

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062023\
 Data File : PR061918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 16:02
 Operator : YP\AJ
 Sample : 03312-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:38:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 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...	3.691	2.961	55163477	66029579	25.087	24.037
2)	SA Decachlor...	9.623	8.246	31482775	71870967	21.758	20.266
Target Compounds							
3)	L1 AR-1016-1	4.945f	4.085	3566271	2096853	47.896	20.642 #
4)	L1 AR-1016-2	4.945	4.085f	3566271	2096853	33.730	14.903 #
5)	L1 AR-1016-3	5.012	4.295	1671748	410668	24.922	5.247 #
6)	L1 AR-1016-4	5.096	4.335	1265020	2382689	23.639	37.164 #
7)	L1 AR-1016-5	5.427	4.558	1514822	1453570	27.352	17.488 #
8)	L2 AR-1221-1	3.899f	3.180	31208007	1315978	1156.619	36.699 #
9)	L2 AR-1221-2	4.006	3.247f	898858	18422317	47.053	669.564 #
10)	L2 AR-1221-3	4.096f	3.352	1119112	742091	18.476	9.203 #
11)	L3 AR-1232-1	4.096	3.352	1119112	742091	24.474	12.293 #
12)	L3 AR-1232-2	4.617f	4.085f	12499800	2096853	470.358	33.782 #
13)	L3 AR-1232-3	4.945	4.295	3566271	410668	77.379	11.777 #
14)	L3 AR-1232-4	5.096	4.377	1265020	1506428	55.343	47.976
15)	L3 AR-1232-5	5.212	4.558	1783362	1453570	96.915	40.352 #
16)	L4 AR-1242-1	4.945f	4.085	3566271	2096853	64.271	27.542 #
17)	L4 AR-1242-2	4.945	4.085f	3566271	2096853	45.364	20.138 #
18)	L4 AR-1242-3	5.012	4.295	1671748	410668	33.379	6.967 #
19)	L4 AR-1242-4	5.096	4.377	1265020	1506428	31.400	25.376
20)	L4 AR-1242-5	5.903	4.927	5209805	13839286	132.183	176.023 #
21)	L5 AR-1248-1	4.945f	4.085	3566271	2096853	83.448	34.262 #
22)	L5 AR-1248-2	5.212	4.335	1783362	2382689	28.757	27.648
23)	L5 AR-1248-3	5.427	4.377	1514822	1506428	21.057	16.930
24)	L5 AR-1248-4	5.858	4.558	10632337	1453570	145.492	13.474 #
25)	L5 AR-1248-5	5.903	4.969	5209805	4960952	73.168	46.376 #
26)	L6 AR-1254-1	5.832	4.927	5028591	13839286	63.034	86.743 #
27)	L6 AR-1254-2	6.068	5.087	16444235	15729032	139.811	108.306
28)	L6 AR-1254-3	6.461	5.510	16896492	20319282	147.387	85.892 #
29)	L6 AR-1254-4	6.772	5.758	9952389	15771587	124.476	103.563
30)	L6 AR-1254-5	7.230	6.207	8483312	68935782	94.575	281.169 #
31)	L7 AR-1260-1	6.641	5.653	10122893	22569858	101.799	130.010 #
32)	L7 AR-1260-2	6.919	5.857	13742089	14491647	124.689	65.873 #
33)	L7 AR-1260-3	7.315	6.015	1335459	14535343	19.292	69.477 #
34)	L7 AR-1260-4	7.539f	6.525	4261891	5114543	52.039	32.375 #
35)	L7 AR-1260-5	7.893	6.790	4161992	6553719	29.562	17.646 #
36)	L8 AR-1262-1	7.315	6.248	1335459	3624052	12.442	15.282
37)	L8 AR-1262-2	7.893	6.790	4161992	6553719	25.068	14.950 #
38)	L8 AR-1262-3	8.210	7.100	1631415	3230025	14.278	17.137
39)	L8 AR-1262-4	8.297	7.162	1839665	12168348	20.605	36.176 #
40)	L8 AR-1262-5	0.000	7.701	0	170708	N.D.	1.065 #
41)	L9 AR-1268-1	8.210	7.100	1631415	3230025	8.250	6.278

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 Operator : YP\AJ
 Sample : 03312-01
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 ALS Vial : 9 Sample Multiplier: 1

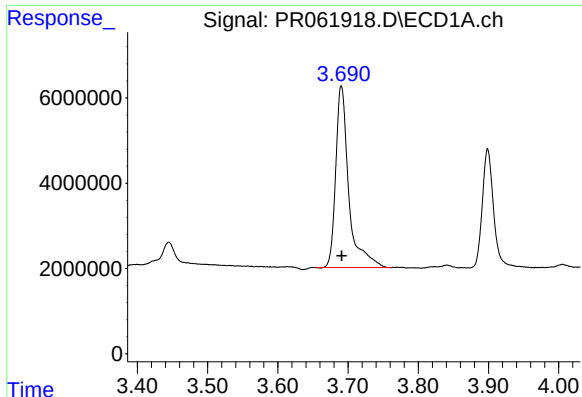
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:38:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.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
42) L9	AR-1268-2	8.297	7.162	1839665	12168348	10.097	25.569 #
43) L9	AR-1268-3	8.513	7.396	660508	2110942	4.222	5.155
44) L9	AR-1268-4	0.000	7.701	0	170708	N.D.	0.971 #
45) L9	AR-1268-5	9.308	7.994	973523	3960551	2.116	3.075 #

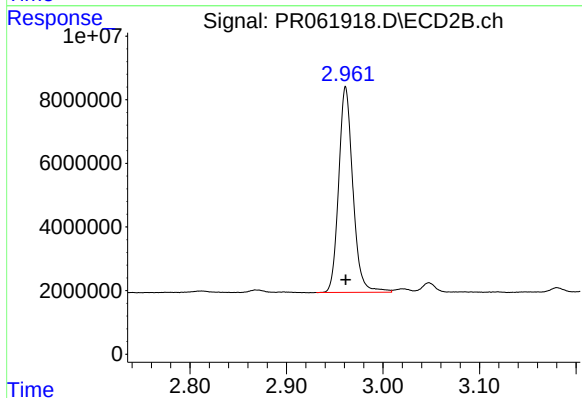
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

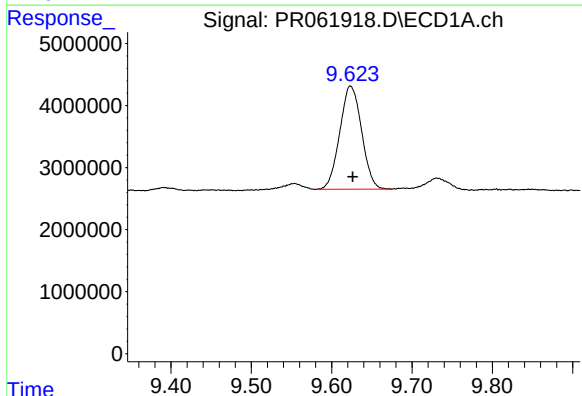
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 55163477
Conc: 25.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



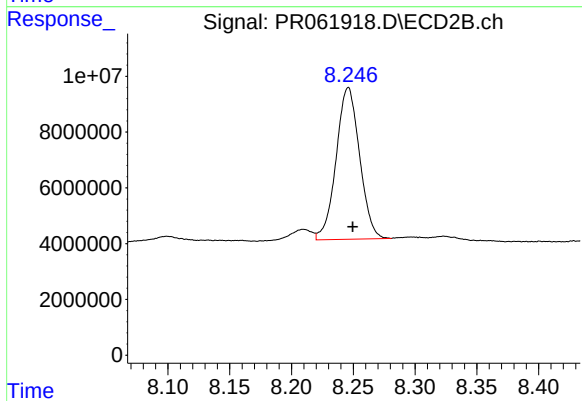
#1 Tetrachloro-m-xylene

R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 66029579
Conc: 24.04 ng/ml



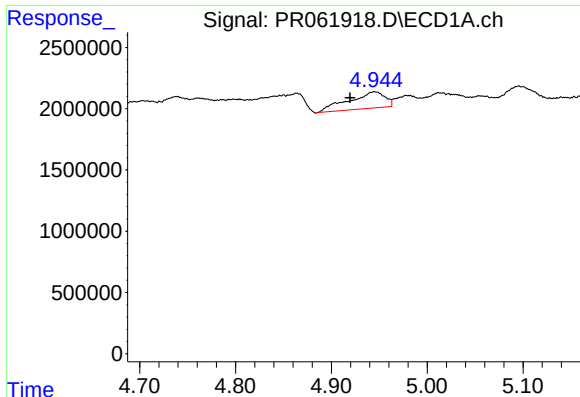
#2 Decachlorobiphenyl

R.T.: 9.623 min
Delta R.T.: -0.003 min
Response: 31482775
Conc: 21.76 ng/ml



#2 Decachlorobiphenyl

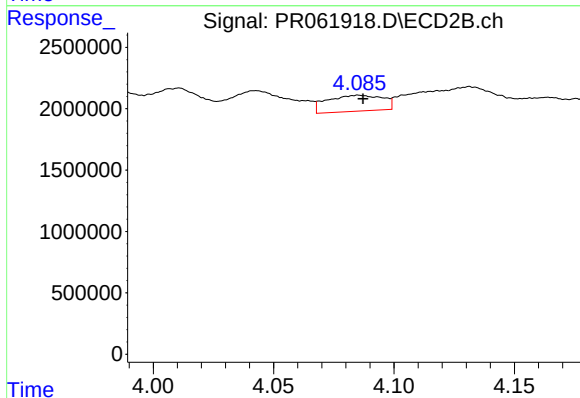
R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 71870967
Conc: 20.27 ng/ml



#3 AR-1016-1

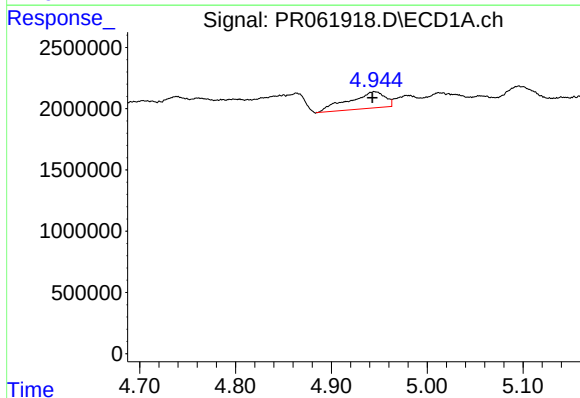
R.T.: 4.945 min
Delta R.T.: 0.026 min
Response: 3566271
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



