

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081123\
 Data File : PR062593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 10:51
 Operator : YP\AJ
 Sample : 03572-03
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 16:47:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 01:27:38 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...	3.684	2.955	36750859	56885834	18.203	19.595
2)	SA Decachlor...	9.617	8.236	32040813	84560226	21.511	20.379
Target Compounds							
3)	L1 AR-1016-1	4.911	4.079	99146	297303	1.476	2.741 #
4)	L1 AR-1016-2	4.911f	4.100	99146	314014	1.027	2.057 #
5)	L1 AR-1016-3	5.026f	4.283	169732	25964	2.755	0.310 #
6)	L1 AR-1016-4	0.000	4.326	0	2117255	N.D.	31.203 #
7)	L1 AR-1016-5	5.421	4.545	862414	1322521	16.529	14.536
8)	L2 AR-1221-1	3.908	0.000	245608	0	10.041	N.D. #
9)	L2 AR-1221-2	3.999	3.260	446837	1573861	28.842	43.588 #
10)	L2 AR-1221-3	4.046f	3.345	53789	1774255	0.896	19.725 #
11)	L3 AR-1232-1	4.046f	3.345	53789	1774255	1.083	23.690 #
12)	L3 AR-1232-2	4.633	4.100	746596	314014	30.233	4.553 #
13)	L3 AR-1232-3	4.911f	4.283	99146	25964	2.321	0.700 #
14)	L3 AR-1232-4	0.000	4.368	0	622026	N.D.	18.370 #
15)	L3 AR-1232-5	5.207	4.545	1471911	1322521	84.637	33.658 #
16)	L4 AR-1242-1	4.911	4.079	99146	297303	1.779	3.305 #
17)	L4 AR-1242-2	4.911f	4.100	99146	314014	1.235	2.505 #
18)	L4 AR-1242-3	5.026f	4.283	169732	25964	3.296	0.375 #
19)	L4 AR-1242-4	0.000	4.368	0	622026	N.D.	9.071 #
20)	L4 AR-1242-5	5.897	4.918	873908	5539871	20.399	61.877 #
21)	L5 AR-1248-1	4.911	4.079	99146	297303	2.414	4.443 #
22)	L5 AR-1248-2	5.207	4.326	1471911	2117255	24.302	22.094
23)	L5 AR-1248-3	5.421	4.368	862414	622026	12.298	6.300 #
24)	L5 AR-1248-4	5.854	4.545	1060924	1322521	14.668	11.147
25)	L5 AR-1248-5	5.897	4.960	873908	1225427	12.338	10.254
26)	L6 AR-1254-1	5.826	4.918	2325442	5539871	29.096	30.929
27)	L6 AR-1254-2	6.063	5.077	3507823	5605569	29.388	35.843
28)	L6 AR-1254-3	6.456	5.501	3678439	7030296	31.079	27.077
29)	L6 AR-1254-4	6.768	5.749	2304518	4434057	27.685	26.466
30)	L6 AR-1254-5	7.223	6.195	2838494	8503175	31.577	34.195
31)	L7 AR-1260-1	6.636	5.642	1746451	3836818	16.917	19.721
32)	L7 AR-1260-2	6.919	5.847	1611778	2975609	14.694	12.517
33)	L7 AR-1260-3	7.320	6.005	333299	3528492	4.088	15.645 #
34)	L7 AR-1260-4	7.532f	6.507	1776018	1085187	19.748	5.478 #
35)	L7 AR-1260-5	7.889	6.779	1524803	1585422	9.410	3.421 #
36)	L8 AR-1262-1	7.320	6.267f	333299	1935994	2.903	7.437 #
37)	L8 AR-1262-2	7.889	6.779	1524803	1585422	8.438	3.262 #
38)	L8 AR-1262-3	8.206	7.088	276271	636313	2.178	3.202 #
39)	L8 AR-1262-4	0.000	7.150	0	900587	N.D.	2.419 #
41)	L9 AR-1268-1	8.206	7.088	276271	636313	1.274	1.093
42)	L9 AR-1268-2	0.000	7.150	0	900587	N.D.	1.672 #

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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	8.511	7.376	423435	665686	2.387	1.411 #
45) L9	AR-1268-5	9.303	7.989	319783	1391429	0.629	0.930 #

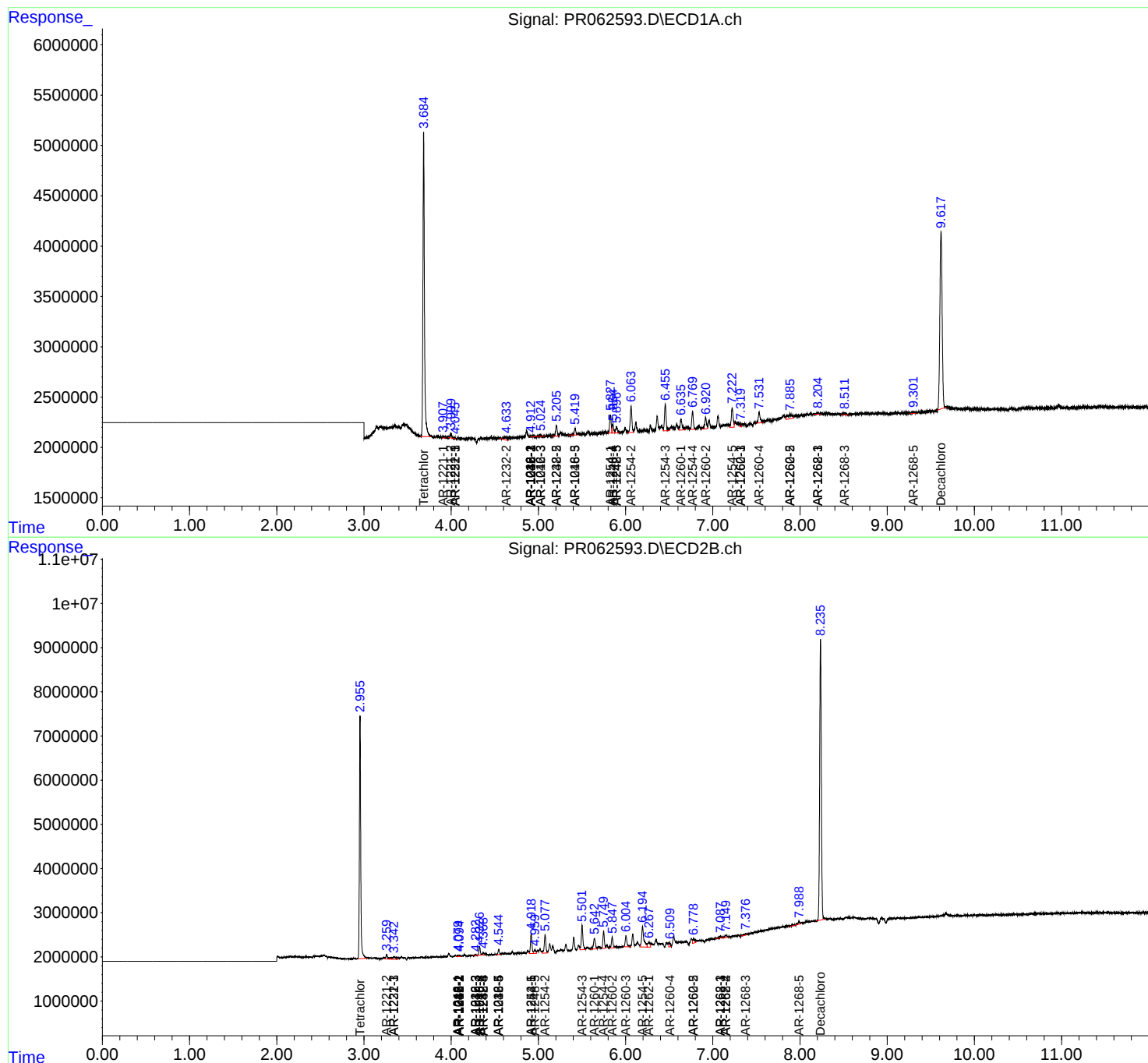
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

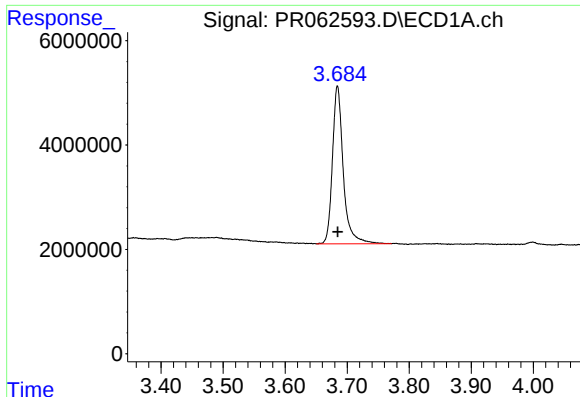
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081123\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

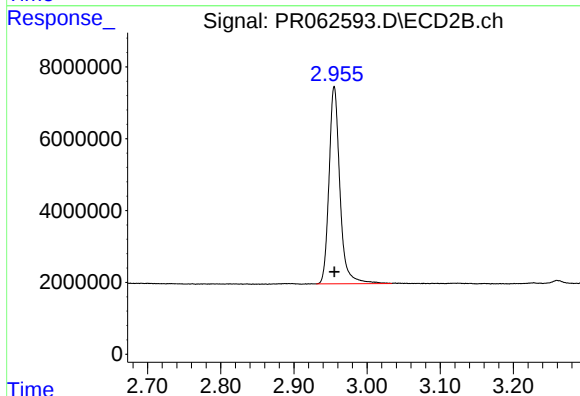




#1 Tetrachloro-m-xylene

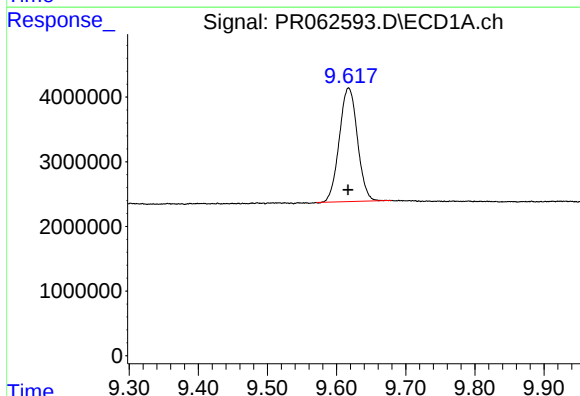
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 36750859
Conc: 18.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



