

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092523\
 Data File : PR063588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 18:18
 Operator : YP\AJ
 Sample : PB155771BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 21:25:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 13 07:34:49 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.667	2.882	125.0E6	69960576	19.259	20.464
2)	SA Decachlor...	9.667	8.175	76294004	61199294	20.603	20.478
Target Compounds							
3)	L1 AR-1016-1	4.906	4.006	21254054	11865532	108.793	105.406
4)	L1 AR-1016-2	4.928	4.023	30527133	17696650	108.351	104.164
5)	L1 AR-1016-3	4.993	4.202	18271089	9028483	108.749	103.868
6)	L1 AR-1016-4	5.096	4.255	14808895	7239972	107.897	107.053
7)	L1 AR-1016-5	5.416	4.473	13932269	8677895	104.401	100.205
8)	L2 AR-1221-1	3.895	3.108	2728055	904907	37.585	24.438 #
9)	L2 AR-1221-2	3.983	3.193	4136063	1656962	88.118	64.258 #
10)	L2 AR-1221-3	4.062	3.272	13318851	6709106	82.546	70.022
11)	L3 AR-1232-1	4.062	3.272	13318851	6709106	98.191	84.188
12)	L3 AR-1232-2	4.618	4.023	15388210	17696650	242.999	236.496
13)	L3 AR-1232-3	4.928	4.202	30527133	9028483	242.646	239.799
14)	L3 AR-1232-4	5.096	4.296	14808895	8661281	244.419	272.979
15)	L3 AR-1232-5	5.203	4.473	12537937	8677895	289.853	240.668
16)	L4 AR-1242-1	4.906	4.006	21254054	11865532	127.488	124.290
17)	L4 AR-1242-2	4.928	4.023	30527133	17696650	127.935	123.930
18)	L4 AR-1242-3	4.993	4.202	18271089	9028483	128.682	123.251
19)	L4 AR-1242-4	5.096	4.296	14808895	8661281	126.352	126.633
20)	L4 AR-1242-5	5.894	4.845	2255177	7179896	19.448	82.079 #
21)	L5 AR-1248-1	4.906	4.006	21254054	11865532	164.377	158.857
22)	L5 AR-1248-2	5.203	4.255	12537937	7239972	73.936	67.822
23)	L5 AR-1248-3	5.416	4.296	13932269	8661281	69.036	81.439
24)	L5 AR-1248-4	5.853	4.473	2146869	8677895	9.854	66.796 #
25)	L5 AR-1248-5	5.894	4.888	2255177	1097800	10.718	8.540
26)	L6 AR-1254-1	5.824	4.845	10977796	7179896	50.029	36.366 #
27)	L6 AR-1254-2	6.064	5.006	11765147	7730341	35.503	45.733 #
28)	L6 AR-1254-3	6.450	5.450	26539510	12858937	78.779	47.368 #
29)	L6 AR-1254-4	6.772	5.680	3635600	1405159	15.687	8.376 #
30)	L6 AR-1254-5	7.232	6.127	34519488	26603273	141.351	114.398
31)	L7 AR-1260-1	6.641	5.572	26289861	19157854	109.427	107.986
32)	L7 AR-1260-2	6.927	5.780	29858086	23113372	108.852	108.581
33)	L7 AR-1260-3	7.320	5.938	18098554	20938093	94.647	105.121
34)	L7 AR-1260-4	7.564	6.448	21756863	15053199	99.501	91.929
35)	L7 AR-1260-5	7.906	6.717	39428355	35757386	91.107	90.331
36)	L8 AR-1262-1	7.320	6.173	18098554	16176546	59.406	63.968
37)	L8 AR-1262-2	7.906	6.717	39428355	35757386	76.915	77.964
38)	L8 AR-1262-3	8.225	7.024	23569720	6896360	70.574	38.759 #
39)	L8 AR-1262-4	8.305	7.090	5675163	25606170	22.800	76.122 #
40)	L8 AR-1262-5	8.947	7.635	9163518	7099739	51.334	47.055
41)	L9 AR-1268-1	8.225	7.024	23569720	6896360	39.258	12.777 #

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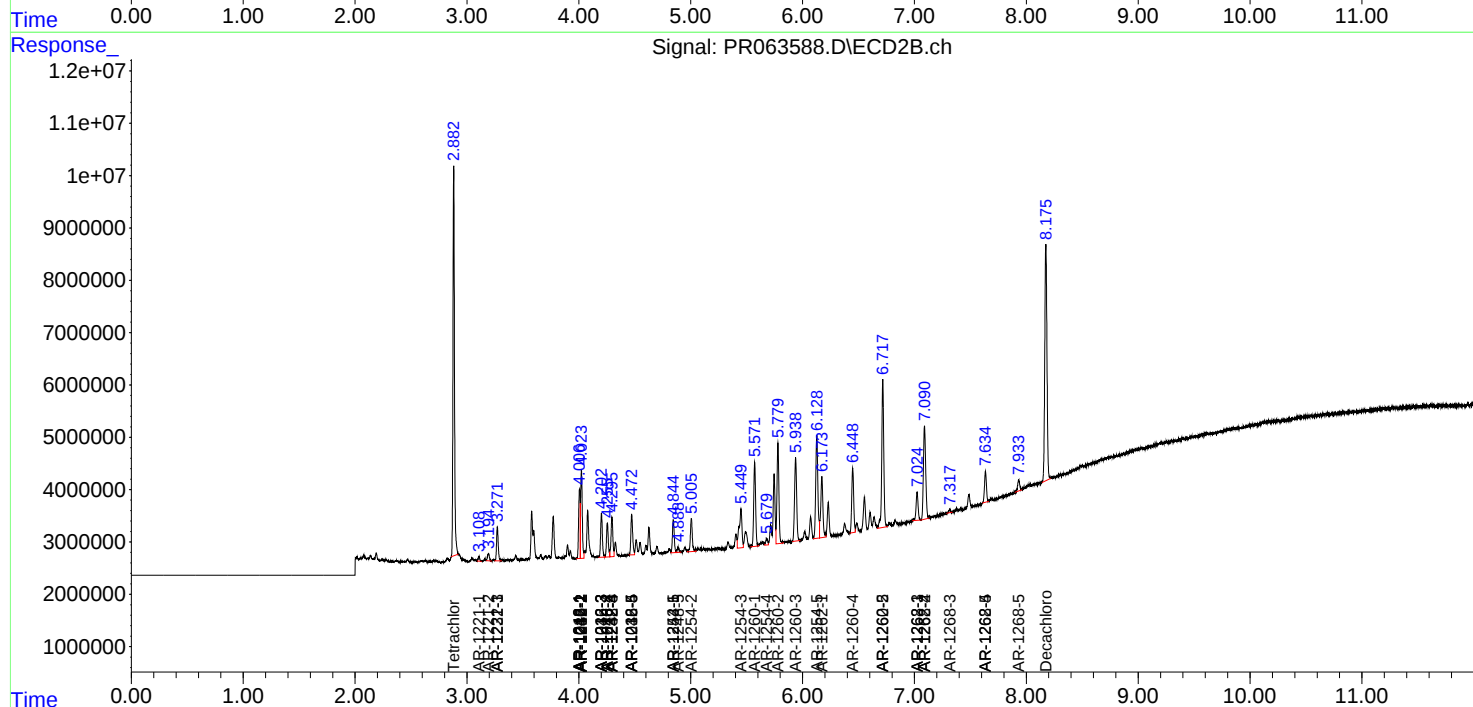
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

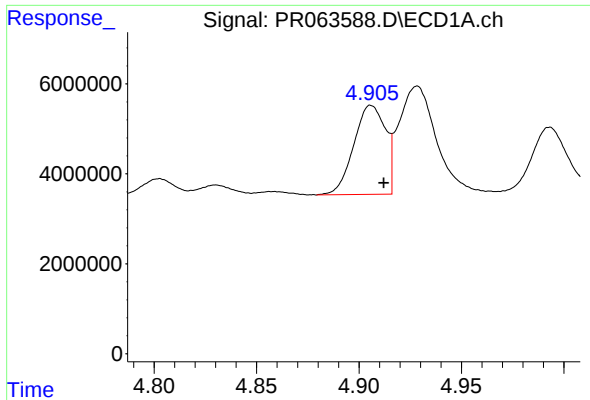
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.305	7.090	5675163	25606170	10.444	52.178 #
43) L9	AR-1268-3	8.535	7.316	1269503	651517	2.711	1.567 #
44) L9	AR-1268-4	8.947	7.635	9163518	7099739	45.791	41.898
45) L9	AR-1268-5	9.345	7.932	2773047	2741469	1.805	2.042

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

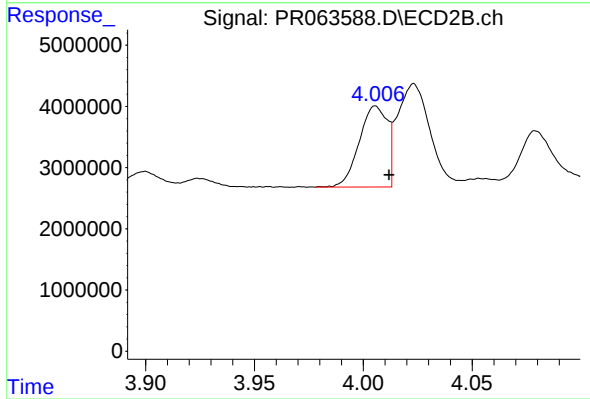




#3 AR-1016-1

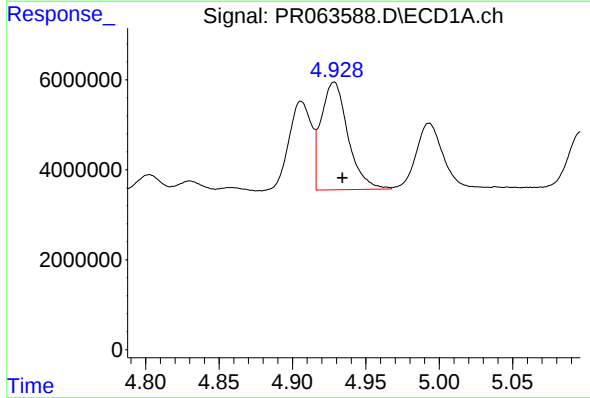
R.T.: 4.906 min
Delta R.T.: -0.006 min
Response: 21254054
Conc: 108.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



