

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091922\
 Data File : PR056828.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2022 22:38
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 03:00:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 07 09:20:17 2022
 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...	3.622	2.893	257.5E6	89363827	53.587	50.985
2)	SA Decachlor...	9.506	8.094	112.3E6	91667563	56.606	55.096
Target Compounds							
3)	L1 AR-1016-1	4.843	3.996	41312040	17048469	329.757	318.150
4)	L1 AR-1016-2	4.866	4.013	49030785	19053580	269.689	237.101
5)	L1 AR-1016-3	4.929	4.190	23355494	13566222	218.926	312.643 #
6)	L1 AR-1016-4	5.031	4.241	25703342	23569815	296.965	743.602 #
7)	L1 AR-1016-5	5.347	4.455	57248525	28949814	754.671	685.880
8)	L2 AR-1221-1	3.842	3.113	615404	264230	11.421	13.213
9)	L2 AR-1221-2	3.933	3.193	3789020	1347411	96.691	89.191
10)	L2 AR-1221-3	4.010	3.275	4176319	1550117	35.122	33.279
11)	L3 AR-1232-1	4.010	3.275	4176319	1550117	43.418	41.091
12)	L3 AR-1232-2	4.558	4.013	19280724	19053580	438.183	542.496
13)	L3 AR-1232-3	4.866	4.190	49030785	13566222	610.594	742.652
14)	L3 AR-1232-4	5.031	4.282	25703342	22006549	684.152	1469.359 #
15)	L3 AR-1232-5	5.135	4.455	50224128	28949814	1960.663	1661.004
16)	L4 AR-1242-1	4.843	3.996	41312040	17048469	394.548	379.791
17)	L4 AR-1242-2	4.866	4.013	49030785	19053580	322.562	288.577
18)	L4 AR-1242-3	4.929	4.190	23355494	13566222	260.329	374.511 #
19)	L4 AR-1242-4	5.031	4.282	25703342	22006549	354.252	680.389 #
20)	L4 AR-1242-5	5.819	4.822	57602342	43455727	864.190	1038.472
21)	L5 AR-1248-1	4.843	3.996	41312040	17048469	511.303	488.816
22)	L5 AR-1248-2	5.135	4.241	50224128	23569815	523.751	499.955
23)	L5 AR-1248-3	5.347	4.282	57248525	22006549	536.191	454.535
24)	L5 AR-1248-4	5.779	4.455	53349138	28949814	483.559	492.270
25)	L5 AR-1248-5	5.819	4.863	57602342	33552684	524.157	552.885
26)	L6 AR-1254-1	5.749	4.822	49311261	43455727	464.873	494.139
27)	L6 AR-1254-2	5.987	4.979	57059078	15614982	365.387	203.499 #
28)	L6 AR-1254-3	6.378	5.396	31682253	20655999	207.137	163.292
29)	L6 AR-1254-4	6.691	5.641	18731529	13050170	161.076	164.172
30)	L6 AR-1254-5	7.145	6.083	4832836	3877635	41.191	35.077
31)	L7 AR-1260-1	6.557	5.543	2993458	7720214	26.936	94.128 #
32)	L7 AR-1260-2	6.840	5.739	2918905	1569150	21.953	15.404 #
33)	L7 AR-1260-3	7.206f	5.892	871684	2575512	8.884	27.210 #
34)	L7 AR-1260-4	7.454f	6.394	2147790	326573	19.826	4.070 #
35)	L7 AR-1260-5	7.811	6.662	906939	668870	4.325	3.498
36)	L8 AR-1262-1	7.206f	6.152f	871684	424022	6.546	3.949 #
37)	L8 AR-1262-2	7.811	6.394	906939	326573	3.991	3.298
38)	L8 AR-1262-3	8.125	6.966	540708	371559	3.458	4.678 #
39)	L8 AR-1262-4	8.197	7.028	475164	841380	6.904	5.462
40)	L8 AR-1262-5	0.000	7.568	0	1163015	N.D.	15.996 #
41)	L9 AR-1268-1	8.125	6.966	540708	371559	1.952	1.591

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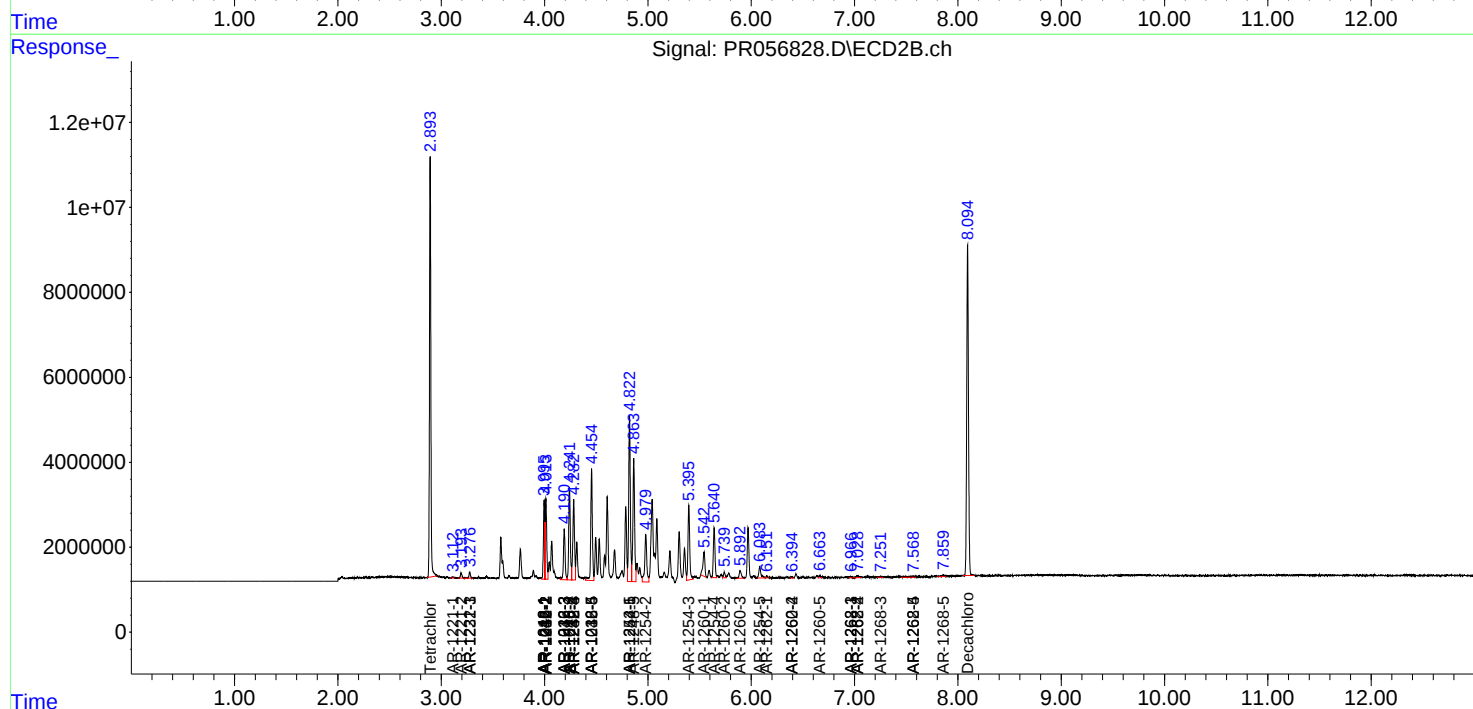
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

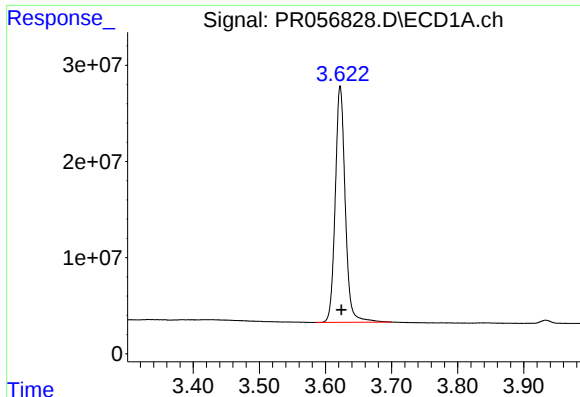
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.197	7.028	475164	841380	1.827	3.827 #
43) L9	AR-1268-3	8.417	7.249	354054	346574	1.605	1.874
44) L9	AR-1268-4	0.000	7.568	0	1163015	N.D.	14.237 #
45) L9	AR-1268-5	9.201	7.858	872467	723426	1.220	1.186

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

Instrument :
ECD_R
ClientSampleId :

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

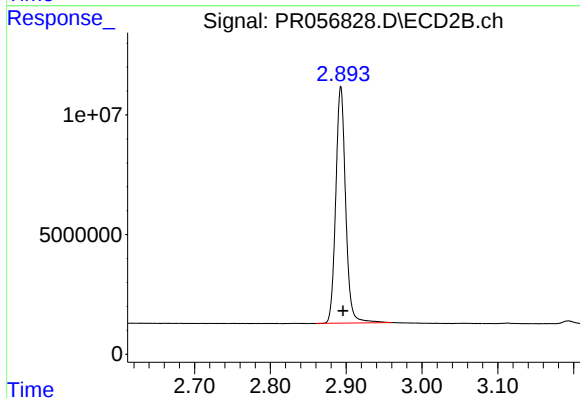




#1 Tetrachloro-m-xylene

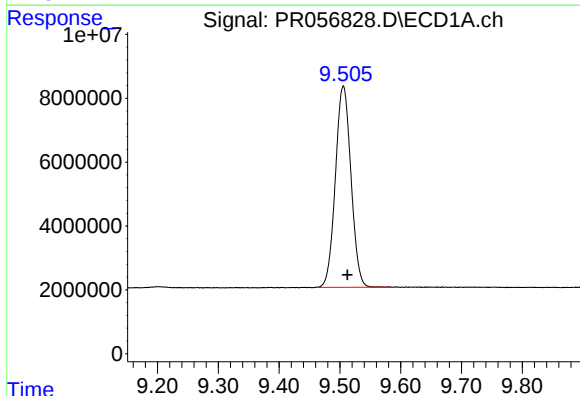
R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 257471442
Conc: 53.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



