

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042123\
 Data File : PR060940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 20:34
 Operator : AJ\MA
 Sample : AR1248CCC400
 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: Apr 21 21:55:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040323CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 04:06:01 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...	3.686	2.899	59237995	80818420	17.368	17.431
2)	SA Decachlor...	9.656	8.125	83501572	132.2E6	28.884	30.004
Target Compounds							
3)	L1 AR-1016-1	4.921	4.007	22601348	33130580	206.165	215.749
4)	L1 AR-1016-2	4.944	4.025	25857288	33435799	165.915	150.205
5)	L1 AR-1016-3	5.008	4.203	13207565	21043448	134.158	182.885 #
6)	L1 AR-1016-4	5.111	4.253	17456255	44797759	221.456	498.156 #
7)	L1 AR-1016-5	5.430	4.468	33977423	55452006	433.769	472.022
8)	L2 AR-1221-1	0.000	3.119	0	371481	N.D.	7.487 #
9)	L2 AR-1221-2	4.001	3.201	2683105	1589908	93.898	44.521 #
10)	L2 AR-1221-3	4.078	3.283	2959390	2566179	31.943	21.240 #
11)	L3 AR-1232-1	4.078	3.283	2959390	2566179	38.062	25.522 #
12)	L3 AR-1232-2	4.633	4.025	11091897	33435799	302.906	344.015
13)	L3 AR-1232-3	4.944	4.203	25857288	21043448	360.918	427.831
14)	L3 AR-1232-4	5.111	4.294	17456255	45494548	478.609	1057.545 #
15)	L3 AR-1232-5	5.216	4.468	30603949	55452006	1129.120	1141.118
16)	L4 AR-1242-1	4.921	4.007	22601348	33130580	245.751	265.706
17)	L4 AR-1242-2	4.944	4.025	25857288	33435799	200.816	186.184
18)	L4 AR-1242-3	5.008	4.203	13207565	21043448	160.114	227.112 #
19)	L4 AR-1242-4	5.111	4.294	17456255	45494548	261.391	517.926 #
20)	L4 AR-1242-5	5.907	4.837	35941007	82148160	520.159	707.559 #
21)	L5 AR-1248-1	4.921	4.007	22601348	33130580	321.410	344.317
22)	L5 AR-1248-2	5.216	4.253	30603949	44797759	321.025	332.806
23)	L5 AR-1248-3	5.430	4.294	33977423	45494548	305.312	333.998
24)	L5 AR-1248-4	5.866	4.468	37085743	55452006	296.013	333.159
25)	L5 AR-1248-5	5.907	4.878	35941007	57666050	296.513	338.056
26)	L6 AR-1254-1	5.836	4.837	30298207	82148160	256.335	325.174 #
27)	L6 AR-1254-2	6.076	4.995	38827182	21813496	204.796	99.433 #
28)	L6 AR-1254-3	6.471	5.413	20133069	37753194	99.396	103.443
29)	L6 AR-1254-4	6.786	5.659	13482673	23983748	88.527	104.497
30)	L6 AR-1254-5	7.246	6.102	3179849	5258237	19.446	15.853
31)	L7 AR-1260-1	6.657	5.561	1692966	17991648	10.962	70.631 #
32)	L7 AR-1260-2	6.937	5.759	5395918	3463683	29.276	11.037 #
33)	L7 AR-1260-3	0.000	5.913	0	3501438	N.D.	12.160 #
34)	L7 AR-1260-4	7.560	6.423	1961441	816942	12.408	3.334 #
35)	L7 AR-1260-5	7.917	6.686	3312770	869145	10.833	1.470 #
36)	L8 AR-1262-1	0.000	6.148	0	110716	N.D.	0.317 #
37)	L8 AR-1262-2	7.917	6.423	3312770	816942	9.315	2.576 #
38)	L8 AR-1262-3	8.268f	7.056f	9905214	-1174653	40.252	N.D. #
39)	L8 AR-1262-4	8.302	7.056	5567936	-1174653	29.726	N.D. #
40)	L8 AR-1262-5	8.937	0.000	2848593	0	20.936	N.D. #
42)	L9 AR-1268-2	8.302	7.056	5567936	-1174653	18.227	N.D. #

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 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	8.538	0.000	913084	0	3.467	N.D. #
44) L9	AR-1268-4	8.937	0.000	2848593	0	23.635	N.D. #
45) L9	AR-1268-5	9.327	7.887	5475223	2911246	6.235	1.918 #

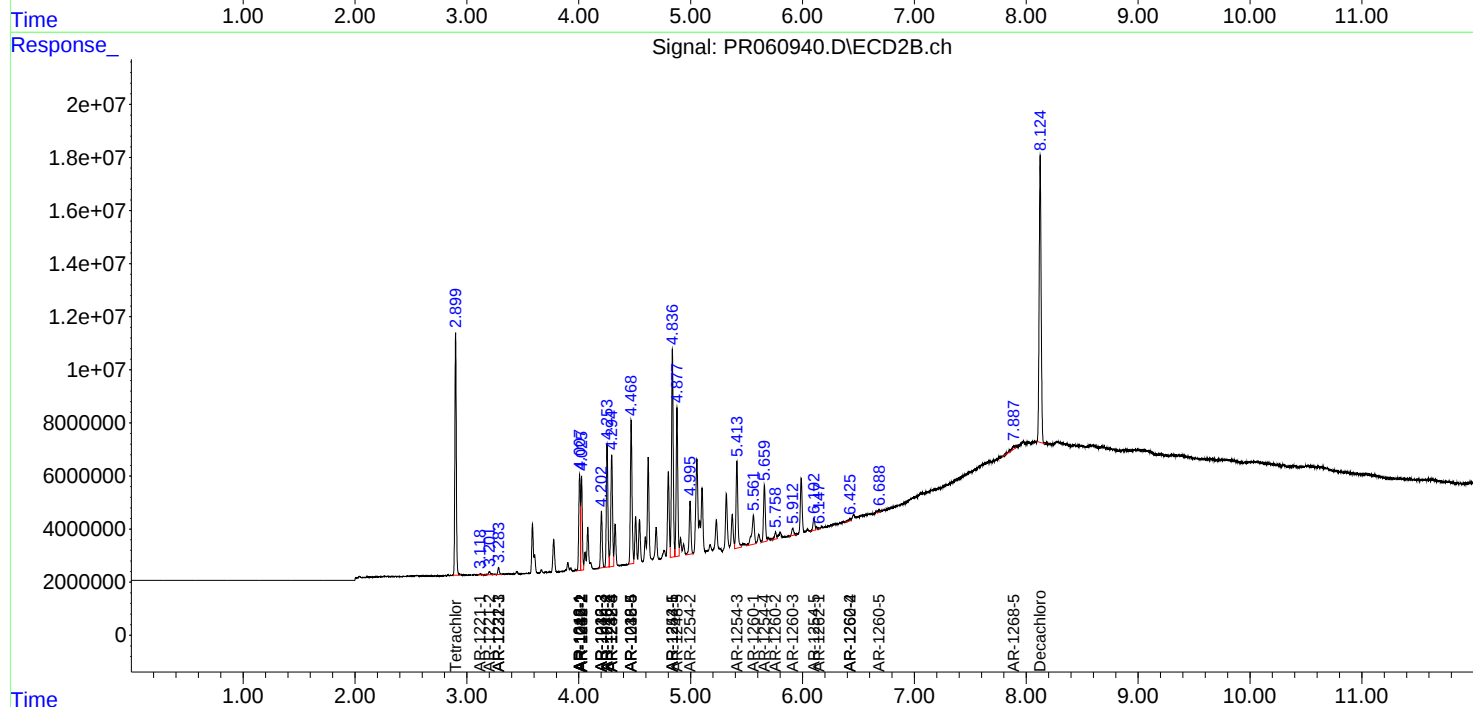
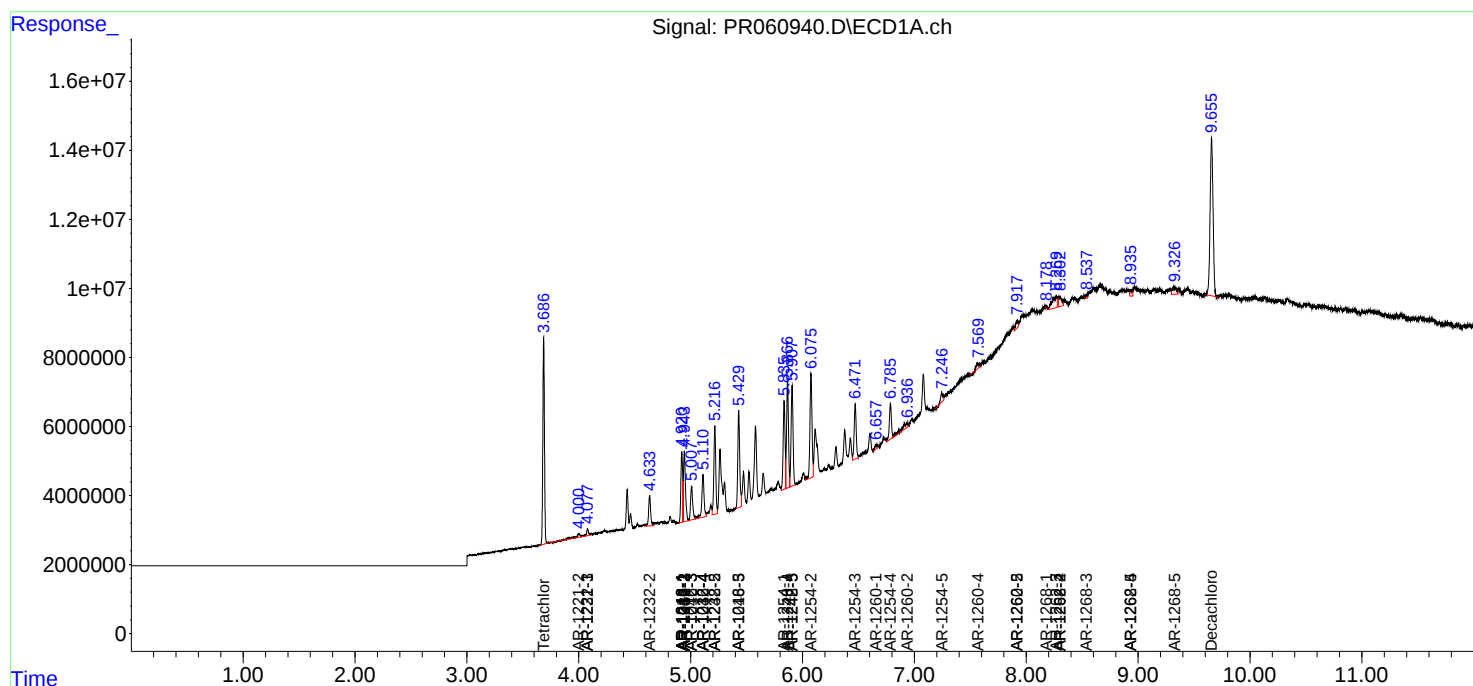
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

