

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
 Data File : PR043591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2019 03:23
 Operator : SM\AJ
 Sample : K6155-22
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 04:56:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 2019
 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...	4.709	3.969	130.1E6	171.5E6	23.397	22.207
2)	SA Decachlor...	10.617	9.057	126.0E6	270.6E6	33.454	27.347
Target Compounds							
3)	L1 AR-1016-1	5.889	5.062	633153	877571	3.270	2.153 #
4)	L1 AR-1016-2	5.911	5.062	964121	877571	3.521	1.571 #
5)	L1 AR-1016-3	5.979	5.298f	542980	4833073	3.297	16.177 #
6)	L1 AR-1016-4	6.049	5.298	1707467	4833073	12.398	20.093 #
7)	L1 AR-1016-5	6.365	0.000	2553373	0	18.479	N.D. #
8)	L2 AR-1221-1	4.903	4.224f	1060287	5805471	18.483	68.094 #
9)	L2 AR-1221-2	5.021	4.224f	4826548	5805471	118.105	94.832
10)	L2 AR-1221-3	5.078	4.320	10162470	20617802	73.941	94.374 #
11)	L3 AR-1232-1	5.078	4.320	10162470	20617802	94.543	122.222 #
12)	L3 AR-1232-2	5.610	5.062	5541877	877571	100.132	3.761 #
13)	L3 AR-1232-3	5.911	5.298f	964121	4833073	8.502	39.495 #
14)	L3 AR-1232-4	6.049	5.298f	1707467	4833073	29.376	45.530 #
15)	L3 AR-1232-5	6.163	0.000	2342900	0	52.473	N.D. #
16)	L4 AR-1242-1	5.889	5.062	633153	877571	3.895	2.654 #
17)	L4 AR-1242-2	5.911	5.062	964121	877571	4.226	1.920 #
18)	L4 AR-1242-3	5.979	5.298f	542980	4833073	3.948	19.831 #
19)	L4 AR-1242-4	6.049	5.298f	1707467	4833073	14.875	20.516 #
20)	L4 AR-1242-5	6.811	5.868	1879912	19645928	14.779	57.631 #
21)	L5 AR-1248-1	5.889	5.062	633153	877571	5.334	3.586 #
22)	L5 AR-1248-2	6.163	5.298	2342900	4833073	14.380	14.904
23)	L5 AR-1248-3	6.365	5.298f	2553373	4833073	14.063	14.675
24)	L5 AR-1248-4	6.783	0.000	3693533	0	17.644	N.D. #
25)	L5 AR-1248-5	6.811	5.868f	1879912	19645928	9.469	44.203 #
26)	L6 AR-1254-1	6.738	5.868	9739957	19645928	44.562	27.575 #
27)	L6 AR-1254-2	6.960	6.039	9420821	6701065	27.937	10.476 #
28)	L6 AR-1254-3	7.331	6.421	7221415	25224432	20.646	24.918
29)	L6 AR-1254-4	7.614	6.648	4847024	18545880	19.397	25.755 #
30)	L6 AR-1254-5	8.034	7.067	15939549	37642677	61.854	44.188 #
31)	L7 AR-1260-1	7.491	6.552	5811638	19228366	23.322	28.382
32)	L7 AR-1260-2	7.747	6.737	15653091	37359525	52.687	38.560 #
33)	L7 AR-1260-3	8.106	6.893	5186058	21720426	23.409	27.813
34)	L7 AR-1260-4	8.341	7.364	9942375	9029206	39.527	14.232 #
35)	L7 AR-1260-5	8.682	7.605	9840900	29121507	20.407	17.109
36)	L8 AR-1262-1	8.166	7.067	1573813	37642677	11.822	76.124 #
37)	L8 AR-1262-2	8.682	7.605	9840900	29121507	17.277	15.306
38)	L8 AR-1262-3	9.014	7.889	3483017	11125228	9.620	14.585 #
39)	L8 AR-1262-4	9.111	7.954	3969290	20635792	14.913	16.624
40)	L8 AR-1262-5	9.812	8.468	2287351	7584630	12.147	13.308
41)	L9 AR-1268-1	9.014	7.889	3483017	11125228	5.443	5.184

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
 Data File : PR043591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2019 03:23
 Operator : SM\AJ
 Sample : K6155-22
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 04:56:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 2019
 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
42) L9	AR-1268-2	9.111	7.954	3969290	20635792	6.889	11.373 #
43) L9	AR-1268-3	9.353	8.170	1651029	230.5E6	3.507	149.691 #
44) L9	AR-1268-4	9.812	8.468	2287351	7584630	11.195	12.368
45) L9	AR-1268-5	10.255	8.783	4796777	9051819	3.067	2.139 #

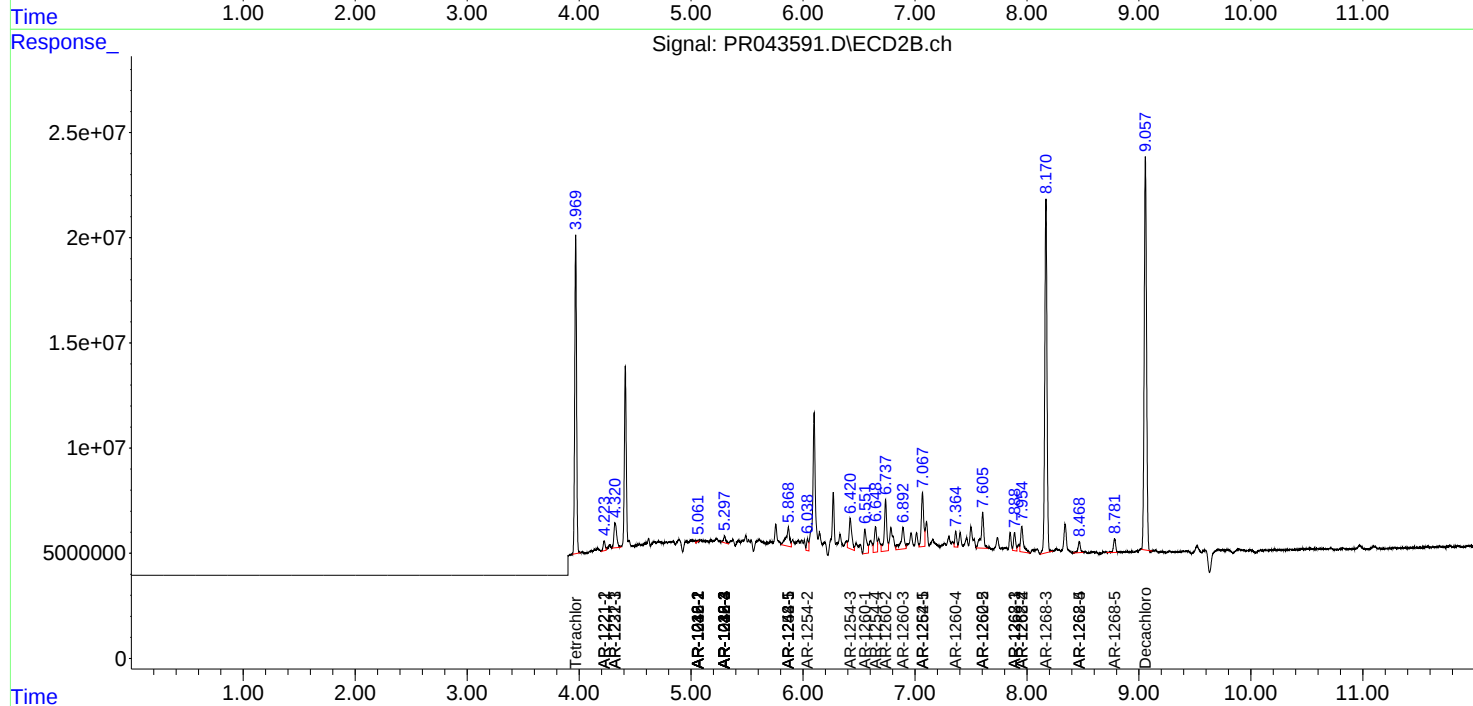
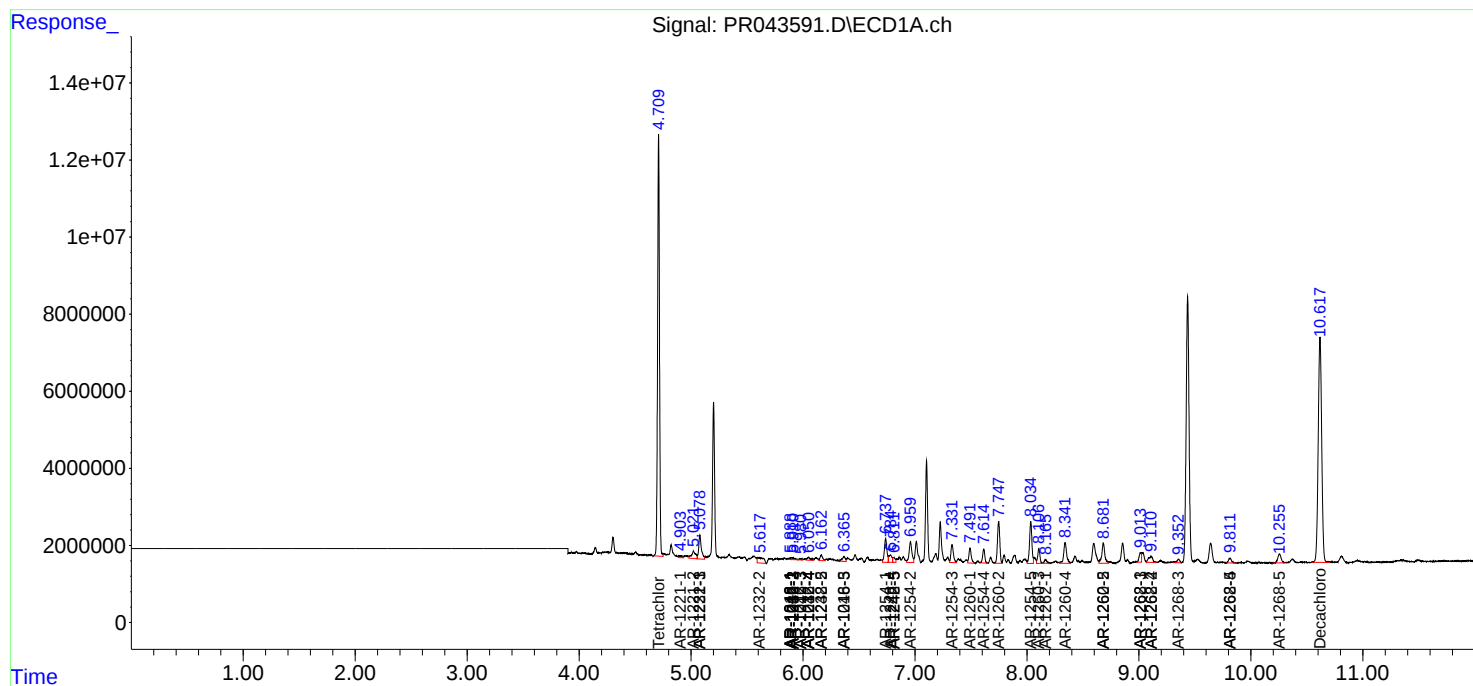
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

