

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030123\
 Data File : PR059901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 20:25
 Operator : YP\AJ
 Sample : 01694-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:52:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 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...	3.688	2.905	32028247	43816619	9.507	9.663
2)	SA Decachlor...	9.661	8.137	32740563	46592549	13.893	12.891
Target Compounds							
3)	L1 AR-1016-1	4.913	4.009	47720593	81041892	507.940	590.391
4)	L1 AR-1016-2	4.952	4.009	6257168	81041892	46.385	396.584 #
5)	L1 AR-1016-3	5.038	4.204	782425	2093312	8.969	19.921 #
6)	L1 AR-1016-4	5.088	4.262	153.3E6	32869600	2210.623	382.777 #
7)	L1 AR-1016-5	5.478f	4.479	81071139	113.8E6	1201.399	1017.338
8)	L2 AR-1221-1	3.919	3.122	1486357	686076	36.848	14.065 #
9)	L2 AR-1221-2	4.004	3.206	1729103	1402386	60.778	40.633 #
10)	L2 AR-1221-3	4.099	3.290	452093	691976	5.117	5.969
11)	L3 AR-1232-1	4.099	3.290	452093	691976	6.033	7.177
12)	L3 AR-1232-2	4.626	4.009	908071	81041892	27.005	909.501 #
13)	L3 AR-1232-3	4.952	4.204	6257168	2093312	101.488	46.787 #
14)	L3 AR-1232-4	5.088	4.311	153.3E6	1656329	4969.957	40.051 #
15)	L3 AR-1232-5	5.199	4.479	5239412	113.8E6	225.029	2449.445 #
16)	L4 AR-1242-1	4.913	4.009	47720593	81041892	607.310	710.052
17)	L4 AR-1242-2	4.952	4.009	6257168	81041892	55.802	484.374 #
18)	L4 AR-1242-3	5.038	4.204	782425	2093312	10.771	24.199 #
19)	L4 AR-1242-4	5.088	4.311	153.3E6	1656329	2663.180	19.325 #
20)	L4 AR-1242-5	5.934	4.832	20181907	365.0E6	373.476	3534.137 #
21)	L5 AR-1248-1	4.913	4.009	47720593	81041892	787.487	931.092
22)	L5 AR-1248-2	5.199	4.262	5239412	32869600	64.528	254.629 #
23)	L5 AR-1248-3	5.478f	4.311	81071139	1656329	863.086	12.740 #
24)	L5 AR-1248-4	5.867	4.479	315.2E6	113.8E6	3279.557	721.315 #
25)	L5 AR-1248-5	5.934	4.890	20181907	70539983	217.501	495.042 #
26)	L6 AR-1254-1	5.813	4.832	5827303	365.0E6	58.136	1569.317 #
28)	L6 AR-1254-3	6.491	5.426	7015895	25862093	45.150	80.710 #
29)	L6 AR-1254-4	6.776	5.667	5159533	29508746	46.830	164.513 #
30)	L6 AR-1254-5	7.224	6.112	2182809	15928909	17.793	57.603 #
31)	L7 AR-1260-1	6.654	5.574	3773554	79482120	30.674	347.545 #
32)	L7 AR-1260-2	6.925	5.790	15587836	119.8E6	110.953	445.418 #
33)	L7 AR-1260-3	7.332	5.943	1613699	22076314	14.899	87.151 #
34)	L7 AR-1260-4	7.570	6.419	-341688	6591407	N.D.	31.338 #
35)	L7 AR-1260-5	7.927	6.701	3429460	4083920	14.904	8.592 #
36)	L8 AR-1262-1	7.332	6.158	1613699	12078543	10.507	39.522 #
37)	L8 AR-1262-2	7.927	6.419	3429460	6591407	13.219	24.245 #
38)	L8 AR-1262-3	8.208	6.970	3272675	1578931	17.423	7.699 #
39)	L8 AR-1262-4	8.306	7.056	197263	4871449	1.360	12.710 #
40)	L8 AR-1262-5	8.955	7.619	2470587	130588	23.481	0.772 #
41)	L9 AR-1268-1	8.208	7.026	3272675	5593190	7.401	6.366
42)	L9 AR-1268-2	8.306	7.056	197263	4871449	0.493	6.176 #

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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
43) L9	AR-1268-3	8.543	7.287	628852	477018	1.745	0.687 #
44) L9	AR-1268-4	8.955	7.619	2470587	130588	15.666	0.493 #
45) L9	AR-1268-5	9.344	7.894	371692	1550685	0.322	0.740 #

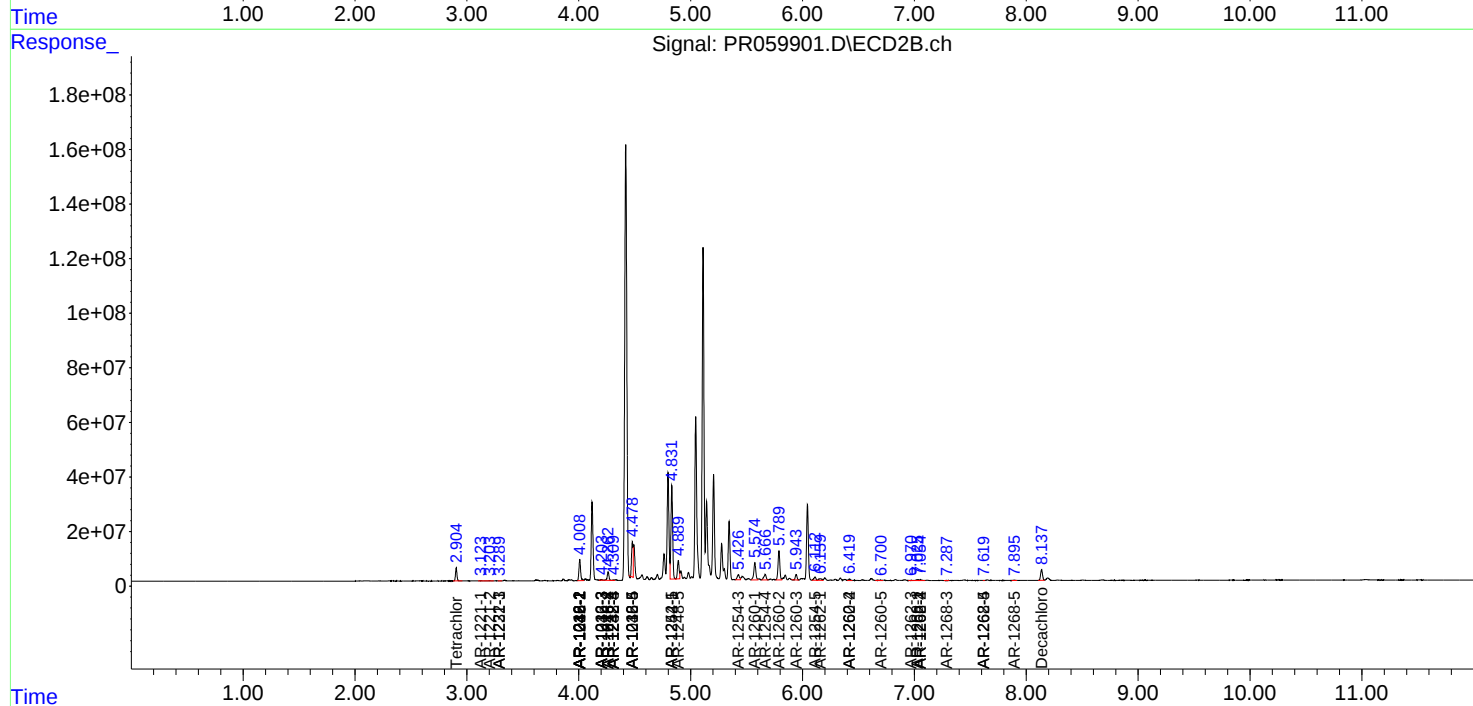
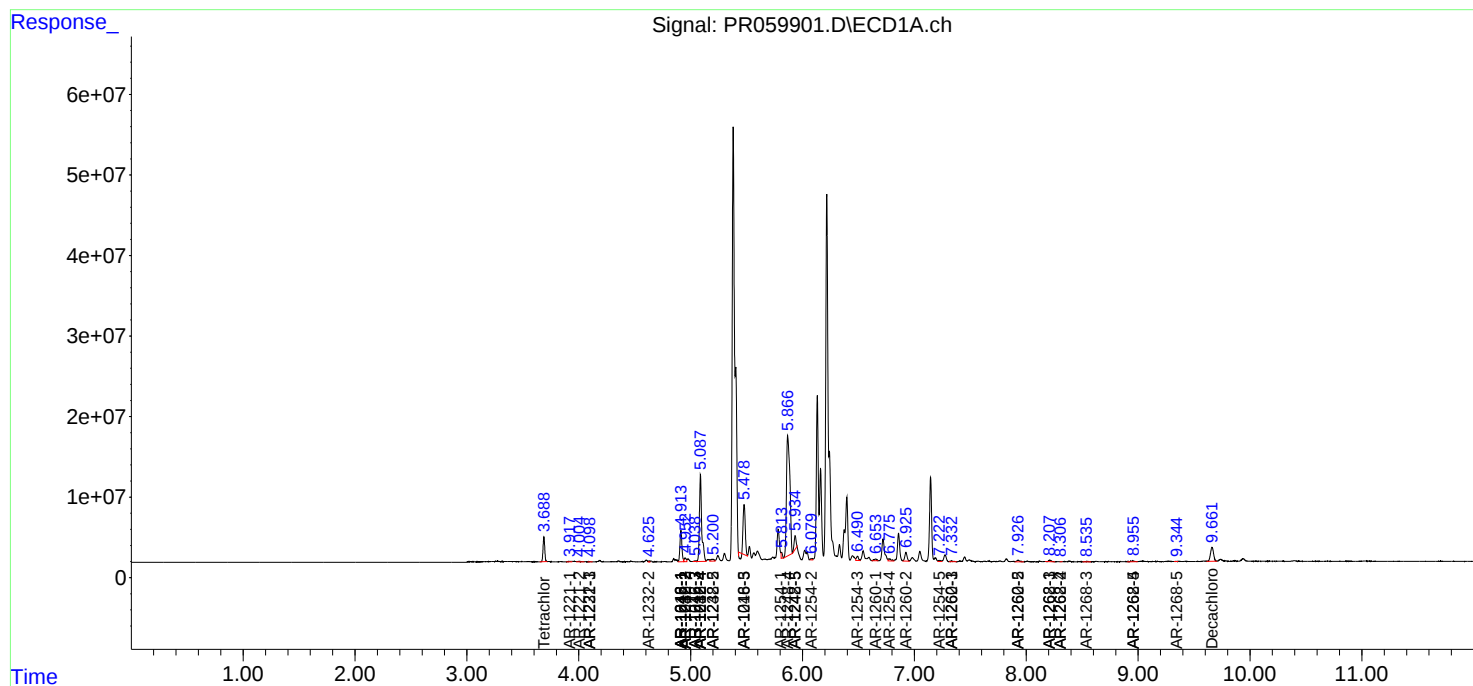
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

