

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011821\
 Data File : PR049365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2021 16:43
 Operator : AJ\MA
 Sample : M1112-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 06:10:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 19 06:04:35 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.668	3.839f	14726065	317.5E6	5.522	104.001 #
2)	SA Decachlor...	10.551	8.909	207.1E6	725.4E6	78.597	83.317
Target Compounds							
3)	L1 AR-1016-1	5.838	0.000	7115214	0	69.610	N.D. #
4)	L1 AR-1016-2	5.869	0.000	4692859	0	32.679	N.D. #
5)	L1 AR-1016-3	5.916	5.124	1732093	26928475	19.973	339.991 #
6)	L1 AR-1016-4	6.026	5.172	18009225	3872628	248.215	118.134 #
7)	L1 AR-1016-5	6.321	5.366f	3230326	2351906	47.005	43.224
8)	L2 AR-1221-1	4.885	0.000	1561.0E6	0	48150.498	N.D. #
9)	L2 AR-1221-2	4.939f	4.136	65247454	4898.1E6	2711.291	177873.916 #
10)	L2 AR-1221-3	5.068f	0.000	693.1E6	0	9428.981	N.D. #
11)	L3 AR-1232-1	5.068f	0.000	693.1E6	0	11800.547	N.D. #
12)	L3 AR-1232-2	5.563	0.000	1064187	0	34.278	N.D. #
13)	L3 AR-1232-3	5.869	5.124	4692859	26928475	75.012	849.767 #
14)	L3 AR-1232-4	6.026	5.208	18009225	343.5E6	571.273	21607.624 #
15)	L3 AR-1232-5	6.102	5.366f	128.6E6	2351906	5277.389	117.376 #
16)	L4 AR-1242-1	5.838	0.000	7115214	0	90.201	N.D. #
17)	L4 AR-1242-2	5.869	0.000	4692859	0	43.353	N.D. #
18)	L4 AR-1242-3	5.916	5.124	1732093	26928475	25.768	437.771 #
19)	L4 AR-1242-4	6.026	5.208	18009225	343.5E6	322.557	9719.867 #
20)	L4 AR-1242-5	6.788f	5.738	33935201	31937708	565.503	511.340
21)	L5 AR-1248-1	5.838	0.000	7115214	0	118.522	N.D. #
22)	L5 AR-1248-2	6.102	5.172	128.6E6	3872628	1577.849	89.626 #
23)	L5 AR-1248-3	6.321	5.208	3230326	343.5E6	36.475	6618.396 #
24)	L5 AR-1248-4	6.725	5.366f	12673572	2351906	119.395	34.048 #
25)	L5 AR-1248-5	6.788f	5.779	33935201	6613529	333.620	63.064 #
26)	L6 AR-1254-1	6.699	5.738	29131284	31937708	273.305	290.996
27)	L6 AR-1254-2	6.916	5.886	67014487	48863846	414.034	412.772
28)	L6 AR-1254-3	7.286	6.291	74538837	106.5E6	459.831	462.057
29)	L6 AR-1254-4	7.571	6.520	69292167	192.8E6	527.273	515.059
30)	L6 AR-1254-5	7.991	6.938	121.2E6	268.2E6	909.114	610.339 #
31)	L7 AR-1260-1	7.448	6.420	40064855	58469771	327.621	464.625 #
32)	L7 AR-1260-2	7.703	6.609	56735282	182.6E6	373.833	355.793
33)	L7 AR-1260-3	8.064	6.763	75661042	86523249	638.985	295.840 #
34)	L7 AR-1260-4	8.319f	7.234	169.0E6	683.4E6	1339.308	1941.120 #
35)	L7 AR-1260-5	8.635	7.479	39312273	232.8E6	150.941	175.239
36)	L8 AR-1262-1	8.064	6.938	75661042	268.2E6	441.027	1105.890 #
37)	L8 AR-1262-2	8.635	7.479	39312273	232.8E6	133.168	149.438
38)	L8 AR-1262-3	8.961	7.766	539.8E6	2682.4E6	2644.465	4470.604 #
39)	L8 AR-1262-4	9.061	7.830	370.9E6	1334.6E6	2317.193	1331.653 #
40)	L8 AR-1262-5	9.754	8.338	94672255	384.7E6	820.097	867.531
41)	L9 AR-1268-1	8.961	7.766	539.8E6	2682.4E6	1472.318	1478.637

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 Sample : M1112-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

