

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 21:55
 Operator : AJ\MA
 Sample : 04699-01
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 06:48:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 10 14:16:46 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...	3.737	3.026	131.6E6	85209059	20.859	21.799
2)	SA Decachlor...	9.761	8.431	117.0E6	75189176	24.791	24.664
Target Compounds							
3)	L1 AR-1016-1	4.998f	4.176	224311	467633	1.071	3.286 #
4)	L1 AR-1016-2	4.998	4.213	224311	460684	0.721	2.358 #
5)	L1 AR-1016-3	5.077	4.381	1206221	516399	6.297	4.661 #
6)	L1 AR-1016-4	5.164	4.442	460547	469270	3.070	5.354 #
7)	L1 AR-1016-5	0.000	4.654	0	395826	N.D.	3.590 #
8)	L2 AR-1221-1	3.965	3.281f	418776	246067	5.656	5.098
9)	L2 AR-1221-2	4.054	3.338	1720788	1298918	32.688	35.075
10)	L2 AR-1221-3	4.142	3.429	655109	499761	3.895	4.505
11)	L3 AR-1232-1	4.142	3.429	655109	499761	5.146	5.869
12)	L3 AR-1232-2	4.676	4.213f	274424	460684	3.746	5.285 #
13)	L3 AR-1232-3	4.998	4.381	224311	516399	1.615	10.717 #
14)	L3 AR-1232-4	5.164	4.462	460547	696747	6.562	16.687 #
15)	L3 AR-1232-5	5.276	4.654	192409	395826	3.756	8.281 #
16)	L4 AR-1242-1	4.998f	4.176	224311	467633	1.430	4.342 #
17)	L4 AR-1242-2	4.998	4.213f	224311	460684	0.946	3.134 #
18)	L4 AR-1242-3	5.077	4.381	1206221	516399	7.987	6.325
19)	L4 AR-1242-4	5.164	4.462f	460547	696747	3.812	8.645 #
20)	L4 AR-1242-5	5.942f	5.029	167950	326428	1.358	3.148 #
21)	L5 AR-1248-1	4.998f	4.176	224311	467633	1.852	5.555 #
22)	L5 AR-1248-2	5.276	4.442	192409	469270	1.129	4.054 #
23)	L5 AR-1248-3	0.000	4.462f	0	696747	N.D.	5.886 #
24)	L5 AR-1248-4	5.942	4.654	167950	395826	0.793	2.787 #
25)	L5 AR-1248-5	5.942f	5.065f	167950	839967	0.764	6.037 #
26)	L6 AR-1254-1	5.899	5.029	1001956	326428	4.576	1.600 #
27)	L6 AR-1254-2	6.140	5.195	813322	471611	2.425	2.564
28)	L6 AR-1254-3	6.525	5.624	1423366	1252203	4.218	4.316
29)	L6 AR-1254-4	0.000	5.892	0	3471336	N.D.	19.262 #
30)	L6 AR-1254-5	7.304	0.000	493398	0	1.811	N.D. #
31)	L7 AR-1260-1	6.712	5.770	147480	1486848	0.538	6.940 #
32)	L7 AR-1260-2	6.980f	0.000	595408	0	1.857	N.D. #
33)	L7 AR-1260-3	7.393	6.160	5162131	7080973	26.370	28.091
34)	L7 AR-1260-4	7.623f	6.665	115445	6247520	0.475	36.546 #
36)	L8 AR-1262-1	7.393	6.441	5162131	442476	15.840	4.086 #
37)	L8 AR-1262-2	7.978	6.665	3670189	6247520	6.476	26.909 #
38)	L8 AR-1262-3	8.290	7.246	26688851	24085132	71.218	140.049 #
39)	L8 AR-1262-4	8.383	7.317	23495424	18997205	82.946	59.370 #
40)	L8 AR-1262-5	9.030	7.862	15235808	5178826	74.193	36.974 #
41)	L9 AR-1268-1	8.290	7.246	26688851	24085132	41.290	49.752
42)	L9 AR-1268-2	8.383	7.317	23495424	18997205	40.637	42.720

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 Operator : AJ\MA
 Sample : 04699-01
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 41 Sample Multiplier: 1

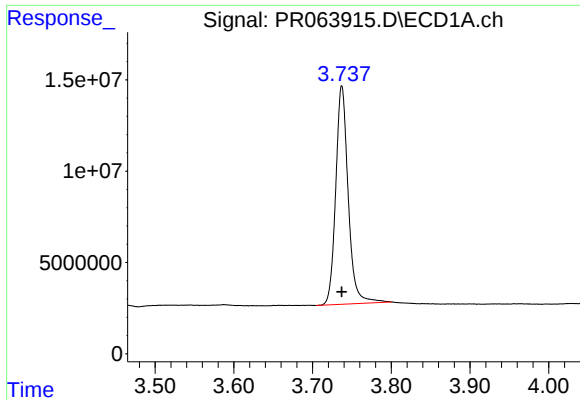
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 06:48:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	8.610	7.546	32216464	17544220	61.801	46.821
44) L9	AR-1268-4	9.030	7.862	15235808	5178826	69.371	34.406 #
45) L9	AR-1268-5	9.435	8.166	60304905	40055471	36.340	36.173

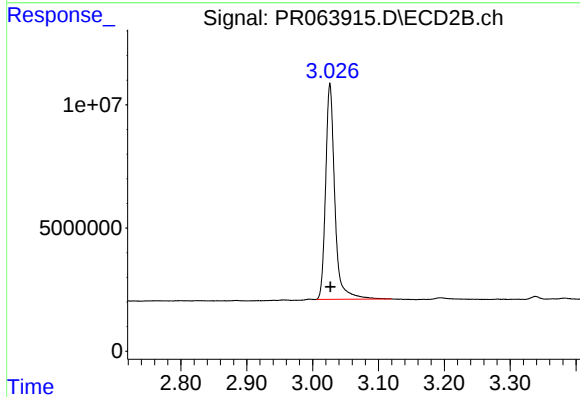
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

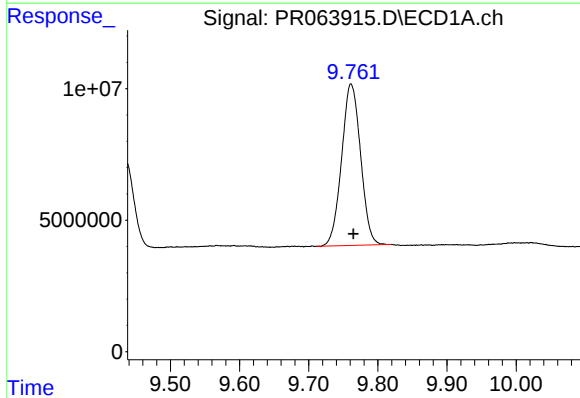
R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 131633125
Conc: 20.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



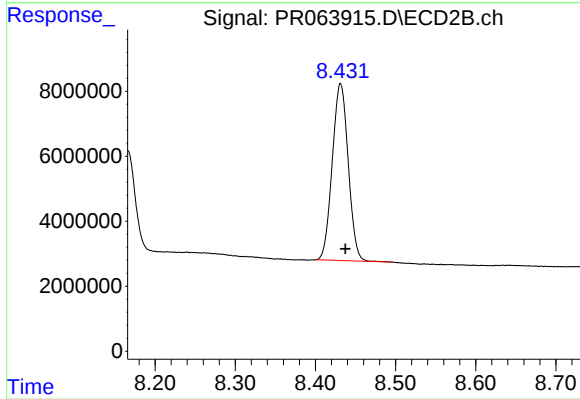
#1 Tetrachloro-m-xylene

R.T.: 3.026 min
Delta R.T.: 0.000 min
Response: 85209059
Conc: 21.80 ng/ml



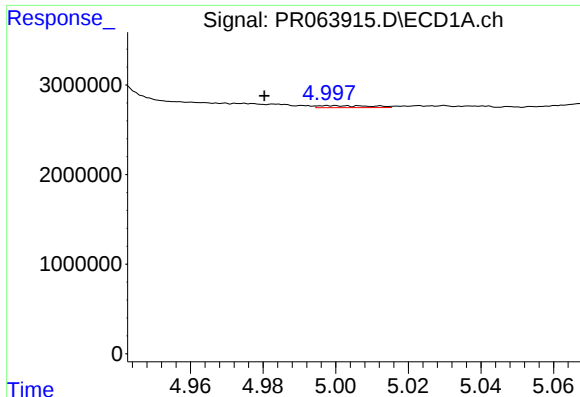
#2 Decachlorobiphenyl

R.T.: 9.761 min
Delta R.T.: -0.003 min
Response: 116985610
Conc: 24.79 ng/ml



#2 Decachlorobiphenyl

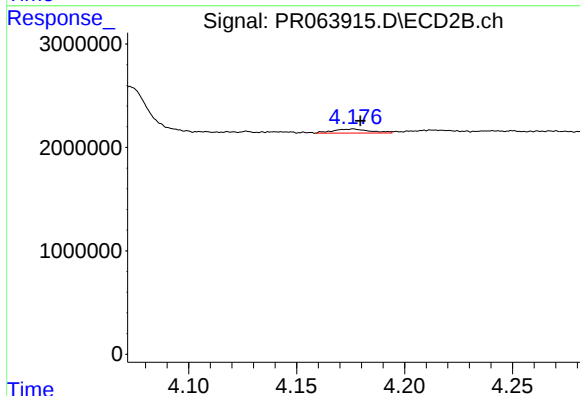
R.T.: 8.431 min
Delta R.T.: -0.006 min
Response: 75189176
Conc: 24.66 ng/ml



#3 AR-1016-1

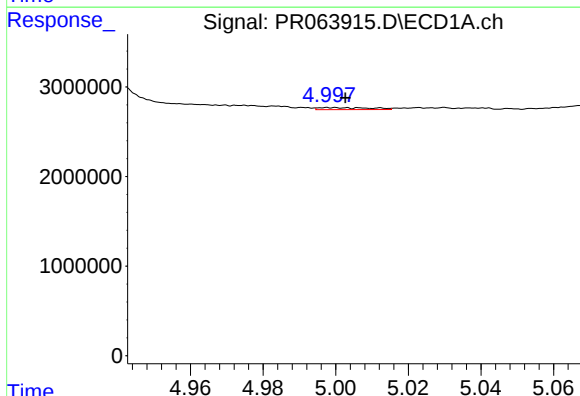
R.T.: 4.998 min
Delta R.T.: 0.018 min
Response: 224311
Conc: 1.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