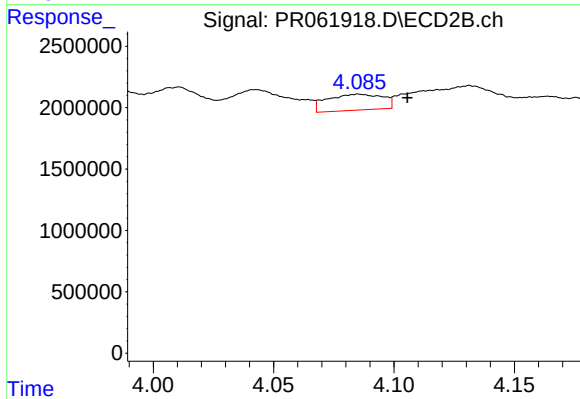
#3 AR-1016-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 2096853
Conc: 20.64 ng/ml



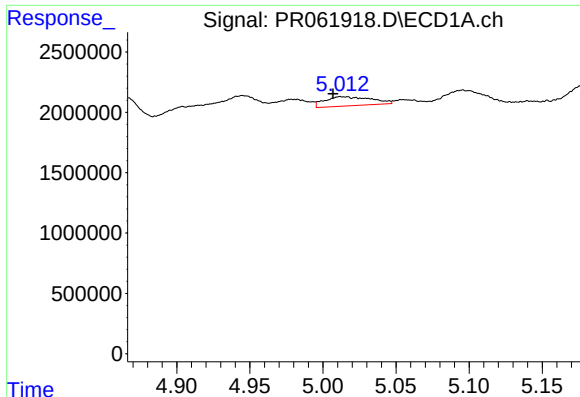
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: 0.003 min
Response: 3566271
Conc: 33.73 ng/ml



#4 AR-1016-2

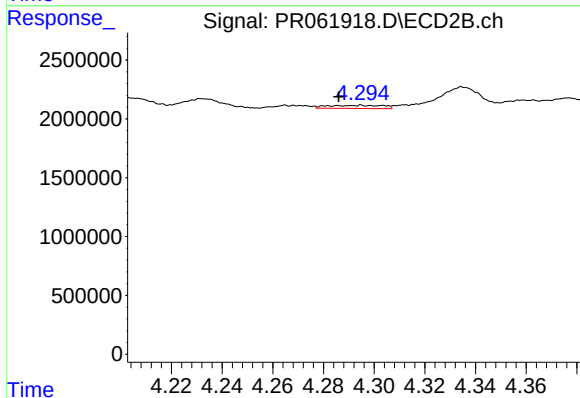
R.T.: 4.085 min
Delta R.T.: -0.020 min
Response: 2096853
Conc: 14.90 ng/ml



#5 AR-1016-3

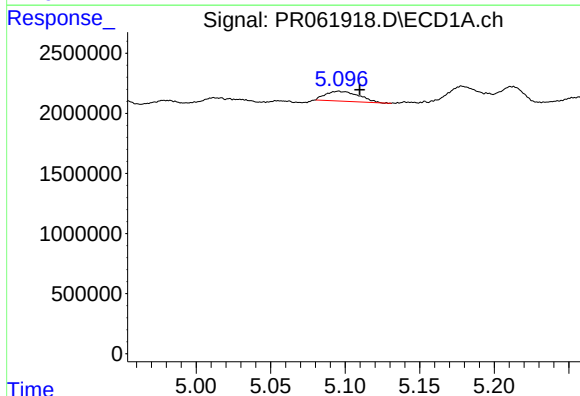
R.T.: 5.012 min
Delta R.T.: 0.005 min
Response: 1671748
Conc: 24.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



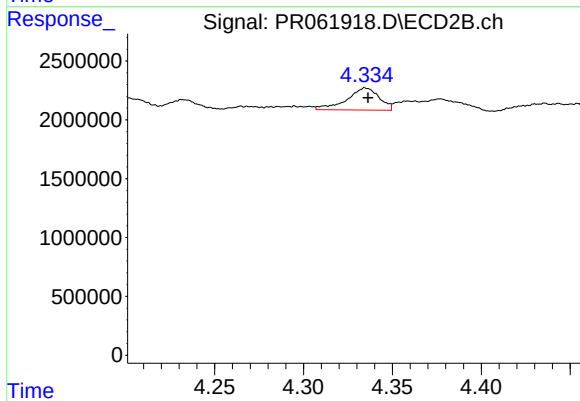
#5 AR-1016-3

R.T.: 4.295 min
Delta R.T.: 0.009 min
Response: 410668
Conc: 5.25 ng/ml



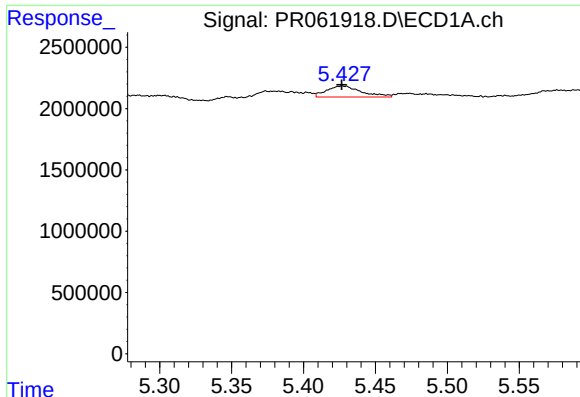
#6 AR-1016-4

R.T.: 5.096 min
Delta R.T.: -0.014 min
Response: 1265020
Conc: 23.64 ng/ml



#6 AR-1016-4

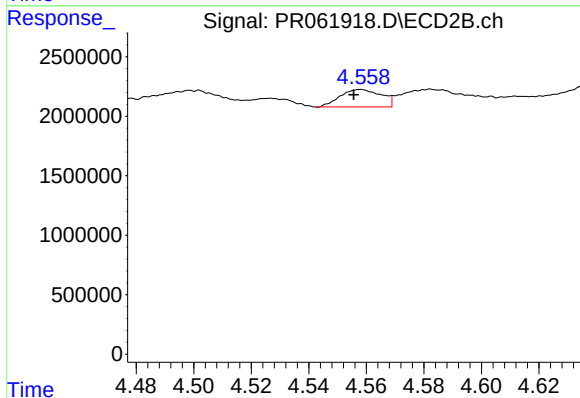
R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 2382689
Conc: 37.16 ng/ml



#7 AR-1016-5

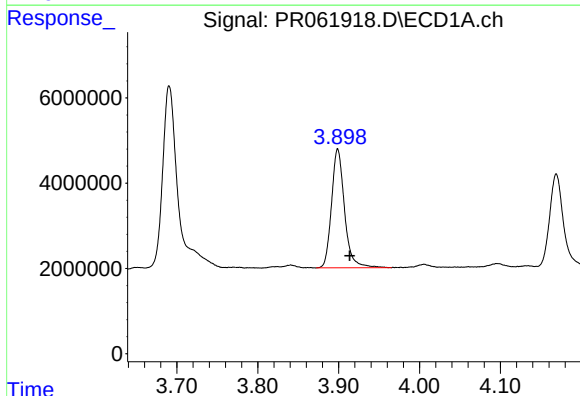
R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 1514822
Conc: 27.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



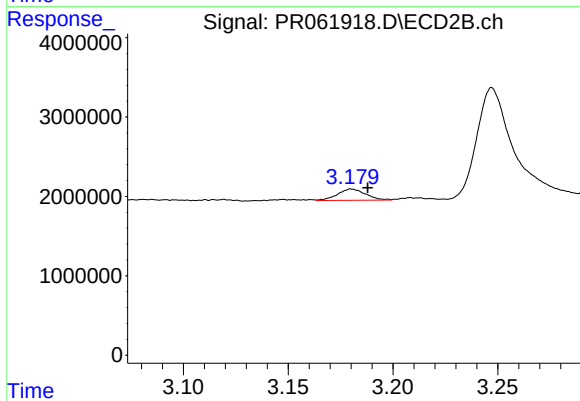
#7 AR-1016-5

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 1453570
Conc: 17.49 ng/ml



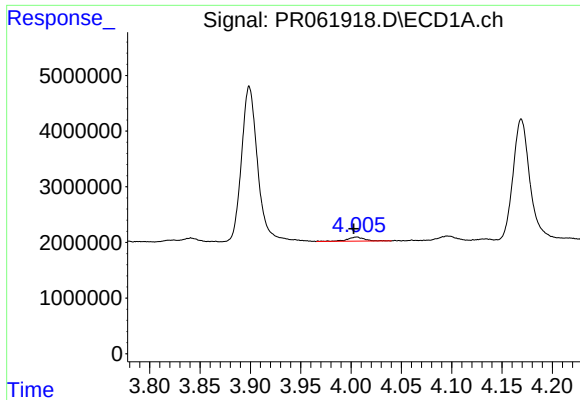
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.015 min
Response: 31208007
Conc: 1156.62 ng/ml



#8 AR-1221-1

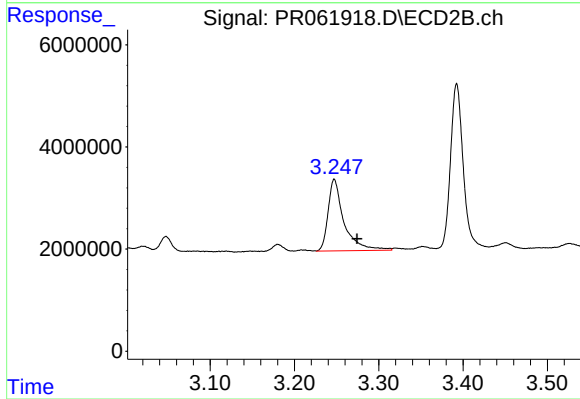
R.T.: 3.180 min
Delta R.T.: -0.007 min
Response: 1315978
Conc: 36.70 ng/ml



#9 AR-1221-2

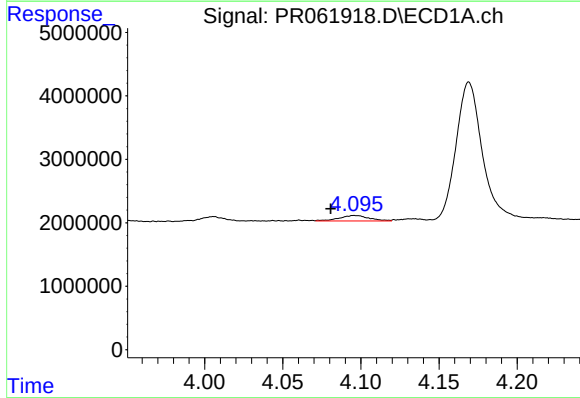
R.T.: 4.006 min
Delta R.T.: 0.003 min
Response: 898858
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



