

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101019\
 Data File : PR042209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2019 15:48
 Operator : SM\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1268380

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 05:34:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 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...	4.724	3.988	94234924	359.3E6	23.165	23.498
2)	SA Decachlor...	10.644	9.098	259.9E6	826.6E6	75.624	83.372
Target Compounds							
3)	L1 AR-1016-1	5.901	0.000	1361175	0	9.481	N.D. #
4)	L1 AR-1016-2	5.924	0.000	1740750	0	8.512	N.D. #
5)	L1 AR-1016-3	5.988	0.000	1632058	0	13.424	N.D. #
6)	L1 AR-1016-4	6.088	0.000	1705456	0	16.769	N.D. #
7)	L1 AR-1016-5	6.381	0.000	4543864	0	45.634	N.D. #
9)	L2 AR-1221-2	5.036	0.000	1298062	0	44.740	N.D. #
10)	L2 AR-1221-3	5.036f	0.000	1298062	0	13.342	N.D. #
11)	L3 AR-1232-1	5.036f	0.000	1298062	0	15.513	N.D. #
12)	L3 AR-1232-2	5.634	0.000	474880	0	11.024	N.D. #
13)	L3 AR-1232-3	5.924	0.000	1740750	0	19.360	N.D. #
14)	L3 AR-1232-4	6.088	0.000	1705456	0	38.322	N.D. #
15)	L3 AR-1232-5	6.174	0.000	2883321	0	87.768	N.D. #
16)	L4 AR-1242-1	5.901	0.000	1361175	0	12.343	N.D. #
17)	L4 AR-1242-2	5.924	0.000	1740750	0	11.213	N.D. #
18)	L4 AR-1242-3	5.988	0.000	1632058	0	17.394	N.D. #
19)	L4 AR-1242-4	6.088	0.000	1705456	0	21.953	N.D. #
20)	L4 AR-1242-5	6.824	0.000	4014115	0	45.861	N.D. #
21)	L5 AR-1248-1	5.901	0.000	1361175	0	16.358	N.D. #
22)	L5 AR-1248-2	6.174	0.000	2883321	0	25.126	N.D. #
23)	L5 AR-1248-3	6.381	0.000	4543864	0	35.045	N.D. #
24)	L5 AR-1248-4	6.784	0.000	2792399	0	18.198	N.D. #
25)	L5 AR-1248-5	6.824	0.000	4014115	0	27.724	N.D. #
26)	L6 AR-1254-1	6.759	0.000	4835311	0	29.608	N.D. #
27)	L6 AR-1254-2	6.982	0.000	4818328	0	19.421	N.D. #
28)	L6 AR-1254-3	7.345	0.000	3756166	0	13.919	N.D. #
29)	L6 AR-1254-4	7.629	0.000	4987027	0	24.572	N.D. #
30)	L6 AR-1254-5	8.033	7.132f	3435050	177.7E6	16.153	206.994 #
31)	L7 AR-1260-1	7.509	0.000	1677437	0	8.854	N.D. #
32)	L7 AR-1260-2	7.762	0.000	4958421	0	20.978	N.D. #
33)	L7 AR-1260-3	8.123	6.928	47191208	10366815	251.381	14.996 #
34)	L7 AR-1260-4	8.383	7.392	60582656	231.4E6	301.456	398.723 #
35)	L7 AR-1260-5	8.702	7.633	25428846	90513291	58.742	55.671
36)	L8 AR-1262-1	8.183	7.132f	4025308	177.7E6	42.763	407.851 #
37)	L8 AR-1262-2	8.702	7.633	25428846	90513291	58.953	52.578
38)	L8 AR-1262-3	9.032	7.919	252.8E6	975.5E6	906.947	1494.535 #
39)	L8 AR-1262-4	9.133	7.984	227.7E6	866.2E6	1111.403	741.211 #
40)	L8 AR-1262-5	9.834	8.501	79194949	301.6E6	549.014	563.827
41)	L9 AR-1268-1	9.032	7.919	252.8E6	975.5E6	460.279	444.911
42)	L9 AR-1268-2	9.133	7.984	227.7E6	866.2E6	457.971	435.289

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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	9.377	8.198	187.1E6	730.2E6	458.708	435.728
44) L9	AR-1268-4	9.834	8.501	79194949	301.6E6	451.387	467.336
45) L9	AR-1268-5	10.279	8.818	603.0E6	2025.3E6	462.782	441.339

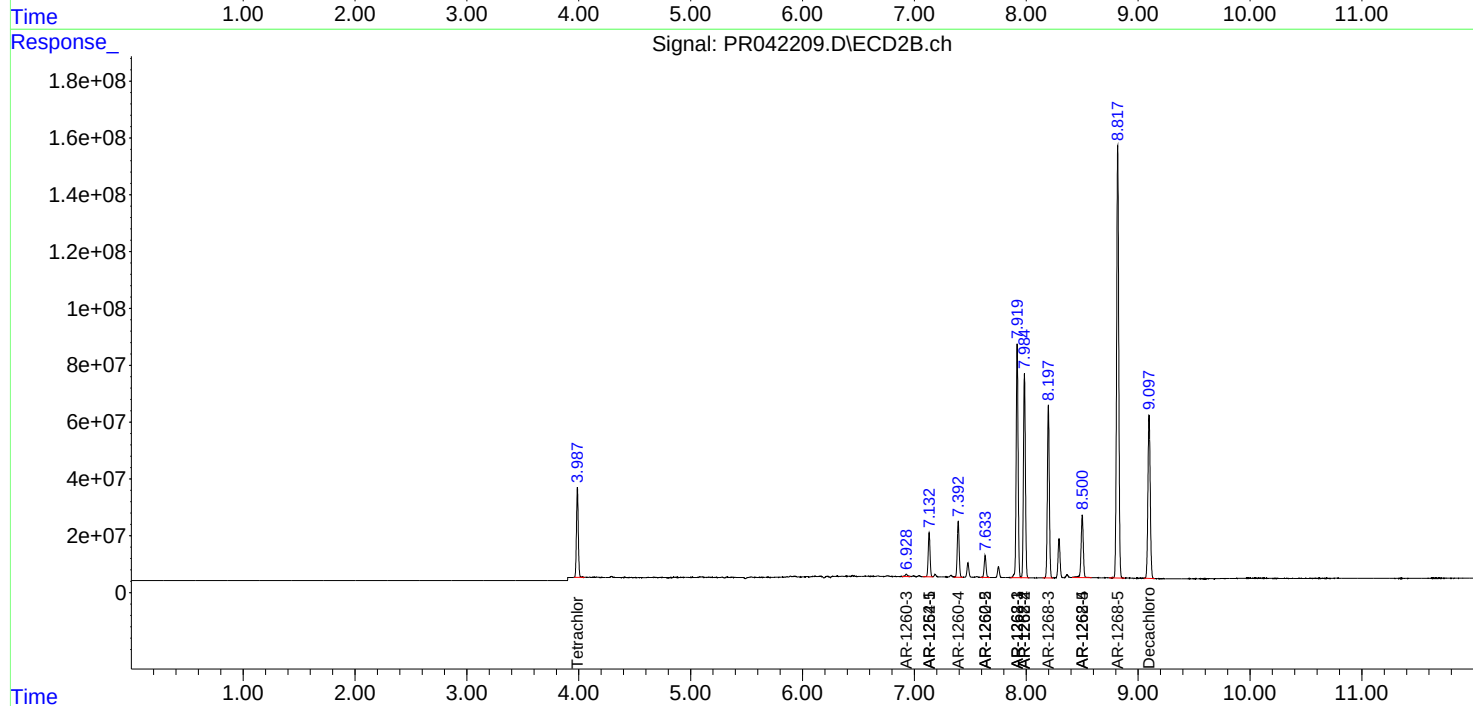
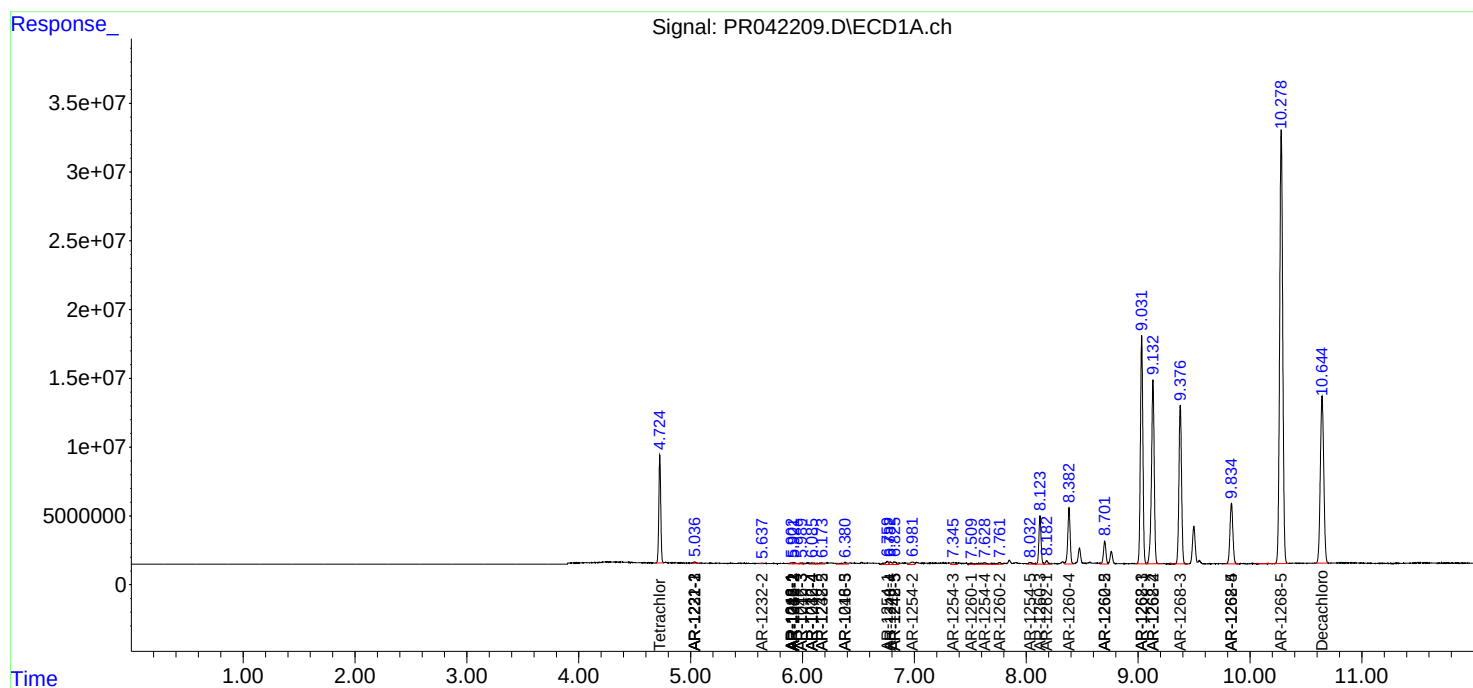
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