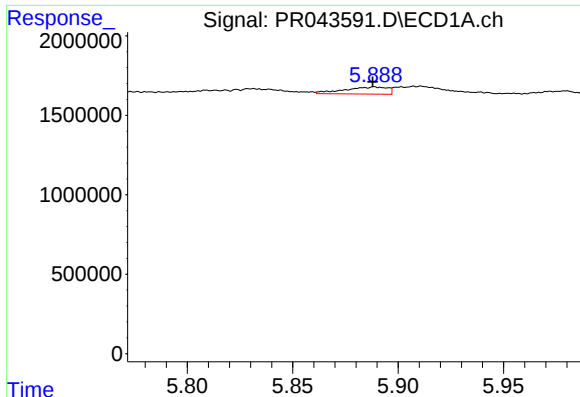
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
Data File : PR043591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2019 03:23
Operator : SM\AJ
Sample : K6155-22
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 04:56:58 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 03:51:56 2019
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

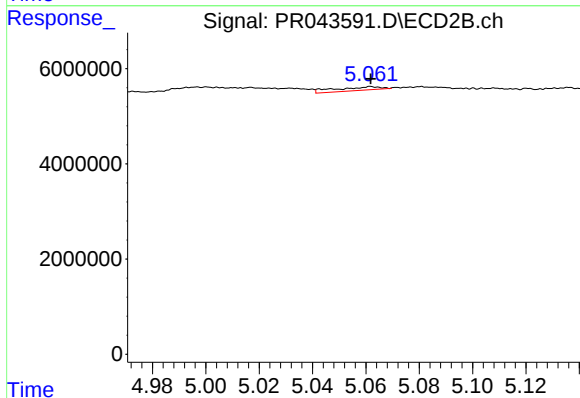




#3 AR-1016-1

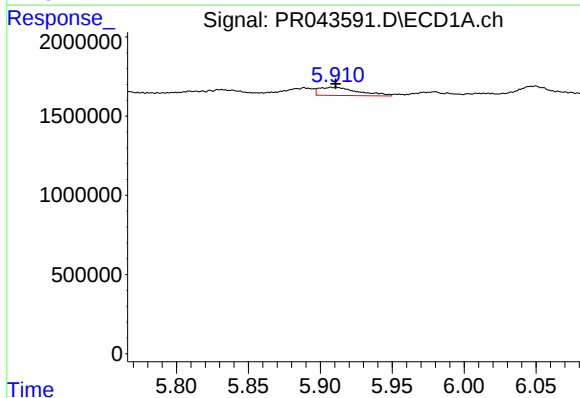
R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 633153
Conc: 3.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



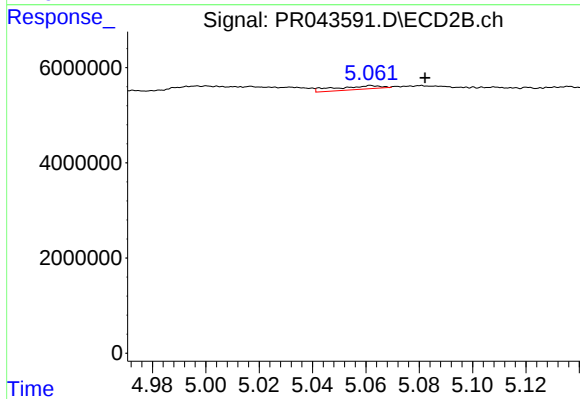
#3 AR-1016-1

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 877571
Conc: 2.15 ng/ml



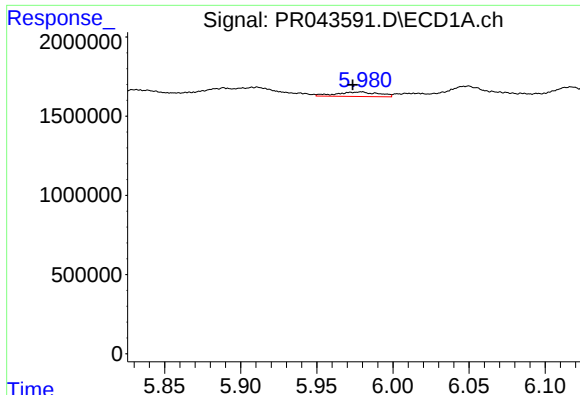
#4 AR-1016-2

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 964121
Conc: 3.52 ng/ml



#4 AR-1016-2

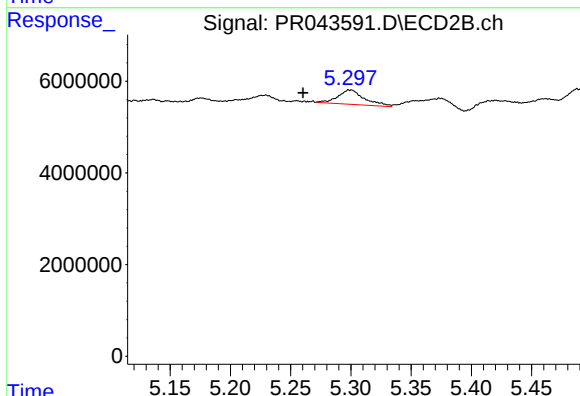
R.T.: 5.062 min
Delta R.T.: -0.020 min
Response: 877571
Conc: 1.57 ng/ml



#5 AR-1016-3

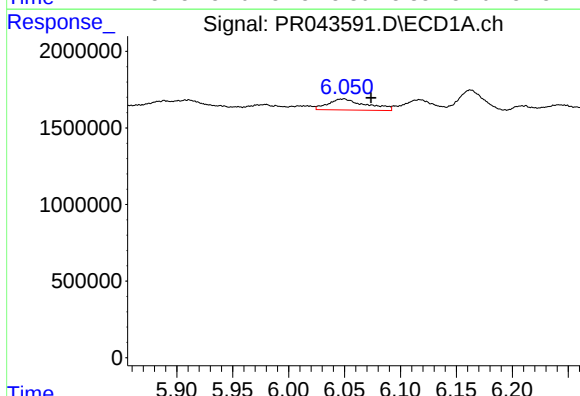
R.T.: 5.979 min
Delta R.T.: 0.006 min
Response: 542980
Conc: 3.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



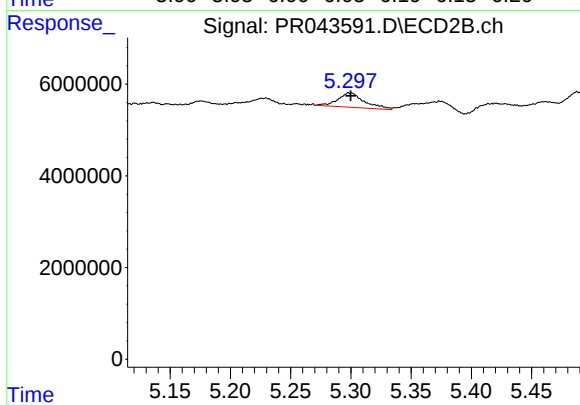
#5 AR-1016-3

R.T.: 5.298 min
Delta R.T.: 0.038 min
Response: 4833073
Conc: 16.18 ng/ml



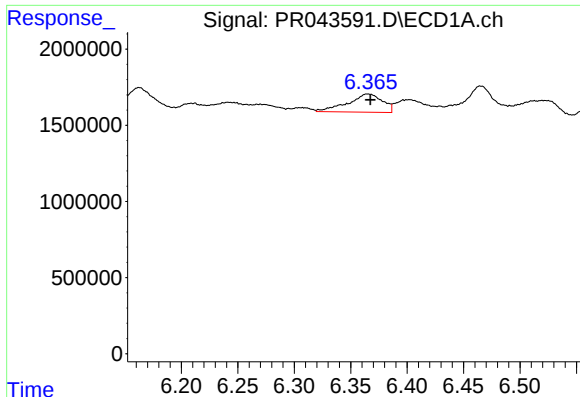
#6 AR-1016-4

R.T.: 6.049 min
Delta R.T.: -0.025 min
Response: 1707467
Conc: 12.40 ng/ml



#6 AR-1016-4

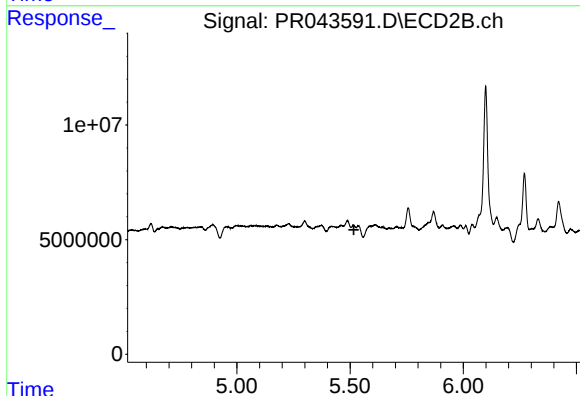
R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 4833073
Conc: 20.09 ng/ml



#7 AR-1016-5

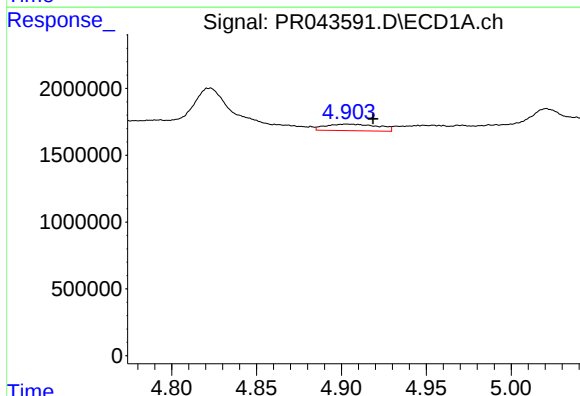
R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 2553373
Conc: 18.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



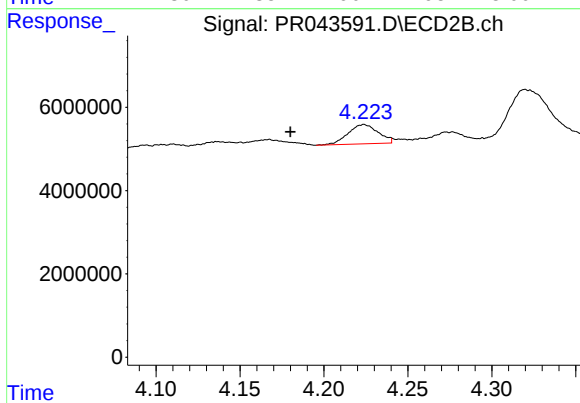
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.517 min
Response: 0
Conc: N.D.