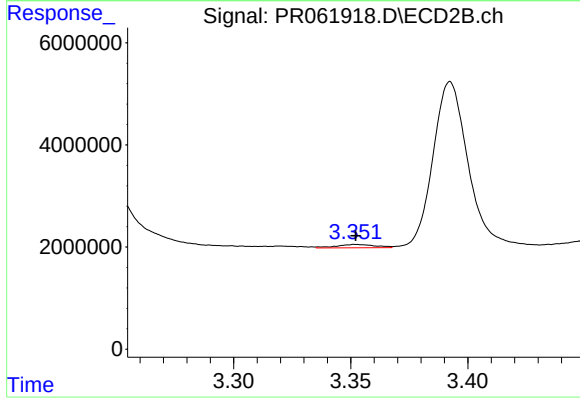
#9 AR-1221-2

R.T.: 3.247 min
Delta R.T.: -0.027 min
Response: 18422317
Conc: 669.56 ng/ml



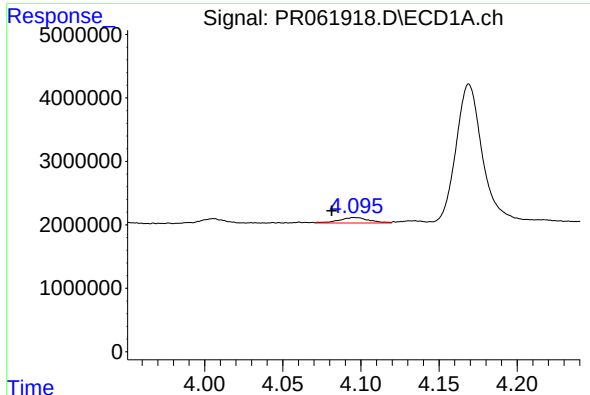
#10 AR-1221-3

R.T.: 4.096 min
Delta R.T.: 0.016 min
Response: 1119112
Conc: 18.48 ng/ml



#10 AR-1221-3

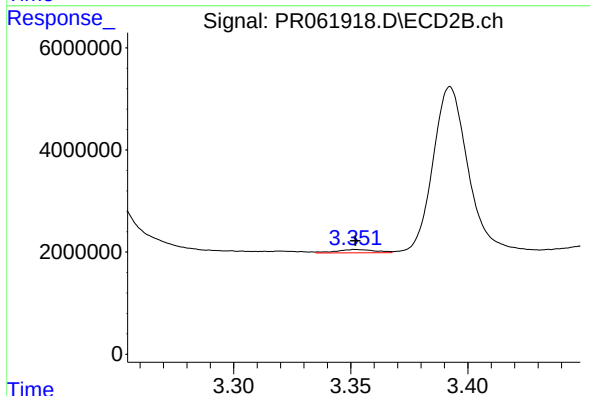
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 742091
Conc: 9.20 ng/ml



#11 AR-1232-1

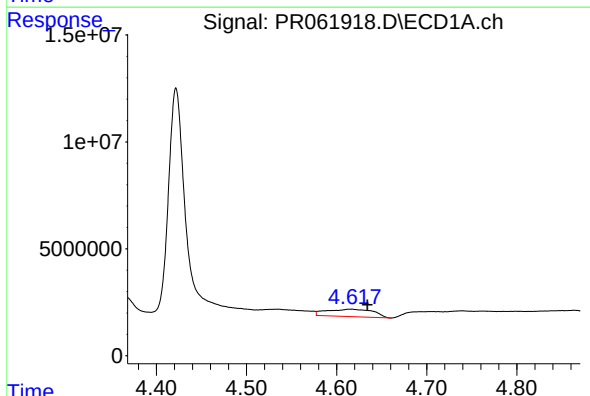
R.T.: 4.096 min
Delta R.T.: 0.015 min
Response: 1119112
Conc: 24.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



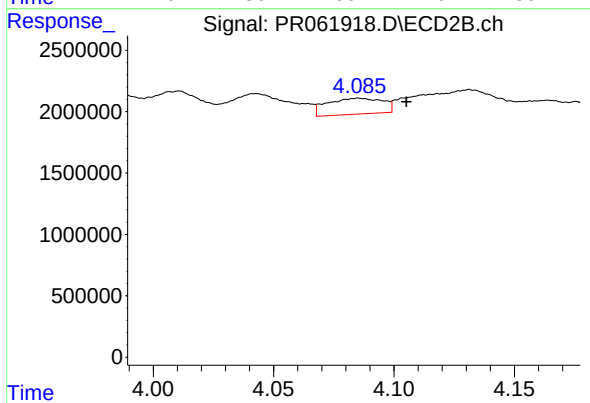
#11 AR-1232-1

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 742091
Conc: 12.29 ng/ml



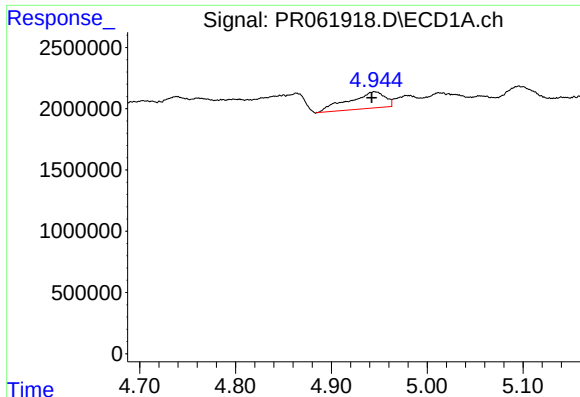
#12 AR-1232-2

R.T.: 4.617 min
Delta R.T.: -0.018 min
Response: 12499800
Conc: 470.36 ng/ml



#12 AR-1232-2

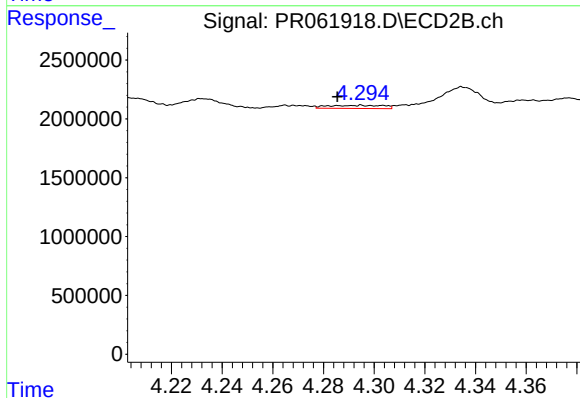
R.T.: 4.085 min
Delta R.T.: -0.020 min
Response: 2096853
Conc: 33.78 ng/ml



#13 AR-1232-3

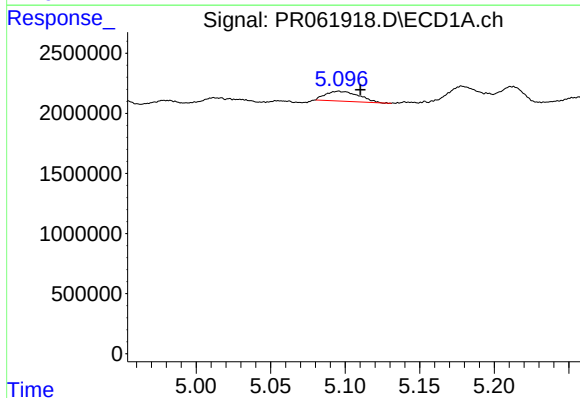
R.T.: 4.945 min
Delta R.T.: 0.003 min
Response: 3566271
Conc: 77.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



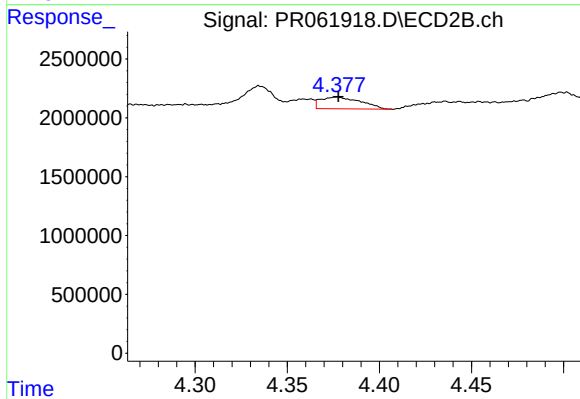
#13 AR-1232-3

R.T.: 4.295 min
Delta R.T.: 0.009 min
Response: 410668
Conc: 11.78 ng/ml



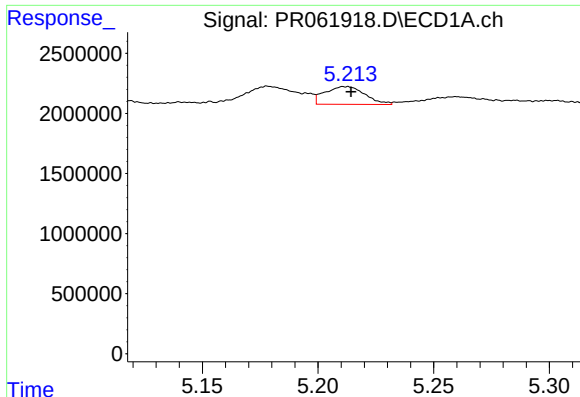
#14 AR-1232-4

R.T.: 5.096 min
Delta R.T.: -0.015 min
Response: 1265020
Conc: 55.34 ng/ml



#14 AR-1232-4

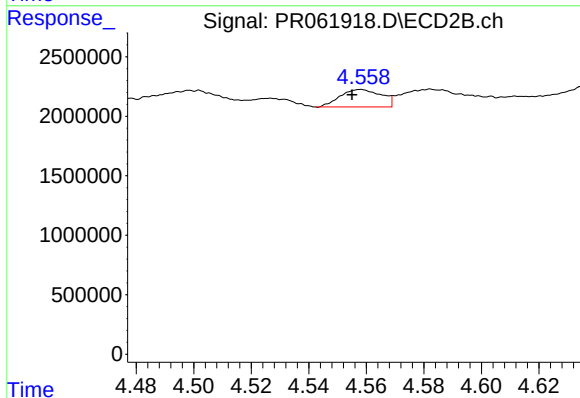
R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 1506428
Conc: 47.98 ng/ml