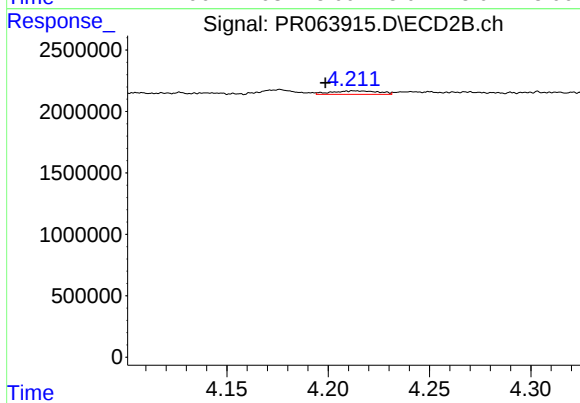
#3 AR-1016-1

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 467633
Conc: 3.29 ng/ml



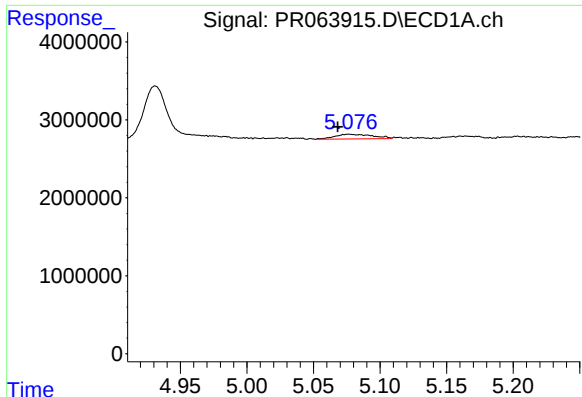
#4 AR-1016-2

R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 224311
Conc: 0.72 ng/ml



#4 AR-1016-2

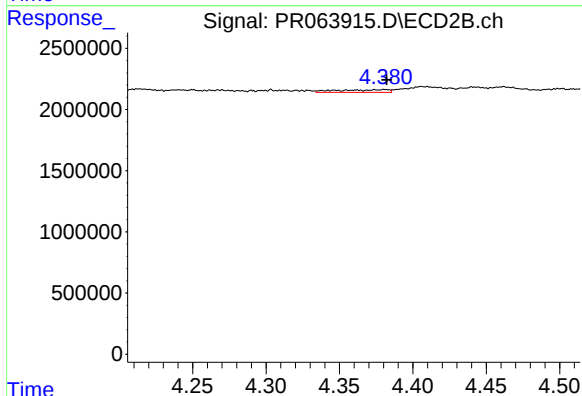
R.T.: 4.213 min
Delta R.T.: 0.015 min
Response: 460684
Conc: 2.36 ng/ml



#5 AR-1016-3

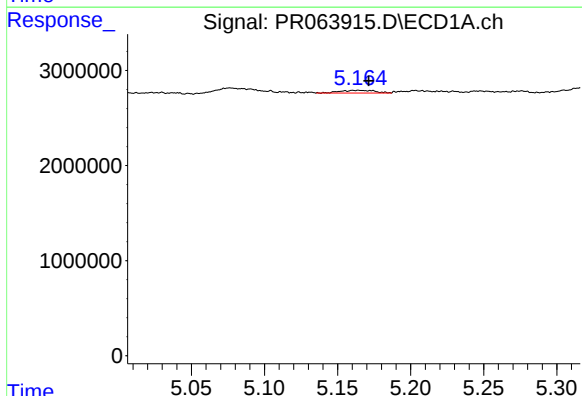
R.T.: 5.077 min
Delta R.T.: 0.008 min
Response: 1206221
Conc: 6.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



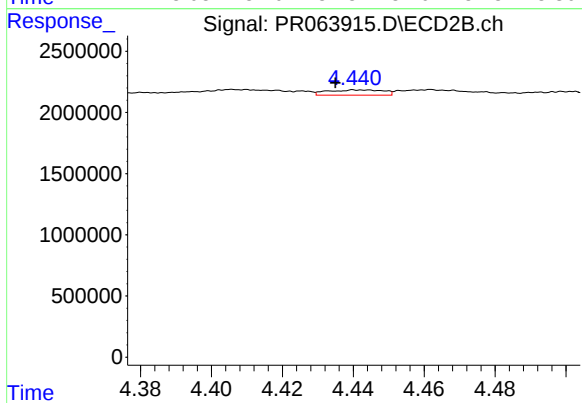
#5 AR-1016-3

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 516399
Conc: 4.66 ng/ml



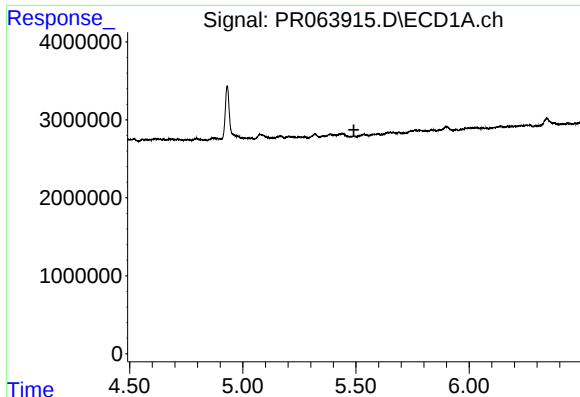
#6 AR-1016-4

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 460547
Conc: 3.07 ng/ml



#6 AR-1016-4

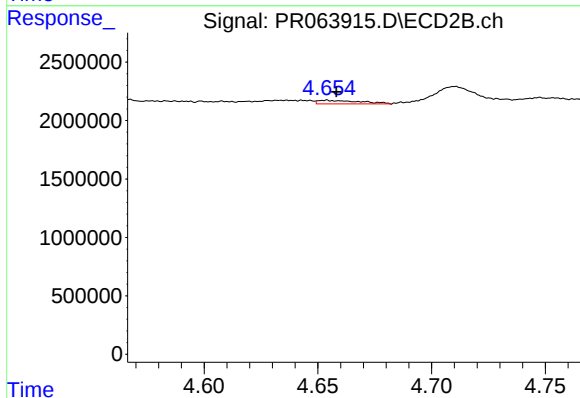
R.T.: 4.442 min
Delta R.T.: 0.007 min
Response: 469270
Conc: 5.35 ng/ml



#7 AR-1016-5

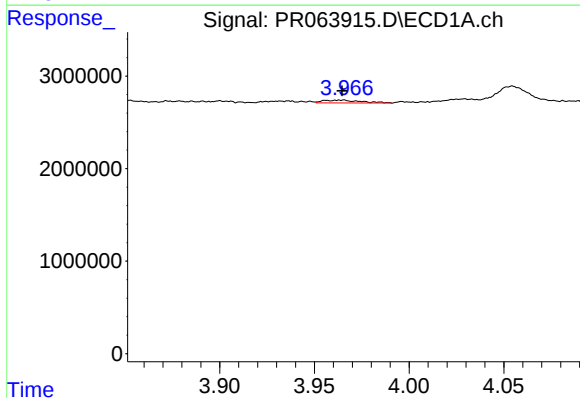
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



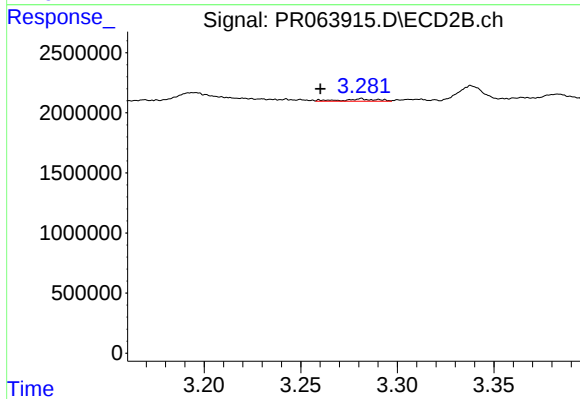
#7 AR-1016-5

R.T.: 4.654 min
Delta R.T.: -0.005 min
Response: 395826
Conc: 3.59 ng/ml



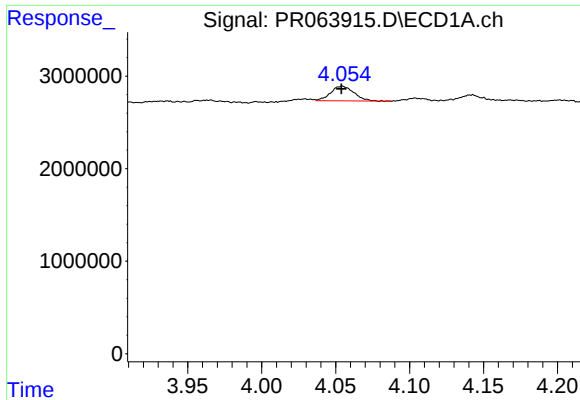
#8 AR-1221-1

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 418776
Conc: 5.66 ng/ml



#8 AR-1221-1

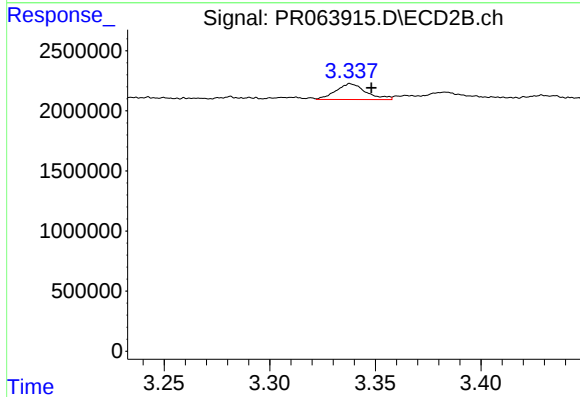
R.T.: 3.281 min
Delta R.T.: 0.021 min
Response: 246067
Conc: 5.10 ng/ml



#9 AR-1221-2

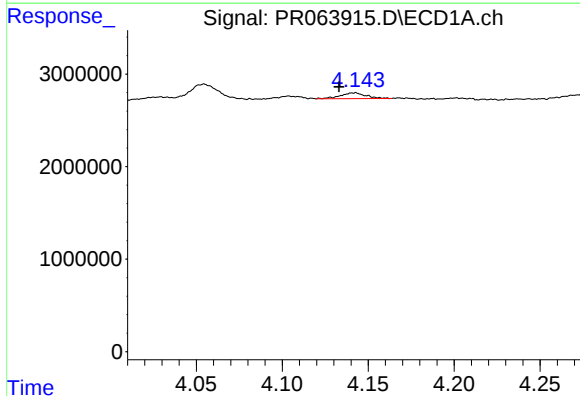
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 1720788
Conc: 32.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