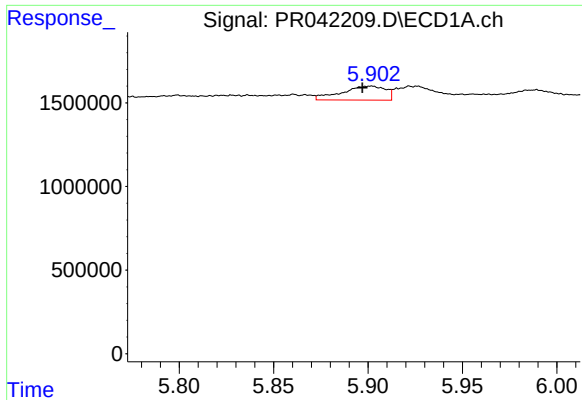
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QLast Update : Fri Oct 04 06:59:35 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

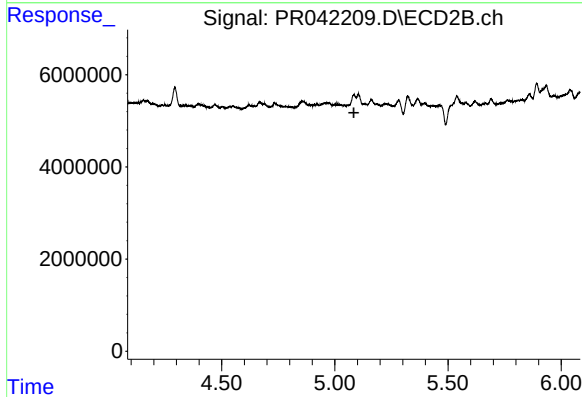




#3 AR-1016-1

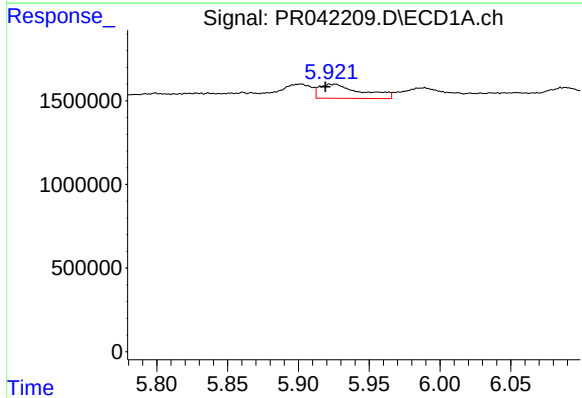
R.T.: 5.901 min
Delta R.T.: 0.004 min
Response: 1361175
Conc: 9.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



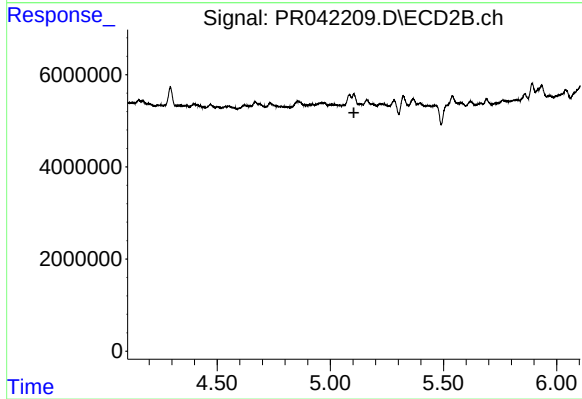
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



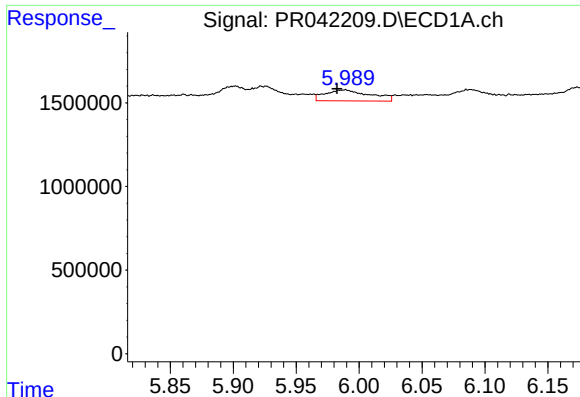
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: 0.005 min
Response: 1740750
Conc: 8.51 ng/ml



#4 AR-1016-2

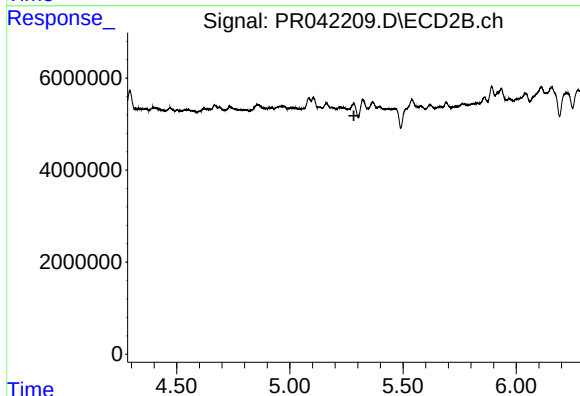
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#5 AR-1016-3

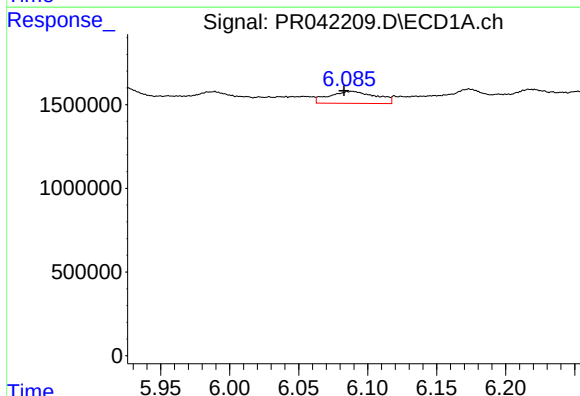
R.T.: 5.988 min
Delta R.T.: 0.005 min
Response: 1632058
Conc: 13.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



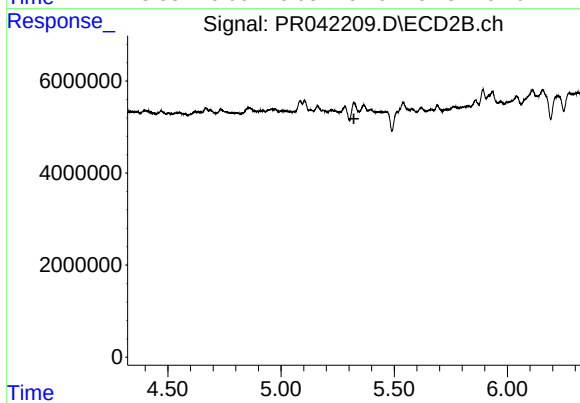
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



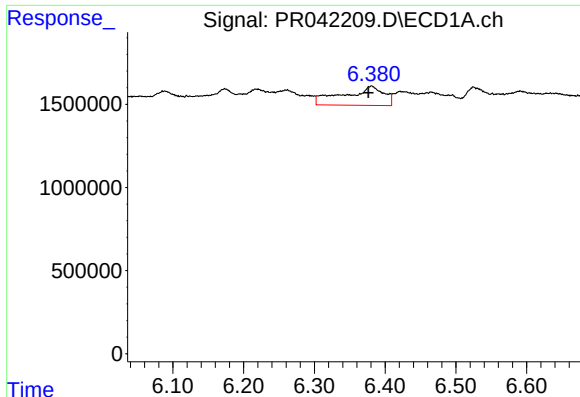
#6 AR-1016-4

R.T.: 6.088 min
Delta R.T.: 0.005 min
Response: 1705456
Conc: 16.77 ng/ml



#6 AR-1016-4

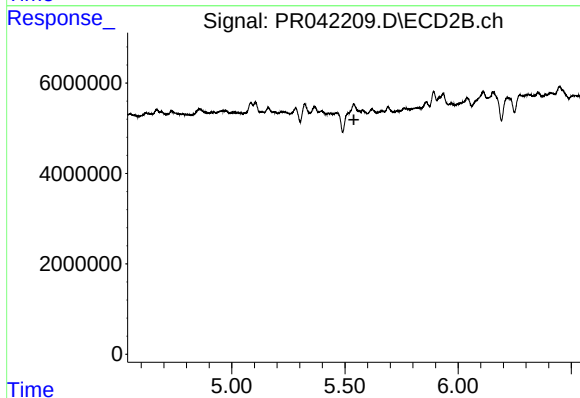
R.T.: 0.000 min
Exp R.T. : 5.322 min
Response: 0
Conc: N.D.



#7 AR-1016-5

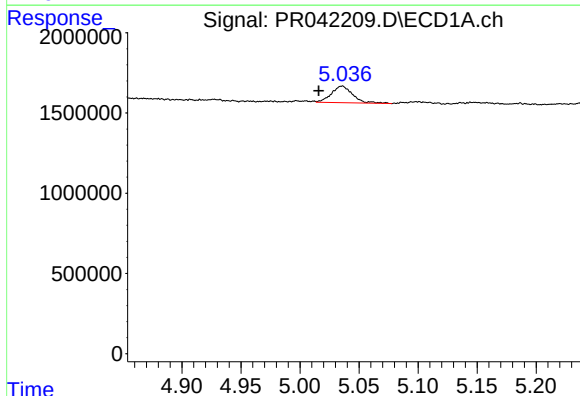
R.T.: 6.381 min
Delta R.T.: 0.004 min
Response: 4543864
Conc: 45.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



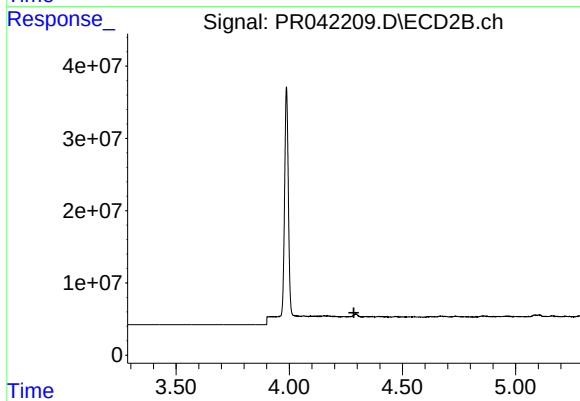
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.539 min
Response: 0
Conc: N.D.