#15 AR-1232-5

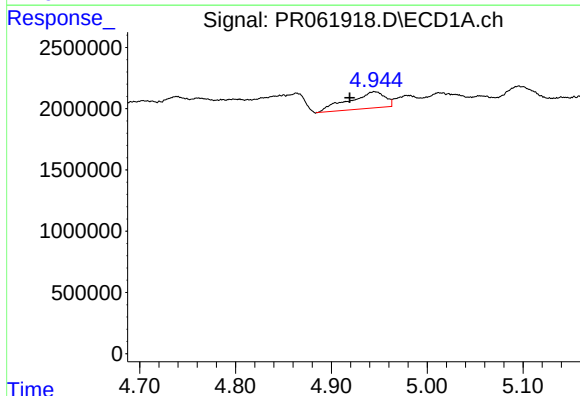
R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 1783362
Conc: 96.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



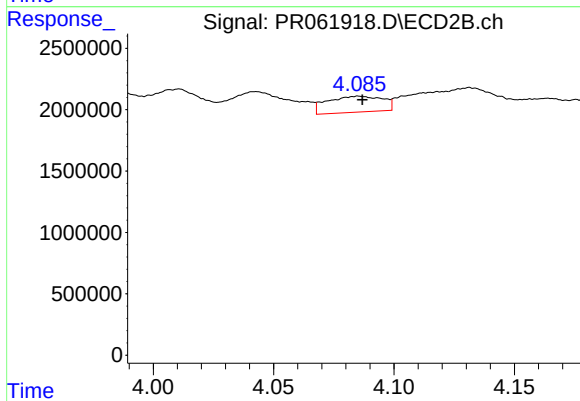
#15 AR-1232-5

R.T.: 4.558 min
Delta R.T.: 0.003 min
Response: 1453570
Conc: 40.35 ng/ml



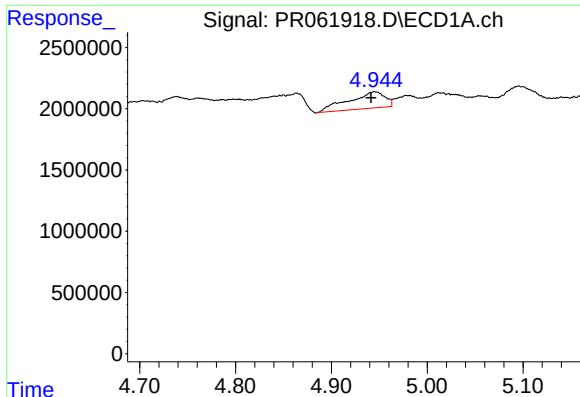
#16 AR-1242-1

R.T.: 4.945 min
Delta R.T.: 0.026 min
Response: 3566271
Conc: 64.27 ng/ml



#16 AR-1242-1

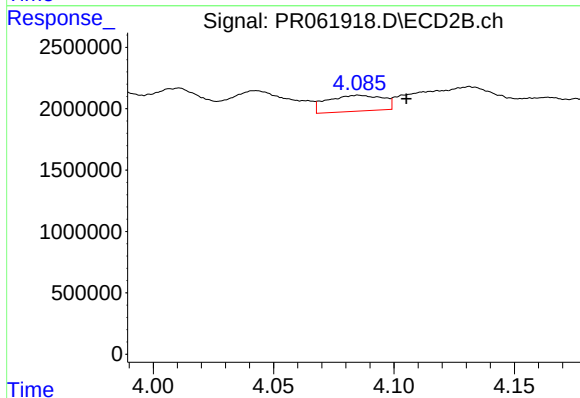
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 2096853
Conc: 27.54 ng/ml



#17 AR-1242-2

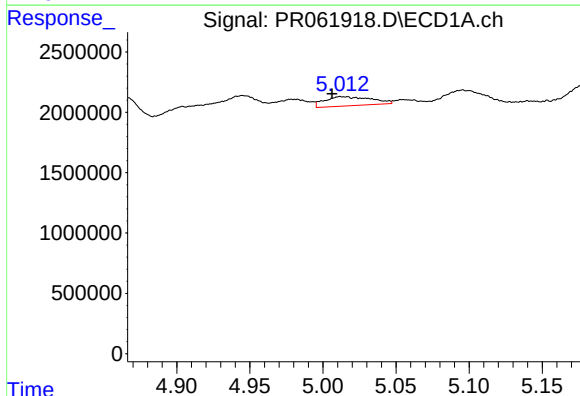
R.T.: 4.945 min
Delta R.T.: 0.004 min
Response: 3566271
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



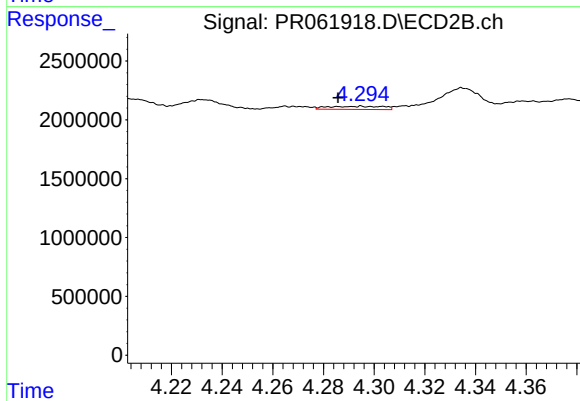
#17 AR-1242-2

R.T.: 4.085 min
Delta R.T.: -0.020 min
Response: 2096853
Conc: 20.14 ng/ml



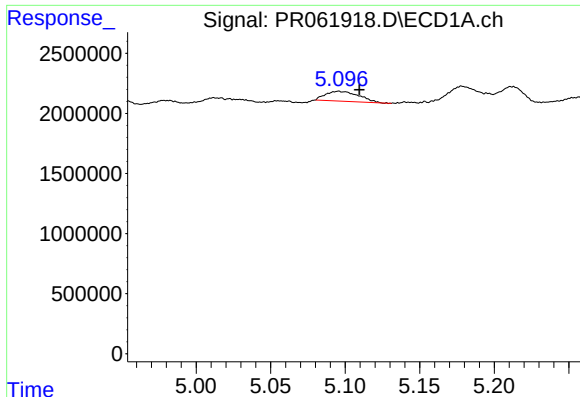
#18 AR-1242-3

R.T.: 5.012 min
Delta R.T.: 0.006 min
Response: 1671748
Conc: 33.38 ng/ml



#18 AR-1242-3

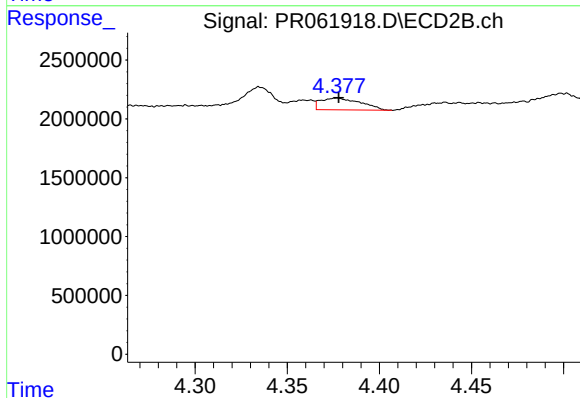
R.T.: 4.295 min
Delta R.T.: 0.009 min
Response: 410668
Conc: 6.97 ng/ml



#19 AR-1242-4

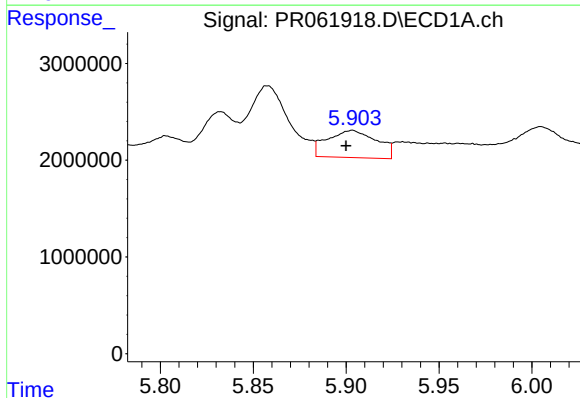
R.T.: 5.096 min
Delta R.T.: -0.014 min
Response: 1265020
Conc: 31.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



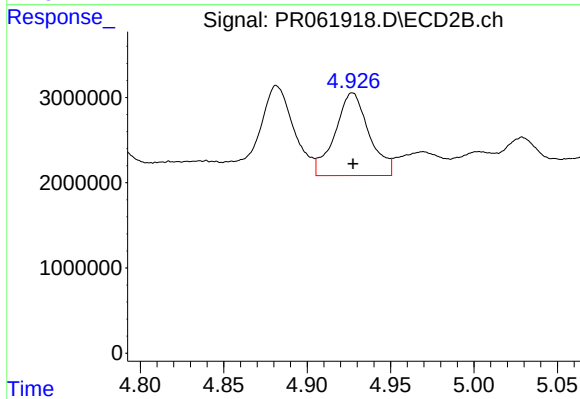
#19 AR-1242-4

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 1506428
Conc: 25.38 ng/ml



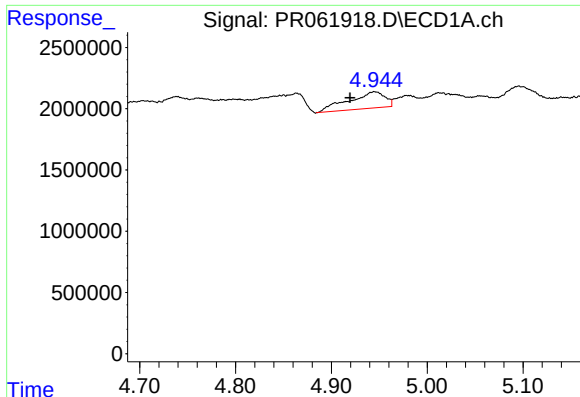
#20 AR-1242-5

R.T.: 5.903 min
Delta R.T.: 0.003 min
Response: 5209805
Conc: 132.18 ng/ml



#20 AR-1242-5

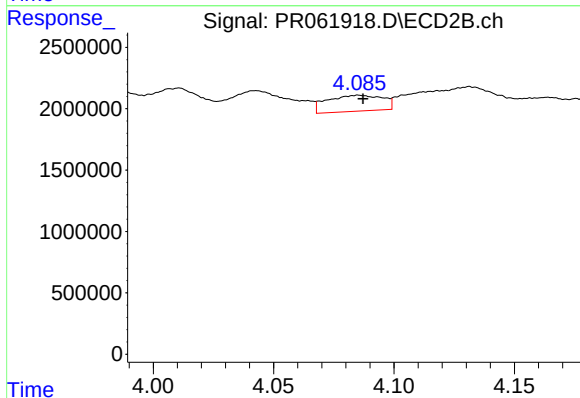
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 13839286
Conc: 176.02 ng/ml