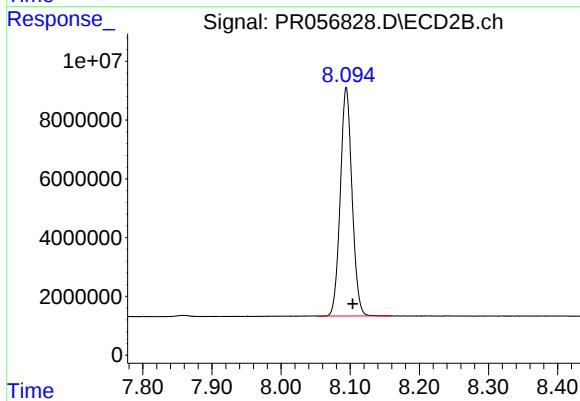
#1 Tetrachloro-m-xylene

R.T.: 2.893 min
Delta R.T.: -0.003 min
Response: 89363827
Conc: 50.98 ng/ml



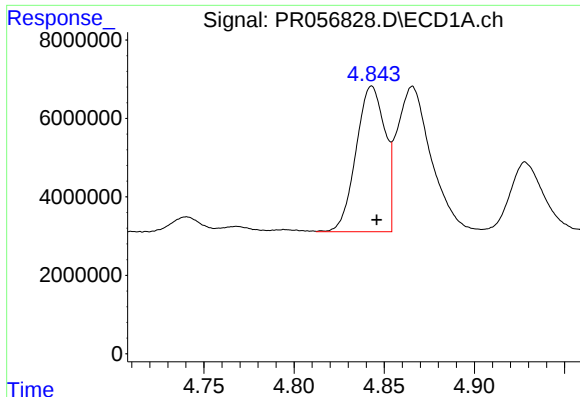
#2 Decachlorobiphenyl

R.T.: 9.506 min
Delta R.T.: -0.007 min
Response: 112326962
Conc: 56.61 ng/ml



#2 Decachlorobiphenyl

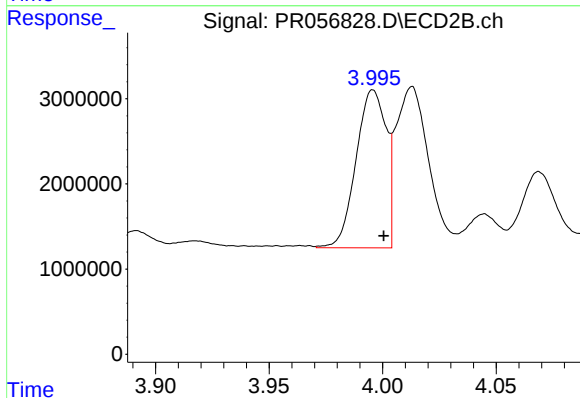
R.T.: 8.094 min
Delta R.T.: -0.009 min
Response: 91667563
Conc: 55.10 ng/ml



#3 AR-1016-1

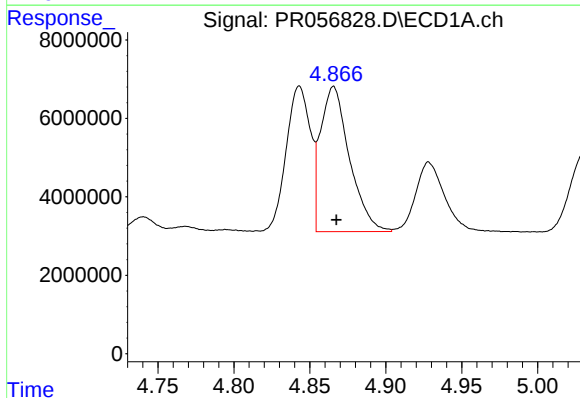
R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 41312040
Conc: 329.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



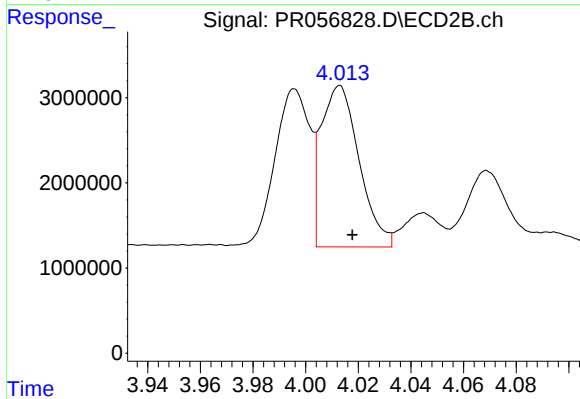
#3 AR-1016-1

R.T.: 3.996 min
Delta R.T.: -0.005 min
Response: 17048469
Conc: 318.15 ng/ml



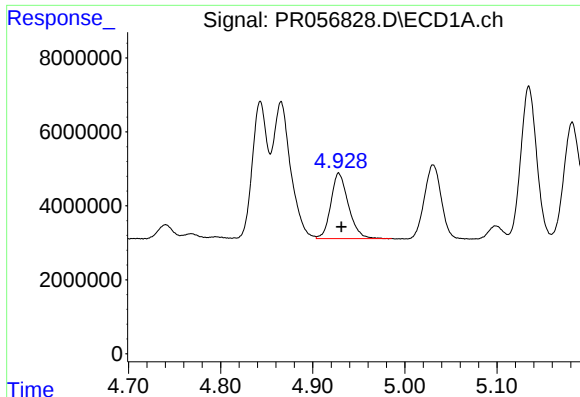
#4 AR-1016-2

R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 49030785
Conc: 269.69 ng/ml



#4 AR-1016-2

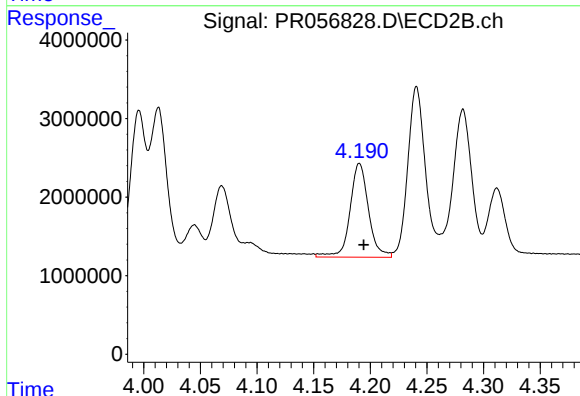
R.T.: 4.013 min
Delta R.T.: -0.005 min
Response: 19053580
Conc: 237.10 ng/ml



#5 AR-1016-3

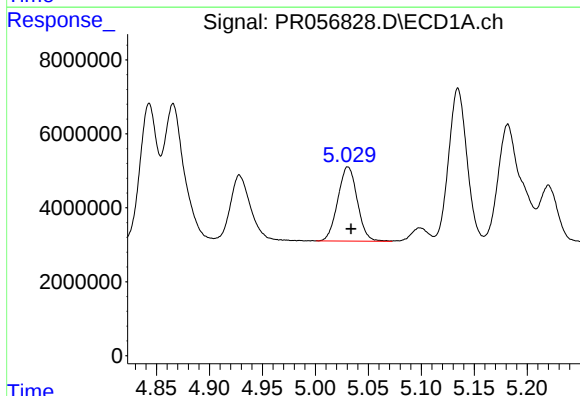
R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 23355494
Conc: 218.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



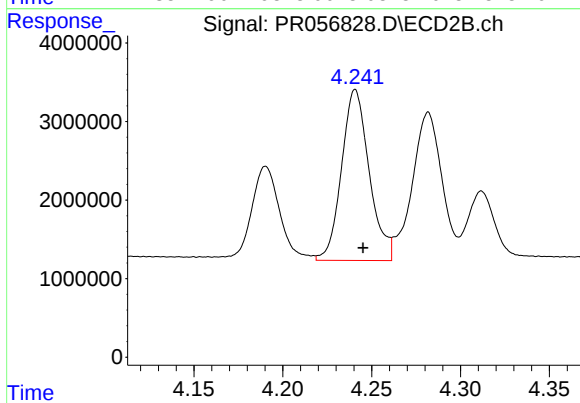
#5 AR-1016-3

R.T.: 4.190 min
Delta R.T.: -0.004 min
Response: 13566222
Conc: 312.64 ng/ml



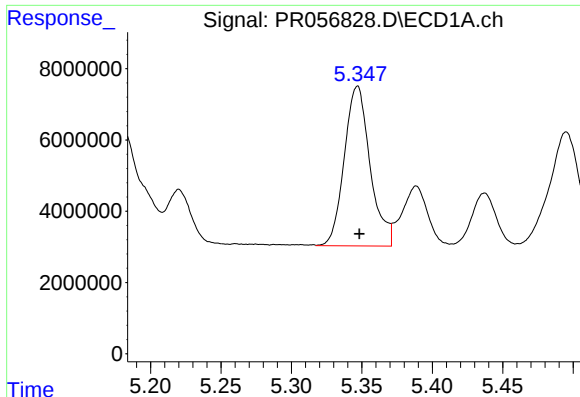
#6 AR-1016-4

R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 25703342
Conc: 296.96 ng/ml



#6 AR-1016-4

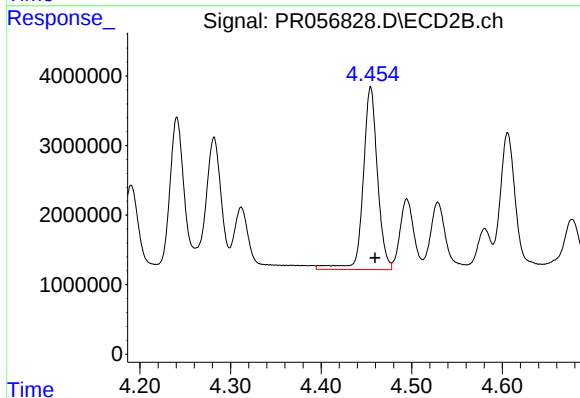
R.T.: 4.241 min
Delta R.T.: -0.004 min
Response: 23569815
Conc: 743.60 ng/ml



#7 AR-1016-5

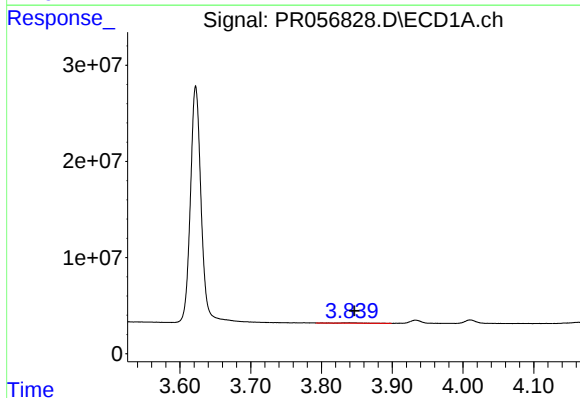
R.T.: 5.347 min
Delta R.T.: -0.001 min
Response: 57248525
Conc: 754.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