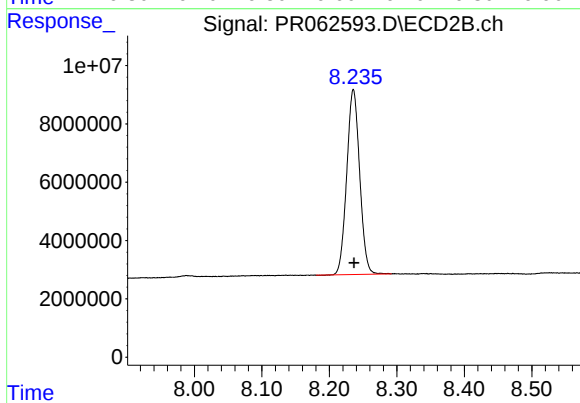
#1 Tetrachloro-m-xylene

R.T.: 2.955 min
Delta R.T.: 0.000 min
Response: 56885834
Conc: 19.60 ng/ml



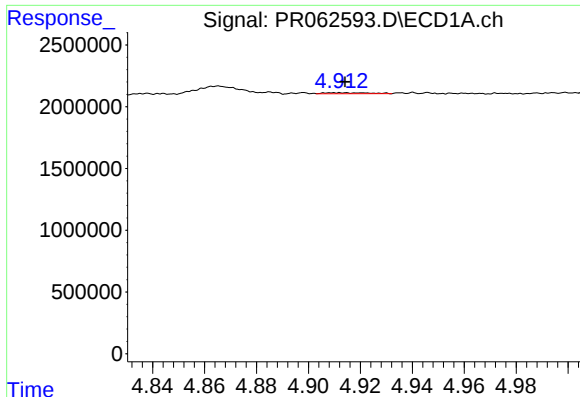
#2 Decachlorobiphenyl

R.T.: 9.617 min
Delta R.T.: 0.000 min
Response: 32040813
Conc: 21.51 ng/ml



#2 Decachlorobiphenyl

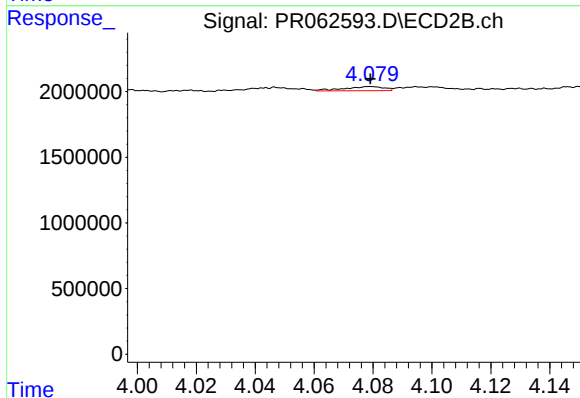
R.T.: 8.236 min
Delta R.T.: -0.001 min
Response: 84560226
Conc: 20.38 ng/ml



#3 AR-1016-1

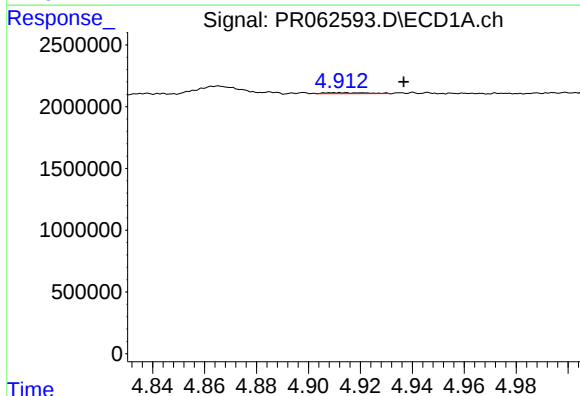
R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 99146
Conc: 1.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



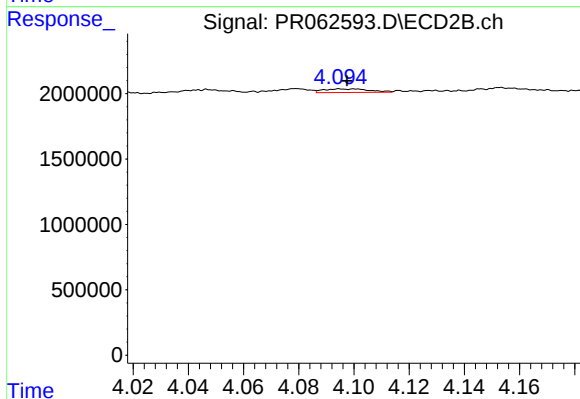
#3 AR-1016-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 297303
Conc: 2.74 ng/ml



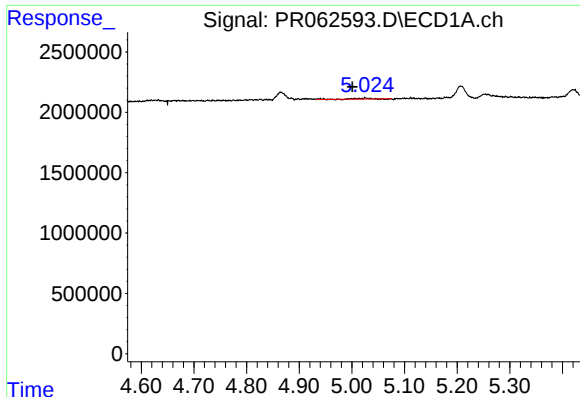
#4 AR-1016-2

R.T.: 4.911 min
Delta R.T.: -0.025 min
Response: 99146
Conc: 1.03 ng/ml



#4 AR-1016-2

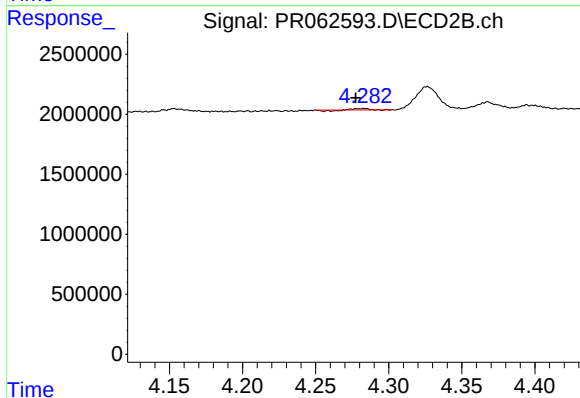
R.T.: 4.100 min
Delta R.T.: 0.003 min
Response: 314014
Conc: 2.06 ng/ml



#5 AR-1016-3

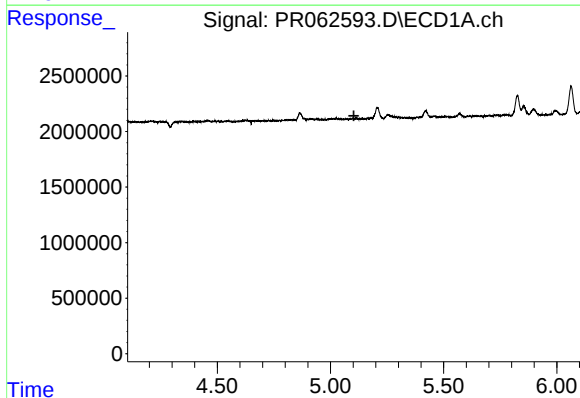
R.T.: 5.026 min
Delta R.T.: 0.025 min
Response: 169732
Conc: 2.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



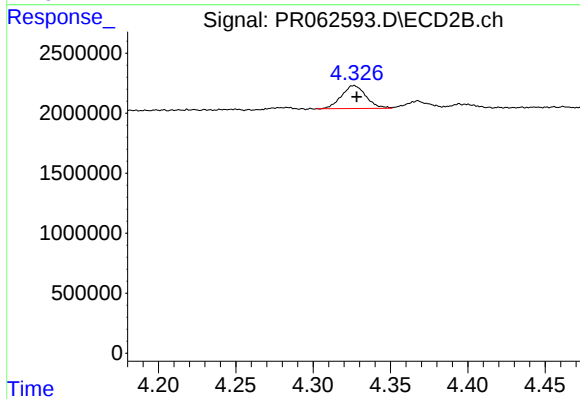
#5 AR-1016-3

R.T.: 4.283 min
Delta R.T.: 0.006 min
Response: 25964
Conc: 0.31 ng/ml



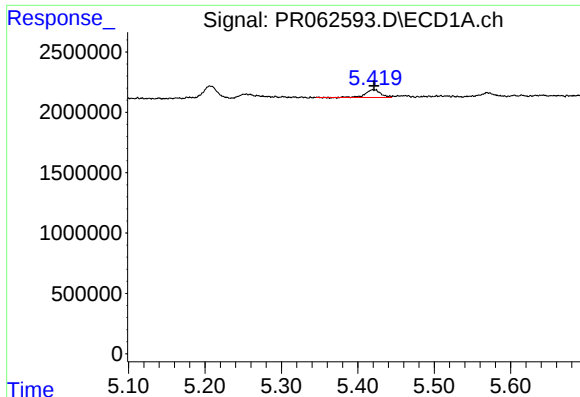
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#6 AR-1016-4

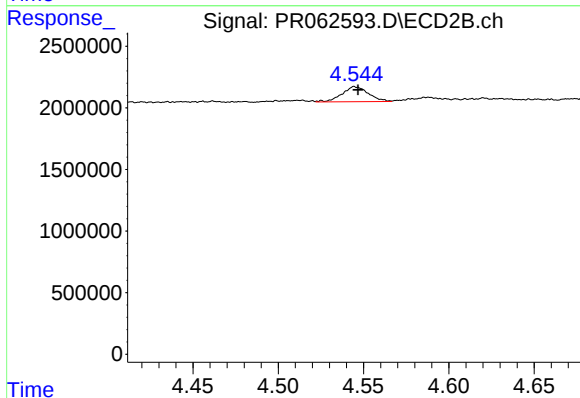
R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 2117255
Conc: 31.20 ng/ml



#7 AR-1016-5

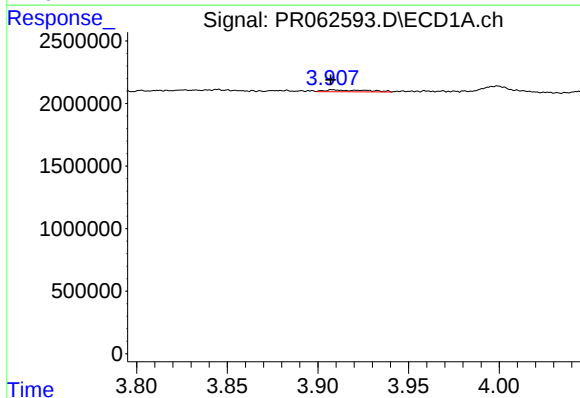
R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 862414
Conc: 16.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