#21 AR-1248-1

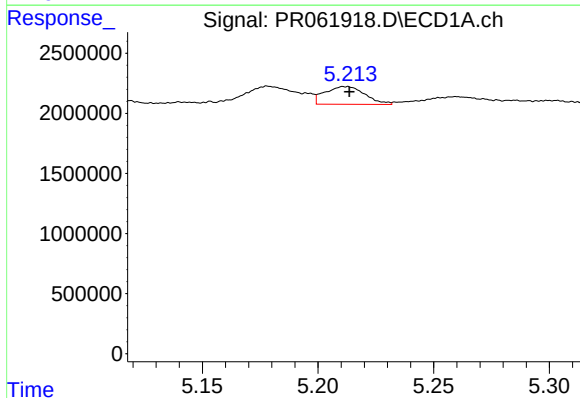
R.T.: 4.945 min
Delta R.T.: 0.026 min
Response: 3566271
Conc: 83.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



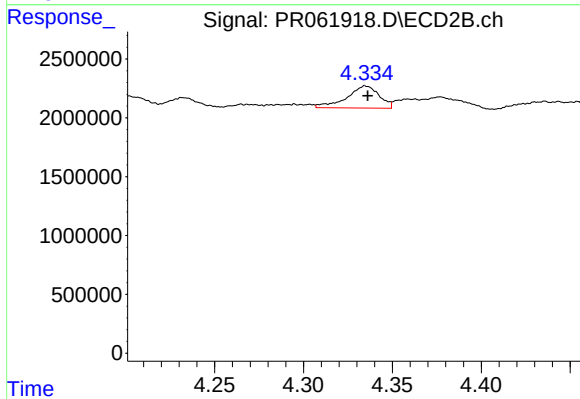
#21 AR-1248-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 2096853
Conc: 34.26 ng/ml



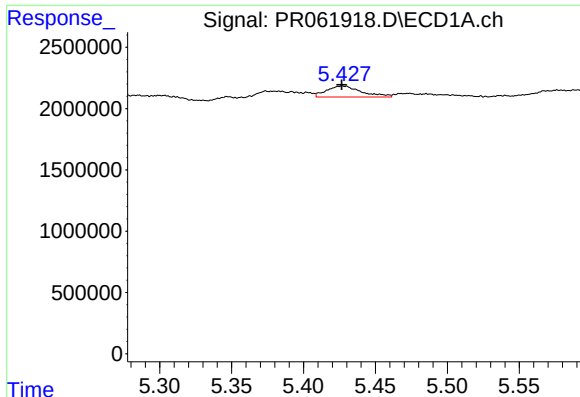
#22 AR-1248-2

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 1783362
Conc: 28.76 ng/ml



#22 AR-1248-2

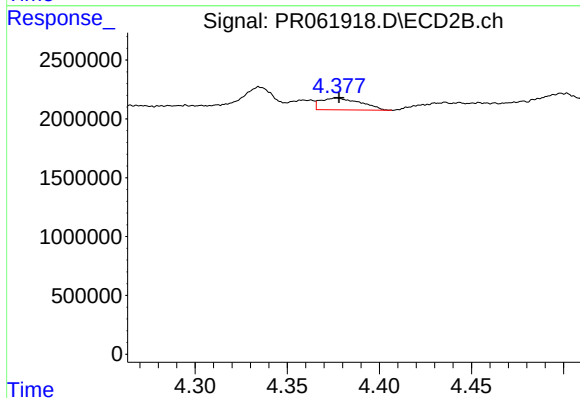
R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 2382689
Conc: 27.65 ng/ml



#23 AR-1248-3

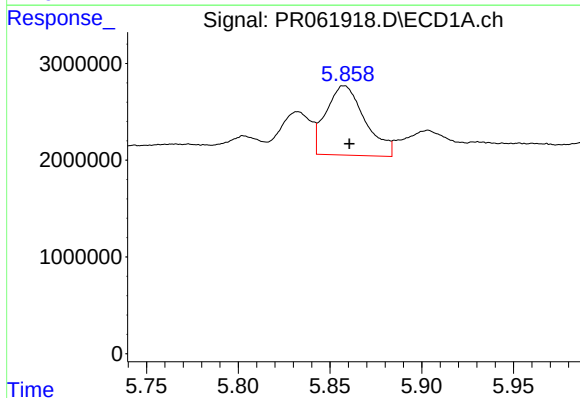
R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 1514822
Conc: 21.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



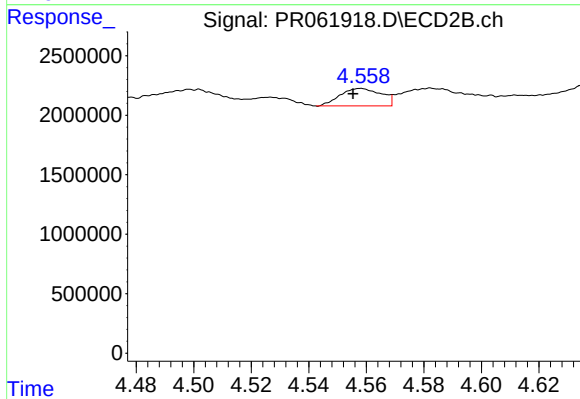
#23 AR-1248-3

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 1506428
Conc: 16.93 ng/ml



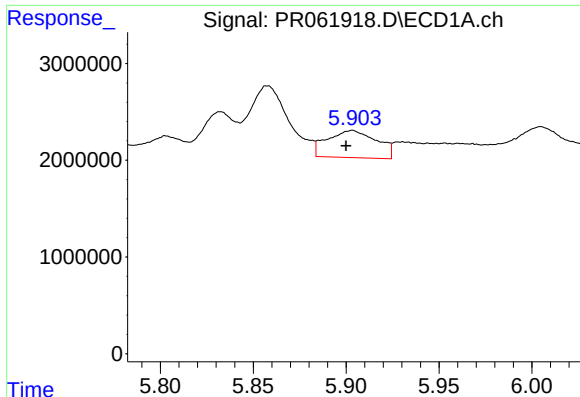
#24 AR-1248-4

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 10632337
Conc: 145.49 ng/ml



#24 AR-1248-4

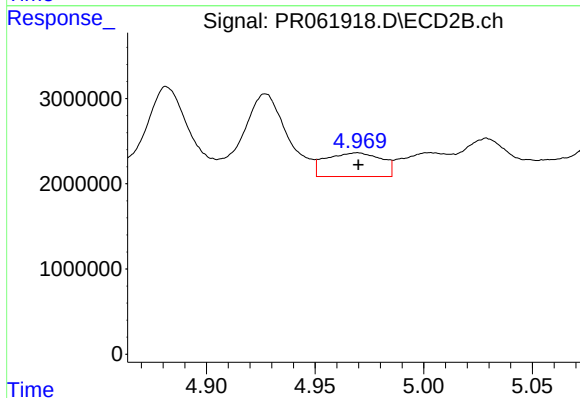
R.T.: 4.558 min
Delta R.T.: 0.003 min
Response: 1453570
Conc: 13.47 ng/ml



#25 AR-1248-5

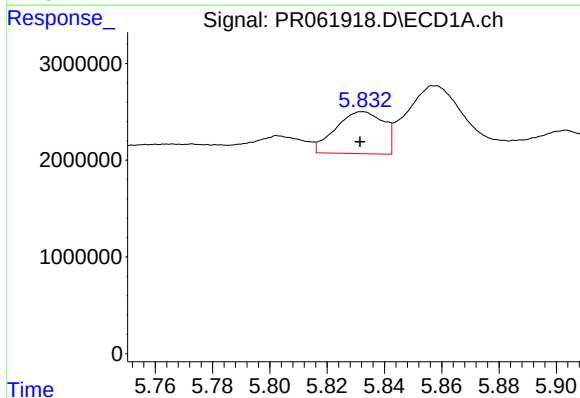
R.T.: 5.903 min
Delta R.T.: 0.003 min
Response: 5209805
Conc: 73.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



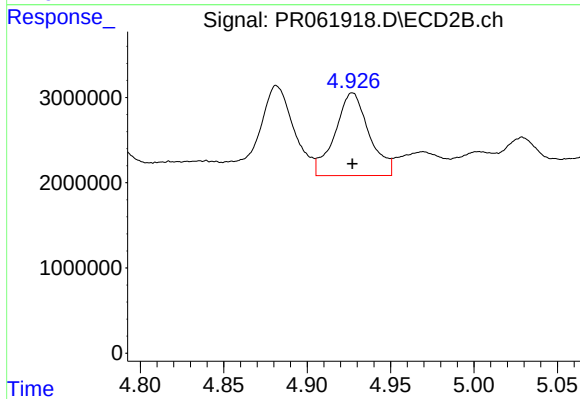
#25 AR-1248-5

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 4960952
Conc: 46.38 ng/ml



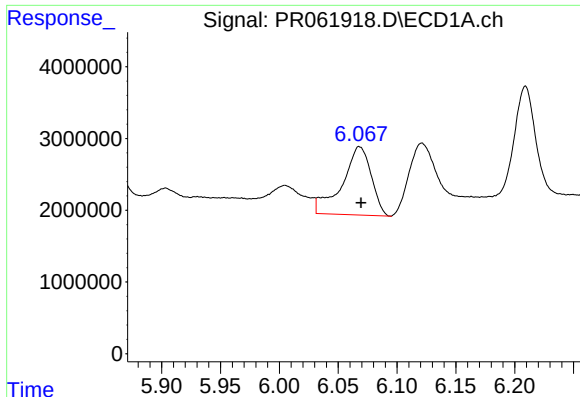
#26 AR-1254-1

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 5028591
Conc: 63.03 ng/ml



#26 AR-1254-1

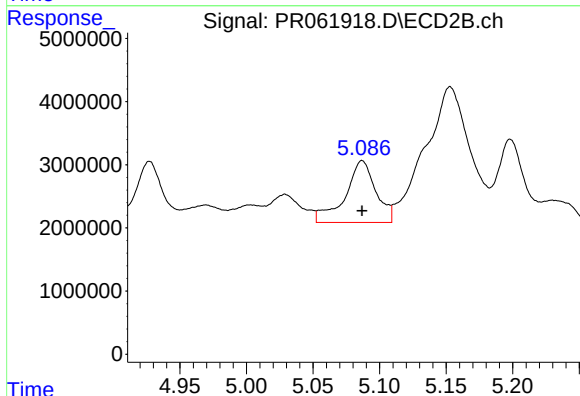
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 13839286
Conc: 86.74 ng/ml