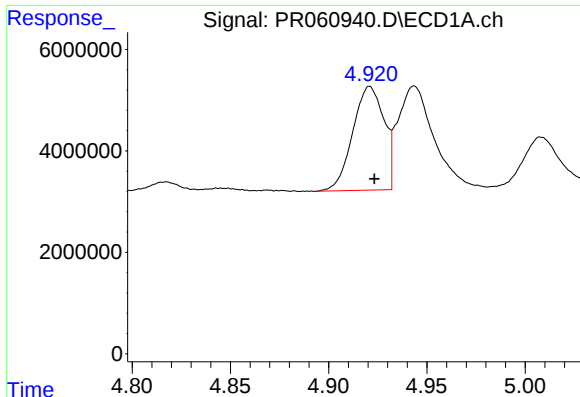
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

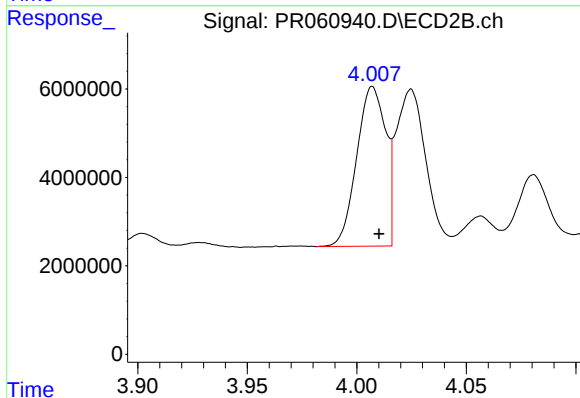




#3 AR-1016-1

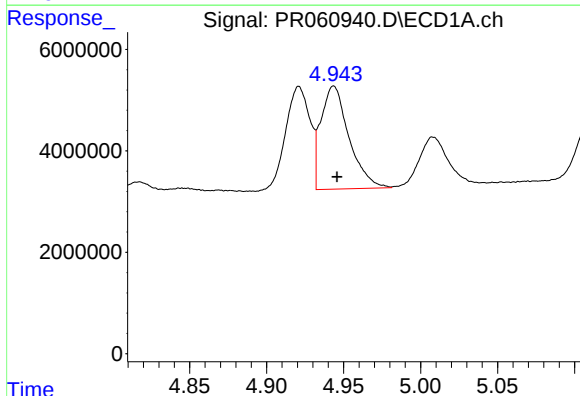
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 22601348
Conc: 206.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



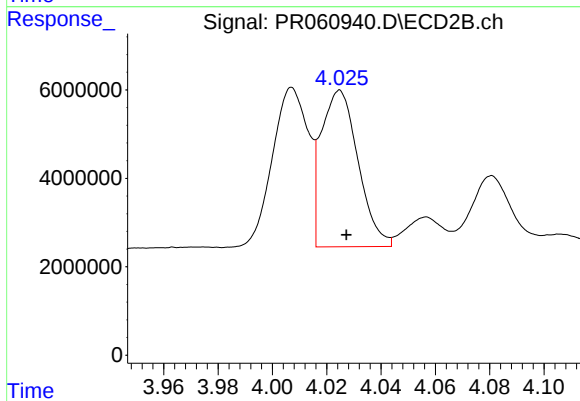
#3 AR-1016-1

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 33130580
Conc: 215.75 ng/ml



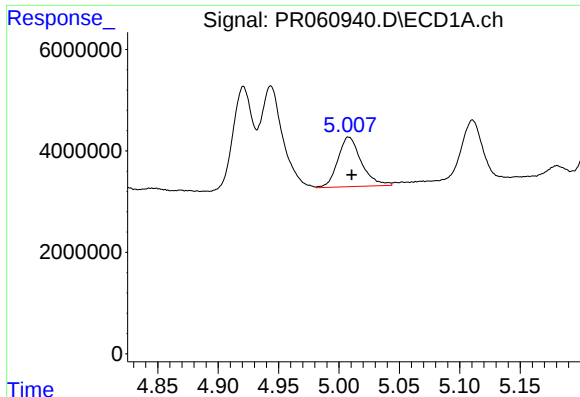
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 25857288
Conc: 165.91 ng/ml



#4 AR-1016-2

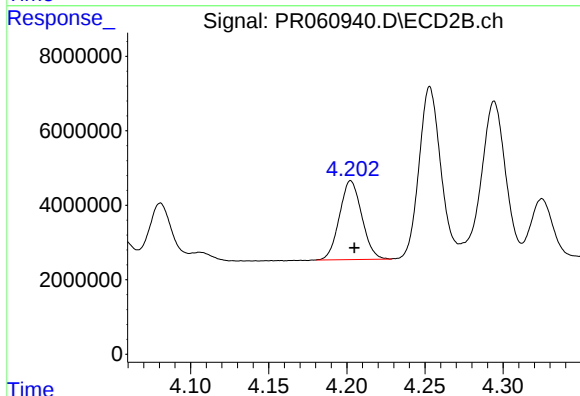
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 33435799
Conc: 150.21 ng/ml



#5 AR-1016-3

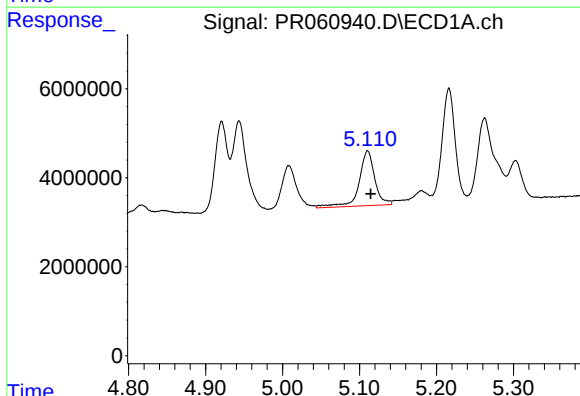
R.T.: 5.008 min
Delta R.T.: -0.002 min
Response: 13207565
Conc: 134.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



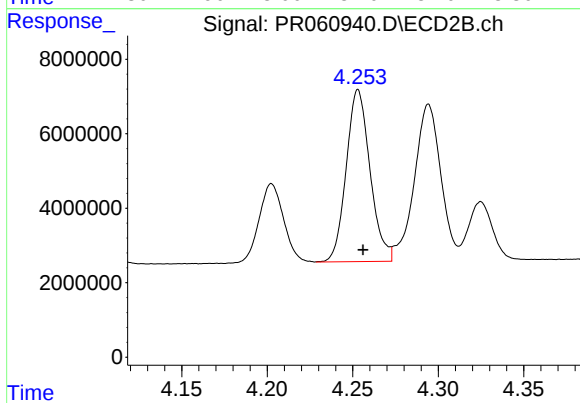
#5 AR-1016-3

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 21043448
Conc: 182.89 ng/ml



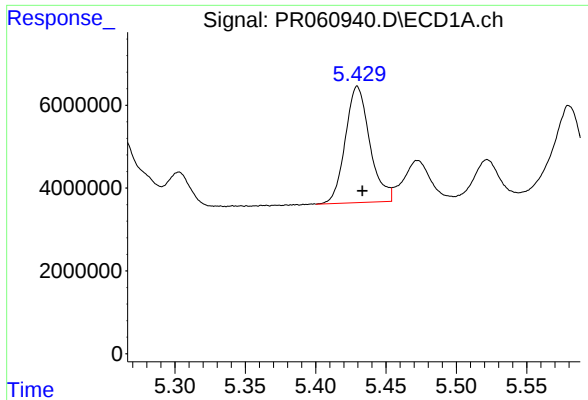
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 17456255
Conc: 221.46 ng/ml



#6 AR-1016-4

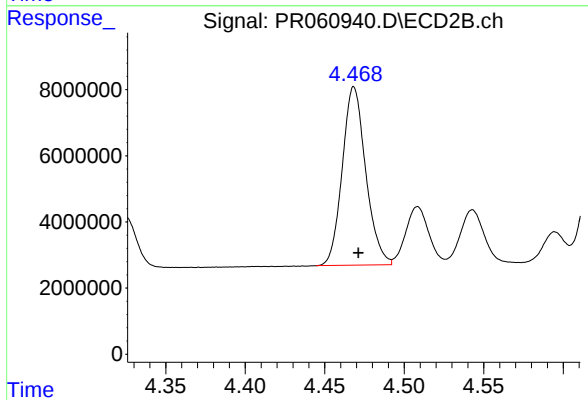
R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 44797759
Conc: 498.16 ng/ml



#7 AR-1016-5

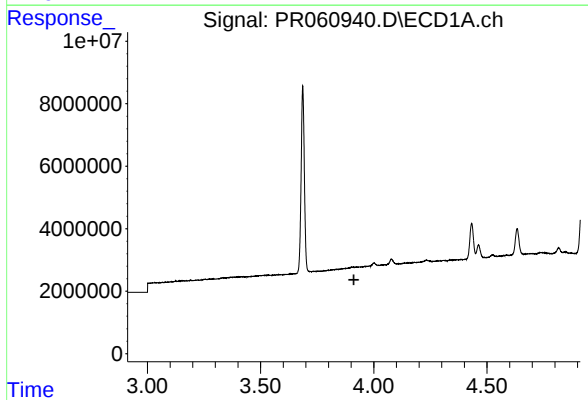
R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 33977423
Conc: 433.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



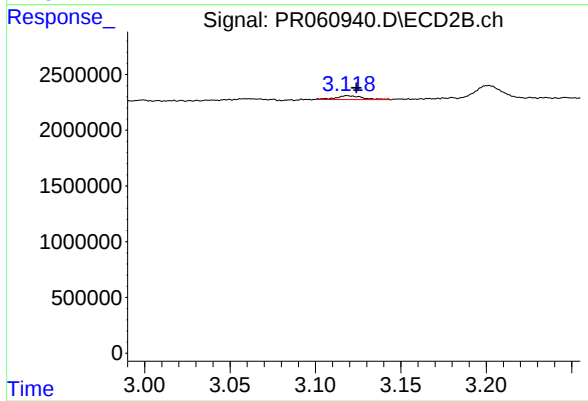
#7 AR-1016-5

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 55452006
Conc: 472.02 ng/ml



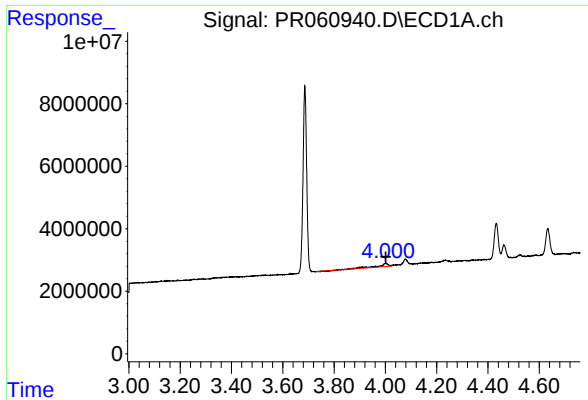
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.912 min
Response: 0
Conc: N.D.



