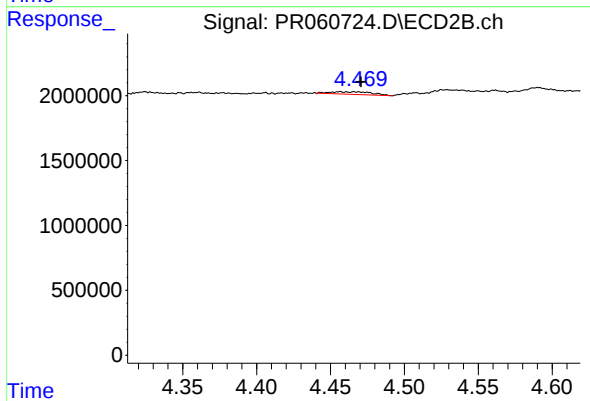
#23 AR-1248-3

R.T.: 4.324 min
Delta R.T.: 0.028 min
Response: 185356
Conc: 1.52 ng/ml



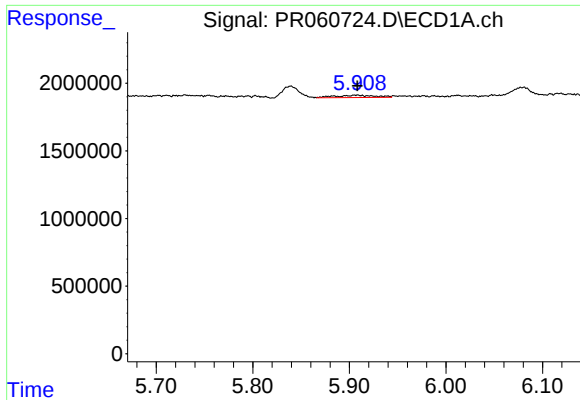
#24 AR-1248-4

R.T.: 5.839 min
Delta R.T.: -0.030 min
Response: 1055182
Conc: 8.78 ng/ml



#24 AR-1248-4

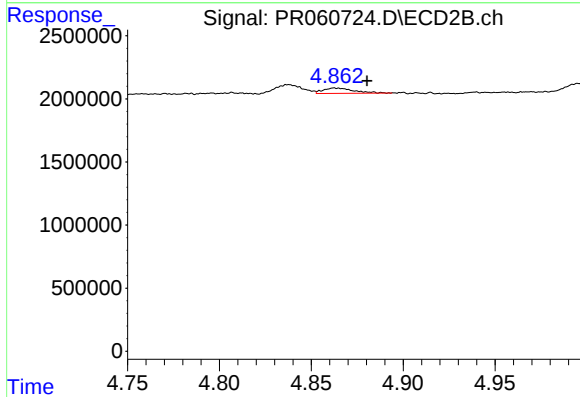
R.T.: 4.456 min
Delta R.T.: -0.014 min
Response: 367428
Conc: 2.43 ng/ml



#25 AR-1248-5

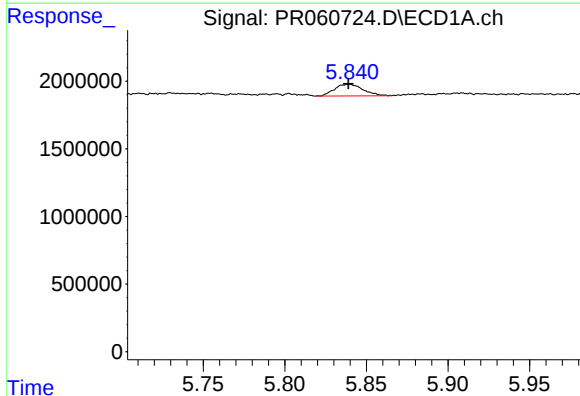
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 495726
Conc: 4.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