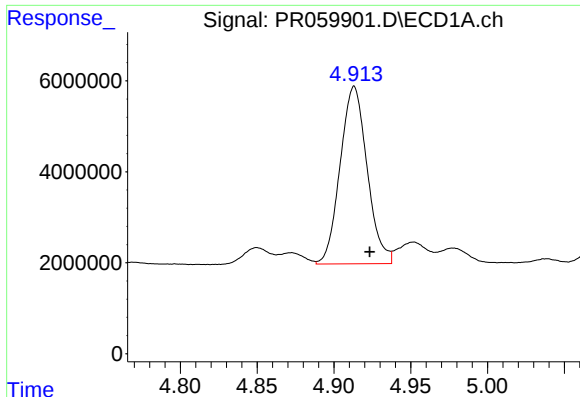
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Misc :
ALS Vial : 44 Sample Multiplier: 1

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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

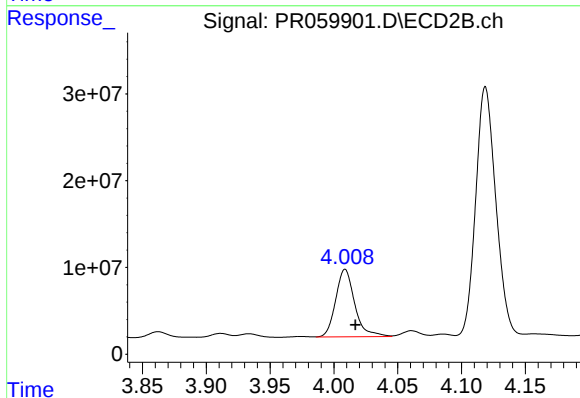




#3 AR-1016-1

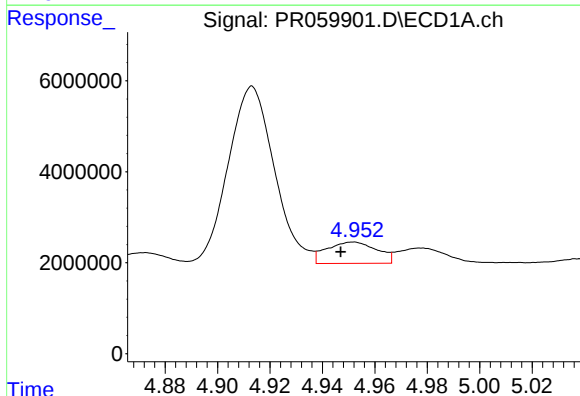
R.T.: 4.913 min
Delta R.T.: -0.010 min
Response: 47720593
Conc: 507.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



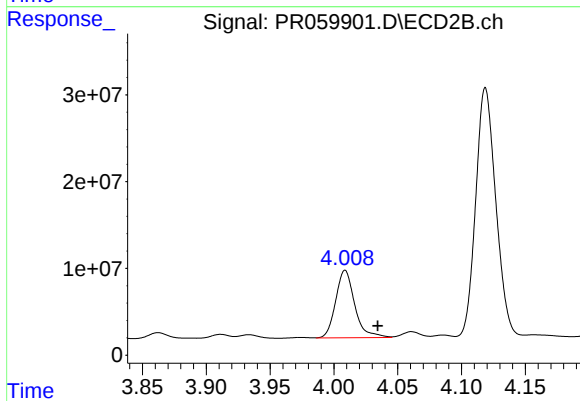
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: -0.008 min
Response: 81041892
Conc: 590.39 ng/ml



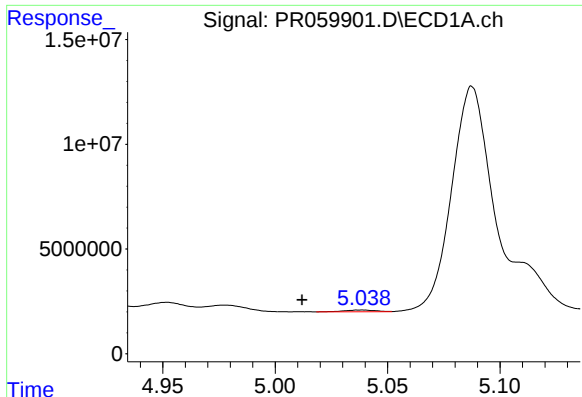
#4 AR-1016-2

R.T.: 4.952 min
Delta R.T.: 0.005 min
Response: 6257168
Conc: 46.38 ng/ml



#4 AR-1016-2

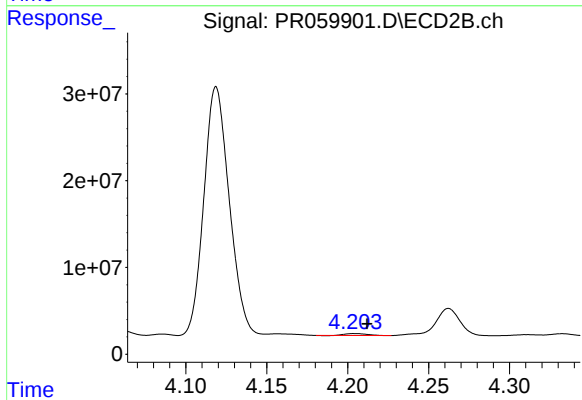
R.T.: 4.009 min
Delta R.T.: -0.026 min
Response: 81041892
Conc: 396.58 ng/ml



#5 AR-1016-3

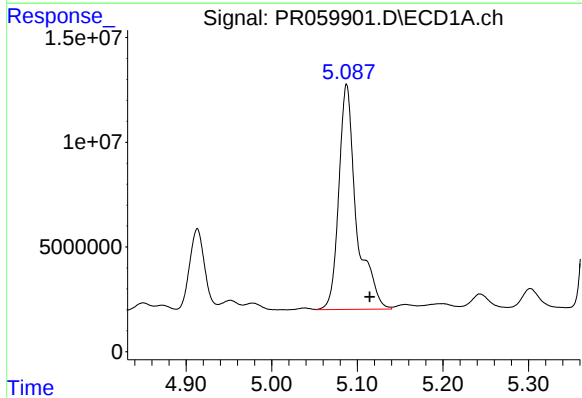
R.T.: 5.038 min
Delta R.T.: 0.026 min
Response: 782425
Conc: 8.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



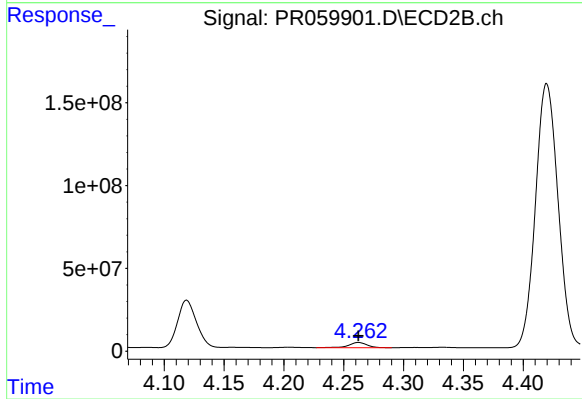
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: -0.007 min
Response: 2093312
Conc: 19.92 ng/ml



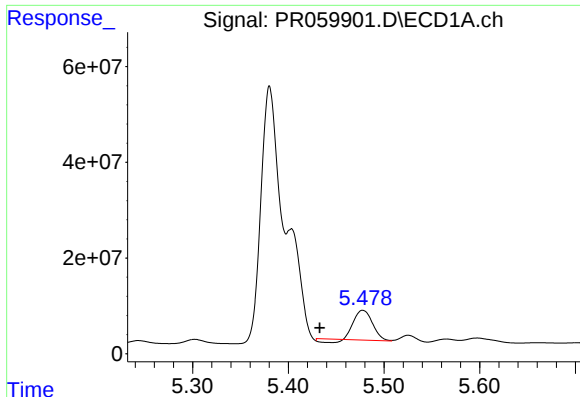
#6 AR-1016-4

R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 153284718
Conc: 2210.62 ng/ml



#6 AR-1016-4

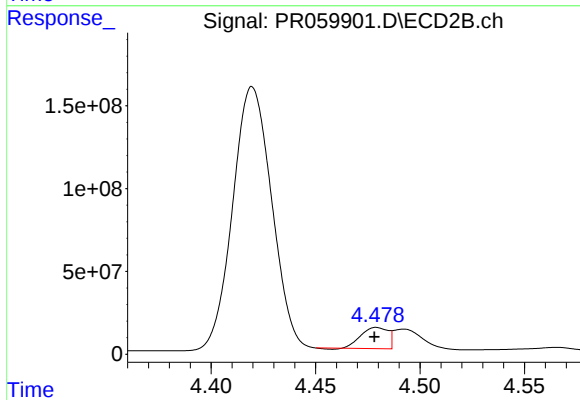
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 32869600
Conc: 382.78 ng/ml



#7 AR-1016-5

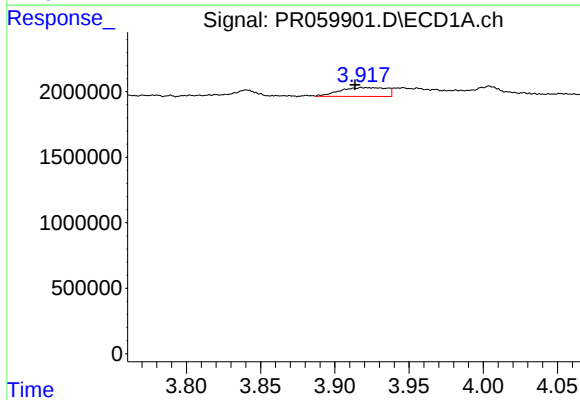
R.T.: 5.478 min
Delta R.T.: 0.045 min
Response: 81071139
Conc: 1201.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



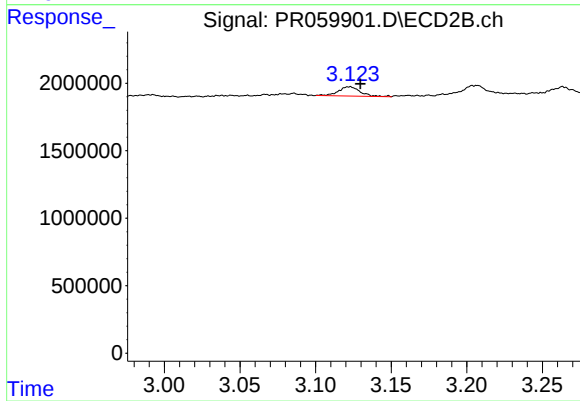
#7 AR-1016-5

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 113821866
Conc: 1017.34 ng/ml



