

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030123\
 Data File : PR059880.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 15:18
 Operator : YP\AJ
 Sample : 01693-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:46:22 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...	3.689	2.905	52631202	72949589	15.623	16.087
2)	SA Decachlor...	9.662	8.138	64684842	95585684	27.448	26.447
Target Compounds							
3)	L1 AR-1016-1	4.931	4.010	4711879	2750470	50.153	20.037 #
4)	L1 AR-1016-2	4.931	4.031	4711879	2548896	34.929	12.473 #
5)	L1 AR-1016-3	5.034	4.222	703564	217729	8.065	2.072 #
6)	L1 AR-1016-4	5.088	4.263	13914662	922360	200.673	10.741 #
8)	L2 AR-1221-1	0.000	3.120	0	37290	N.D.	0.764 #
9)	L2 AR-1221-2	4.004	3.206	1080858	1406672	37.992	40.757
10)	L2 AR-1221-3	4.102	3.301	321439	836444	3.638	7.215 #
11)	L3 AR-1232-1	4.102	3.301	321439	836444	4.289	8.675 #
12)	L3 AR-1232-2	4.629	4.031	475517	2548896	14.141	28.605 #
13)	L3 AR-1232-3	4.931	4.222	4711879	217729	76.424	4.866 #
14)	L3 AR-1232-4	5.088	4.285	13914662	144835	451.156	3.502 #
15)	L3 AR-1232-5	5.204	4.478	1143226	3117461	49.101	67.088 #
16)	L4 AR-1242-1	4.931	4.010	4711879	2750470	59.965	24.098 #
17)	L4 AR-1242-2	4.931	4.031	4711879	2548896	42.021	15.234 #
18)	L4 AR-1242-3	5.034	4.222	703564	217729	9.685	2.517 #
19)	L4 AR-1242-4	5.088	4.285	13914662	144835	241.754	1.690 #
20)	L4 AR-1242-5	5.939	4.845	1759276	34724761	32.556	336.267 #
21)	L5 AR-1248-1	4.931	4.010	4711879	2750470	77.756	31.600 #
22)	L5 AR-1248-2	5.204	4.263	1143226	922360	14.080	7.145 #
24)	L5 AR-1248-4	5.865	4.478	72451398	3117461	753.832	19.756 #
25)	L5 AR-1248-5	5.939	4.870	1759276	4827503	18.960	33.879 #
26)	L6 AR-1254-1	5.865	4.845	72451398	34724761	722.810	149.318 #
27)	L6 AR-1254-2	6.077	5.010	31116715	8284043	204.938	41.260 #
28)	L6 AR-1254-3	6.483	5.422	15127816	1064156	97.353	3.321 #
29)	L6 AR-1254-4	6.773	5.668	3351900	4279751	30.423	23.860
30)	L6 AR-1254-5	7.275	6.112	4011432	6426353	32.698	23.239 #
31)	L7 AR-1260-1	6.654	5.574	1398113	51382845	11.365	224.677 #
32)	L7 AR-1260-2	6.920	5.754	41405291	318388	294.720	1.184 #
33)	L7 AR-1260-3	7.351	5.913	346386	5504600	3.198	21.731 #
34)	L7 AR-1260-4	7.572	6.417	1377932	2893933	11.170	13.759
35)	L7 AR-1260-5	7.913	6.697	143900	1626504	0.625	3.422 #
36)	L8 AR-1262-1	7.351	6.150	346386	6302852	2.255	20.623 #
37)	L8 AR-1262-2	7.913	6.417	143900	2893933	0.555	10.645 #
38)	L8 AR-1262-3	8.225	7.008	520222	807088	2.770	3.936 #
39)	L8 AR-1262-4	8.299	7.068	130975	2379338	0.903	6.208 #
40)	L8 AR-1262-5	8.950	7.605	829814	802459	7.887	4.742 #
41)	L9 AR-1268-1	8.225	7.008	520222	807088	1.176	0.919
42)	L9 AR-1268-2	8.299	7.068	130975	2379338	0.327	3.017 #
43)	L9 AR-1268-3	8.540	7.286	335825	851847	0.932	1.226 #

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
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Quant Time: Feb 28 23:46:22 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
44)	L9 AR-1268-4	8.950	7.605	829814	802459	5.262	3.028 #
45)	L9 AR-1268-5	9.339	7.899	704195	1157908	0.611	0.552

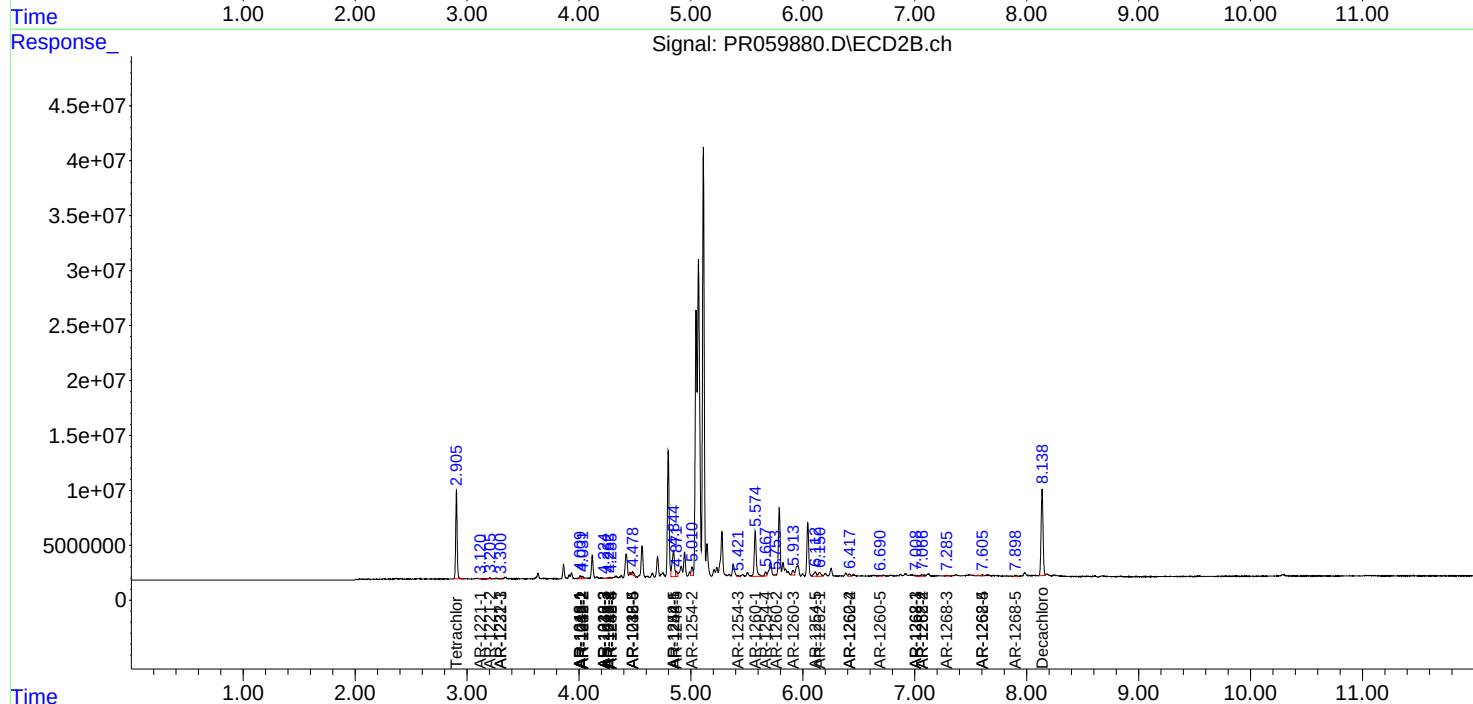
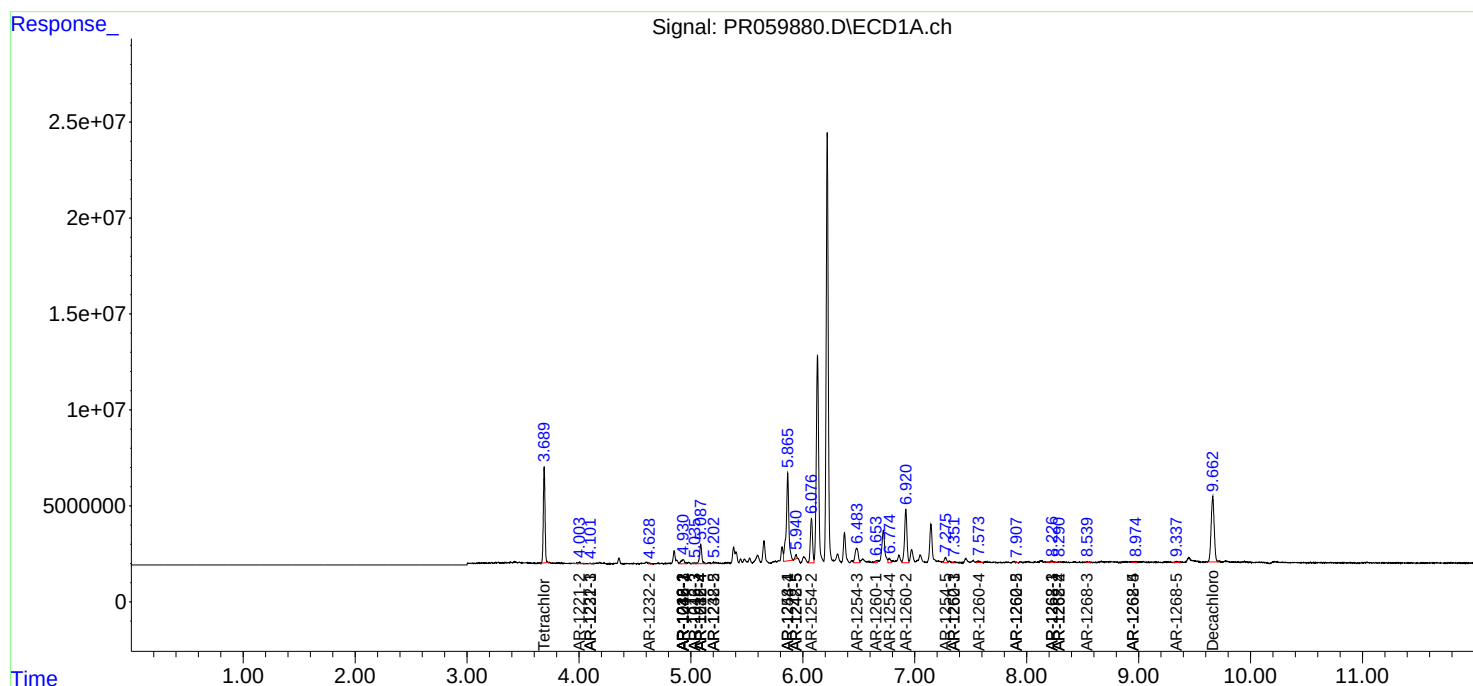
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