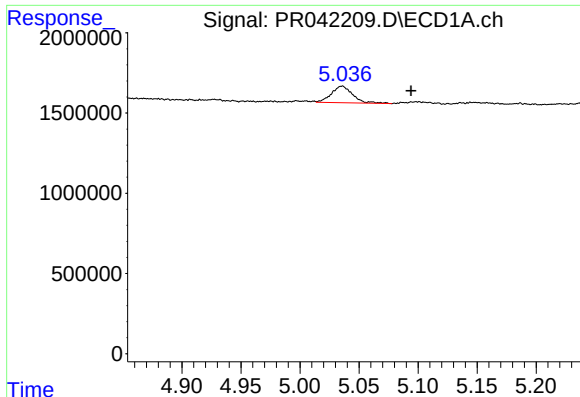
#9 AR-1221-2

R.T.: 5.036 min
Delta R.T.: 0.020 min
Response: 1298062
Conc: 44.74 ng/ml



#9 AR-1221-2

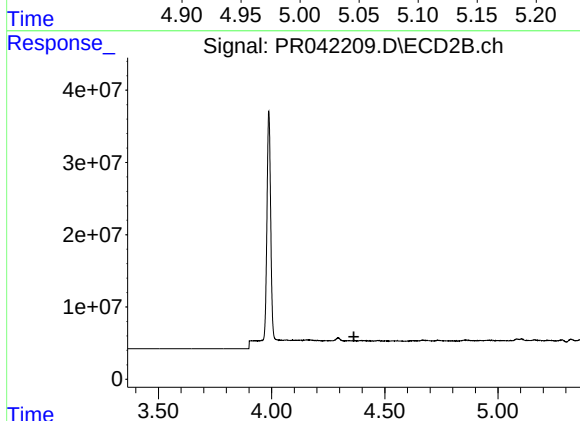
R.T.: 0.000 min
Exp R.T. : 4.286 min
Response: 0
Conc: N.D.



#10 AR-1221-3

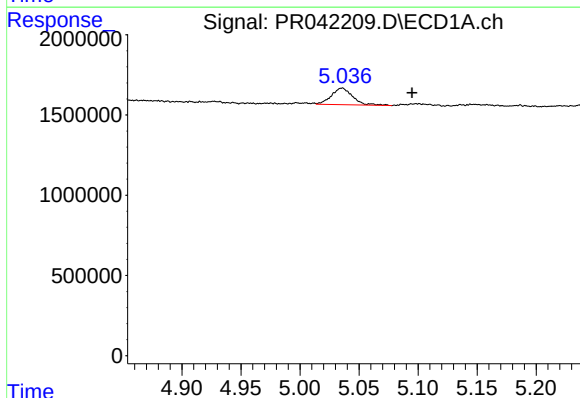
R.T.: 5.036 min
Delta R.T.: -0.059 min
Response: 1298062
Conc: 13.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



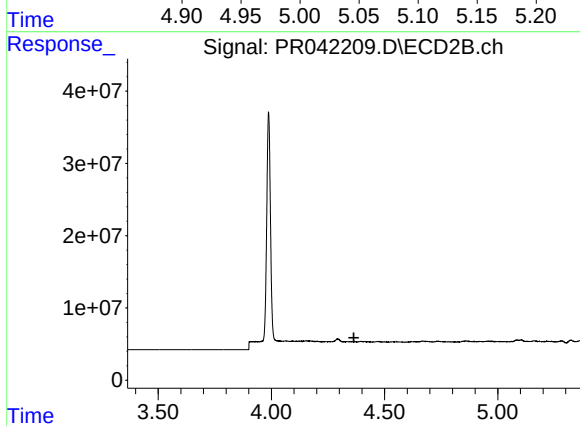
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.363 min
Response: 0
Conc: N.D.



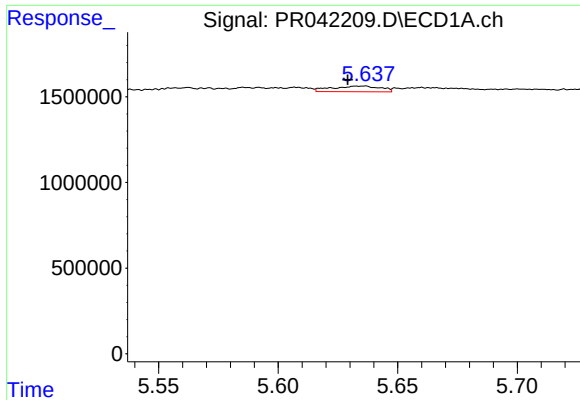
#11 AR-1232-1

R.T.: 5.036 min
Delta R.T.: -0.059 min
Response: 1298062
Conc: 15.51 ng/ml



#11 AR-1232-1

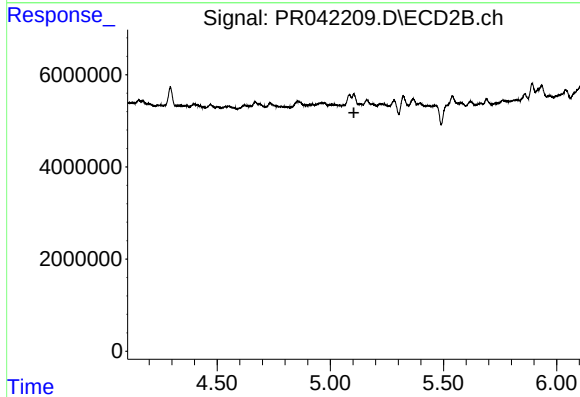
R.T.: 0.000 min
Exp R.T. : 4.364 min
Response: 0
Conc: N.D.



#12 AR-1232-2

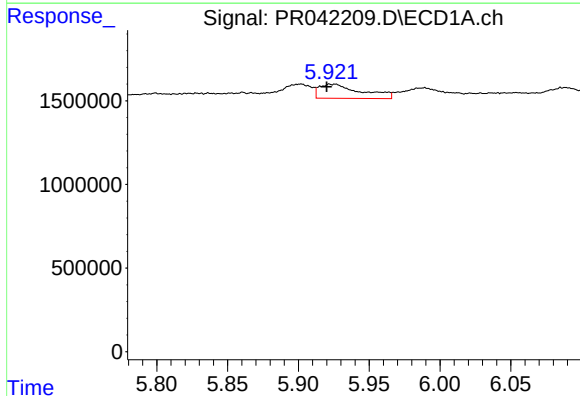
R.T.: 5.634 min
Delta R.T.: 0.005 min
Response: 474880
Conc: 11.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



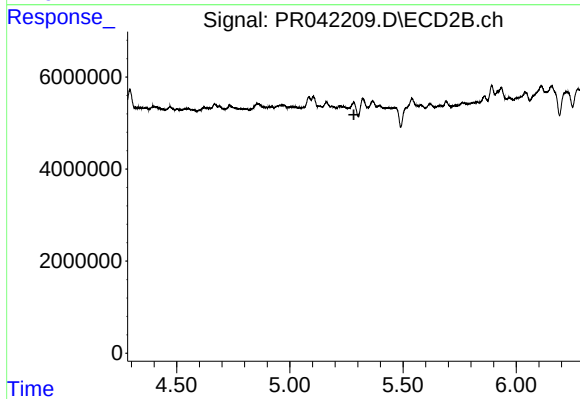
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



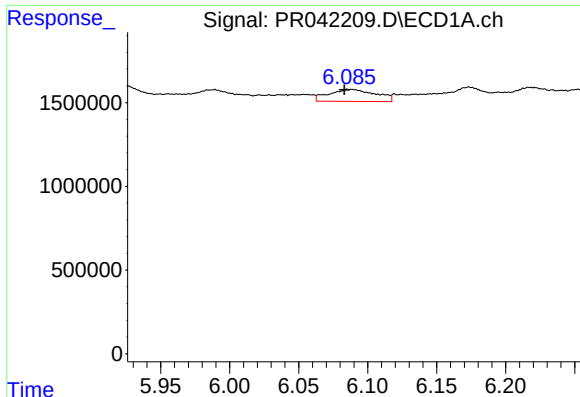
#13 AR-1232-3

R.T.: 5.924 min
Delta R.T.: 0.005 min
Response: 1740750
Conc: 19.36 ng/ml



#13 AR-1232-3

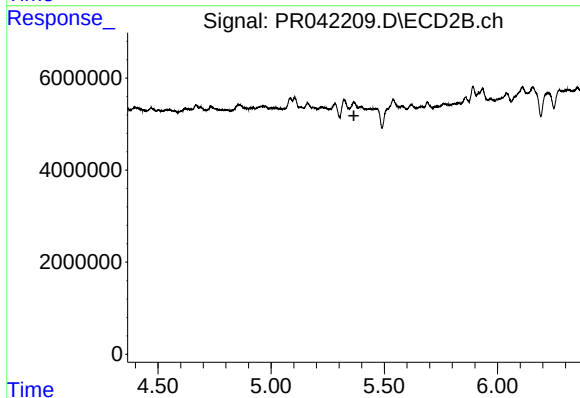
R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



#14 AR-1232-4

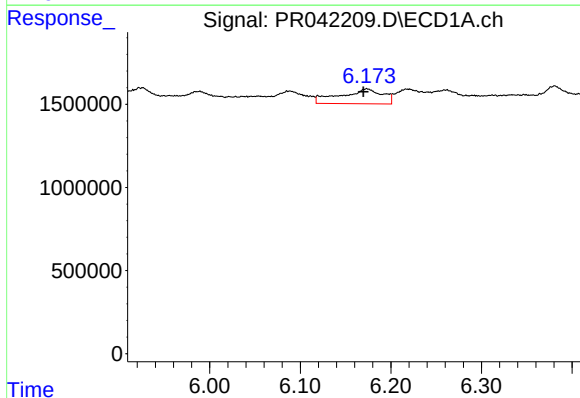
R.T.: 6.088 min
Delta R.T.: 0.005 min
Response: 1705456
Conc: 38.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