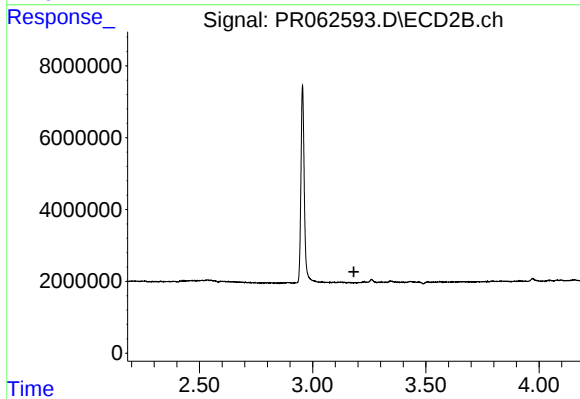
#7 AR-1016-5

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 1322521
Conc: 14.54 ng/ml



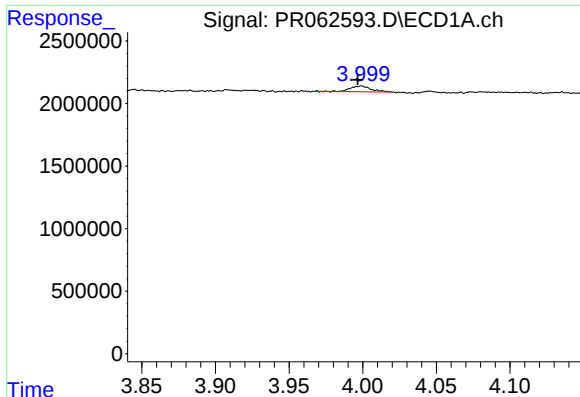
#8 AR-1221-1

R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 245608
Conc: 10.04 ng/ml



#8 AR-1221-1

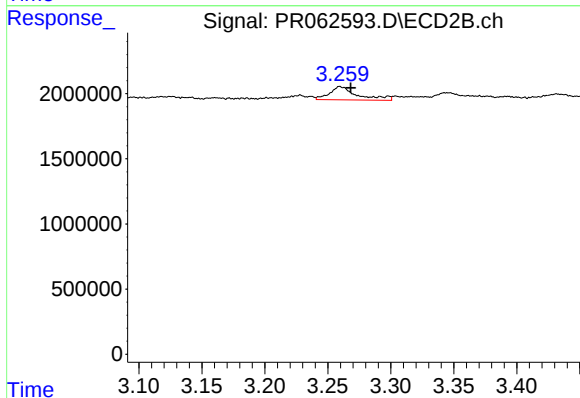
R.T.: 0.000 min
Exp R.T. : 3.182 min
Response: 0
Conc: N.D.



#9 AR-1221-2

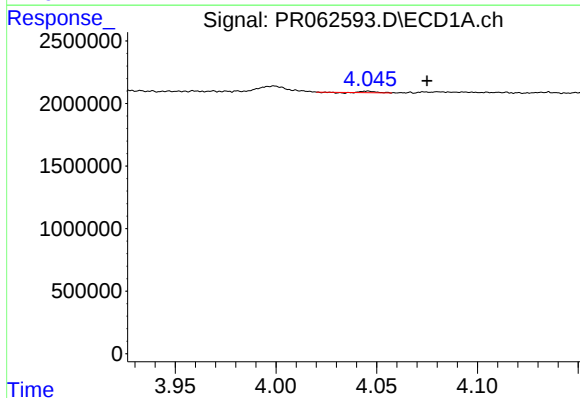
R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 446837
Conc: 28.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



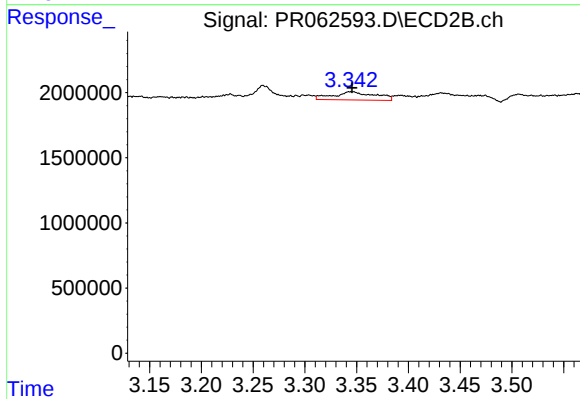
#9 AR-1221-2

R.T.: 3.260 min
Delta R.T.: -0.008 min
Response: 1573861
Conc: 43.59 ng/ml



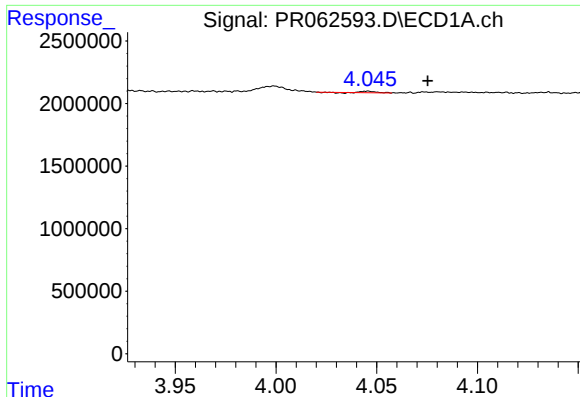
#10 AR-1221-3

R.T.: 4.046 min
Delta R.T.: -0.029 min
Response: 53789
Conc: 0.90 ng/ml



#10 AR-1221-3

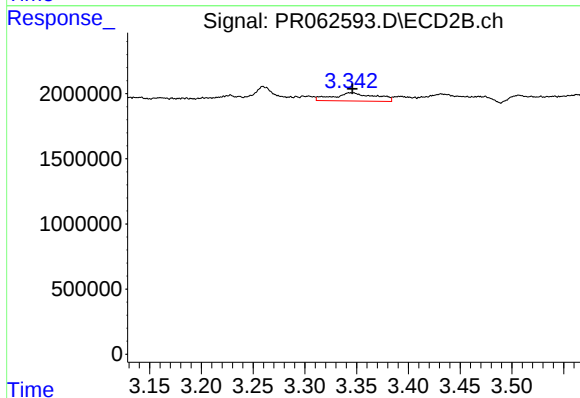
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 1774255
Conc: 19.73 ng/ml



#11 AR-1232-1

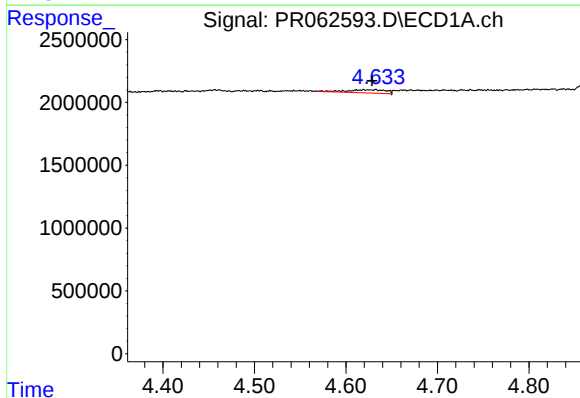
R.T.: 4.046 min
Delta R.T.: -0.030 min
Response: 53789
Conc: 1.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



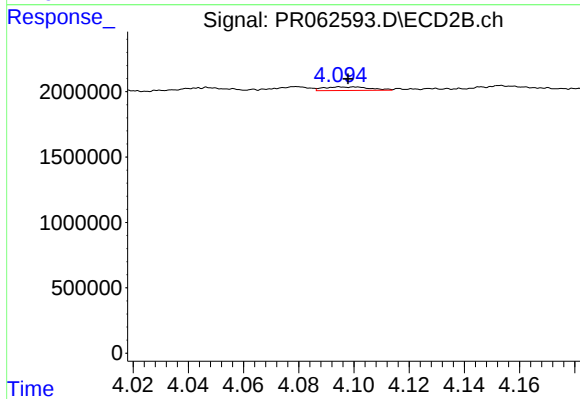
#11 AR-1232-1

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 1774255
Conc: 23.69 ng/ml



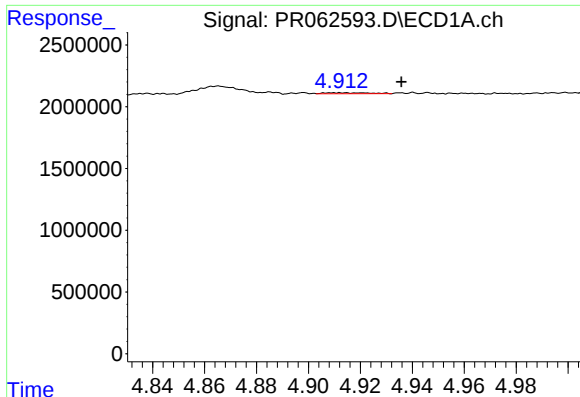
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: 0.004 min
Response: 746596
Conc: 30.23 ng/ml



#12 AR-1232-2

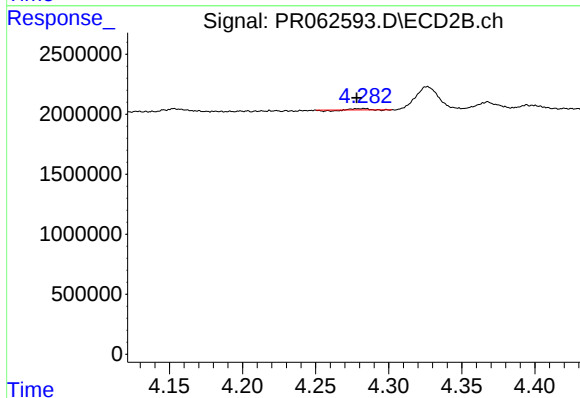
R.T.: 4.100 min
Delta R.T.: 0.003 min
Response: 314014
Conc: 4.55 ng/ml



#13 AR-1232-3

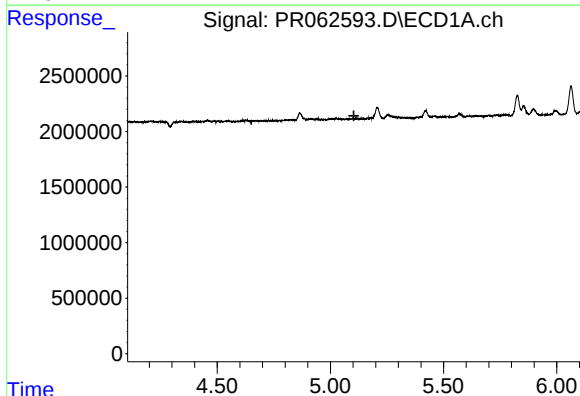
R.T.: 4.911 min
Delta R.T.: -0.024 min
Response: 99146
Conc: 2.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