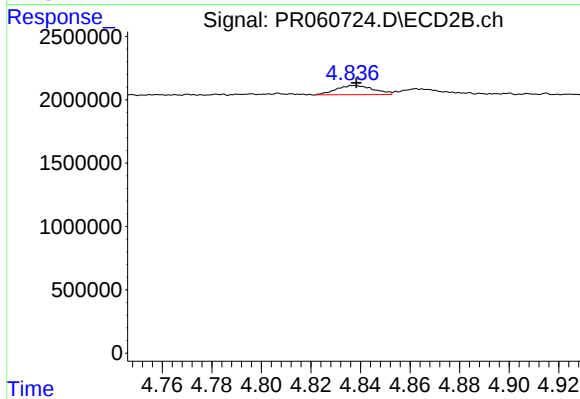
#25 AR-1248-5

R.T.: 4.863 min
Delta R.T.: -0.017 min
Response: 495169
Conc: 3.22 ng/ml



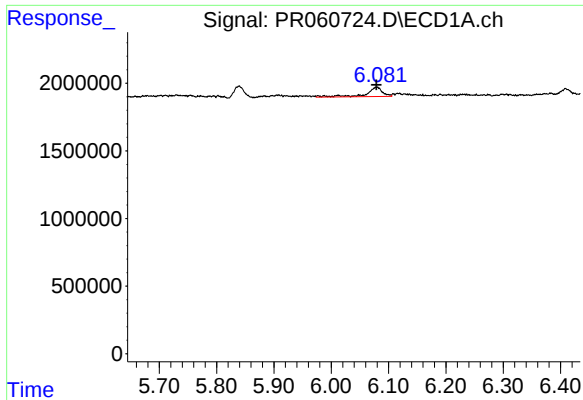
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1055182
Conc: 8.76 ng/ml



#26 AR-1254-1

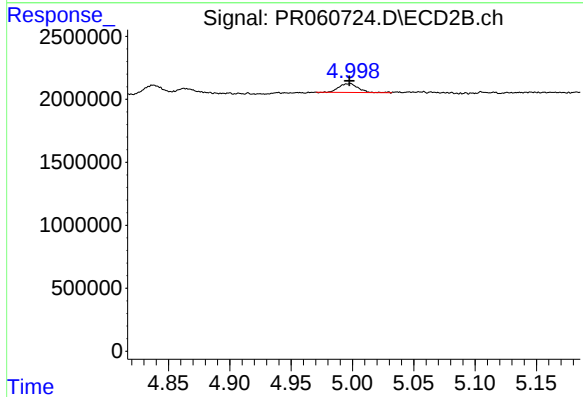
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 755295
Conc: 3.12 ng/ml



#27 AR-1254-2

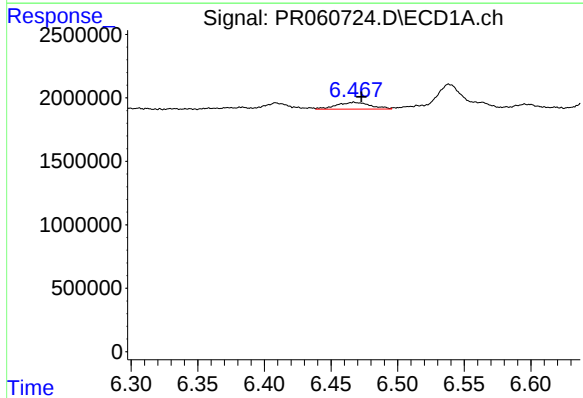
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1357404
Conc: 7.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



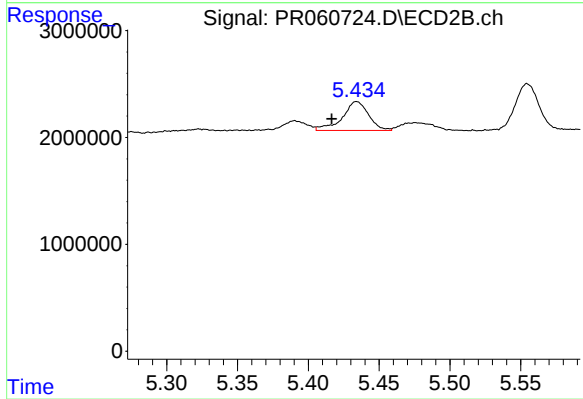
#27 AR-1254-2

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 761117
Conc: 3.64 ng/ml



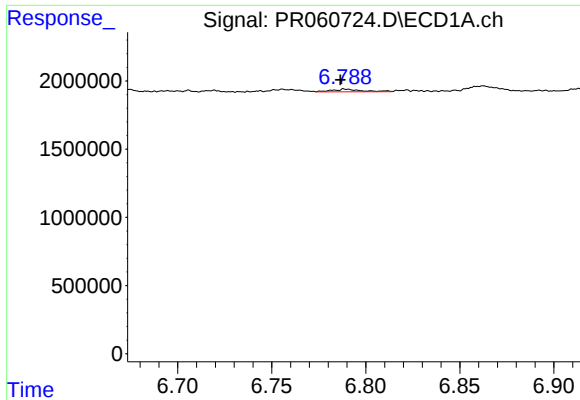
#28 AR-1254-3

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 955294
Conc: 4.66 ng/ml



#28 AR-1254-3

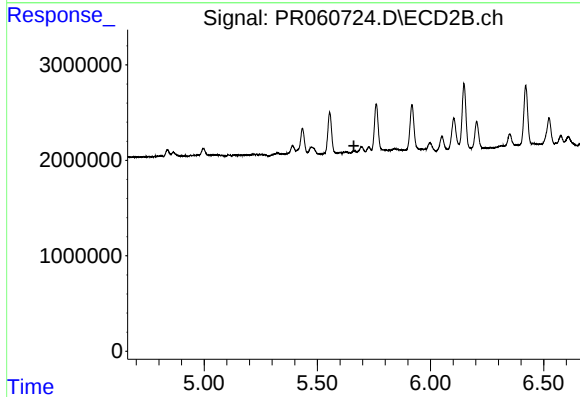
R.T.: 5.434 min
Delta R.T.: 0.018 min
Response: 3487921
Conc: 10.02 ng/ml