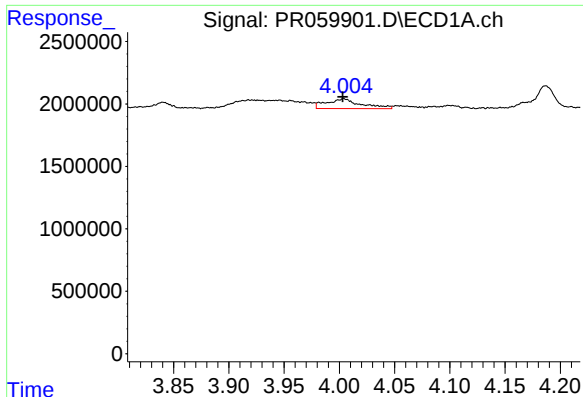
#8 AR-1221-1

R.T.: 3.919 min
Delta R.T.: 0.006 min
Response: 1486357
Conc: 36.85 ng/ml



#8 AR-1221-1

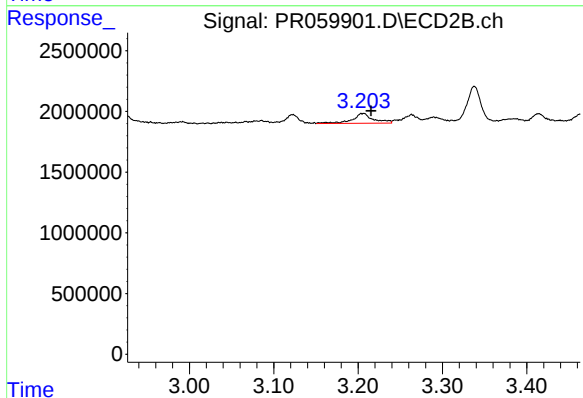
R.T.: 3.122 min
Delta R.T.: -0.007 min
Response: 686076
Conc: 14.06 ng/ml



#9 AR-1221-2

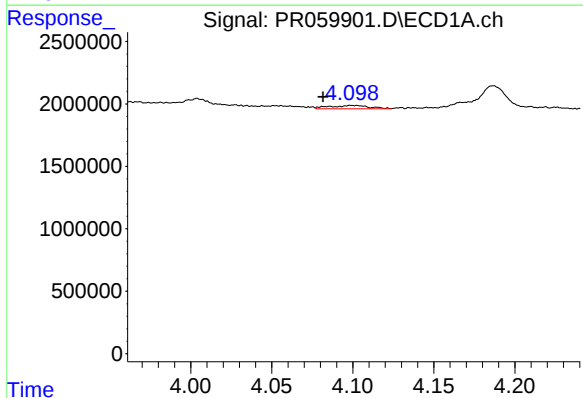
R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 1729103
Conc: 60.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



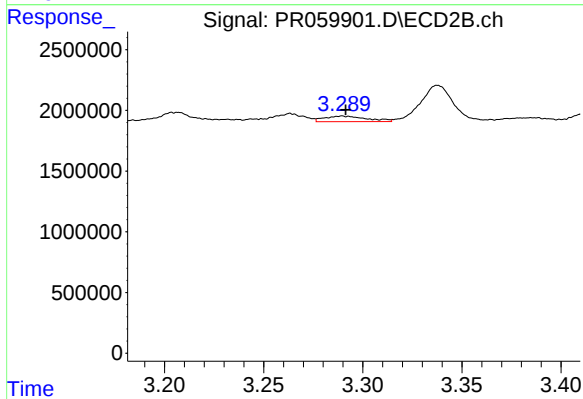
#9 AR-1221-2

R.T.: 3.206 min
Delta R.T.: -0.009 min
Response: 1402386
Conc: 40.63 ng/ml



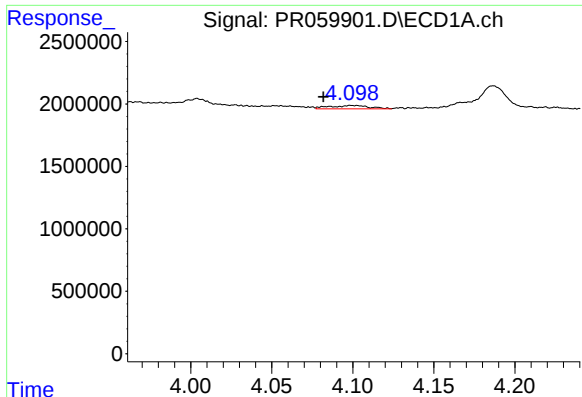
#10 AR-1221-3

R.T.: 4.099 min
Delta R.T.: 0.018 min
Response: 452093
Conc: 5.12 ng/ml



#10 AR-1221-3

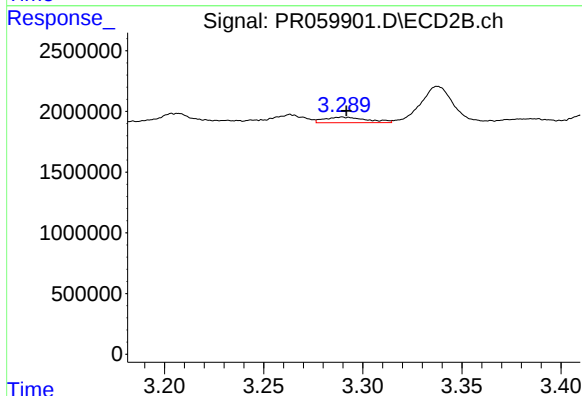
R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 691976
Conc: 5.97 ng/ml



#11 AR-1232-1

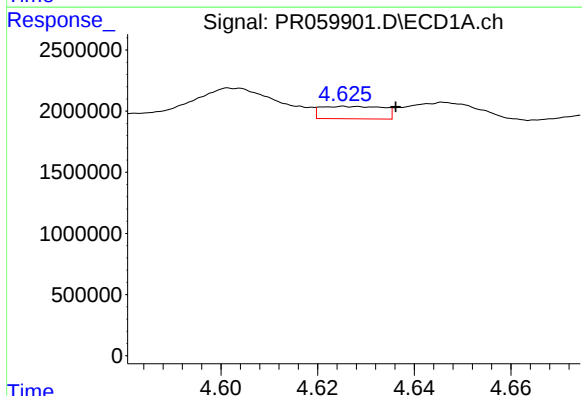
R.T.: 4.099 min
Delta R.T.: 0.018 min
Response: 452093
Conc: 6.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



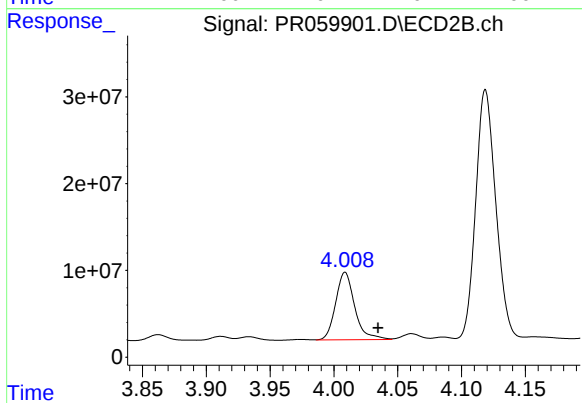
#11 AR-1232-1

R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 691976
Conc: 7.18 ng/ml



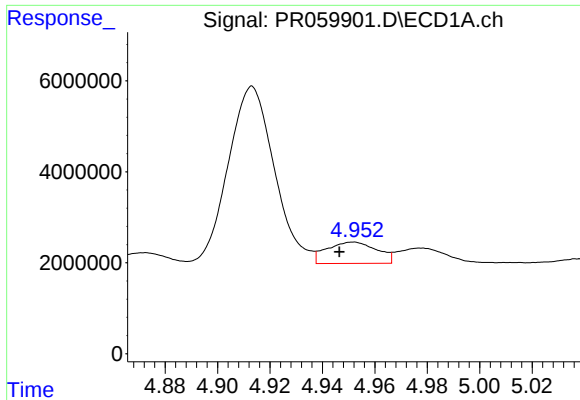
#12 AR-1232-2

R.T.: 4.626 min
Delta R.T.: -0.010 min
Response: 908071
Conc: 27.00 ng/ml



#12 AR-1232-2

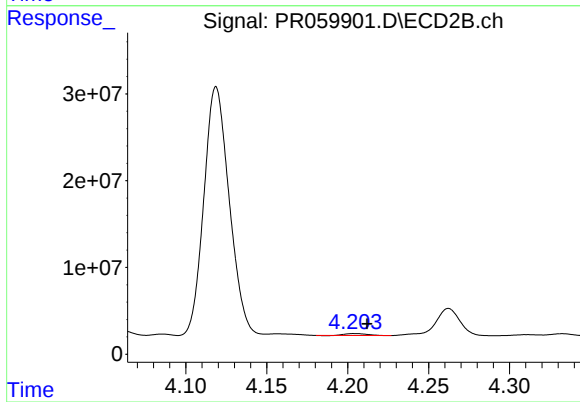
R.T.: 4.009 min
Delta R.T.: -0.026 min
Response: 81041892
Conc: 909.50 ng/ml



#13 AR-1232-3

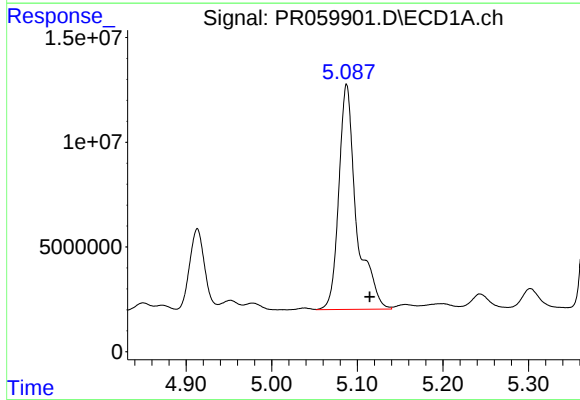
R.T.: 4.952 min
Delta R.T.: 0.005 min
Response: 6257168
Conc: 101.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



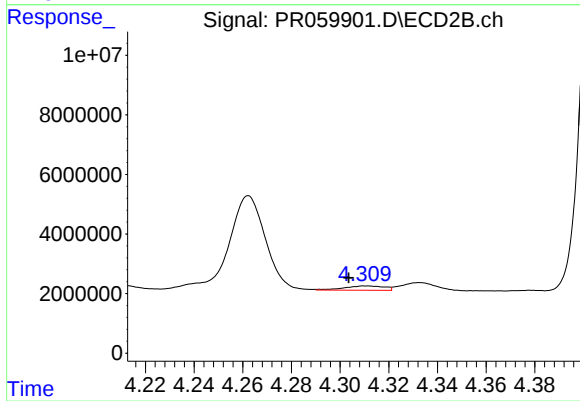
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: -0.007 min
Response: 2093312
Conc: 46.79 ng/ml



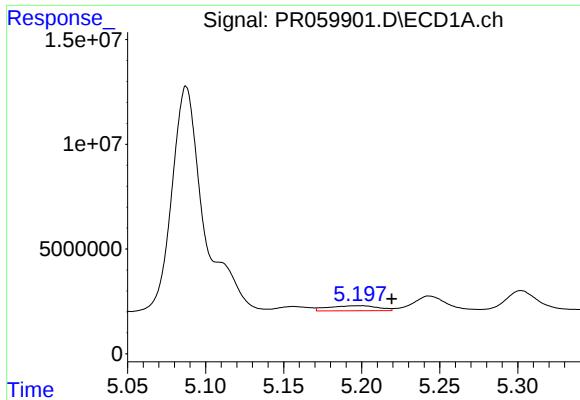
#14 AR-1232-4

R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 153284718
Conc: 4969.96 ng/ml