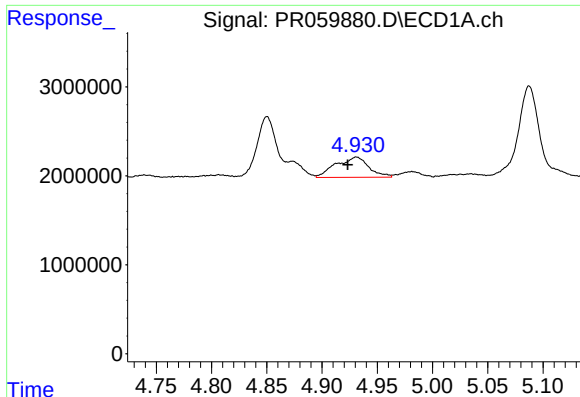
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

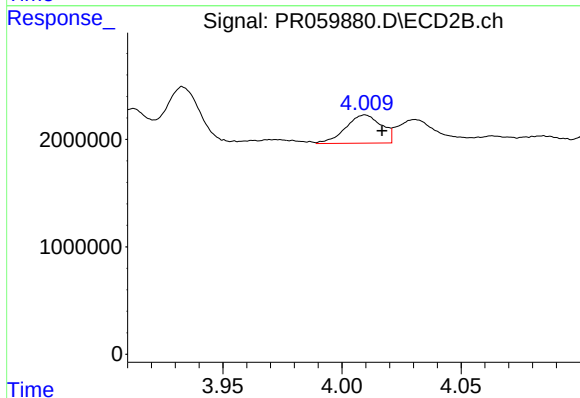




#3 AR-1016-1

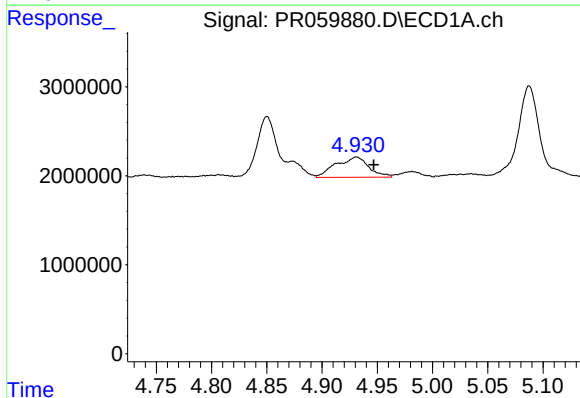
R.T.: 4.931 min
Delta R.T.: 0.008 min
Response: 4711879
Conc: 50.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



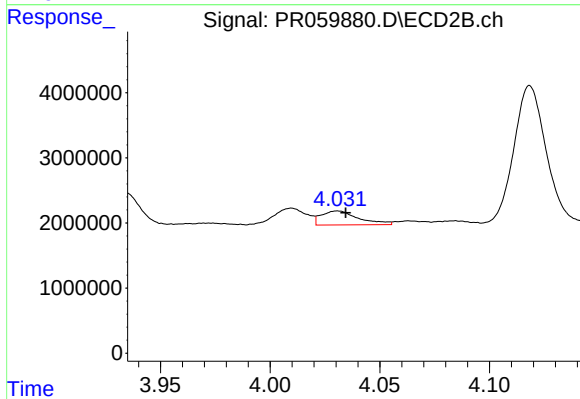
#3 AR-1016-1

R.T.: 4.010 min
Delta R.T.: -0.007 min
Response: 2750470
Conc: 20.04 ng/ml



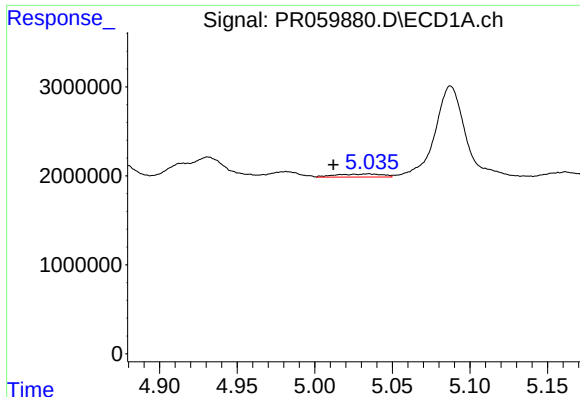
#4 AR-1016-2

R.T.: 4.931 min
Delta R.T.: -0.016 min
Response: 4711879
Conc: 34.93 ng/ml



#4 AR-1016-2

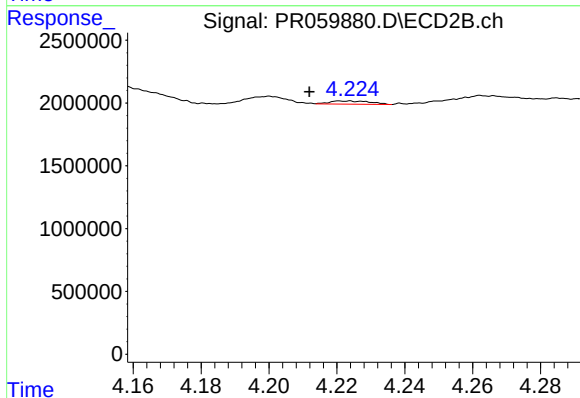
R.T.: 4.031 min
Delta R.T.: -0.004 min
Response: 2548896
Conc: 12.47 ng/ml



#5 AR-1016-3

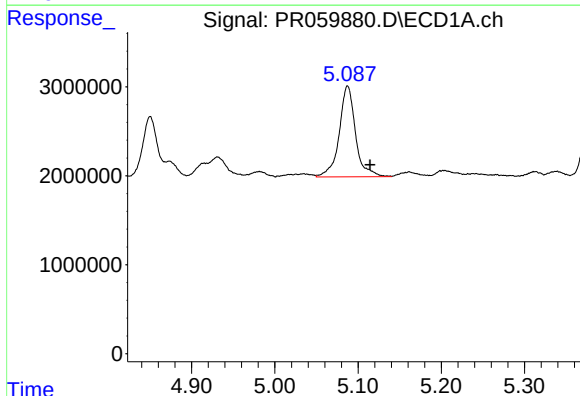
R.T.: 5.034 min
Delta R.T.: 0.022 min
Response: 703564
Conc: 8.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



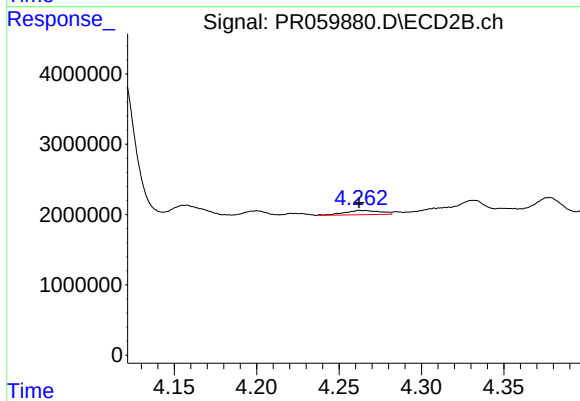
#5 AR-1016-3

R.T.: 4.222 min
Delta R.T.: 0.010 min
Response: 217729
Conc: 2.07 ng/ml



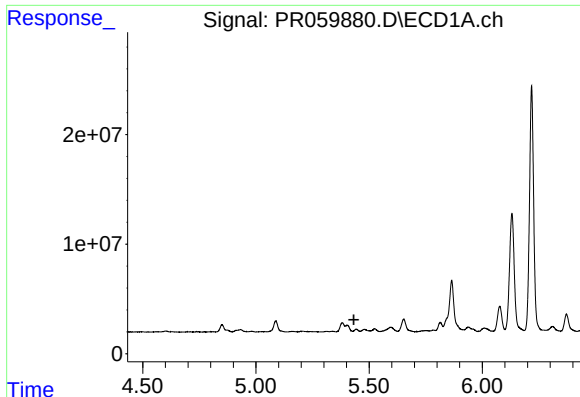
#6 AR-1016-4

R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 13914662
Conc: 200.67 ng/ml



#6 AR-1016-4

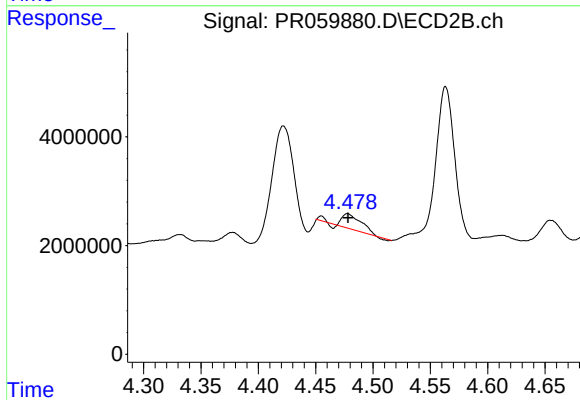
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 922360
Conc: 10.74 ng/ml



#7 AR-1016-5

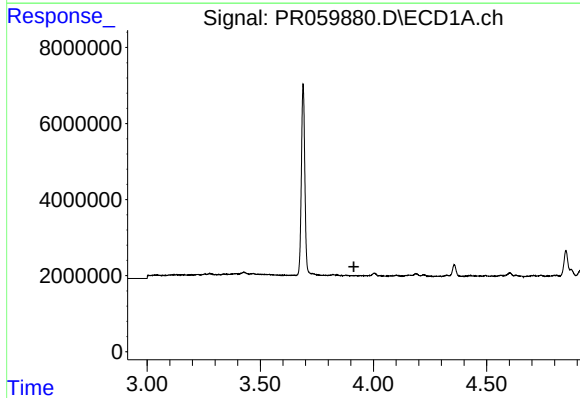
R.T.: 5.443 min
Delta R.T.: 0.010 min
Response: -2281752
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



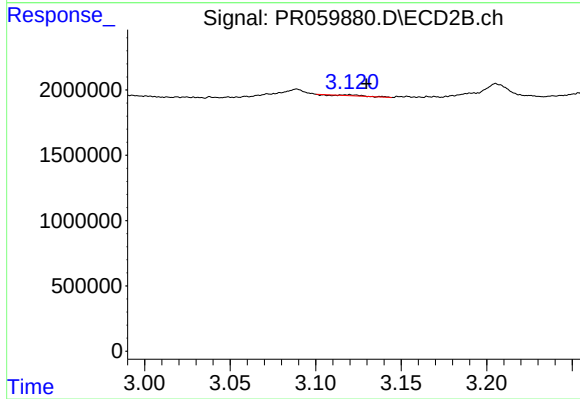
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 3117461
Conc: 27.86 ng/ml



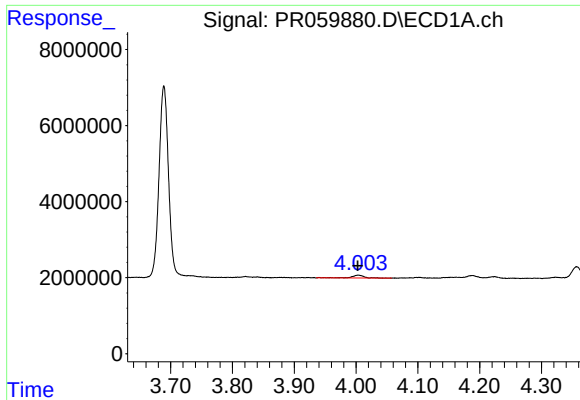
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.914 min
Response: 0
Conc: N.D.