#29 AR-1254-4

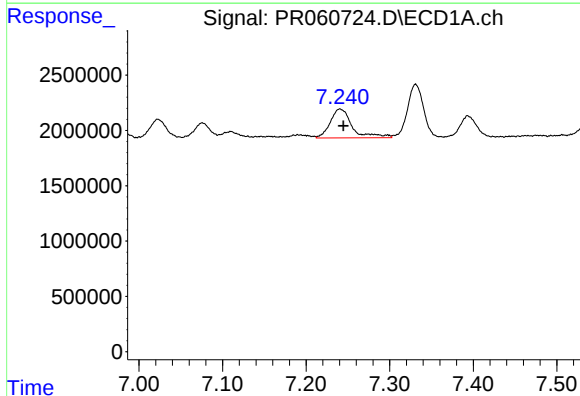
R.T.: 6.789 min
Delta R.T.: 0.003 min
Response: 217998
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



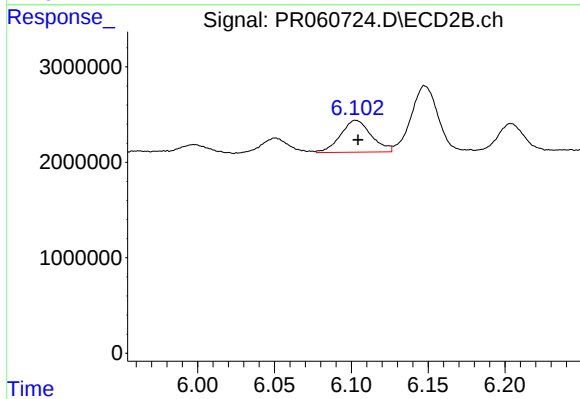
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 5.662 min
Response: 0
Conc: N.D.



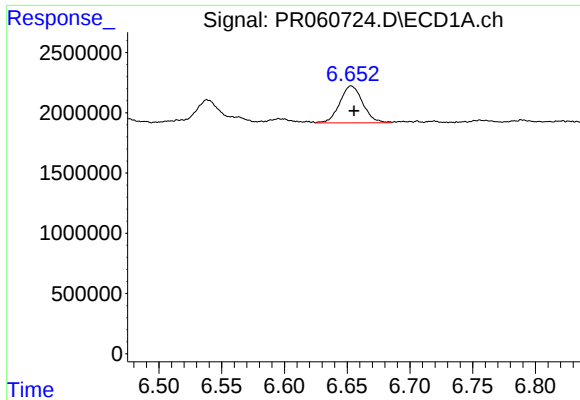
#30 AR-1254-5

R.T.: 7.241 min
Delta R.T.: -0.004 min
Response: 4748503
Conc: 28.22 ng/ml



#30 AR-1254-5

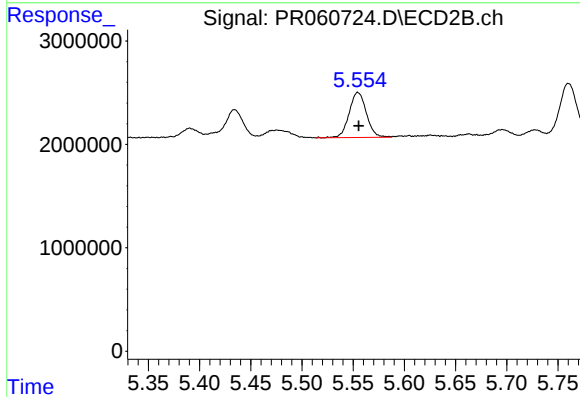
R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 4668852
Conc: 14.57 ng/ml



#31 AR-1260-1

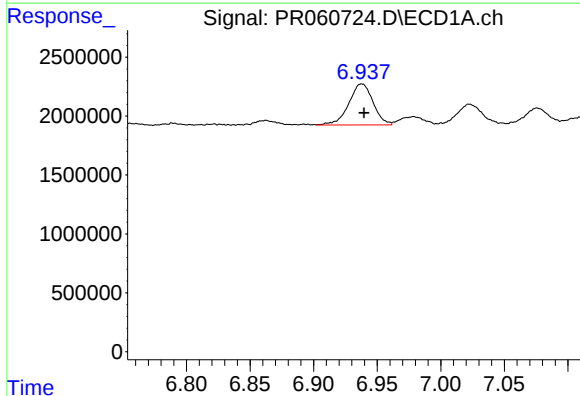
R.T.: 6.653 min
Delta R.T.: -0.002 min
Response: 3896165
Conc: 24.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