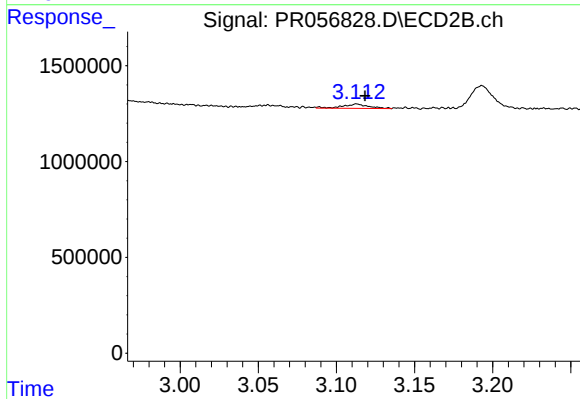
#7 AR-1016-5

R.T.: 4.455 min
Delta R.T.: -0.005 min
Response: 28949814
Conc: 685.88 ng/ml



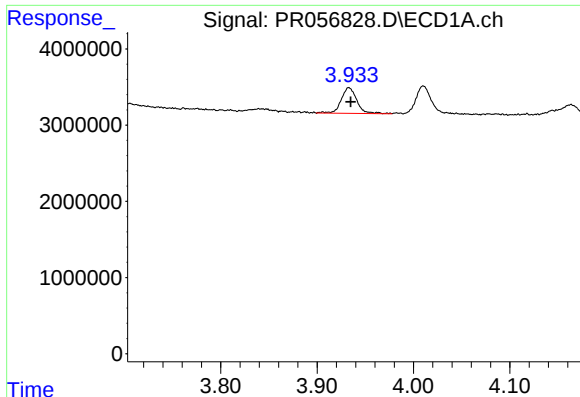
#8 AR-1221-1

R.T.: 3.842 min
Delta R.T.: -0.005 min
Response: 615404
Conc: 11.42 ng/ml



#8 AR-1221-1

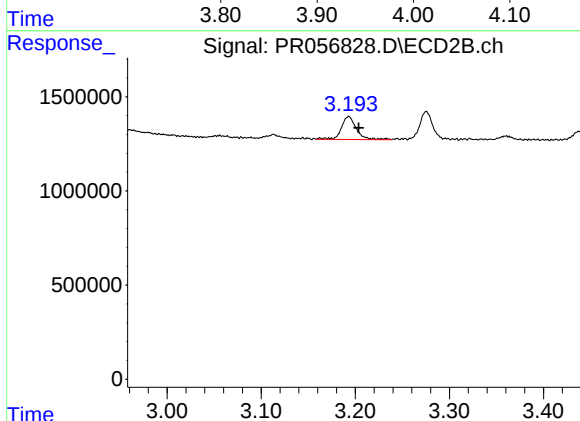
R.T.: 3.113 min
Delta R.T.: -0.005 min
Response: 264230
Conc: 13.21 ng/ml



#9 AR-1221-2

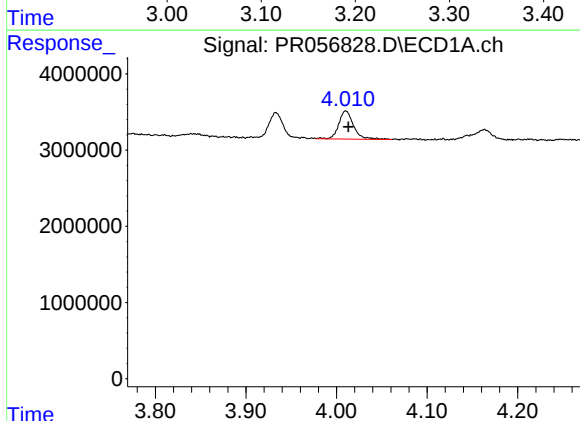
R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 3789020
Conc: 96.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



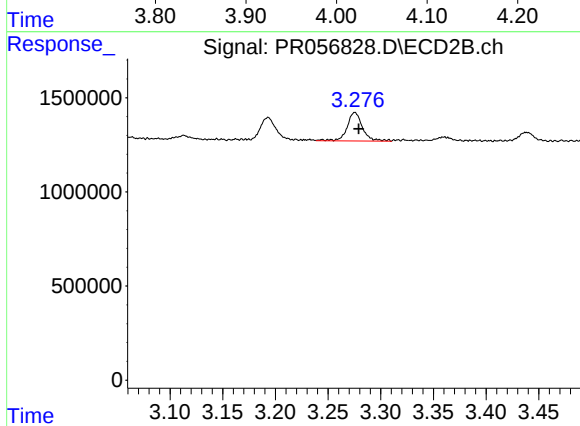
#9 AR-1221-2

R.T.: 3.193 min
Delta R.T.: -0.011 min
Response: 1347411
Conc: 89.19 ng/ml



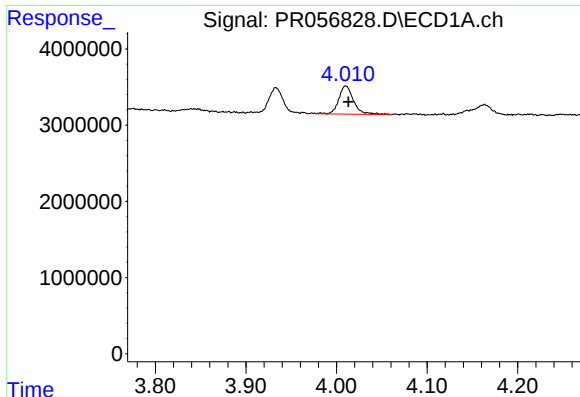
#10 AR-1221-3

R.T.: 4.010 min
Delta R.T.: -0.003 min
Response: 4176319
Conc: 35.12 ng/ml



#10 AR-1221-3

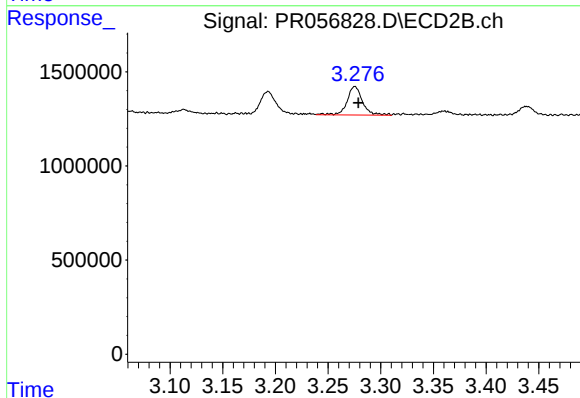
R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 1550117
Conc: 33.28 ng/ml



#11 AR-1232-1

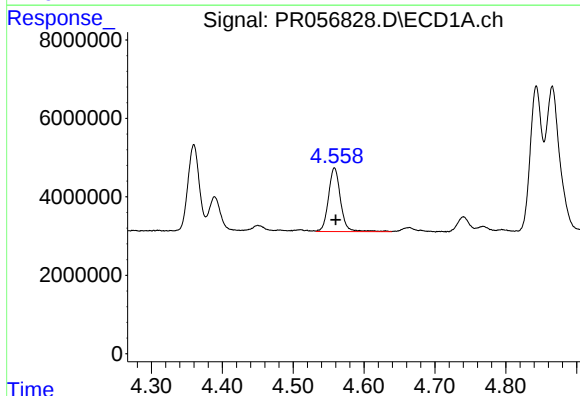
R.T.: 4.010 min
Delta R.T.: -0.003 min
Response: 4176319
Conc: 43.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



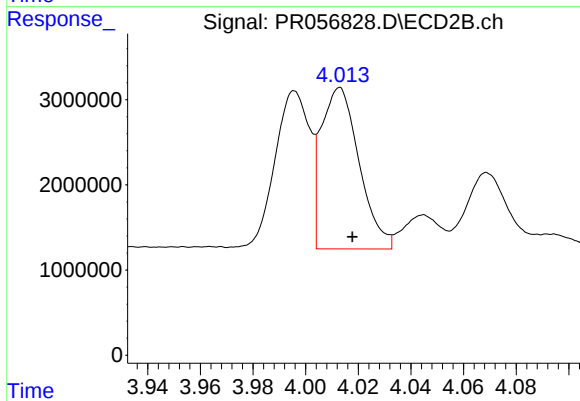
#11 AR-1232-1

R.T.: 3.275 min
Delta R.T.: -0.003 min
Response: 1550117
Conc: 41.09 ng/ml



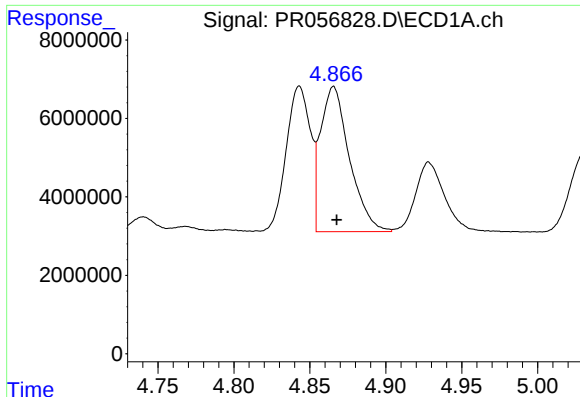
#12 AR-1232-2

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 19280724
Conc: 438.18 ng/ml



#12 AR-1232-2

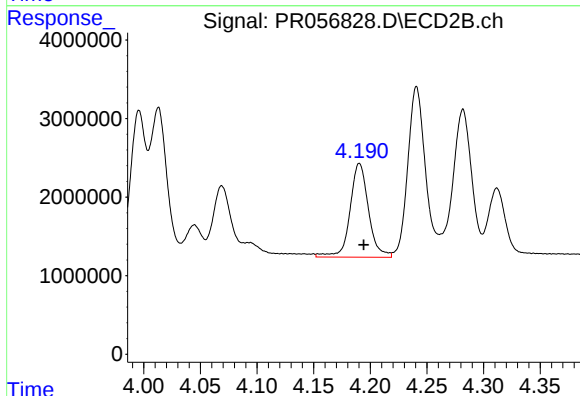
R.T.: 4.013 min
Delta R.T.: -0.005 min
Response: 19053580
Conc: 542.50 ng/ml



#13 AR-1232-3

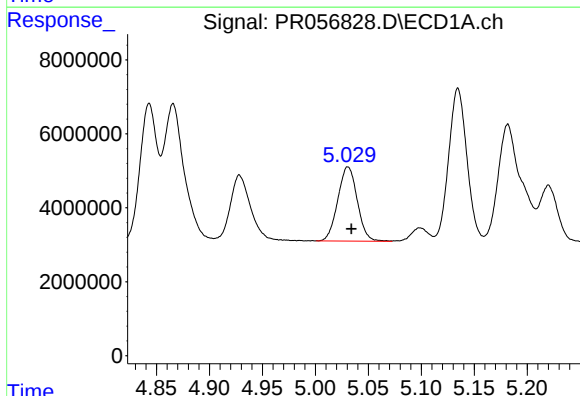
R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 49030785
Conc: 610.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



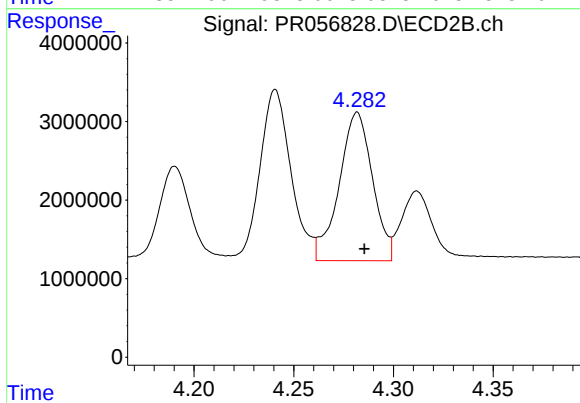
#13 AR-1232-3

R.T.: 4.190 min
Delta R.T.: -0.004 min
Response: 13566222
Conc: 742.65 ng/ml



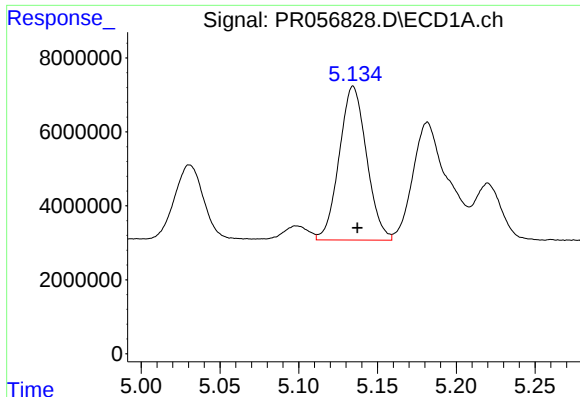
#14 AR-1232-4

R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 25703342
Conc: 684.15 ng/ml