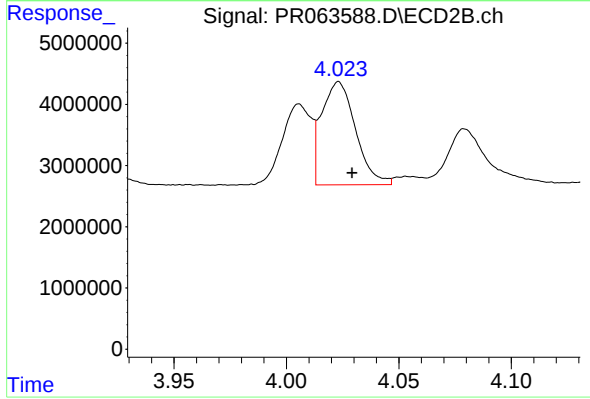
#3 AR-1016-1

R.T.: 4.006 min
Delta R.T.: -0.006 min
Response: 11865532
Conc: 105.41 ng/ml



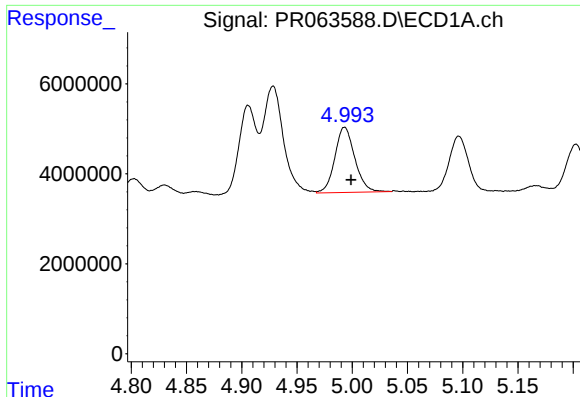
#4 AR-1016-2

R.T.: 4.928 min
Delta R.T.: -0.006 min
Response: 30527133
Conc: 108.35 ng/ml



#4 AR-1016-2

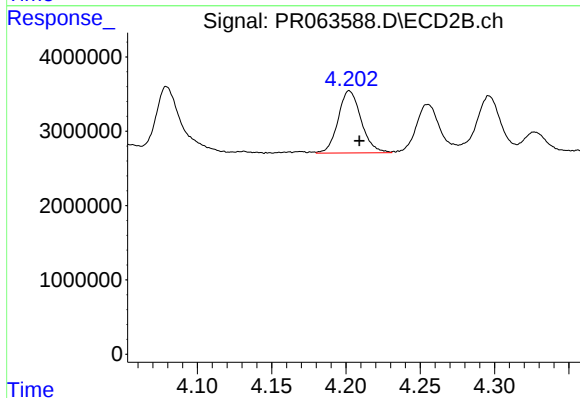
R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 17696650
Conc: 104.16 ng/ml



#5 AR-1016-3

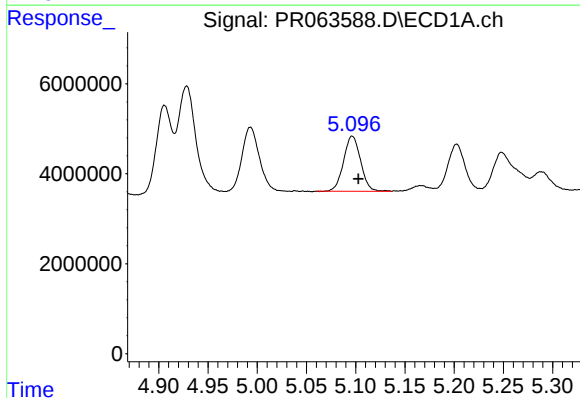
R.T.: 4.993 min
Delta R.T.: -0.006 min
Response: 18271089
Conc: 108.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



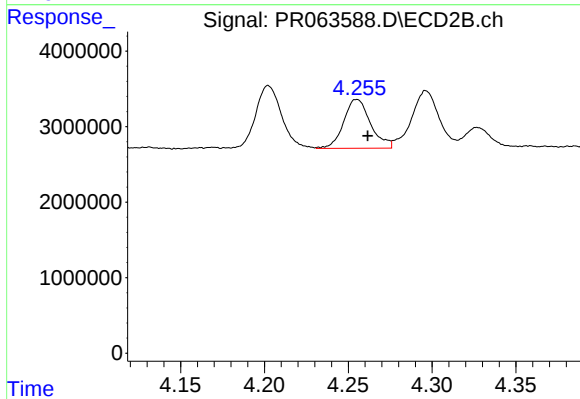
#5 AR-1016-3

R.T.: 4.202 min
Delta R.T.: -0.007 min
Response: 9028483
Conc: 103.87 ng/ml



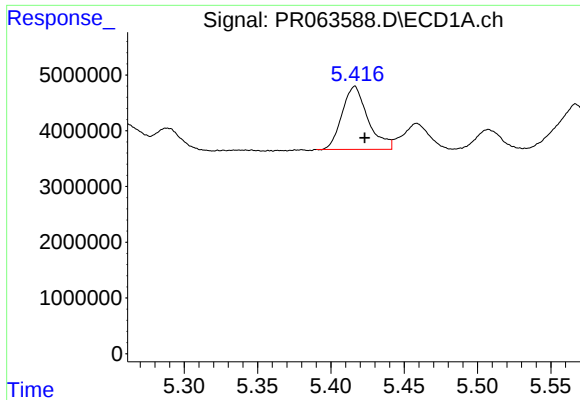
#6 AR-1016-4

R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 14808895
Conc: 107.90 ng/ml



#6 AR-1016-4

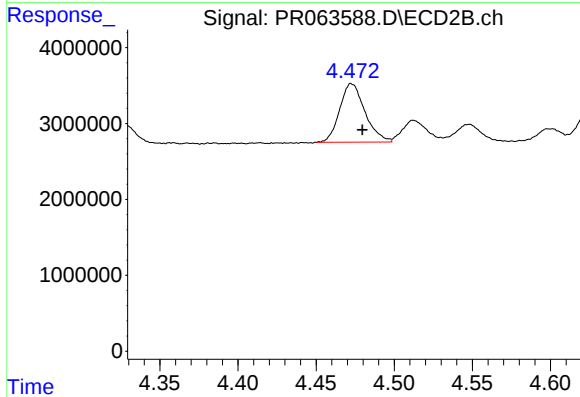
R.T.: 4.255 min
Delta R.T.: -0.006 min
Response: 7239972
Conc: 107.05 ng/ml



#7 AR-1016-5

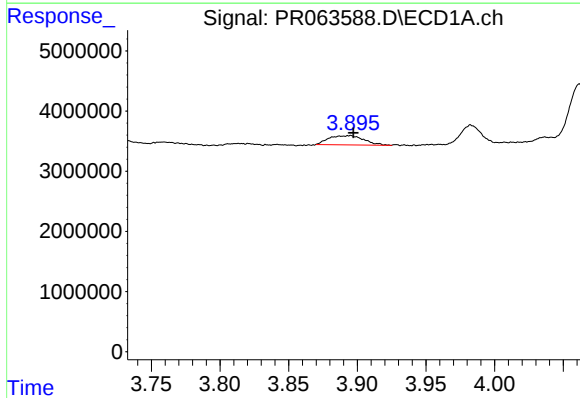
R.T.: 5.416 min
Delta R.T.: -0.007 min
Response: 13932269
Conc: 104.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



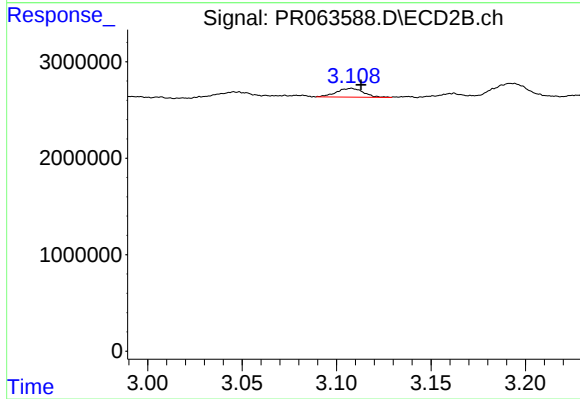
#7 AR-1016-5

R.T.: 4.473 min
Delta R.T.: -0.007 min
Response: 8677895
Conc: 100.21 ng/ml



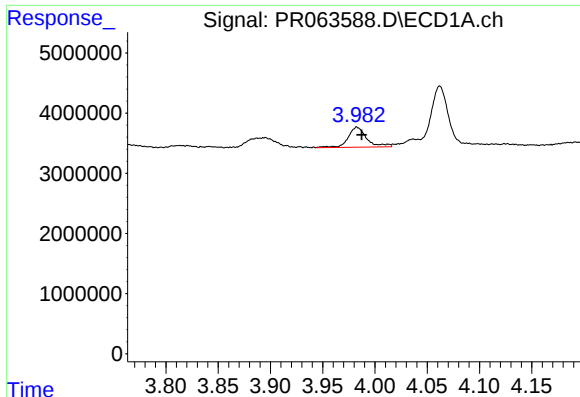
#8 AR-1221-1

R.T.: 3.895 min
Delta R.T.: -0.002 min
Response: 2728055
Conc: 37.59 ng/ml



#8 AR-1221-1

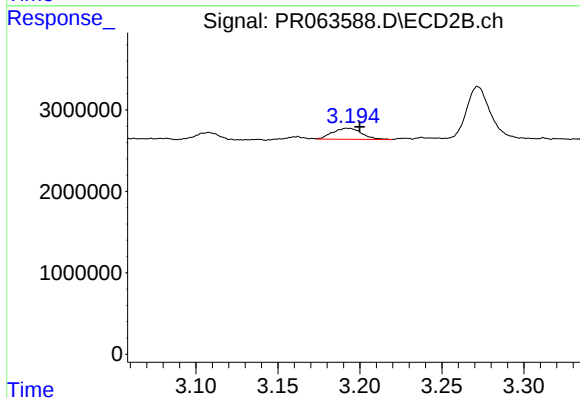
R.T.: 3.108 min
Delta R.T.: -0.005 min
Response: 904907
Conc: 24.44 ng/ml



#9 AR-1221-2

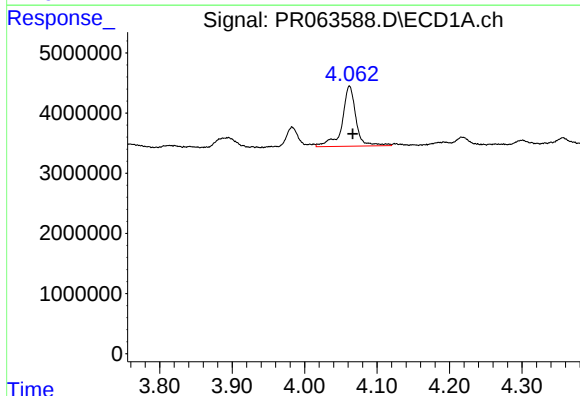
R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 4136063
Conc: 88.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