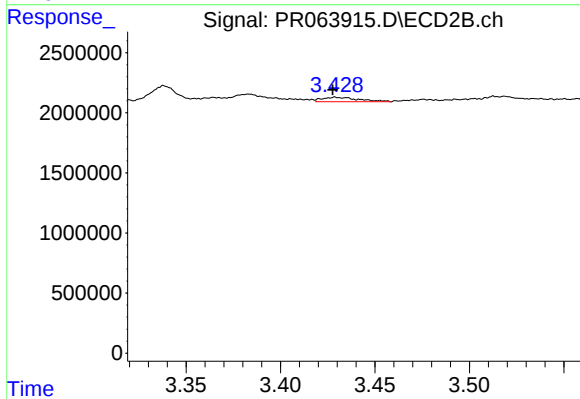
#9 AR-1221-2

R.T.: 3.338 min
Delta R.T.: -0.010 min
Response: 1298918
Conc: 35.07 ng/ml



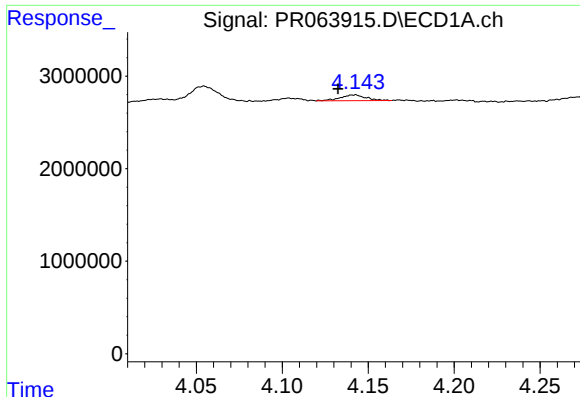
#10 AR-1221-3

R.T.: 4.142 min
Delta R.T.: 0.009 min
Response: 655109
Conc: 3.89 ng/ml



#10 AR-1221-3

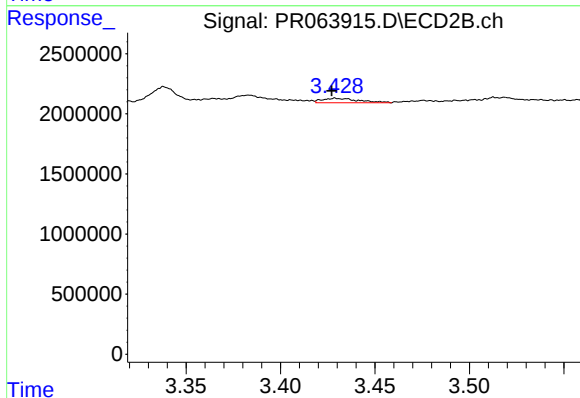
R.T.: 3.429 min
Delta R.T.: 0.002 min
Response: 499761
Conc: 4.51 ng/ml



#11 AR-1232-1

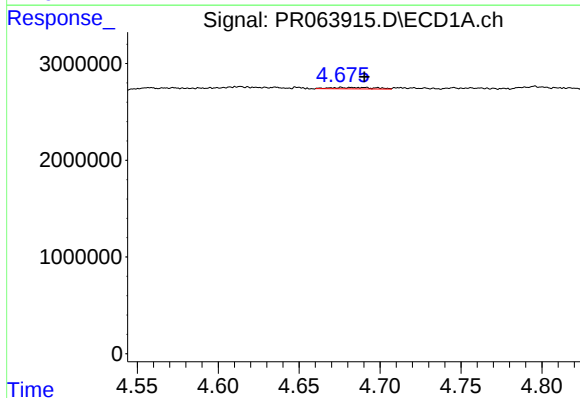
R.T.: 4.142 min
Delta R.T.: 0.009 min
Response: 655109
Conc: 5.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



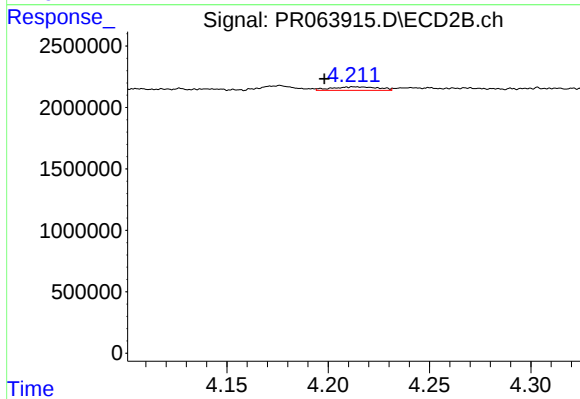
#11 AR-1232-1

R.T.: 3.429 min
Delta R.T.: 0.002 min
Response: 499761
Conc: 5.87 ng/ml



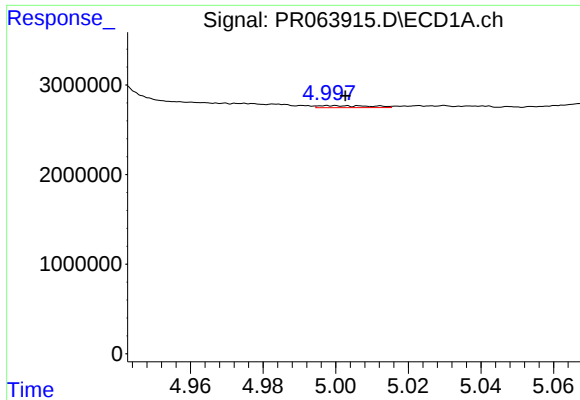
#12 AR-1232-2

R.T.: 4.676 min
Delta R.T.: -0.014 min
Response: 274424
Conc: 3.75 ng/ml



#12 AR-1232-2

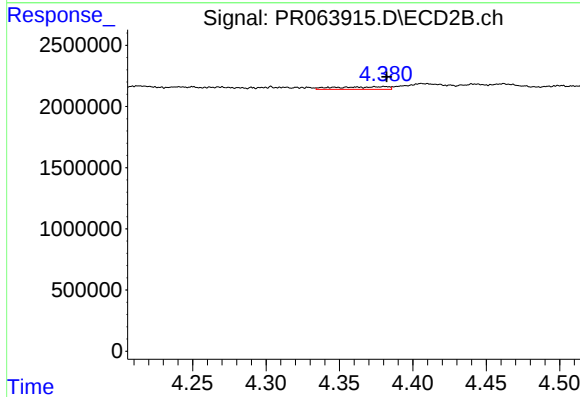
R.T.: 4.213 min
Delta R.T.: 0.015 min
Response: 460684
Conc: 5.28 ng/ml



#13 AR-1232-3

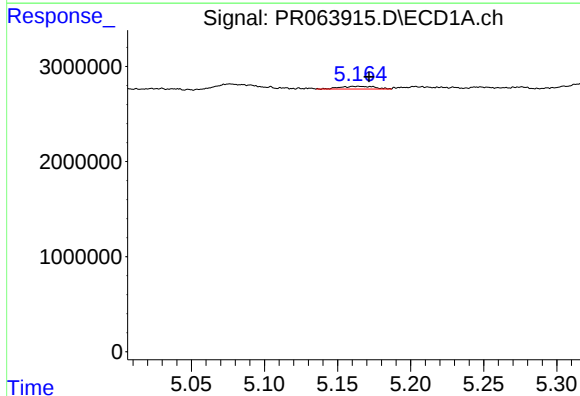
R.T.: 4.998 min
Delta R.T.: -0.005 min
Response: 224311
Conc: 1.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



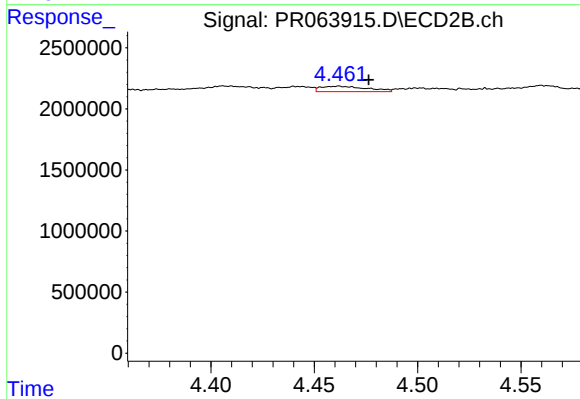
#13 AR-1232-3

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 516399
Conc: 10.72 ng/ml



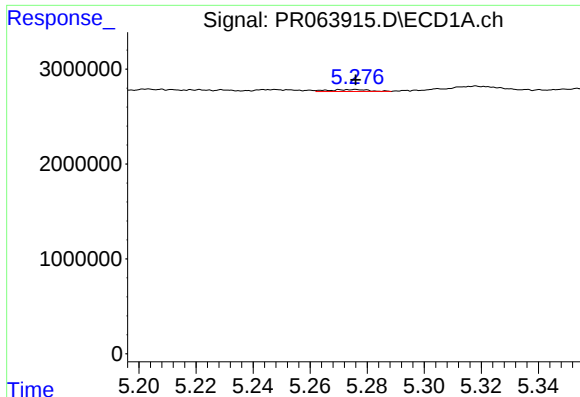
#14 AR-1232-4

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 460547
Conc: 6.56 ng/ml



#14 AR-1232-4

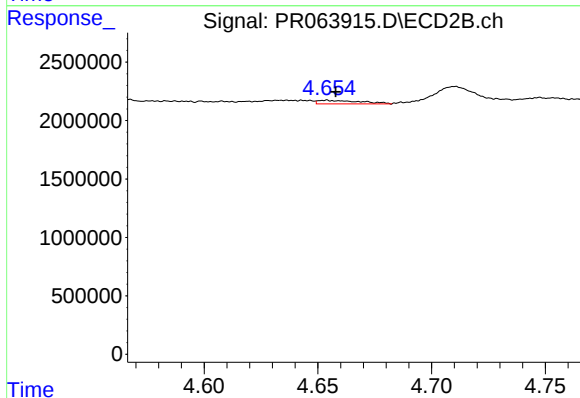
R.T.: 4.462 min
Delta R.T.: -0.015 min
Response: 696747
Conc: 16.69 ng/ml



#15 AR-1232-5

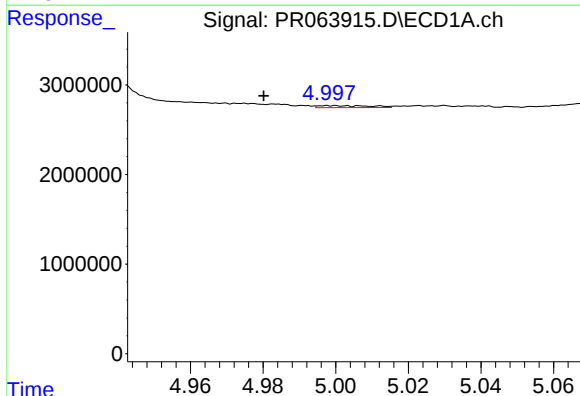
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 192409
Conc: 3.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