#14 AR-1232-4

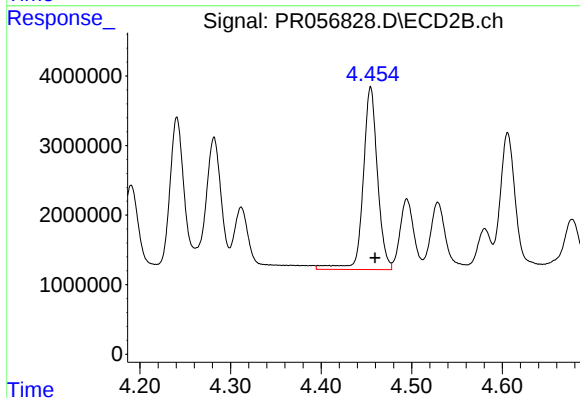
R.T.: 4.282 min
Delta R.T.: -0.004 min
Response: 22006549
Conc: 1469.36 ng/ml



#15 AR-1232-5

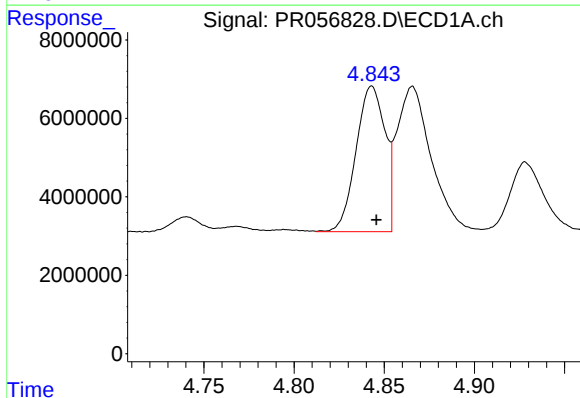
R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 50224128
Conc: 1960.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



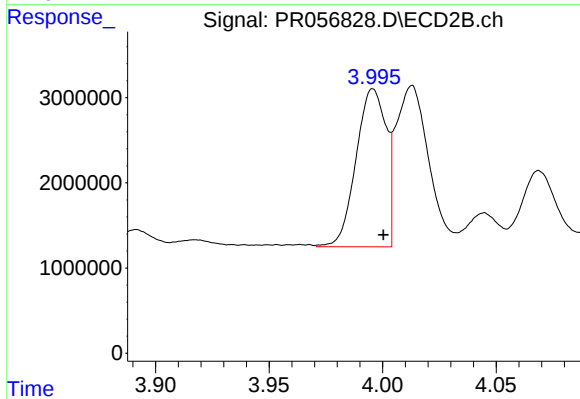
#15 AR-1232-5

R.T.: 4.455 min
Delta R.T.: -0.005 min
Response: 28949814
Conc: 1661.00 ng/ml



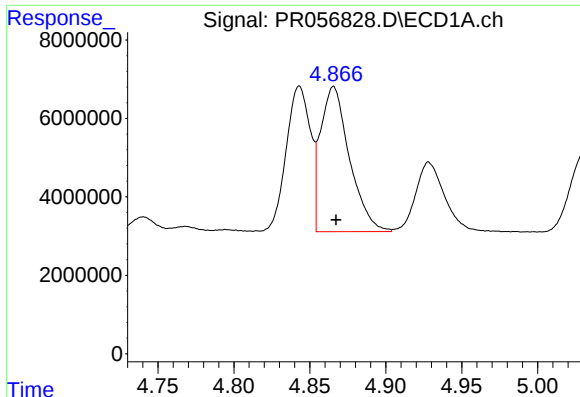
#16 AR-1242-1

R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 41312040
Conc: 394.55 ng/ml



#16 AR-1242-1

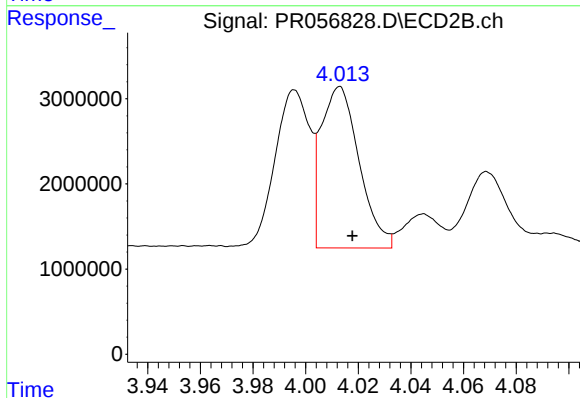
R.T.: 3.996 min
Delta R.T.: -0.005 min
Response: 17048469
Conc: 379.79 ng/ml



#17 AR-1242-2

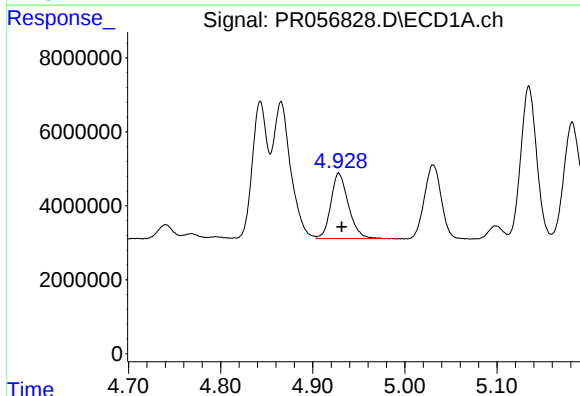
R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 49030785
Conc: 322.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



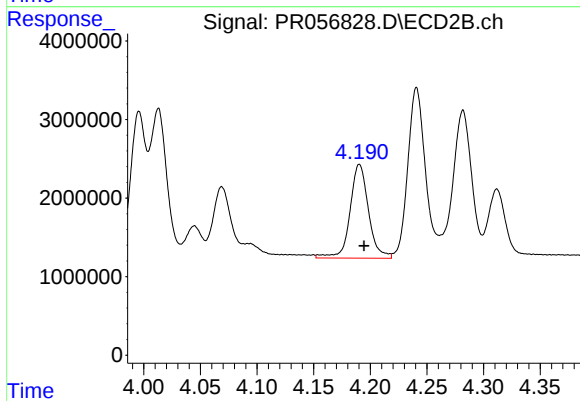
#17 AR-1242-2

R.T.: 4.013 min
Delta R.T.: -0.005 min
Response: 19053580
Conc: 288.58 ng/ml



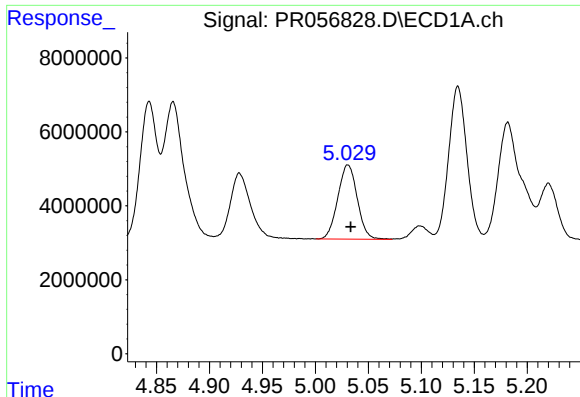
#18 AR-1242-3

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 23355494
Conc: 260.33 ng/ml



#18 AR-1242-3

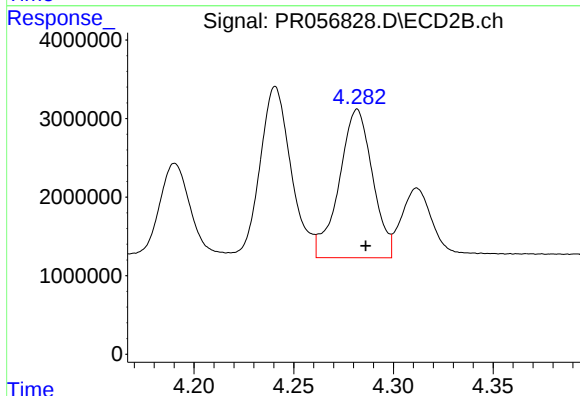
R.T.: 4.190 min
Delta R.T.: -0.004 min
Response: 13566222
Conc: 374.51 ng/ml



#19 AR-1242-4

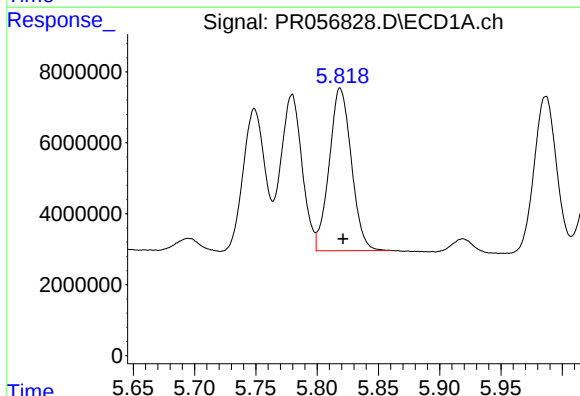
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 25703342
Conc: 354.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



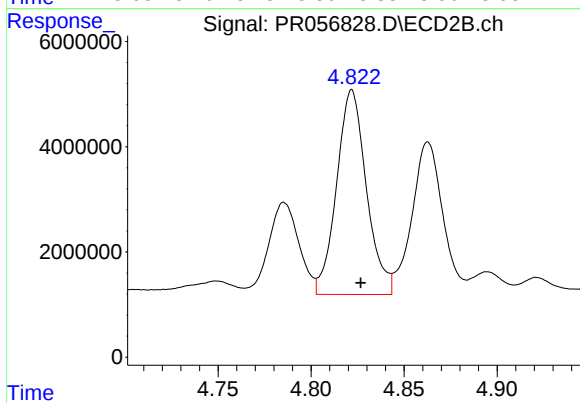
#19 AR-1242-4

R.T.: 4.282 min
Delta R.T.: -0.004 min
Response: 22006549
Conc: 680.39 ng/ml



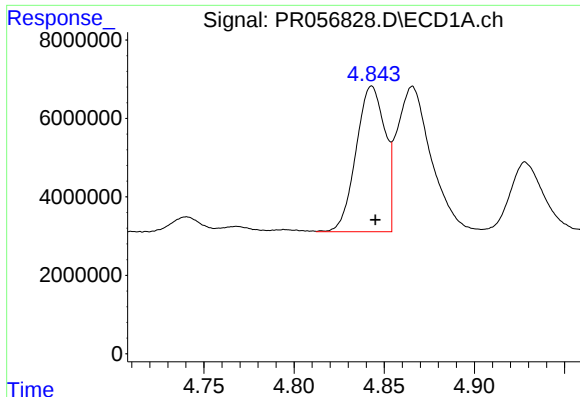
#20 AR-1242-5

R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 57602342
Conc: 864.19 ng/ml