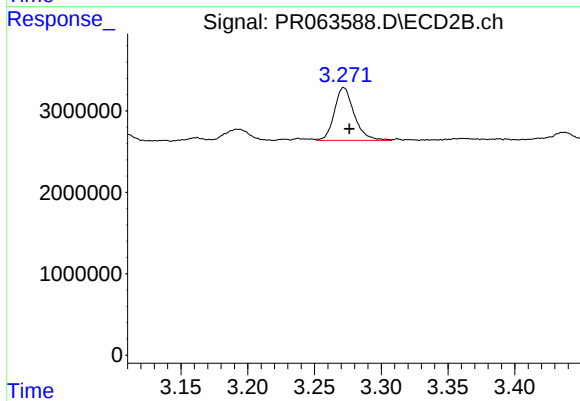
#9 AR-1221-2

R.T.: 3.193 min
Delta R.T.: -0.007 min
Response: 1656962
Conc: 64.26 ng/ml



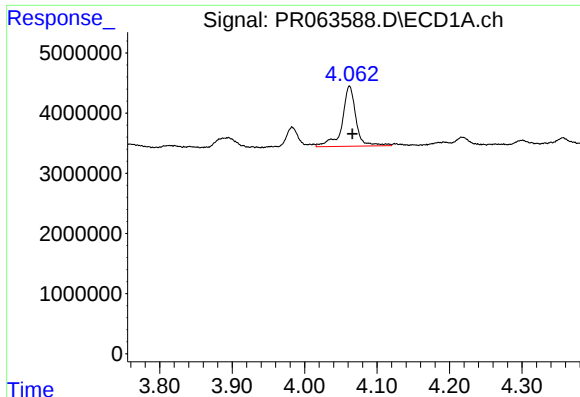
#10 AR-1221-3

R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 13318851
Conc: 82.55 ng/ml



#10 AR-1221-3

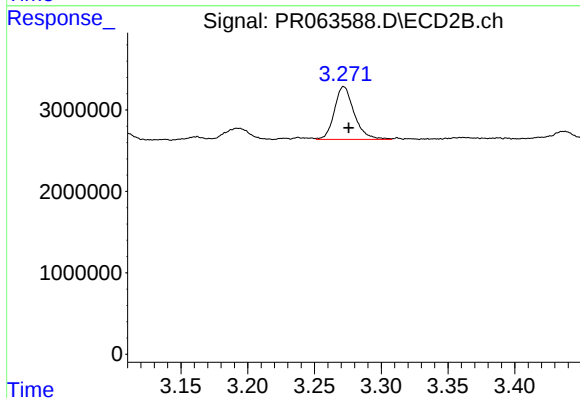
R.T.: 3.272 min
Delta R.T.: -0.004 min
Response: 6709106
Conc: 70.02 ng/ml



#11 AR-1232-1

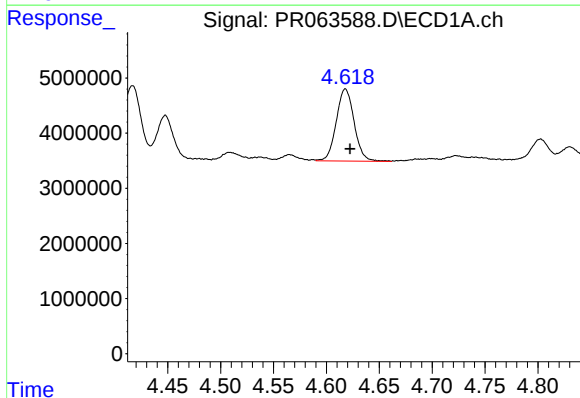
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 13318851
Conc: 98.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



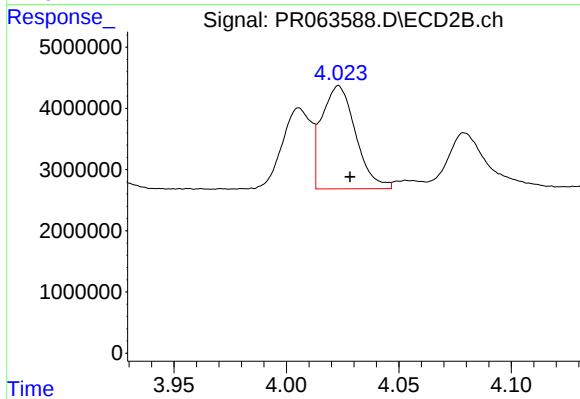
#11 AR-1232-1

R.T.: 3.272 min
Delta R.T.: -0.004 min
Response: 6709106
Conc: 84.19 ng/ml



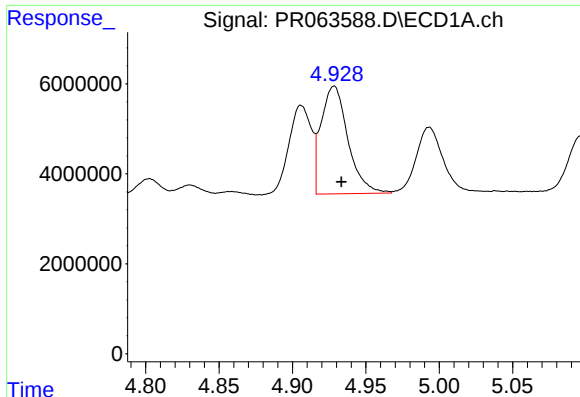
#12 AR-1232-2

R.T.: 4.618 min
Delta R.T.: -0.005 min
Response: 15388210
Conc: 243.00 ng/ml



#12 AR-1232-2

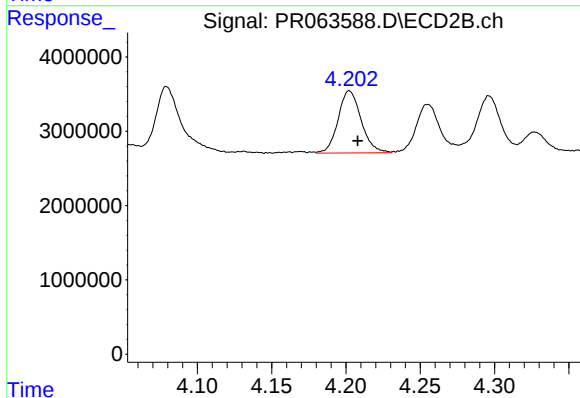
R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 17696650
Conc: 236.50 ng/ml



#13 AR-1232-3

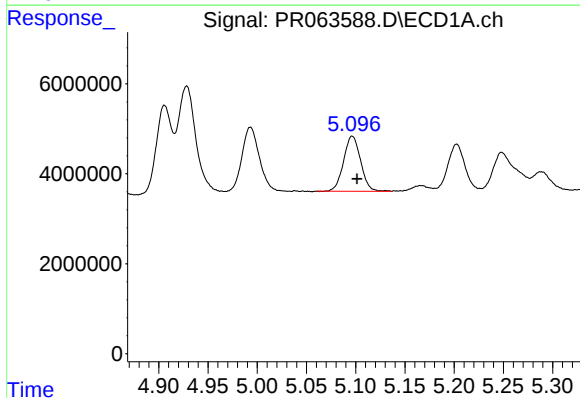
R.T.: 4.928 min
Delta R.T.: -0.005 min
Response: 30527133
Conc: 242.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



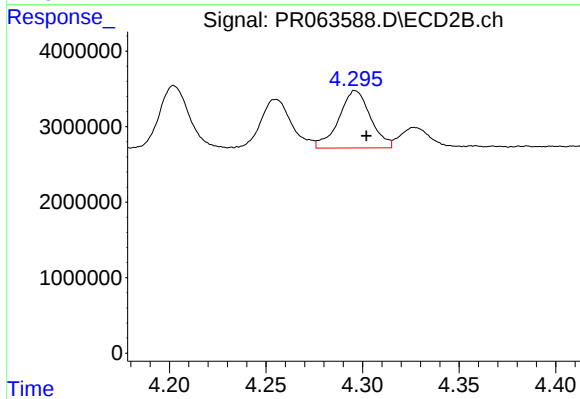
#13 AR-1232-3

R.T.: 4.202 min
Delta R.T.: -0.006 min
Response: 9028483
Conc: 239.80 ng/ml



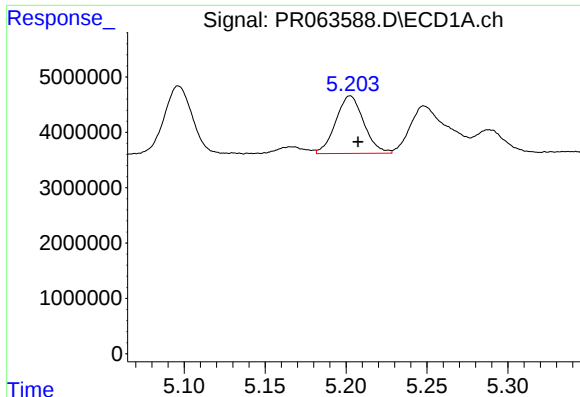
#14 AR-1232-4

R.T.: 5.096 min
Delta R.T.: -0.005 min
Response: 14808895
Conc: 244.42 ng/ml



#14 AR-1232-4

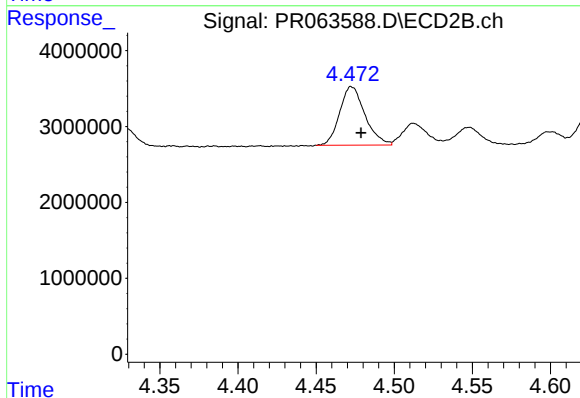
R.T.: 4.296 min
Delta R.T.: -0.006 min
Response: 8661281
Conc: 272.98 ng/ml



#15 AR-1232-5

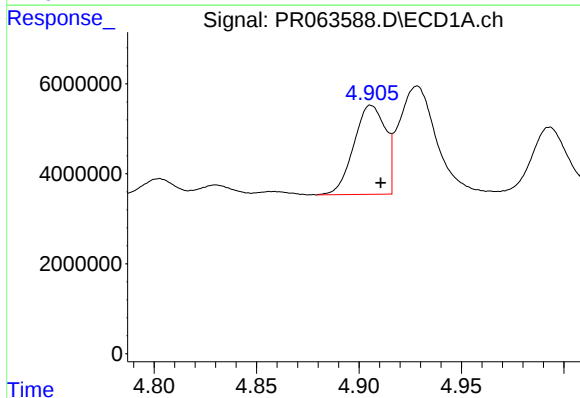
R.T.: 5.203 min
Delta R.T.: -0.005 min
Response: 12537937
Conc: 289.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