#14 AR-1232-4

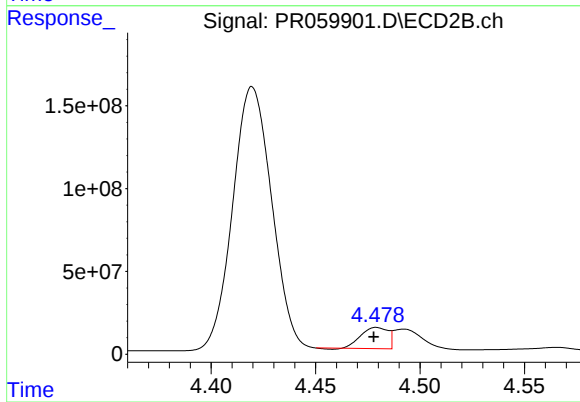
R.T.: 4.311 min
Delta R.T.: 0.007 min
Response: 1656329
Conc: 40.05 ng/ml



#15 AR-1232-5

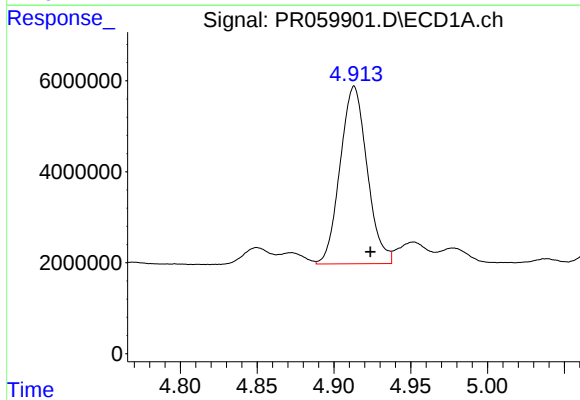
R.T.: 5.199 min
Delta R.T.: -0.020 min
Response: 5239412
Conc: 225.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



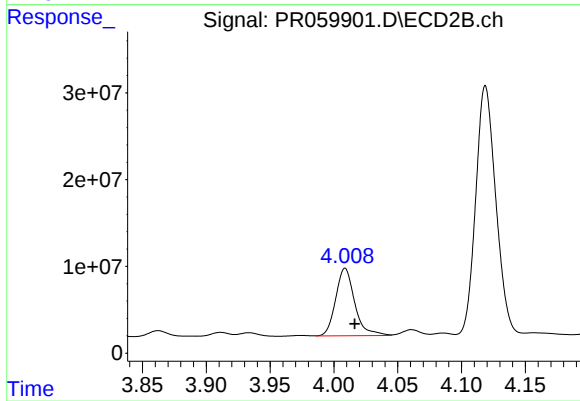
#15 AR-1232-5

R.T.: 4.479 min
Delta R.T.: 0.001 min
Response: 113821866
Conc: 2449.45 ng/ml



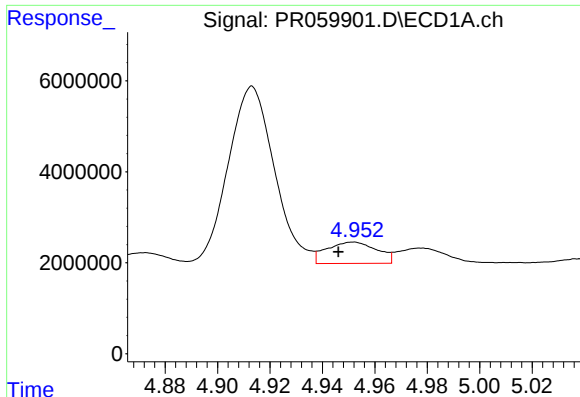
#16 AR-1242-1

R.T.: 4.913 min
Delta R.T.: -0.011 min
Response: 47720593
Conc: 607.31 ng/ml



#16 AR-1242-1

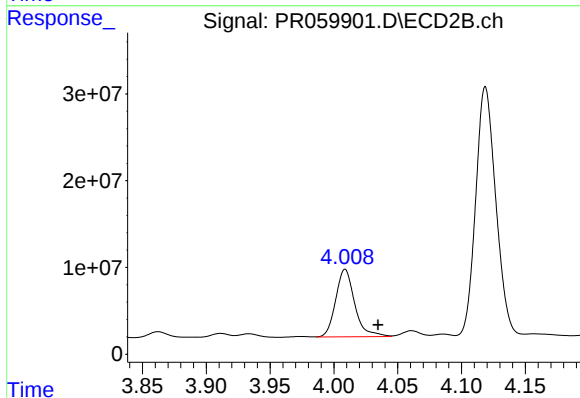
R.T.: 4.009 min
Delta R.T.: -0.008 min
Response: 81041892
Conc: 710.05 ng/ml



#17 AR-1242-2

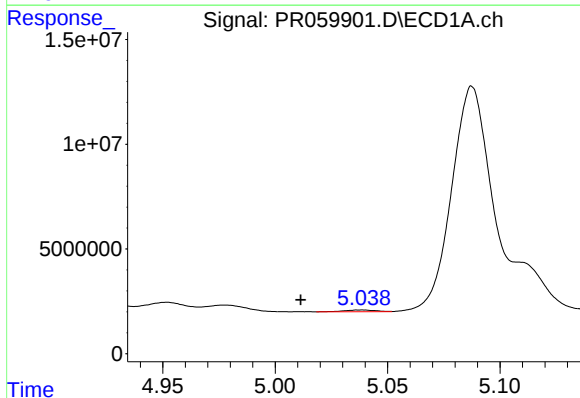
R.T.: 4.952 min
Delta R.T.: 0.006 min
Response: 6257168
Conc: 55.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



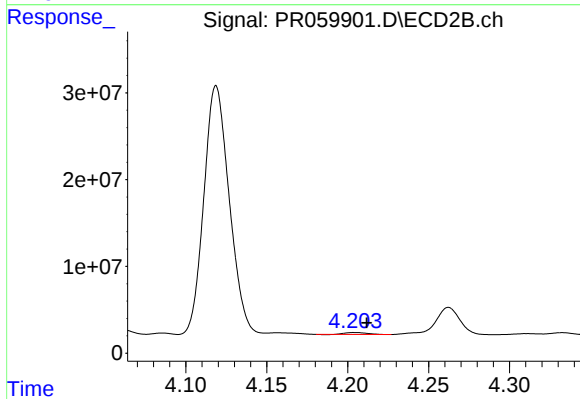
#17 AR-1242-2

R.T.: 4.009 min
Delta R.T.: -0.026 min
Response: 81041892
Conc: 484.37 ng/ml



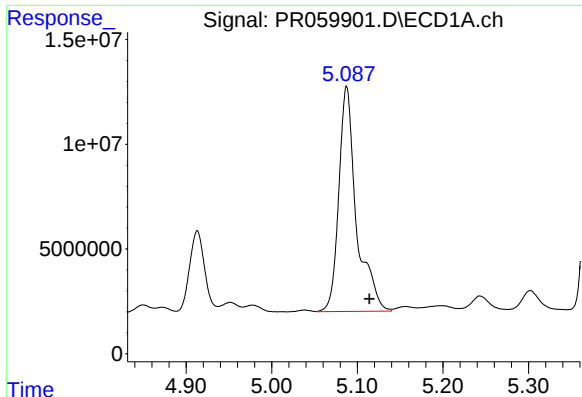
#18 AR-1242-3

R.T.: 5.038 min
Delta R.T.: 0.027 min
Response: 782425
Conc: 10.77 ng/ml



#18 AR-1242-3

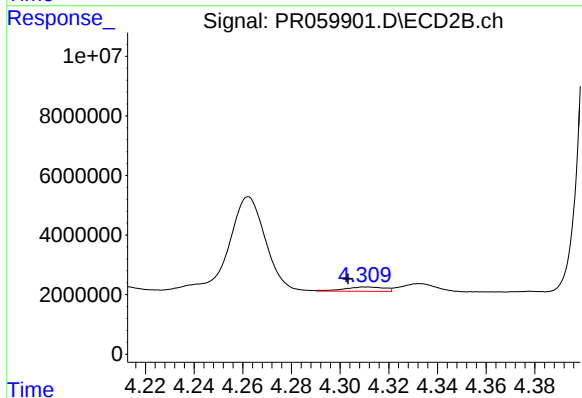
R.T.: 4.204 min
Delta R.T.: -0.007 min
Response: 2093312
Conc: 24.20 ng/ml



#19 AR-1242-4

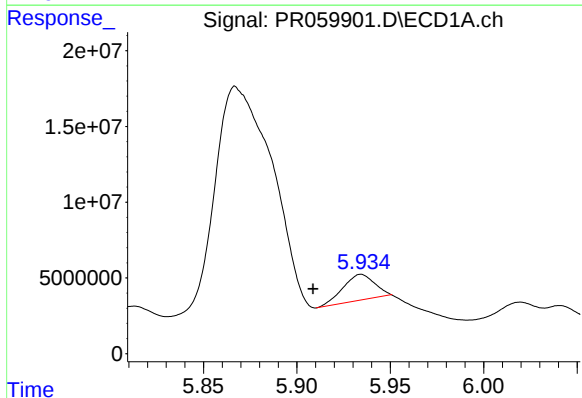
R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 153284718
Conc: 2663.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



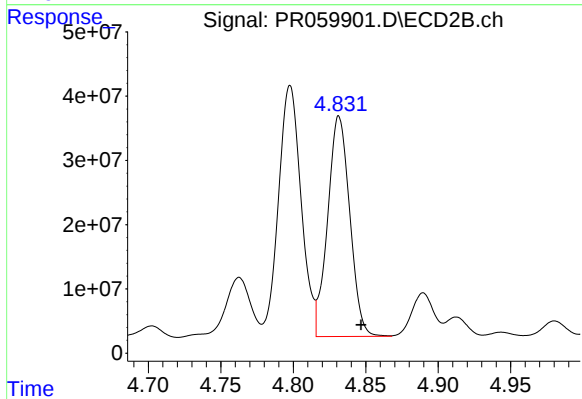
#19 AR-1242-4

R.T.: 4.311 min
Delta R.T.: 0.008 min
Response: 1656329
Conc: 19.32 ng/ml



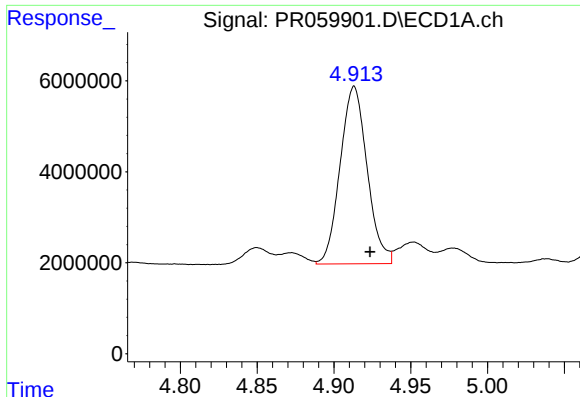
#20 AR-1242-5

R.T.: 5.934 min
Delta R.T.: 0.026 min
Response: 20181907
Conc: 373.48 ng/ml



#20 AR-1242-5

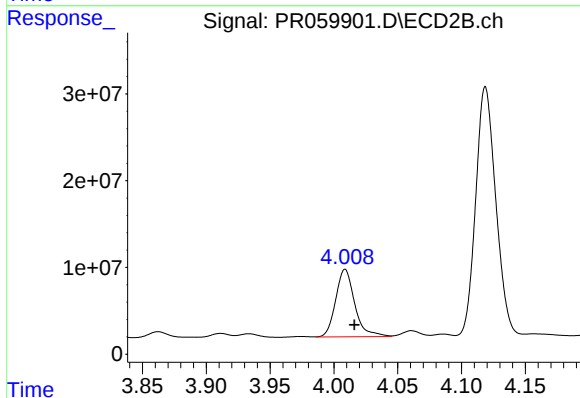
R.T.: 4.832 min
Delta R.T.: -0.015 min
Response: 364954511
Conc: 3534.14 ng/ml