#20 AR-1242-5

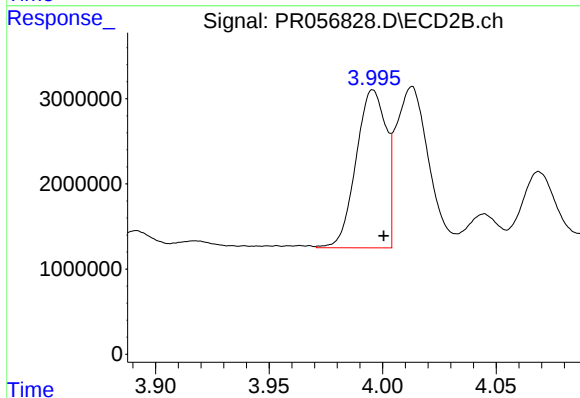
R.T.: 4.822 min
Delta R.T.: -0.005 min
Response: 43455727
Conc: 1038.47 ng/ml



#21 AR-1248-1

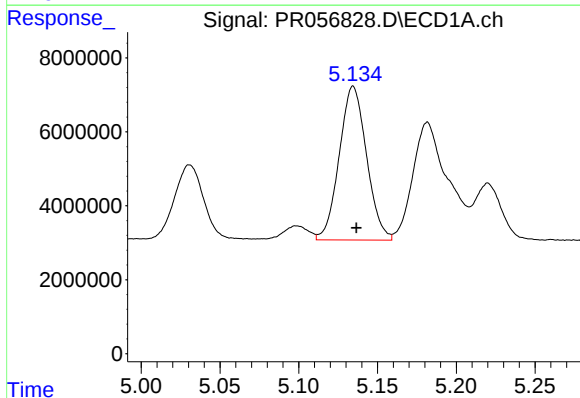
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 41312040
Conc: 511.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



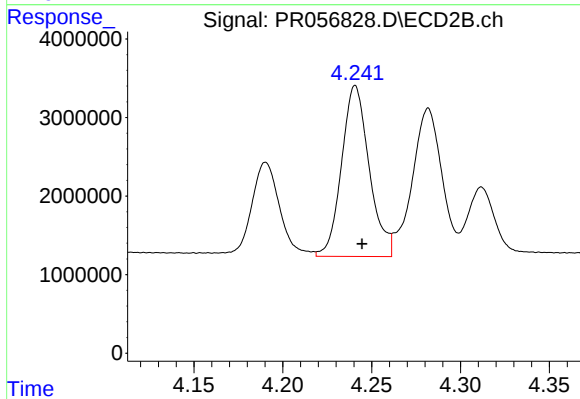
#21 AR-1248-1

R.T.: 3.996 min
Delta R.T.: -0.005 min
Response: 17048469
Conc: 488.82 ng/ml



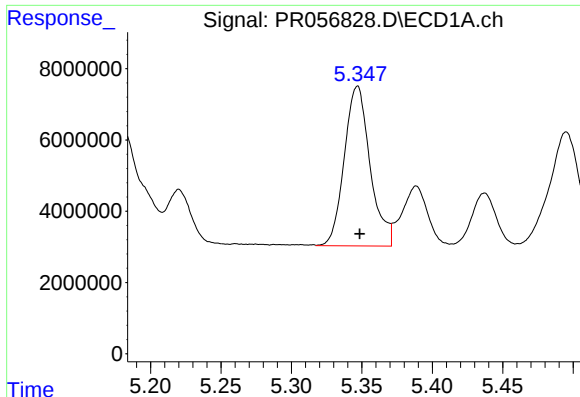
#22 AR-1248-2

R.T.: 5.135 min
Delta R.T.: -0.002 min
Response: 50224128
Conc: 523.75 ng/ml



#22 AR-1248-2

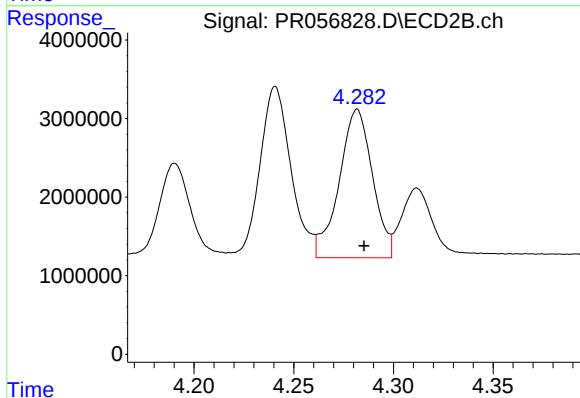
R.T.: 4.241 min
Delta R.T.: -0.004 min
Response: 23569815
Conc: 499.95 ng/ml



#23 AR-1248-3

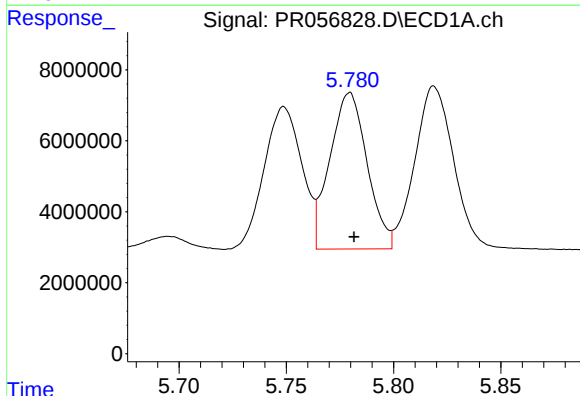
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 57248525
Conc: 536.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



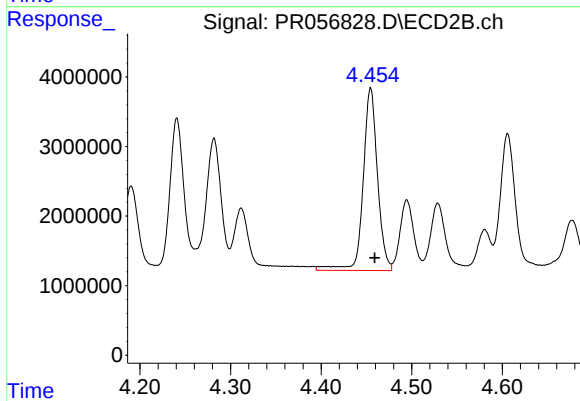
#23 AR-1248-3

R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 22006549
Conc: 454.53 ng/ml



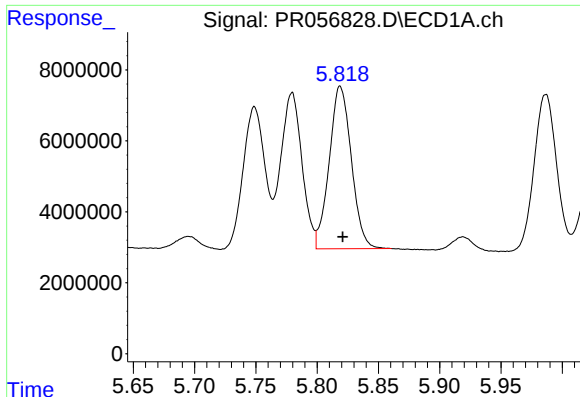
#24 AR-1248-4

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 53349138
Conc: 483.56 ng/ml



#24 AR-1248-4

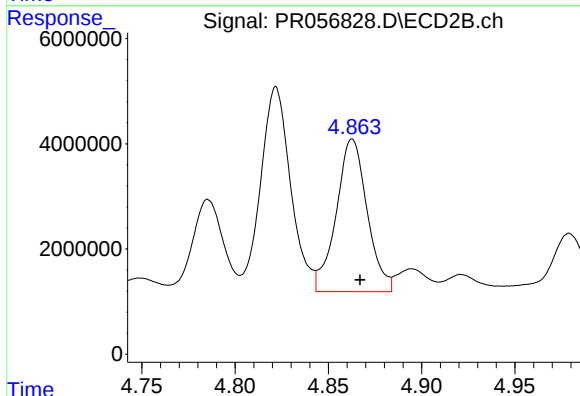
R.T.: 4.455 min
Delta R.T.: -0.004 min
Response: 28949814
Conc: 492.27 ng/ml



#25 AR-1248-5

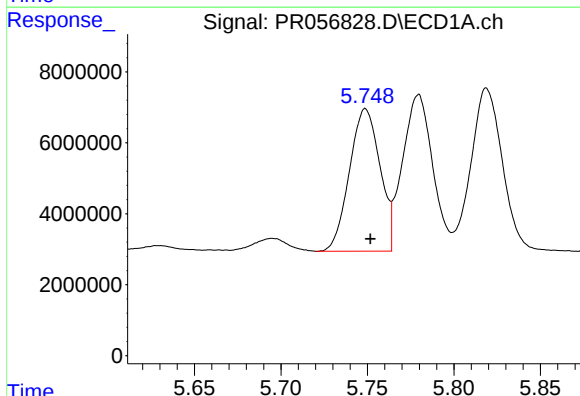
R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 57602342
Conc: 524.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



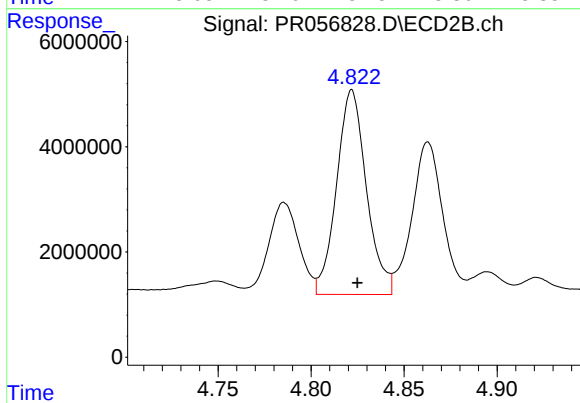
#25 AR-1248-5

R.T.: 4.863 min
Delta R.T.: -0.004 min
Response: 33552684
Conc: 552.89 ng/ml



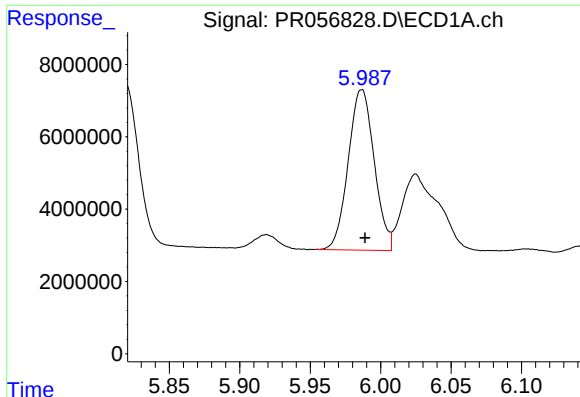
#26 AR-1254-1

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 49311261
Conc: 464.87 ng/ml