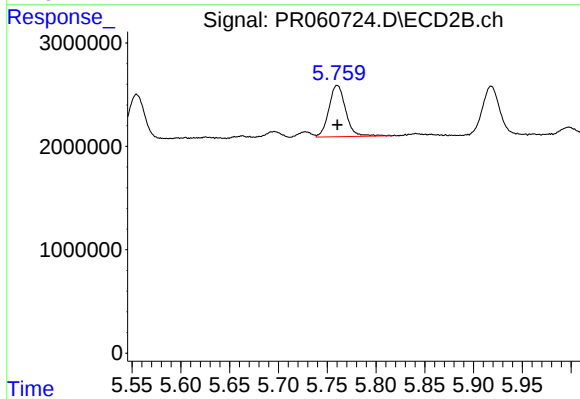
#31 AR-1260-1

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 5098074
Conc: 20.80 ng/ml



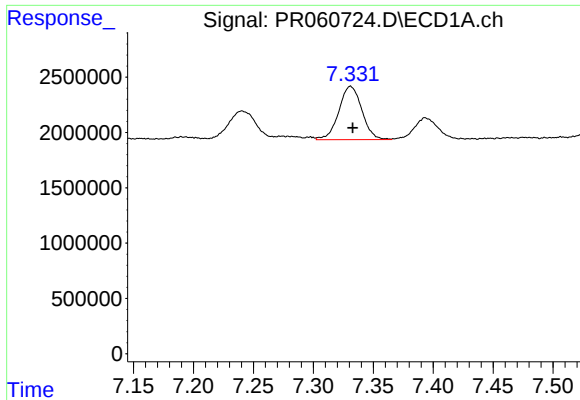
#32 AR-1260-2

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 4651335
Conc: 24.10 ng/ml



#32 AR-1260-2

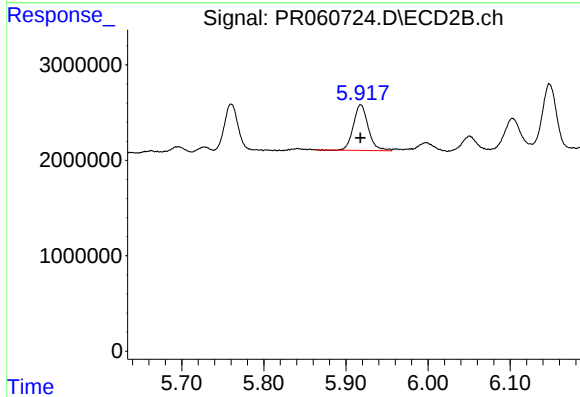
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 5953301
Conc: 19.16 ng/ml



#33 AR-1260-3

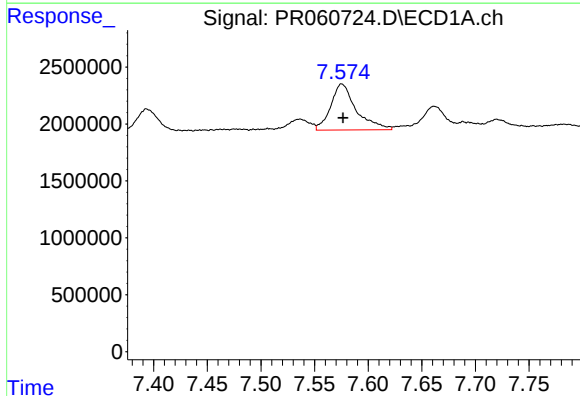
R.T.: 7.331 min
Delta R.T.: -0.002 min
Response: 6432893
Conc: 45.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



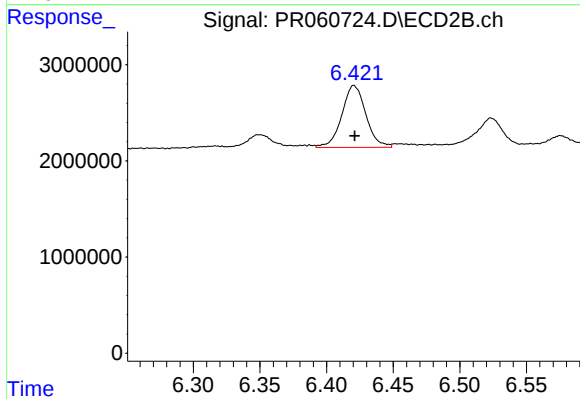
#33 AR-1260-3

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 5993638
Conc: 21.35 ng/ml



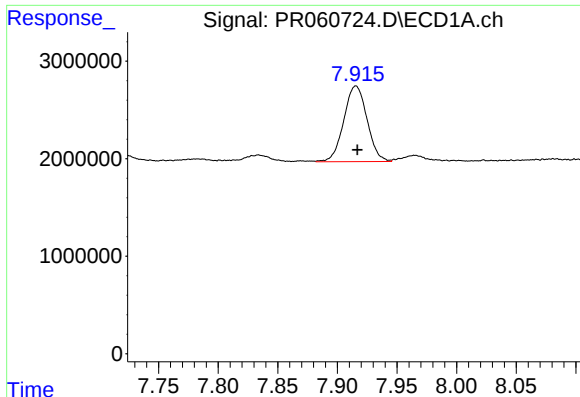
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: -0.001 min
Response: 6682738
Conc: 40.88 ng/ml