#8 AR-1221-1

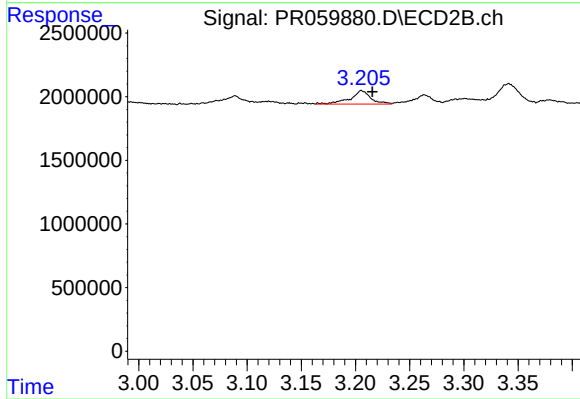
R.T.: 3.120 min
Delta R.T.: -0.010 min
Response: 37290
Conc: 0.76 ng/ml



#9 AR-1221-2

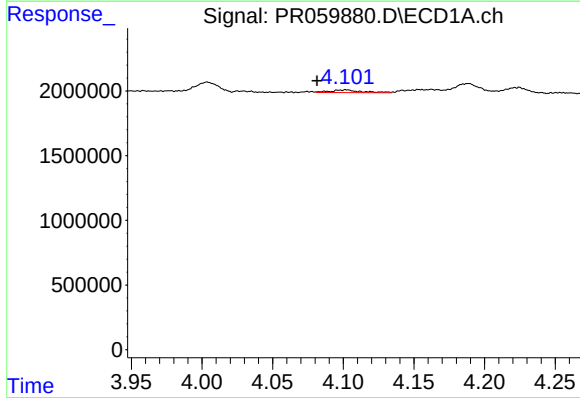
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1080858
Conc: 37.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



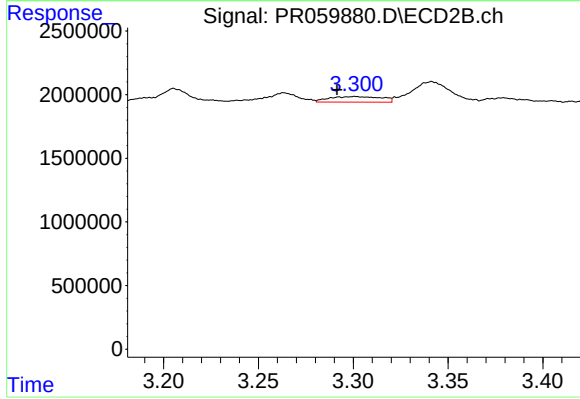
#9 AR-1221-2

R.T.: 3.206 min
Delta R.T.: -0.010 min
Response: 1406672
Conc: 40.76 ng/ml



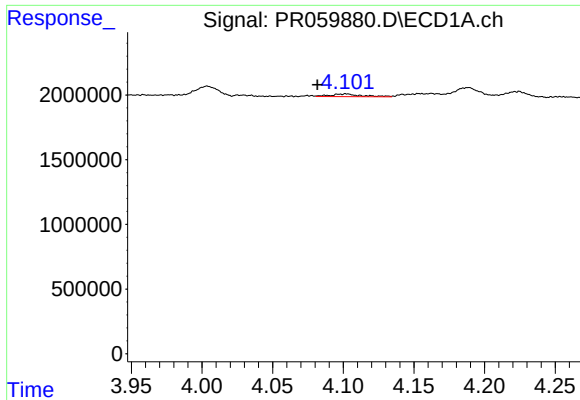
#10 AR-1221-3

R.T.: 4.102 min
Delta R.T.: 0.021 min
Response: 321439
Conc: 3.64 ng/ml



#10 AR-1221-3

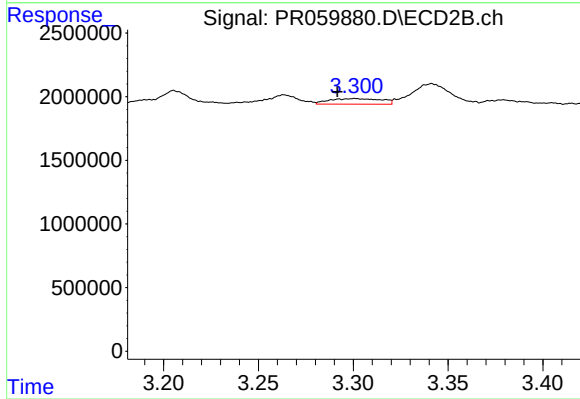
R.T.: 3.301 min
Delta R.T.: 0.009 min
Response: 836444
Conc: 7.22 ng/ml



#11 AR-1232-1

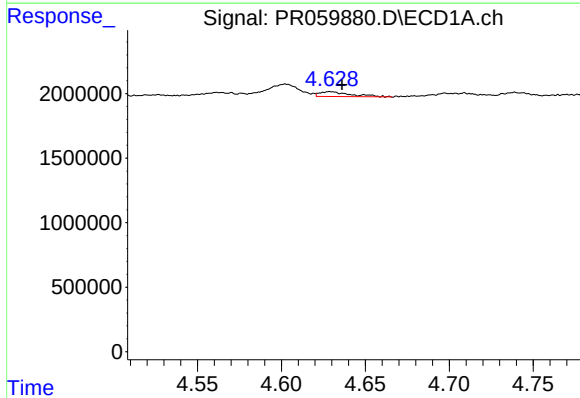
R.T.: 4.102 min
Delta R.T.: 0.021 min
Response: 321439
Conc: 4.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



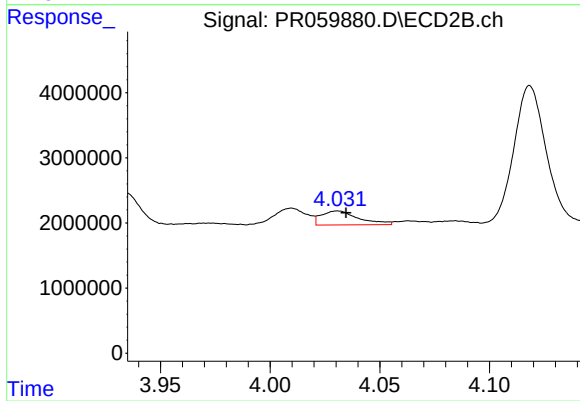
#11 AR-1232-1

R.T.: 3.301 min
Delta R.T.: 0.009 min
Response: 836444
Conc: 8.67 ng/ml



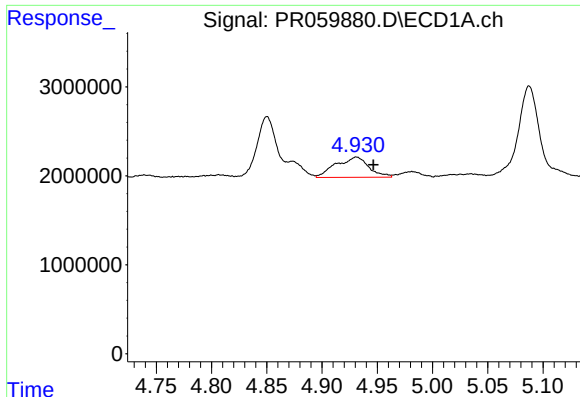
#12 AR-1232-2

R.T.: 4.629 min
Delta R.T.: -0.007 min
Response: 475517
Conc: 14.14 ng/ml



#12 AR-1232-2

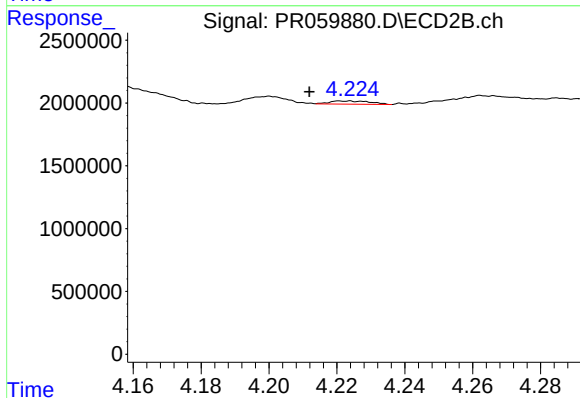
R.T.: 4.031 min
Delta R.T.: -0.004 min
Response: 2548896
Conc: 28.61 ng/ml



#13 AR-1232-3

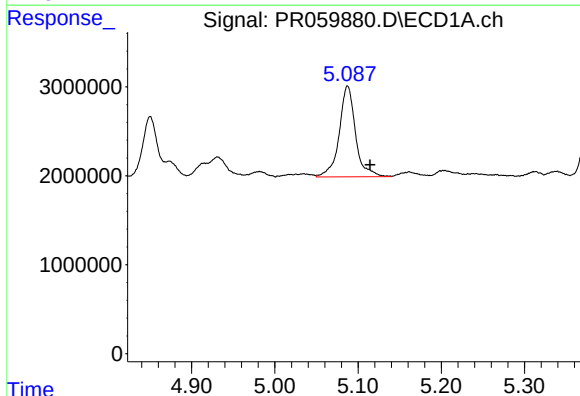
R.T.: 4.931 min
Delta R.T.: -0.015 min
Response: 4711879
Conc: 76.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



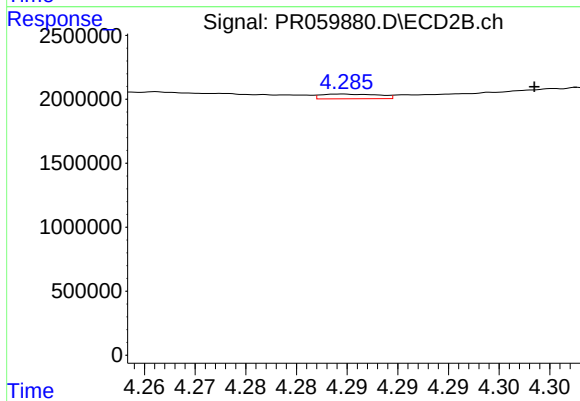
#13 AR-1232-3

R.T.: 4.222 min
Delta R.T.: 0.010 min
Response: 217729
Conc: 4.87 ng/ml



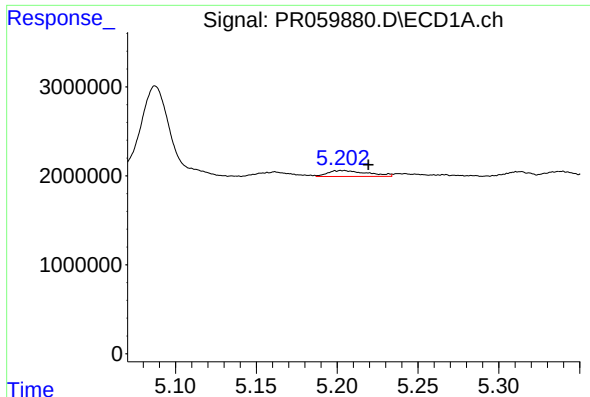
#14 AR-1232-4

R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 13914662
Conc: 451.16 ng/ml