#26 AR-1254-1

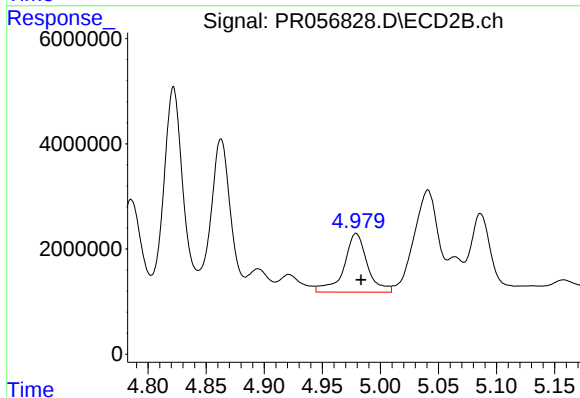
R.T.: 4.822 min
Delta R.T.: -0.003 min
Response: 43455727
Conc: 494.14 ng/ml



#27 AR-1254-2

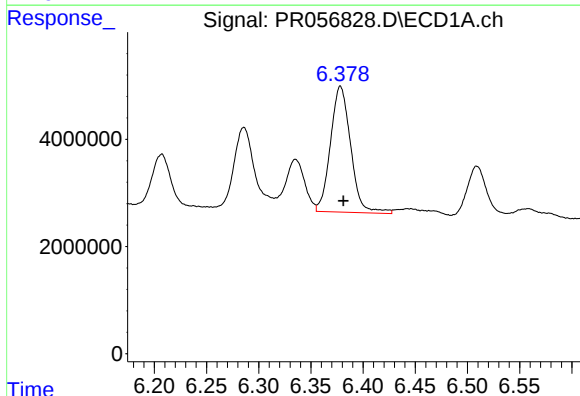
R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 57059078
Conc: 365.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



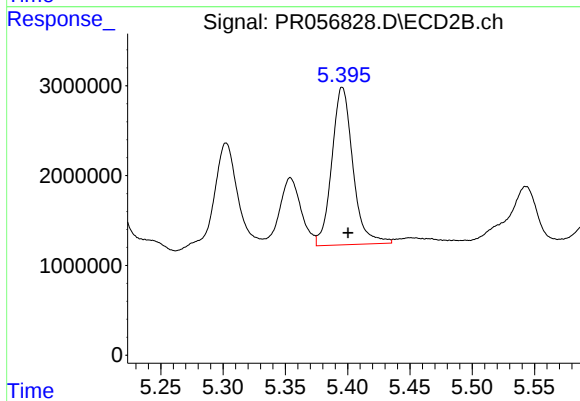
#27 AR-1254-2

R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 15614982
Conc: 203.50 ng/ml



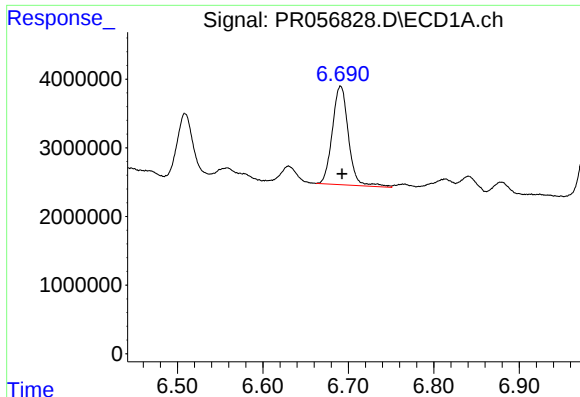
#28 AR-1254-3

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 31682253
Conc: 207.14 ng/ml



#28 AR-1254-3

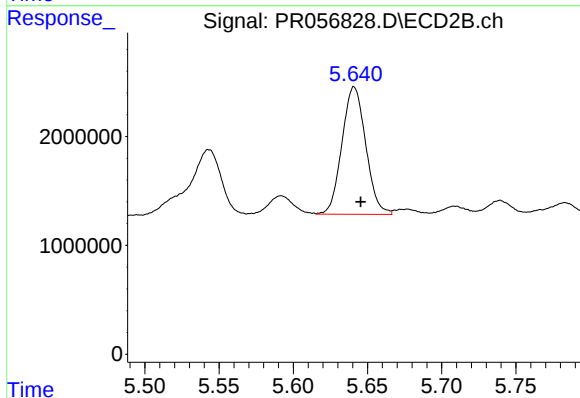
R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 20655999
Conc: 163.29 ng/ml



#29 AR-1254-4

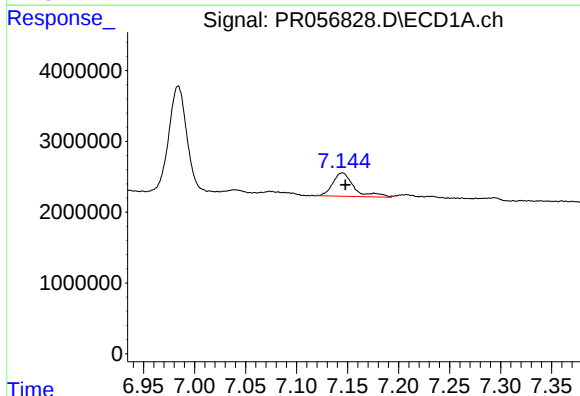
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 18731529
Conc: 161.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



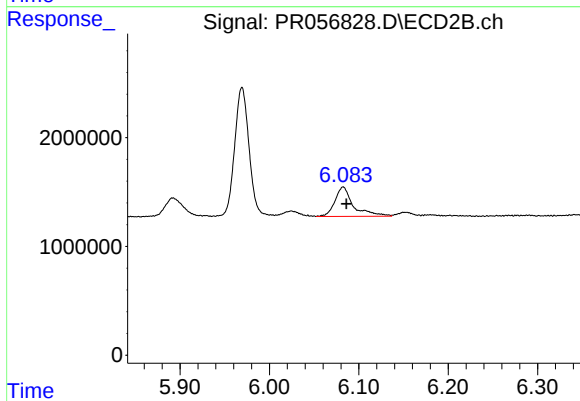
#29 AR-1254-4

R.T.: 5.641 min
Delta R.T.: -0.004 min
Response: 13050170
Conc: 164.17 ng/ml



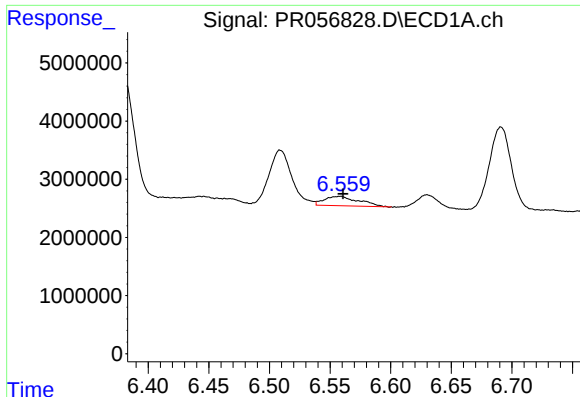
#30 AR-1254-5

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 4832836
Conc: 41.19 ng/ml



#30 AR-1254-5

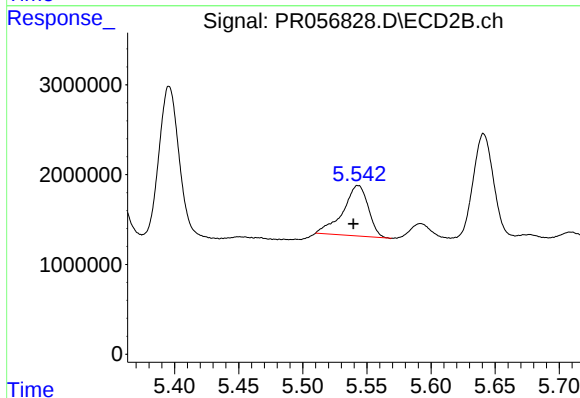
R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 3877635
Conc: 35.08 ng/ml



#31 AR-1260-1

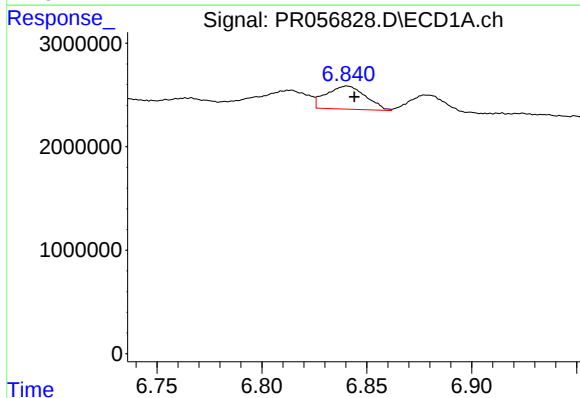
R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 2993458
Conc: 26.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



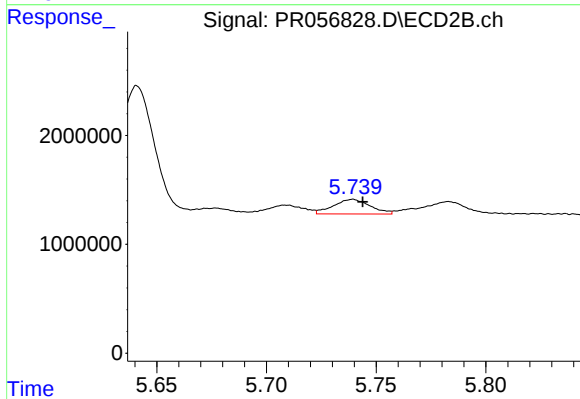
#31 AR-1260-1

R.T.: 5.543 min
Delta R.T.: 0.004 min
Response: 7720214
Conc: 94.13 ng/ml



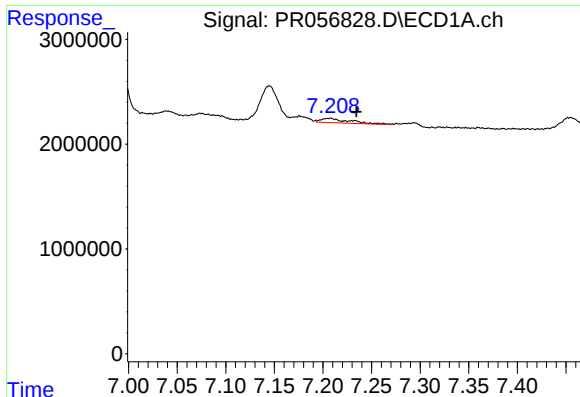
#32 AR-1260-2

R.T.: 6.840 min
Delta R.T.: -0.004 min
Response: 2918905
Conc: 21.95 ng/ml



#32 AR-1260-2

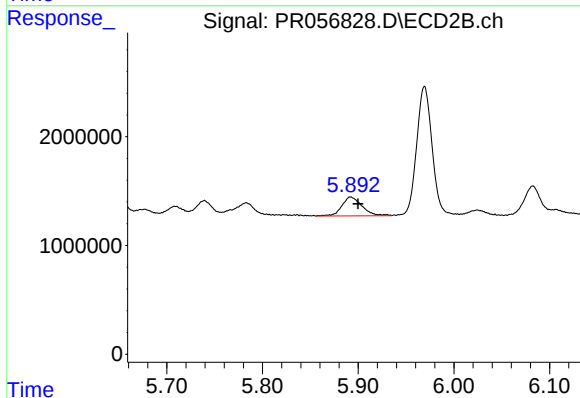
R.T.: 5.739 min
Delta R.T.: -0.005 min
Response: 1569150
Conc: 15.40 ng/ml