#34 AR-1260-4

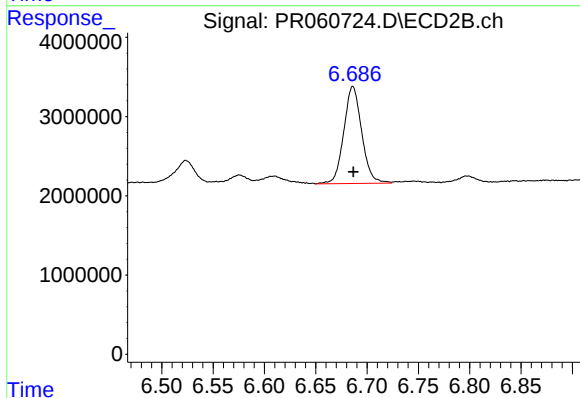
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 8112168
Conc: 33.70 ng/ml



#35 AR-1260-5

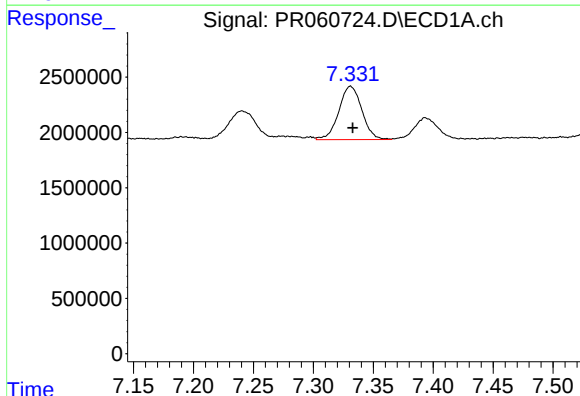
R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 10556379
Conc: 33.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



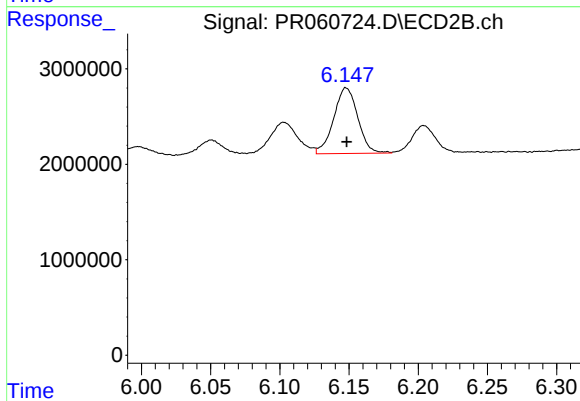
#35 AR-1260-5

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 14936038
Conc: 25.65 ng/ml



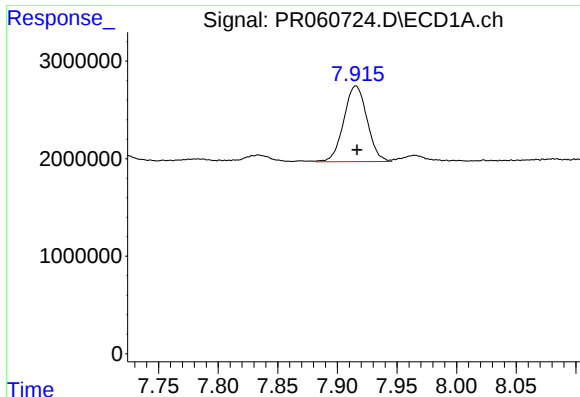
#36 AR-1262-1

R.T.: 7.331 min
Delta R.T.: -0.002 min
Response: 6432893
Conc: 34.03 ng/ml



#36 AR-1262-1

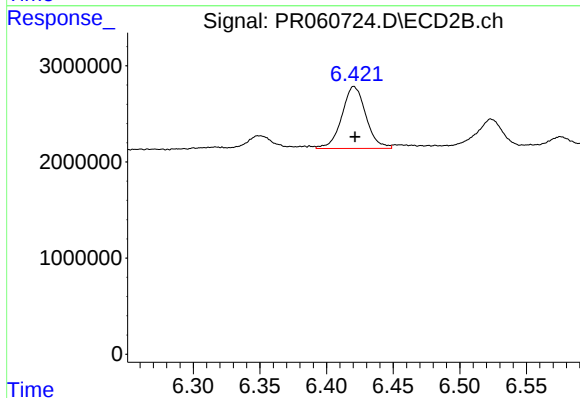
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 8355272
Conc: 26.49 ng/ml