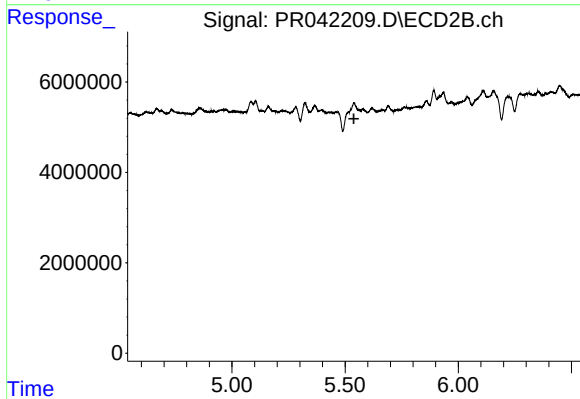
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



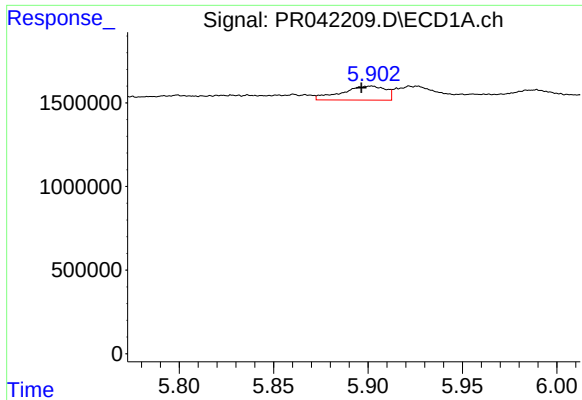
#15 AR-1232-5

R.T.: 6.174 min
Delta R.T.: 0.004 min
Response: 2883321
Conc: 87.77 ng/ml



#15 AR-1232-5

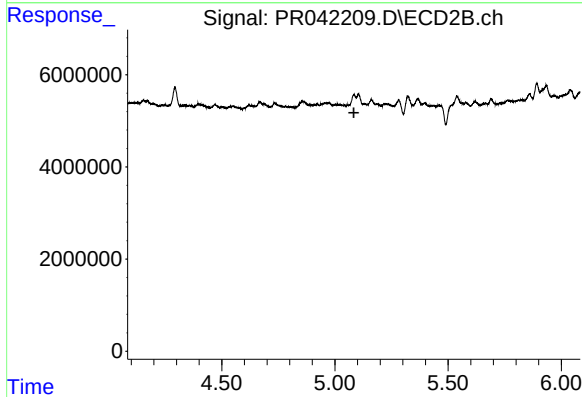
R.T.: 0.000 min
Exp R.T. : 5.539 min
Response: 0
Conc: N.D.



#16 AR-1242-1

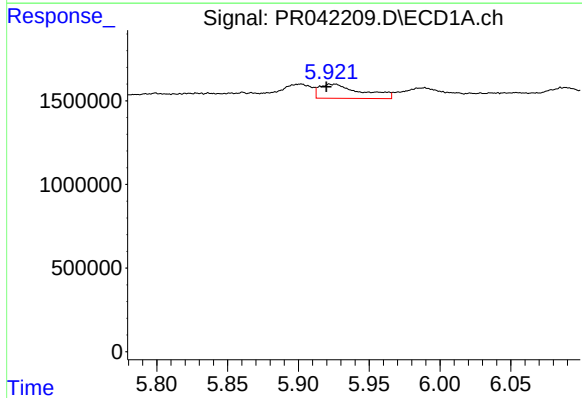
R.T.: 5.901 min
Delta R.T.: 0.004 min
Response: 1361175
Conc: 12.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



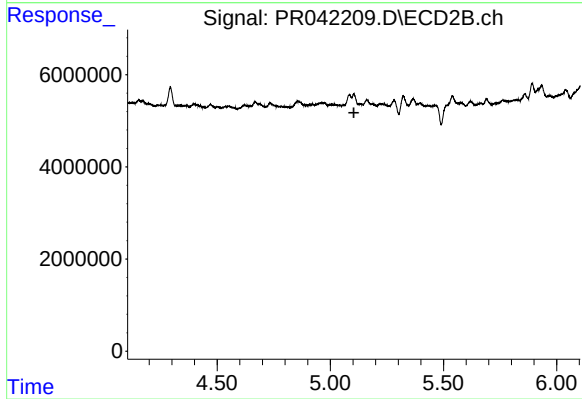
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



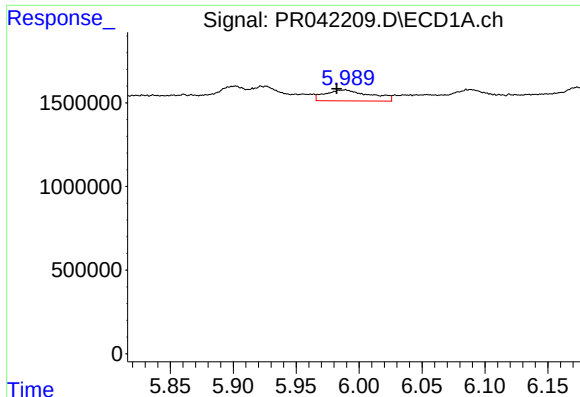
#17 AR-1242-2

R.T.: 5.924 min
Delta R.T.: 0.005 min
Response: 1740750
Conc: 11.21 ng/ml



#17 AR-1242-2

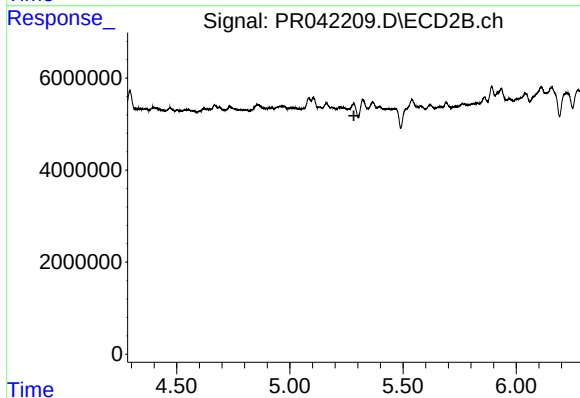
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#18 AR-1242-3

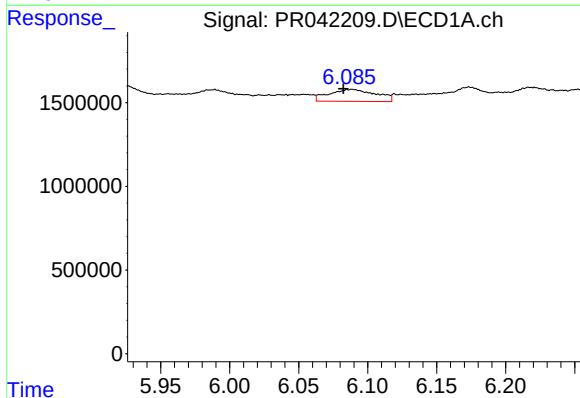
R.T.: 5.988 min
Delta R.T.: 0.006 min
Response: 1632058
Conc: 17.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



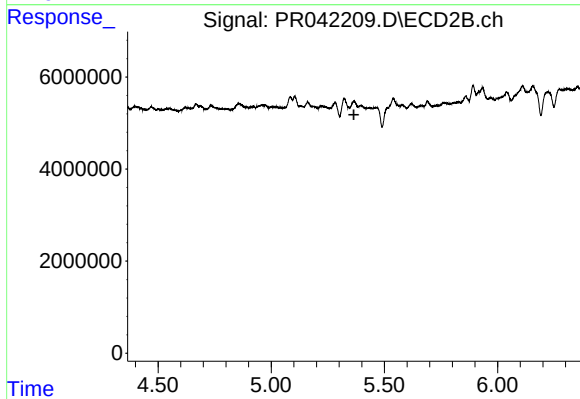
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



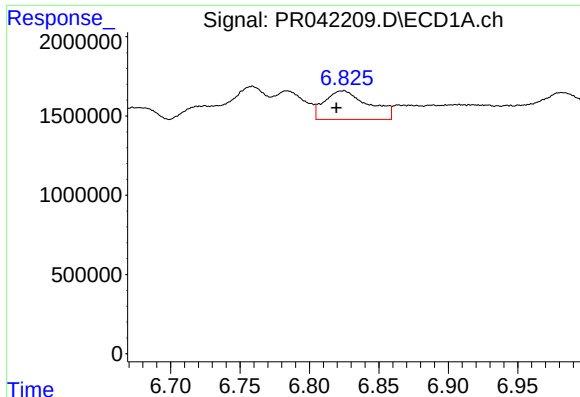
#19 AR-1242-4

R.T.: 6.088 min
Delta R.T.: 0.006 min
Response: 1705456
Conc: 21.95 ng/ml



#19 AR-1242-4

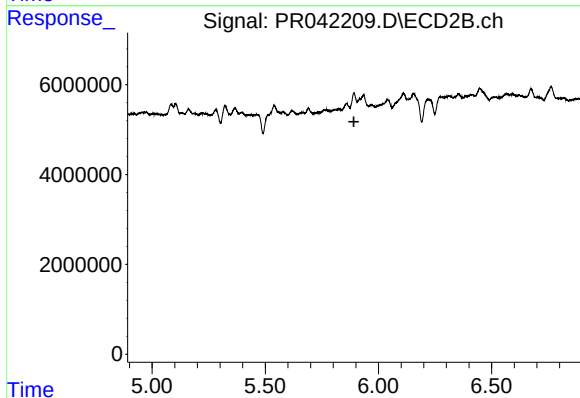
R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



#20 AR-1242-5

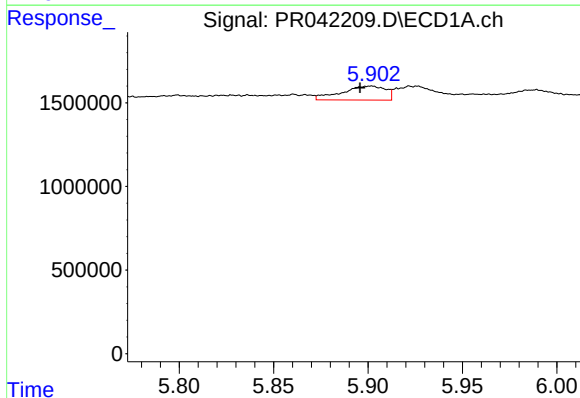
R.T.: 6.824 min
Delta R.T.: 0.005 min
Response: 4014115
Conc: 45.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



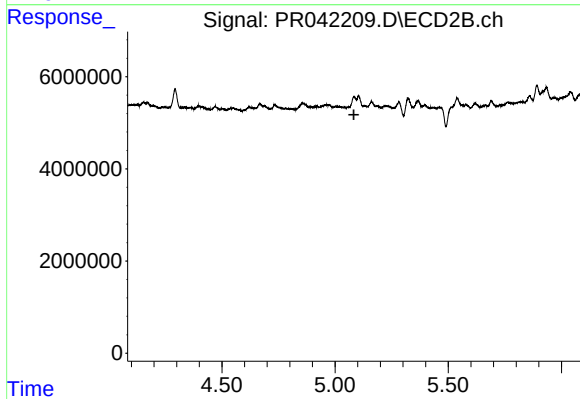
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.892 min
Response: 0
Conc: N.D.