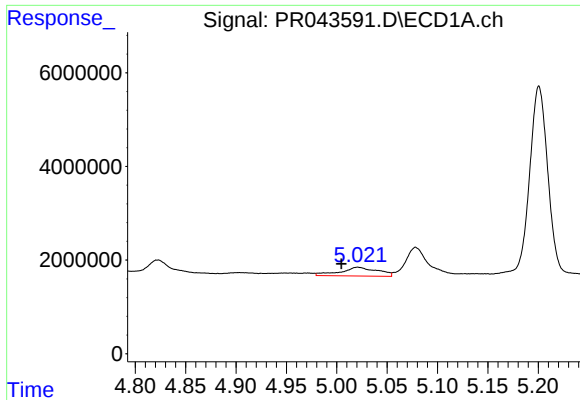
#8 AR-1221-1

R.T.: 4.903 min
Delta R.T.: -0.015 min
Response: 1060287
Conc: 18.48 ng/ml



#8 AR-1221-1

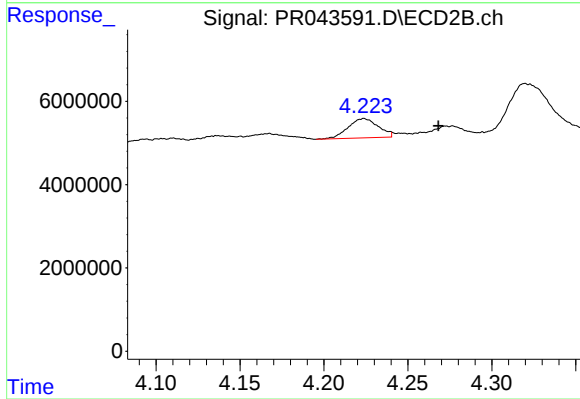
R.T.: 4.224 min
Delta R.T.: 0.044 min
Response: 5805471
Conc: 68.09 ng/ml



#9 AR-1221-2

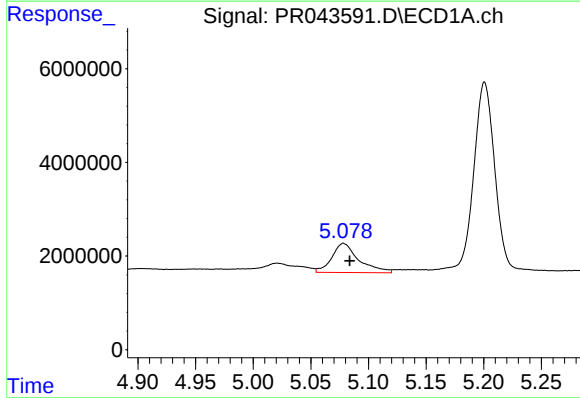
R.T.: 5.021 min
Delta R.T.: 0.016 min
Response: 4826548
Conc: 118.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



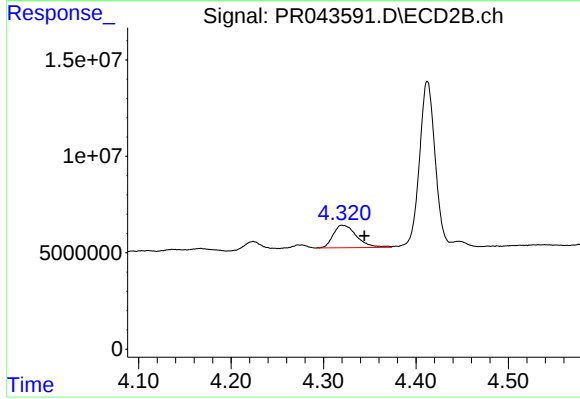
#9 AR-1221-2

R.T.: 4.224 min
Delta R.T.: -0.044 min
Response: 5805471
Conc: 94.83 ng/ml



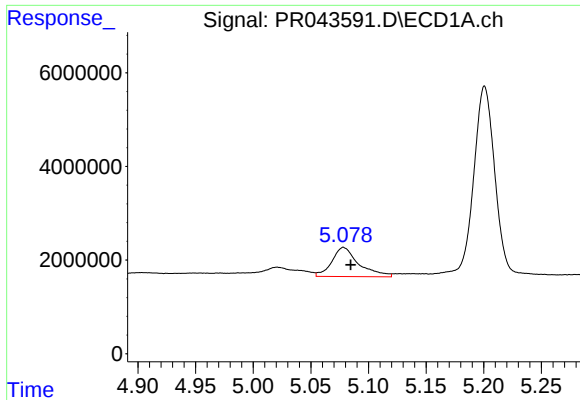
#10 AR-1221-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 10162470
Conc: 73.94 ng/ml



#10 AR-1221-3

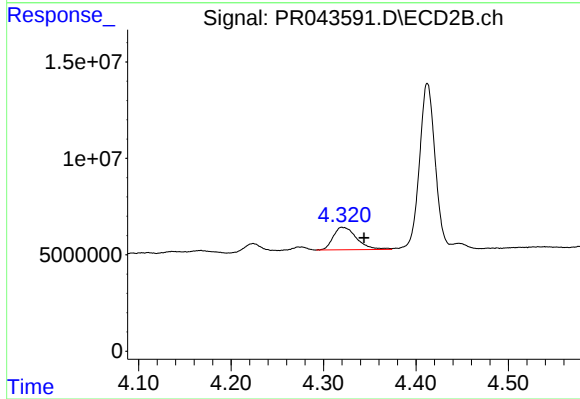
R.T.: 4.320 min
Delta R.T.: -0.024 min
Response: 20617802
Conc: 94.37 ng/ml



#11 AR-1232-1

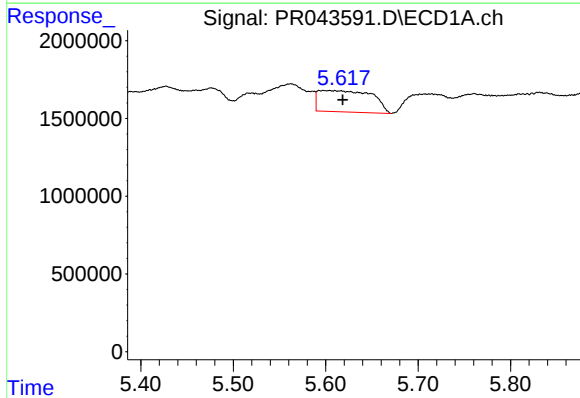
R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 10162470
Conc: 94.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



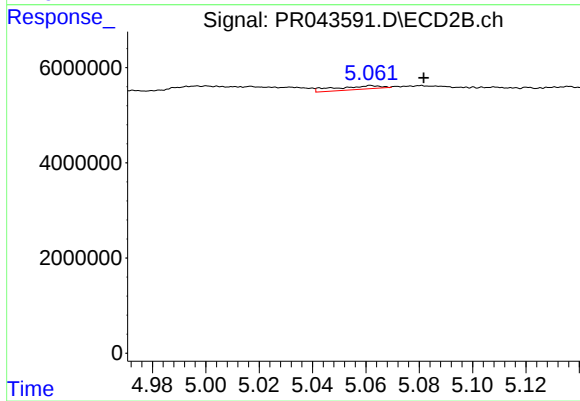
#11 AR-1232-1

R.T.: 4.320 min
Delta R.T.: -0.024 min
Response: 20617802
Conc: 122.22 ng/ml



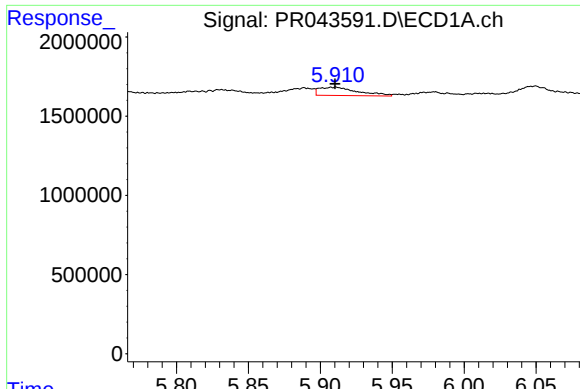
#12 AR-1232-2

R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 5541877
Conc: 100.13 ng/ml



#12 AR-1232-2

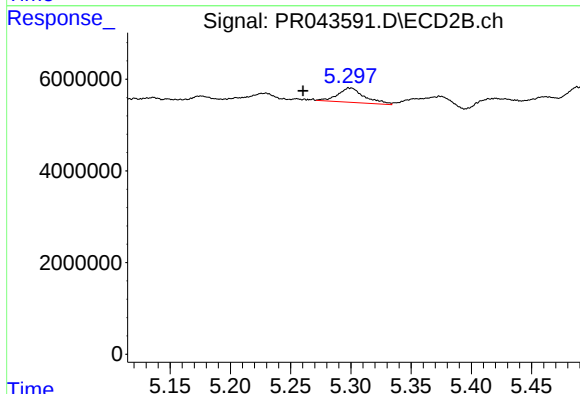
R.T.: 5.062 min
Delta R.T.: -0.020 min
Response: 877571
Conc: 3.76 ng/ml



#13 AR-1232-3

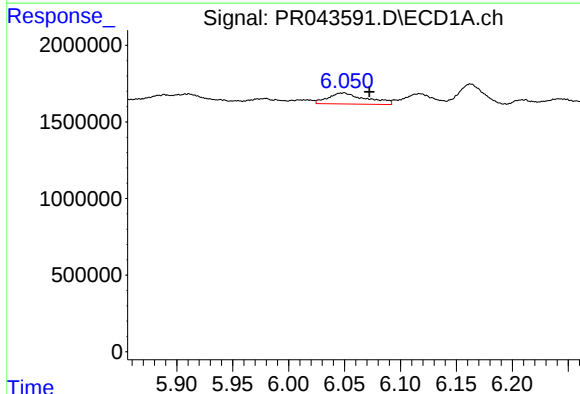
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 964121
Conc: 8.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