#27 AR-1254-2

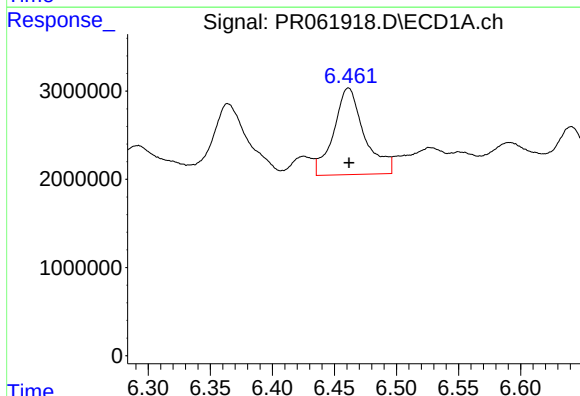
R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 16444235
Conc: 139.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



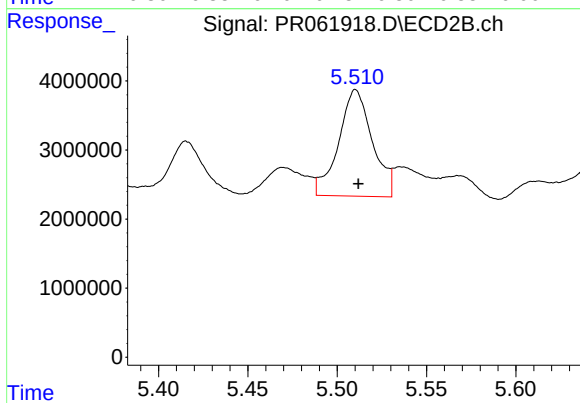
#27 AR-1254-2

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 15729032
Conc: 108.31 ng/ml



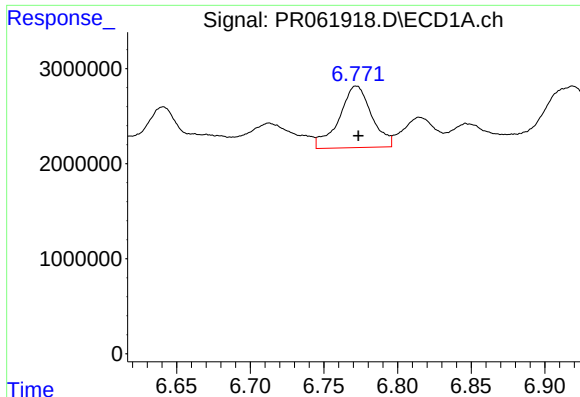
#28 AR-1254-3

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 16896492
Conc: 147.39 ng/ml



#28 AR-1254-3

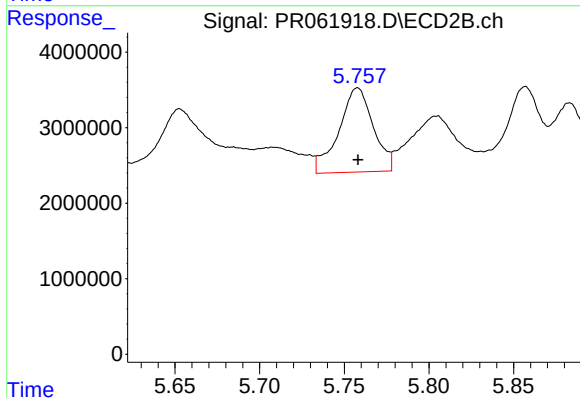
R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 20319282
Conc: 85.89 ng/ml



#29 AR-1254-4

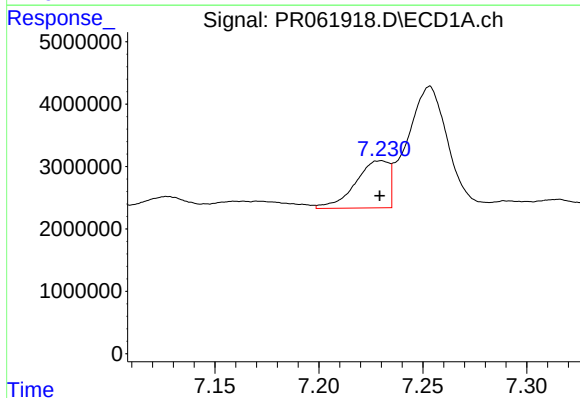
R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 9952389
Conc: 124.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



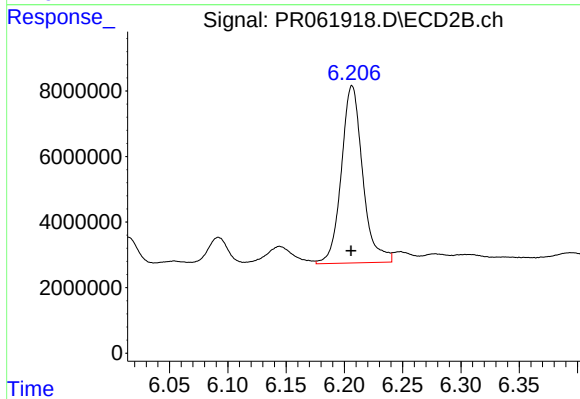
#29 AR-1254-4

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 15771587
Conc: 103.56 ng/ml



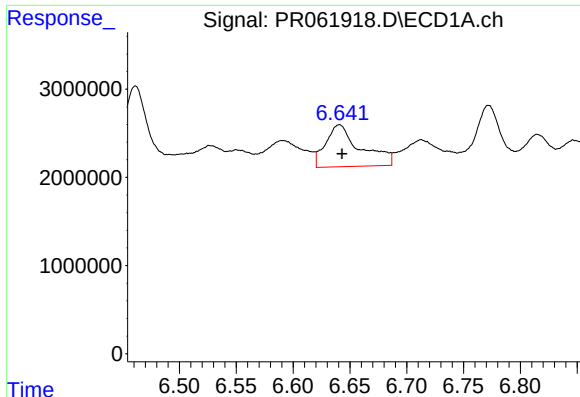
#30 AR-1254-5

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 8483312
Conc: 94.57 ng/ml



#30 AR-1254-5

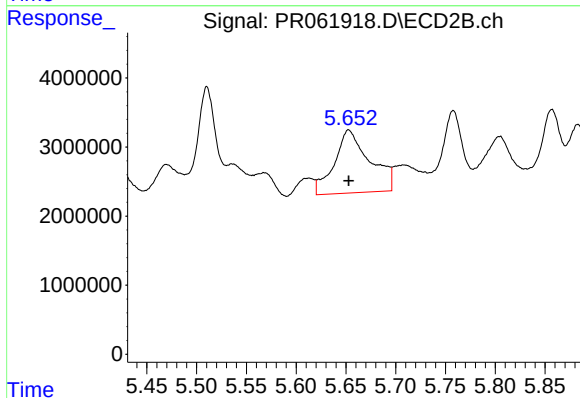
R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 68935782
Conc: 281.17 ng/ml



#31 AR-1260-1

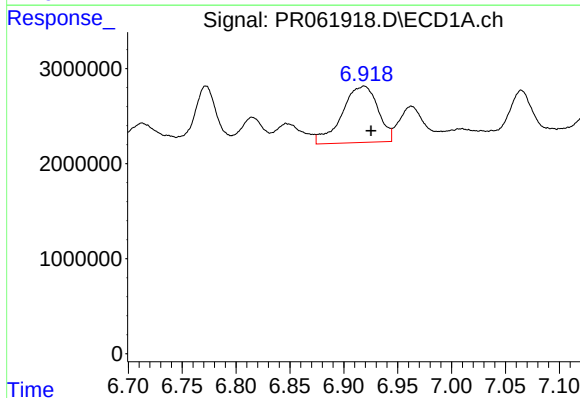
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 10122893
Conc: 101.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



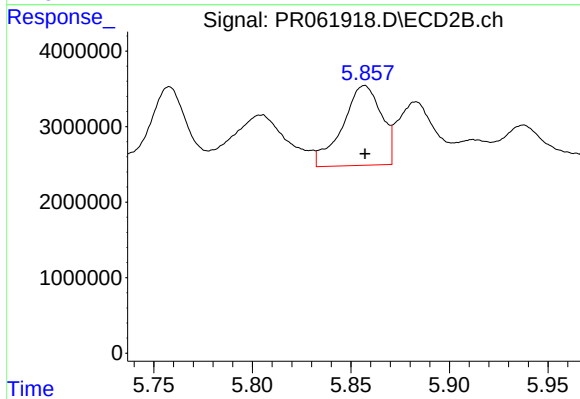
#31 AR-1260-1

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 22569858
Conc: 130.01 ng/ml



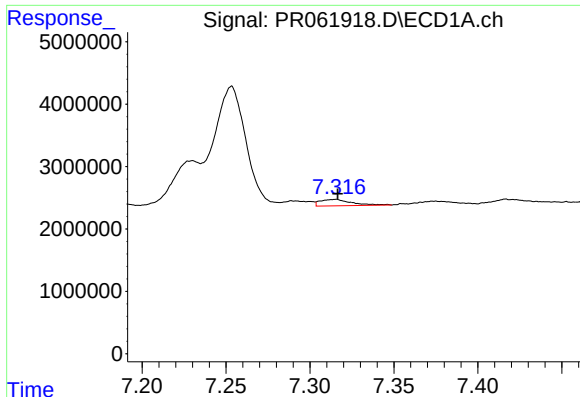
#32 AR-1260-2

R.T.: 6.919 min
Delta R.T.: -0.006 min
Response: 13742089
Conc: 124.69 ng/ml



#32 AR-1260-2

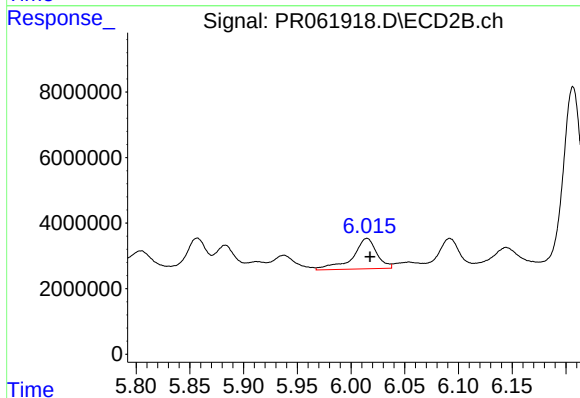
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 14491647
Conc: 65.87 ng/ml