#14 AR-1232-4

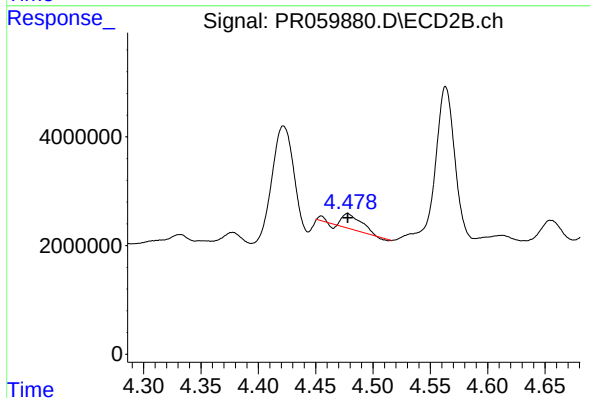
R.T.: 4.285 min
Delta R.T.: -0.018 min
Response: 144835
Conc: 3.50 ng/ml



#15 AR-1232-5

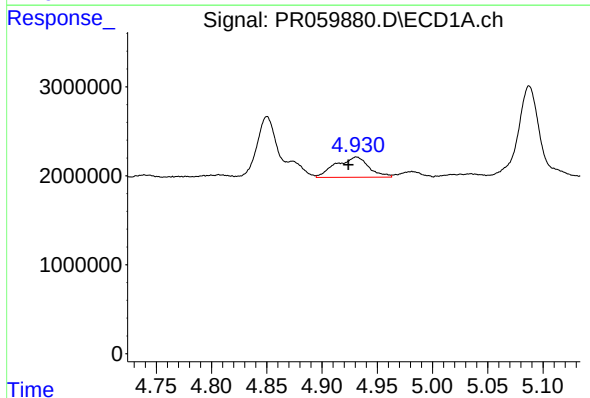
R.T.: 5.204 min
Delta R.T.: -0.016 min
Response: 1143226
Conc: 49.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



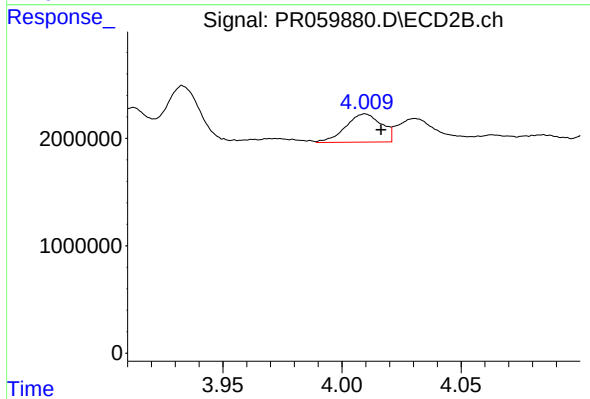
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 3117461
Conc: 67.09 ng/ml



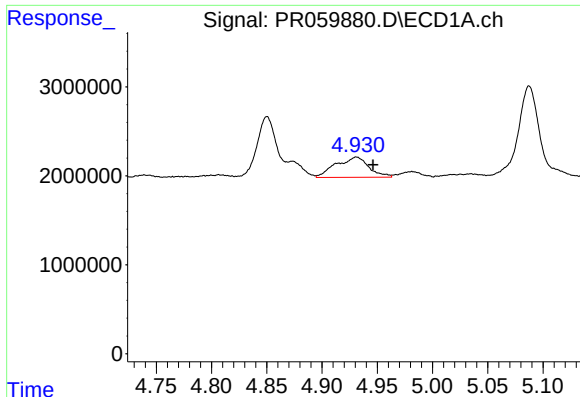
#16 AR-1242-1

R.T.: 4.931 min
Delta R.T.: 0.007 min
Response: 4711879
Conc: 59.97 ng/ml



#16 AR-1242-1

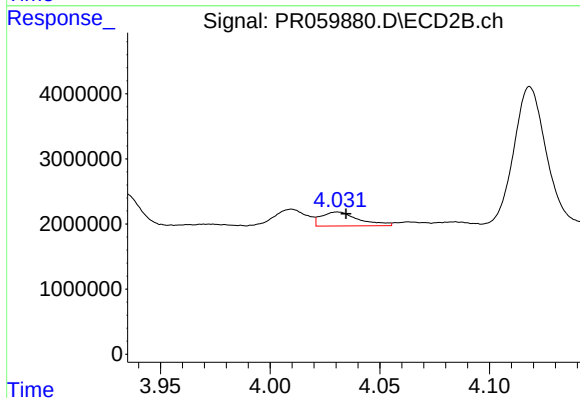
R.T.: 4.010 min
Delta R.T.: -0.007 min
Response: 2750470
Conc: 24.10 ng/ml



#17 AR-1242-2

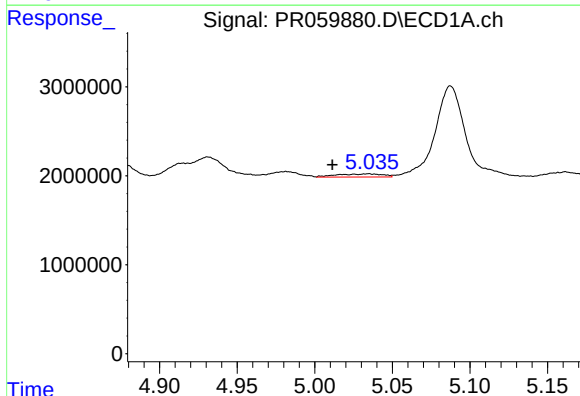
R.T.: 4.931 min
Delta R.T.: -0.015 min
Response: 4711879
Conc: 42.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



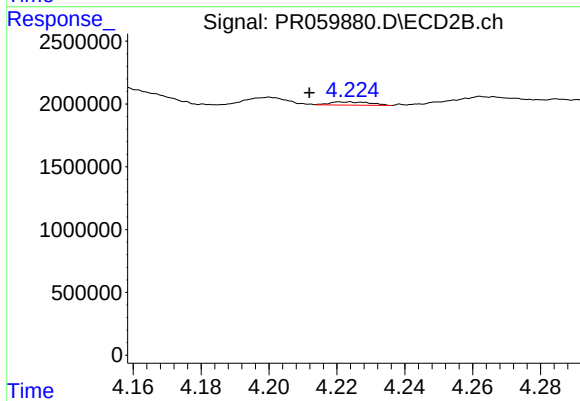
#17 AR-1242-2

R.T.: 4.031 min
Delta R.T.: -0.004 min
Response: 2548896
Conc: 15.23 ng/ml



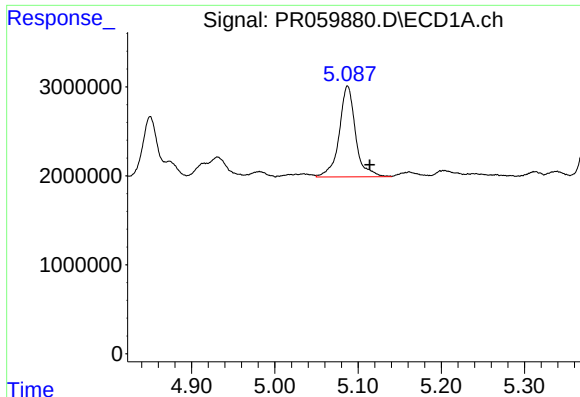
#18 AR-1242-3

R.T.: 5.034 min
Delta R.T.: 0.023 min
Response: 703564
Conc: 9.69 ng/ml



#18 AR-1242-3

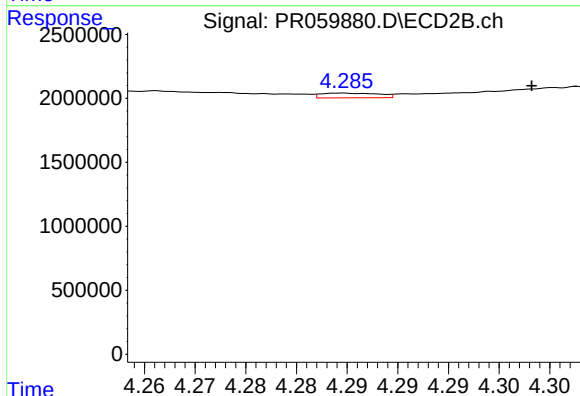
R.T.: 4.222 min
Delta R.T.: 0.010 min
Response: 217729
Conc: 2.52 ng/ml



#19 AR-1242-4

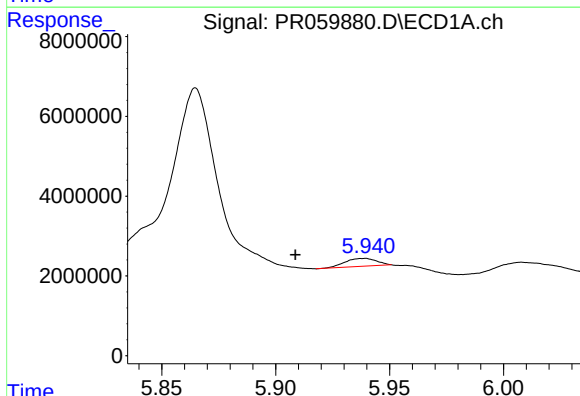
R.T.: 5.088 min
Delta R.T.: -0.027 min
Response: 13914662
Conc: 241.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



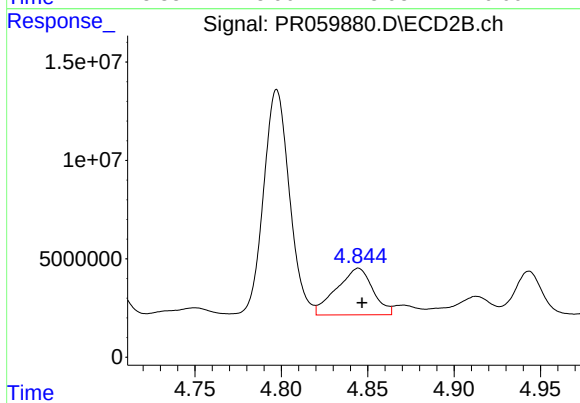
#19 AR-1242-4

R.T.: 4.285 min
Delta R.T.: -0.018 min
Response: 144835
Conc: 1.69 ng/ml



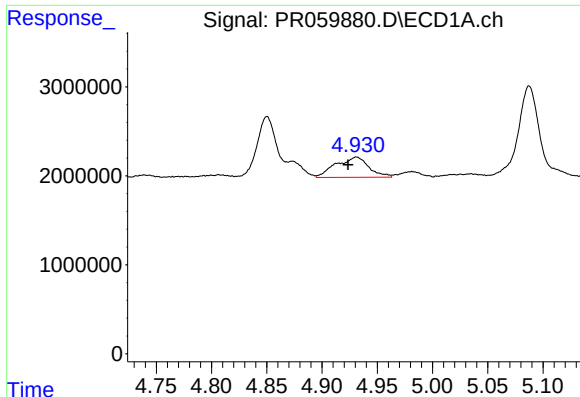
#20 AR-1242-5

R.T.: 5.939 min
Delta R.T.: 0.030 min
Response: 1759276
Conc: 32.56 ng/ml



#20 AR-1242-5

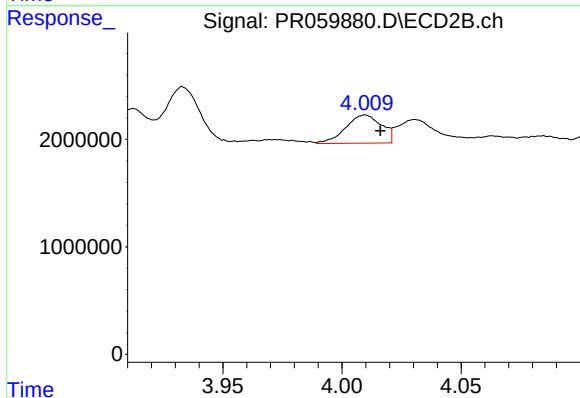
R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 34724761
Conc: 336.27 ng/ml