#8 AR-1221-1

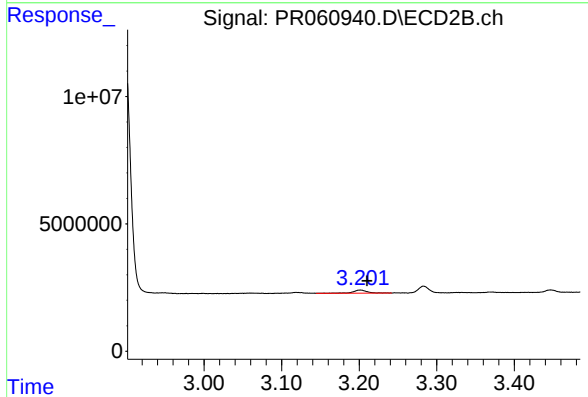
R.T.: 3.119 min
Delta R.T.: -0.005 min
Response: 371481
Conc: 7.49 ng/ml



#9 AR-1221-2

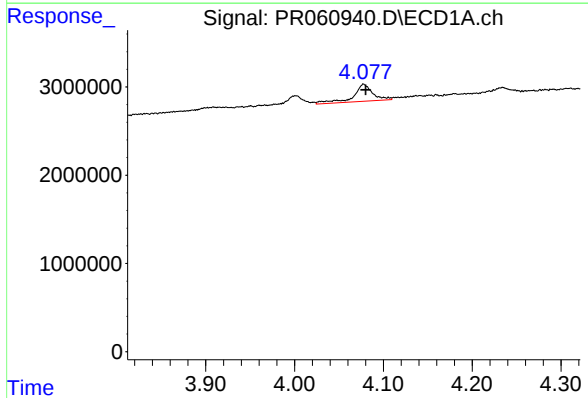
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 2683105
Conc: 93.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



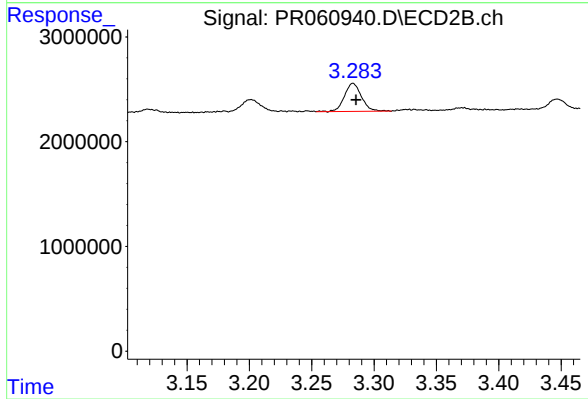
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.009 min
Response: 1589908
Conc: 44.52 ng/ml



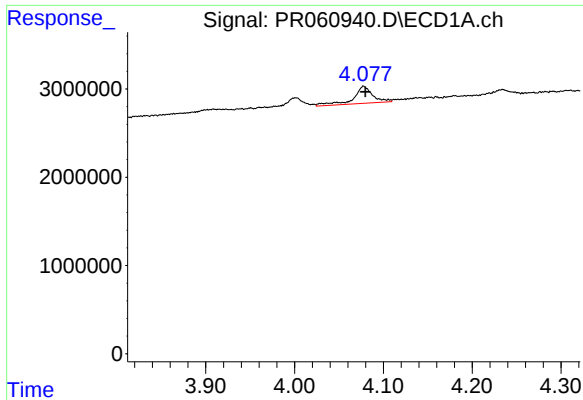
#10 AR-1221-3

R.T.: 4.078 min
Delta R.T.: -0.003 min
Response: 2959390
Conc: 31.94 ng/ml



#10 AR-1221-3

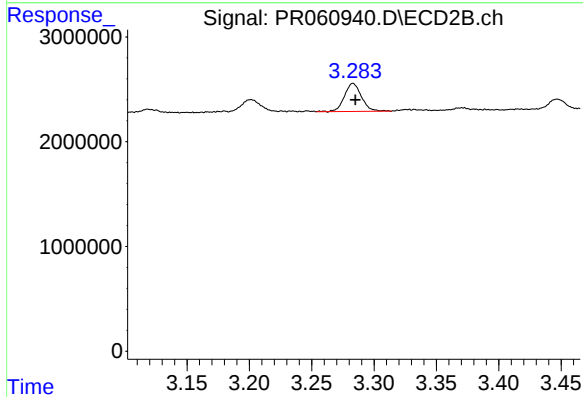
R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 2566179
Conc: 21.24 ng/ml



#11 AR-1232-1

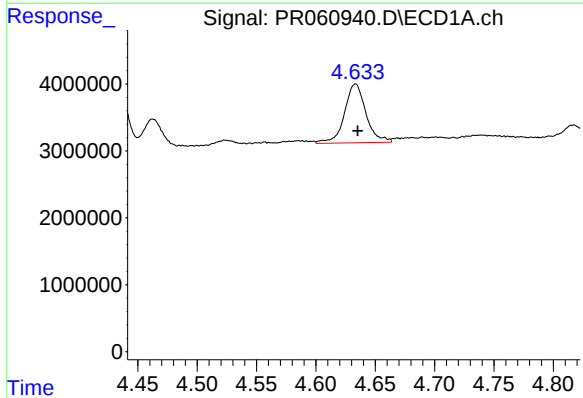
R.T.: 4.078 min
Delta R.T.: -0.002 min
Response: 2959390
Conc: 38.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



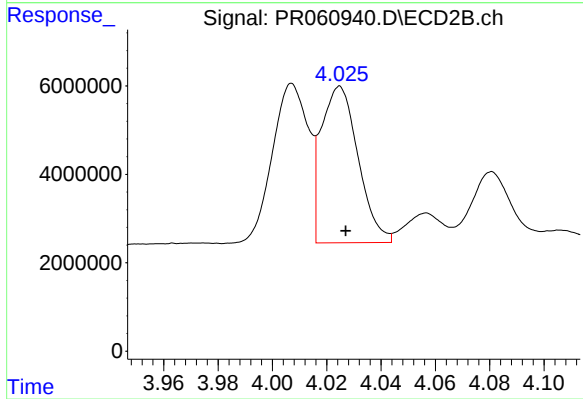
#11 AR-1232-1

R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 2566179
Conc: 25.52 ng/ml



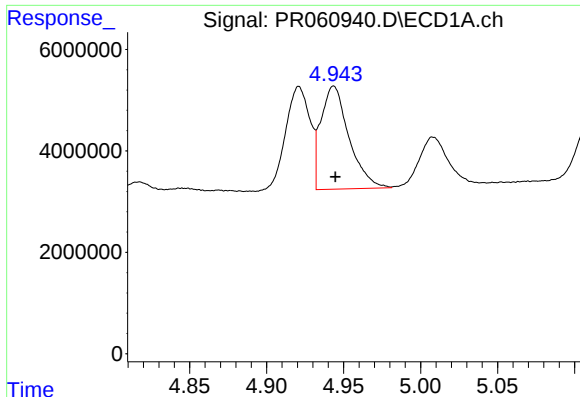
#12 AR-1232-2

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 11091897
Conc: 302.91 ng/ml



#12 AR-1232-2

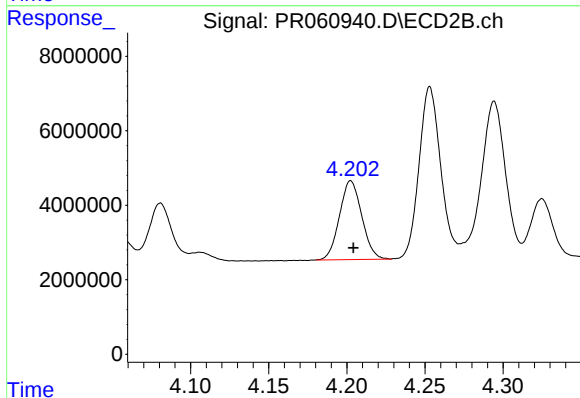
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 33435799
Conc: 344.01 ng/ml



#13 AR-1232-3

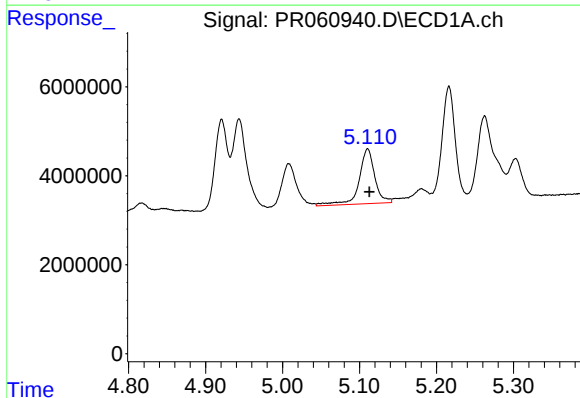
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 25857288
Conc: 360.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



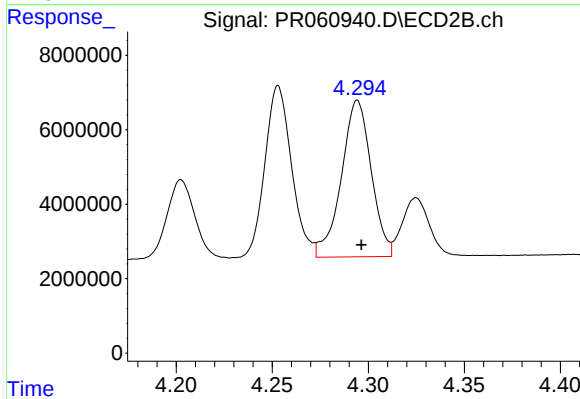
#13 AR-1232-3

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 21043448
Conc: 427.83 ng/ml



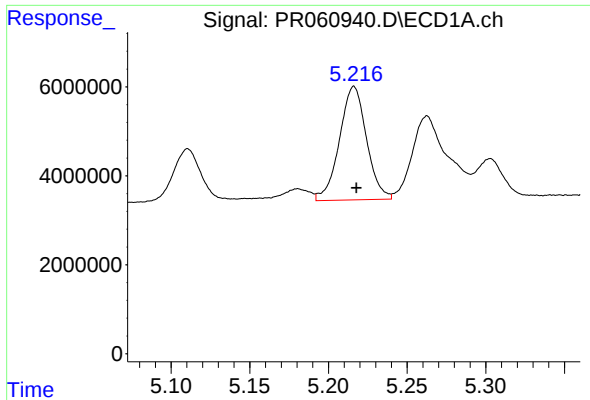
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: -0.002 min
Response: 17456255
Conc: 478.61 ng/ml