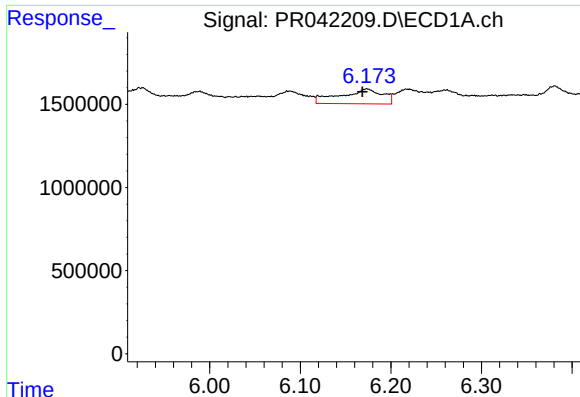
#21 AR-1248-1

R.T.: 5.901 min
Delta R.T.: 0.005 min
Response: 1361175
Conc: 16.36 ng/ml



#21 AR-1248-1

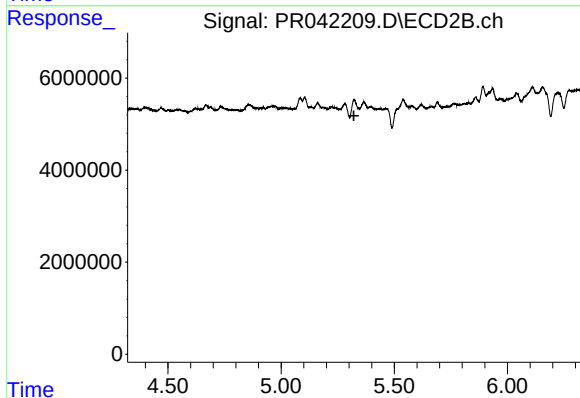
R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.



#22 AR-1248-2

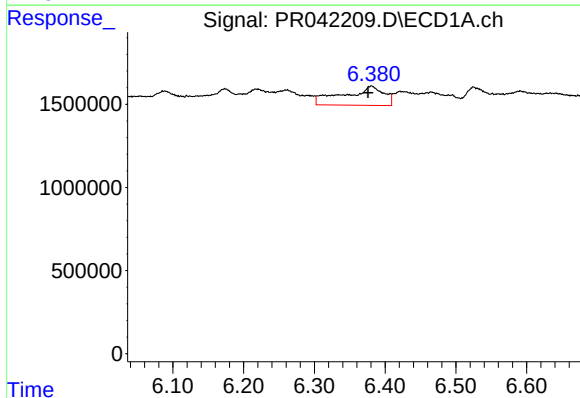
R.T.: 6.174 min
Delta R.T.: 0.005 min
Response: 2883321
Conc: 25.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



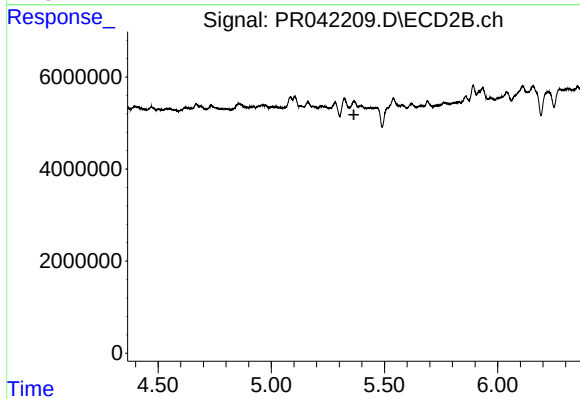
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.321 min
Response: 0
Conc: N.D.



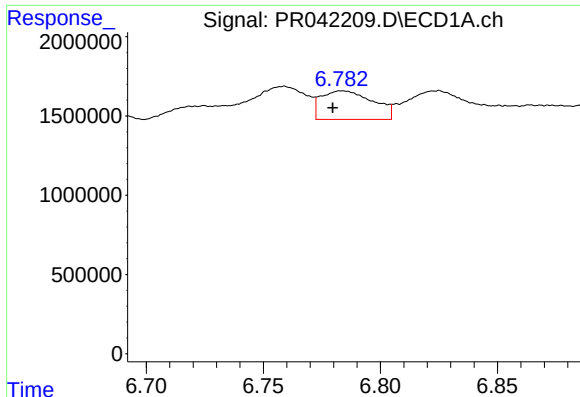
#23 AR-1248-3

R.T.: 6.381 min
Delta R.T.: 0.005 min
Response: 4543864
Conc: 35.05 ng/ml



#23 AR-1248-3

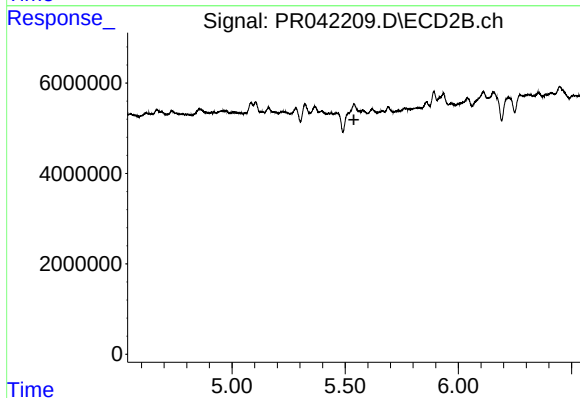
R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



#24 AR-1248-4

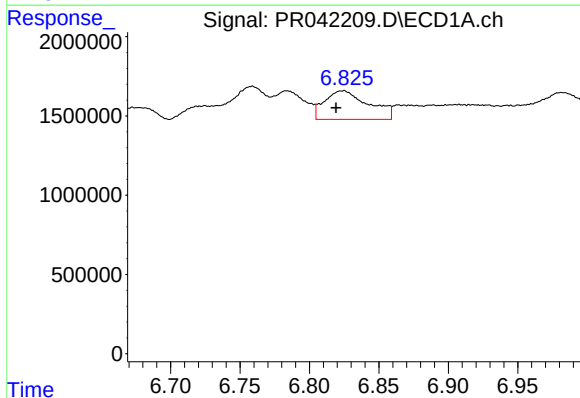
R.T.: 6.784 min
Delta R.T.: 0.004 min
Response: 2792399
Conc: 18.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



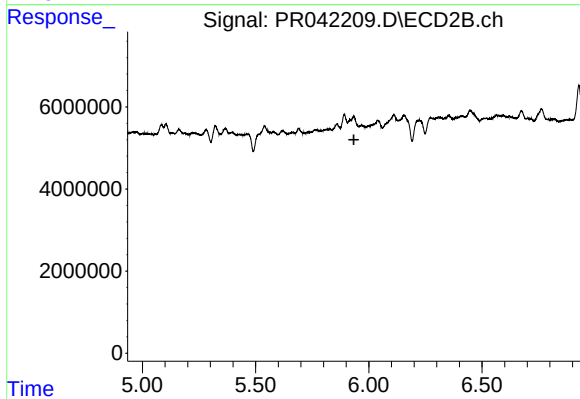
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.538 min
Response: 0
Conc: N.D.



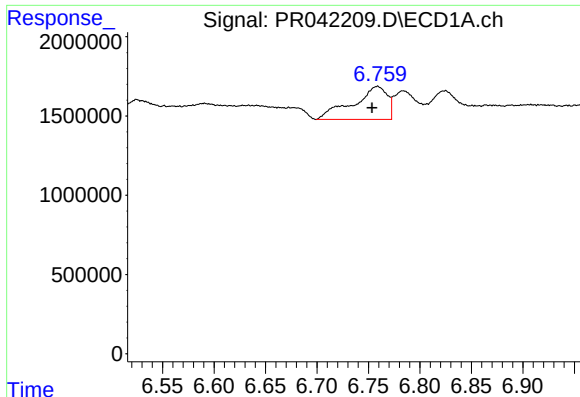
#25 AR-1248-5

R.T.: 6.824 min
Delta R.T.: 0.005 min
Response: 4014115
Conc: 27.72 ng/ml



#25 AR-1248-5

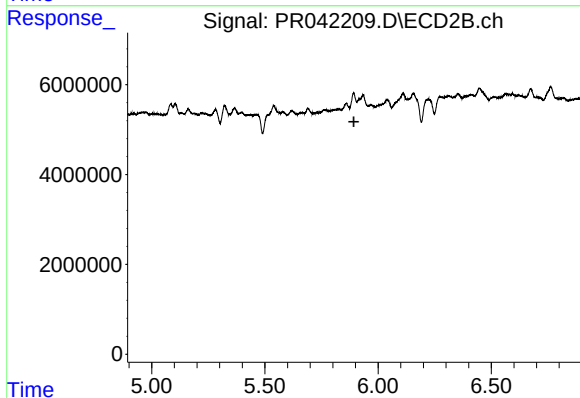
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#26 AR-1254-1

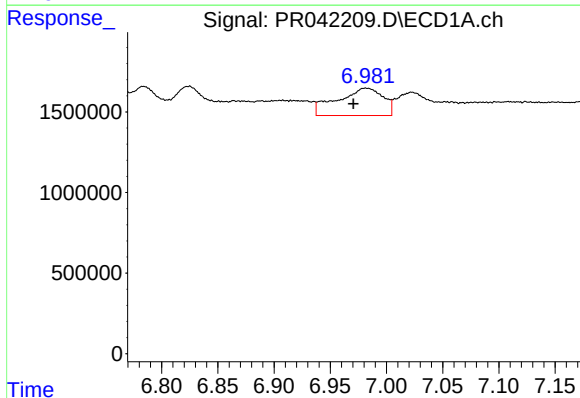
R.T.: 6.759 min
Delta R.T.: 0.005 min
Response: 4835311
Conc: 29.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



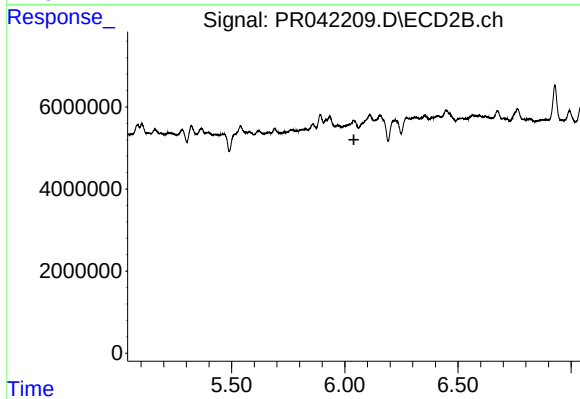
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.893 min
Response: 0
Conc: N.D.