#21 AR-1248-1

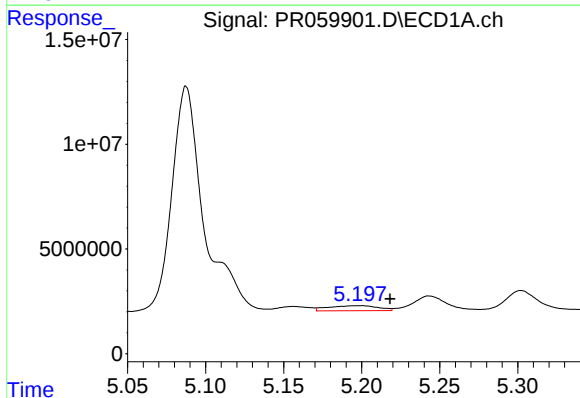
R.T.: 4.913 min
Delta R.T.: -0.010 min
Response: 47720593
Conc: 787.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



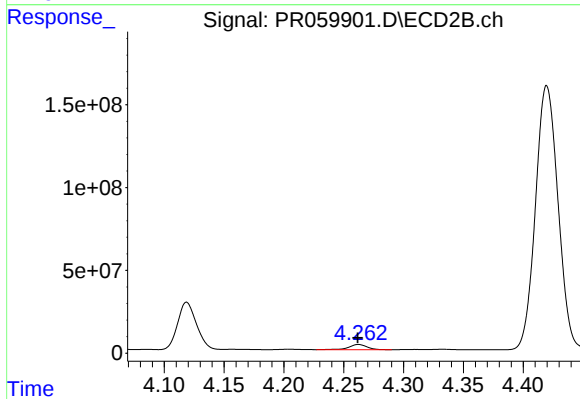
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 81041892
Conc: 931.09 ng/ml



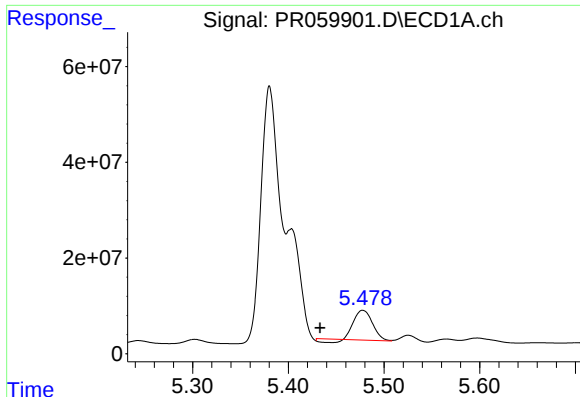
#22 AR-1248-2

R.T.: 5.199 min
Delta R.T.: -0.019 min
Response: 5239412
Conc: 64.53 ng/ml



#22 AR-1248-2

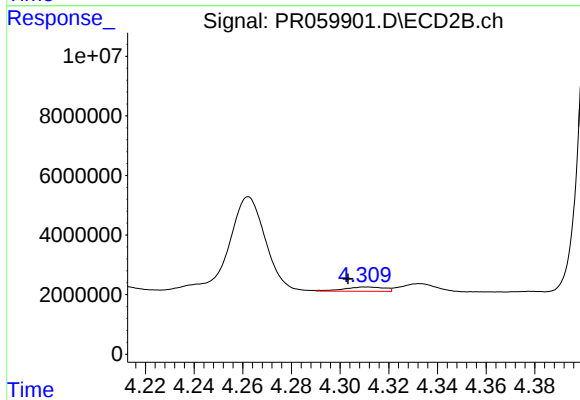
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 32869600
Conc: 254.63 ng/ml



#23 AR-1248-3

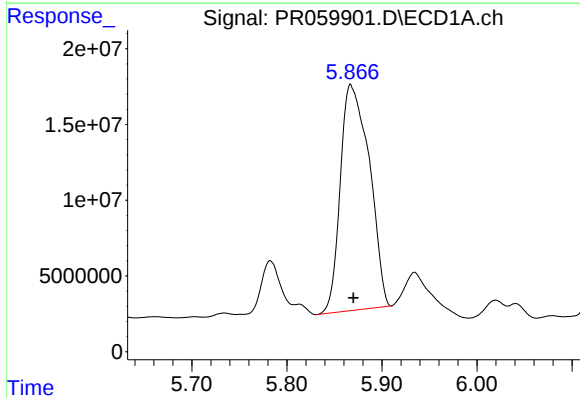
R.T.: 5.478 min
Delta R.T.: 0.045 min
Response: 81071139
Conc: 863.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



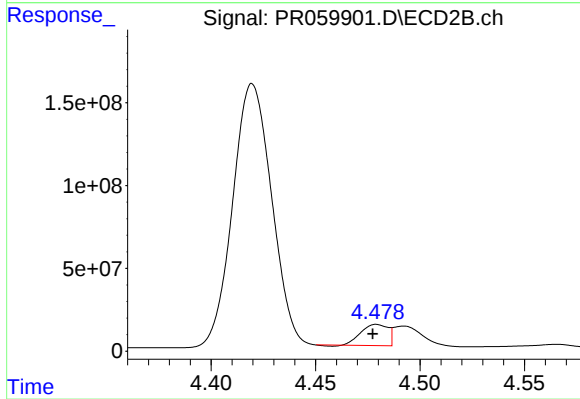
#23 AR-1248-3

R.T.: 4.311 min
Delta R.T.: 0.008 min
Response: 1656329
Conc: 12.74 ng/ml



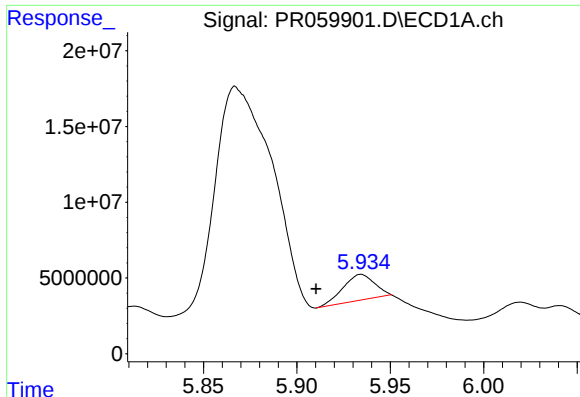
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.003 min
Response: 315200921
Conc: 3279.56 ng/ml



#24 AR-1248-4

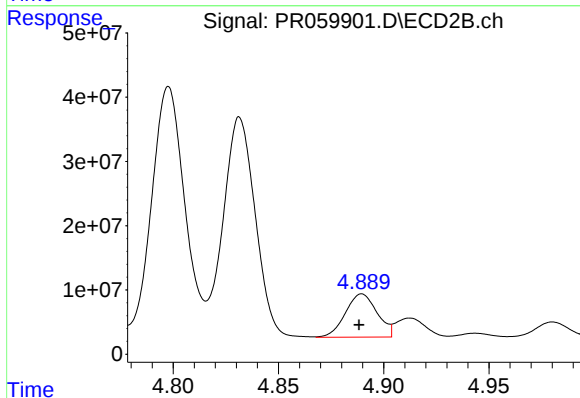
R.T.: 4.479 min
Delta R.T.: 0.002 min
Response: 113821866
Conc: 721.31 ng/ml



#25 AR-1248-5

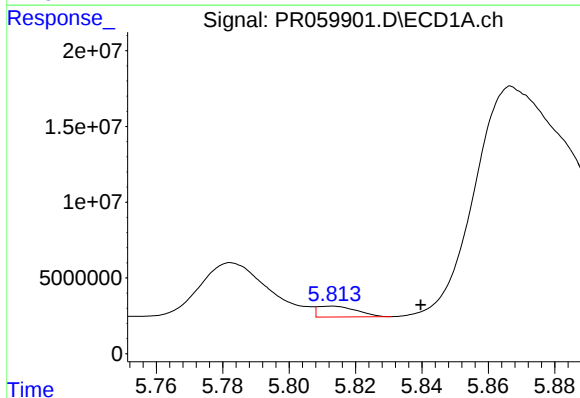
R.T.: 5.934 min
Delta R.T.: 0.024 min
Response: 20181907
Conc: 217.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



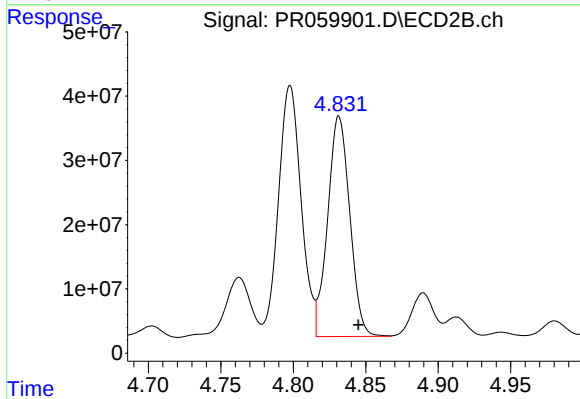
#25 AR-1248-5

R.T.: 4.890 min
Delta R.T.: 0.001 min
Response: 70539983
Conc: 495.04 ng/ml



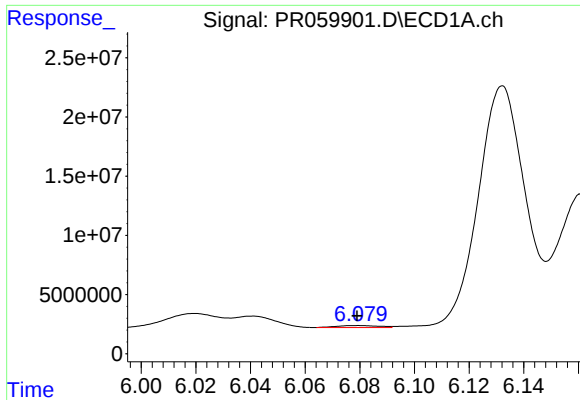
#26 AR-1254-1

R.T.: 5.813 min
Delta R.T.: -0.027 min
Response: 5827303
Conc: 58.14 ng/ml



#26 AR-1254-1

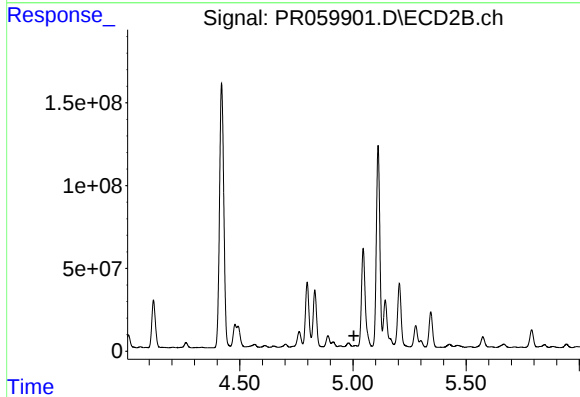
R.T.: 4.832 min
Delta R.T.: -0.013 min
Response: 364954511
Conc: 1569.32 ng/ml