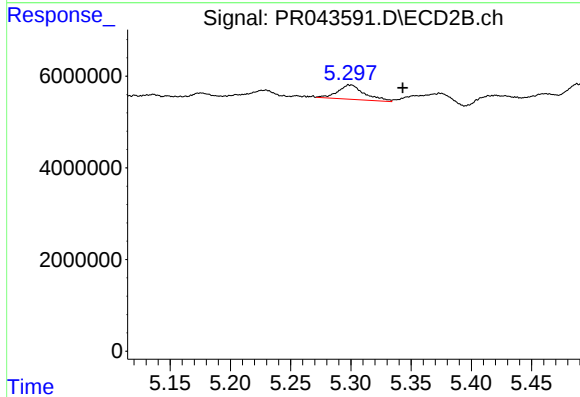
#13 AR-1232-3

R.T.: 5.298 min
Delta R.T.: 0.038 min
Response: 4833073
Conc: 39.49 ng/ml



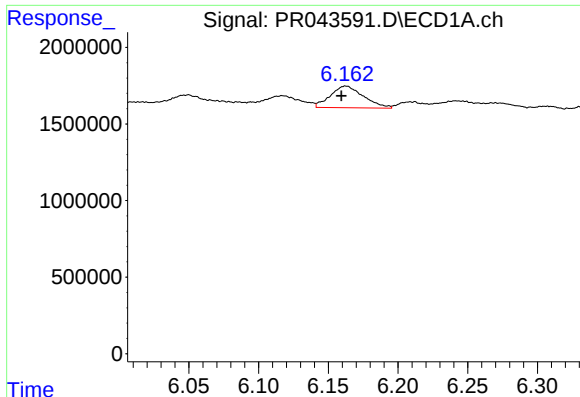
#14 AR-1232-4

R.T.: 6.049 min
Delta R.T.: -0.023 min
Response: 1707467
Conc: 29.38 ng/ml



#14 AR-1232-4

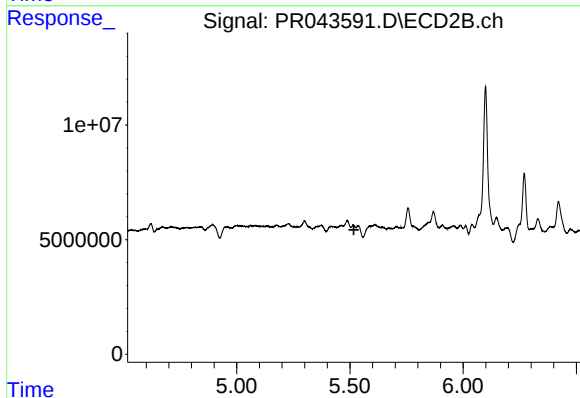
R.T.: 5.298 min
Delta R.T.: -0.045 min
Response: 4833073
Conc: 45.53 ng/ml



#15 AR-1232-5

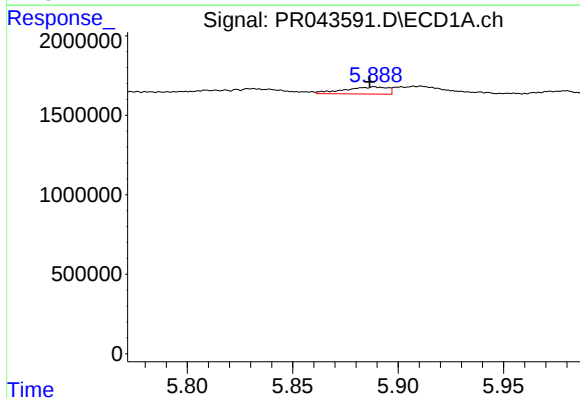
R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 2342900
Conc: 52.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



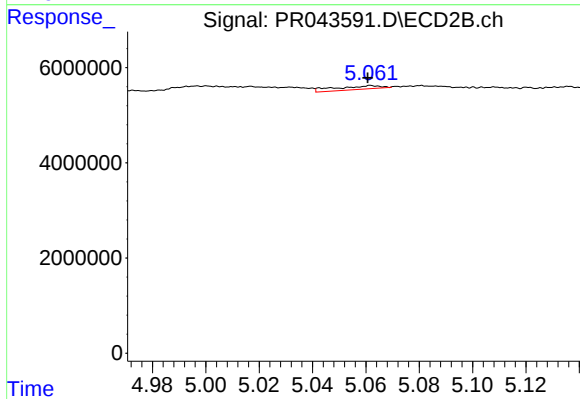
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.517 min
Response: 0
Conc: N.D.



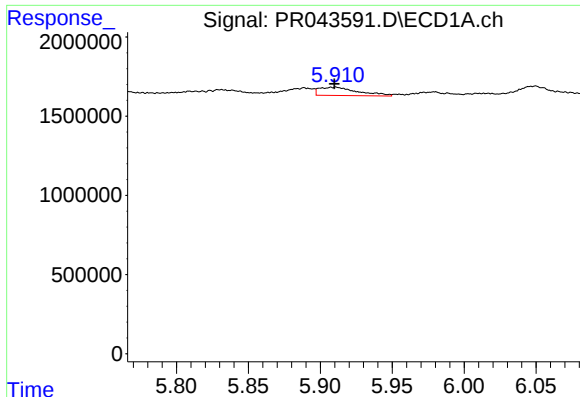
#16 AR-1242-1

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 633153
Conc: 3.89 ng/ml



#16 AR-1242-1

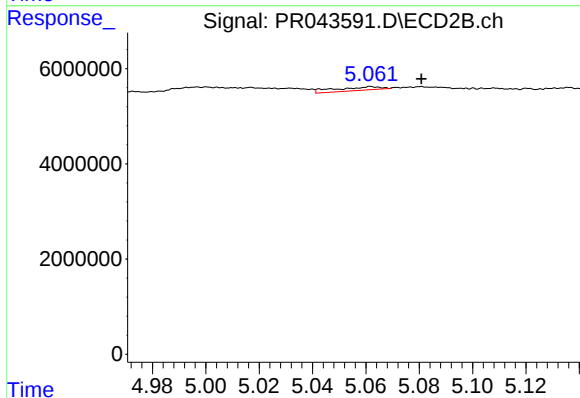
R.T.: 5.062 min
Delta R.T.: 0.001 min
Response: 877571
Conc: 2.65 ng/ml



#17 AR-1242-2

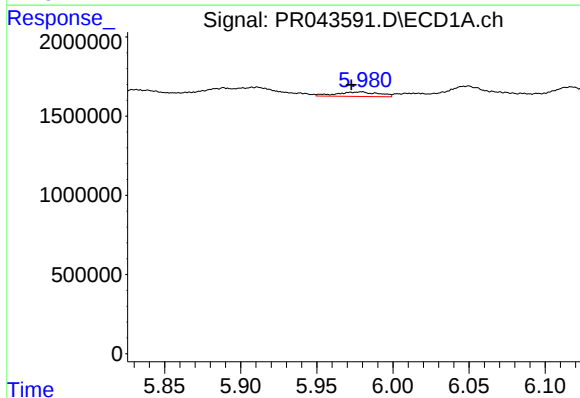
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 964121
Conc: 4.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



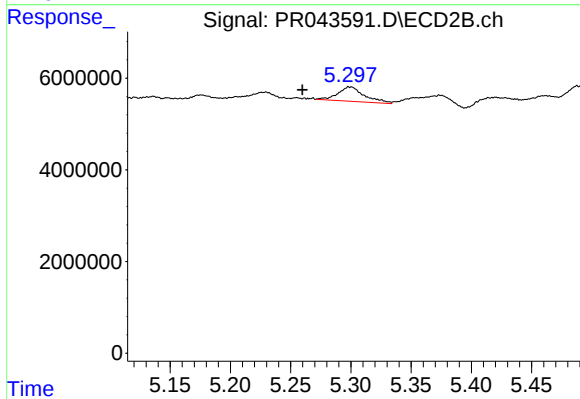
#17 AR-1242-2

R.T.: 5.062 min
Delta R.T.: -0.019 min
Response: 877571
Conc: 1.92 ng/ml



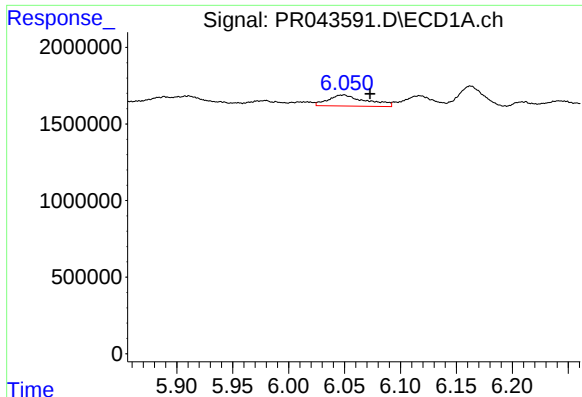
#18 AR-1242-3

R.T.: 5.979 min
Delta R.T.: 0.007 min
Response: 542980
Conc: 3.95 ng/ml



#18 AR-1242-3

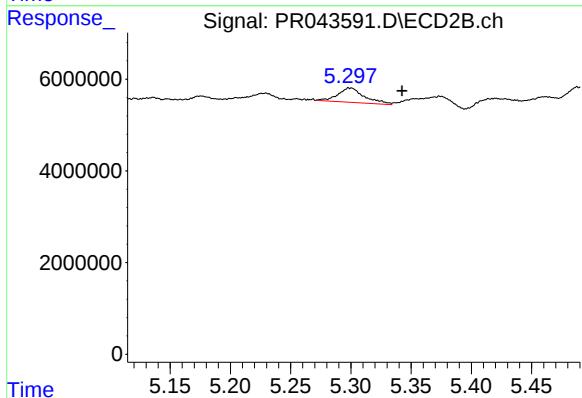
R.T.: 5.298 min
Delta R.T.: 0.038 min
Response: 4833073
Conc: 19.83 ng/ml



#19 AR-1242-4

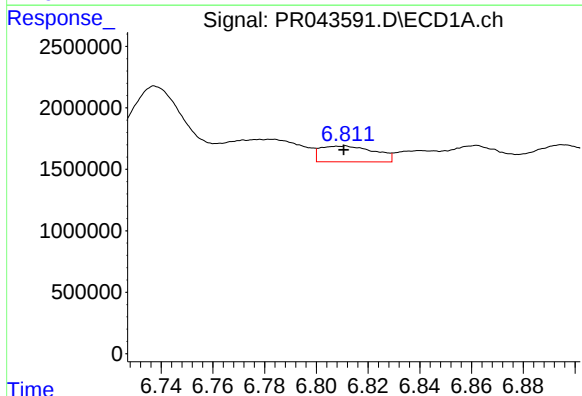
R.T.: 6.049 min
Delta R.T.: -0.024 min
Response: 1707467
Conc: 14.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



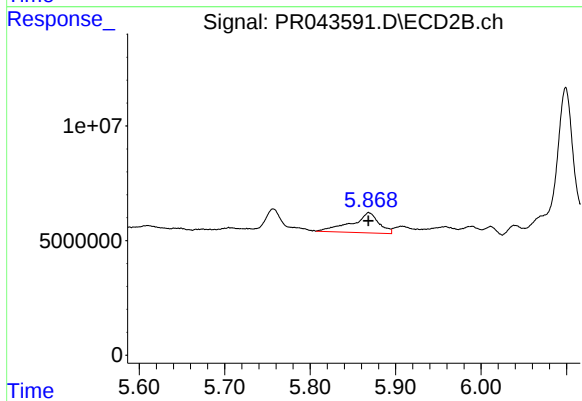
#19 AR-1242-4

R.T.: 5.298 min
Delta R.T.: -0.045 min
Response: 4833073
Conc: 20.52 ng/ml



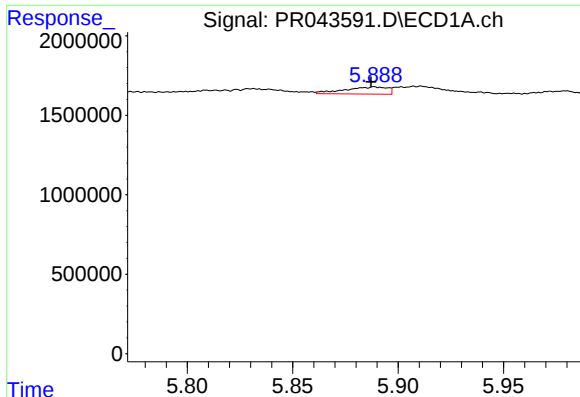
#20 AR-1242-5

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 1879912
Conc: 14.78 ng/ml



#20 AR-1242-5

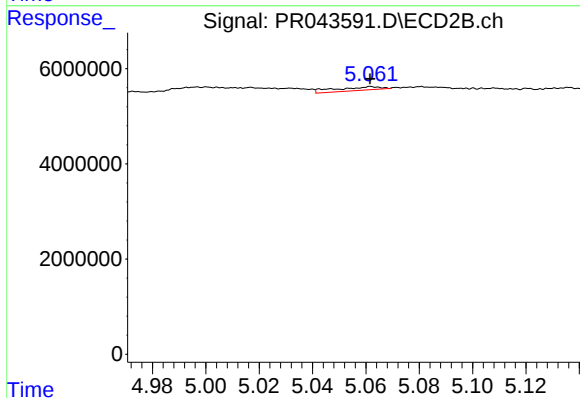
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 19645928
Conc: 57.63 ng/ml