#14 AR-1232-4

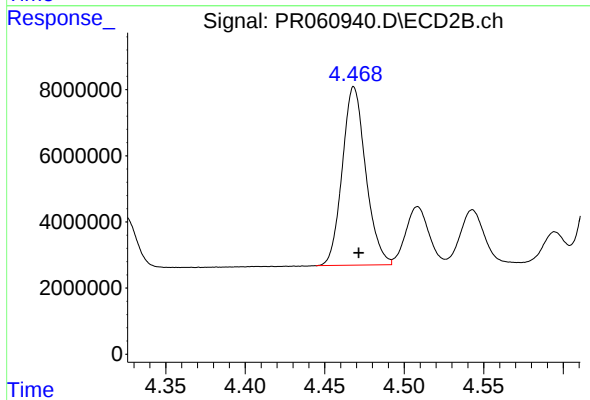
R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 45494548
Conc: 1057.54 ng/ml



#15 AR-1232-5

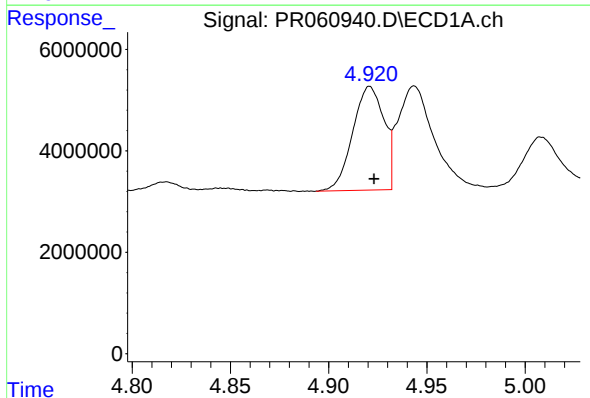
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 30603949
Conc: 1129.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



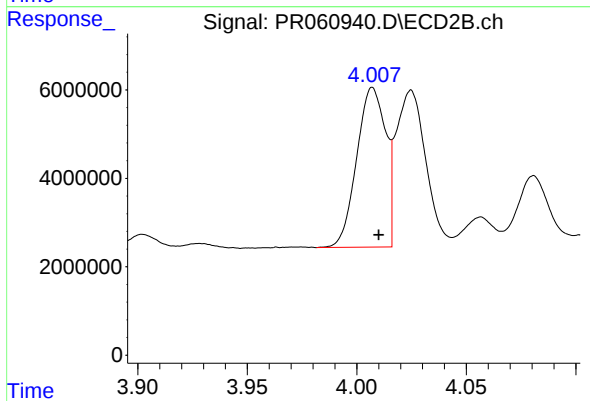
#15 AR-1232-5

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 55452006
Conc: 1141.12 ng/ml



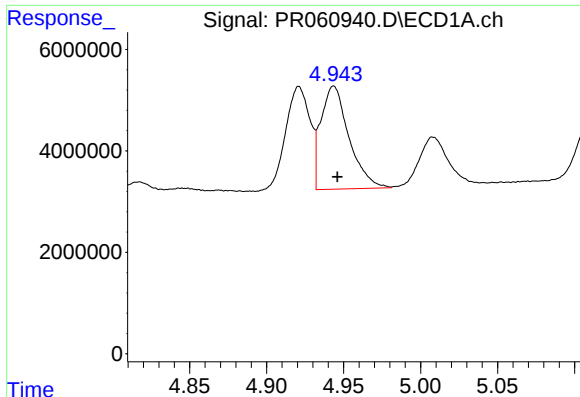
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 22601348
Conc: 245.75 ng/ml



#16 AR-1242-1

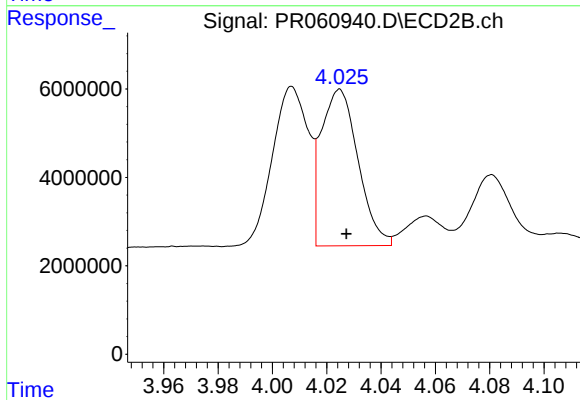
R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 33130580
Conc: 265.71 ng/ml



#17 AR-1242-2

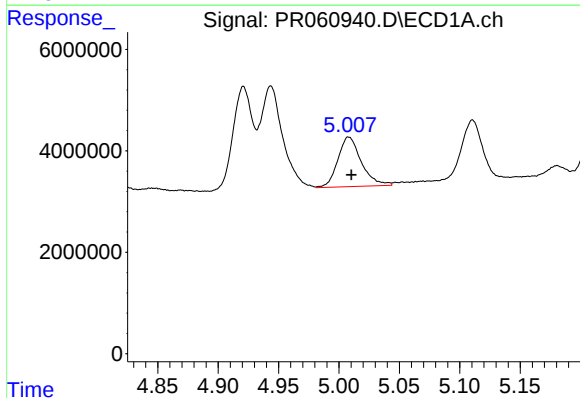
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 25857288
Conc: 200.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



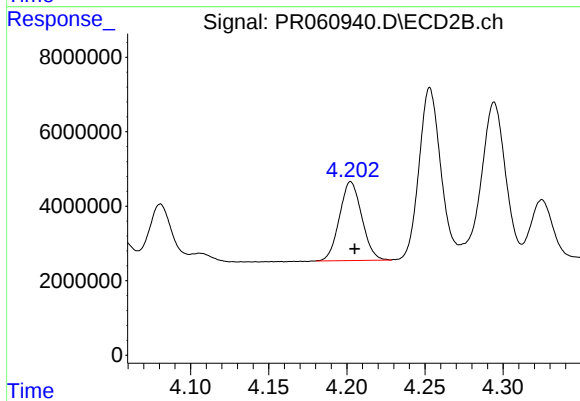
#17 AR-1242-2

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 33435799
Conc: 186.18 ng/ml



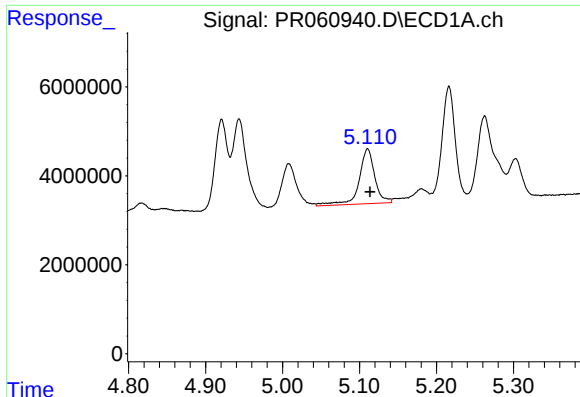
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: -0.002 min
Response: 13207565
Conc: 160.11 ng/ml



#18 AR-1242-3

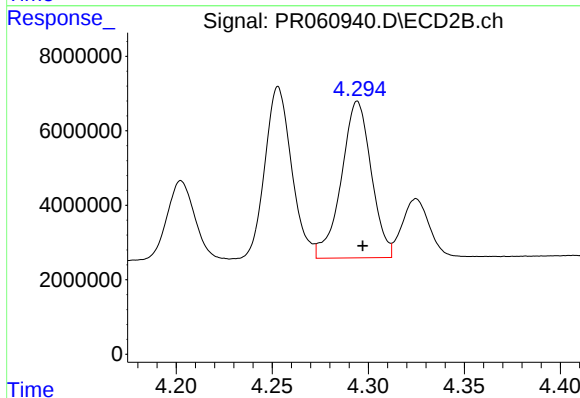
R.T.: 4.203 min
Delta R.T.: -0.003 min
Response: 21043448
Conc: 227.11 ng/ml



#19 AR-1242-4

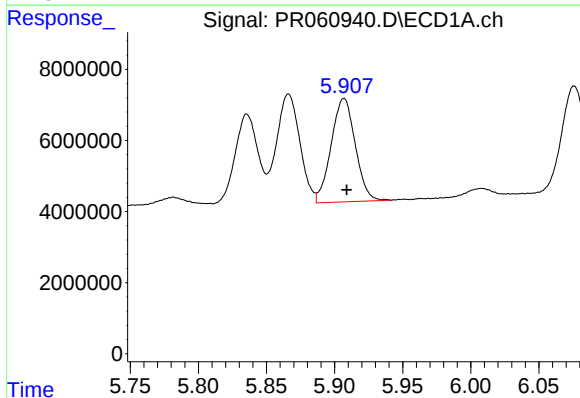
R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 17456255
Conc: 261.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



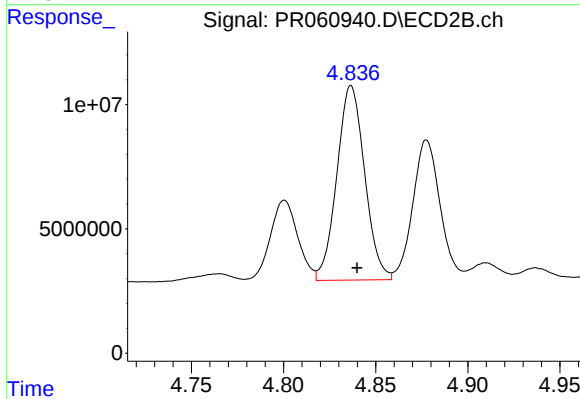
#19 AR-1242-4

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 45494548
Conc: 517.93 ng/ml



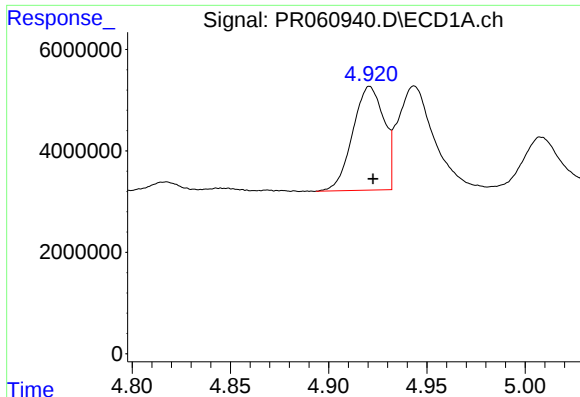
#20 AR-1242-5

R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 35941007
Conc: 520.16 ng/ml