#21 AR-1248-1

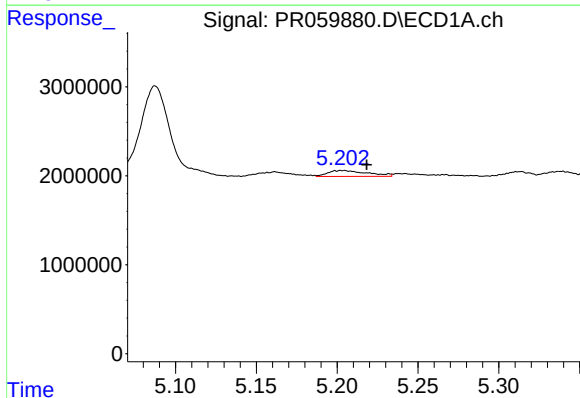
R.T.: 4.931 min
Delta R.T.: 0.008 min
Response: 4711879
Conc: 77.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



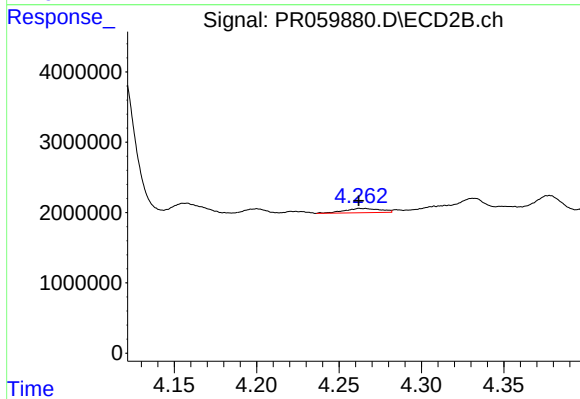
#21 AR-1248-1

R.T.: 4.010 min
Delta R.T.: -0.006 min
Response: 2750470
Conc: 31.60 ng/ml



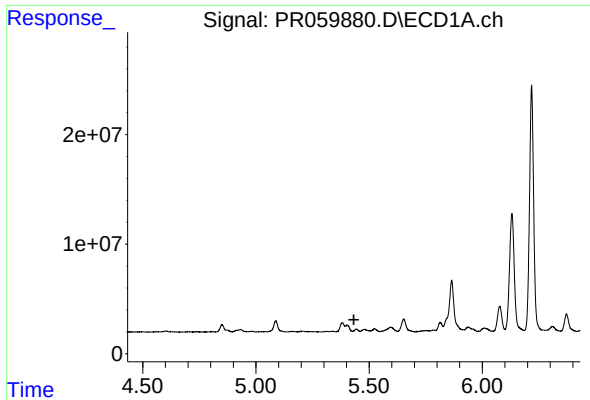
#22 AR-1248-2

R.T.: 5.204 min
Delta R.T.: -0.015 min
Response: 1143226
Conc: 14.08 ng/ml



#22 AR-1248-2

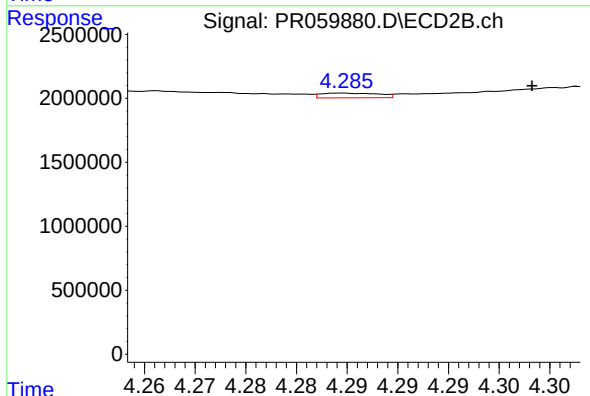
R.T.: 4.263 min
Delta R.T.: 0.001 min
Response: 922360
Conc: 7.15 ng/ml



#23 AR-1248-3

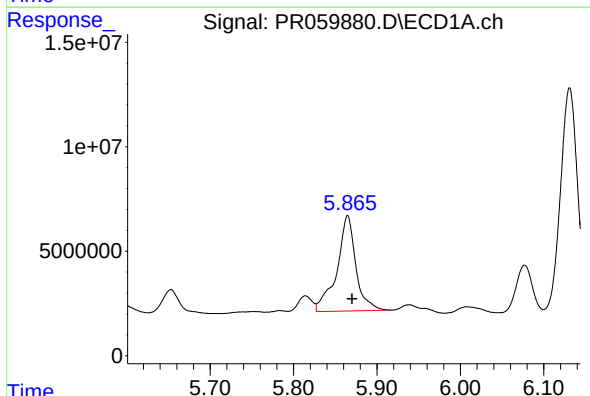
R.T.: 5.443 min
Delta R.T.: 0.010 min
Response: -2281752
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



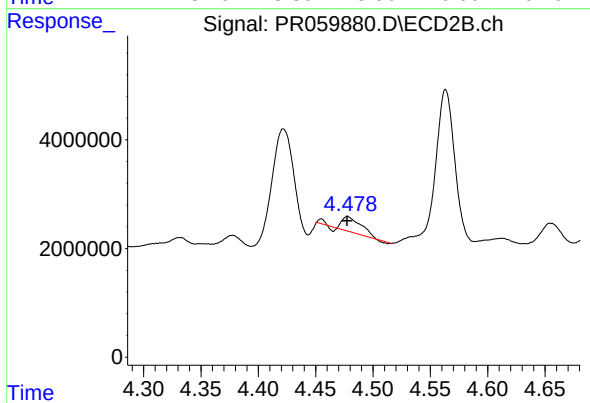
#23 AR-1248-3

R.T.: 4.285 min
Delta R.T.: -0.018 min
Response: 144835
Conc: 1.11 ng/ml



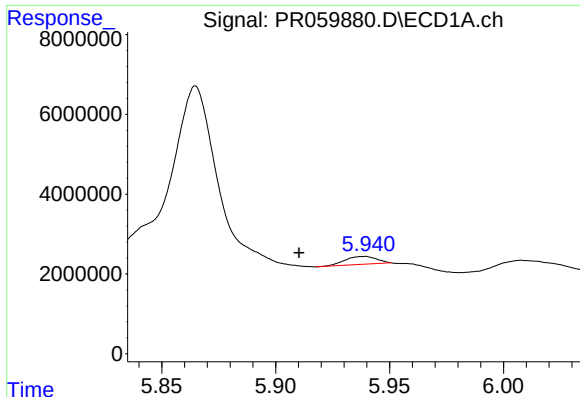
#24 AR-1248-4

R.T.: 5.865 min
Delta R.T.: -0.005 min
Response: 72451398
Conc: 753.83 ng/ml



#24 AR-1248-4

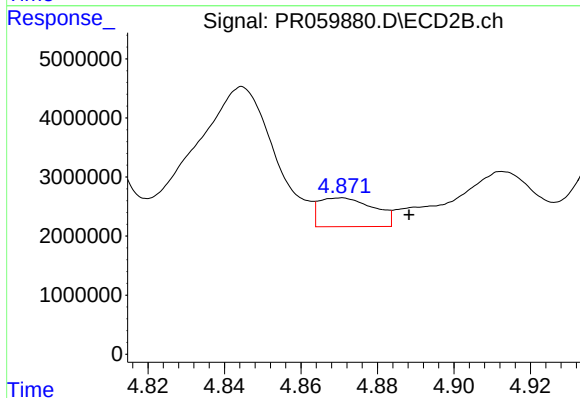
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 3117461
Conc: 19.76 ng/ml



#25 AR-1248-5

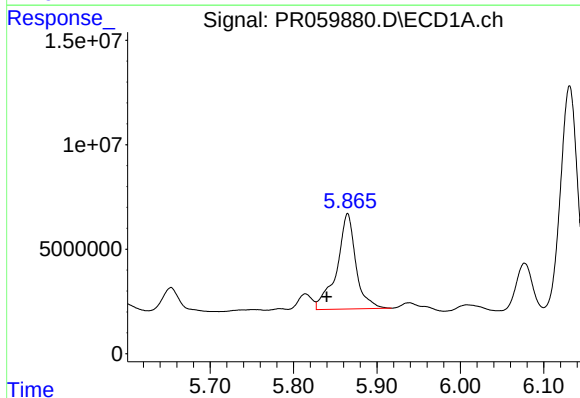
R.T.: 5.939 min
Delta R.T.: 0.028 min
Response: 1759276
Conc: 18.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



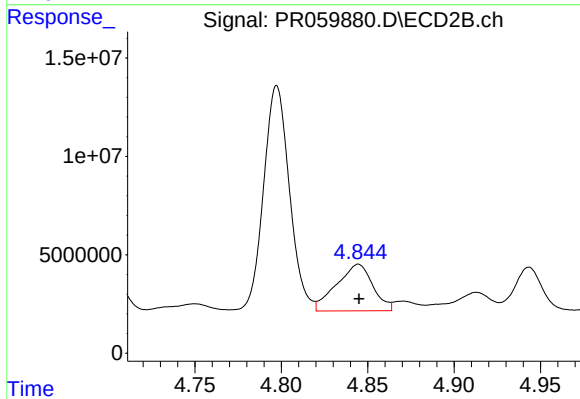
#25 AR-1248-5

R.T.: 4.870 min
Delta R.T.: -0.018 min
Response: 4827503
Conc: 33.88 ng/ml



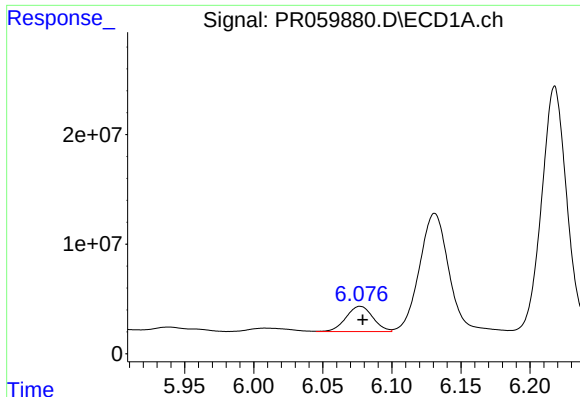
#26 AR-1254-1

R.T.: 5.865 min
Delta R.T.: 0.025 min
Response: 72451398
Conc: 722.81 ng/ml



#26 AR-1254-1

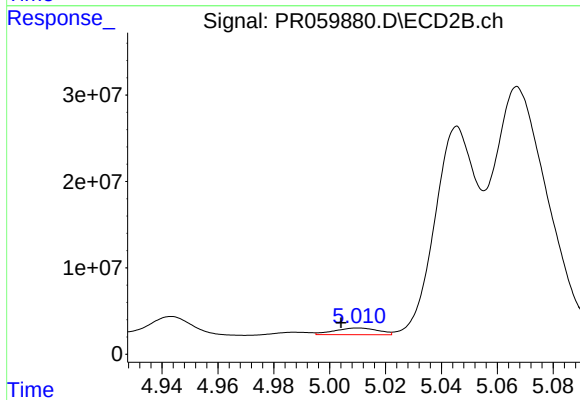
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 34724761
Conc: 149.32 ng/ml