#21 AR-1248-1

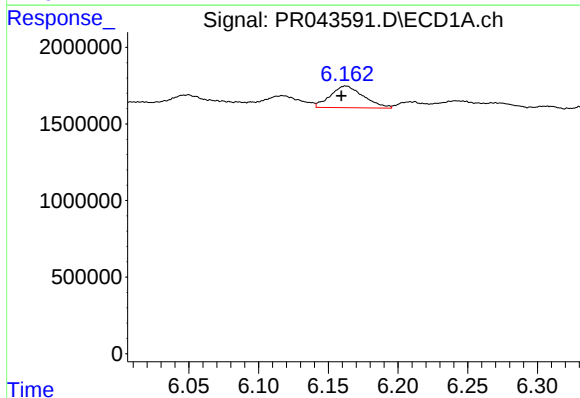
R.T.: 5.889 min
Delta R.T.: 0.002 min
Response: 633153
Conc: 5.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



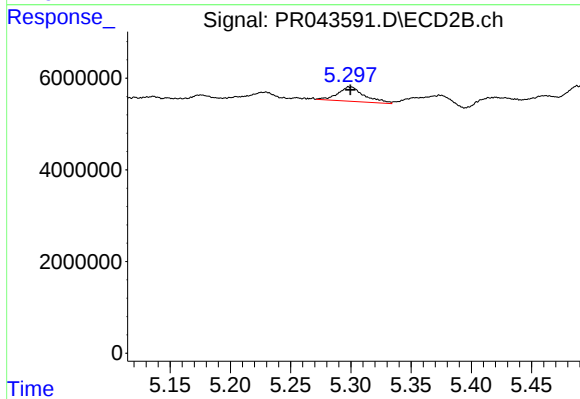
#21 AR-1248-1

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 877571
Conc: 3.59 ng/ml



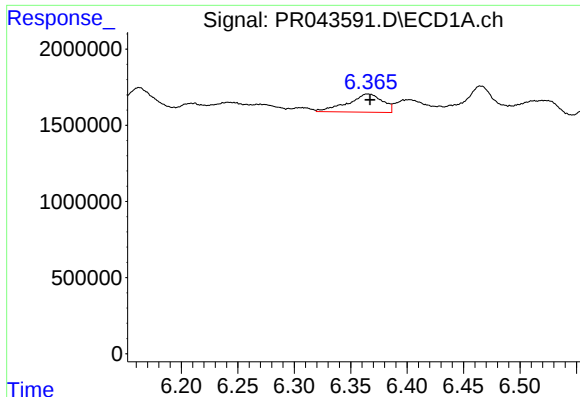
#22 AR-1248-2

R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 2342900
Conc: 14.38 ng/ml



#22 AR-1248-2

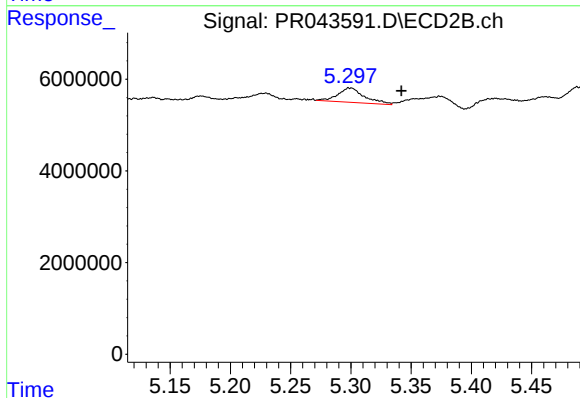
R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 4833073
Conc: 14.90 ng/ml



#23 AR-1248-3

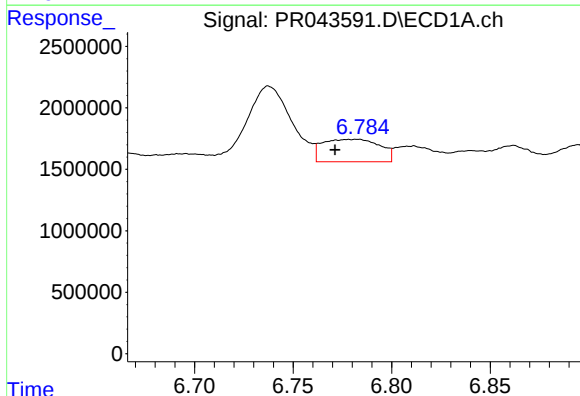
R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 2553373
Conc: 14.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



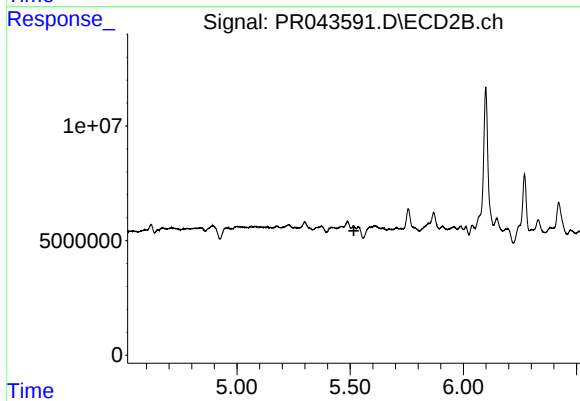
#23 AR-1248-3

R.T.: 5.298 min
Delta R.T.: -0.044 min
Response: 4833073
Conc: 14.67 ng/ml



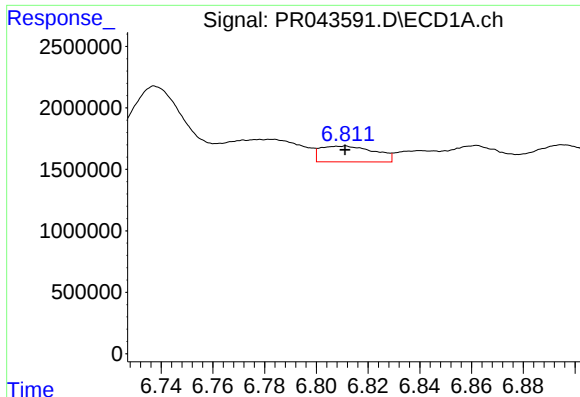
#24 AR-1248-4

R.T.: 6.783 min
Delta R.T.: 0.011 min
Response: 3693533
Conc: 17.64 ng/ml



#24 AR-1248-4

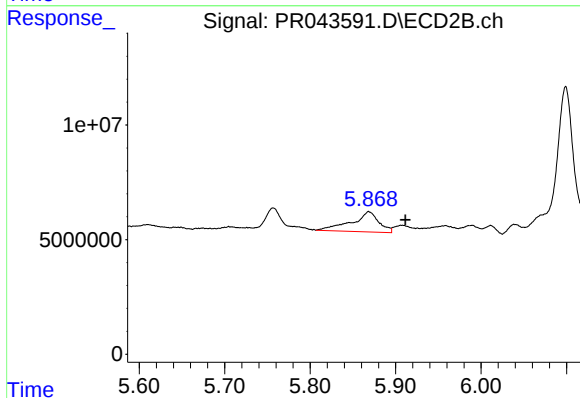
R.T.: 0.000 min
Exp R.T.: 5.516 min
Response: 0
Conc: N.D.



#25 AR-1248-5

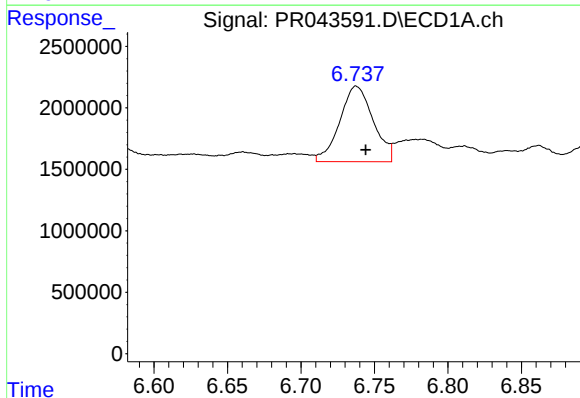
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 1879912
Conc: 9.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



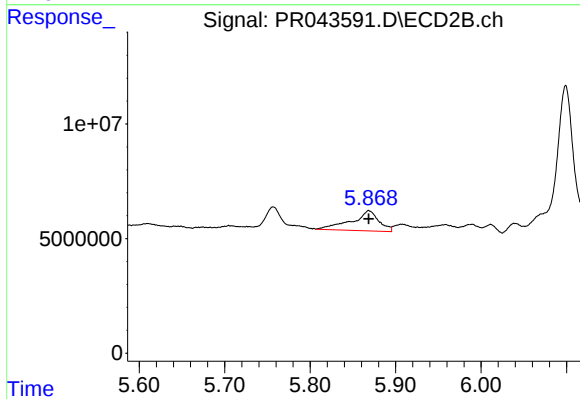
#25 AR-1248-5

R.T.: 5.868 min
Delta R.T.: -0.043 min
Response: 19645928
Conc: 44.20 ng/ml



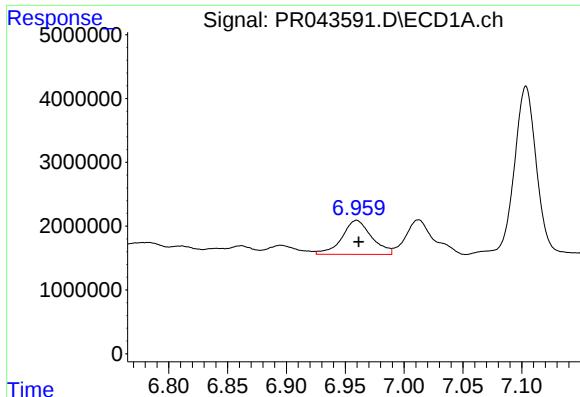
#26 AR-1254-1

R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 9739957
Conc: 44.56 ng/ml



#26 AR-1254-1

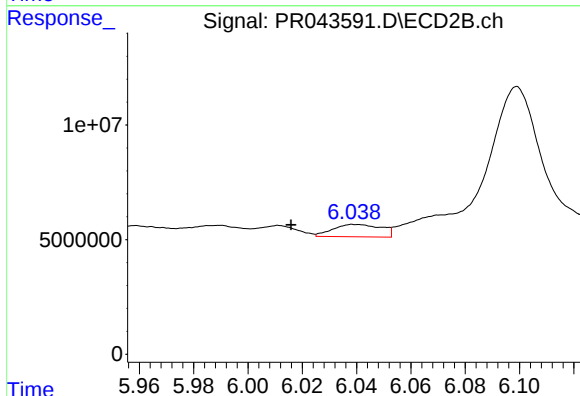
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 19645928
Conc: 27.57 ng/ml