#37 AR-1262-2

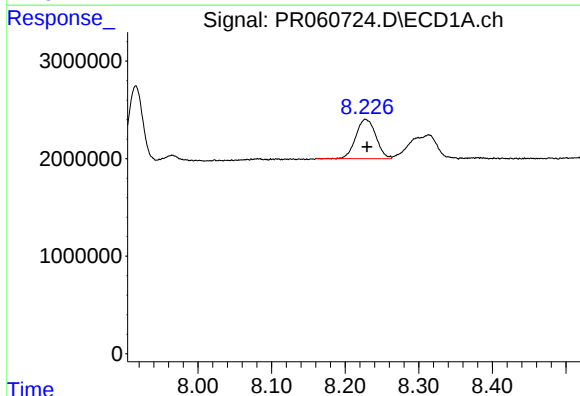
R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 10556379
Conc: 31.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



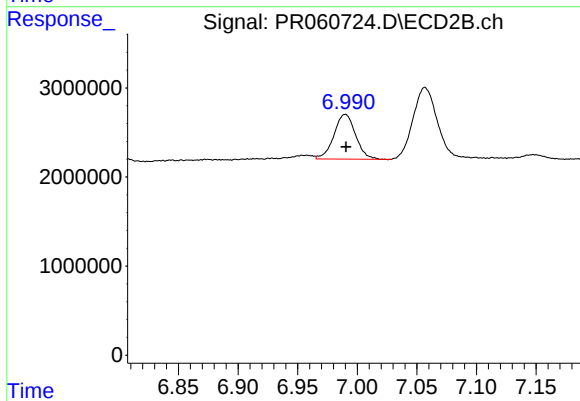
#37 AR-1262-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 8112168
Conc: 28.15 ng/ml



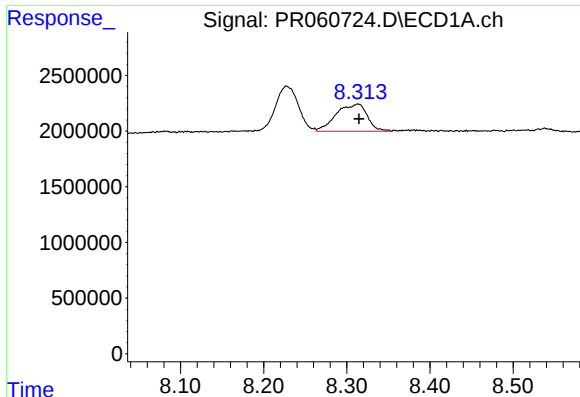
#38 AR-1262-3

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 7667018
Conc: 33.29 ng/ml



#38 AR-1262-3

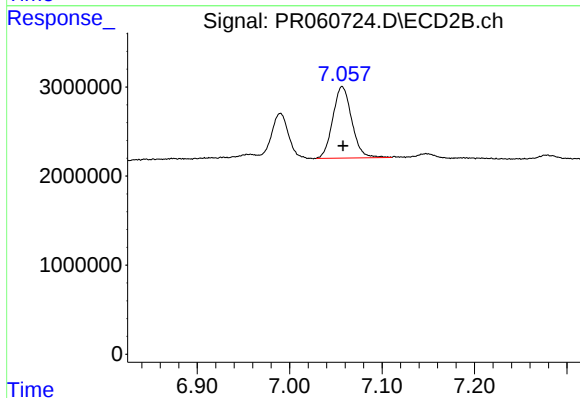
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 6356647
Conc: 28.07 ng/ml



#39 AR-1262-4

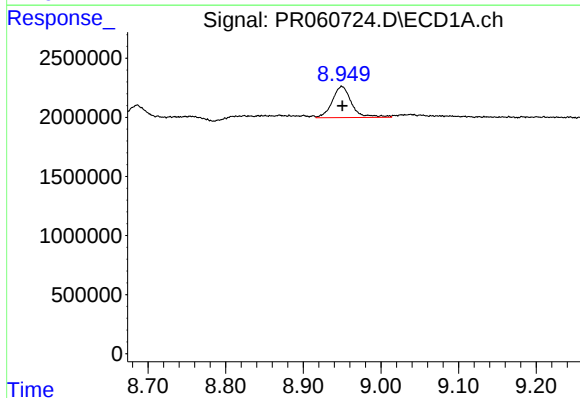
R.T.: 8.313 min
Delta R.T.: -0.002 min
Response: 6345979
Conc: 36.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