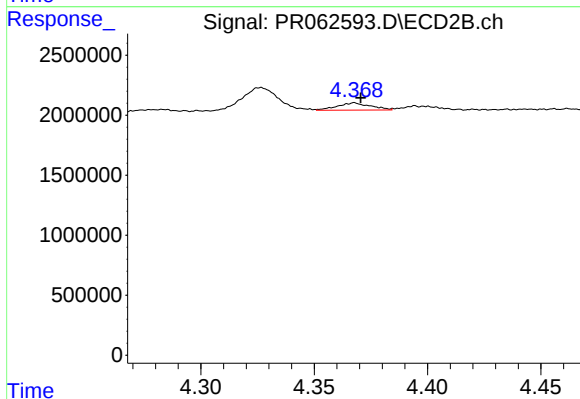
#13 AR-1232-3

R.T.: 4.283 min
Delta R.T.: 0.005 min
Response: 25964
Conc: 0.70 ng/ml



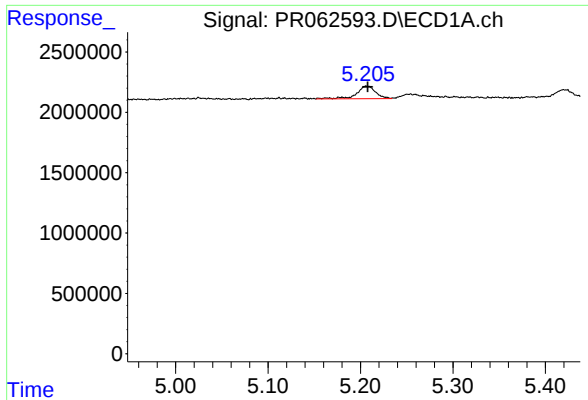
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#14 AR-1232-4

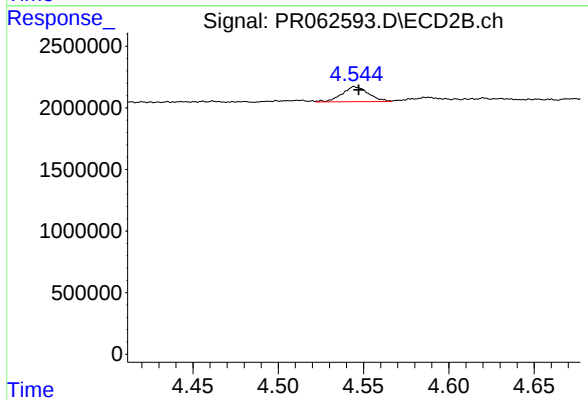
R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 622026
Conc: 18.37 ng/ml



#15 AR-1232-5

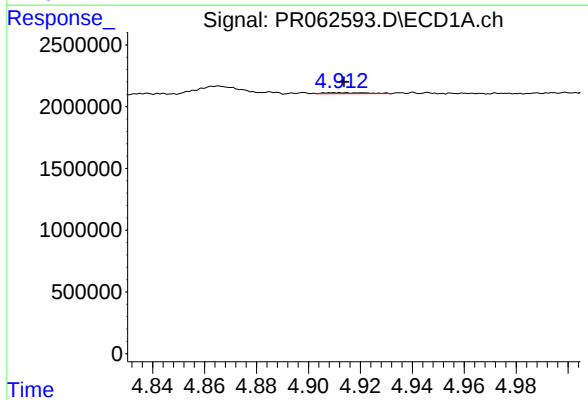
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1471911
Conc: 84.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



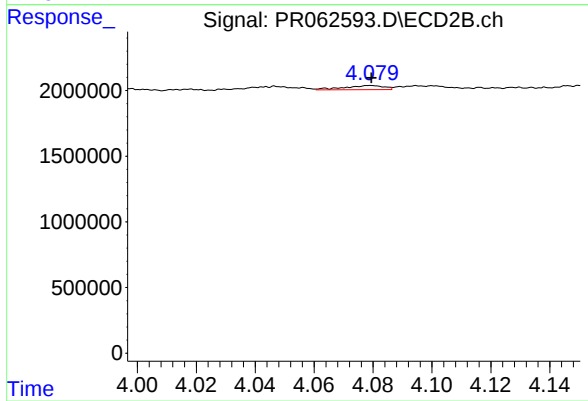
#15 AR-1232-5

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 1322521
Conc: 33.66 ng/ml



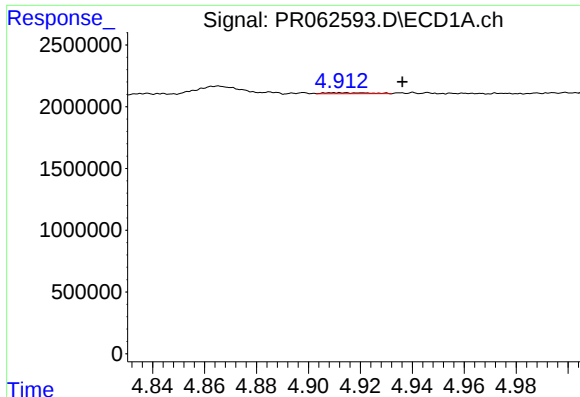
#16 AR-1242-1

R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 99146
Conc: 1.78 ng/ml



#16 AR-1242-1

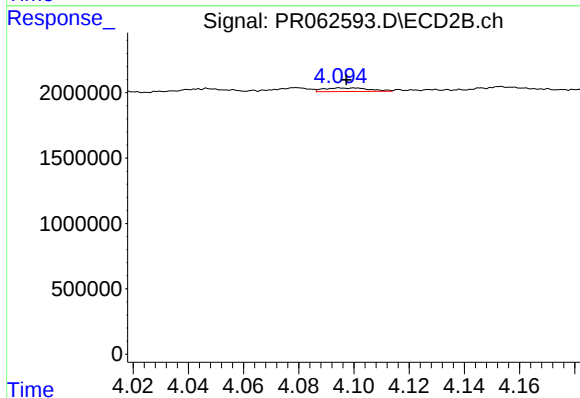
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 297303
Conc: 3.30 ng/ml



#17 AR-1242-2

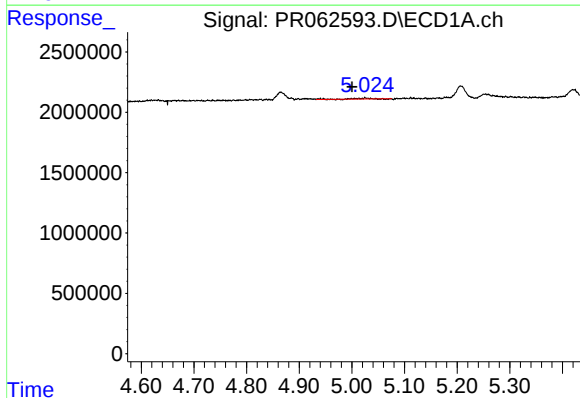
R.T.: 4.911 min
Delta R.T.: -0.025 min
Response: 99146
Conc: 1.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



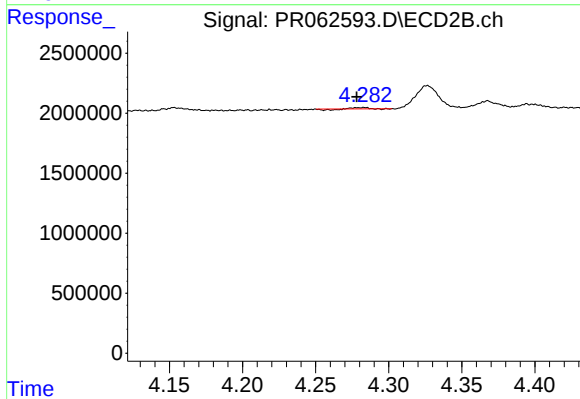
#17 AR-1242-2

R.T.: 4.100 min
Delta R.T.: 0.003 min
Response: 314014
Conc: 2.50 ng/ml



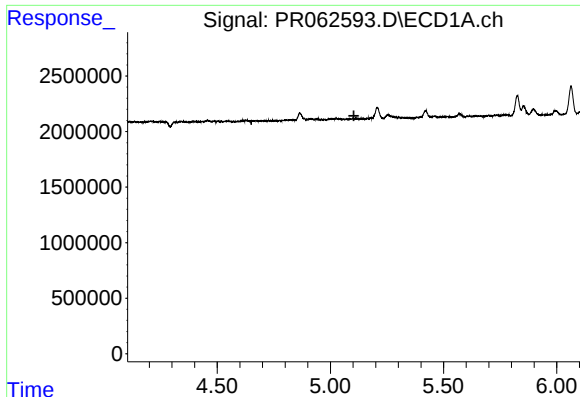
#18 AR-1242-3

R.T.: 5.026 min
Delta R.T.: 0.025 min
Response: 169732
Conc: 3.30 ng/ml



#18 AR-1242-3

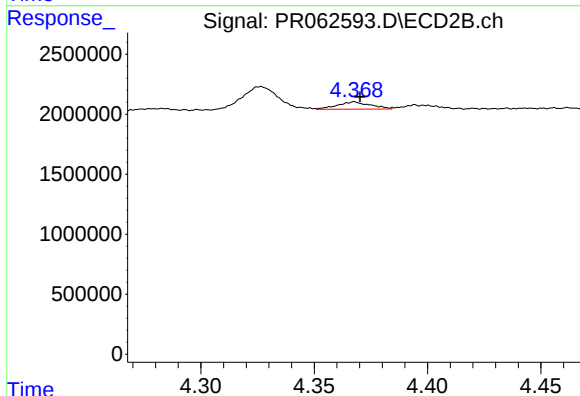
R.T.: 4.283 min
Delta R.T.: 0.005 min
Response: 25964
Conc: 0.38 ng/ml



#19 AR-1242-4

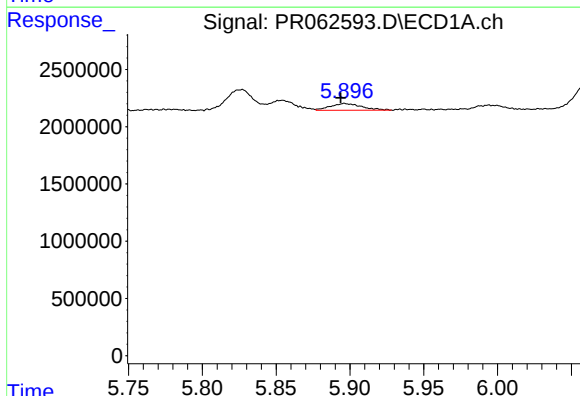
R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