#27 AR-1254-2

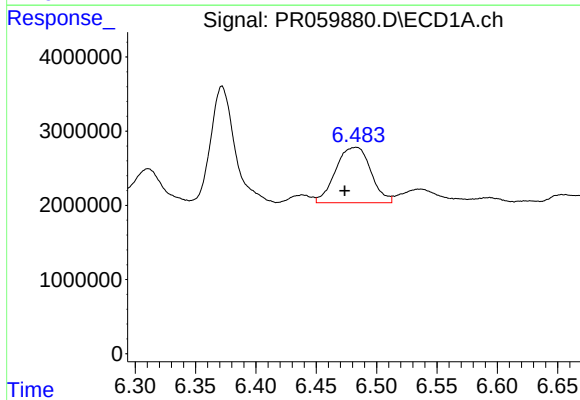
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 31116715
Conc: 204.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



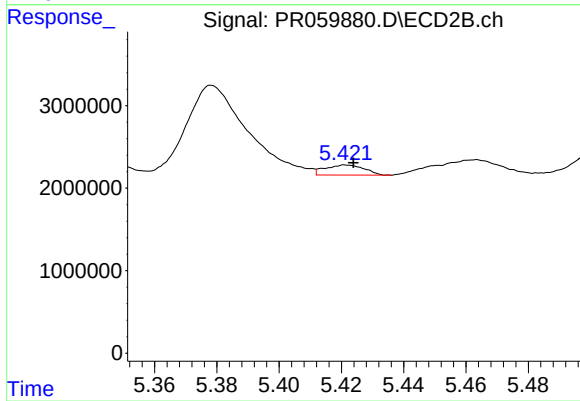
#27 AR-1254-2

R.T.: 5.010 min
Delta R.T.: 0.006 min
Response: 8284043
Conc: 41.26 ng/ml



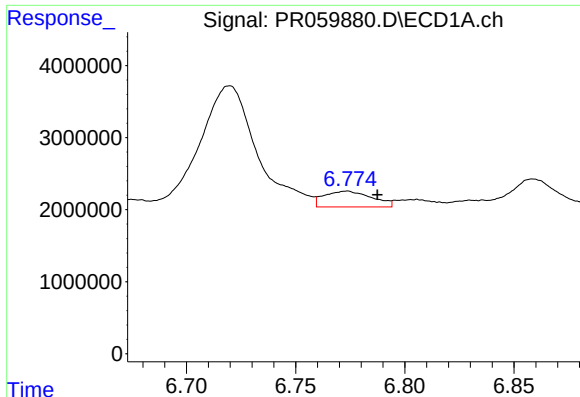
#28 AR-1254-3

R.T.: 6.483 min
Delta R.T.: 0.009 min
Response: 15127816
Conc: 97.35 ng/ml



#28 AR-1254-3

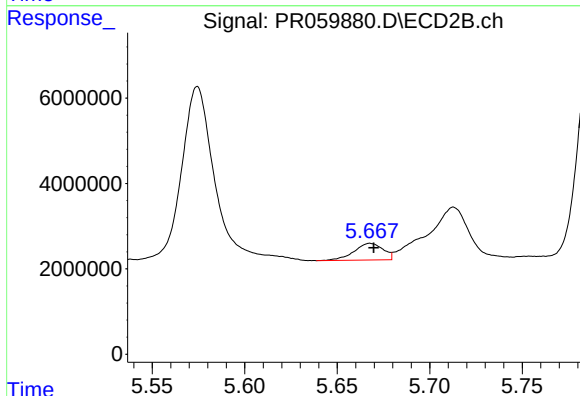
R.T.: 5.422 min
Delta R.T.: -0.002 min
Response: 1064156
Conc: 3.32 ng/ml



#29 AR-1254-4

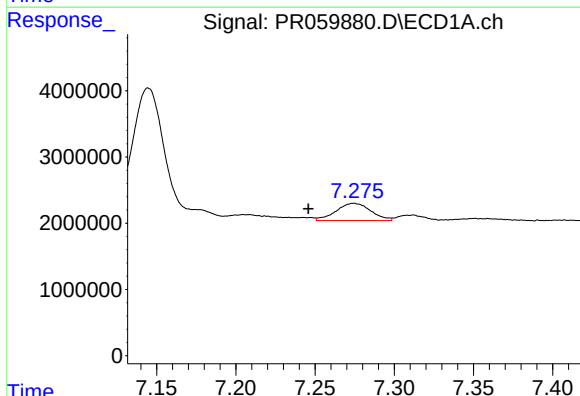
R.T.: 6.773 min
Delta R.T.: -0.014 min
Response: 3351900
Conc: 30.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



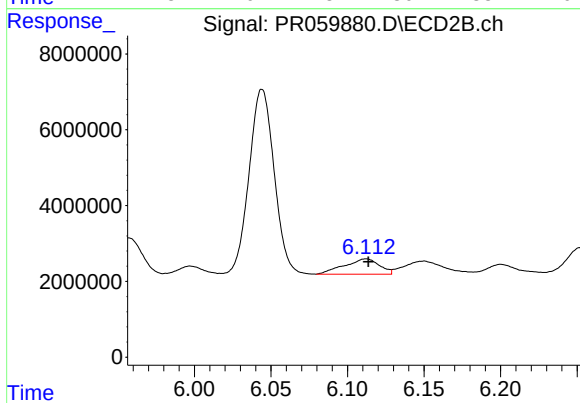
#29 AR-1254-4

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 4279751
Conc: 23.86 ng/ml



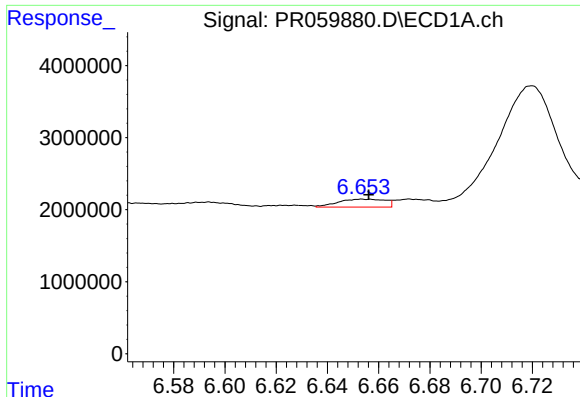
#30 AR-1254-5

R.T.: 7.275 min
Delta R.T.: 0.029 min
Response: 4011432
Conc: 32.70 ng/ml



#30 AR-1254-5

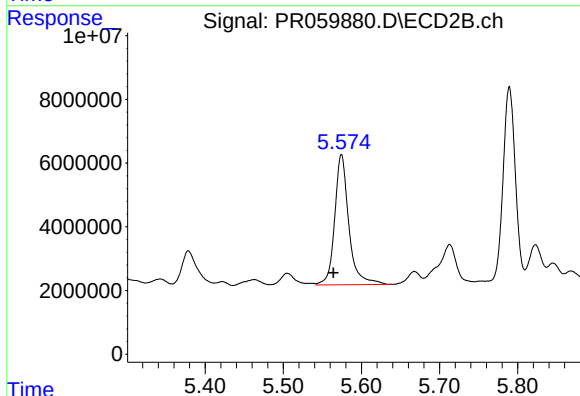
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 6426353
Conc: 23.24 ng/ml



#31 AR-1260-1

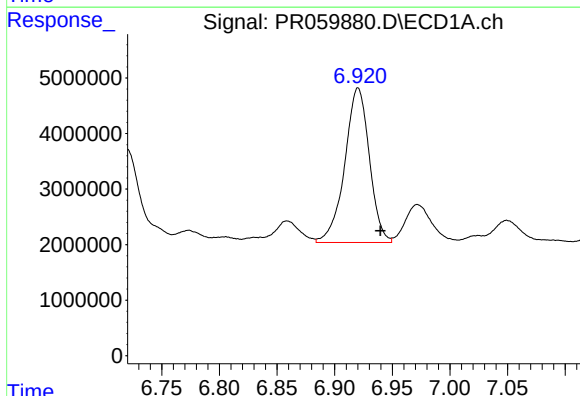
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 1398113
Conc: 11.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



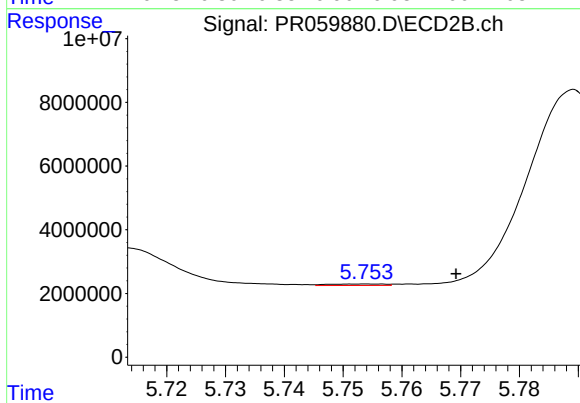
#31 AR-1260-1

R.T.: 5.574 min
Delta R.T.: 0.010 min
Response: 51382845
Conc: 224.68 ng/ml



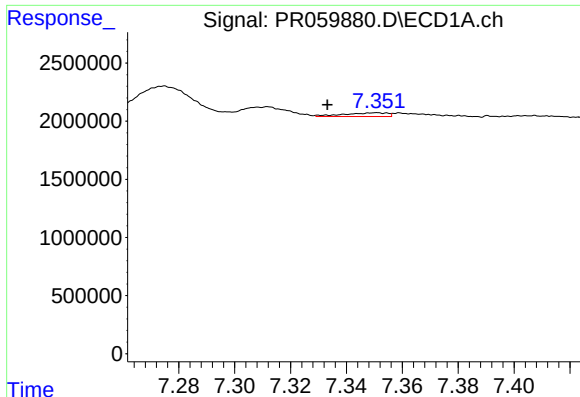
#32 AR-1260-2

R.T.: 6.920 min
Delta R.T.: -0.019 min
Response: 41405291
Conc: 294.72 ng/ml



#32 AR-1260-2

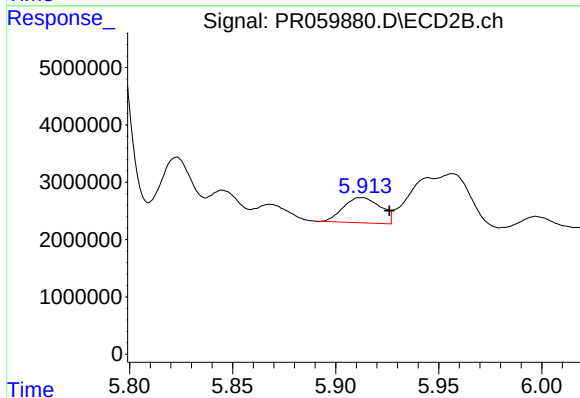
R.T.: 5.754 min
Delta R.T.: -0.015 min
Response: 318388
Conc: 1.18 ng/ml