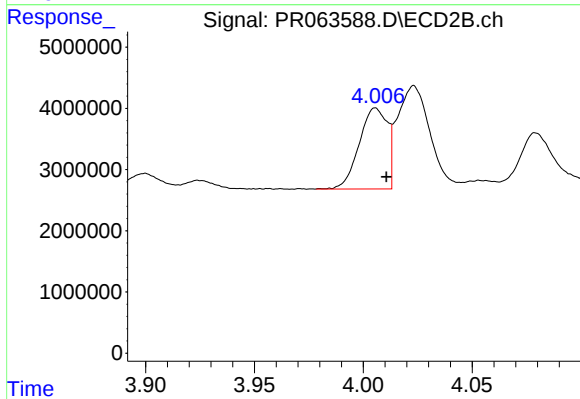
#15 AR-1232-5

R.T.: 4.473 min
Delta R.T.: -0.006 min
Response: 8677895
Conc: 240.67 ng/ml



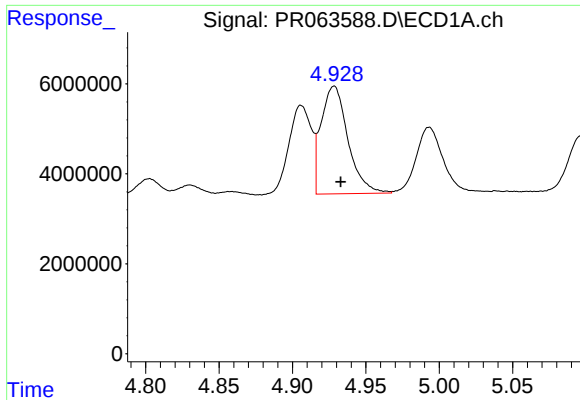
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: -0.005 min
Response: 21254054
Conc: 127.49 ng/ml



#16 AR-1242-1

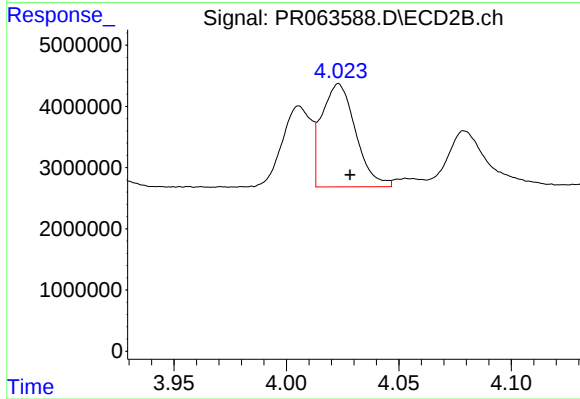
R.T.: 4.006 min
Delta R.T.: -0.005 min
Response: 11865532
Conc: 124.29 ng/ml



#17 AR-1242-2

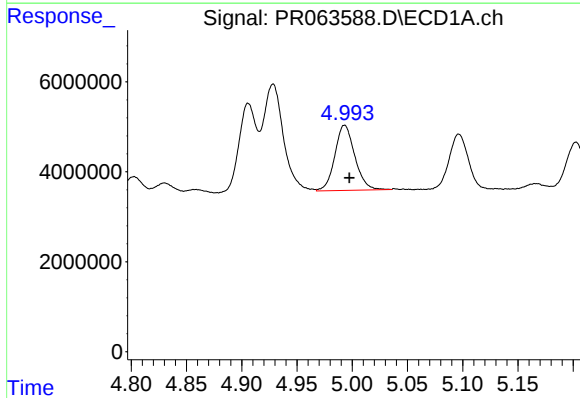
R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 30527133
Conc: 127.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



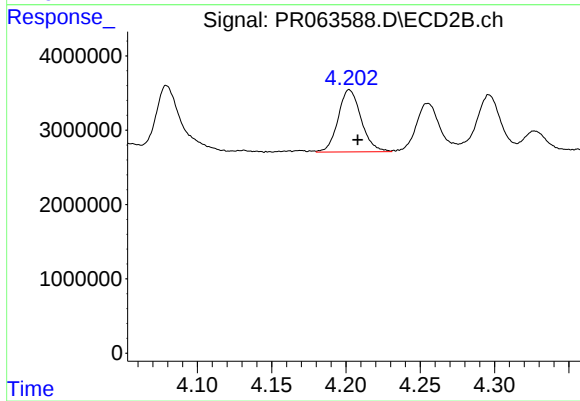
#17 AR-1242-2

R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 17696650
Conc: 123.93 ng/ml



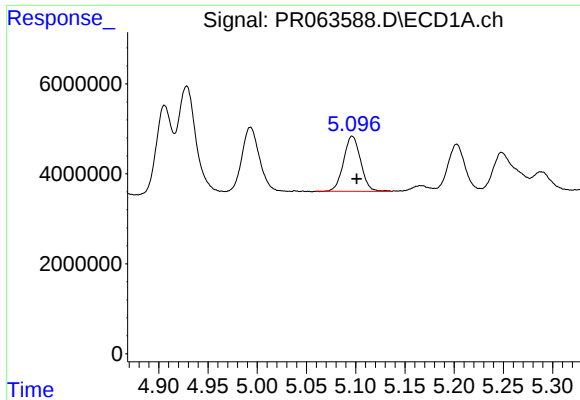
#18 AR-1242-3

R.T.: 4.993 min
Delta R.T.: -0.004 min
Response: 18271089
Conc: 128.68 ng/ml



#18 AR-1242-3

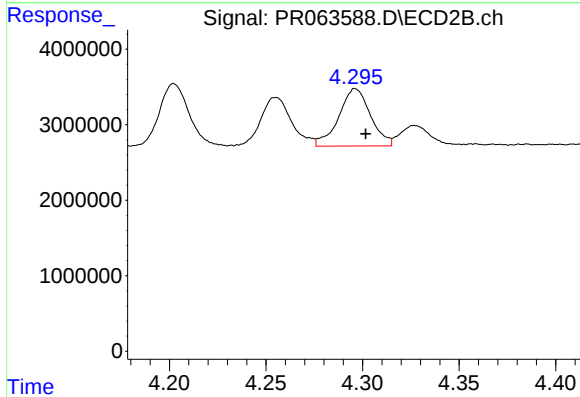
R.T.: 4.202 min
Delta R.T.: -0.006 min
Response: 9028483
Conc: 123.25 ng/ml



#19 AR-1242-4

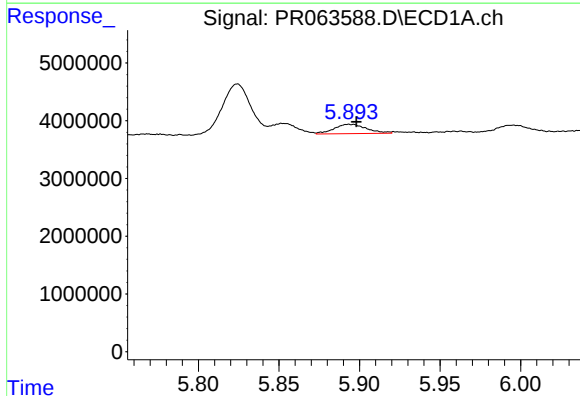
R.T.: 5.096 min
Delta R.T.: -0.004 min
Response: 14808895
Conc: 126.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



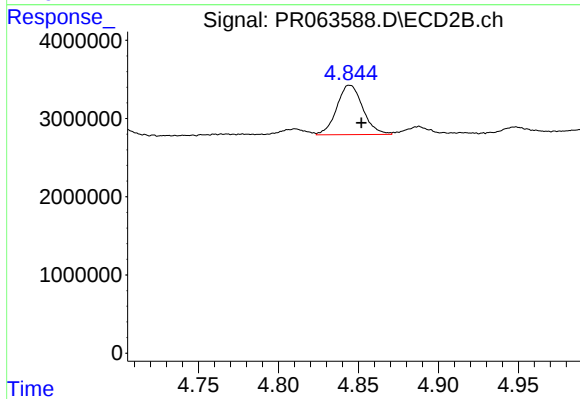
#19 AR-1242-4

R.T.: 4.296 min
Delta R.T.: -0.005 min
Response: 8661281
Conc: 126.63 ng/ml



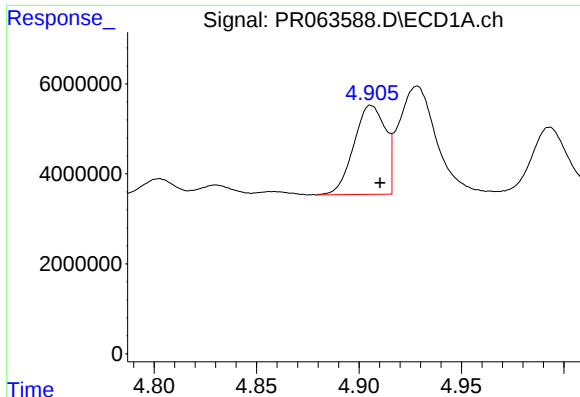
#20 AR-1242-5

R.T.: 5.894 min
Delta R.T.: -0.004 min
Response: 2255177
Conc: 19.45 ng/ml



#20 AR-1242-5

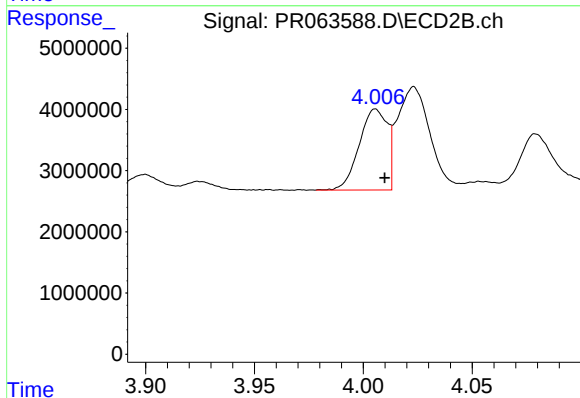
R.T.: 4.845 min
Delta R.T.: -0.007 min
Response: 7179896
Conc: 82.08 ng/ml



#21 AR-1248-1

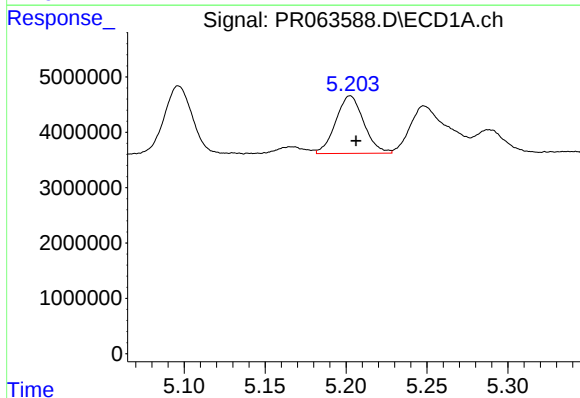
R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 21254054
Conc: 164.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