#20 AR-1242-5

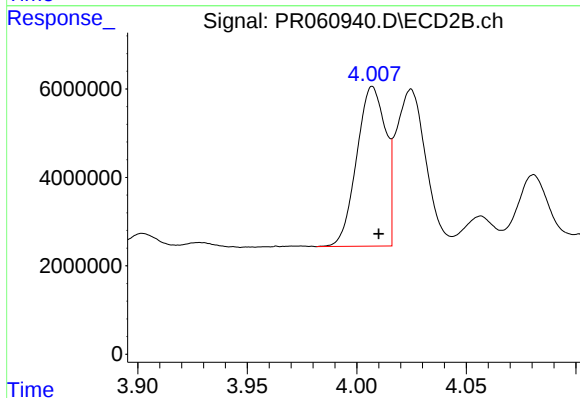
R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 82148160
Conc: 707.56 ng/ml



#21 AR-1248-1

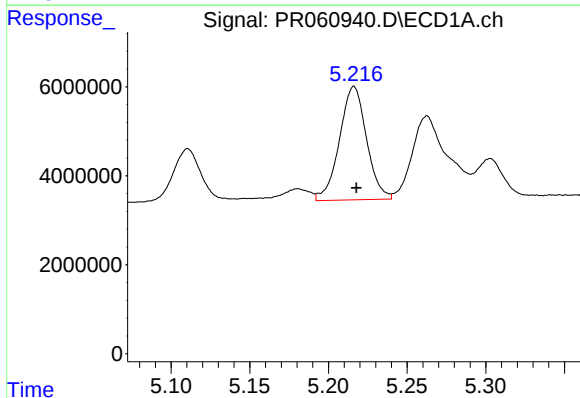
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 22601348
Conc: 321.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



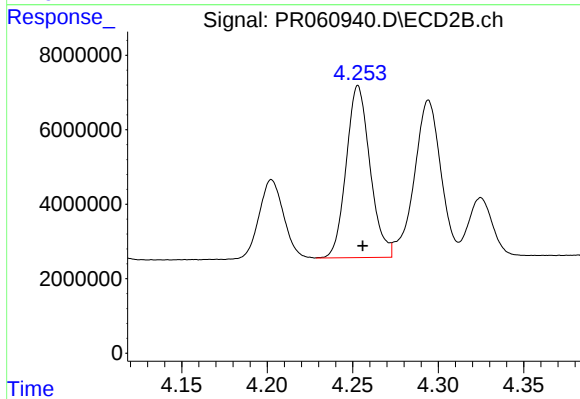
#21 AR-1248-1

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 33130580
Conc: 344.32 ng/ml



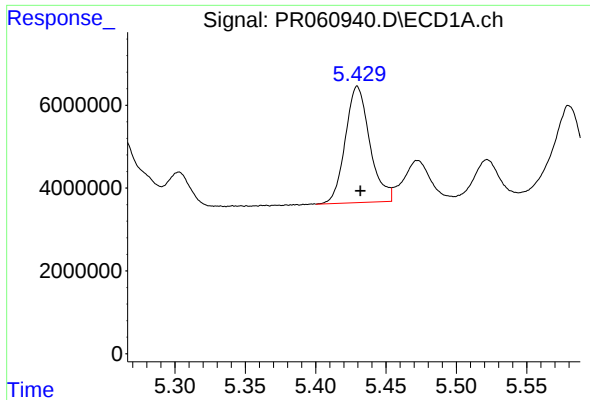
#22 AR-1248-2

R.T.: 5.216 min
Delta R.T.: -0.001 min
Response: 30603949
Conc: 321.03 ng/ml



#22 AR-1248-2

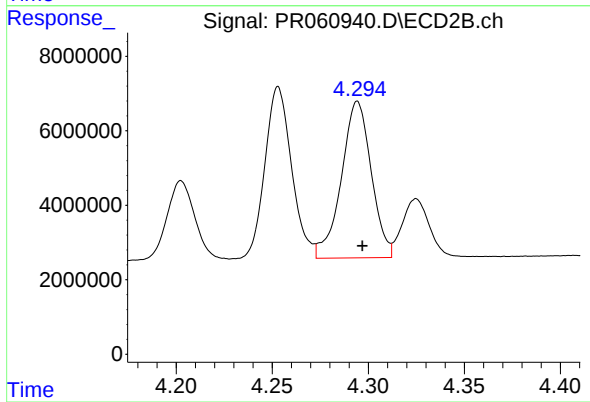
R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 44797759
Conc: 332.81 ng/ml



#23 AR-1248-3

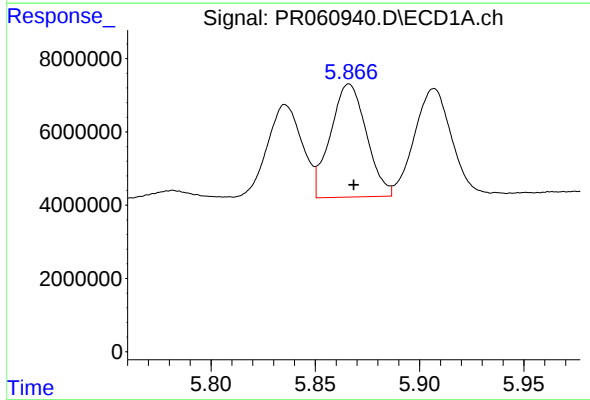
R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 33977423
Conc: 305.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



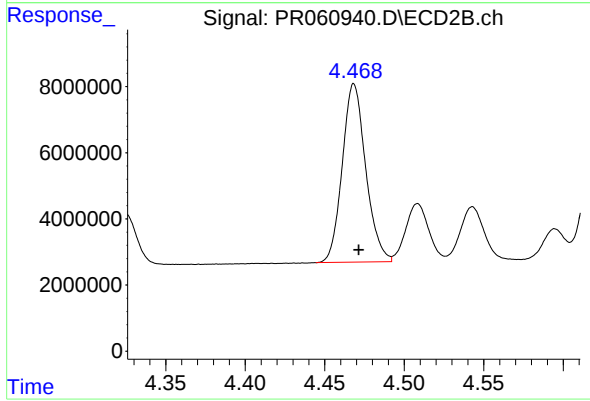
#23 AR-1248-3

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 45494548
Conc: 334.00 ng/ml



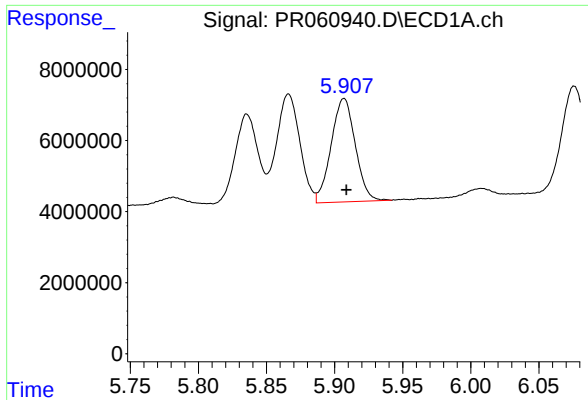
#24 AR-1248-4

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 37085743
Conc: 296.01 ng/ml



#24 AR-1248-4

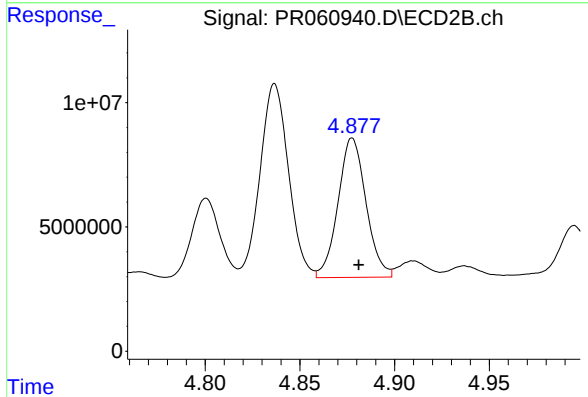
R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 55452006
Conc: 333.16 ng/ml



#25 AR-1248-5

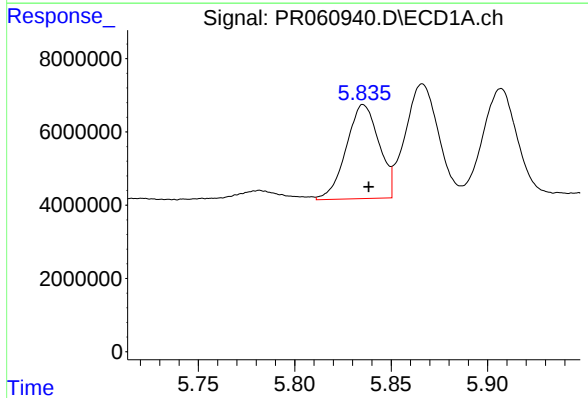
R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 35941007
Conc: 296.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



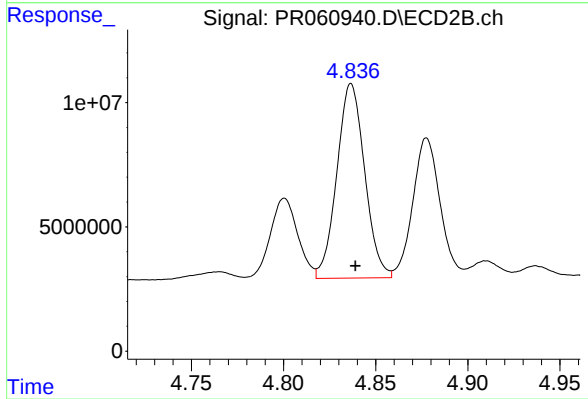
#25 AR-1248-5

R.T.: 4.878 min
Delta R.T.: -0.003 min
Response: 57666050
Conc: 338.06 ng/ml



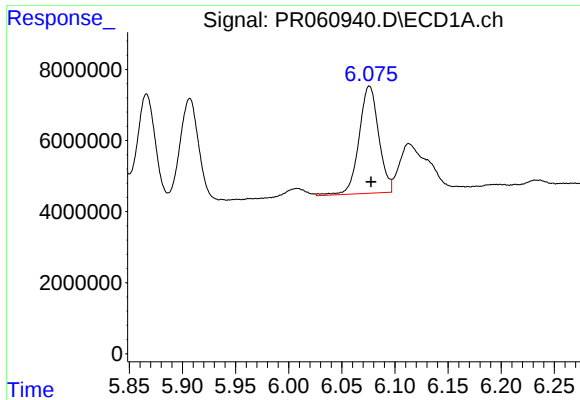
#26 AR-1254-1

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 30298207
Conc: 256.34 ng/ml



#26 AR-1254-1

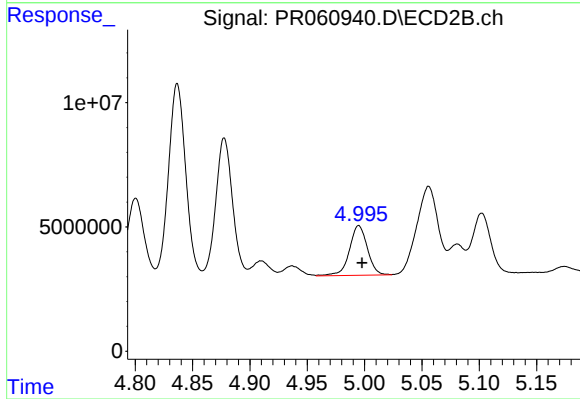
R.T.: 4.837 min
Delta R.T.: -0.002 min
Response: 82148160
Conc: 325.17 ng/ml