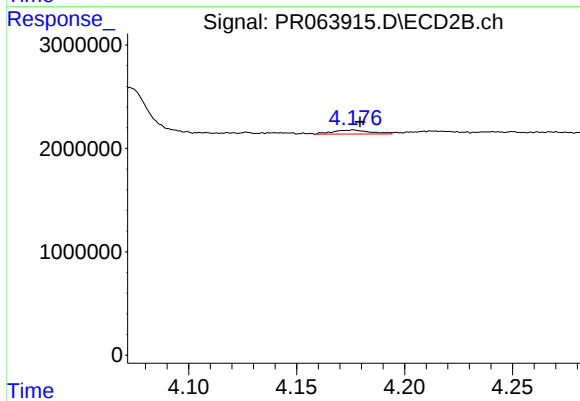
#15 AR-1232-5

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 395826
Conc: 8.28 ng/ml



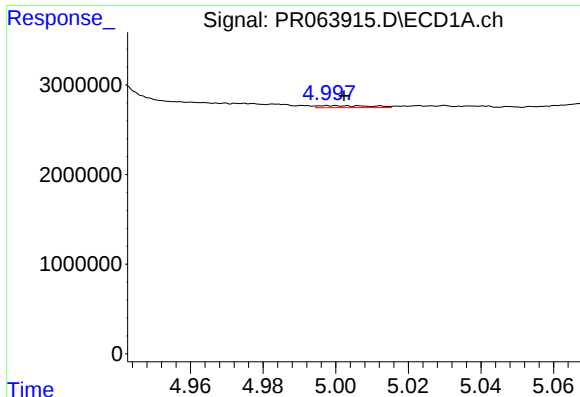
#16 AR-1242-1

R.T.: 4.998 min
Delta R.T.: 0.018 min
Response: 224311
Conc: 1.43 ng/ml



#16 AR-1242-1

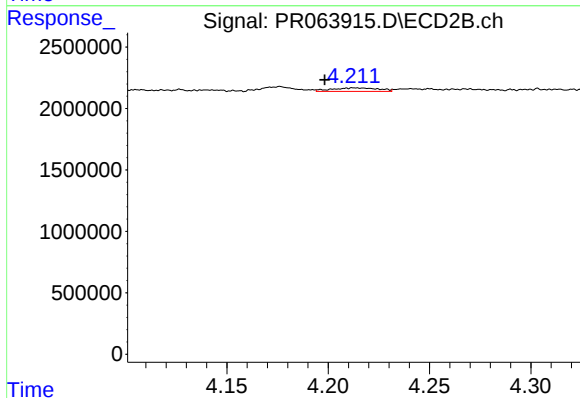
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 467633
Conc: 4.34 ng/ml



#17 AR-1242-2

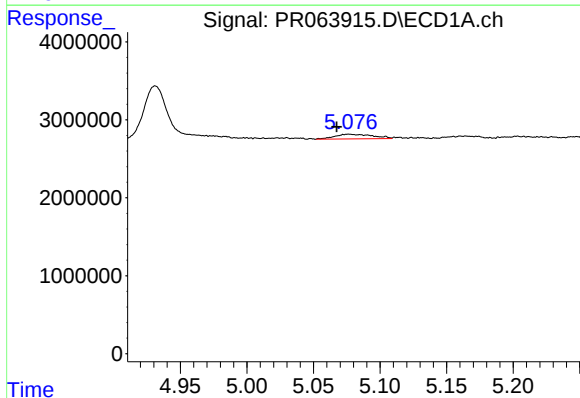
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 224311
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



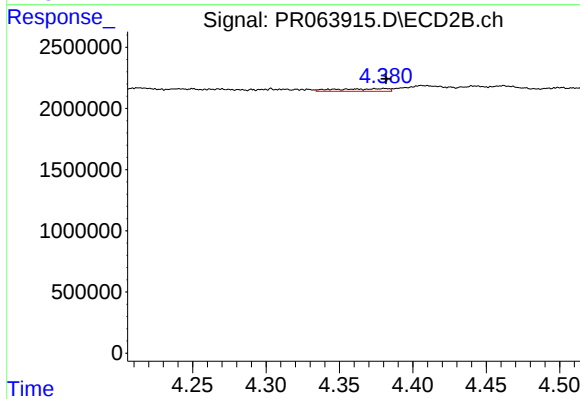
#17 AR-1242-2

R.T.: 4.213 min
Delta R.T.: 0.015 min
Response: 460684
Conc: 3.13 ng/ml



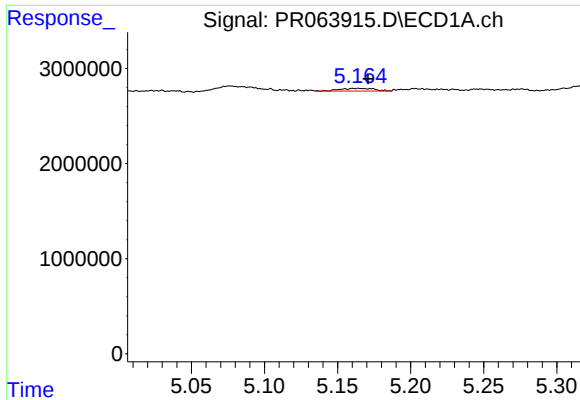
#18 AR-1242-3

R.T.: 5.077 min
Delta R.T.: 0.009 min
Response: 1206221
Conc: 7.99 ng/ml



#18 AR-1242-3

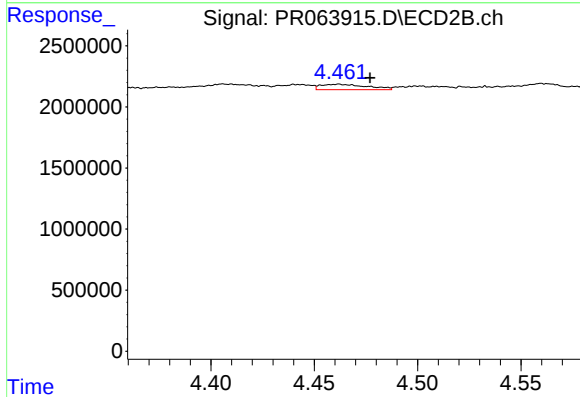
R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 516399
Conc: 6.32 ng/ml



#19 AR-1242-4

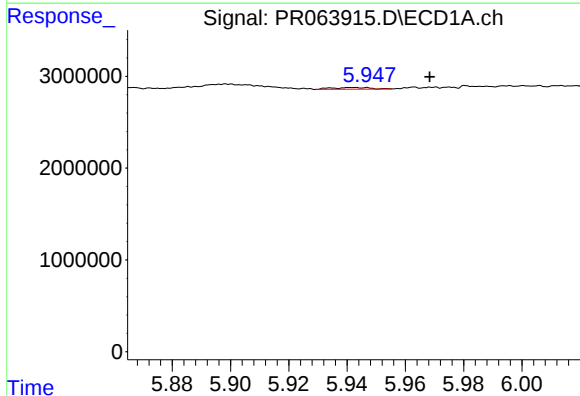
R.T.: 5.164 min
Delta R.T.: -0.006 min
Response: 460547
Conc: 3.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



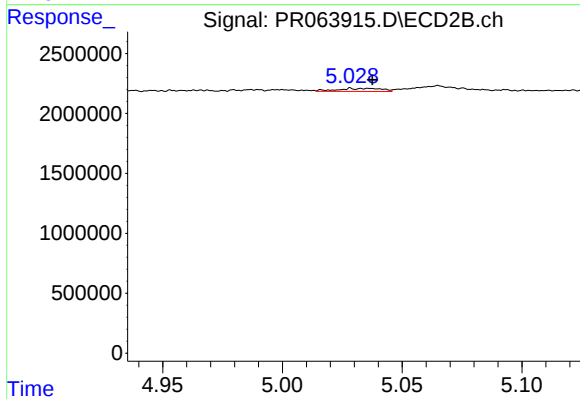
#19 AR-1242-4

R.T.: 4.462 min
Delta R.T.: -0.015 min
Response: 696747
Conc: 8.64 ng/ml



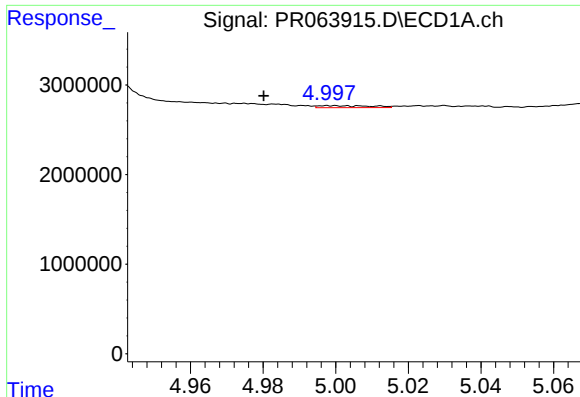
#20 AR-1242-5

R.T.: 5.942 min
Delta R.T.: -0.027 min
Response: 167950
Conc: 1.36 ng/ml



#20 AR-1242-5

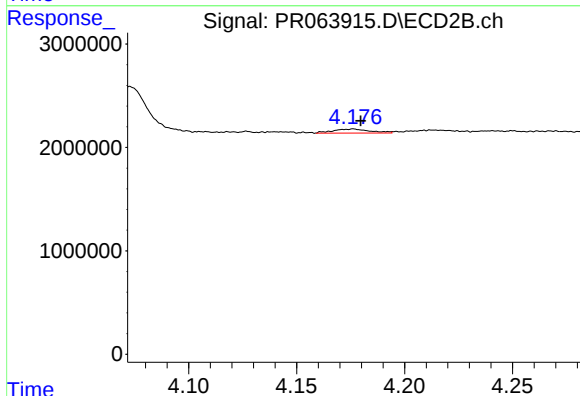
R.T.: 5.029 min
Delta R.T.: -0.008 min
Response: 326428
Conc: 3.15 ng/ml



#21 AR-1248-1

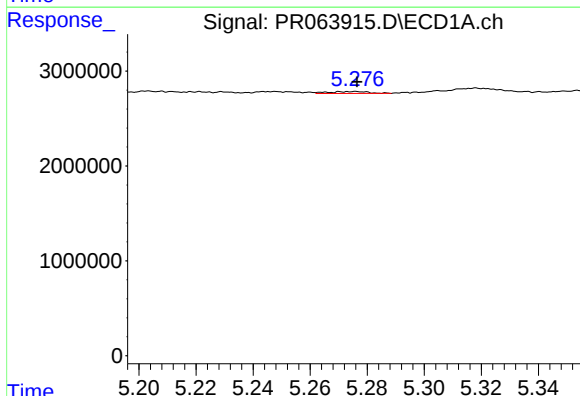
R.T.: 4.998 min
Delta R.T.: 0.018 min
Response: 224311
Conc: 1.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