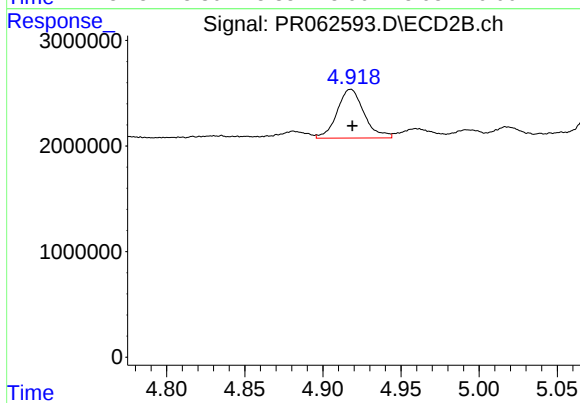
#19 AR-1242-4

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 622026
Conc: 9.07 ng/ml



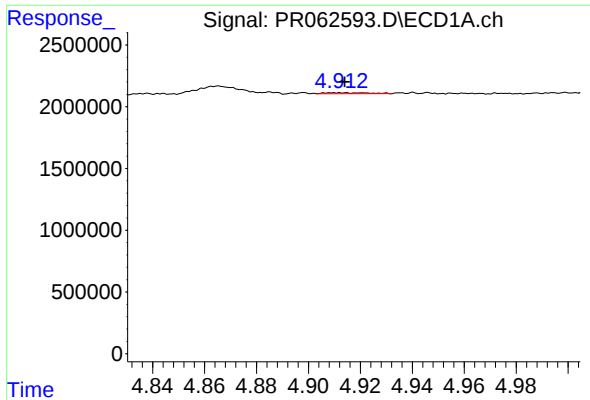
#20 AR-1242-5

R.T.: 5.897 min
Delta R.T.: 0.003 min
Response: 873908
Conc: 20.40 ng/ml



#20 AR-1242-5

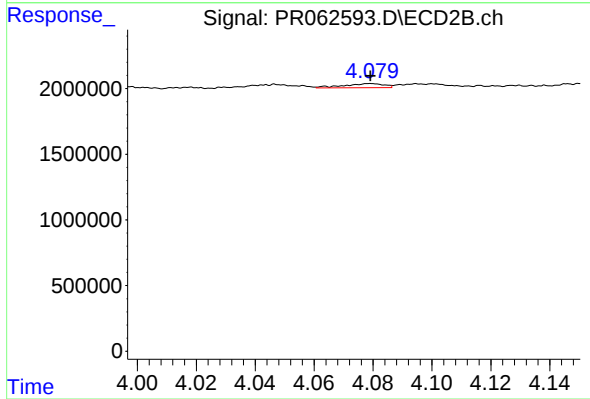
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 5539871
Conc: 61.88 ng/ml



#21 AR-1248-1

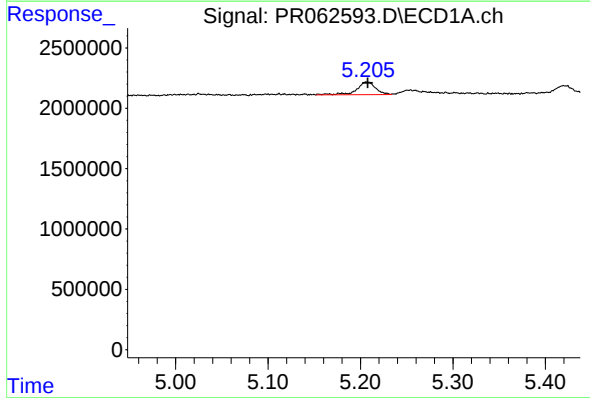
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 99146
Conc: 2.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



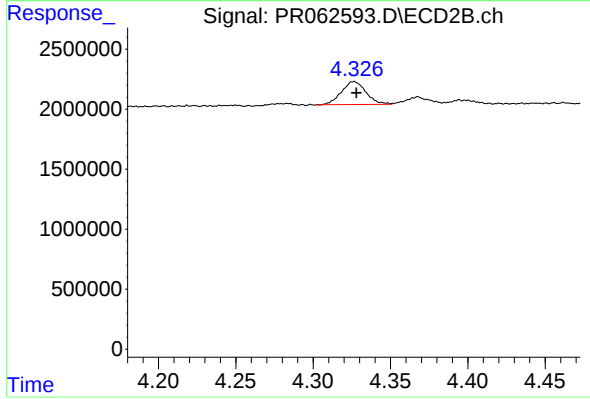
#21 AR-1248-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 297303
Conc: 4.44 ng/ml



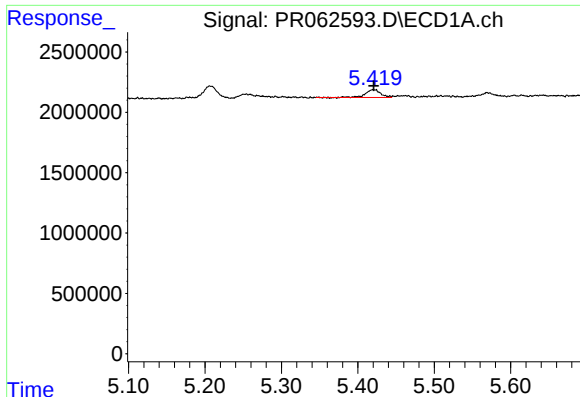
#22 AR-1248-2

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1471911
Conc: 24.30 ng/ml



#22 AR-1248-2

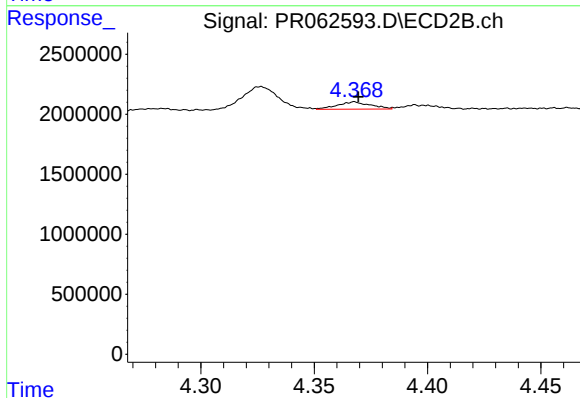
R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 2117255
Conc: 22.09 ng/ml



#23 AR-1248-3

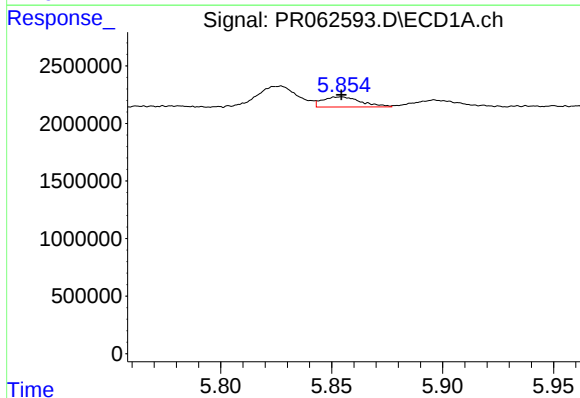
R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 862414
Conc: 12.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



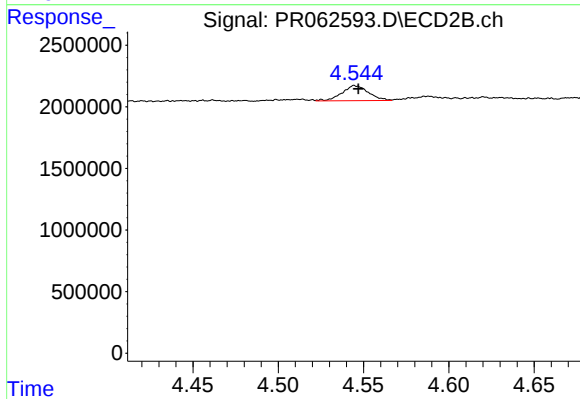
#23 AR-1248-3

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 622026
Conc: 6.30 ng/ml



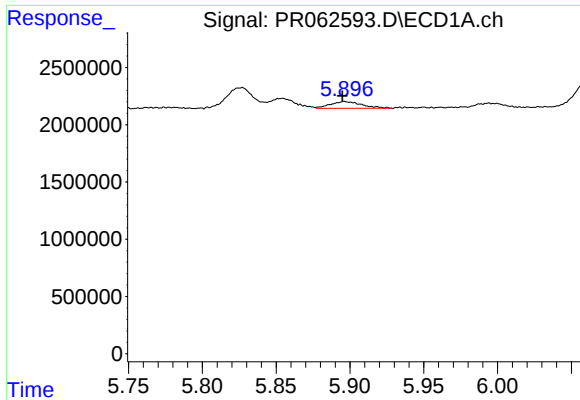
#24 AR-1248-4

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 1060924
Conc: 14.67 ng/ml



#24 AR-1248-4

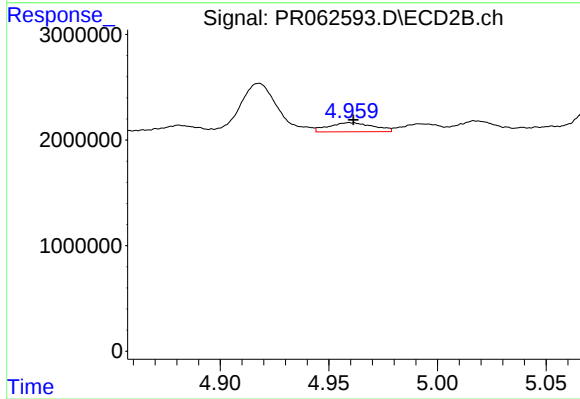
R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 1322521
Conc: 11.15 ng/ml



#25 AR-1248-5

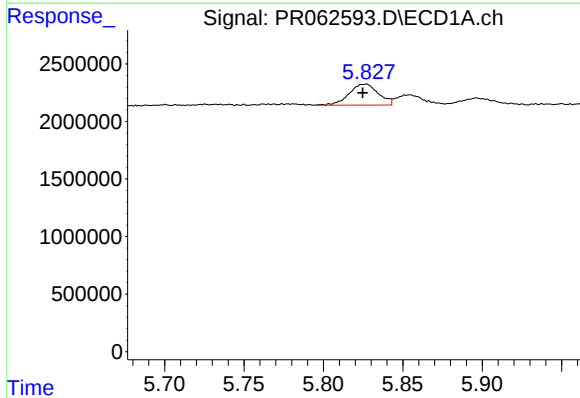
R.T.: 5.897 min
Delta R.T.: 0.002 min
Response: 873908
Conc: 12.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