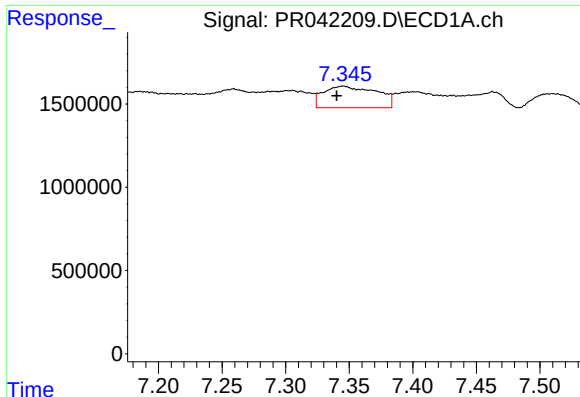
#27 AR-1254-2

R.T.: 6.982 min
Delta R.T.: 0.012 min
Response: 4818328
Conc: 19.42 ng/ml



#27 AR-1254-2

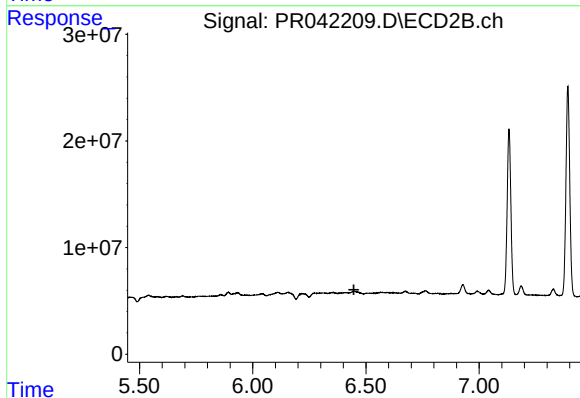
R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



#28 AR-1254-3

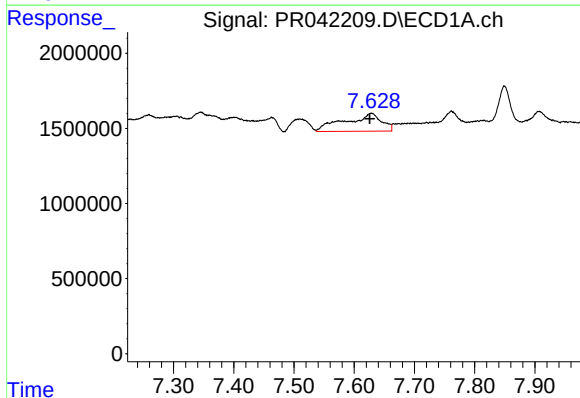
R.T.: 7.345 min
Delta R.T.: 0.005 min
Response: 3756166
Conc: 13.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



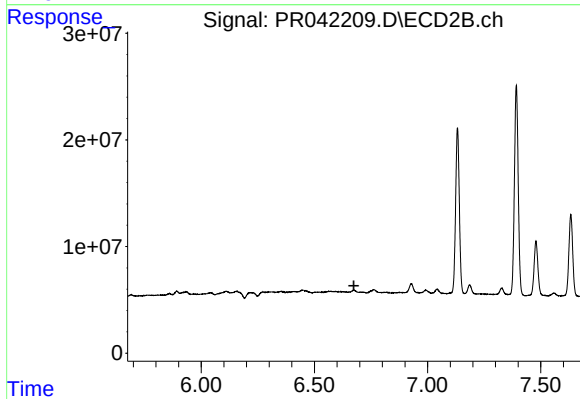
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.447 min
Response: 0
Conc: N.D.



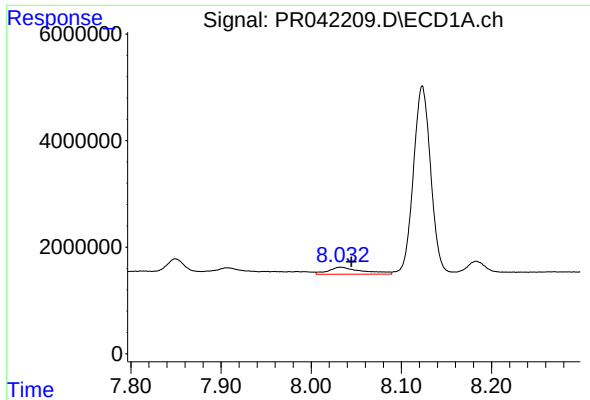
#29 AR-1254-4

R.T.: 7.629 min
Delta R.T.: 0.003 min
Response: 4987027
Conc: 24.57 ng/ml



#29 AR-1254-4

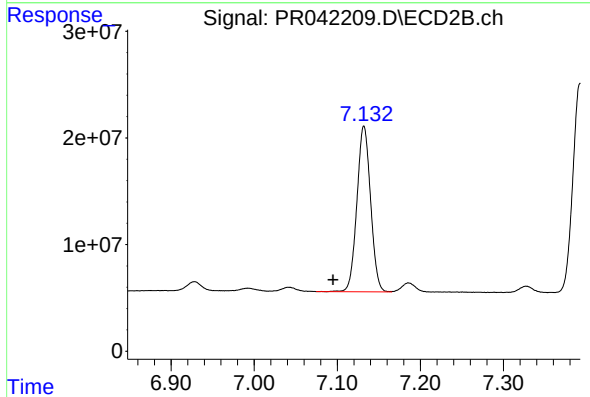
R.T.: 0.000 min
Exp R.T. : 6.675 min
Response: 0
Conc: N.D.



#30 AR-1254-5

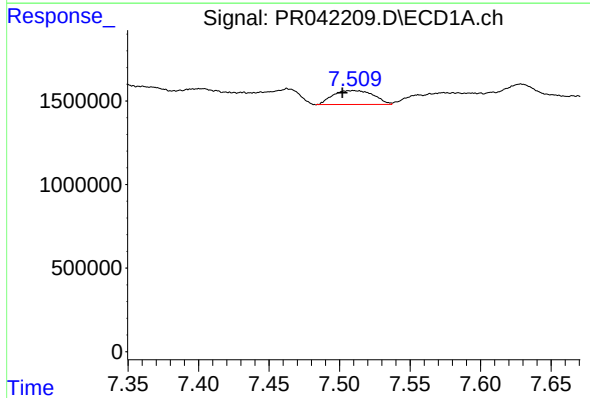
R.T.: 8.033 min
Delta R.T.: -0.012 min
Response: 3435050
Conc: 16.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



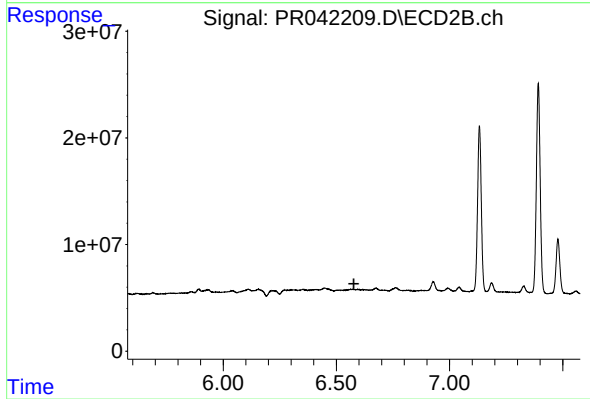
#30 AR-1254-5

R.T.: 7.132 min
Delta R.T.: 0.037 min
Response: 177734046
Conc: 206.99 ng/ml



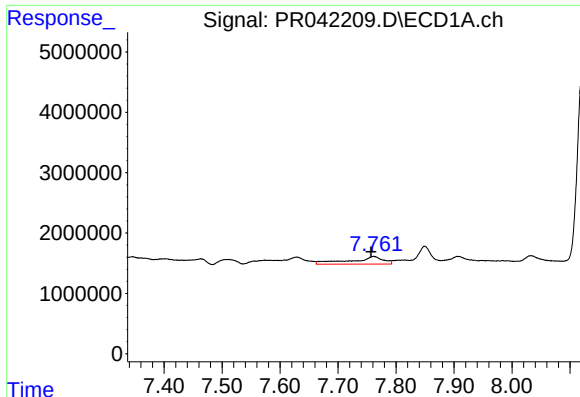
#31 AR-1260-1

R.T.: 7.509 min
Delta R.T.: 0.007 min
Response: 1677437
Conc: 8.85 ng/ml



#31 AR-1260-1

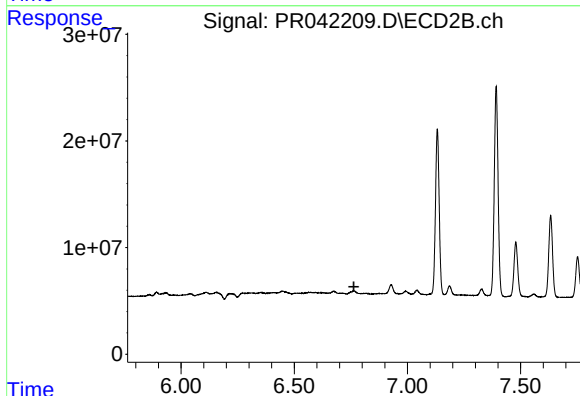
R.T.: 0.000 min
Exp R.T.: 6.577 min
Response: 0
Conc: N.D.