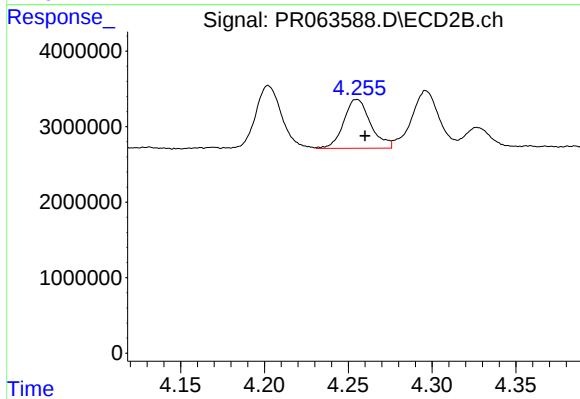
#21 AR-1248-1

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 11865532
Conc: 158.86 ng/ml



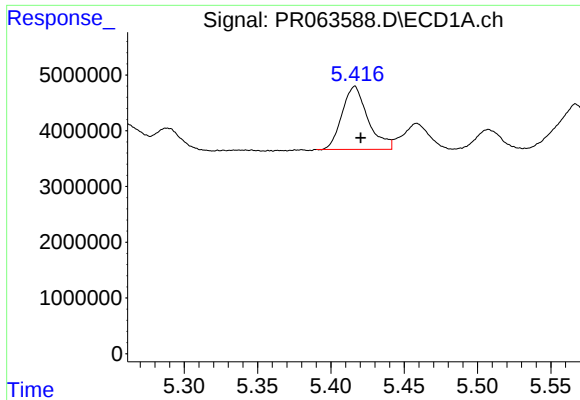
#22 AR-1248-2

R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 12537937
Conc: 73.94 ng/ml



#22 AR-1248-2

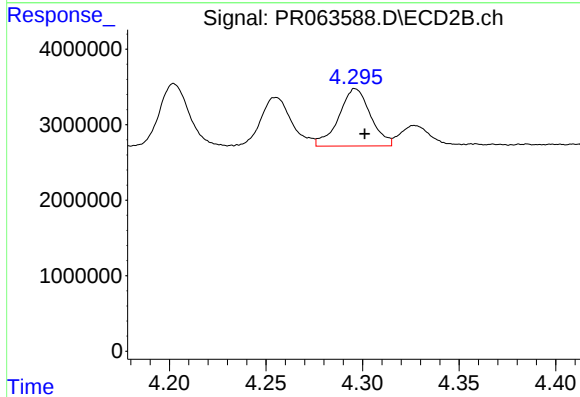
R.T.: 4.255 min
Delta R.T.: -0.005 min
Response: 7239972
Conc: 67.82 ng/ml



#23 AR-1248-3

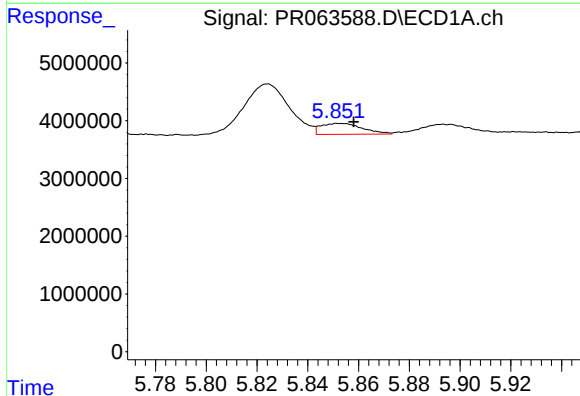
R.T.: 5.416 min
Delta R.T.: -0.004 min
Response: 13932269
Conc: 69.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



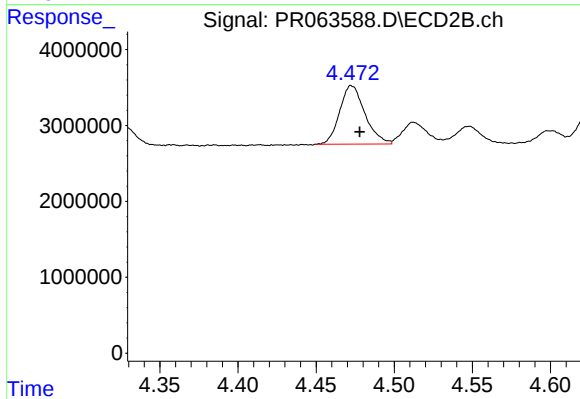
#23 AR-1248-3

R.T.: 4.296 min
Delta R.T.: -0.005 min
Response: 8661281
Conc: 81.44 ng/ml



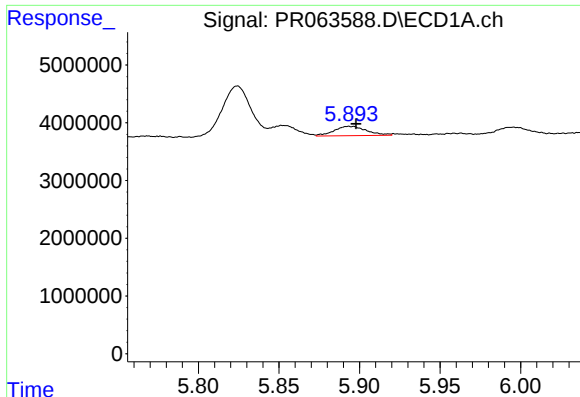
#24 AR-1248-4

R.T.: 5.853 min
Delta R.T.: -0.005 min
Response: 2146869
Conc: 9.85 ng/ml



#24 AR-1248-4

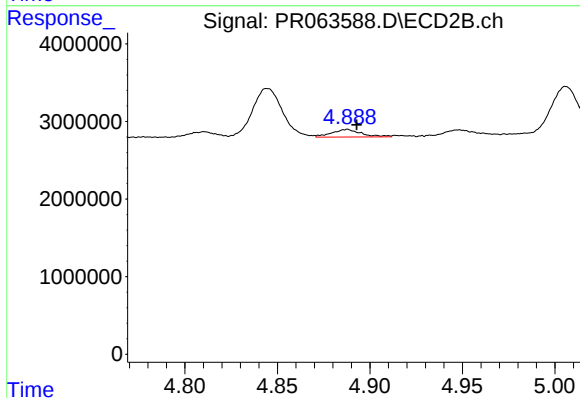
R.T.: 4.473 min
Delta R.T.: -0.005 min
Response: 8677895
Conc: 66.80 ng/ml



#25 AR-1248-5

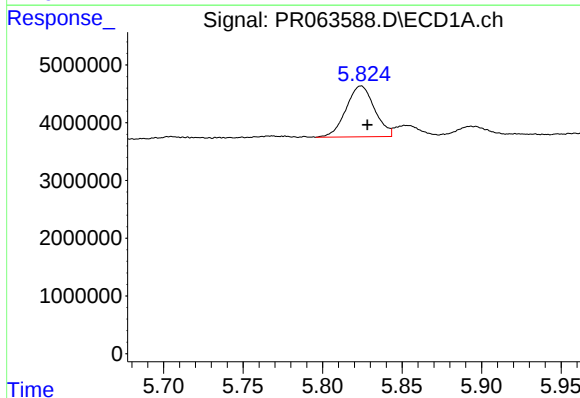
R.T.: 5.894 min
Delta R.T.: -0.004 min
Response: 2255177
Conc: 10.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



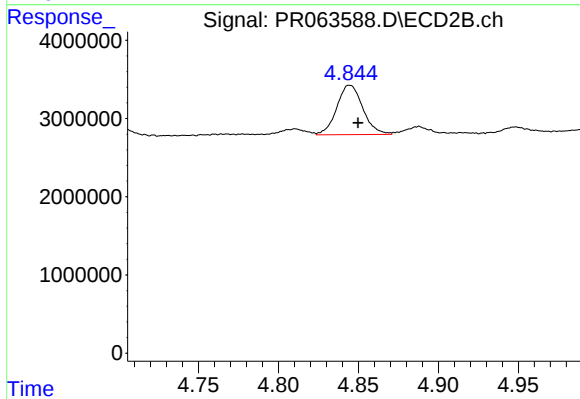
#25 AR-1248-5

R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 1097800
Conc: 8.54 ng/ml



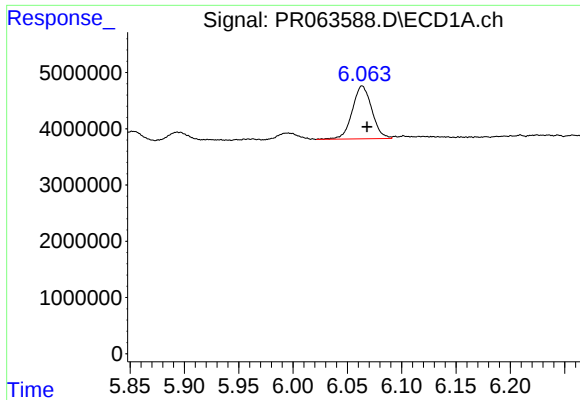
#26 AR-1254-1

R.T.: 5.824 min
Delta R.T.: -0.004 min
Response: 10977796
Conc: 50.03 ng/ml



#26 AR-1254-1

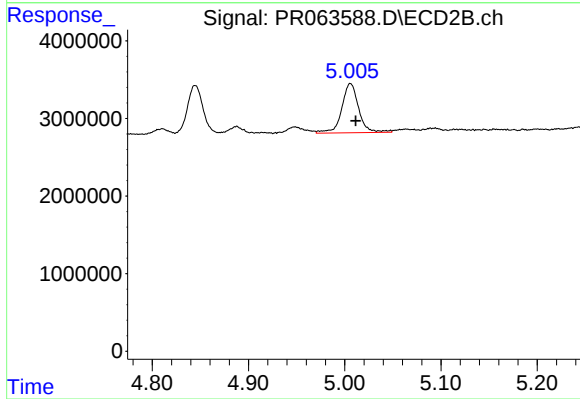
R.T.: 4.845 min
Delta R.T.: -0.005 min
Response: 7179896
Conc: 36.37 ng/ml



#27 AR-1254-2

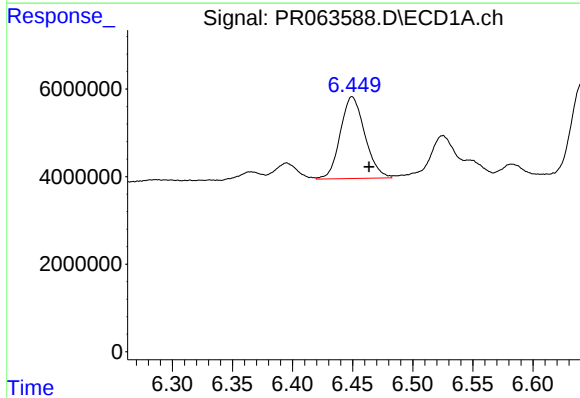
R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 11765147
Conc: 35.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