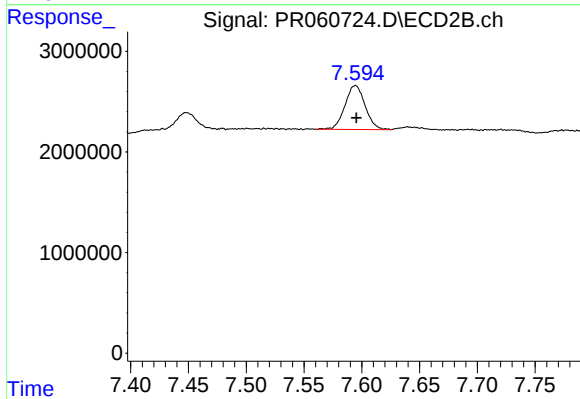
#39 AR-1262-4

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 11478660
Conc: 26.69 ng/ml



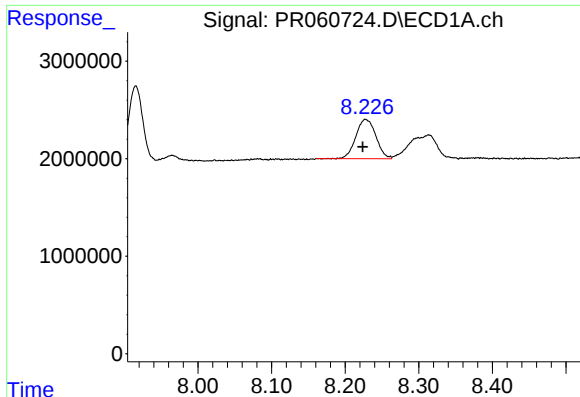
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 4577367
Conc: 36.54 ng/ml



#40 AR-1262-5

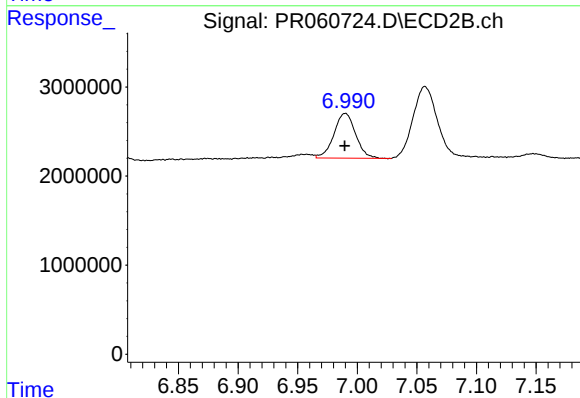
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 5294819
Conc: 26.44 ng/ml



#41 AR-1268-1

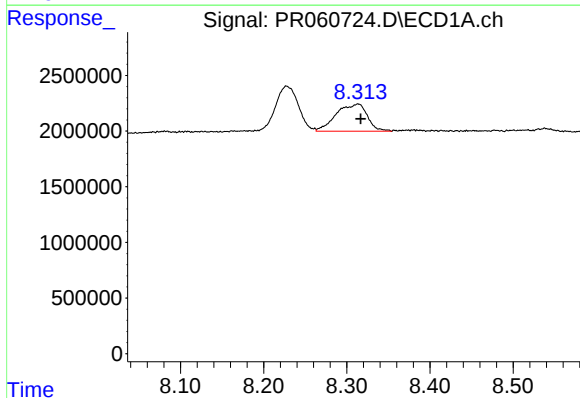
R.T.: 8.228 min
Delta R.T.: 0.004 min
Response: 7667018
Conc: 18.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