#27 AR-1254-2

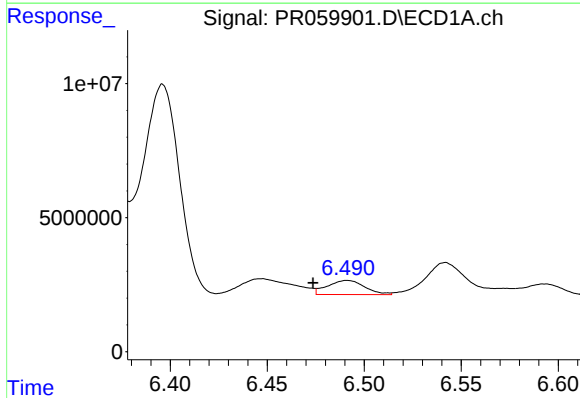
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 1784349
Conc: 11.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



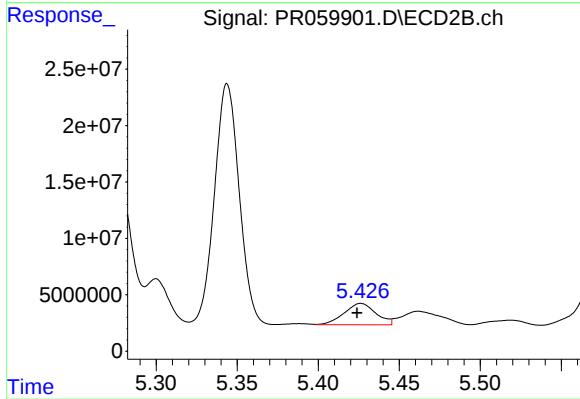
#27 AR-1254-2

R.T.: 5.010 min
Delta R.T.: 0.006 min
Response: -6527286
Conc: N.D.



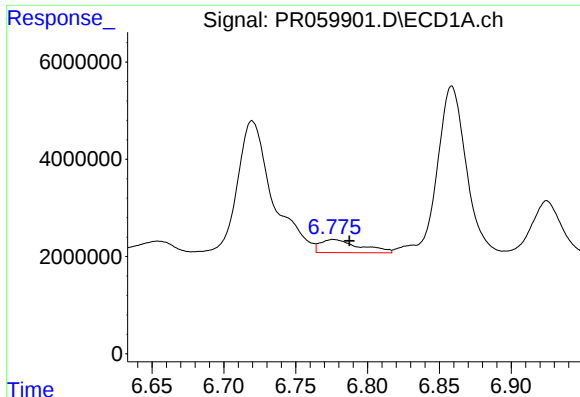
#28 AR-1254-3

R.T.: 6.491 min
Delta R.T.: 0.018 min
Response: 7015895
Conc: 45.15 ng/ml



#28 AR-1254-3

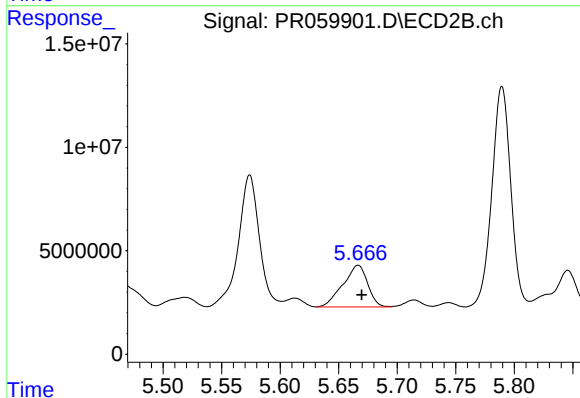
R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 25862093
Conc: 80.71 ng/ml



#29 AR-1254-4

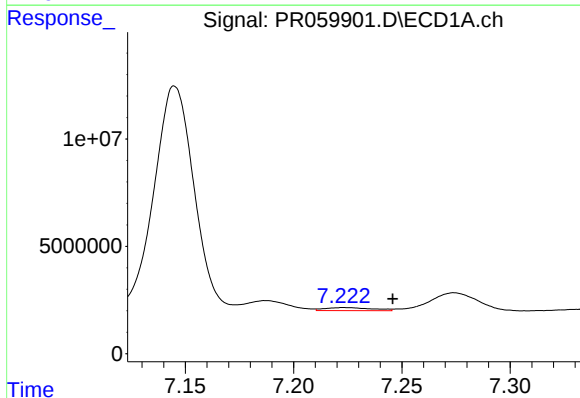
R.T.: 6.776 min
Delta R.T.: -0.011 min
Response: 5159533
Conc: 46.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



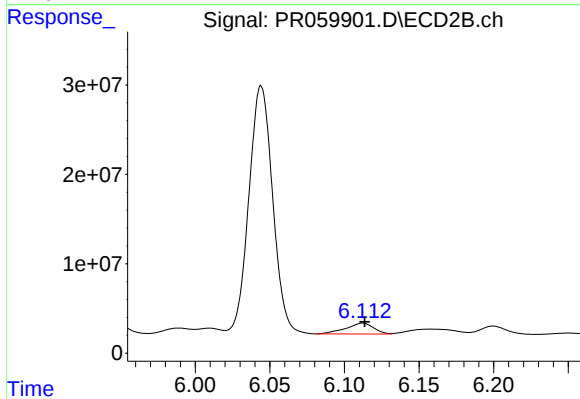
#29 AR-1254-4

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 29508746
Conc: 164.51 ng/ml



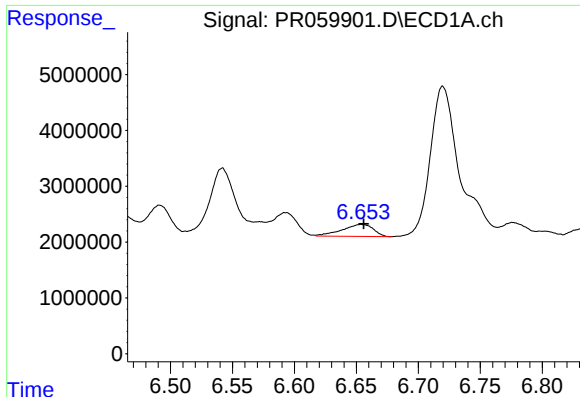
#30 AR-1254-5

R.T.: 7.224 min
Delta R.T.: -0.022 min
Response: 2182809
Conc: 17.79 ng/ml



#30 AR-1254-5

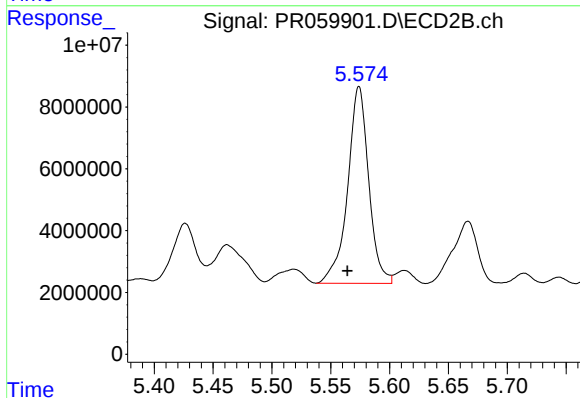
R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 15928909
Conc: 57.60 ng/ml



#31 AR-1260-1

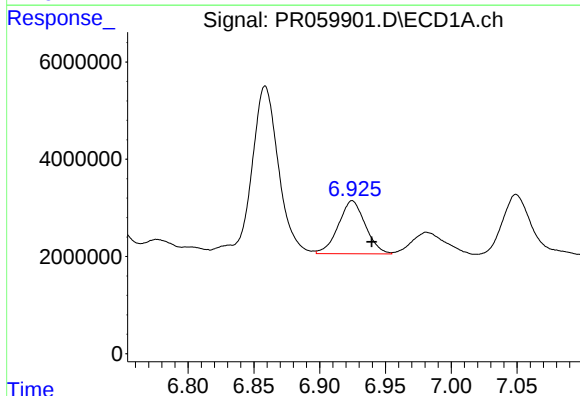
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 3773554
Conc: 30.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



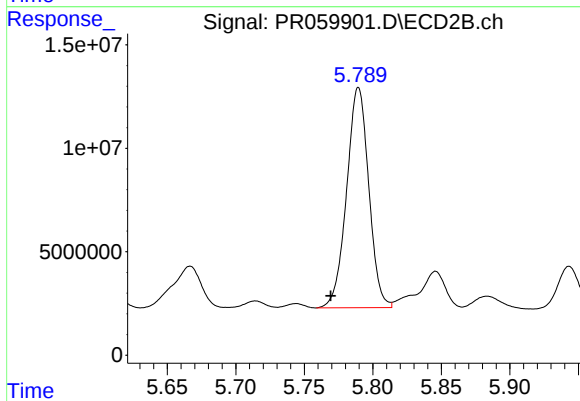
#31 AR-1260-1

R.T.: 5.574 min
Delta R.T.: 0.010 min
Response: 79482120
Conc: 347.54 ng/ml



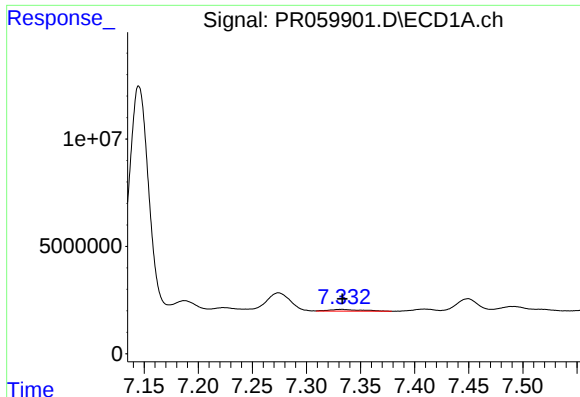
#32 AR-1260-2

R.T.: 6.925 min
Delta R.T.: -0.015 min
Response: 15587836
Conc: 110.95 ng/ml



#32 AR-1260-2

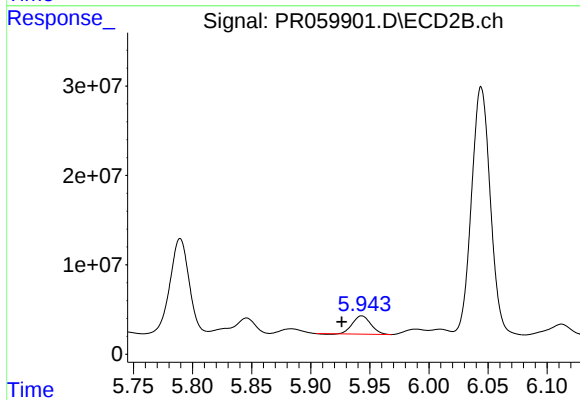
R.T.: 5.790 min
Delta R.T.: 0.020 min
Response: 119813246
Conc: 445.42 ng/ml