#27 AR-1254-2

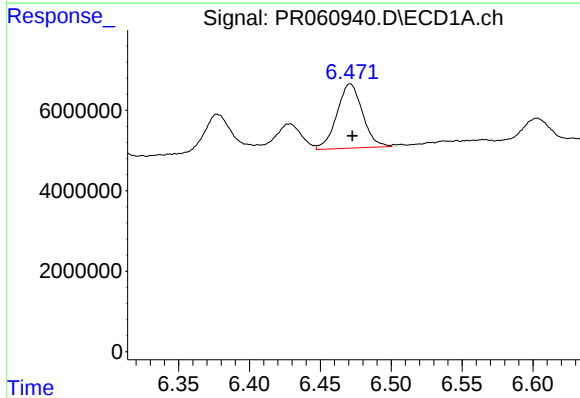
R.T.: 6.076 min
Delta R.T.: -0.002 min
Response: 38827182
Conc: 204.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



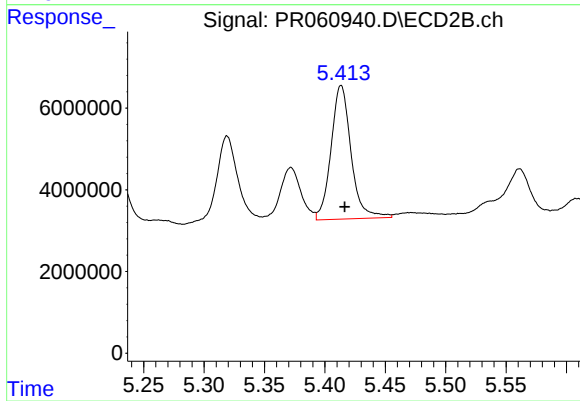
#27 AR-1254-2

R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 21813496
Conc: 99.43 ng/ml



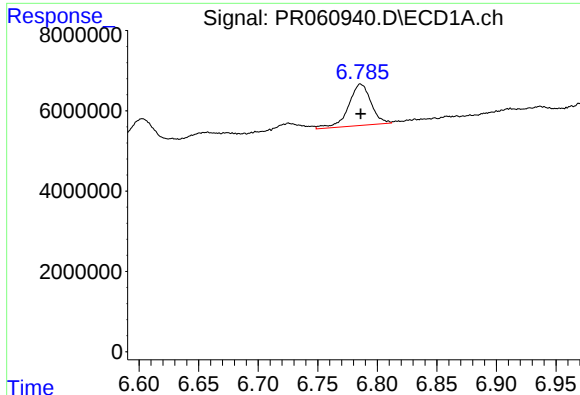
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 20133069
Conc: 99.40 ng/ml



#28 AR-1254-3

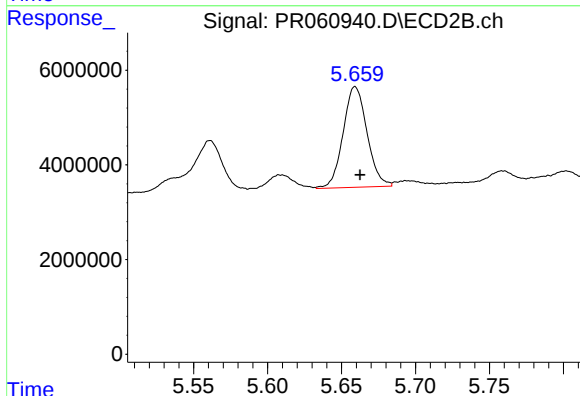
R.T.: 5.413 min
Delta R.T.: -0.003 min
Response: 37753194
Conc: 103.44 ng/ml



#29 AR-1254-4

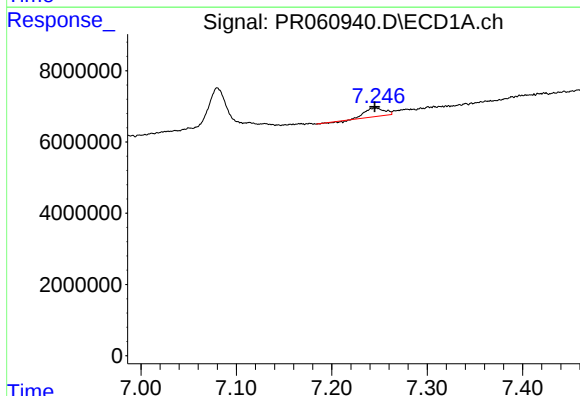
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 13482673
Conc: 88.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



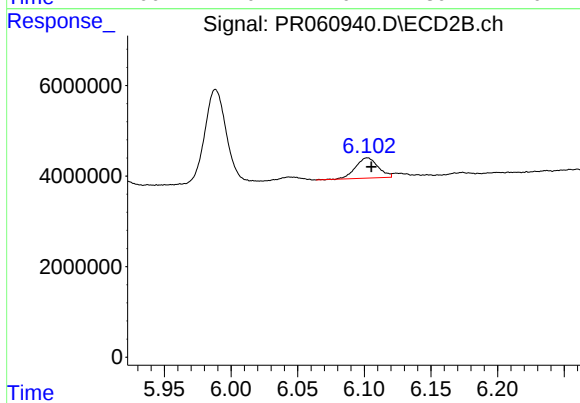
#29 AR-1254-4

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 23983748
Conc: 104.50 ng/ml



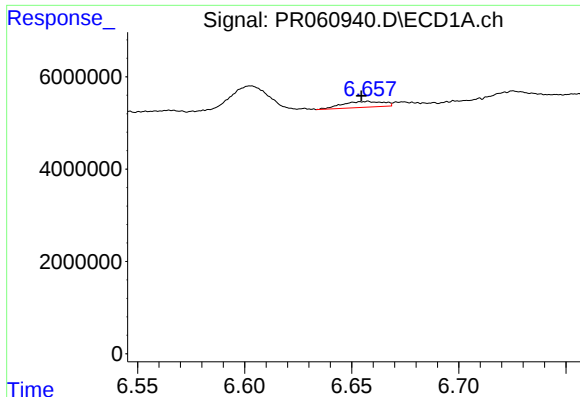
#30 AR-1254-5

R.T.: 7.246 min
Delta R.T.: 0.001 min
Response: 3179849
Conc: 19.45 ng/ml



#30 AR-1254-5

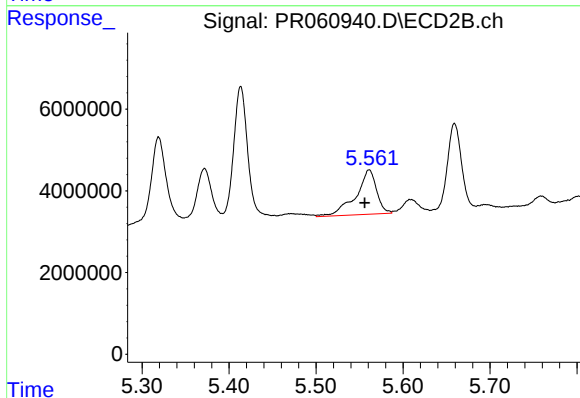
R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 5258237
Conc: 15.85 ng/ml



#31 AR-1260-1

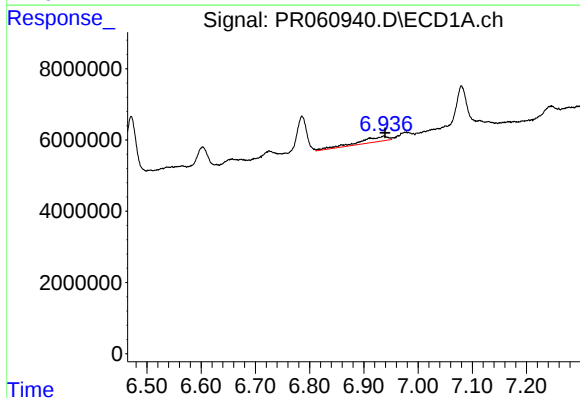
R.T.: 6.657 min
Delta R.T.: 0.003 min
Response: 1692966
Conc: 10.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



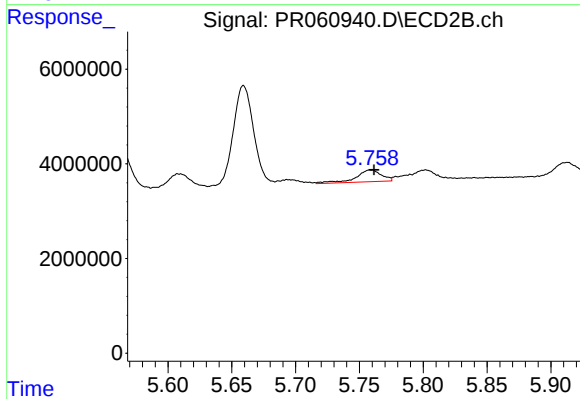
#31 AR-1260-1

R.T.: 5.561 min
Delta R.T.: 0.005 min
Response: 17991648
Conc: 70.63 ng/ml



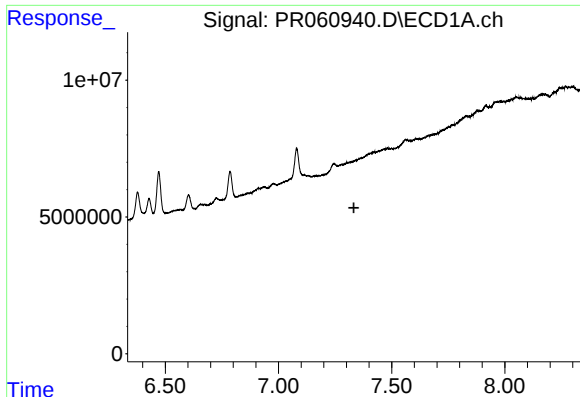
#32 AR-1260-2

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 5395918
Conc: 29.28 ng/ml



#32 AR-1260-2

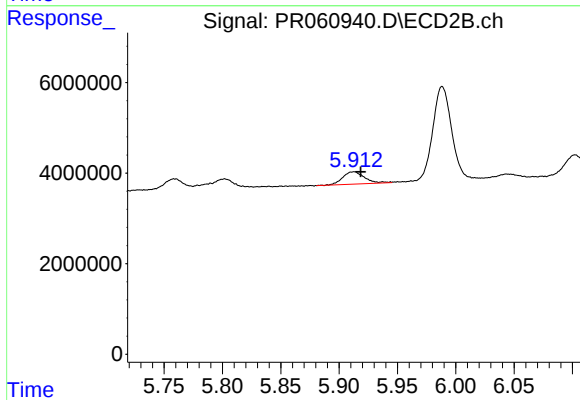
R.T.: 5.759 min
Delta R.T.: -0.002 min
Response: 3463683
Conc: 11.04 ng/ml