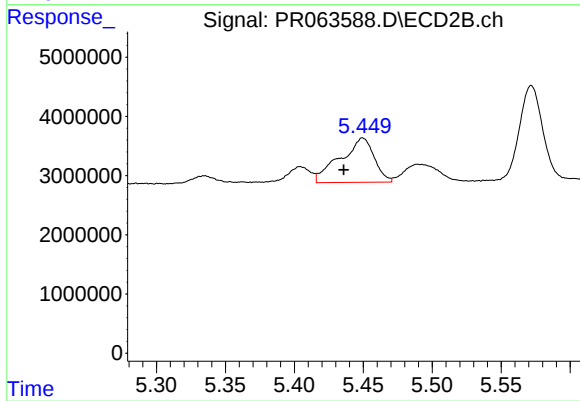
#27 AR-1254-2

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 7730341
Conc: 45.73 ng/ml



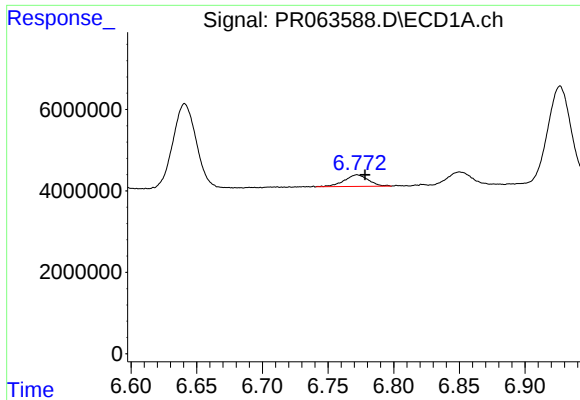
#28 AR-1254-3

R.T.: 6.450 min
Delta R.T.: -0.014 min
Response: 26539510
Conc: 78.78 ng/ml



#28 AR-1254-3

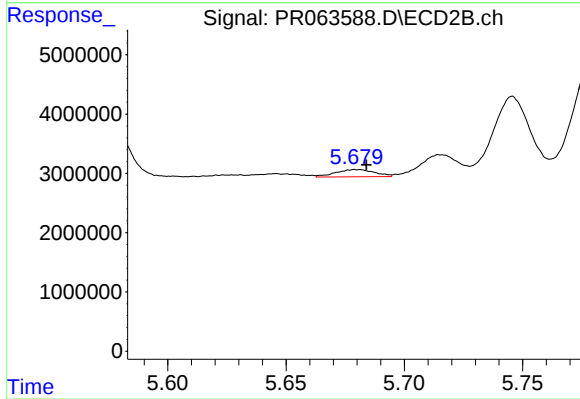
R.T.: 5.450 min
Delta R.T.: 0.014 min
Response: 12858937
Conc: 47.37 ng/ml



#29 AR-1254-4

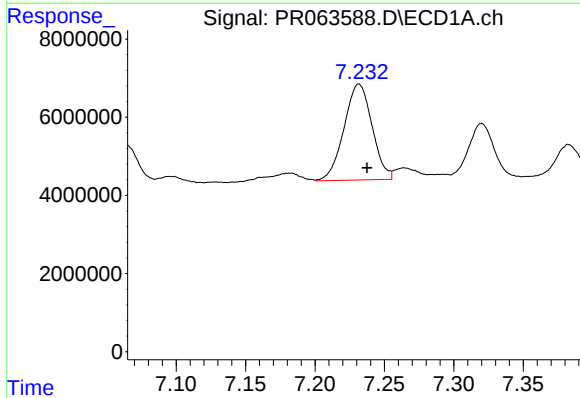
R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 3635600
Conc: 15.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



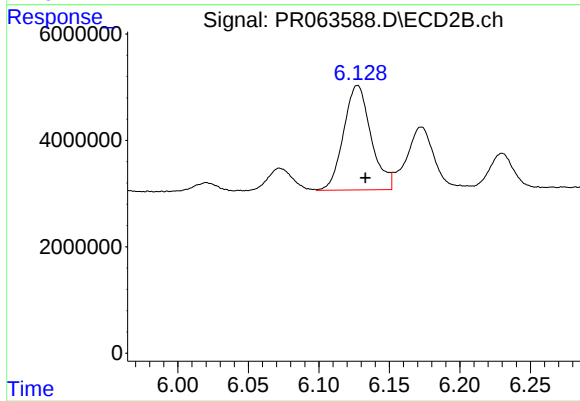
#29 AR-1254-4

R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 1405159
Conc: 8.38 ng/ml



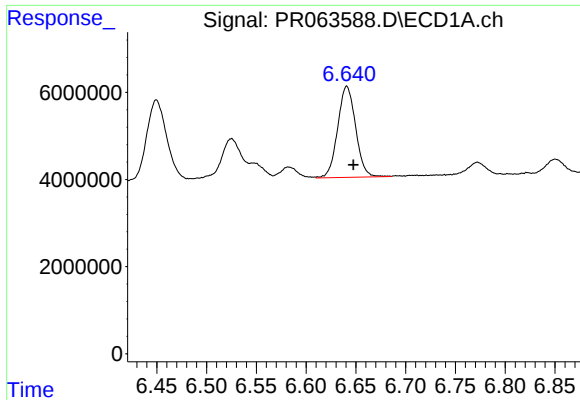
#30 AR-1254-5

R.T.: 7.232 min
Delta R.T.: -0.006 min
Response: 34519488
Conc: 141.35 ng/ml



#30 AR-1254-5

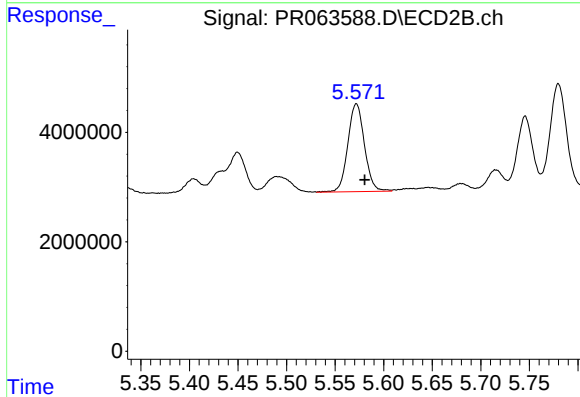
R.T.: 6.127 min
Delta R.T.: -0.006 min
Response: 26603273
Conc: 114.40 ng/ml



#31 AR-1260-1

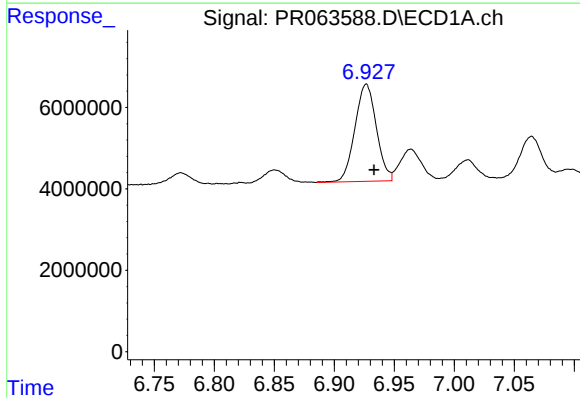
R.T.: 6.641 min
Delta R.T.: -0.006 min
Response: 26289861
Conc: 109.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



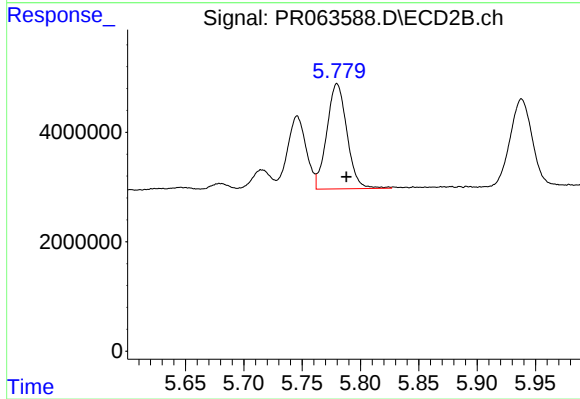
#31 AR-1260-1

R.T.: 5.572 min
Delta R.T.: -0.009 min
Response: 19157854
Conc: 107.99 ng/ml



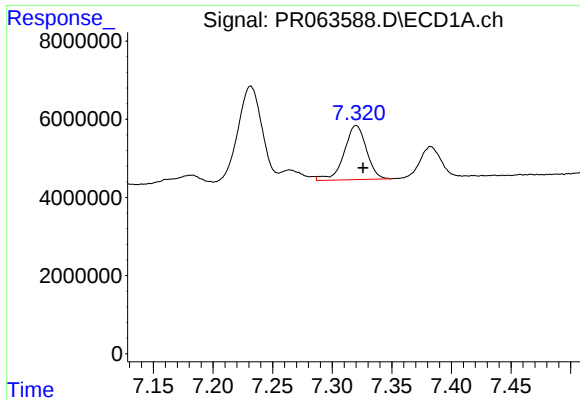
#32 AR-1260-2

R.T.: 6.927 min
Delta R.T.: -0.007 min
Response: 29858086
Conc: 108.85 ng/ml



#32 AR-1260-2

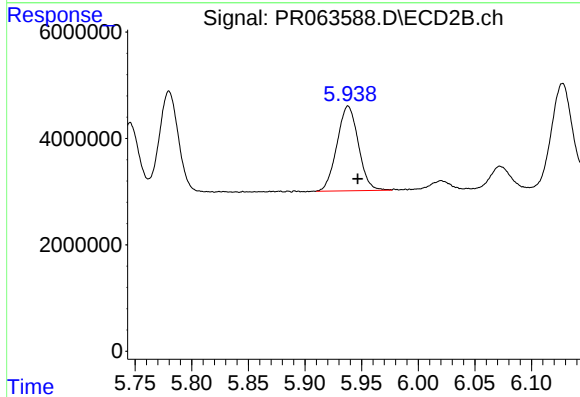
R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 23113372
Conc: 108.58 ng/ml



#33 AR-1260-3

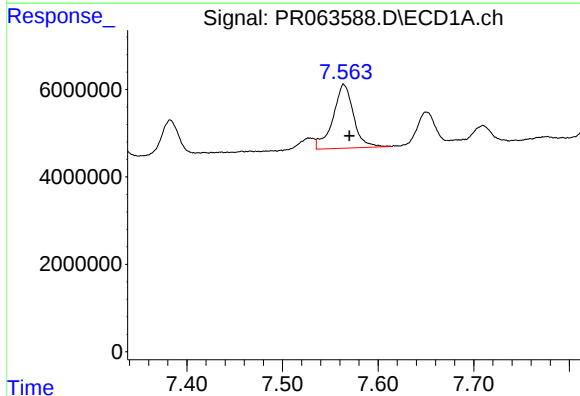
R.T.: 7.320 min
Delta R.T.: -0.006 min
Response: 18098554
Conc: 94.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