#33 AR-1260-3

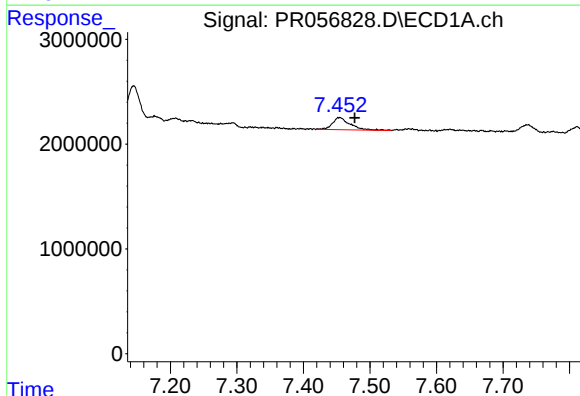
R.T.: 7.206 min
Delta R.T.: -0.028 min
Response: 871684
Conc: 8.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



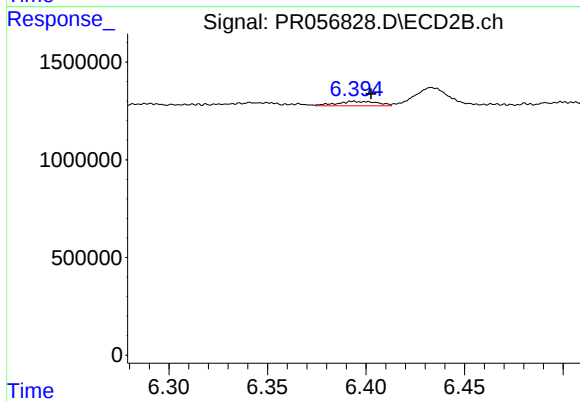
#33 AR-1260-3

R.T.: 5.892 min
Delta R.T.: -0.008 min
Response: 2575512
Conc: 27.21 ng/ml



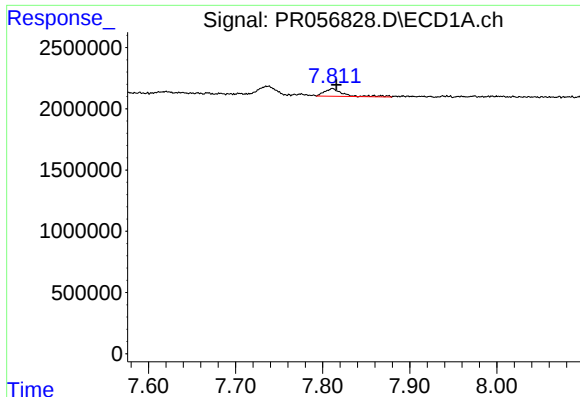
#34 AR-1260-4

R.T.: 7.454 min
Delta R.T.: -0.023 min
Response: 2147790
Conc: 19.83 ng/ml



#34 AR-1260-4

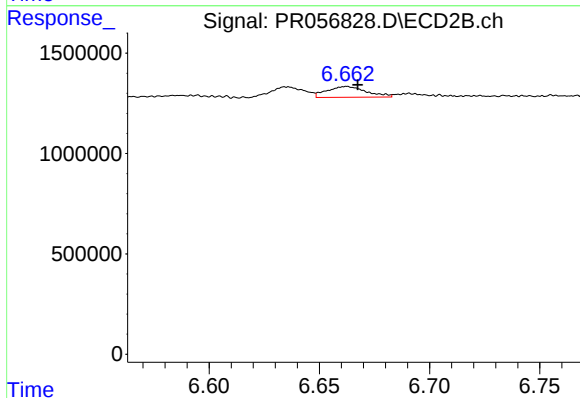
R.T.: 6.394 min
Delta R.T.: -0.009 min
Response: 326573
Conc: 4.07 ng/ml



#35 AR-1260-5

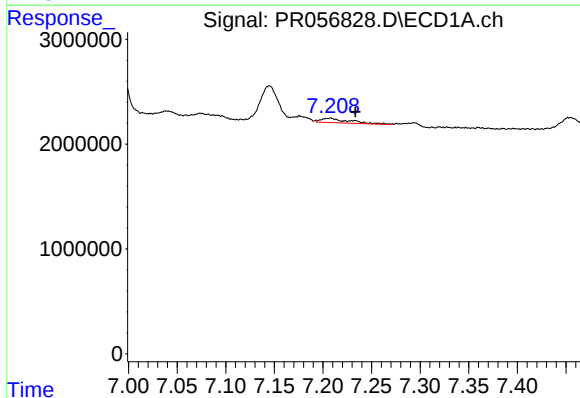
R.T.: 7.811 min
Delta R.T.: -0.005 min
Response: 906939
Conc: 4.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



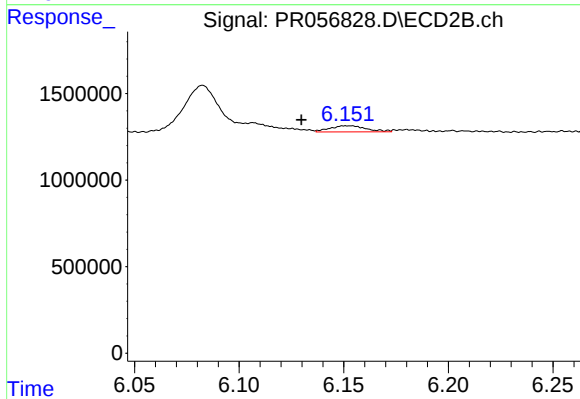
#35 AR-1260-5

R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 668870
Conc: 3.50 ng/ml



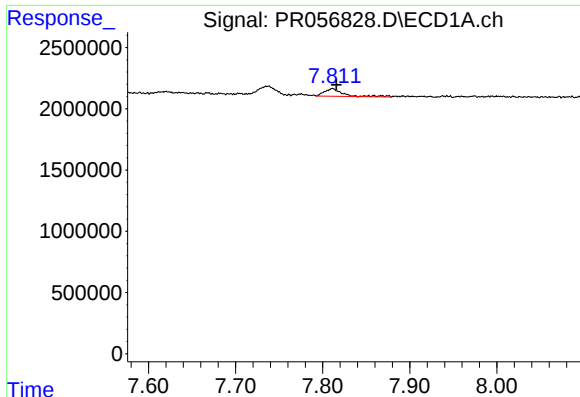
#36 AR-1262-1

R.T.: 7.206 min
Delta R.T.: -0.027 min
Response: 871684
Conc: 6.55 ng/ml



#36 AR-1262-1

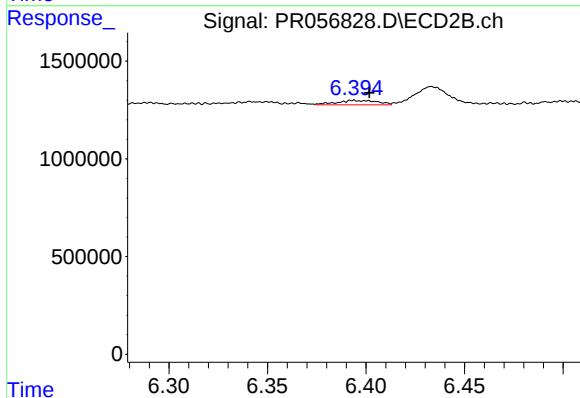
R.T.: 6.152 min
Delta R.T.: 0.022 min
Response: 424022
Conc: 3.95 ng/ml



#37 AR-1262-2

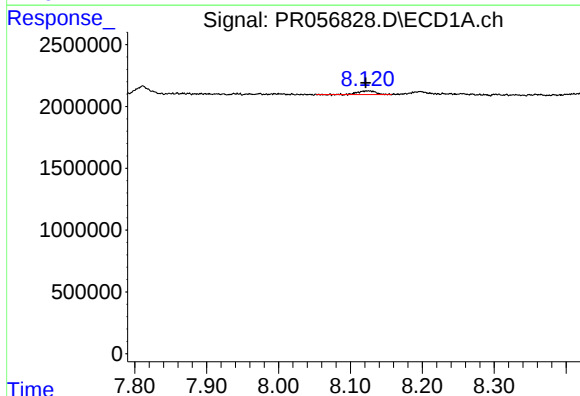
R.T.: 7.811 min
Delta R.T.: -0.005 min
Response: 906939
Conc: 3.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



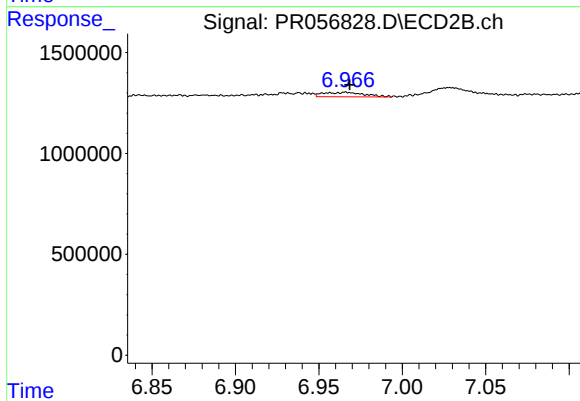
#37 AR-1262-2

R.T.: 6.394 min
Delta R.T.: -0.008 min
Response: 326573
Conc: 3.30 ng/ml



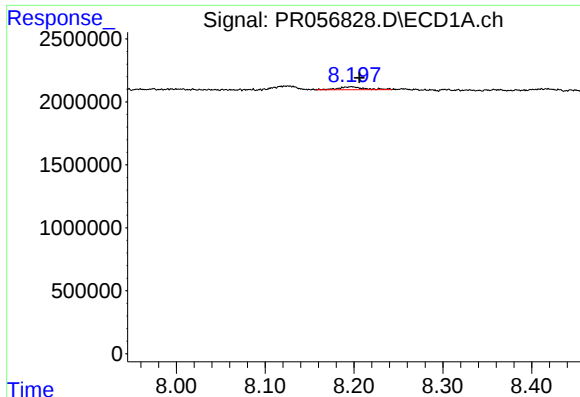
#38 AR-1262-3

R.T.: 8.125 min
Delta R.T.: 0.003 min
Response: 540708
Conc: 3.46 ng/ml



#38 AR-1262-3

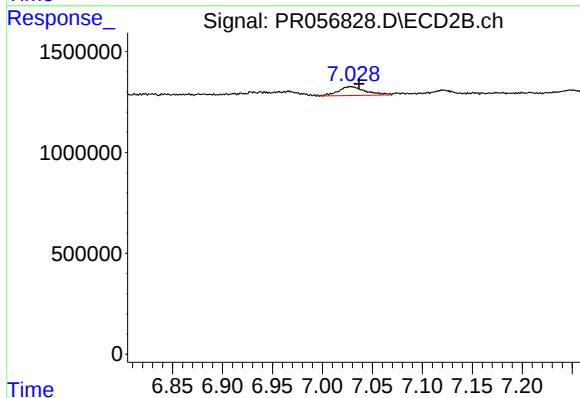
R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 371559
Conc: 4.68 ng/ml