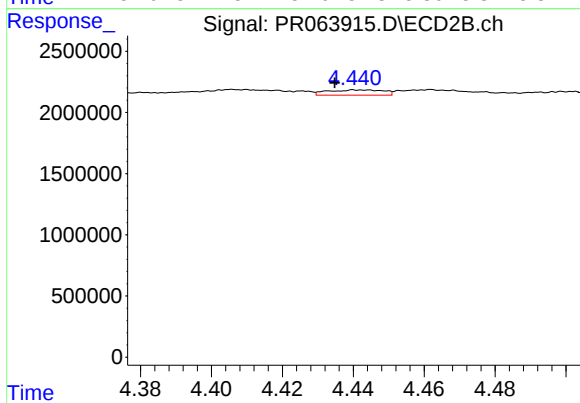
#21 AR-1248-1

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 467633
Conc: 5.56 ng/ml



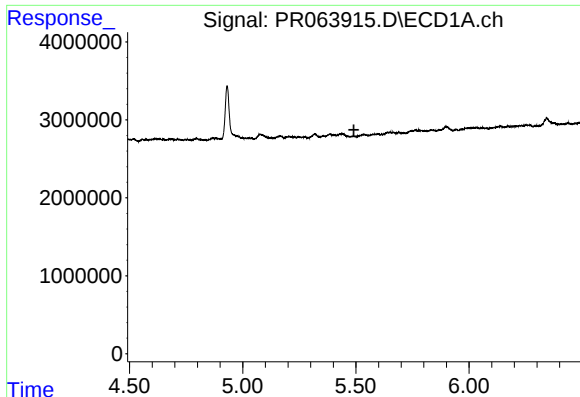
#22 AR-1248-2

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 192409
Conc: 1.13 ng/ml



#22 AR-1248-2

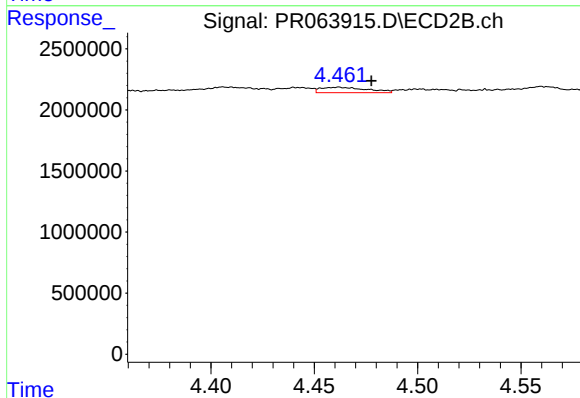
R.T.: 4.442 min
Delta R.T.: 0.007 min
Response: 469270
Conc: 4.05 ng/ml



#23 AR-1248-3

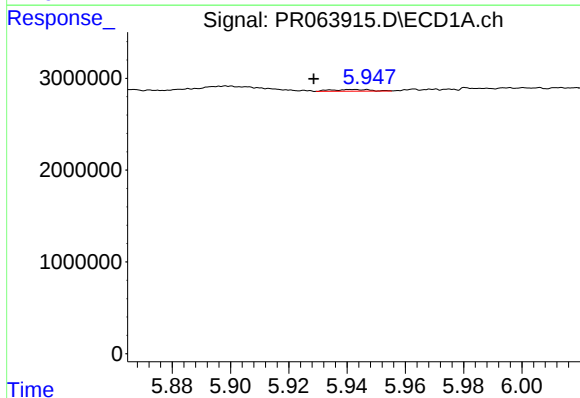
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



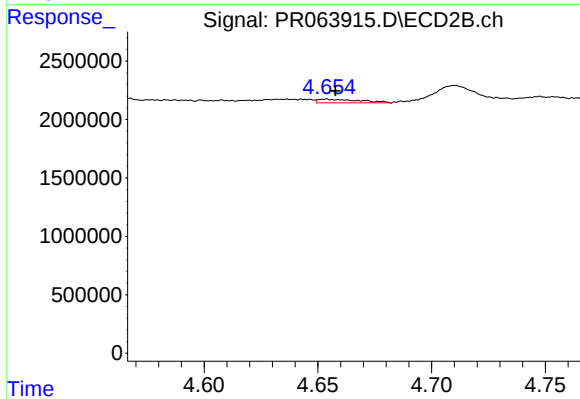
#23 AR-1248-3

R.T.: 4.462 min
Delta R.T.: -0.016 min
Response: 696747
Conc: 5.89 ng/ml



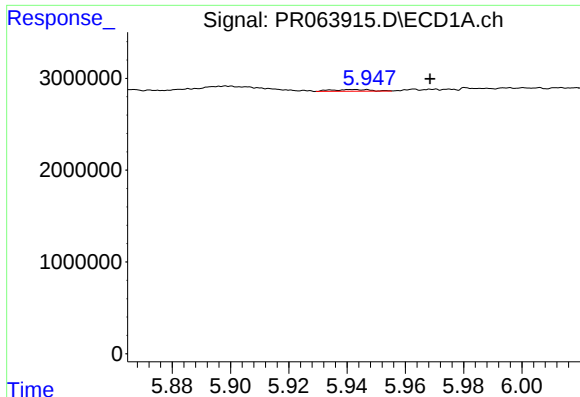
#24 AR-1248-4

R.T.: 5.942 min
Delta R.T.: 0.013 min
Response: 167950
Conc: 0.79 ng/ml



#24 AR-1248-4

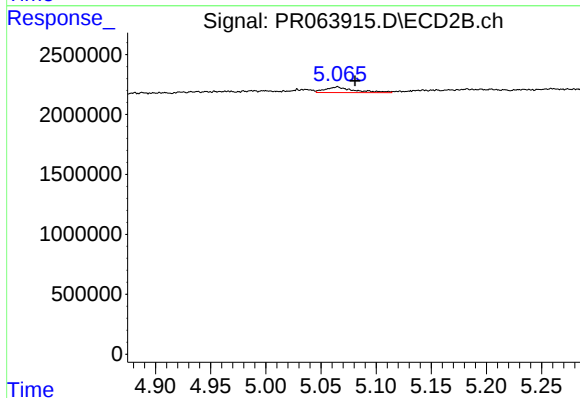
R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 395826
Conc: 2.79 ng/ml



#25 AR-1248-5

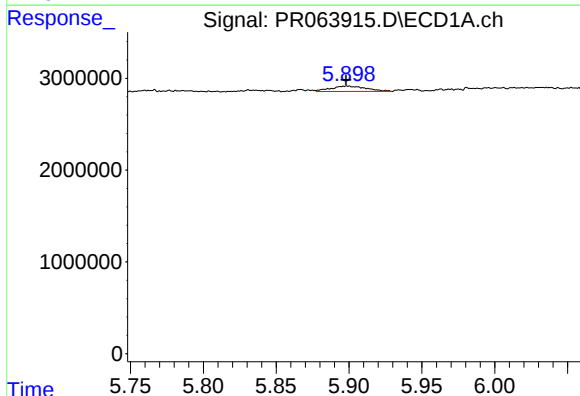
R.T.: 5.942 min
Delta R.T.: -0.027 min
Response: 167950
Conc: 0.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



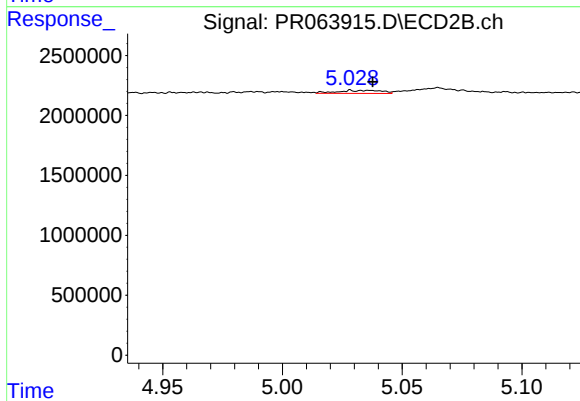
#25 AR-1248-5

R.T.: 5.065 min
Delta R.T.: -0.016 min
Response: 839967
Conc: 6.04 ng/ml



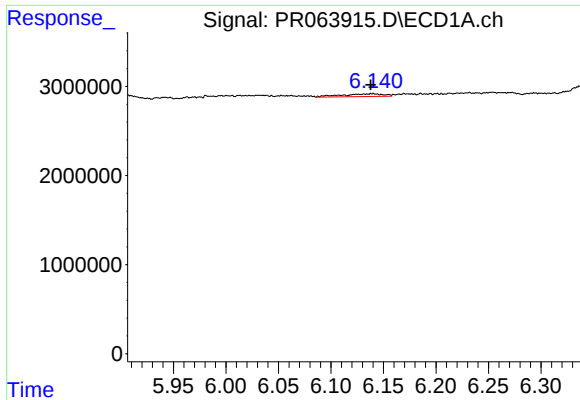
#26 AR-1254-1

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 1001956
Conc: 4.58 ng/ml



#26 AR-1254-1

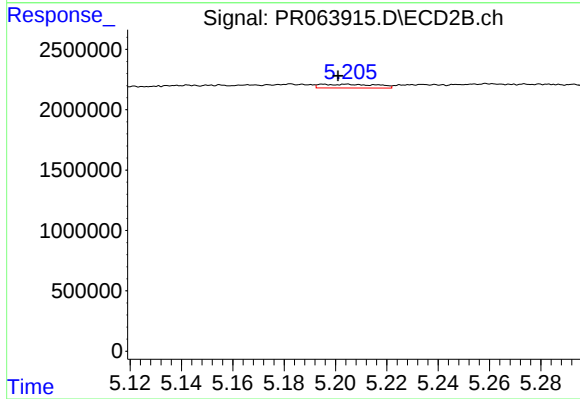
R.T.: 5.029 min
Delta R.T.: -0.008 min
Response: 326428
Conc: 1.60 ng/ml



#27 AR-1254-2

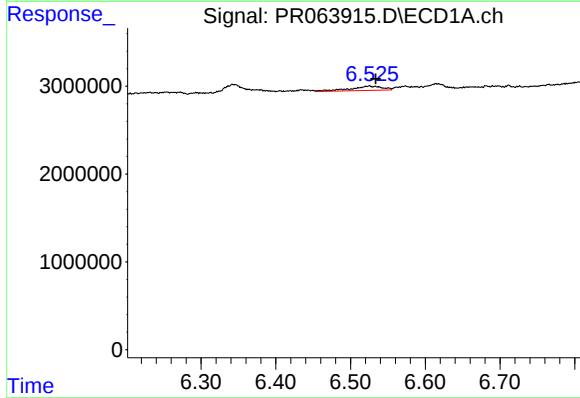
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 813322
Conc: 2.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