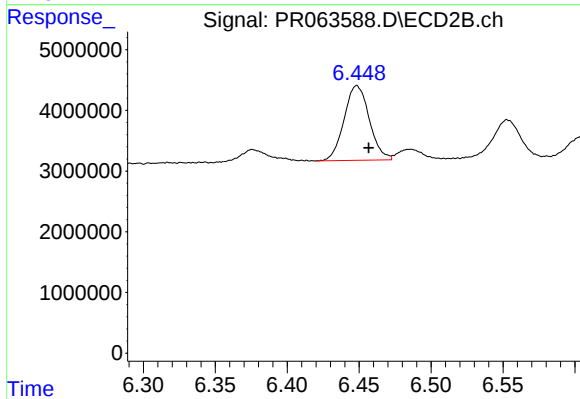
#33 AR-1260-3

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 20938093
Conc: 105.12 ng/ml



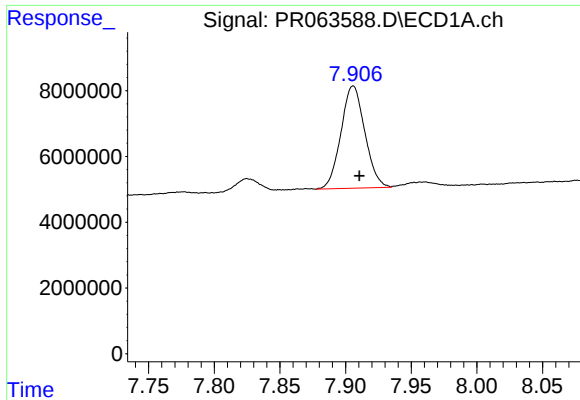
#34 AR-1260-4

R.T.: 7.564 min
Delta R.T.: -0.006 min
Response: 21756863
Conc: 99.50 ng/ml



#34 AR-1260-4

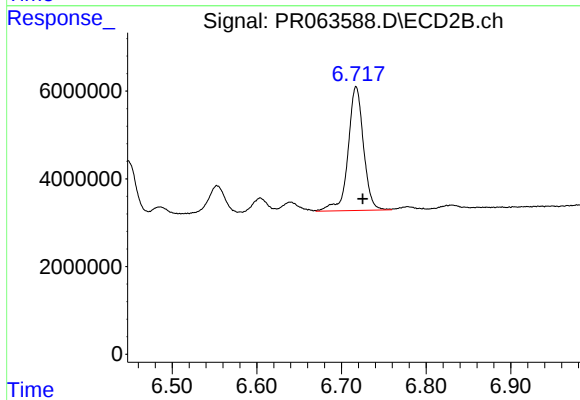
R.T.: 6.448 min
Delta R.T.: -0.008 min
Response: 15053199
Conc: 91.93 ng/ml



#35 AR-1260-5

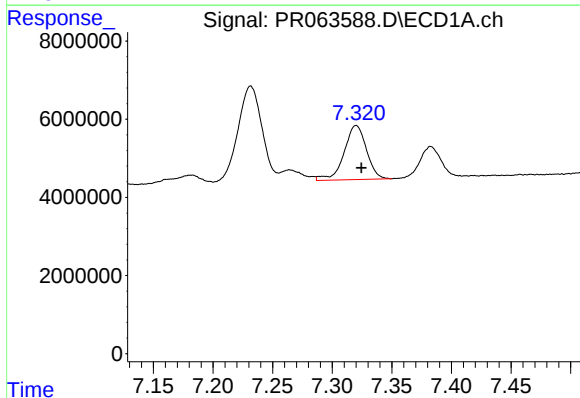
R.T.: 7.906 min
Delta R.T.: -0.005 min
Response: 39428355
Conc: 91.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



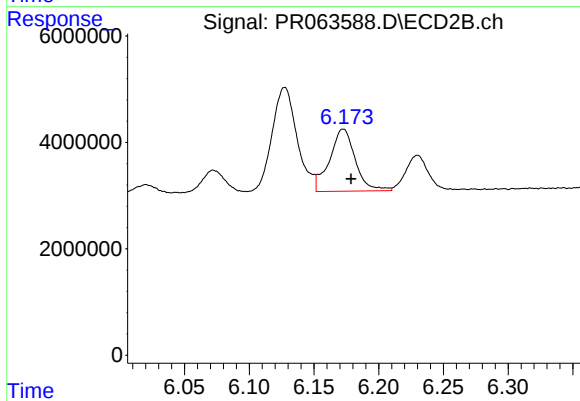
#35 AR-1260-5

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 35757386
Conc: 90.33 ng/ml



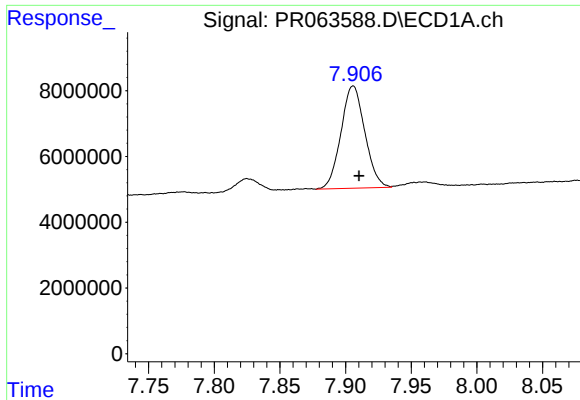
#36 AR-1262-1

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 18098554
Conc: 59.41 ng/ml



#36 AR-1262-1

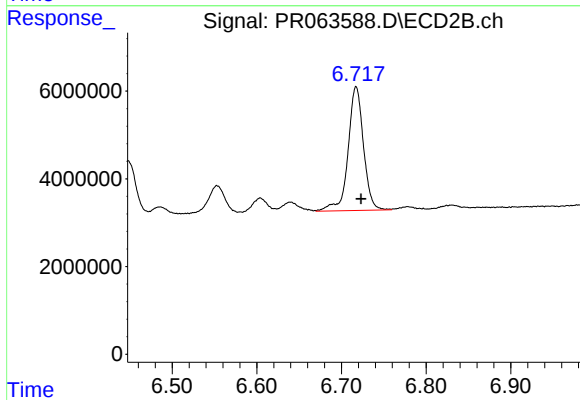
R.T.: 6.173 min
Delta R.T.: -0.006 min
Response: 16176546
Conc: 63.97 ng/ml



#37 AR-1262-2

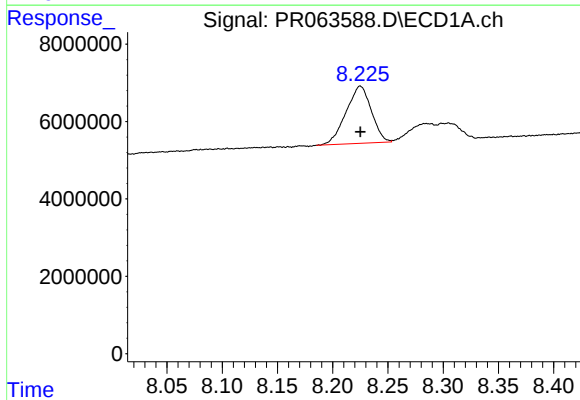
R.T.: 7.906 min
Delta R.T.: -0.005 min
Response: 39428355
Conc: 76.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



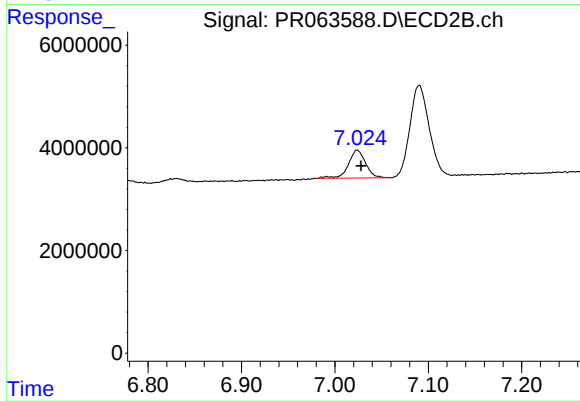
#37 AR-1262-2

R.T.: 6.717 min
Delta R.T.: -0.006 min
Response: 35757386
Conc: 77.96 ng/ml



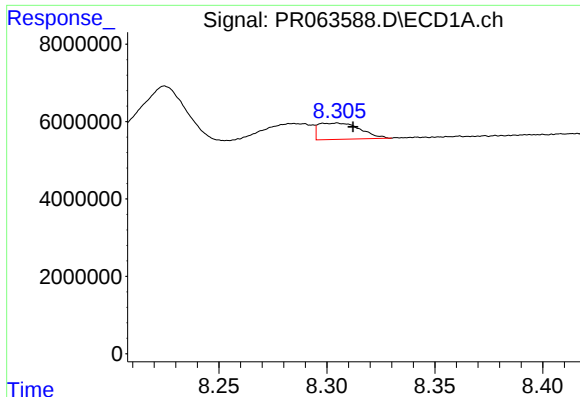
#38 AR-1262-3

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 23569720
Conc: 70.57 ng/ml



#38 AR-1262-3

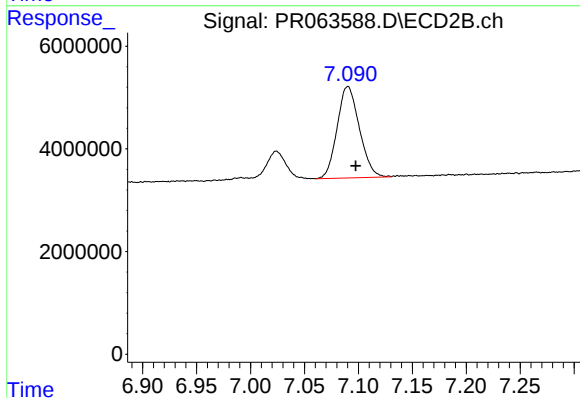
R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 6896360
Conc: 38.76 ng/ml



#39 AR-1262-4

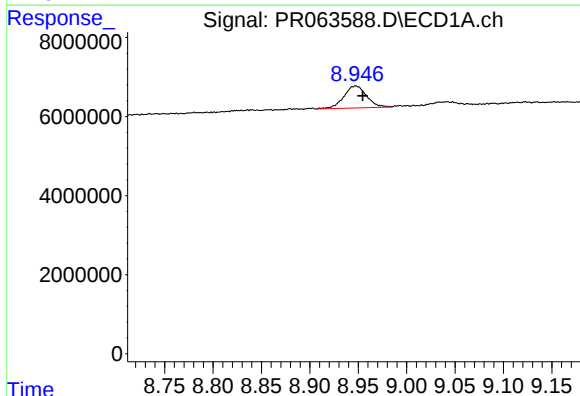
R.T.: 8.305 min
Delta R.T.: -0.007 min
Response: 5675163
Conc: 22.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