#33 AR-1260-3

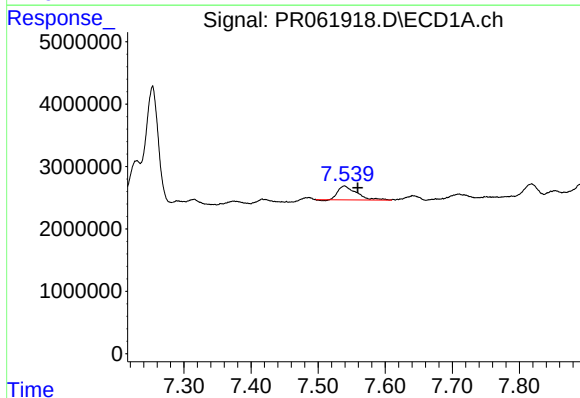
R.T.: 7.315 min
Delta R.T.: -0.001 min
Response: 1335459
Conc: 19.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



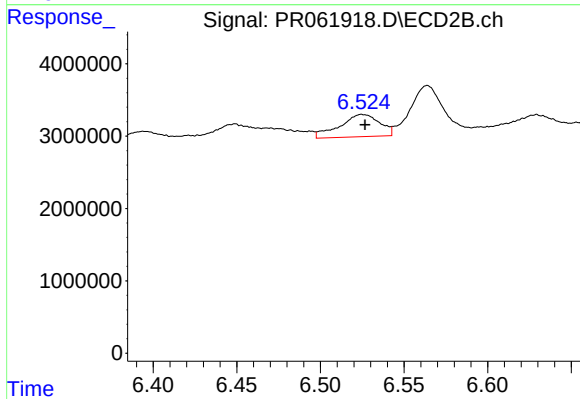
#33 AR-1260-3

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 14535343
Conc: 69.48 ng/ml



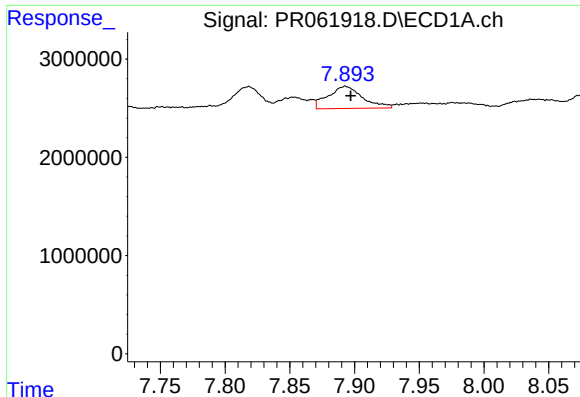
#34 AR-1260-4

R.T.: 7.539 min
Delta R.T.: -0.020 min
Response: 4261891
Conc: 52.04 ng/ml



#34 AR-1260-4

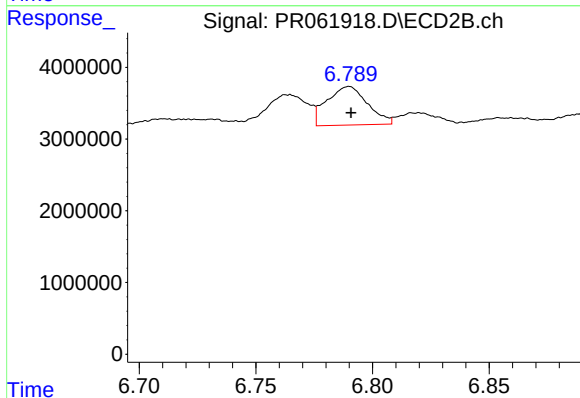
R.T.: 6.525 min
Delta R.T.: -0.002 min
Response: 5114543
Conc: 32.37 ng/ml



#35 AR-1260-5

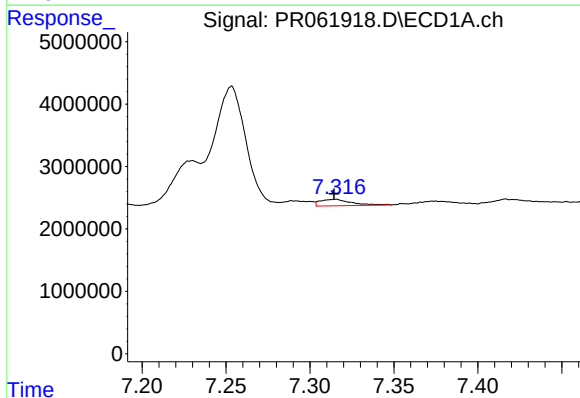
R.T.: 7.893 min
Delta R.T.: -0.004 min
Response: 4161992
Conc: 29.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



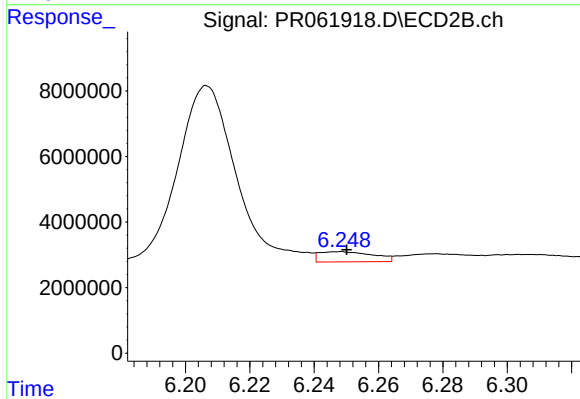
#35 AR-1260-5

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 6553719
Conc: 17.65 ng/ml



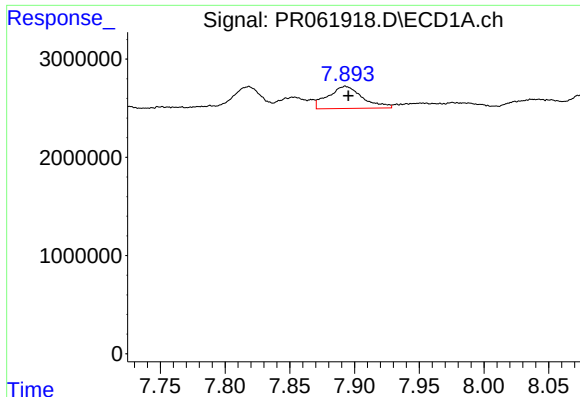
#36 AR-1262-1

R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 1335459
Conc: 12.44 ng/ml



#36 AR-1262-1

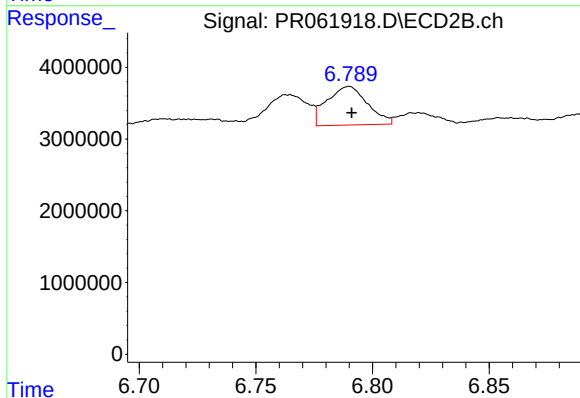
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 3624052
Conc: 15.28 ng/ml



#37 AR-1262-2

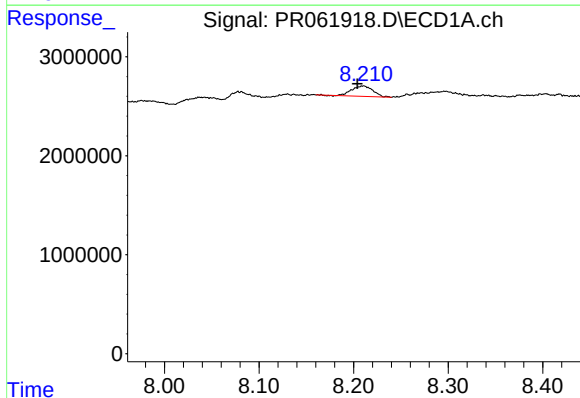
R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 4161992
Conc: 25.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



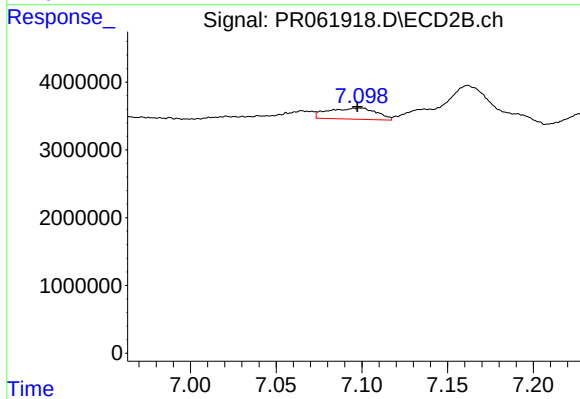
#37 AR-1262-2

R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 6553719
Conc: 14.95 ng/ml



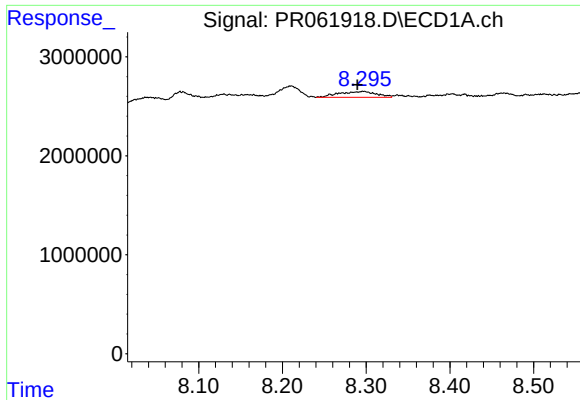
#38 AR-1262-3

R.T.: 8.210 min
Delta R.T.: 0.006 min
Response: 1631415
Conc: 14.28 ng/ml



#38 AR-1262-3

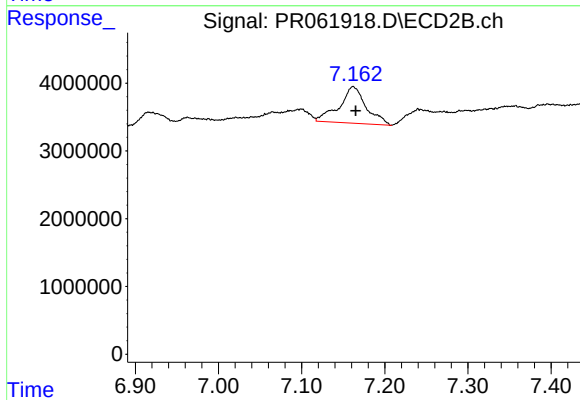
R.T.: 7.100 min
Delta R.T.: 0.003 min
Response: 3230025
Conc: 17.14 ng/ml