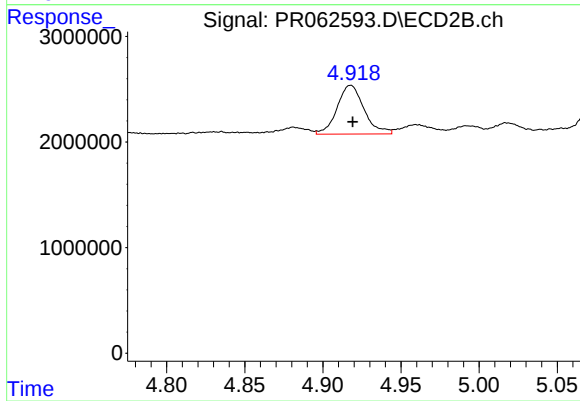
#25 AR-1248-5

R.T.: 4.960 min
Delta R.T.: -0.001 min
Response: 1225427
Conc: 10.25 ng/ml



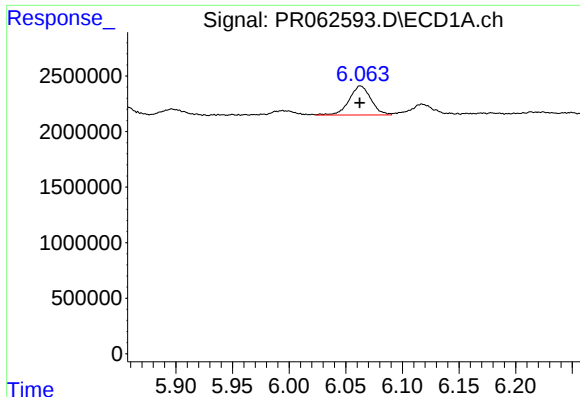
#26 AR-1254-1

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 2325442
Conc: 29.10 ng/ml



#26 AR-1254-1

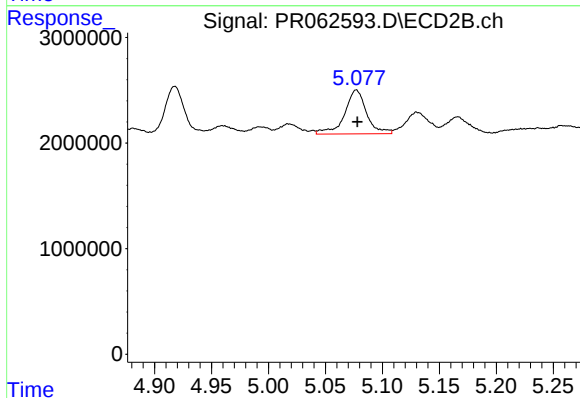
R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 5539871
Conc: 30.93 ng/ml



#27 AR-1254-2

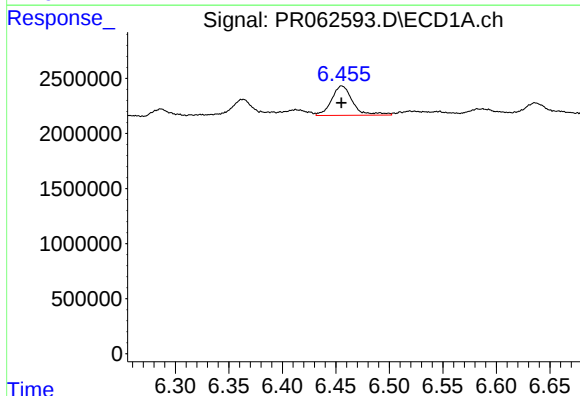
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 3507823
Conc: 29.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



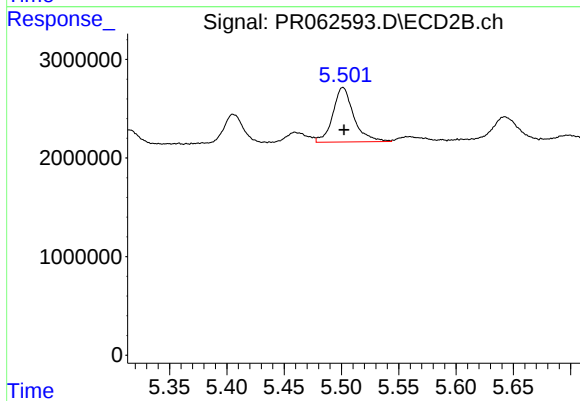
#27 AR-1254-2

R.T.: 5.077 min
Delta R.T.: -0.001 min
Response: 5605569
Conc: 35.84 ng/ml



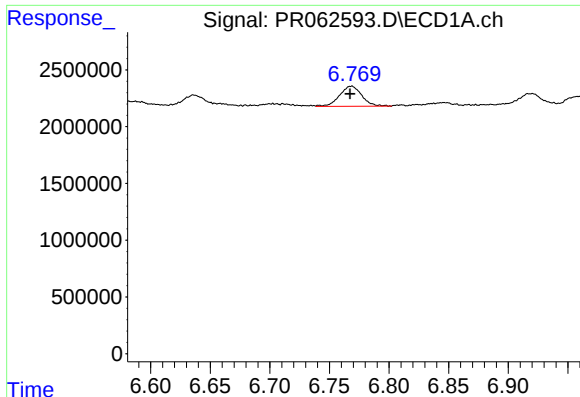
#28 AR-1254-3

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 3678439
Conc: 31.08 ng/ml



#28 AR-1254-3

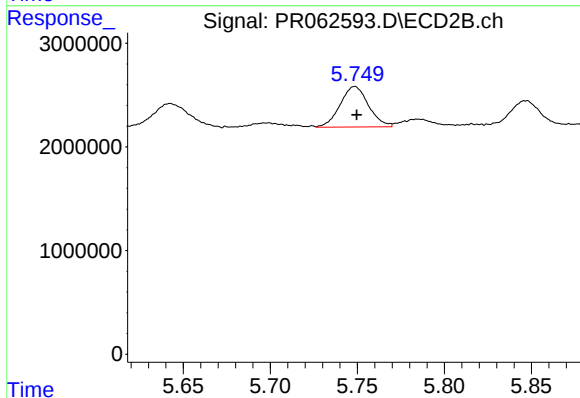
R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 7030296
Conc: 27.08 ng/ml



#29 AR-1254-4

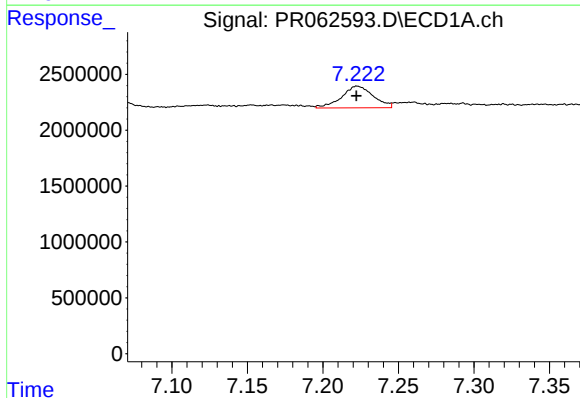
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 2304518
Conc: 27.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



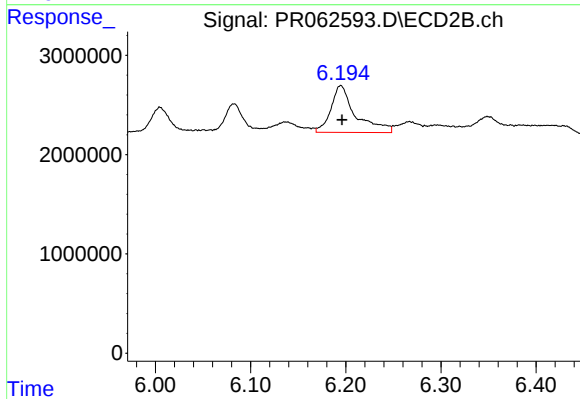
#29 AR-1254-4

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 4434057
Conc: 26.47 ng/ml



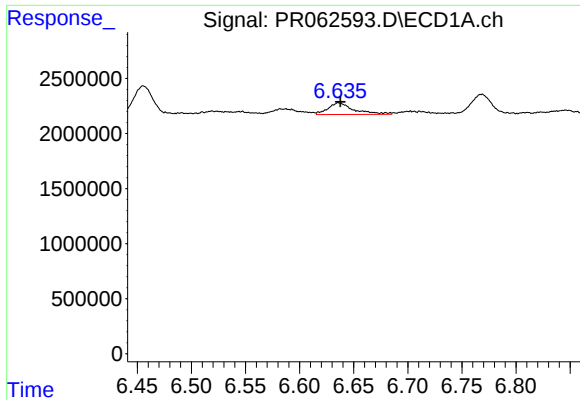
#30 AR-1254-5

R.T.: 7.223 min
Delta R.T.: 0.000 min
Response: 2838494
Conc: 31.58 ng/ml



#30 AR-1254-5

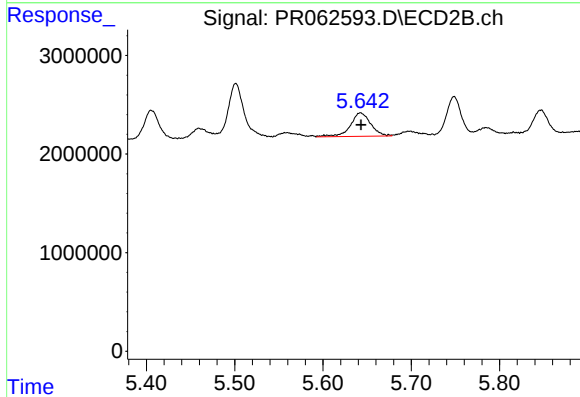
R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 8503175
Conc: 34.19 ng/ml



#31 AR-1260-1

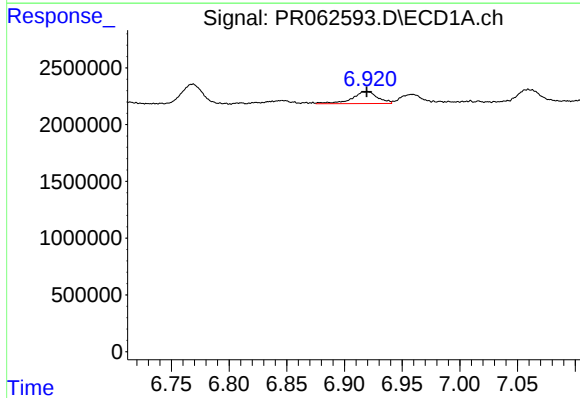
R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 1746451
Conc: 16.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