#27 AR-1254-2

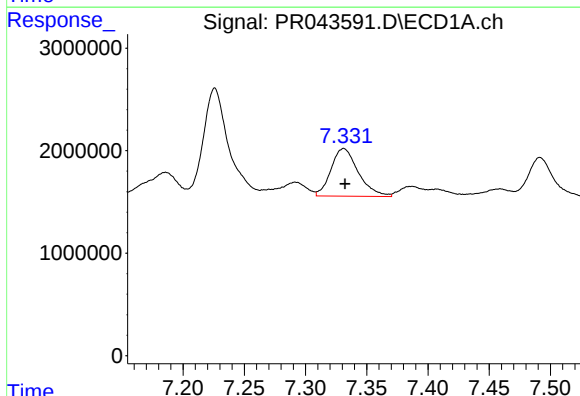
R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 9420821
Conc: 27.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



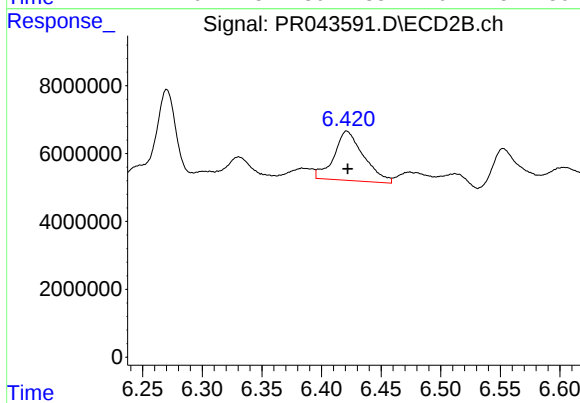
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: 0.023 min
Response: 6701065
Conc: 10.48 ng/ml



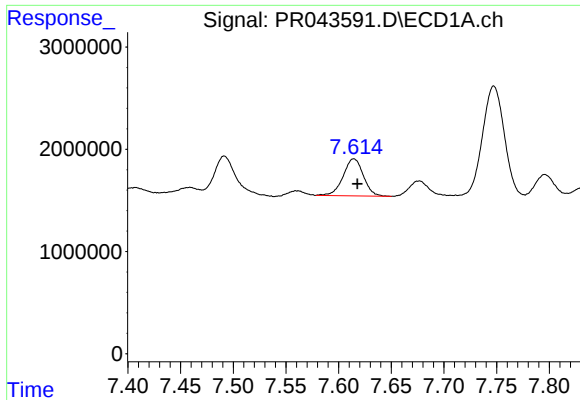
#28 AR-1254-3

R.T.: 7.331 min
Delta R.T.: -0.001 min
Response: 7221415
Conc: 20.65 ng/ml



#28 AR-1254-3

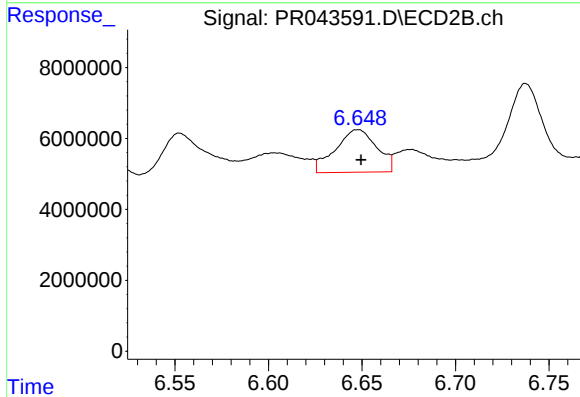
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 25224432
Conc: 24.92 ng/ml



#29 AR-1254-4

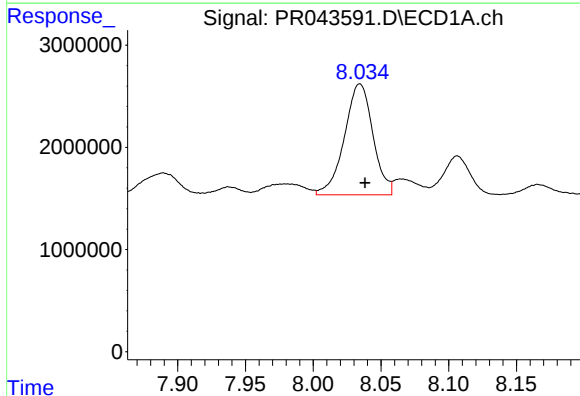
R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 4847024
Conc: 19.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



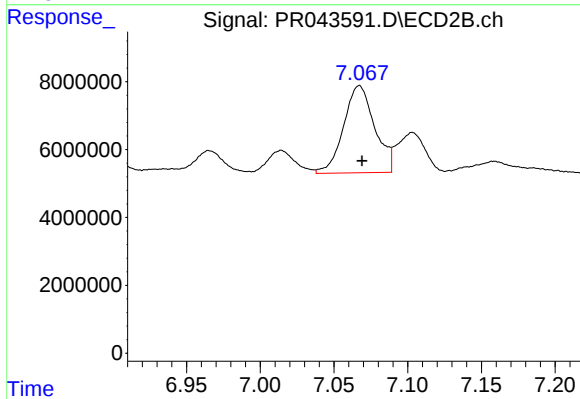
#29 AR-1254-4

R.T.: 6.648 min
Delta R.T.: -0.001 min
Response: 18545880
Conc: 25.76 ng/ml



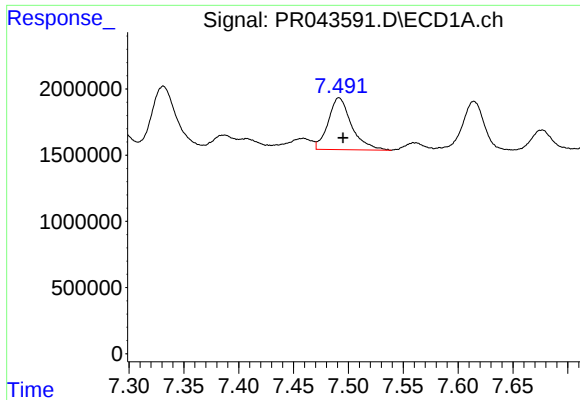
#30 AR-1254-5

R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 15939549
Conc: 61.85 ng/ml



#30 AR-1254-5

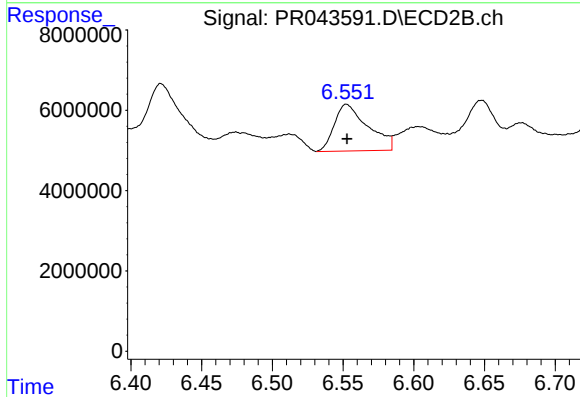
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 37642677
Conc: 44.19 ng/ml



#31 AR-1260-1

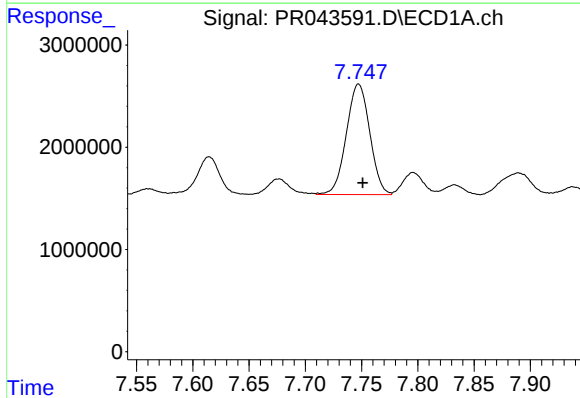
R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 5811638
Conc: 23.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



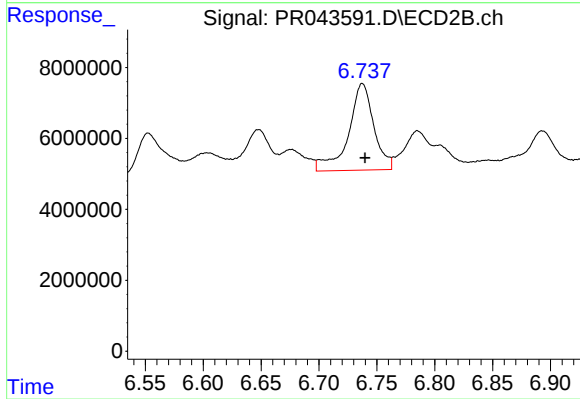
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 19228366
Conc: 28.38 ng/ml



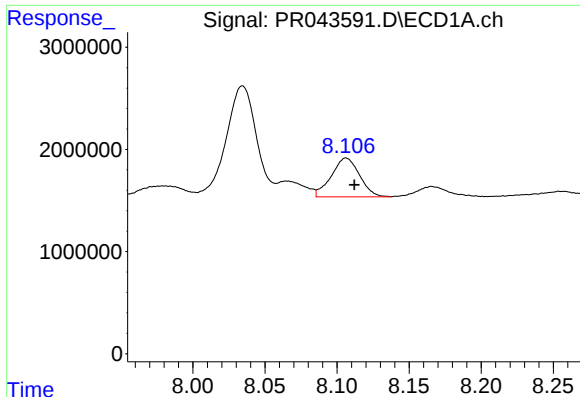
#32 AR-1260-2

R.T.: 7.747 min
Delta R.T.: -0.004 min
Response: 15653091
Conc: 52.69 ng/ml



#32 AR-1260-2

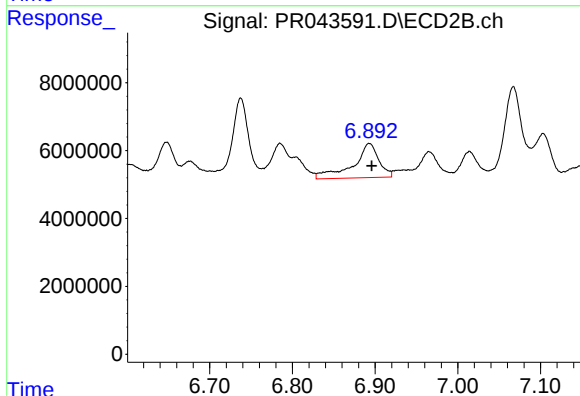
R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 37359525
Conc: 38.56 ng/ml