#39 AR-1262-4

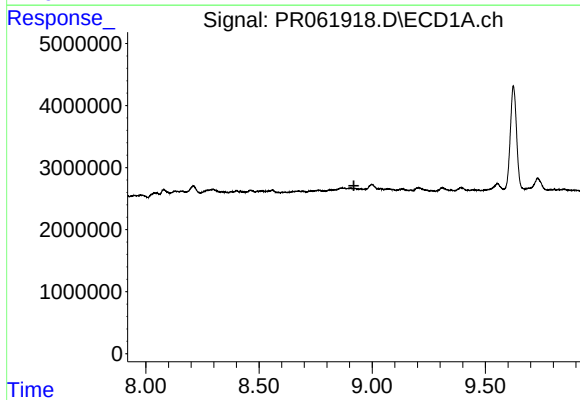
R.T.: 8.297 min
Delta R.T.: 0.007 min
Response: 1839665
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



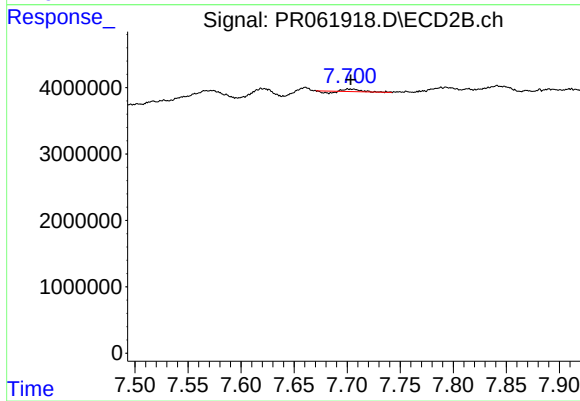
#39 AR-1262-4

R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 12168348
Conc: 36.18 ng/ml



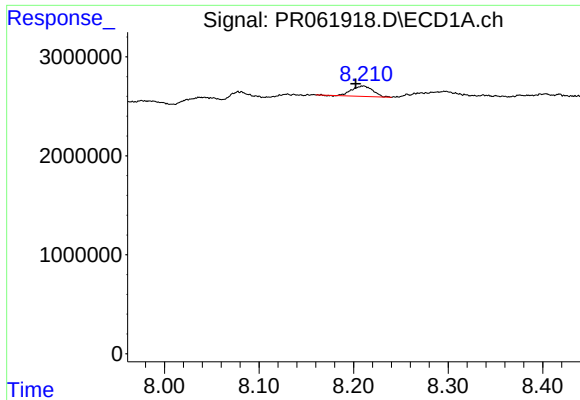
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.919 min
Response: 0
Conc: N.D.



#40 AR-1262-5

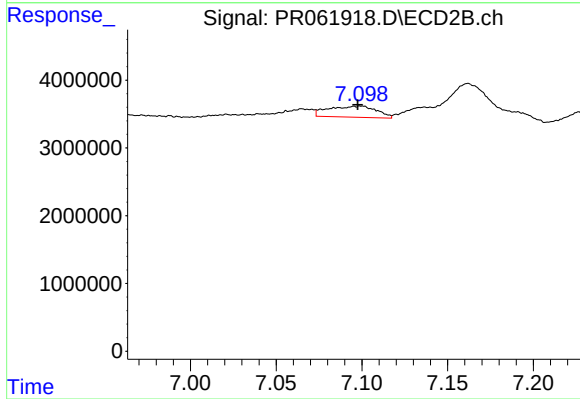
R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 170708
Conc: 1.07 ng/ml



#41 AR-1268-1

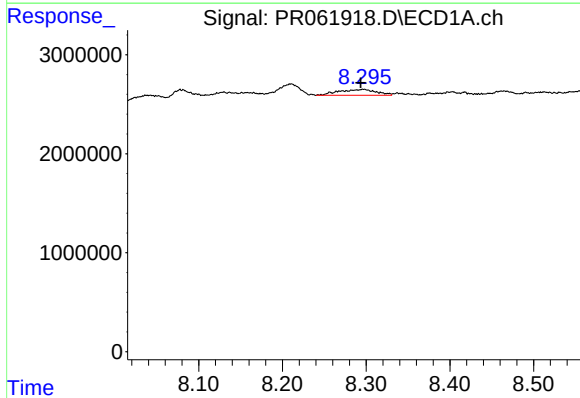
R.T.: 8.210 min
Delta R.T.: 0.008 min
Response: 1631415
Conc: 8.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



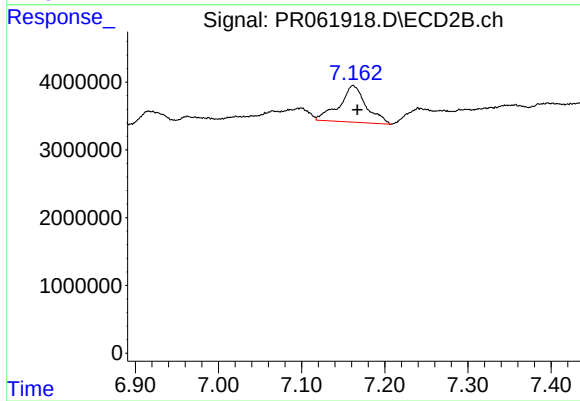
#41 AR-1268-1

R.T.: 7.100 min
Delta R.T.: 0.002 min
Response: 3230025
Conc: 6.28 ng/ml



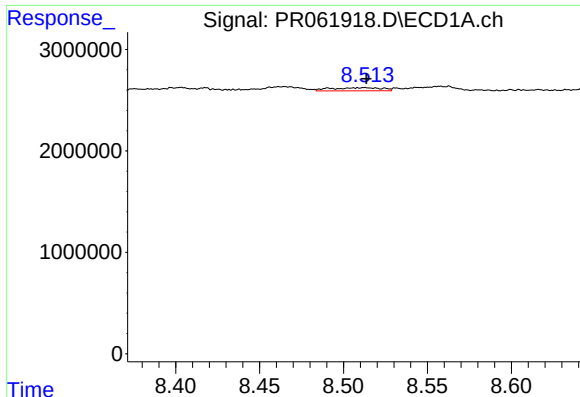
#42 AR-1268-2

R.T.: 8.297 min
Delta R.T.: 0.003 min
Response: 1839665
Conc: 10.10 ng/ml



#42 AR-1268-2

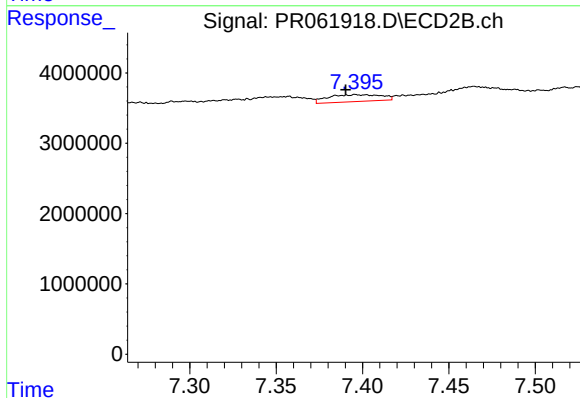
R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 12168348
Conc: 25.57 ng/ml



#43 AR-1268-3

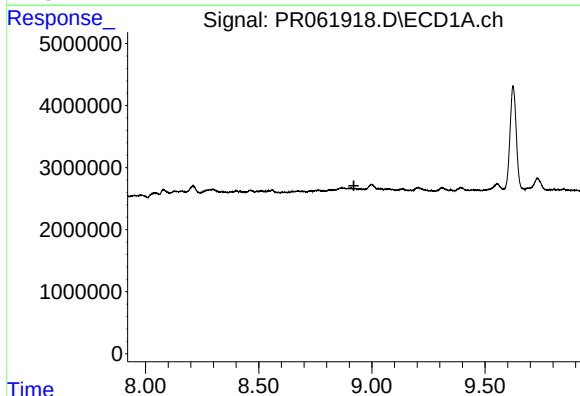
R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 660508
Conc: 4.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



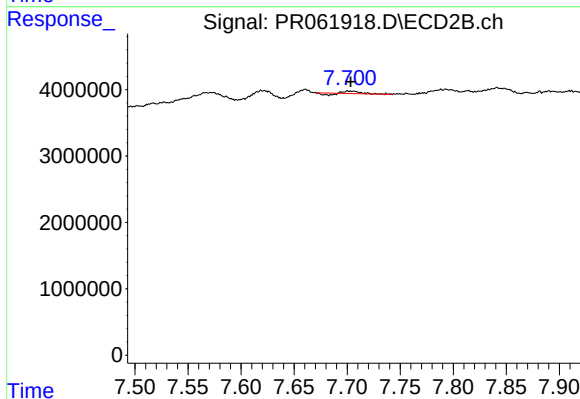
#43 AR-1268-3

R.T.: 7.396 min
Delta R.T.: 0.006 min
Response: 2110942
Conc: 5.15 ng/ml



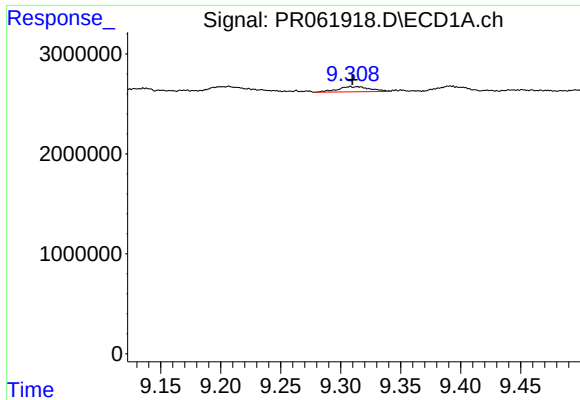
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.921 min
Response: 0
Conc: N.D.



#44 AR-1268-4

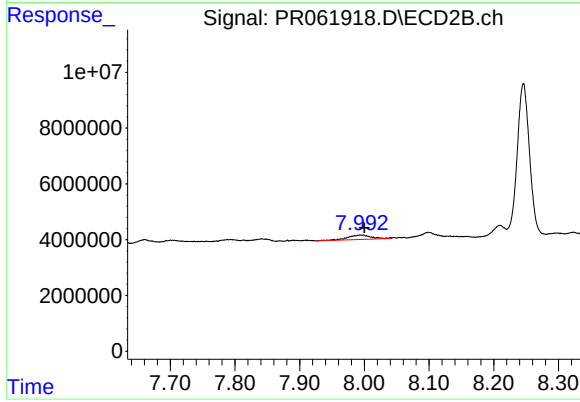
R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 170708
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 9.308 min
Delta R.T.: -0.002 min
Response: 973523
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 7.994 min
Delta R.T.: -0.006 min
Response: 3960551
Conc: 3.07 ng/ml