#39 AR-1262-4

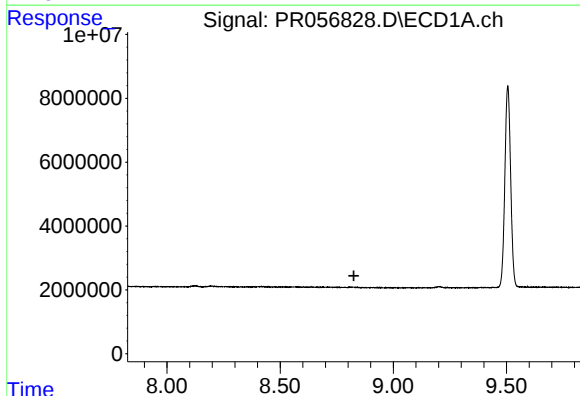
R.T.: 8.197 min
Delta R.T.: -0.009 min
Response: 475164
Conc: 6.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



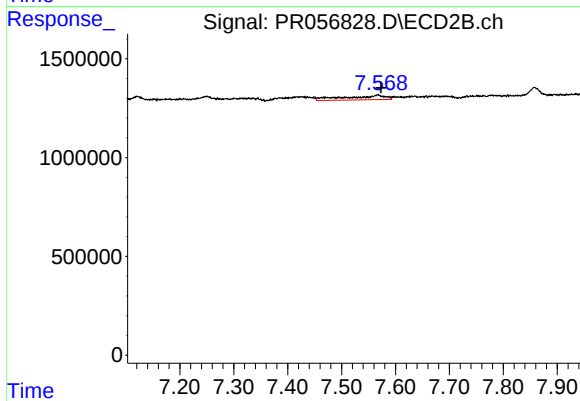
#39 AR-1262-4

R.T.: 7.028 min
Delta R.T.: -0.008 min
Response: 841380
Conc: 5.46 ng/ml



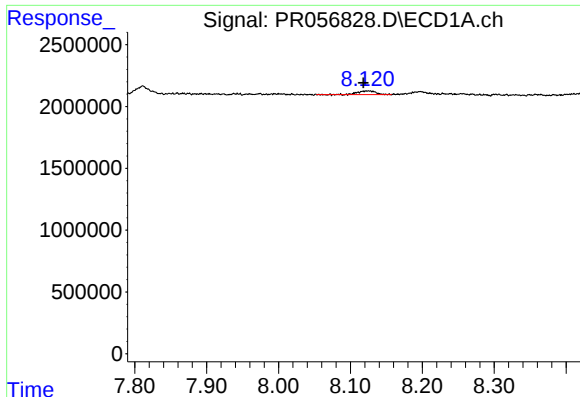
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.826 min
Response: 0
Conc: N.D.



#40 AR-1262-5

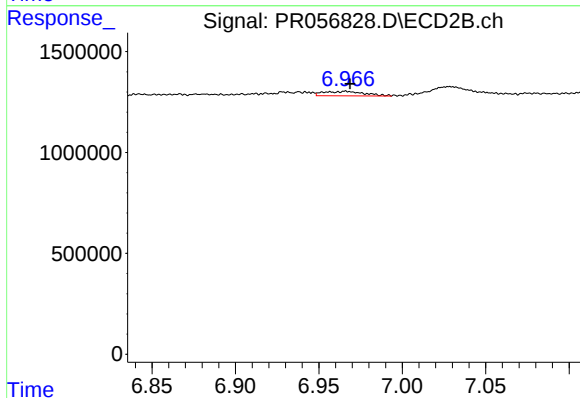
R.T.: 7.568 min
Delta R.T.: -0.006 min
Response: 1163015
Conc: 16.00 ng/ml



#41 AR-1268-1

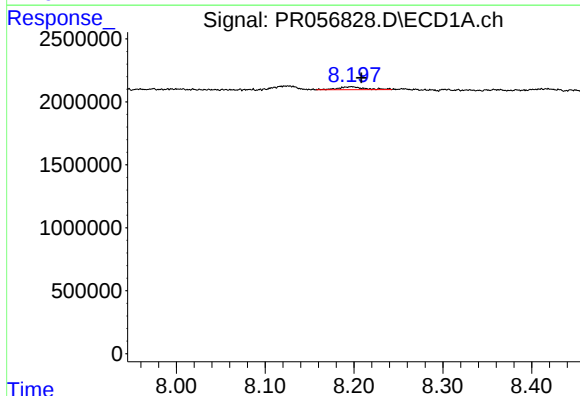
R.T.: 8.125 min
Delta R.T.: 0.007 min
Response: 540708
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



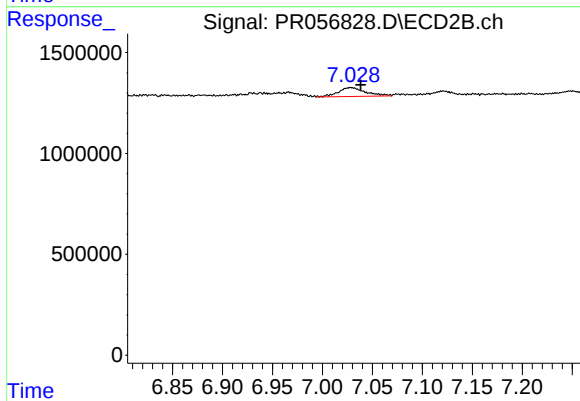
#41 AR-1268-1

R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 371559
Conc: 1.59 ng/ml



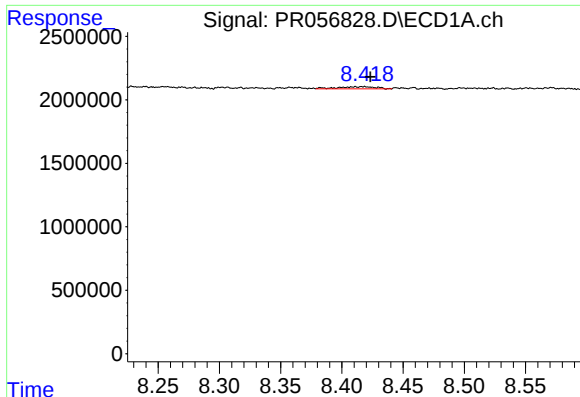
#42 AR-1268-2

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 475164
Conc: 1.83 ng/ml



#42 AR-1268-2

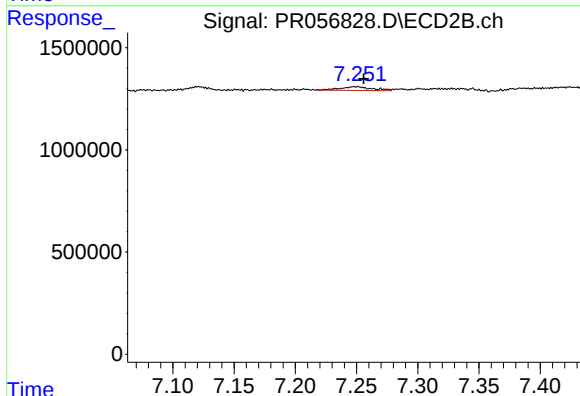
R.T.: 7.028 min
Delta R.T.: -0.010 min
Response: 841380
Conc: 3.83 ng/ml



#43 AR-1268-3

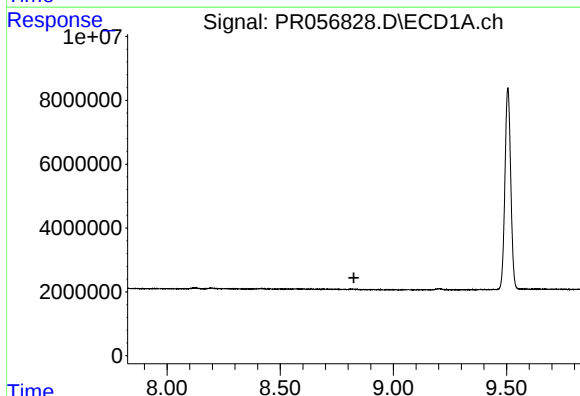
R.T.: 8.417 min
Delta R.T.: -0.007 min
Response: 354054
Conc: 1.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



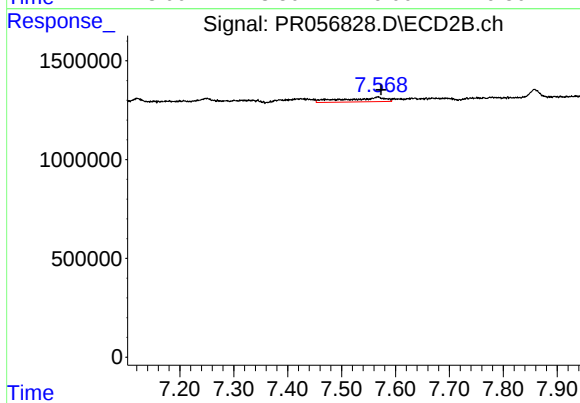
#43 AR-1268-3

R.T.: 7.249 min
Delta R.T.: -0.007 min
Response: 346574
Conc: 1.87 ng/ml



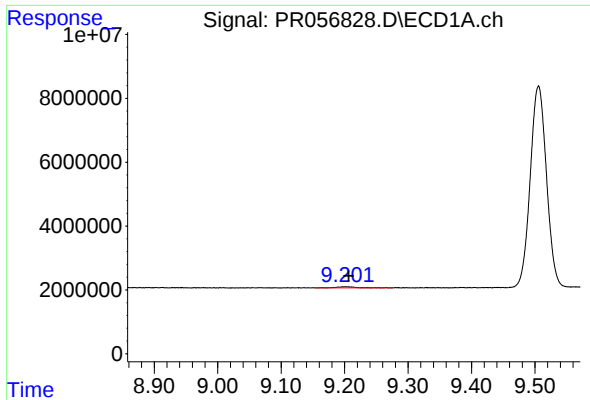
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.826 min
Response: 0
Conc: N.D.



#44 AR-1268-4

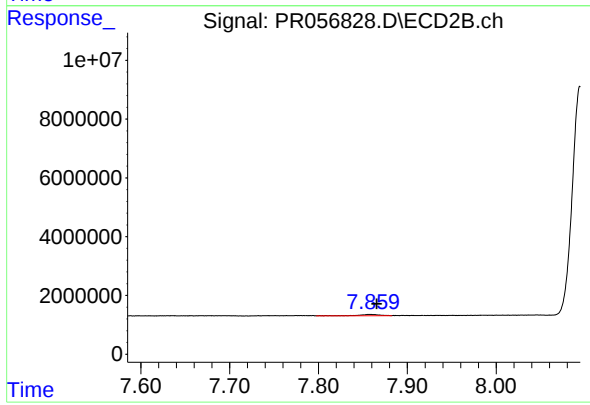
R.T.: 7.568 min
Delta R.T.: -0.006 min
Response: 1163015
Conc: 14.24 ng/ml



#45 AR-1268-5

R.T.: 9.201 min
Delta R.T.: -0.006 min
Response: 872467
Conc: 1.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.858 min
Delta R.T.: -0.008 min
Response: 723426
Conc: 1.19 ng/ml