#33 AR-1260-3

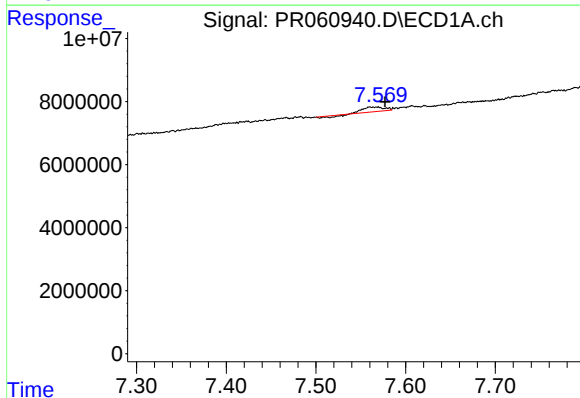
R.T.: 0.000 min
Exp R.T.: 7.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



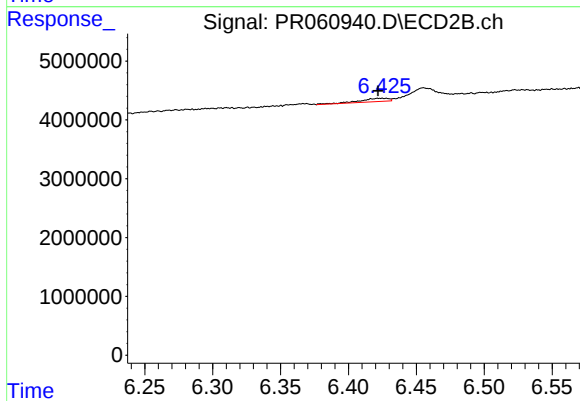
#33 AR-1260-3

R.T.: 5.913 min
Delta R.T.: -0.006 min
Response: 3501438
Conc: 12.16 ng/ml



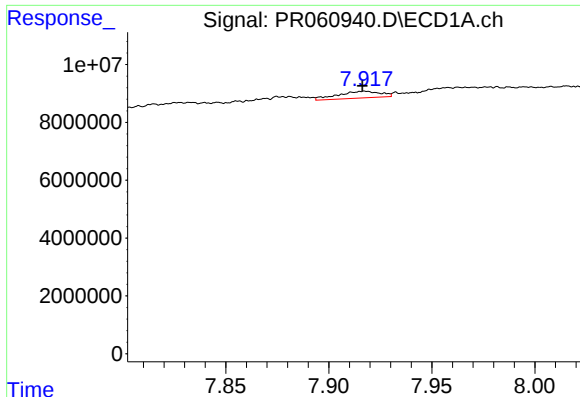
#34 AR-1260-4

R.T.: 7.560 min
Delta R.T.: -0.017 min
Response: 1961441
Conc: 12.41 ng/ml



#34 AR-1260-4

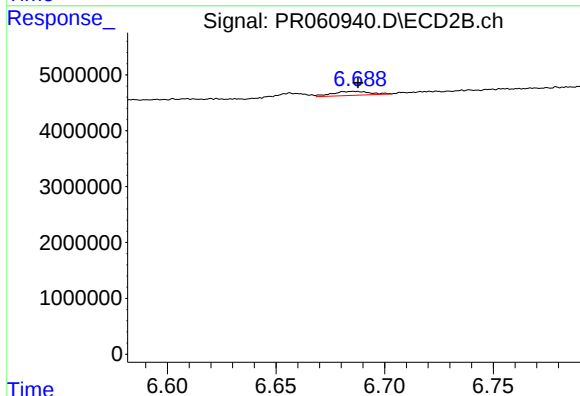
R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 816942
Conc: 3.33 ng/ml



#35 AR-1260-5

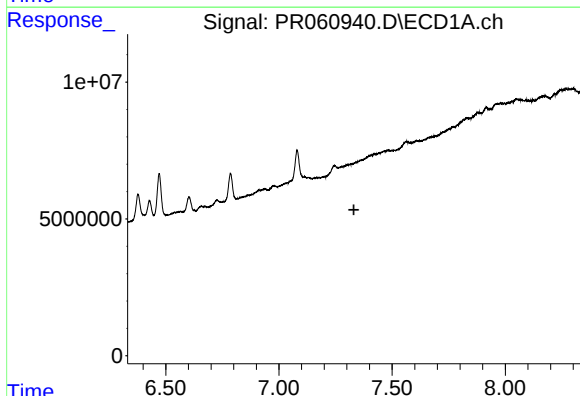
R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 3312770
Conc: 10.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



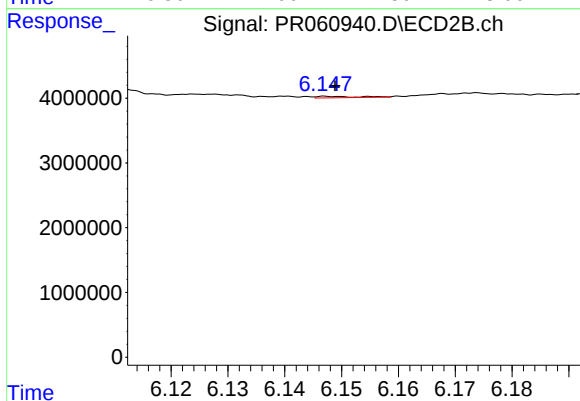
#35 AR-1260-5

R.T.: 6.686 min
Delta R.T.: -0.002 min
Response: 869145
Conc: 1.47 ng/ml



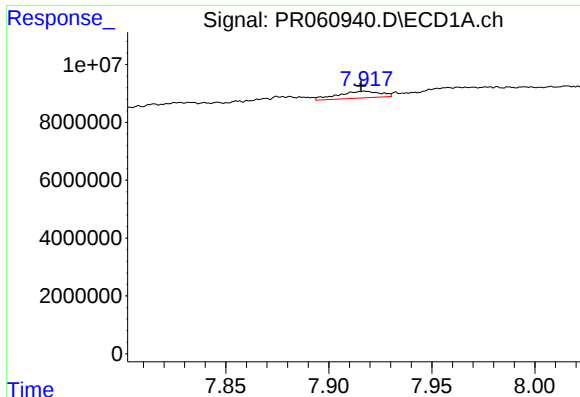
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.331 min
Response: 0
Conc: N.D.



#36 AR-1262-1

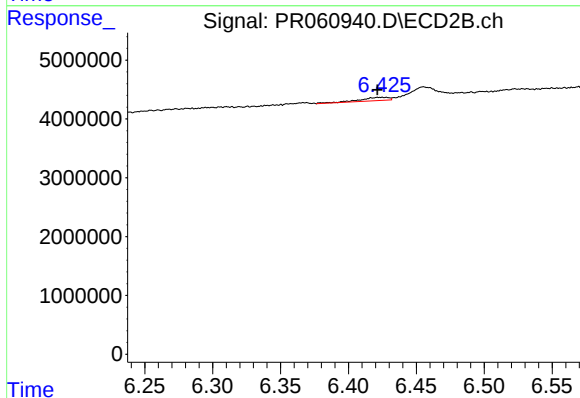
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 110716
Conc: 0.32 ng/ml



#37 AR-1262-2

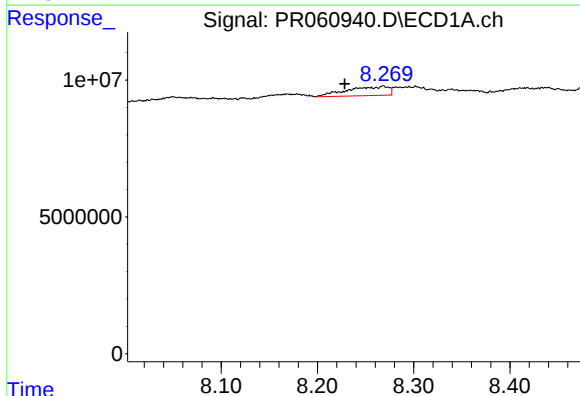
R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 3312770
Conc: 9.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



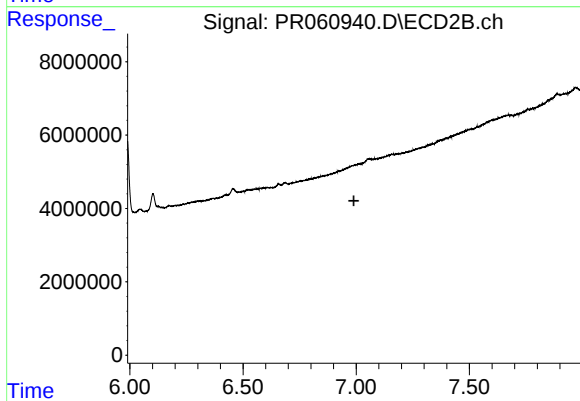
#37 AR-1262-2

R.T.: 6.423 min
Delta R.T.: 0.002 min
Response: 816942
Conc: 2.58 ng/ml



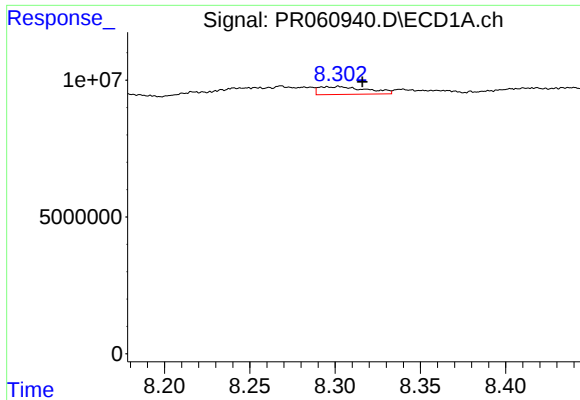
#38 AR-1262-3

R.T.: 8.268 min
Delta R.T.: 0.040 min
Response: 9905214
Conc: 40.25 ng/ml



#38 AR-1262-3

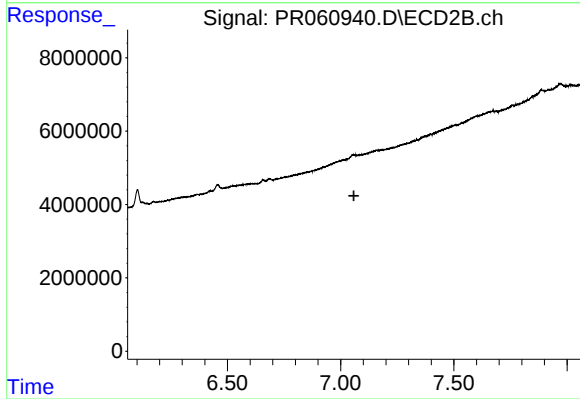
R.T.: 7.056 min
Delta R.T.: 0.066 min
Response: -1174653
Conc: N.D.