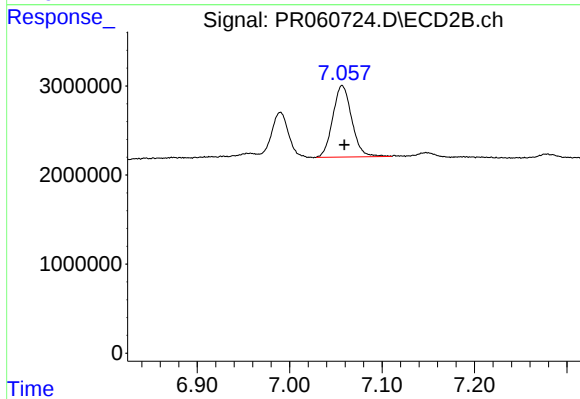
#41 AR-1268-1

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 6356647
Conc: 8.63 ng/ml



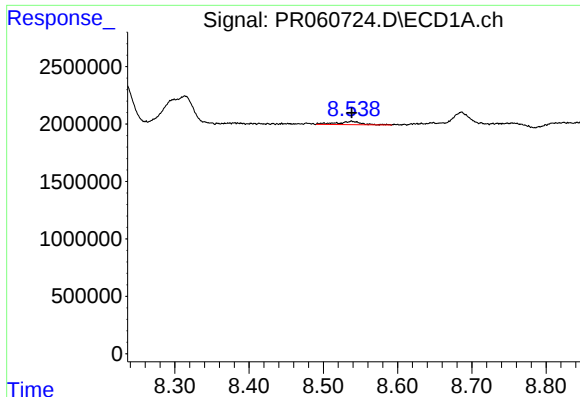
#42 AR-1268-2

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 6345979
Conc: 16.87 ng/ml



#42 AR-1268-2

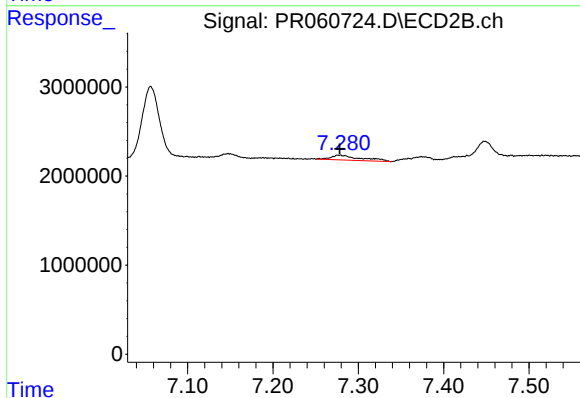
R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 11478660
Conc: 17.17 ng/ml



#43 AR-1268-3

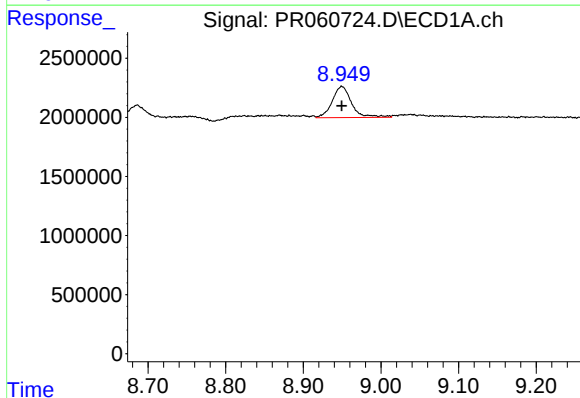
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 673678
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



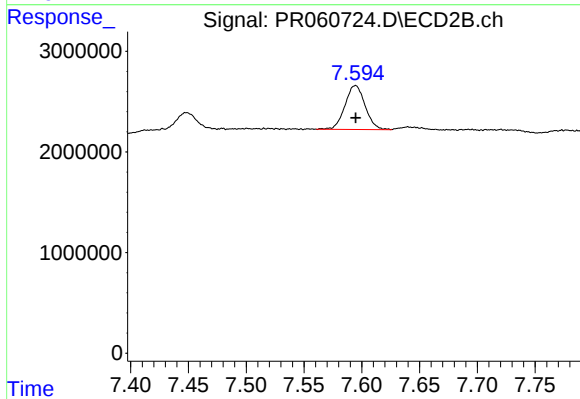
#43 AR-1268-3

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 1323324
Conc: 2.33 ng/ml



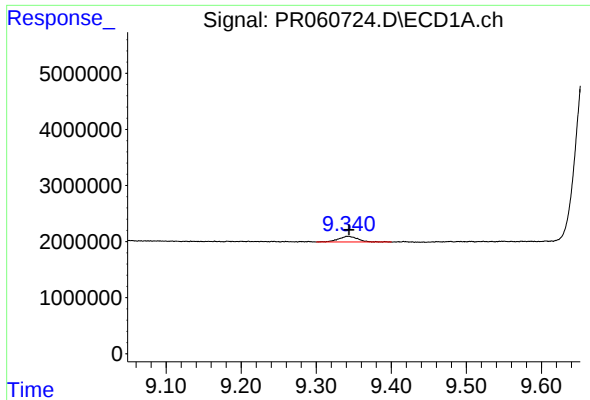
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 4577367
Conc: 31.85 ng/ml



#44 AR-1268-4

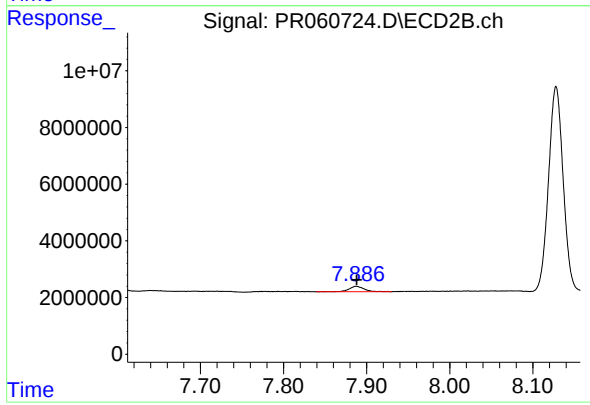
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 5294819
Conc: 22.71 ng/ml



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 1799121
Conc: 1.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 2450016
Conc: 1.30 ng/ml