#33 AR-1260-3

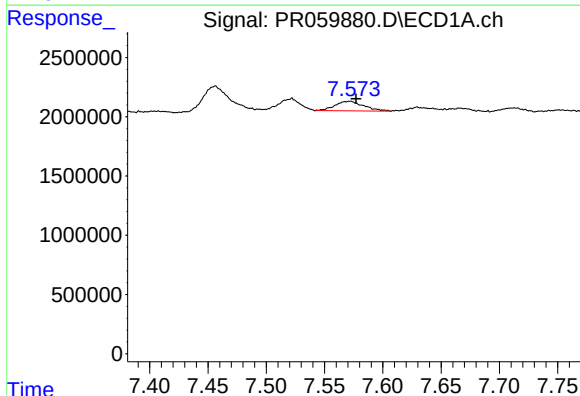
R.T.: 7.351 min
Delta R.T.: 0.018 min
Response: 346386
Conc: 3.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



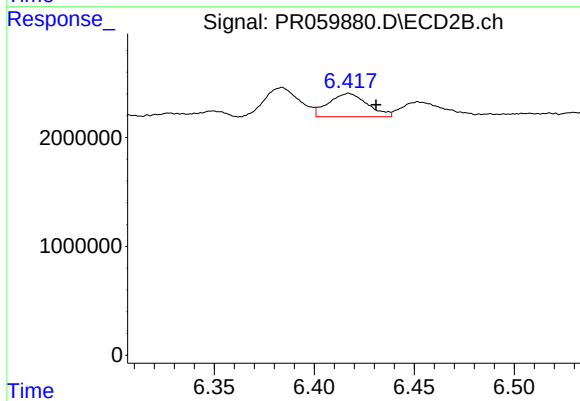
#33 AR-1260-3

R.T.: 5.913 min
Delta R.T.: -0.014 min
Response: 5504600
Conc: 21.73 ng/ml



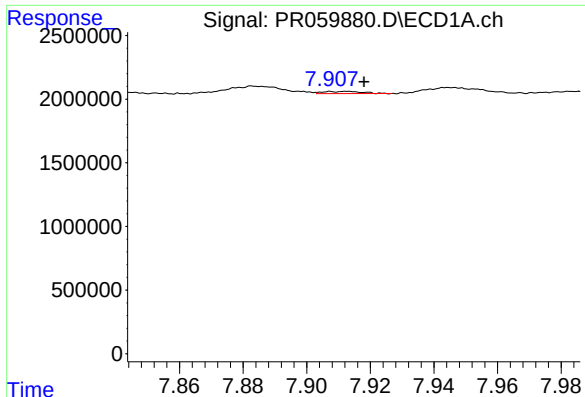
#34 AR-1260-4

R.T.: 7.572 min
Delta R.T.: -0.005 min
Response: 1377932
Conc: 11.17 ng/ml



#34 AR-1260-4

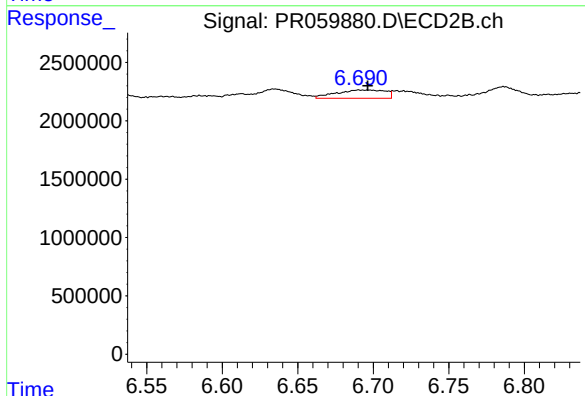
R.T.: 6.417 min
Delta R.T.: -0.014 min
Response: 2893933
Conc: 13.76 ng/ml



#35 AR-1260-5

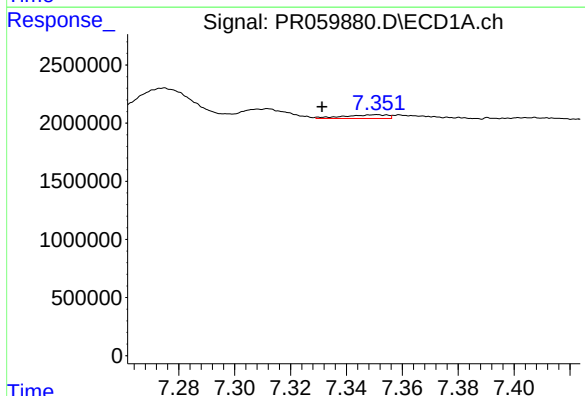
R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 143900
Conc: 0.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



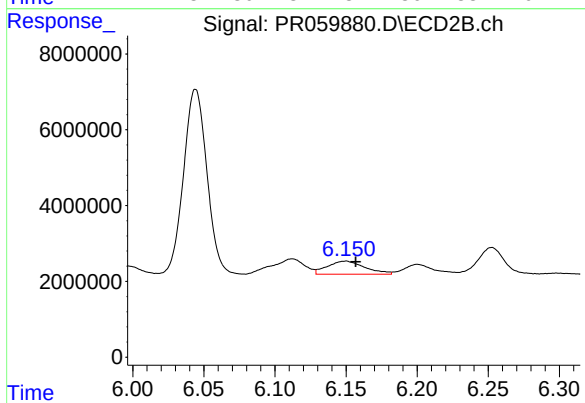
#35 AR-1260-5

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 1626504
Conc: 3.42 ng/ml



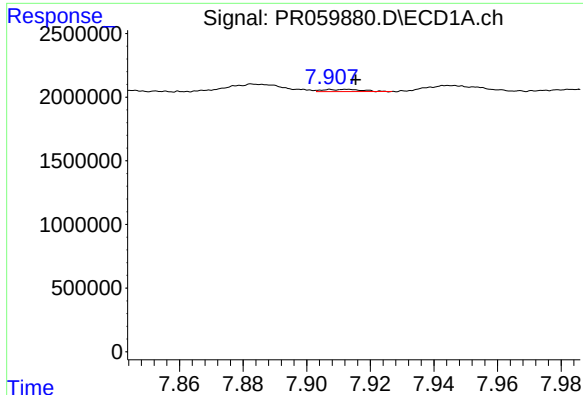
#36 AR-1262-1

R.T.: 7.351 min
Delta R.T.: 0.019 min
Response: 346386
Conc: 2.26 ng/ml



#36 AR-1262-1

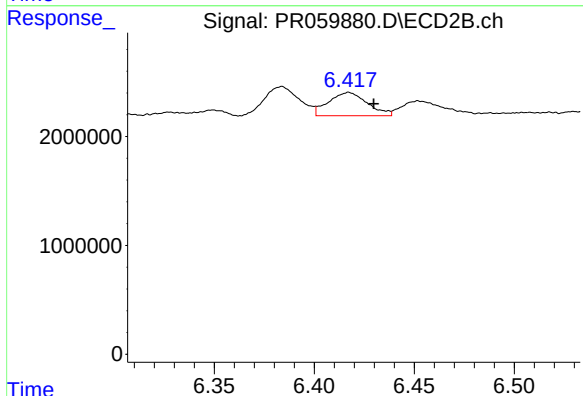
R.T.: 6.150 min
Delta R.T.: -0.007 min
Response: 6302852
Conc: 20.62 ng/ml



#37 AR-1262-2

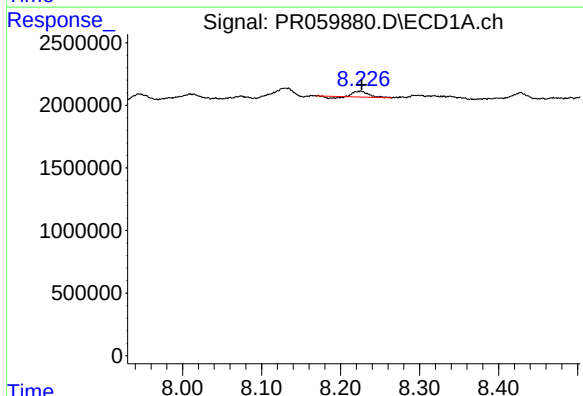
R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 143900
Conc: 0.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



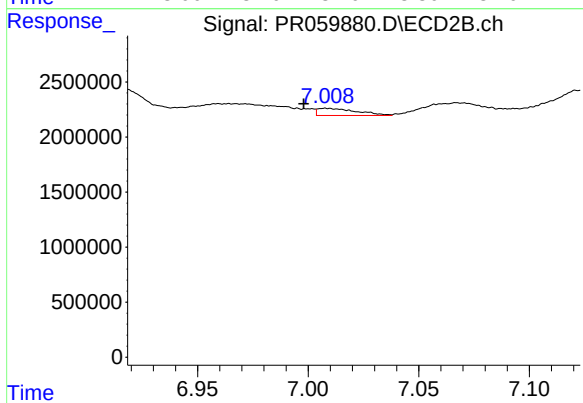
#37 AR-1262-2

R.T.: 6.417 min
Delta R.T.: -0.013 min
Response: 2893933
Conc: 10.64 ng/ml



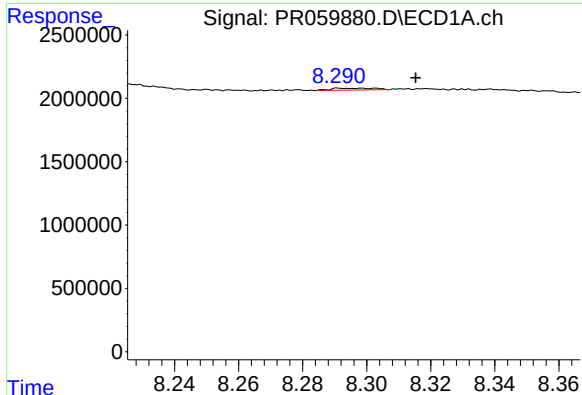
#38 AR-1262-3

R.T.: 8.225 min
Delta R.T.: -0.002 min
Response: 520222
Conc: 2.77 ng/ml



#38 AR-1262-3

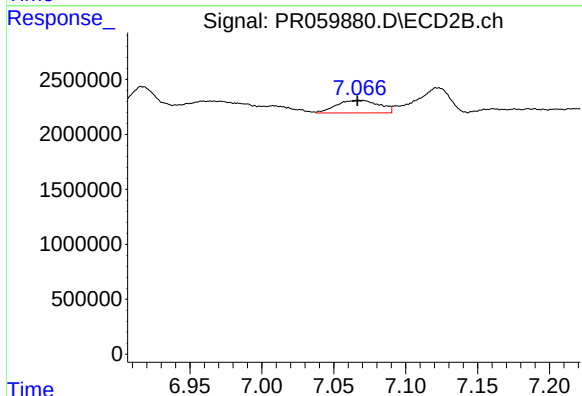
R.T.: 7.008 min
Delta R.T.: 0.010 min
Response: 807088
Conc: 3.94 ng/ml