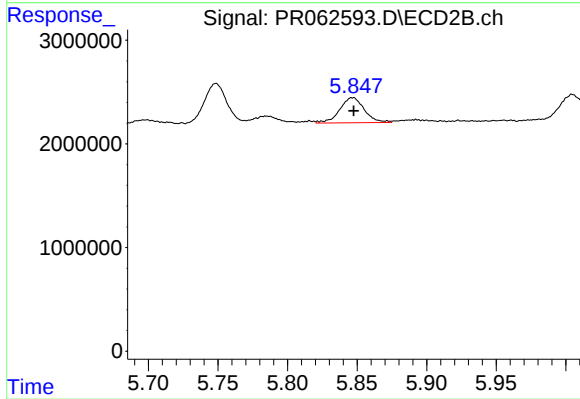
#31 AR-1260-1

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 3836818
Conc: 19.72 ng/ml



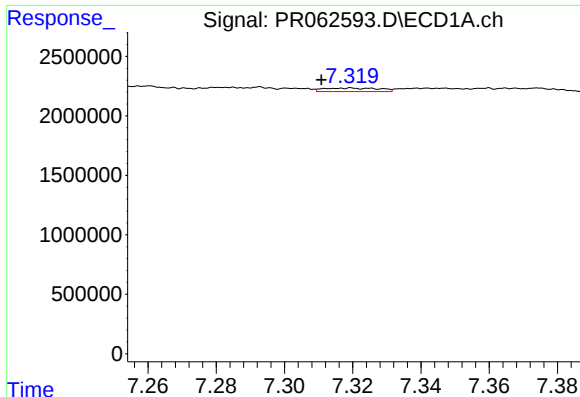
#32 AR-1260-2

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 1611778
Conc: 14.69 ng/ml



#32 AR-1260-2

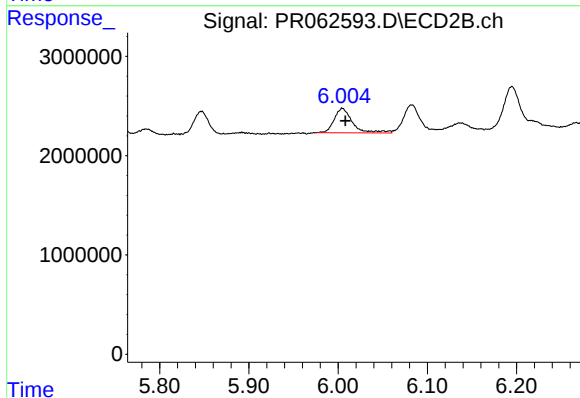
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 2975609
Conc: 12.52 ng/ml



#33 AR-1260-3

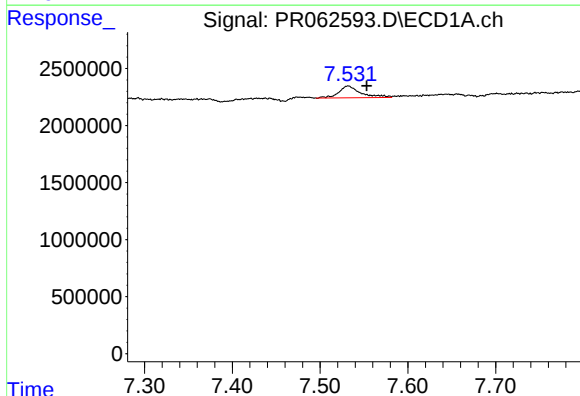
R.T.: 7.320 min
Delta R.T.: 0.009 min
Response: 333299
Conc: 4.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



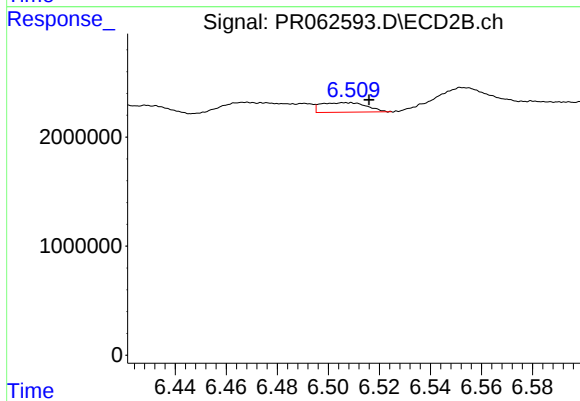
#33 AR-1260-3

R.T.: 6.005 min
Delta R.T.: -0.003 min
Response: 3528492
Conc: 15.65 ng/ml



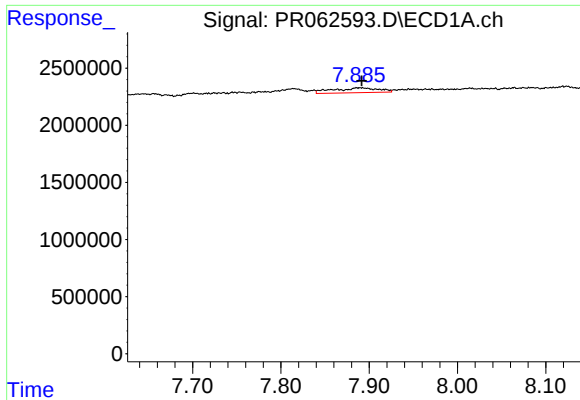
#34 AR-1260-4

R.T.: 7.532 min
Delta R.T.: -0.021 min
Response: 1776018
Conc: 19.75 ng/ml



#34 AR-1260-4

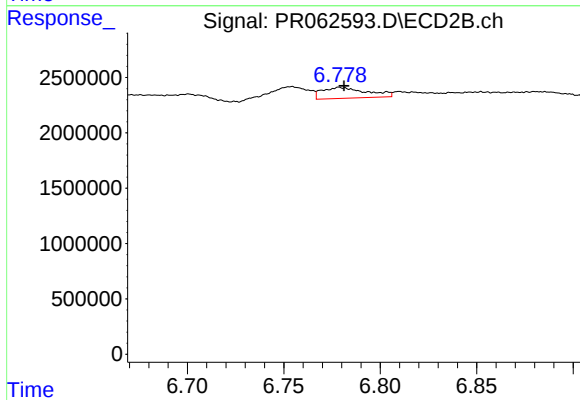
R.T.: 6.507 min
Delta R.T.: -0.009 min
Response: 1085187
Conc: 5.48 ng/ml



#35 AR-1260-5

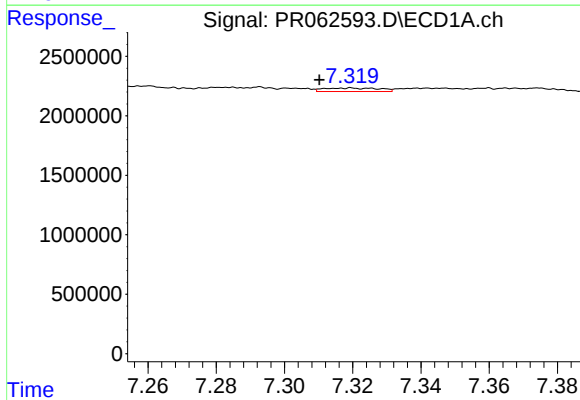
R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 1524803
Conc: 9.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



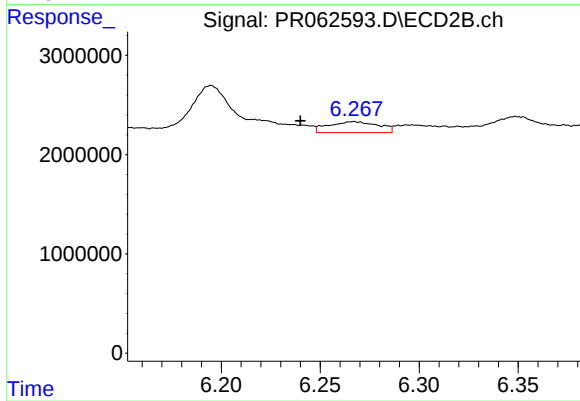
#35 AR-1260-5

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 1585422
Conc: 3.42 ng/ml



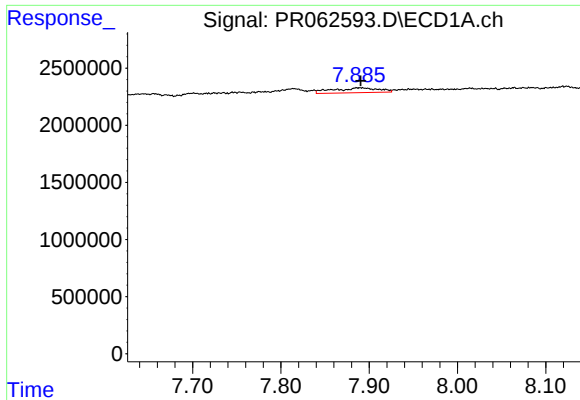
#36 AR-1262-1

R.T.: 7.320 min
Delta R.T.: 0.010 min
Response: 333299
Conc: 2.90 ng/ml



#36 AR-1262-1

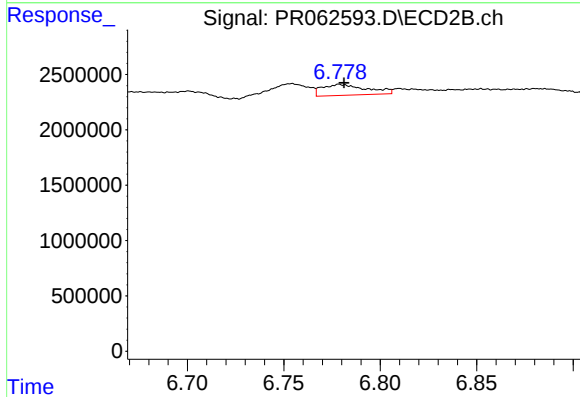
R.T.: 6.267 min
Delta R.T.: 0.027 min
Response: 1935994
Conc: 7.44 ng/ml



#37 AR-1262-2

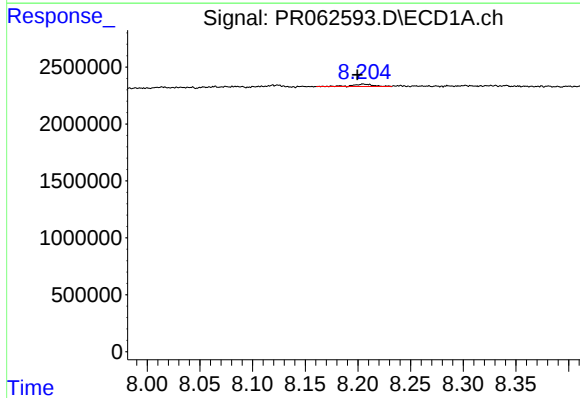
R.T.: 7.889 min
Delta R.T.: -0.001 min
Response: 1524803
Conc: 8.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