#32 AR-1260-2

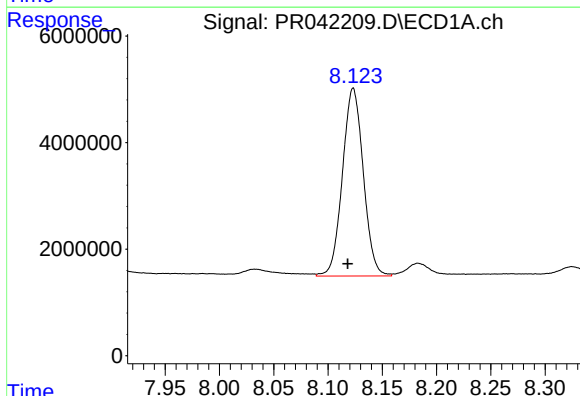
R.T.: 7.762 min
Delta R.T.: 0.005 min
Response: 4958421
Conc: 20.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



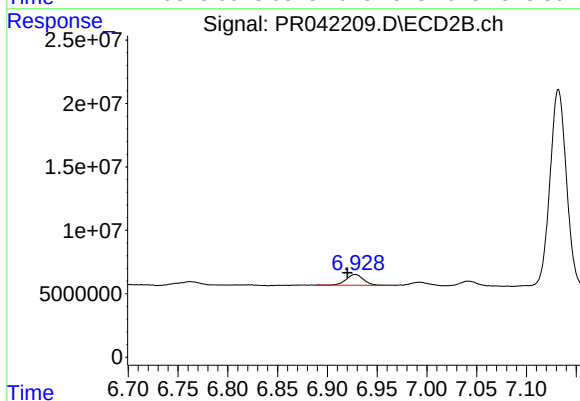
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.764 min
Response: 0
Conc: N.D.



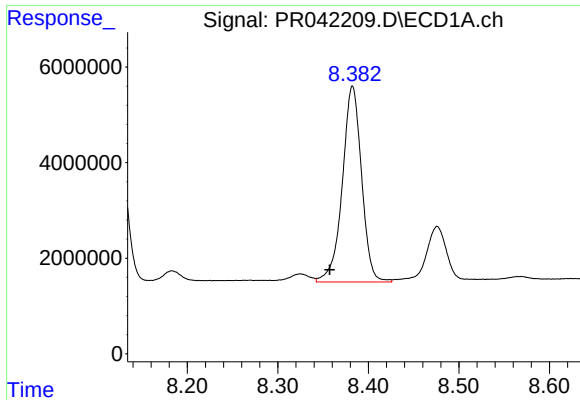
#33 AR-1260-3

R.T.: 8.123 min
Delta R.T.: 0.005 min
Response: 47191208
Conc: 251.38 ng/ml



#33 AR-1260-3

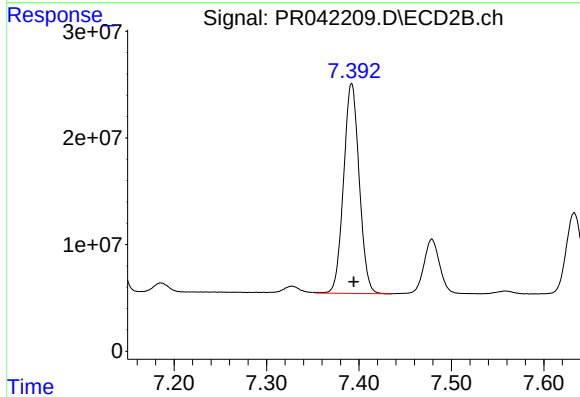
R.T.: 6.928 min
Delta R.T.: 0.008 min
Response: 10366815
Conc: 15.00 ng/ml



#34 AR-1260-4

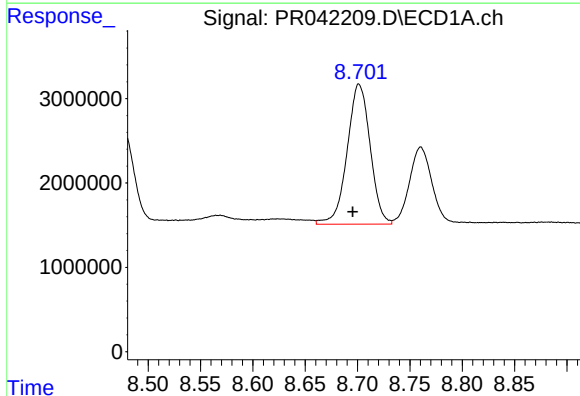
R.T.: 8.383 min
Delta R.T.: 0.025 min
Response: 60582656
Conc: 301.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



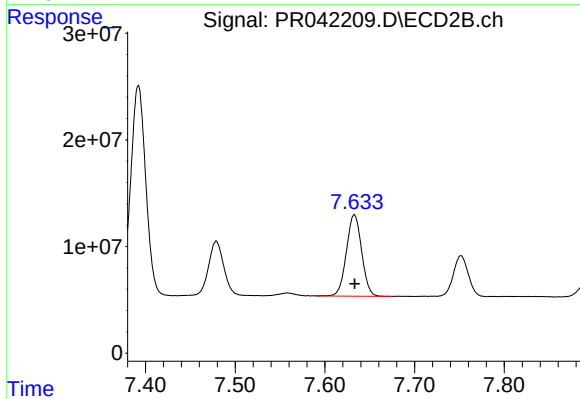
#34 AR-1260-4

R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 231376717
Conc: 398.72 ng/ml



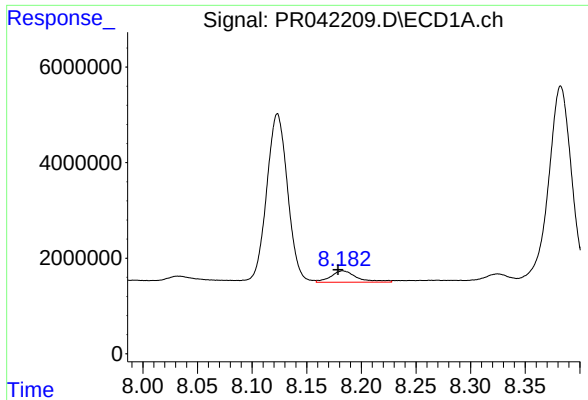
#35 AR-1260-5

R.T.: 8.702 min
Delta R.T.: 0.006 min
Response: 25428846
Conc: 58.74 ng/ml



#35 AR-1260-5

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 90513291
Conc: 55.67 ng/ml



#36 AR-1262-1

R.T.: 8.183 min

Delta R.T.: 0.004 min

Response: 4025308

Conc: 42.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380

#36 AR-1262-1

R.T.: 7.132 min

Delta R.T.: 0.039 min

Response: 177734046

Conc: 407.85 ng/ml

#37 AR-1262-2

R.T.: 8.702 min

Delta R.T.: 0.006 min

Response: 25428846

Conc: 58.95 ng/ml

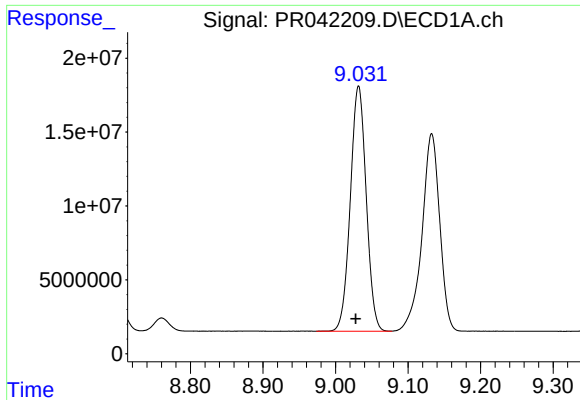
#37 AR-1262-2

R.T.: 7.633 min

Delta R.T.: 0.000 min

Response: 90513291

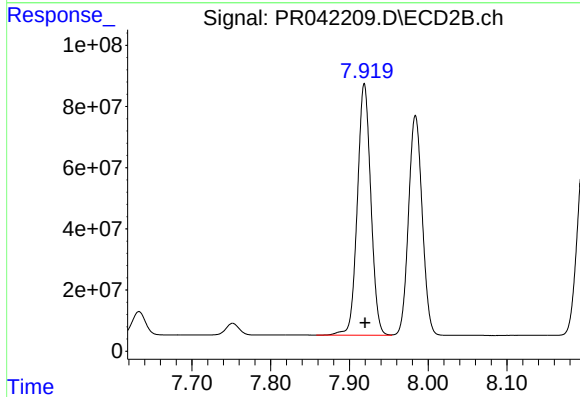
Conc: 52.58 ng/ml



#38 AR-1262-3

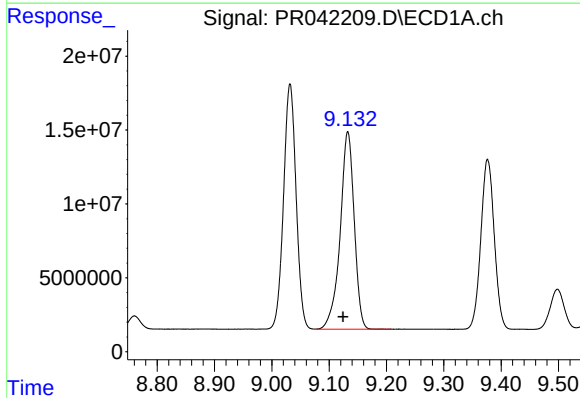
R.T.: 9.032 min
Delta R.T.: 0.004 min
Response: 252806056
Conc: 906.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



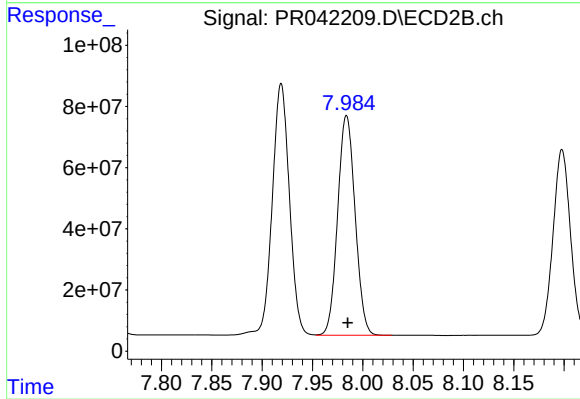
#38 AR-1262-3

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 975518168
Conc: 1494.53 ng/ml