#39 AR-1262-4

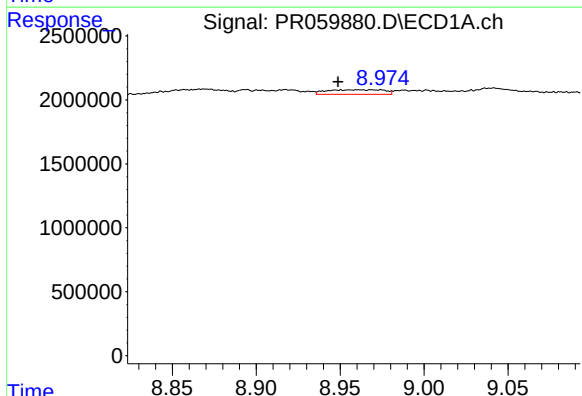
R.T.: 8.299 min
Delta R.T.: -0.017 min
Response: 130975
Conc: 0.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



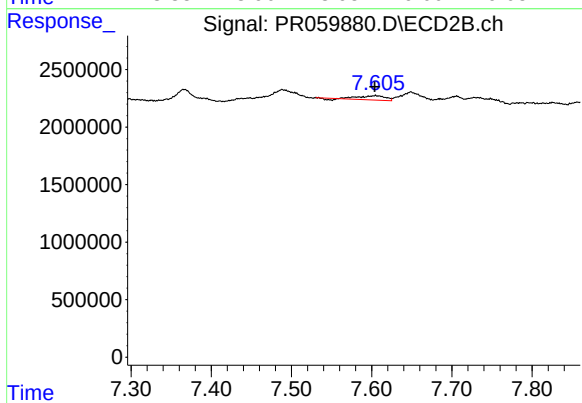
#39 AR-1262-4

R.T.: 7.068 min
Delta R.T.: 0.001 min
Response: 2379338
Conc: 6.21 ng/ml



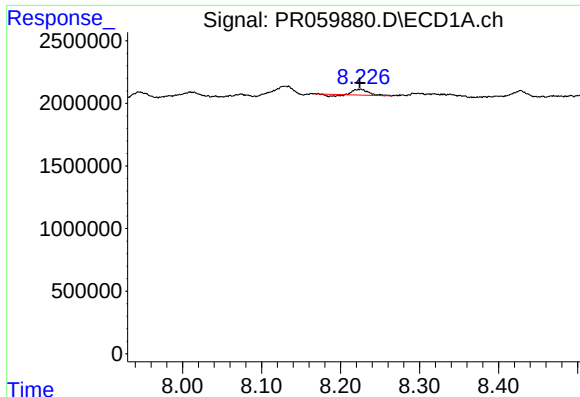
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: 0.002 min
Response: 829814
Conc: 7.89 ng/ml



#40 AR-1262-5

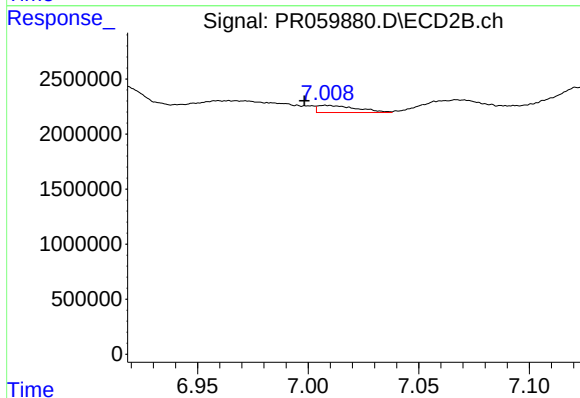
R.T.: 7.605 min
Delta R.T.: 0.001 min
Response: 802459
Conc: 4.74 ng/ml



#41 AR-1268-1

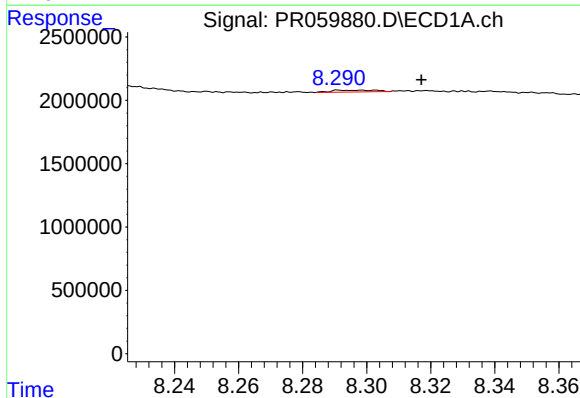
R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 520222
Conc: 1.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



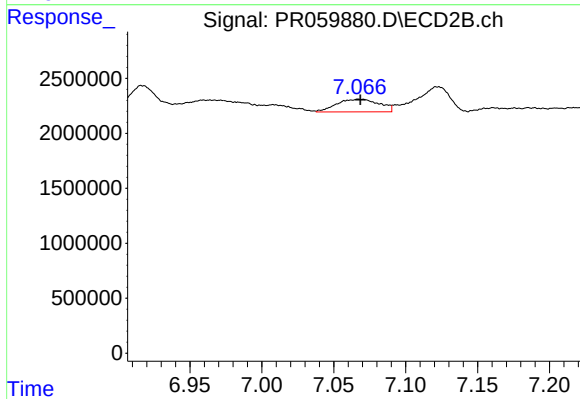
#41 AR-1268-1

R.T.: 7.008 min
Delta R.T.: 0.010 min
Response: 807088
Conc: 0.92 ng/ml



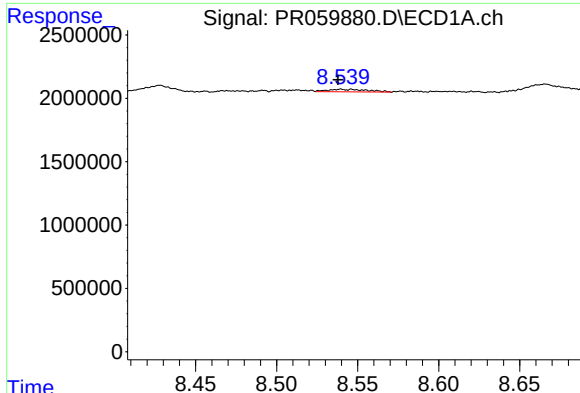
#42 AR-1268-2

R.T.: 8.299 min
Delta R.T.: -0.019 min
Response: 130975
Conc: 0.33 ng/ml



#42 AR-1268-2

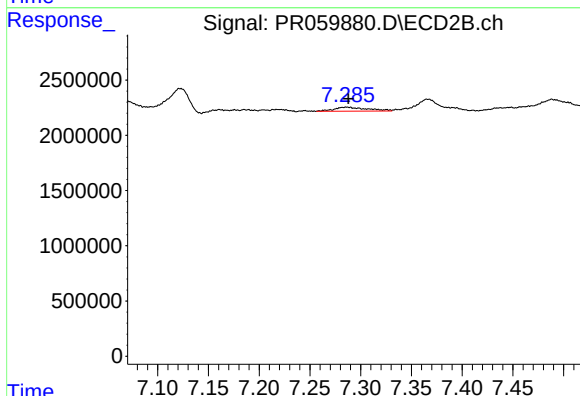
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 2379338
Conc: 3.02 ng/ml



#43 AR-1268-3

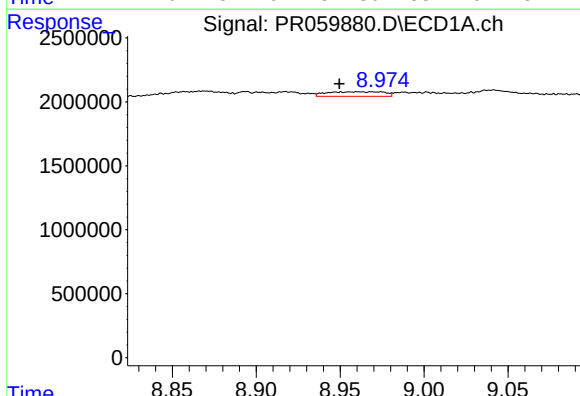
R.T.: 8.540 min
Delta R.T.: 0.002 min
Response: 335825
Conc: 0.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



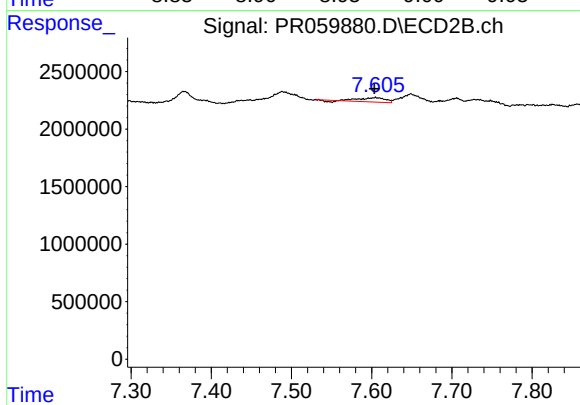
#43 AR-1268-3

R.T.: 7.286 min
Delta R.T.: -0.001 min
Response: 851847
Conc: 1.23 ng/ml



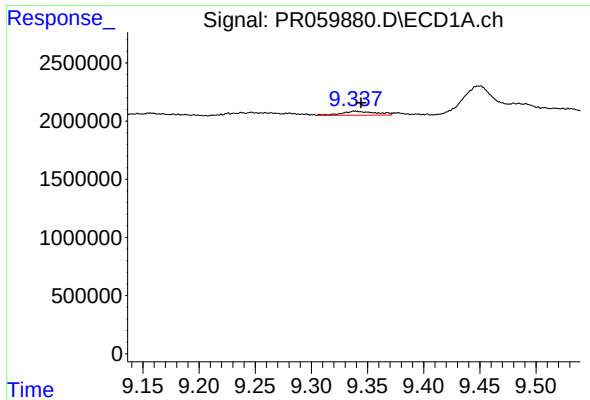
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 829814
Conc: 5.26 ng/ml



#44 AR-1268-4

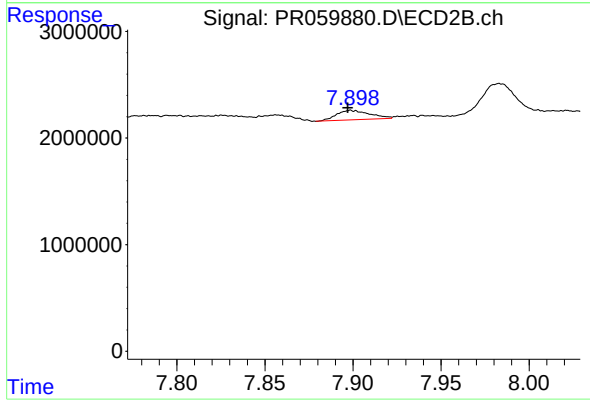
R.T.: 7.605 min
Delta R.T.: 0.001 min
Response: 802459
Conc: 3.03 ng/ml



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.005 min
Response: 704195
Conc: 0.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 1157908
Conc: 0.55 ng/ml