#39 AR-1262-4

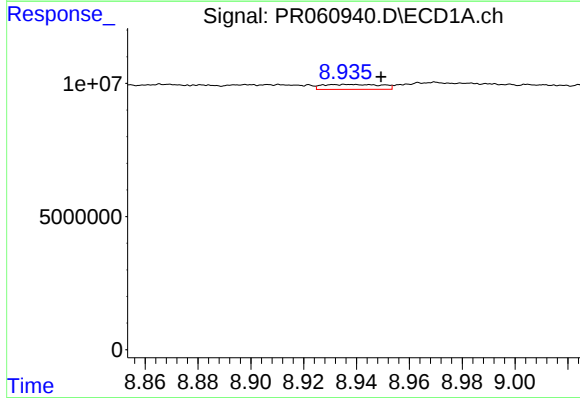
R.T.: 8.302 min
Delta R.T.: -0.014 min
Response: 5567936
Conc: 29.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



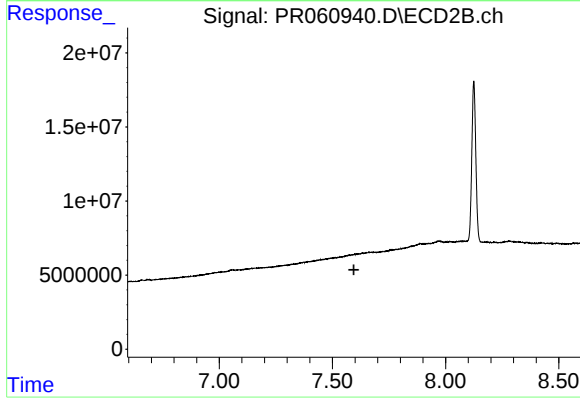
#39 AR-1262-4

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: -1174653
Conc: N.D.



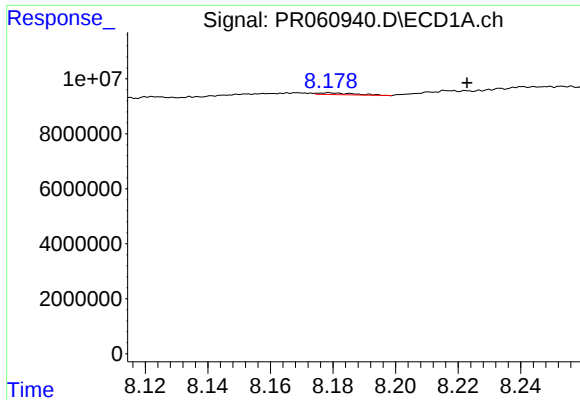
#40 AR-1262-5

R.T.: 8.937 min
Delta R.T.: -0.012 min
Response: 2848593
Conc: 20.94 ng/ml



#40 AR-1262-5

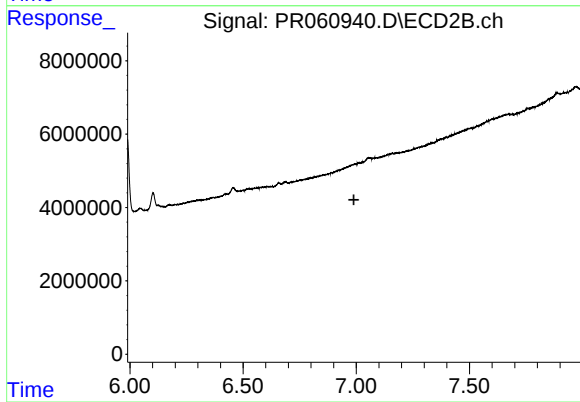
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

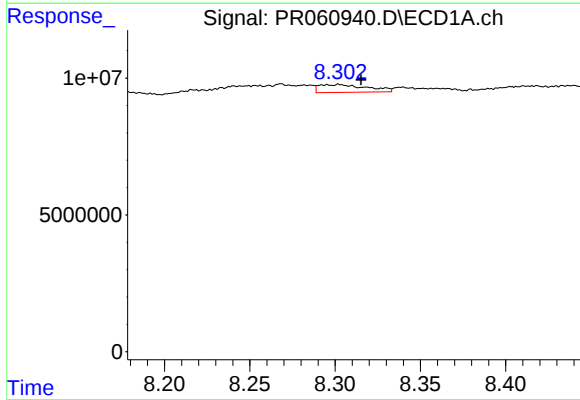
R.T.: 8.179 min
Delta R.T.: -0.044 min
Response: 521517
Conc: 1.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



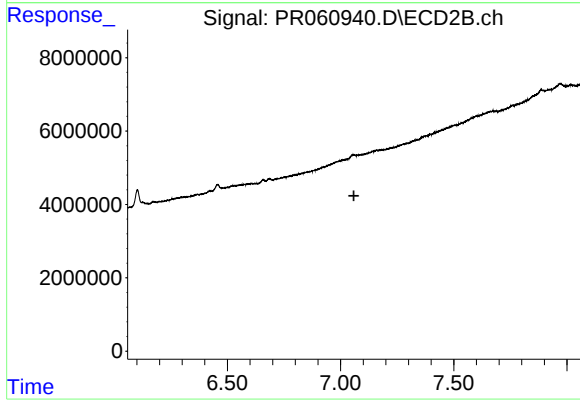
#41 AR-1268-1

R.T.: 7.056 min
Delta R.T.: 0.067 min
Response: -1174653
Conc: N.D.



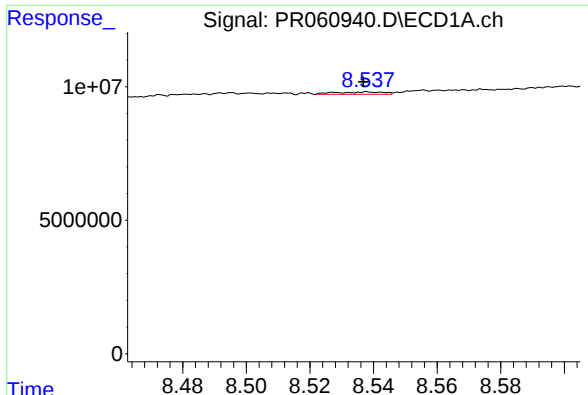
#42 AR-1268-2

R.T.: 8.302 min
Delta R.T.: -0.013 min
Response: 5567936
Conc: 18.23 ng/ml



#42 AR-1268-2

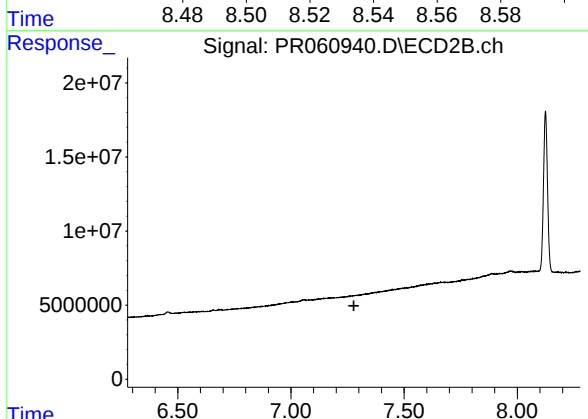
R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: -1174653
Conc: N.D.



#43 AR-1268-3

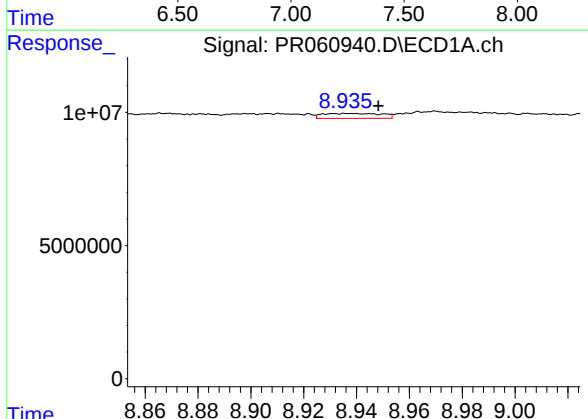
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 913084
Conc: 3.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



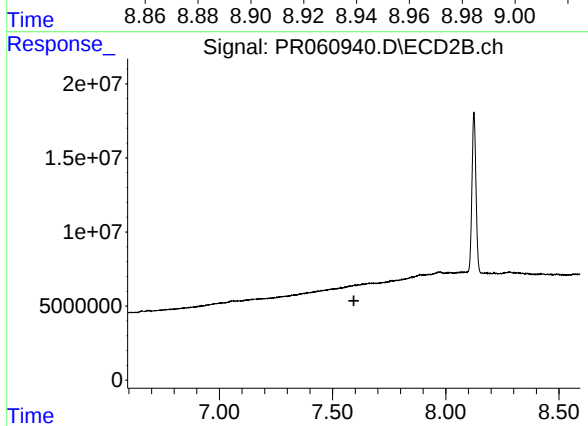
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.278 min
Response: 0
Conc: N.D.



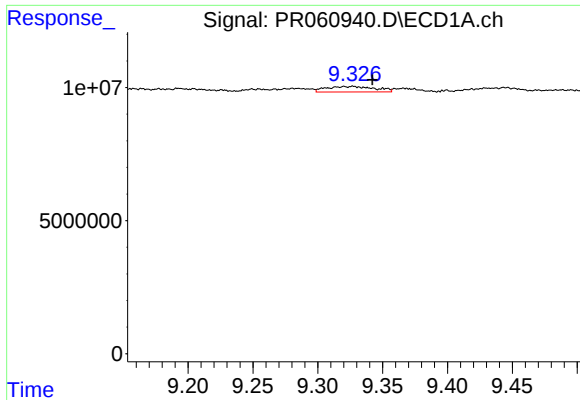
#44 AR-1268-4

R.T.: 8.937 min
Delta R.T.: -0.011 min
Response: 2848593
Conc: 23.63 ng/ml



#44 AR-1268-4

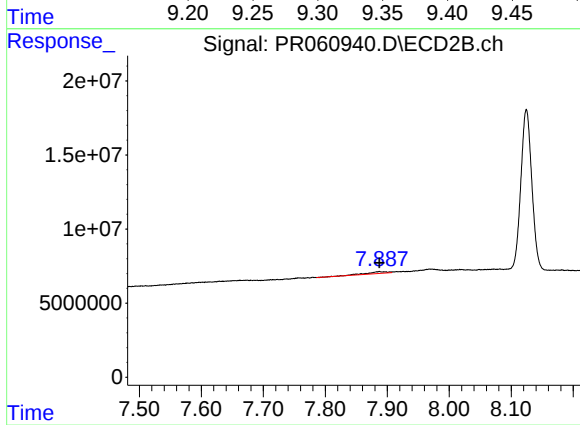
R.T.: 0.000 min
Exp R.T. : 7.594 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.327 min
Delta R.T.: -0.015 min
Response: 5475223
Conc: 6.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 2911246
Conc: 1.92 ng/ml