#33 AR-1260-3

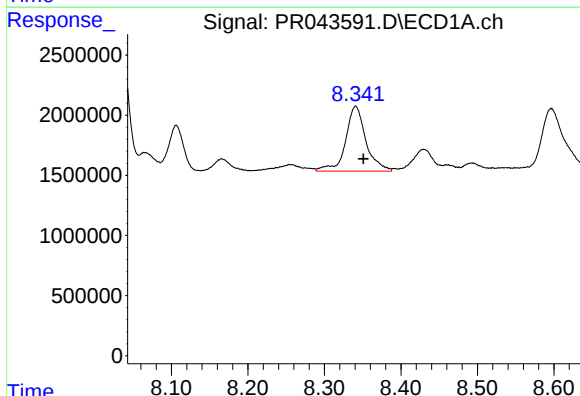
R.T.: 8.106 min
Delta R.T.: -0.006 min
Response: 5186058
Conc: 23.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



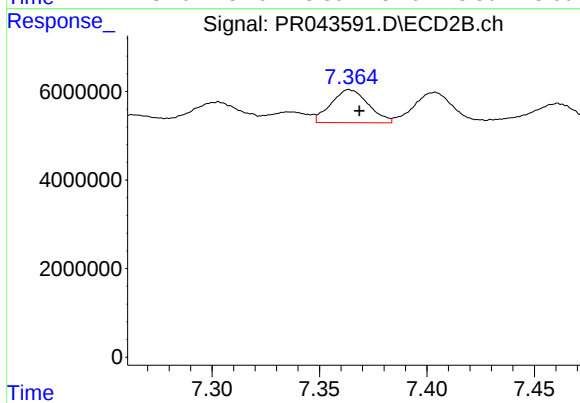
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 21720426
Conc: 27.81 ng/ml



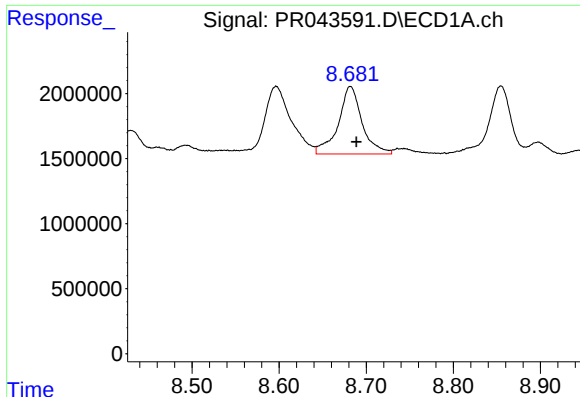
#34 AR-1260-4

R.T.: 8.341 min
Delta R.T.: -0.010 min
Response: 9942375
Conc: 39.53 ng/ml



#34 AR-1260-4

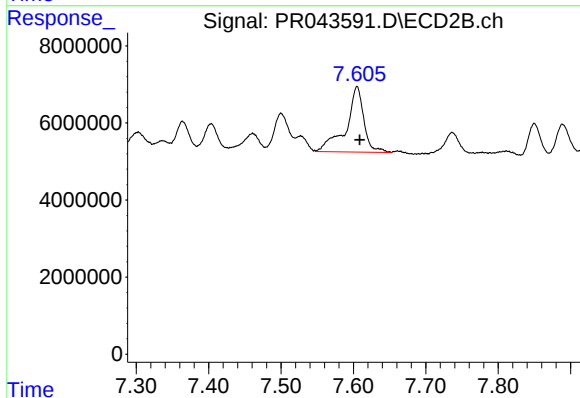
R.T.: 7.364 min
Delta R.T.: -0.005 min
Response: 9029206
Conc: 14.23 ng/ml



#35 AR-1260-5

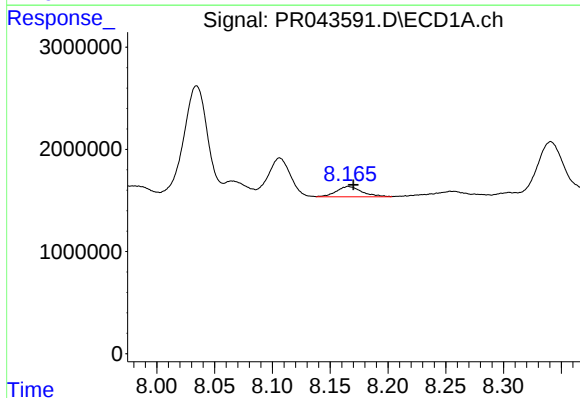
R.T.: 8.682 min
Delta R.T.: -0.007 min
Response: 9840900
Conc: 20.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



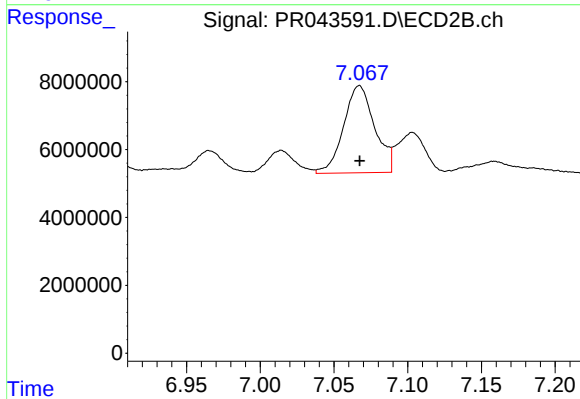
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.004 min
Response: 29121507
Conc: 17.11 ng/ml



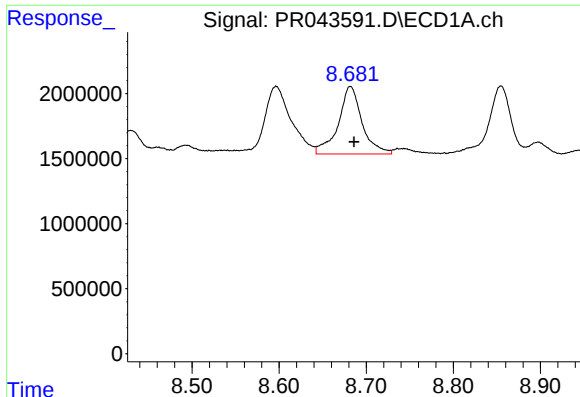
#36 AR-1262-1

R.T.: 8.166 min
Delta R.T.: -0.004 min
Response: 1573813
Conc: 11.82 ng/ml



#36 AR-1262-1

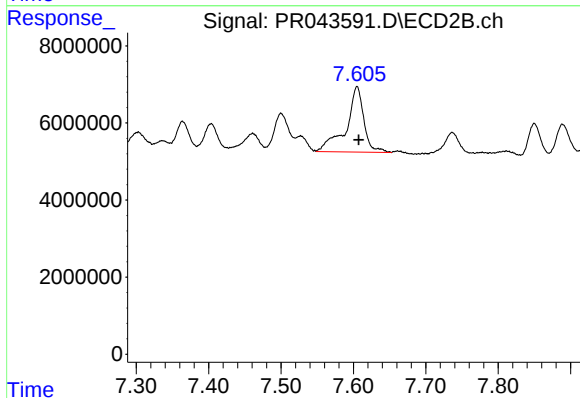
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 37642677
Conc: 76.12 ng/ml



#37 AR-1262-2

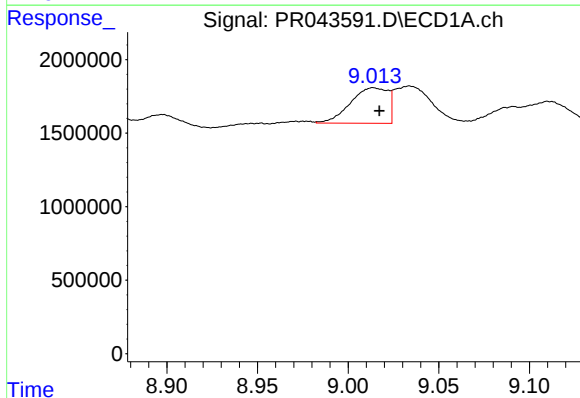
R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 9840900
Conc: 17.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



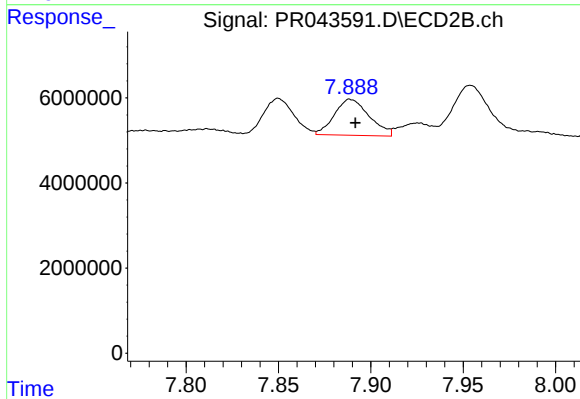
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 29121507
Conc: 15.31 ng/ml



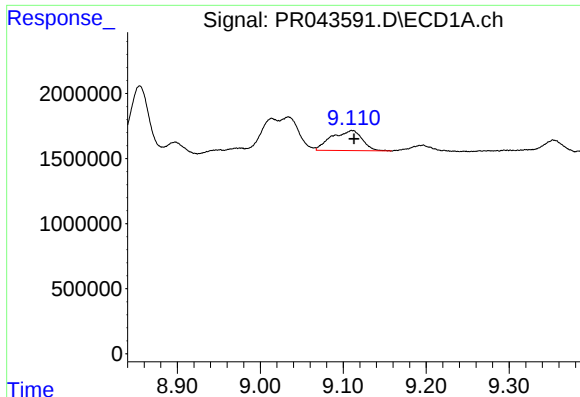
#38 AR-1262-3

R.T.: 9.014 min
Delta R.T.: -0.003 min
Response: 3483017
Conc: 9.62 ng/ml



#38 AR-1262-3

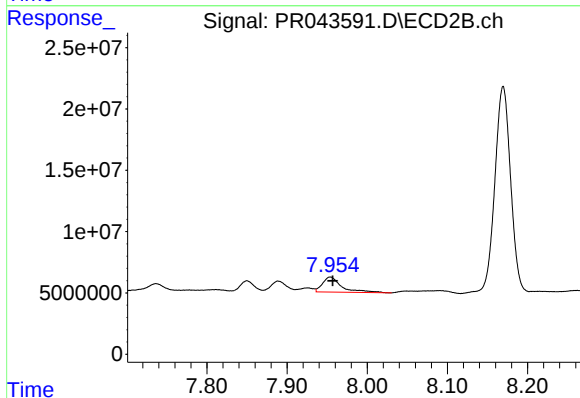
R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 11125228
Conc: 14.58 ng/ml