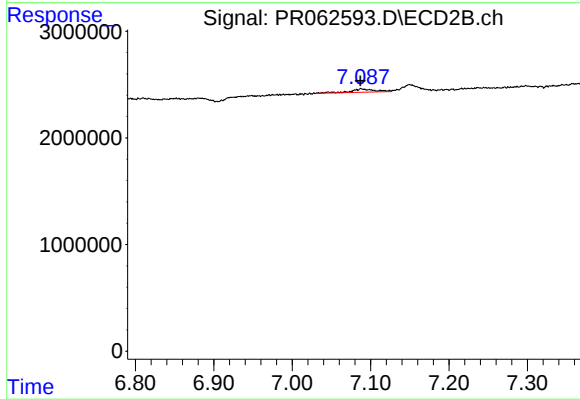
#37 AR-1262-2

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 1585422
Conc: 3.26 ng/ml



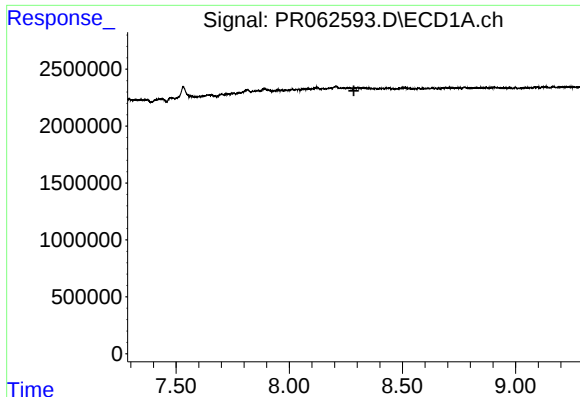
#38 AR-1262-3

R.T.: 8.206 min
Delta R.T.: 0.007 min
Response: 276271
Conc: 2.18 ng/ml



#38 AR-1262-3

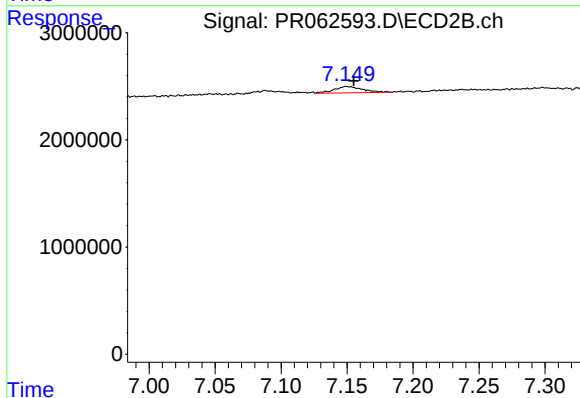
R.T.: 7.088 min
Delta R.T.: 0.001 min
Response: 636313
Conc: 3.20 ng/ml



#39 AR-1262-4

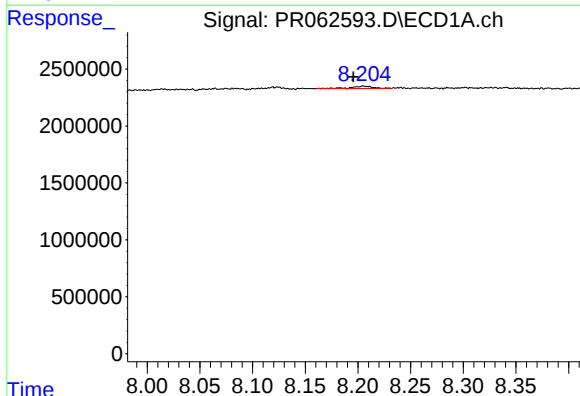
R.T.: 0.000 min
Exp R.T.: 8.285 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



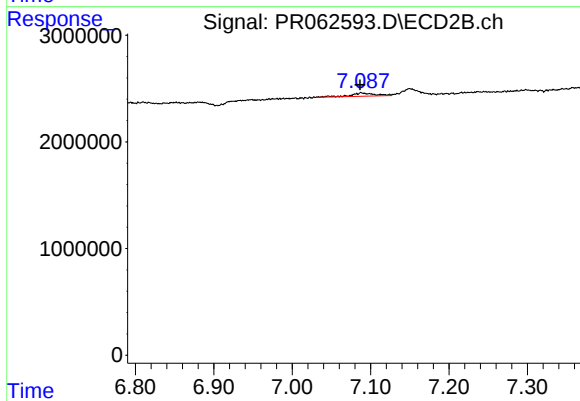
#39 AR-1262-4

R.T.: 7.150 min
Delta R.T.: -0.005 min
Response: 900587
Conc: 2.42 ng/ml



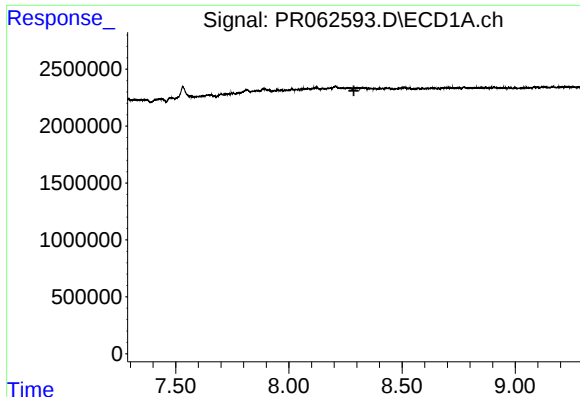
#41 AR-1268-1

R.T.: 8.206 min
Delta R.T.: 0.010 min
Response: 276271
Conc: 1.27 ng/ml



#41 AR-1268-1

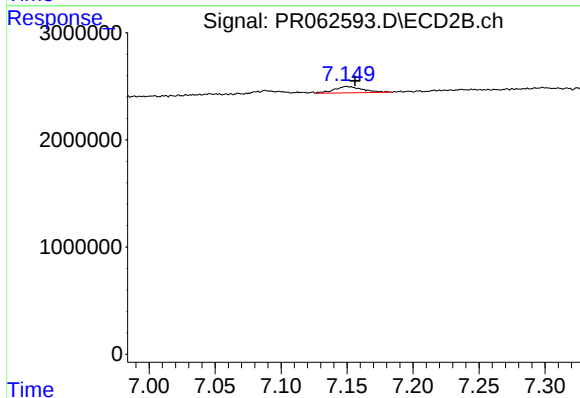
R.T.: 7.088 min
Delta R.T.: 0.002 min
Response: 636313
Conc: 1.09 ng/ml



#42 AR-1268-2

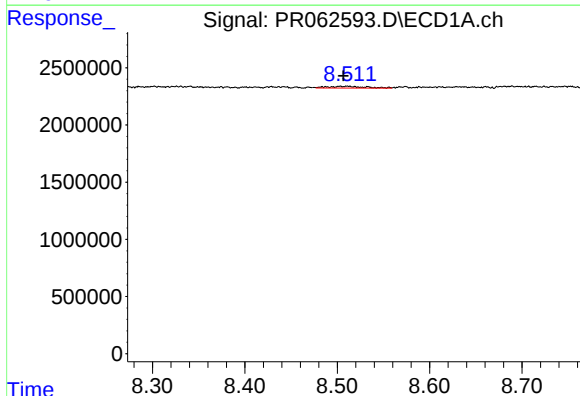
R.T.: 0.000 min
Exp R.T.: 8.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



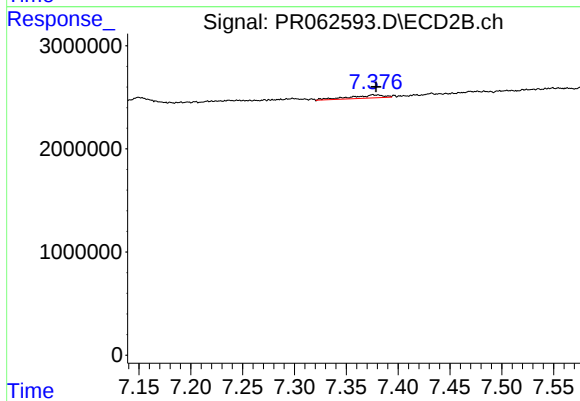
#42 AR-1268-2

R.T.: 7.150 min
Delta R.T.: -0.006 min
Response: 900587
Conc: 1.67 ng/ml



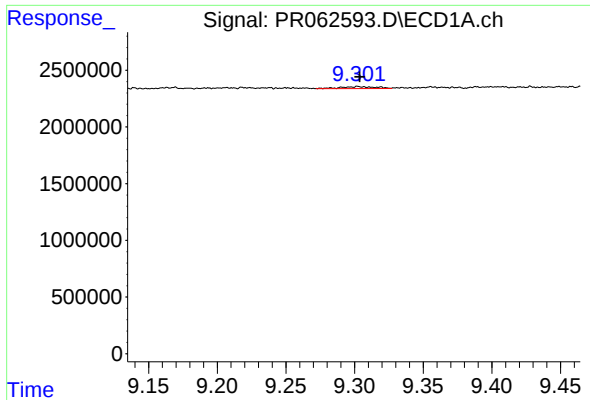
#43 AR-1268-3

R.T.: 8.511 min
Delta R.T.: 0.004 min
Response: 423435
Conc: 2.39 ng/ml



#43 AR-1268-3

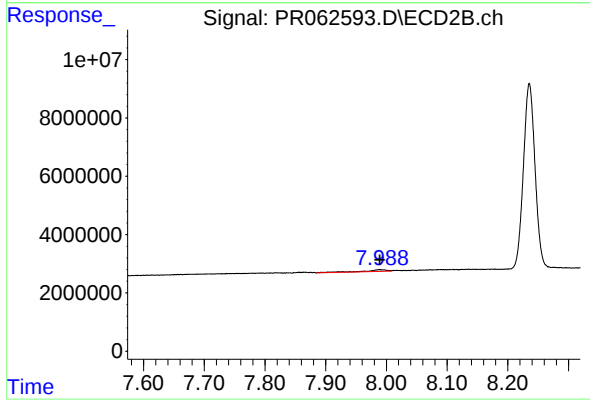
R.T.: 7.376 min
Delta R.T.: -0.003 min
Response: 665686
Conc: 1.41 ng/ml



#45 AR-1268-5

R.T.: 9.303 min
Delta R.T.: -0.001 min
Response: 319783
Conc: 0.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 1391429
Conc: 0.93 ng/ml