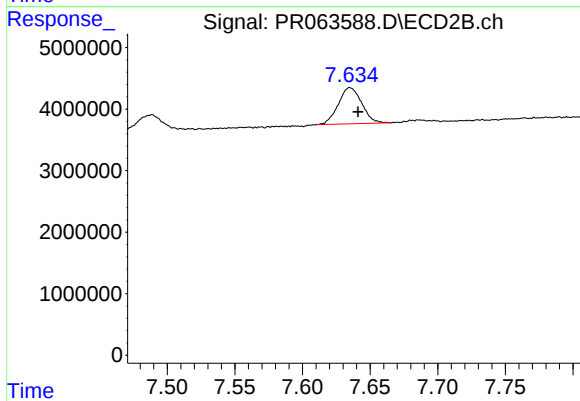
#39 AR-1262-4

R.T.: 7.090 min
Delta R.T.: -0.007 min
Response: 25606170
Conc: 76.12 ng/ml



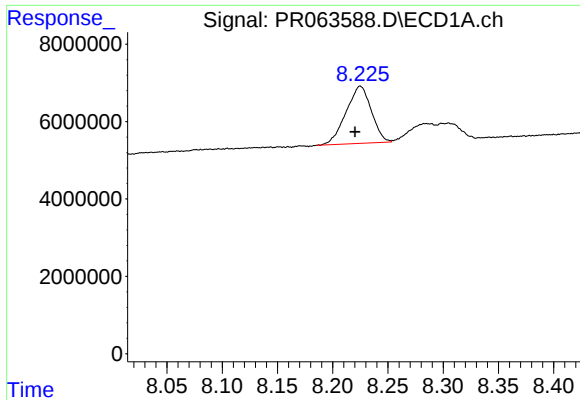
#40 AR-1262-5

R.T.: 8.947 min
Delta R.T.: -0.007 min
Response: 9163518
Conc: 51.33 ng/ml



#40 AR-1262-5

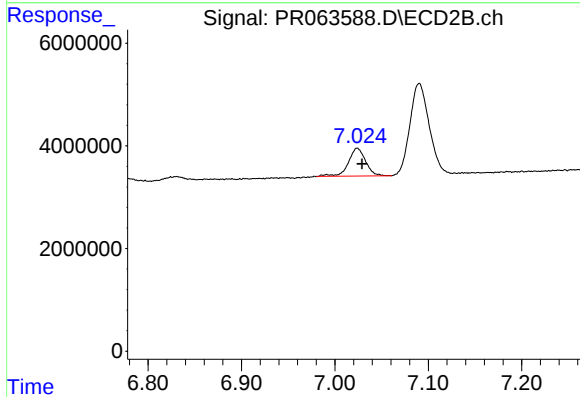
R.T.: 7.635 min
Delta R.T.: -0.006 min
Response: 7099739
Conc: 47.05 ng/ml



#41 AR-1268-1

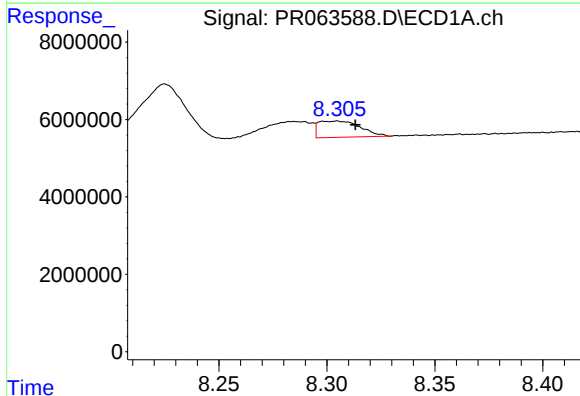
R.T.: 8.225 min
Delta R.T.: 0.005 min
Response: 23569720
Conc: 39.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



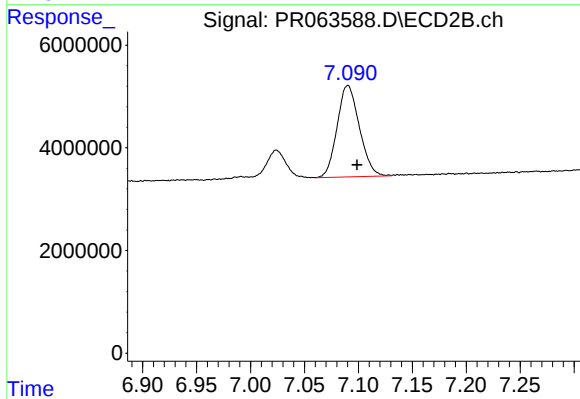
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: -0.005 min
Response: 6896360
Conc: 12.78 ng/ml



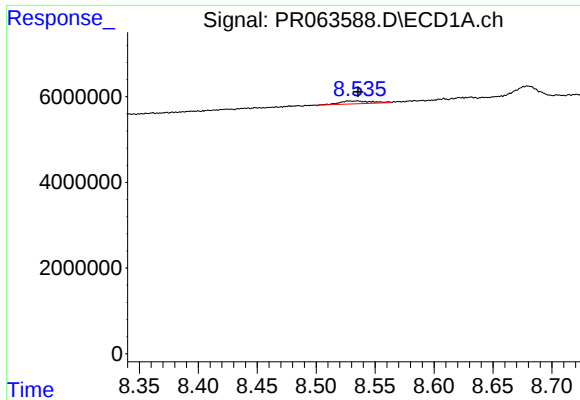
#42 AR-1268-2

R.T.: 8.305 min
Delta R.T.: -0.008 min
Response: 5675163
Conc: 10.44 ng/ml



#42 AR-1268-2

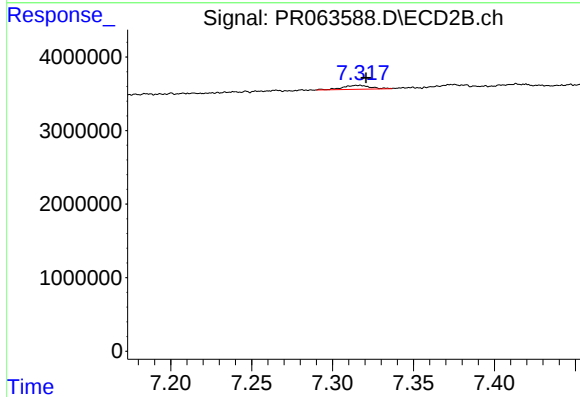
R.T.: 7.090 min
Delta R.T.: -0.008 min
Response: 25606170
Conc: 52.18 ng/ml



#43 AR-1268-3

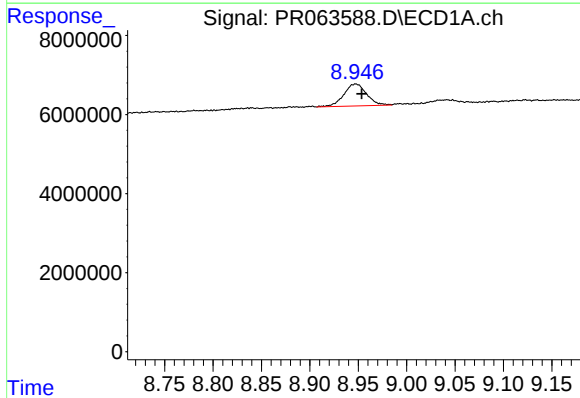
R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 1269503
Conc: 2.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



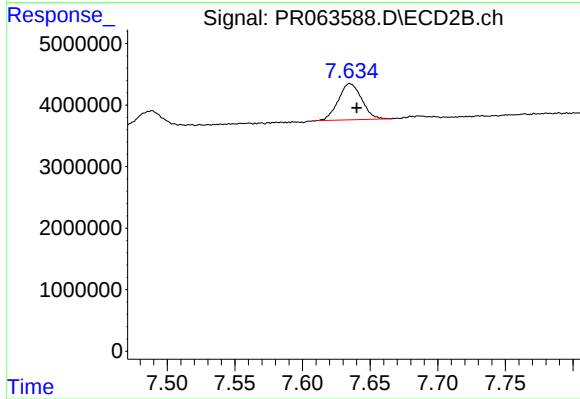
#43 AR-1268-3

R.T.: 7.316 min
Delta R.T.: -0.005 min
Response: 651517
Conc: 1.57 ng/ml



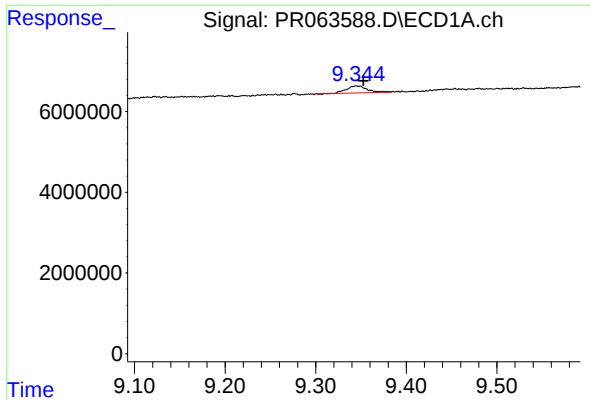
#44 AR-1268-4

R.T.: 8.947 min
Delta R.T.: -0.006 min
Response: 9163518
Conc: 45.79 ng/ml



#44 AR-1268-4

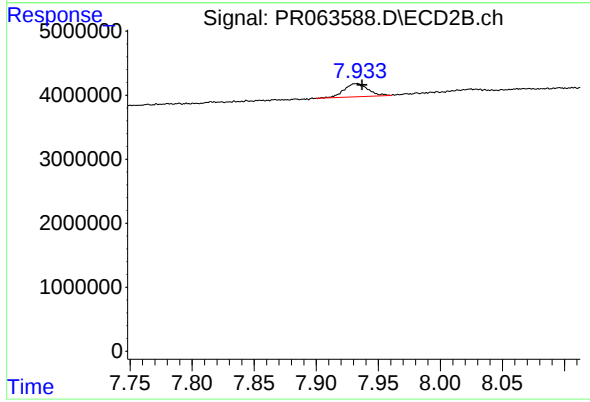
R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 7099739
Conc: 41.90 ng/ml



#45 AR-1268-5

R.T.: 9.345 min
Delta R.T.: -0.008 min
Response: 2773047
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.932 min
Delta R.T.: -0.005 min
Response: 2741469
Conc: 2.04 ng/ml