#39 AR-1262-4

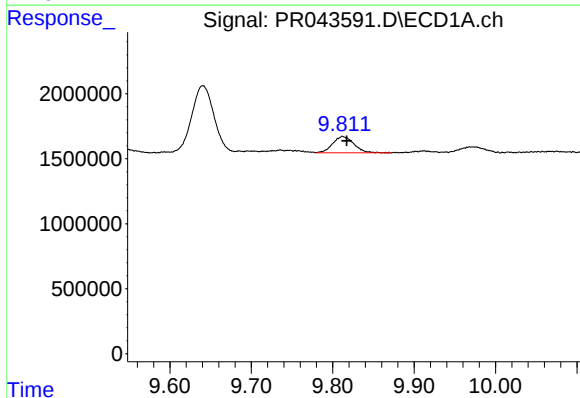
R.T.: 9.111 min
Delta R.T.: -0.002 min
Response: 3969290
Conc: 14.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



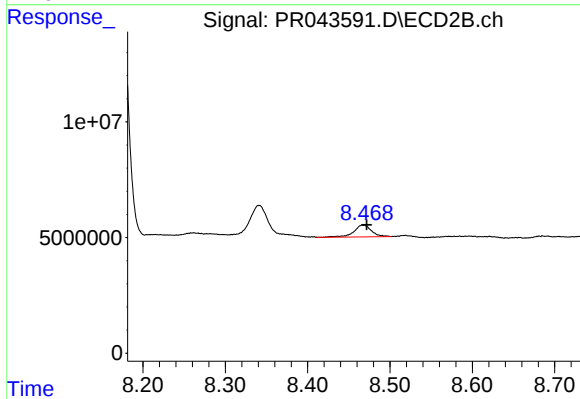
#39 AR-1262-4

R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 20635792
Conc: 16.62 ng/ml



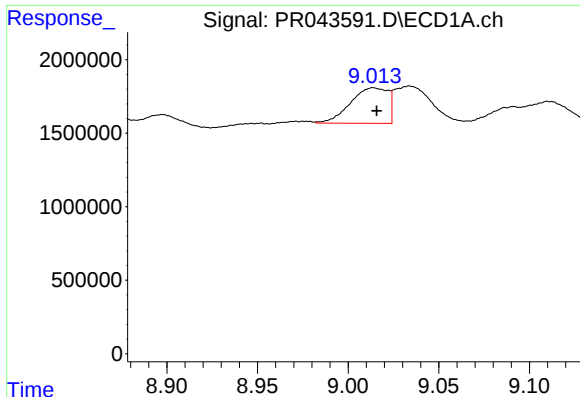
#40 AR-1262-5

R.T.: 9.812 min
Delta R.T.: -0.005 min
Response: 2287351
Conc: 12.15 ng/ml



#40 AR-1262-5

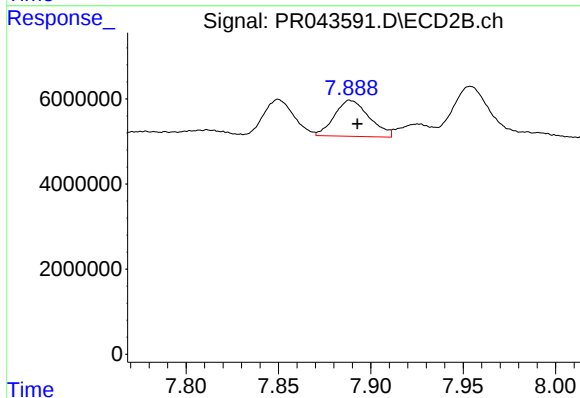
R.T.: 8.468 min
Delta R.T.: -0.004 min
Response: 7584630
Conc: 13.31 ng/ml



#41 AR-1268-1

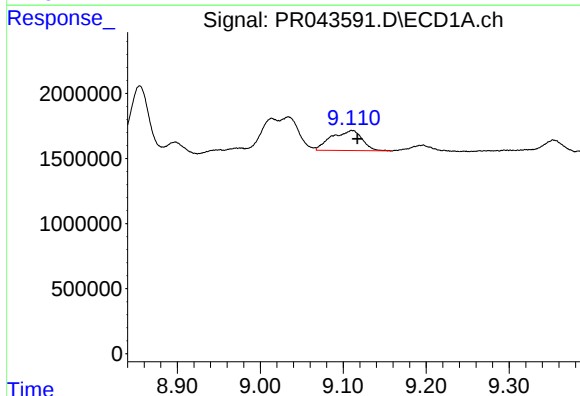
R.T.: 9.014 min
Delta R.T.: -0.002 min
Response: 3483017
Conc: 5.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



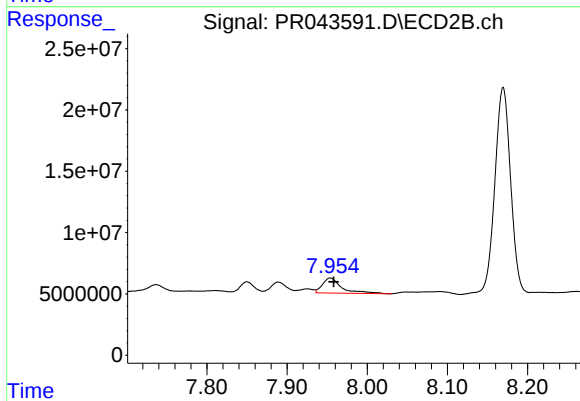
#41 AR-1268-1

R.T.: 7.889 min
Delta R.T.: -0.004 min
Response: 11125228
Conc: 5.18 ng/ml



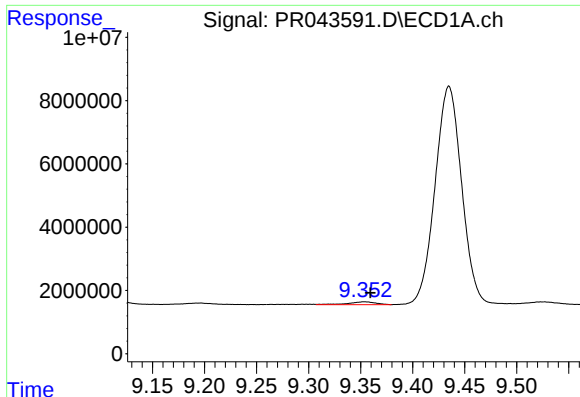
#42 AR-1268-2

R.T.: 9.111 min
Delta R.T.: -0.006 min
Response: 3969290
Conc: 6.89 ng/ml



#42 AR-1268-2

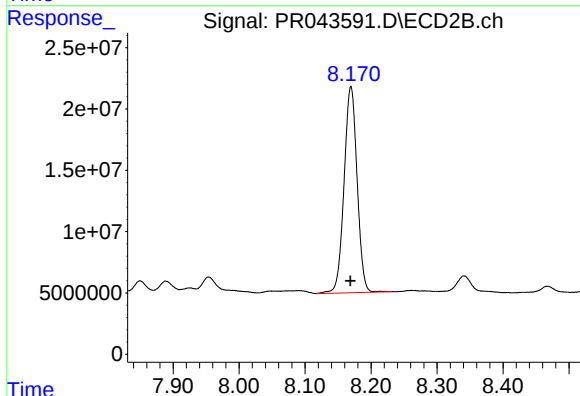
R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 20635792
Conc: 11.37 ng/ml



#43 AR-1268-3

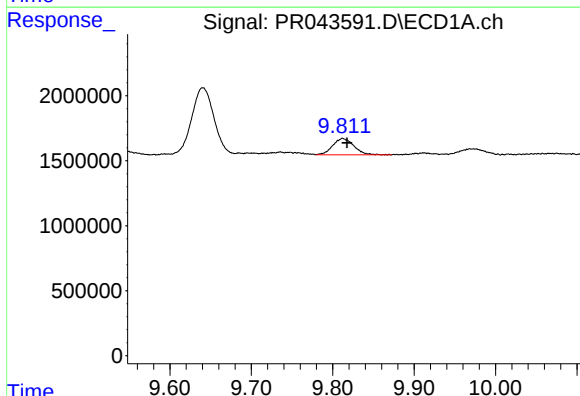
R.T.: 9.353 min
Delta R.T.: -0.006 min
Response: 1651029
Conc: 3.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



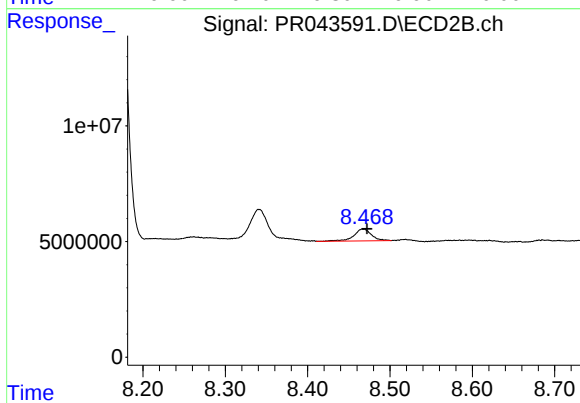
#43 AR-1268-3

R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 230471903
Conc: 149.69 ng/ml



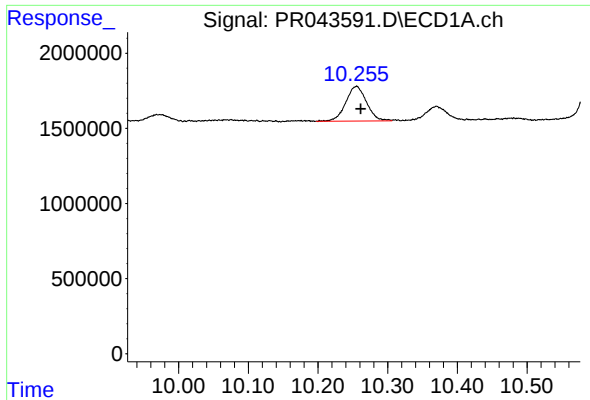
#44 AR-1268-4

R.T.: 9.812 min
Delta R.T.: -0.005 min
Response: 2287351
Conc: 11.19 ng/ml



#44 AR-1268-4

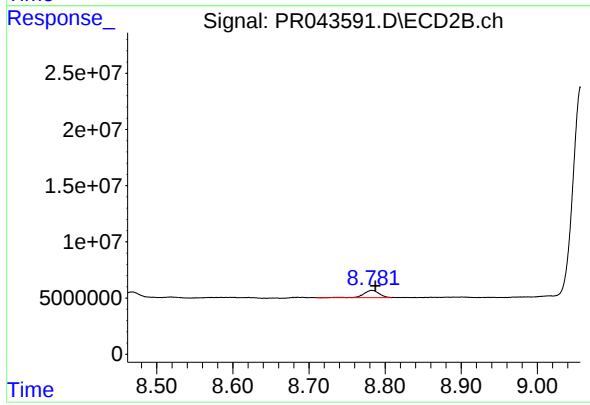
R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 7584630
Conc: 12.37 ng/ml



#45 AR-1268-5

R.T.: 10.255 min
Delta R.T.: -0.006 min
Response: 4796777
Conc: 3.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.783 min
Delta R.T.: -0.005 min
Response: 9051819
Conc: 2.14 ng/ml