#33 AR-1260-3

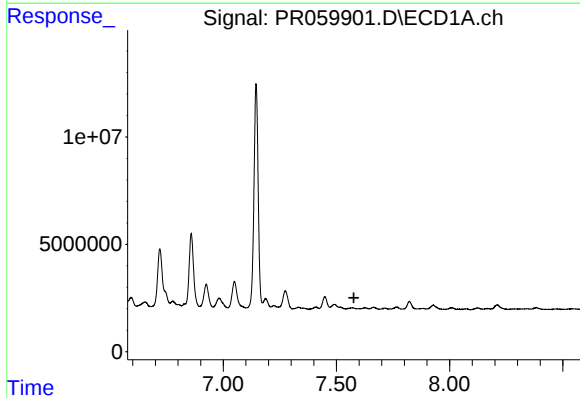
R.T.: 7.332 min
Delta R.T.: -0.001 min
Response: 1613699
Conc: 14.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



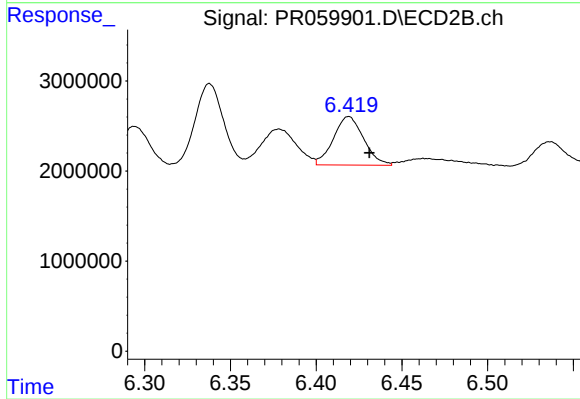
#33 AR-1260-3

R.T.: 5.943 min
Delta R.T.: 0.017 min
Response: 22076314
Conc: 87.15 ng/ml



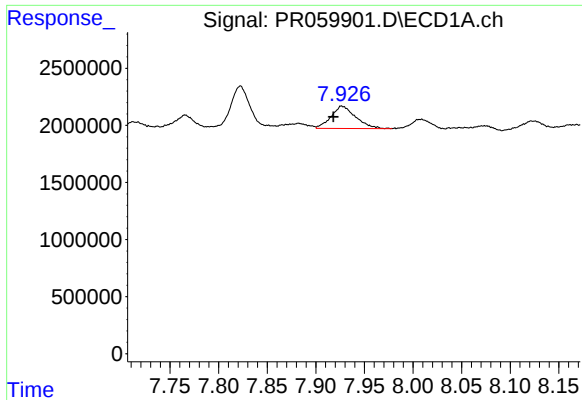
#34 AR-1260-4

R.T.: 7.570 min
Delta R.T.: -0.007 min
Response: -341688
Conc: N.D.



#34 AR-1260-4

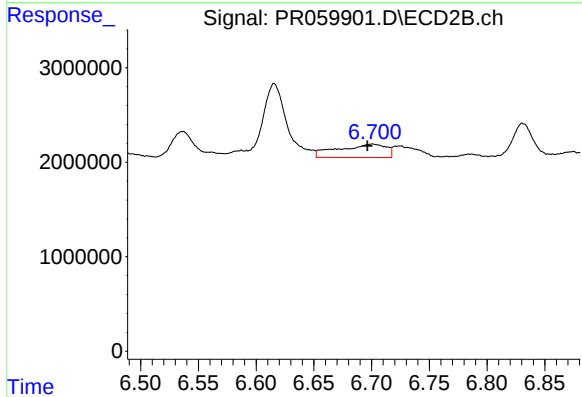
R.T.: 6.419 min
Delta R.T.: -0.012 min
Response: 6591407
Conc: 31.34 ng/ml



#35 AR-1260-5

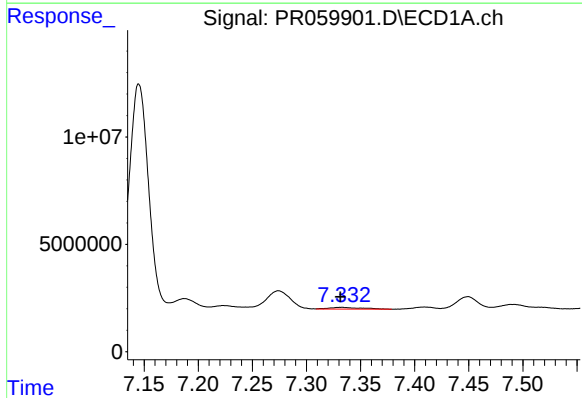
R.T.: 7.927 min
Delta R.T.: 0.009 min
Response: 3429460
Conc: 14.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



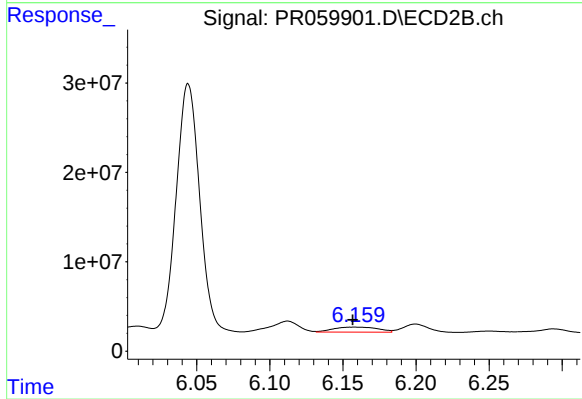
#35 AR-1260-5

R.T.: 6.701 min
Delta R.T.: 0.004 min
Response: 4083920
Conc: 8.59 ng/ml



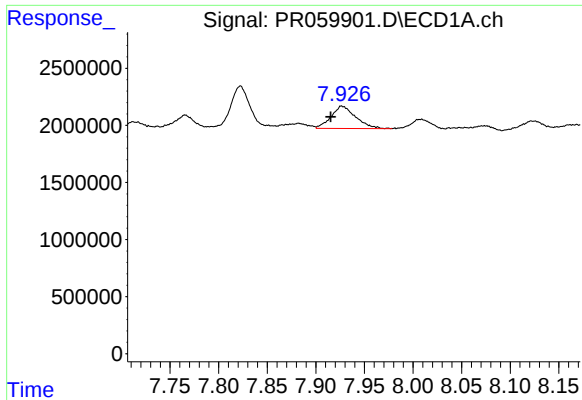
#36 AR-1262-1

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 1613699
Conc: 10.51 ng/ml



#36 AR-1262-1

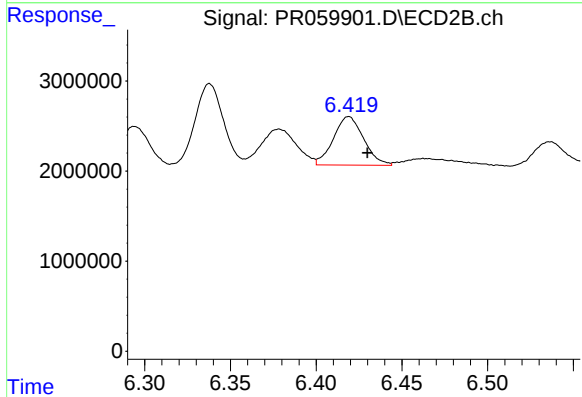
R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 12078543
Conc: 39.52 ng/ml



#37 AR-1262-2

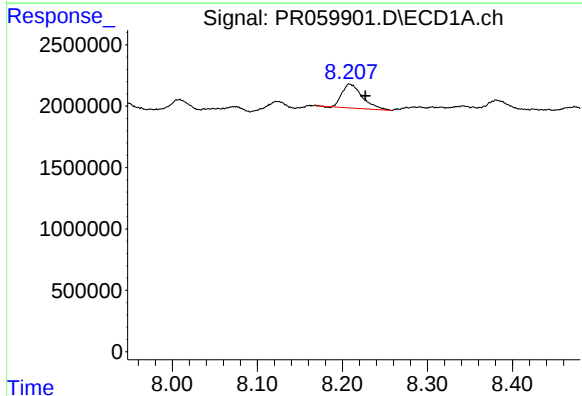
R.T.: 7.927 min
Delta R.T.: 0.012 min
Response: 3429460
Conc: 13.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



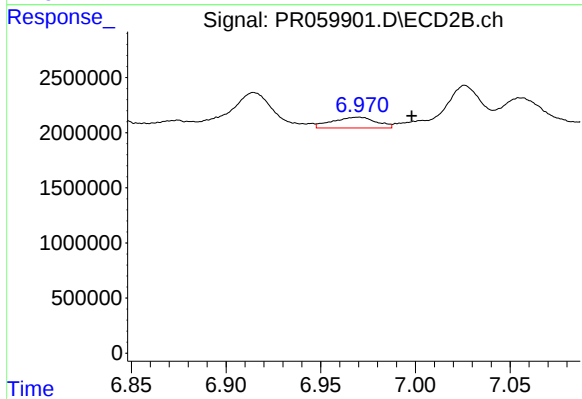
#37 AR-1262-2

R.T.: 6.419 min
Delta R.T.: -0.011 min
Response: 6591407
Conc: 24.25 ng/ml



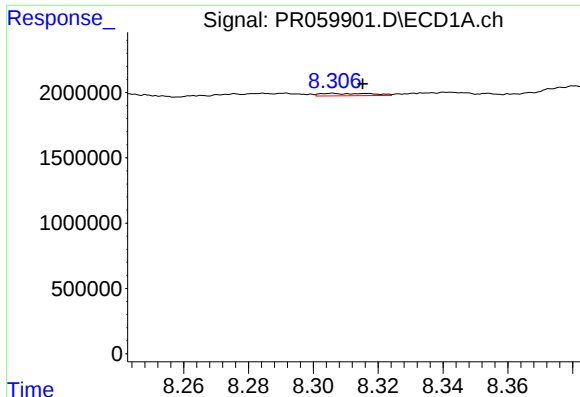
#38 AR-1262-3

R.T.: 8.208 min
Delta R.T.: -0.019 min
Response: 3272675
Conc: 17.42 ng/ml



#38 AR-1262-3

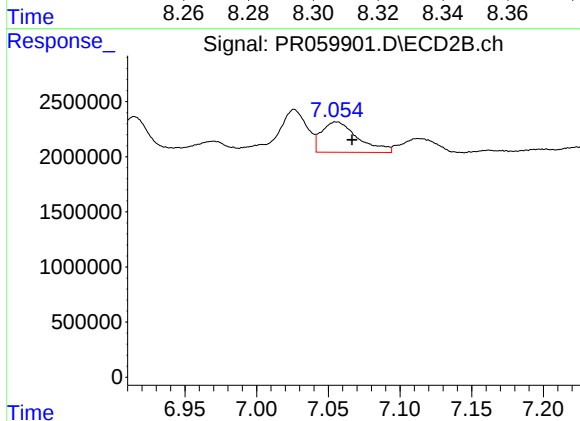
R.T.: 6.970 min
Delta R.T.: -0.028 min
Response: 1578931
Conc: 7.70 ng/ml