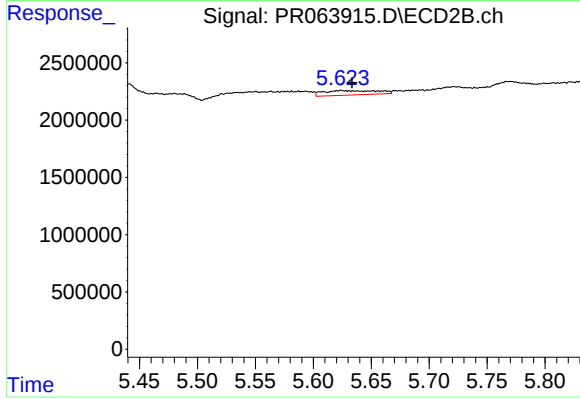
#27 AR-1254-2

R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 471611
Conc: 2.56 ng/ml



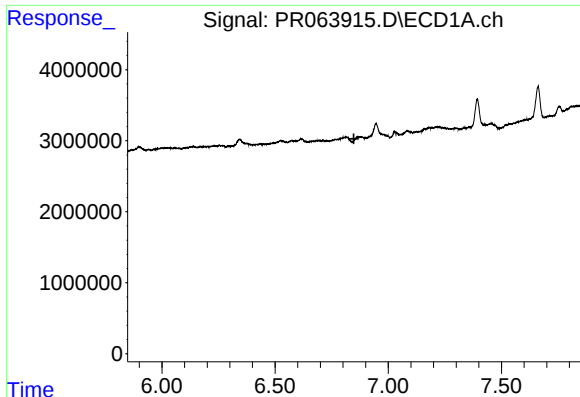
#28 AR-1254-3

R.T.: 6.525 min
Delta R.T.: -0.008 min
Response: 1423366
Conc: 4.22 ng/ml



#28 AR-1254-3

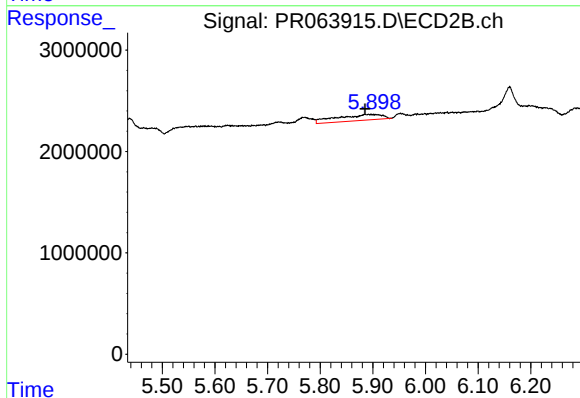
R.T.: 5.624 min
Delta R.T.: -0.009 min
Response: 1252203
Conc: 4.32 ng/ml



#29 AR-1254-4

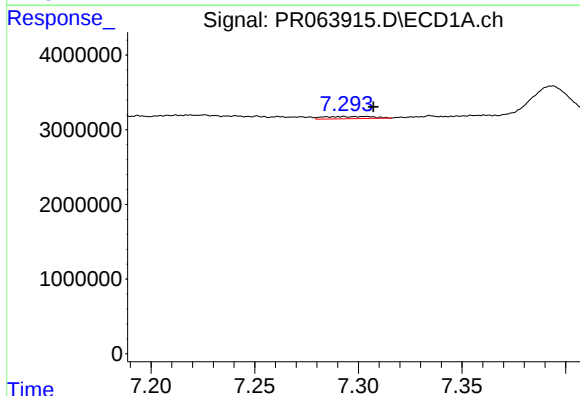
R.T.: 0.000 min
Exp R.T.: 6.848 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



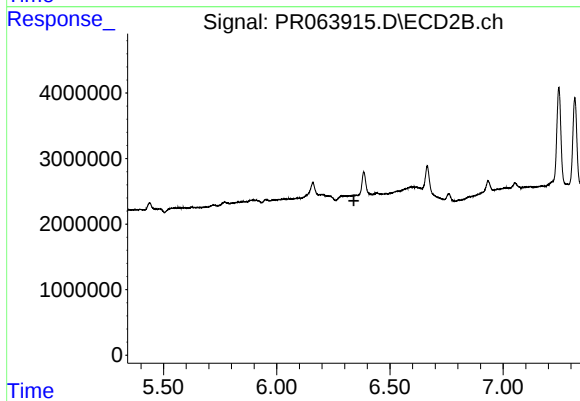
#29 AR-1254-4

R.T.: 5.892 min
Delta R.T.: 0.007 min
Response: 3471336
Conc: 19.26 ng/ml



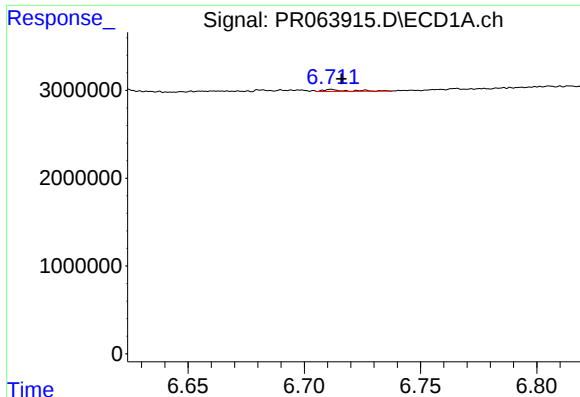
#30 AR-1254-5

R.T.: 7.304 min
Delta R.T.: -0.004 min
Response: 493398
Conc: 1.81 ng/ml



#30 AR-1254-5

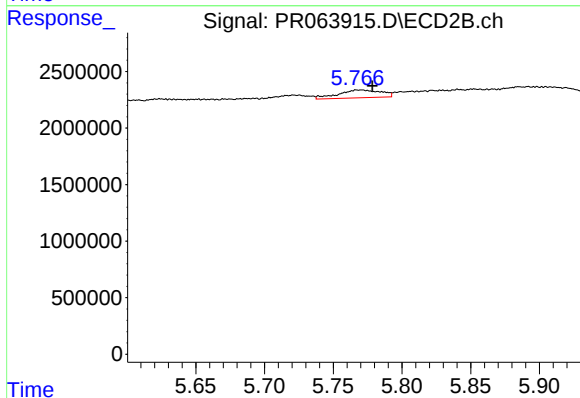
R.T.: 0.000 min
Exp R.T.: 6.341 min
Response: 0
Conc: N.D.



#31 AR-1260-1

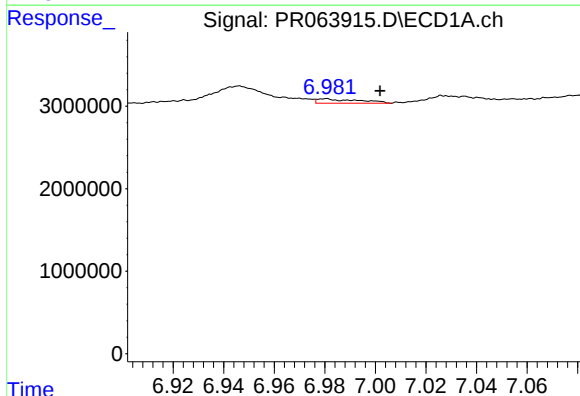
R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 147480
Conc: 0.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



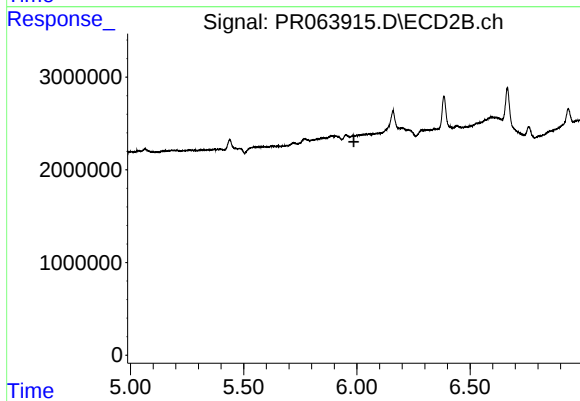
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 1486848
Conc: 6.94 ng/ml



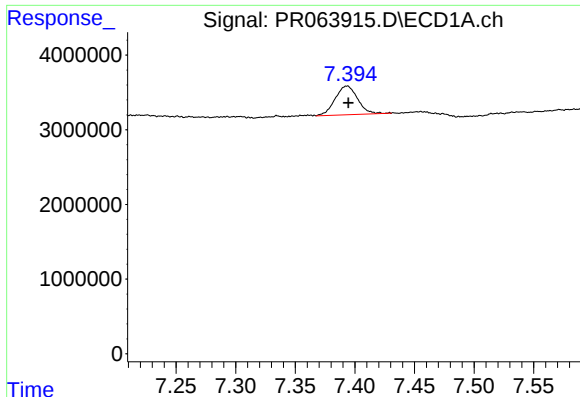
#32 AR-1260-2

R.T.: 6.980 min
Delta R.T.: -0.022 min
Response: 595408
Conc: 1.86 ng/ml



#32 AR-1260-2

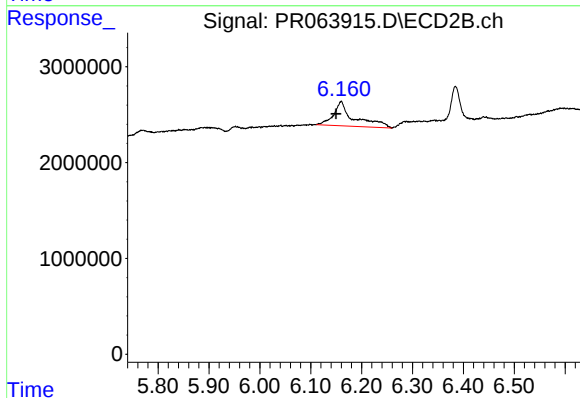
R.T.: 0.000 min
Exp R.T.: 5.987 min
Response: 0
Conc: N.D.