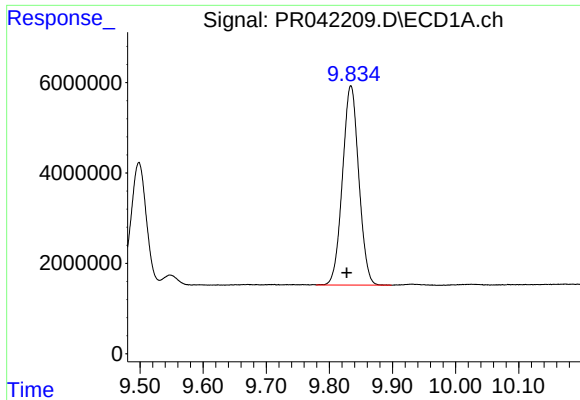
#39 AR-1262-4

R.T.: 9.133 min
Delta R.T.: 0.008 min
Response: 227691957
Conc: 1111.40 ng/ml



#39 AR-1262-4

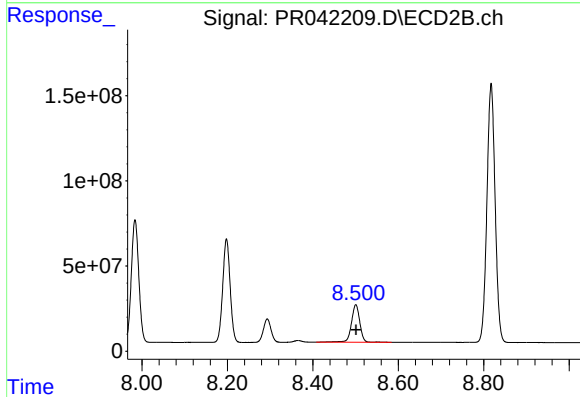
R.T.: 7.984 min
Delta R.T.: -0.001 min
Response: 866154028
Conc: 741.21 ng/ml



#40 AR-1262-5

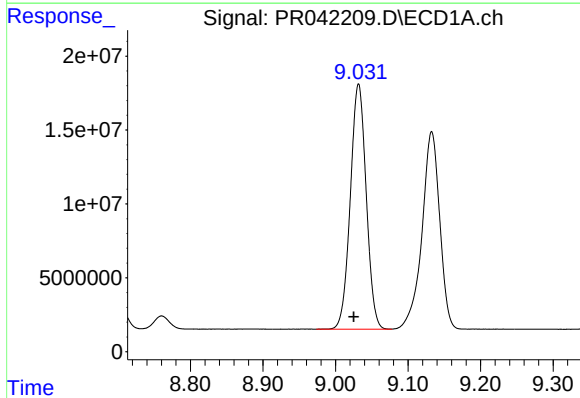
R.T.: 9.834 min
Delta R.T.: 0.006 min
Response: 79194949
Conc: 549.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



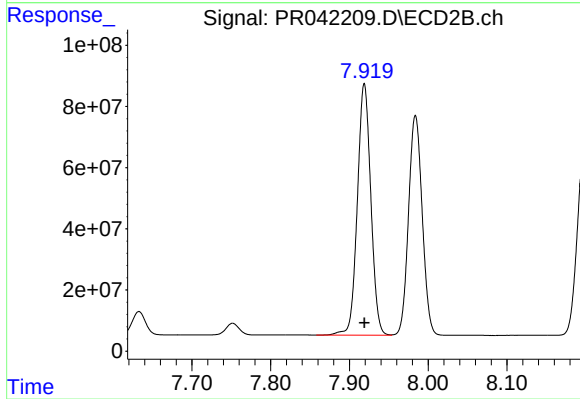
#40 AR-1262-5

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 301595698
Conc: 563.83 ng/ml



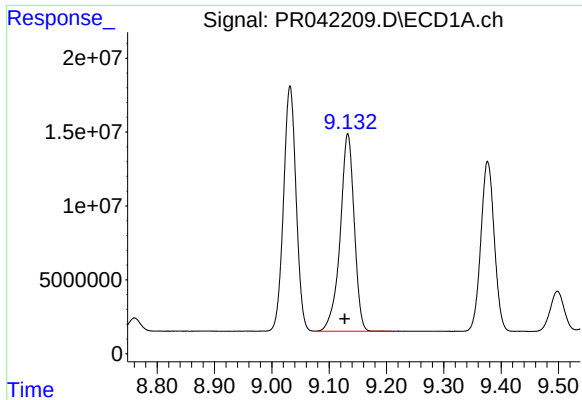
#41 AR-1268-1

R.T.: 9.032 min
Delta R.T.: 0.007 min
Response: 252806056
Conc: 460.28 ng/ml



#41 AR-1268-1

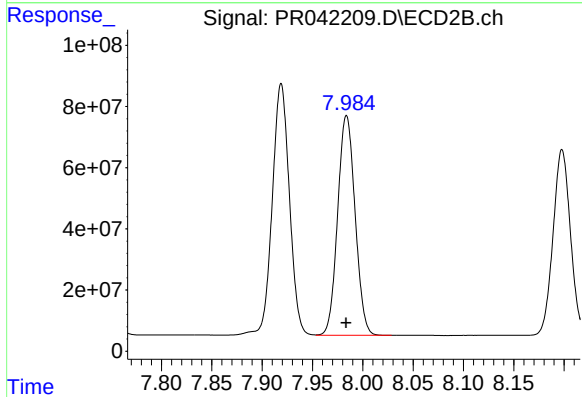
R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 975518168
Conc: 444.91 ng/ml



#42 AR-1268-2

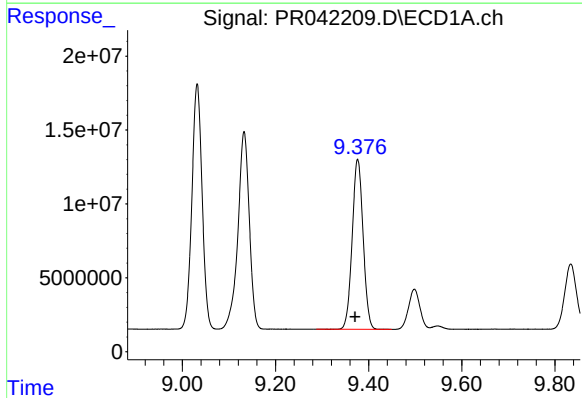
R.T.: 9.133 min
Delta R.T.: 0.006 min
Response: 227691957
Conc: 457.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



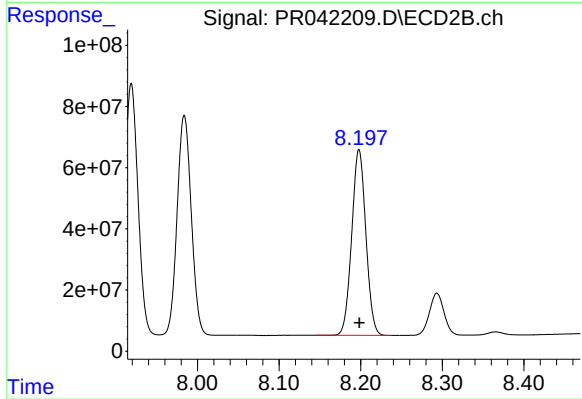
#42 AR-1268-2

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 866154028
Conc: 435.29 ng/ml



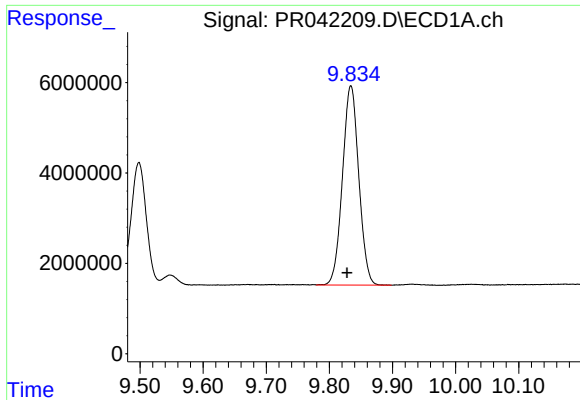
#43 AR-1268-3

R.T.: 9.377 min
Delta R.T.: 0.006 min
Response: 187099752
Conc: 458.71 ng/ml



#43 AR-1268-3

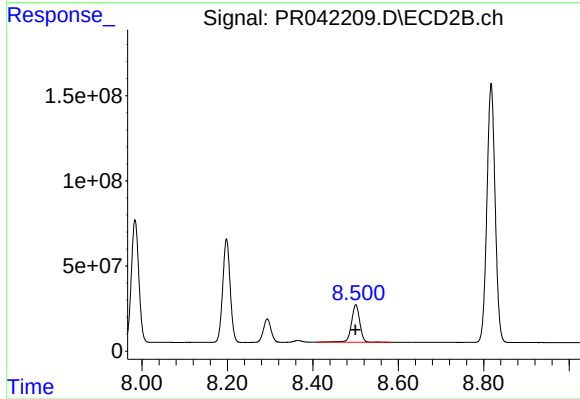
R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 730222618
Conc: 435.73 ng/ml



#44 AR-1268-4

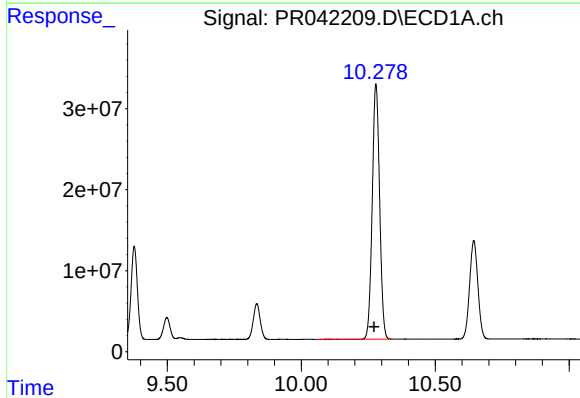
R.T.: 9.834 min
Delta R.T.: 0.006 min
Response: 79194949
Conc: 451.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268380



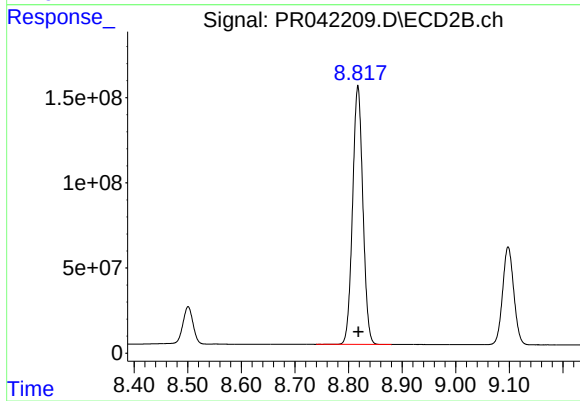
#44 AR-1268-4

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 301595698
Conc: 467.34 ng/ml



#45 AR-1268-5

R.T.: 10.279 min
Delta R.T.: 0.007 min
Response: 603044567
Conc: 462.78 ng/ml



#45 AR-1268-5

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 2025292176
Conc: 441.34 ng/ml