#39 AR-1262-4

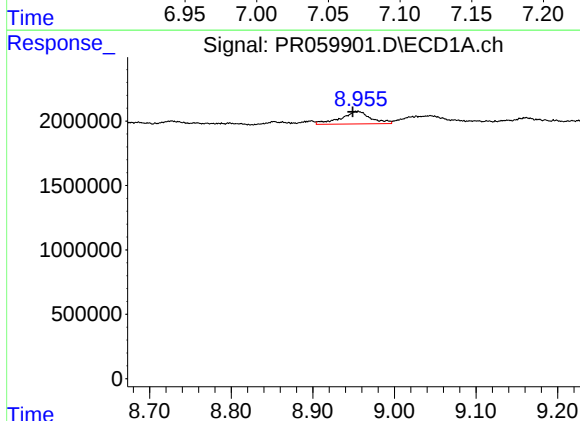
R.T.: 8.306 min
Delta R.T.: -0.010 min
Response: 197263
Conc: 1.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



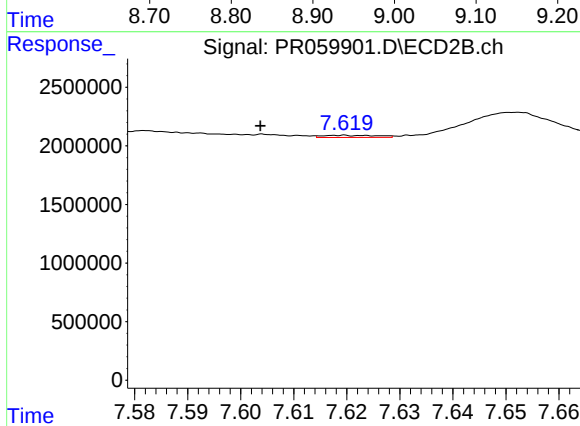
#39 AR-1262-4

R.T.: 7.056 min
Delta R.T.: -0.011 min
Response: 4871449
Conc: 12.71 ng/ml



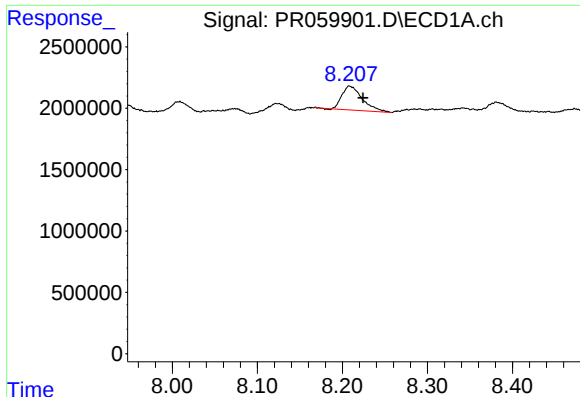
#40 AR-1262-5

R.T.: 8.955 min
Delta R.T.: 0.007 min
Response: 2470587
Conc: 23.48 ng/ml



#40 AR-1262-5

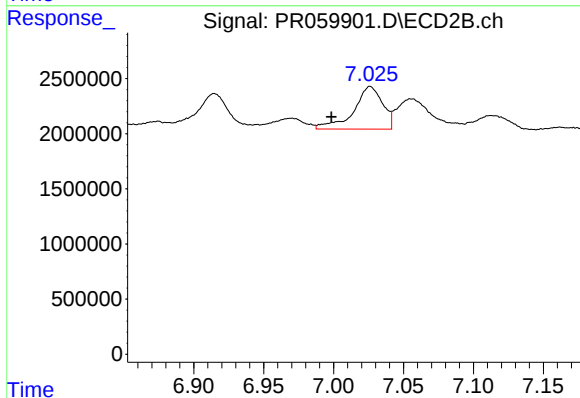
R.T.: 7.619 min
Delta R.T.: 0.015 min
Response: 130588
Conc: 0.77 ng/ml



#41 AR-1268-1

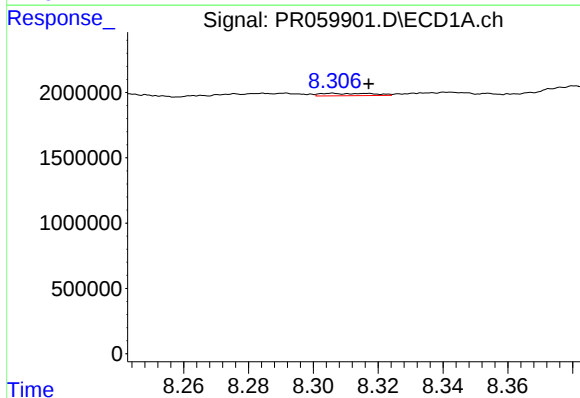
R.T.: 8.208 min
Delta R.T.: -0.016 min
Response: 3272675
Conc: 7.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



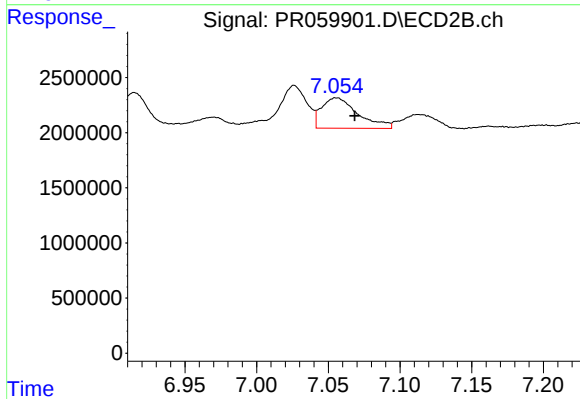
#41 AR-1268-1

R.T.: 7.026 min
Delta R.T.: 0.028 min
Response: 5593190
Conc: 6.37 ng/ml



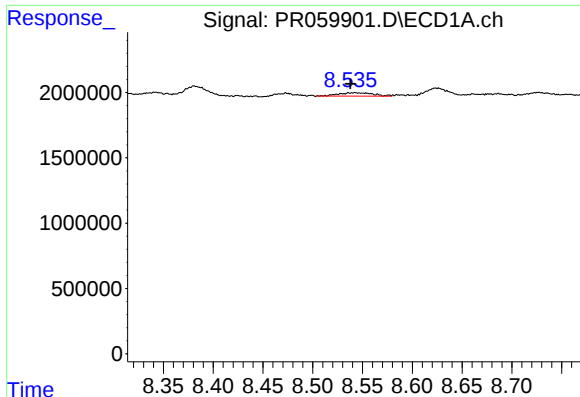
#42 AR-1268-2

R.T.: 8.306 min
Delta R.T.: -0.011 min
Response: 197263
Conc: 0.49 ng/ml



#42 AR-1268-2

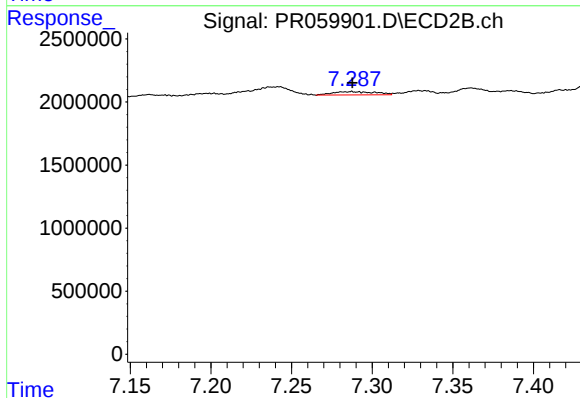
R.T.: 7.056 min
Delta R.T.: -0.013 min
Response: 4871449
Conc: 6.18 ng/ml



#43 AR-1268-3

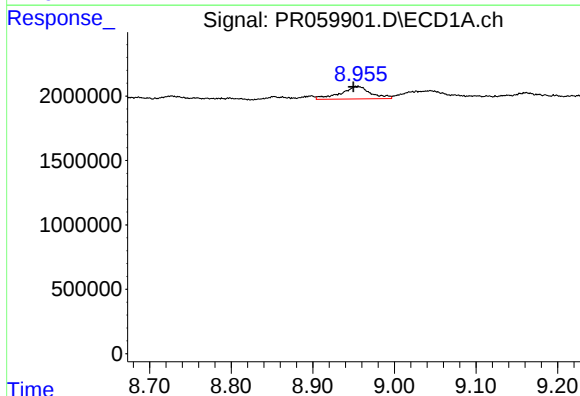
R.T.: 8.543 min
Delta R.T.: 0.005 min
Response: 628852
Conc: 1.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



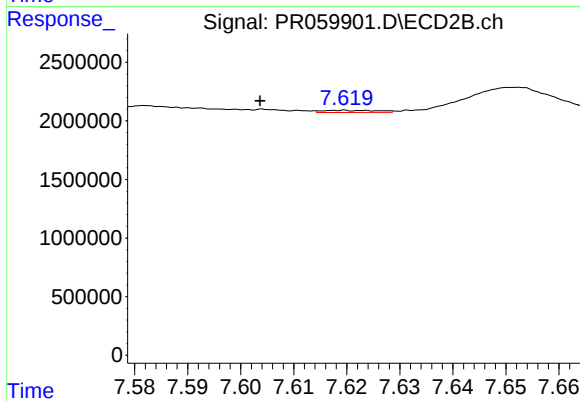
#43 AR-1268-3

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 477018
Conc: 0.69 ng/ml



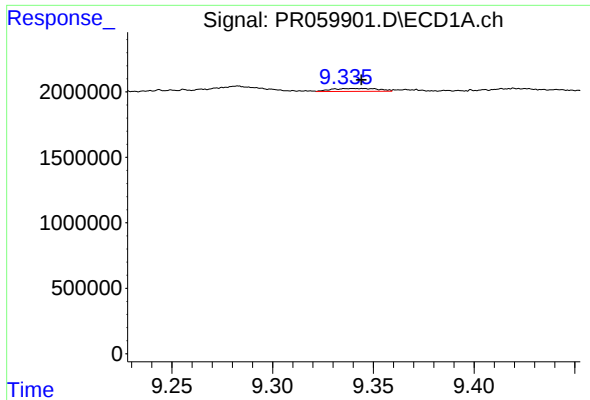
#44 AR-1268-4

R.T.: 8.955 min
Delta R.T.: 0.006 min
Response: 2470587
Conc: 15.67 ng/ml



#44 AR-1268-4

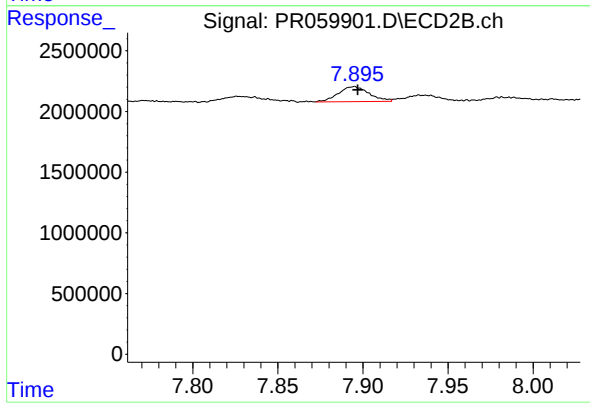
R.T.: 7.619 min
Delta R.T.: 0.015 min
Response: 130588
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 371692
Conc: 0.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 1550685
Conc: 0.74 ng/ml