#33 AR-1260-3

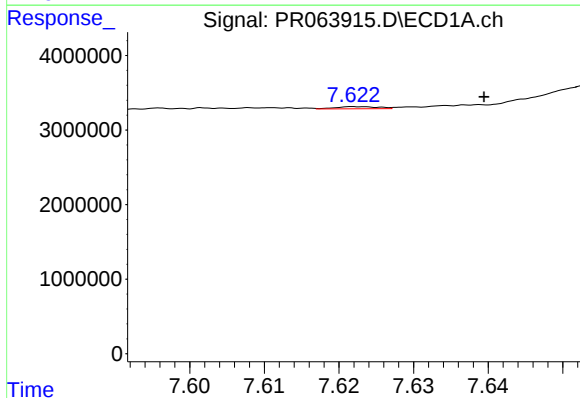
R.T.: 7.393 min
Delta R.T.: -0.001 min
Response: 5162131
Conc: 26.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



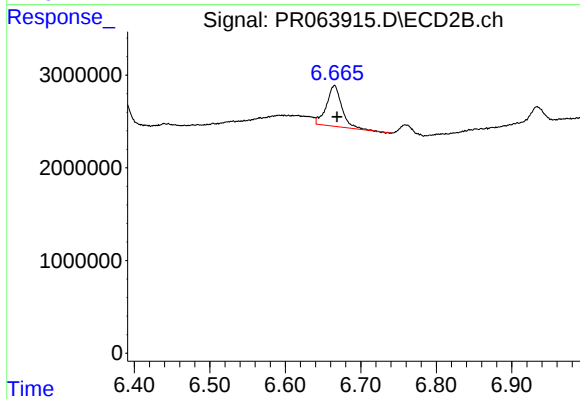
#33 AR-1260-3

R.T.: 6.160 min
Delta R.T.: 0.010 min
Response: 7080973
Conc: 28.09 ng/ml



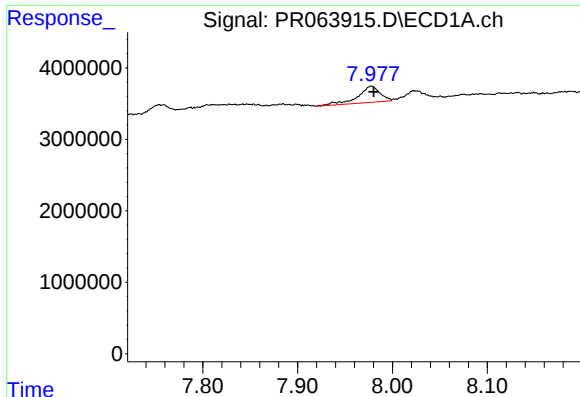
#34 AR-1260-4

R.T.: 7.623 min
Delta R.T.: -0.016 min
Response: 115445
Conc: 0.48 ng/ml



#34 AR-1260-4

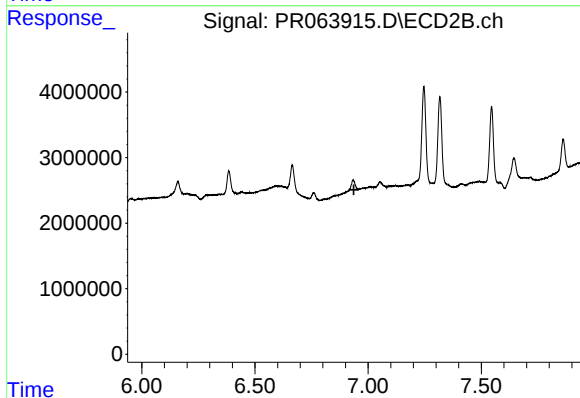
R.T.: 6.665 min
Delta R.T.: -0.004 min
Response: 6247520
Conc: 36.55 ng/ml



#35 AR-1260-5

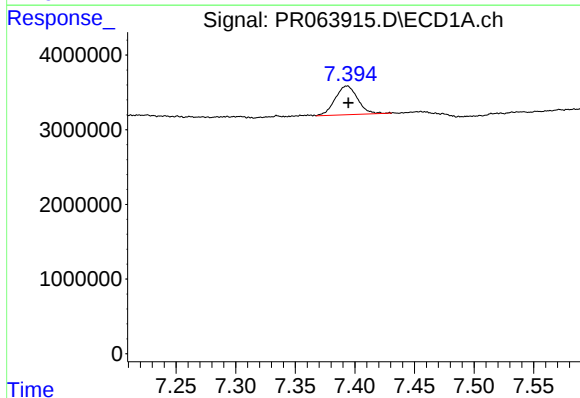
R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 3670189
Conc: 8.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



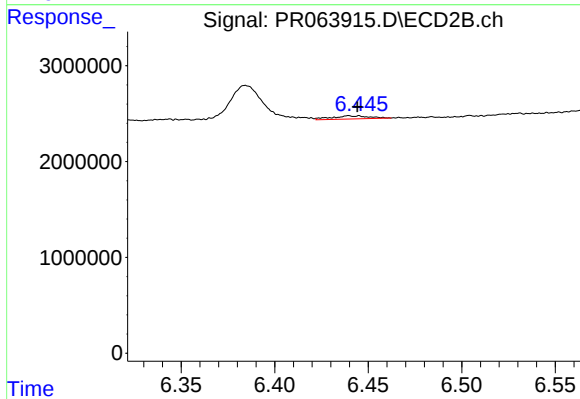
#35 AR-1260-5

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: -3128125
Conc: N.D.



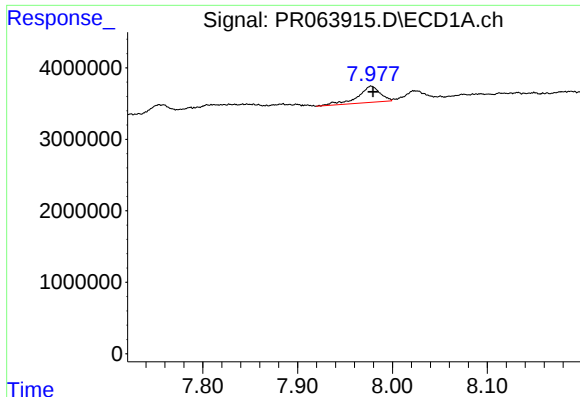
#36 AR-1262-1

R.T.: 7.393 min
Delta R.T.: -0.001 min
Response: 5162131
Conc: 15.84 ng/ml



#36 AR-1262-1

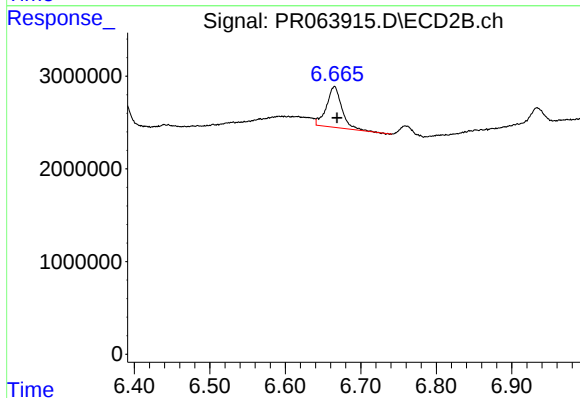
R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 442476
Conc: 4.09 ng/ml



#37 AR-1262-2

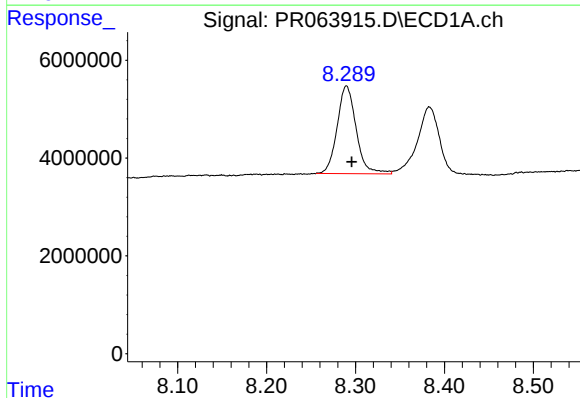
R.T.: 7.978 min
Delta R.T.: -0.002 min
Response: 3670189
Conc: 6.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



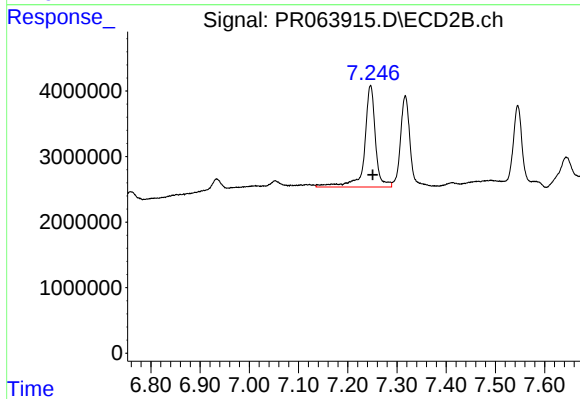
#37 AR-1262-2

R.T.: 6.665 min
Delta R.T.: -0.004 min
Response: 6247520
Conc: 26.91 ng/ml



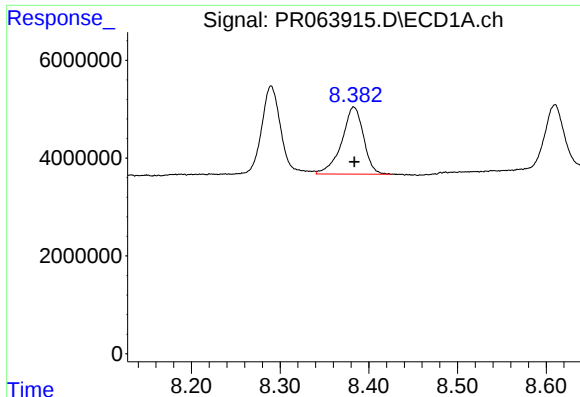
#38 AR-1262-3

R.T.: 8.290 min
Delta R.T.: -0.006 min
Response: 26688851
Conc: 71.22 ng/ml



#38 AR-1262-3

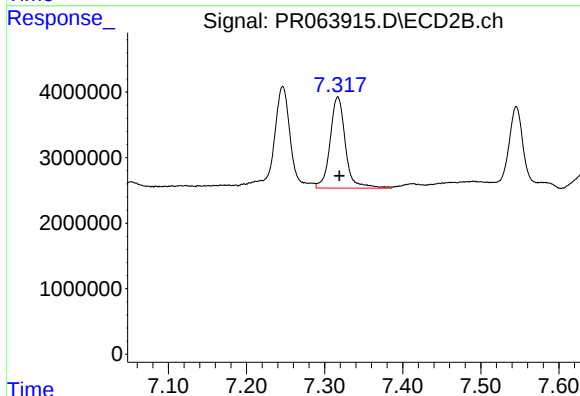
R.T.: 7.246 min
Delta R.T.: -0.004 min
Response: 24085132
Conc: 140.05 ng/ml



#39 AR-1262-4

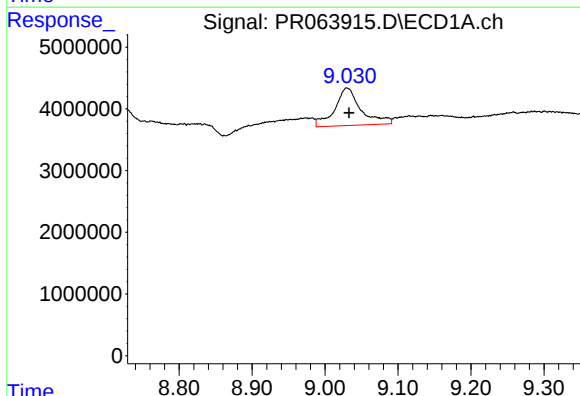
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 23495424
Conc: 82.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



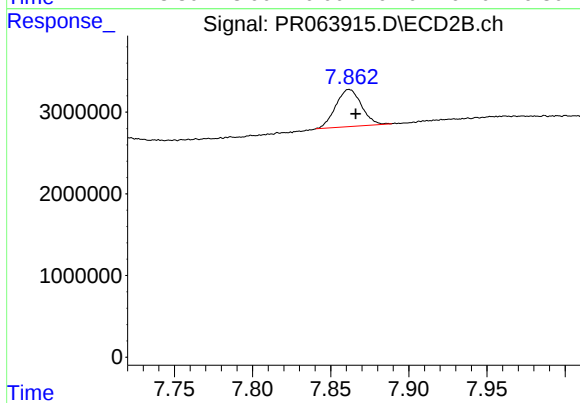
#39 AR-1262-4

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 18997205
Conc: 59.37 ng/ml



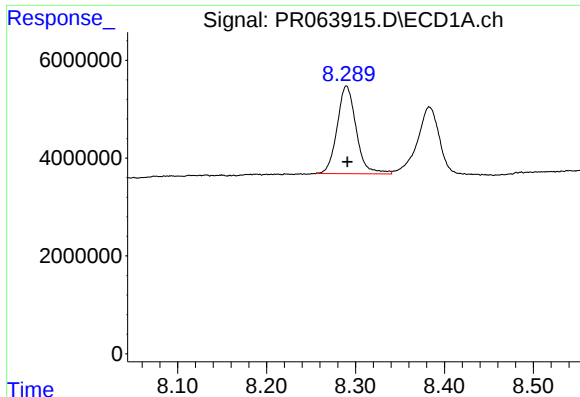
#40 AR-1262-5

R.T.: 9.030 min
Delta R.T.: -0.003 min
Response: 15235808
Conc: 74.19 ng/ml



#40 AR-1262-5

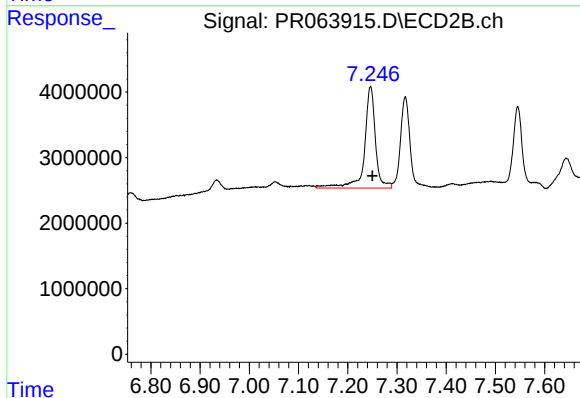
R.T.: 7.862 min
Delta R.T.: -0.004 min
Response: 5178826
Conc: 36.97 ng/ml



#41 AR-1268-1

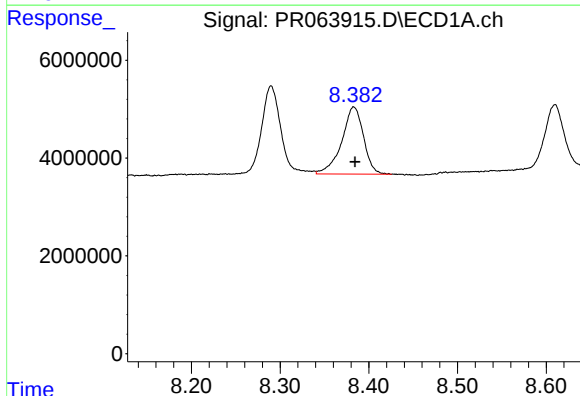
R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 26688851
Conc: 41.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



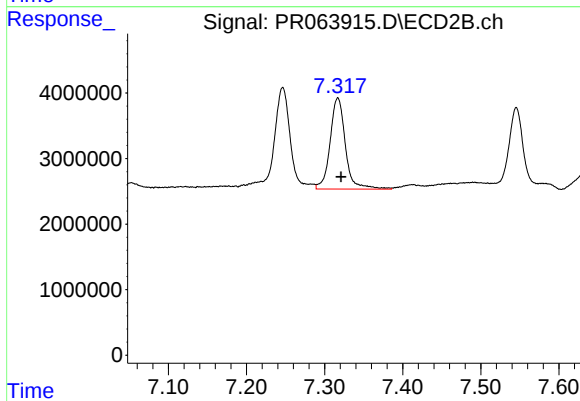
#41 AR-1268-1

R.T.: 7.246 min
Delta R.T.: -0.004 min
Response: 24085132
Conc: 49.75 ng/ml



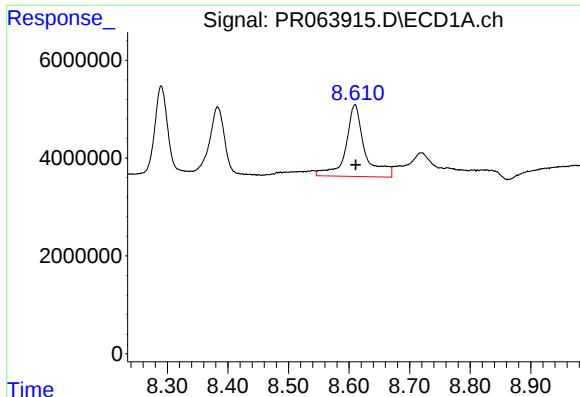
#42 AR-1268-2

R.T.: 8.383 min
Delta R.T.: -0.002 min
Response: 23495424
Conc: 40.64 ng/ml



#42 AR-1268-2

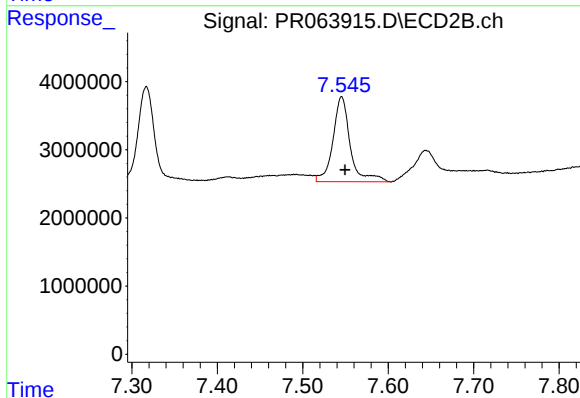
R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 18997205
Conc: 42.72 ng/ml



#43 AR-1268-3

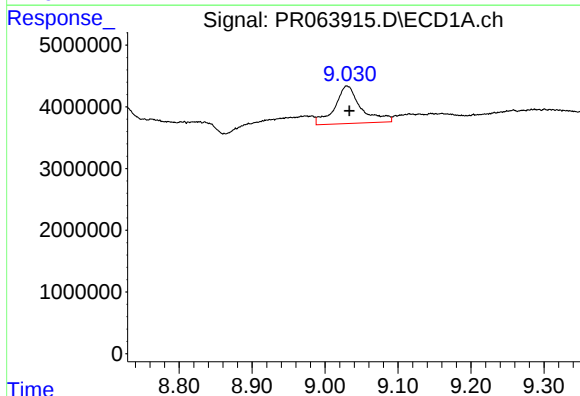
R.T.: 8.610 min
Delta R.T.: -0.001 min
Response: 32216464
Conc: 61.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



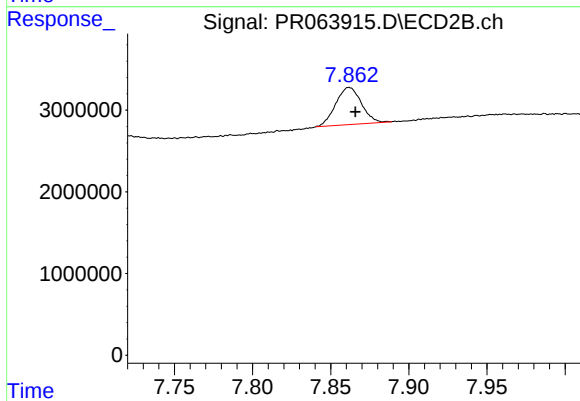
#43 AR-1268-3

R.T.: 7.546 min
Delta R.T.: -0.004 min
Response: 17544220
Conc: 46.82 ng/ml



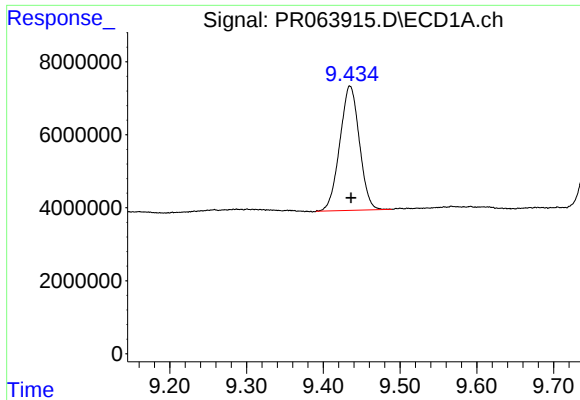
#44 AR-1268-4

R.T.: 9.030 min
Delta R.T.: -0.003 min
Response: 15235808
Conc: 69.37 ng/ml



#44 AR-1268-4

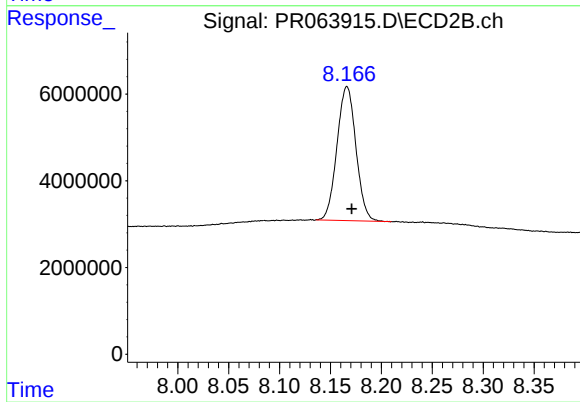
R.T.: 7.862 min
Delta R.T.: -0.004 min
Response: 5178826
Conc: 34.41 ng/ml



#45 AR-1268-5

R.T.: 9.435 min
Delta R.T.: -0.001 min
Response: 60304905
Conc: 36.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.166 min
Delta R.T.: -0.005 min
Response: 40055471
Conc: 36.17 ng/ml