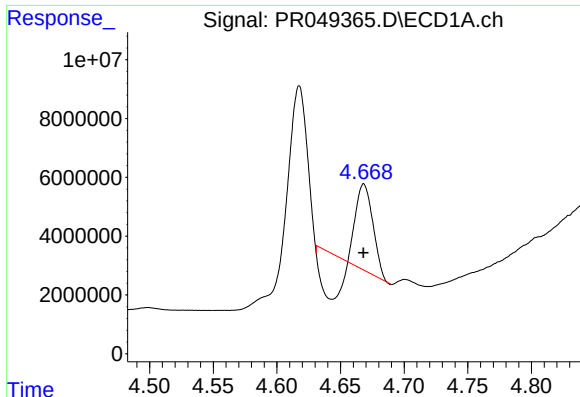
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 06:10:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011821.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.061	7.830	370.9E6	1334.6E6	1075.168	879.531
43) L9	AR-1268-3	9.301	8.039	442.9E6	2128.9E6	1475.491	1582.833
44) L9	AR-1268-4	9.754	8.338	94672255	384.7E6	722.312	761.998
45) L9	AR-1268-5	10.192	8.644	1323.0E6	5297.8E6	1325.753	1334.921

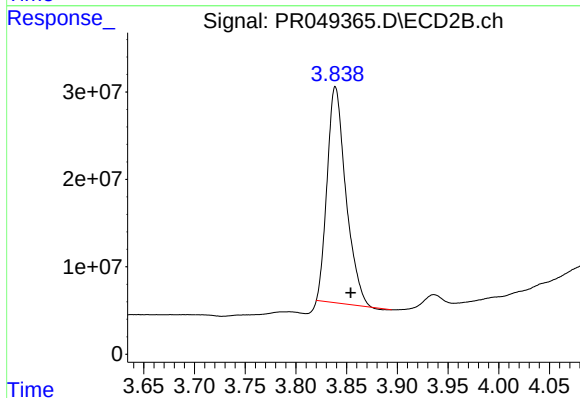
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

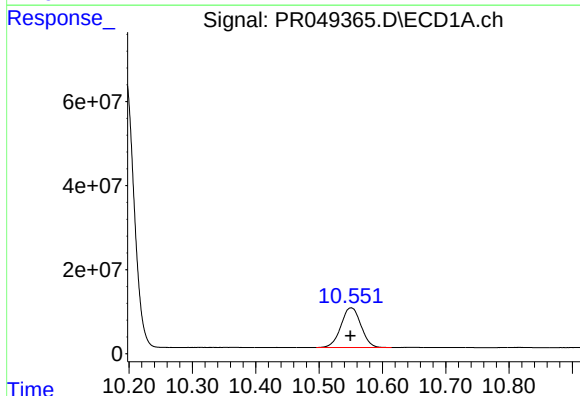
R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 14726065
Conc: 5.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



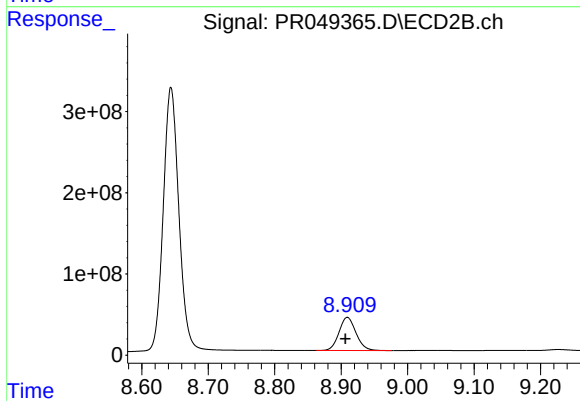
#1 Tetrachloro-m-xylene

R.T.: 3.839 min
Delta R.T.: -0.015 min
Response: 317513002
Conc: 104.00 ng/ml



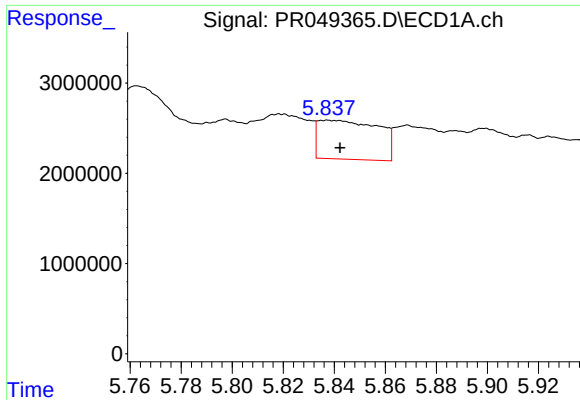
#2 Decachlorobiphenyl

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 207099964
Conc: 78.60 ng/ml



#2 Decachlorobiphenyl

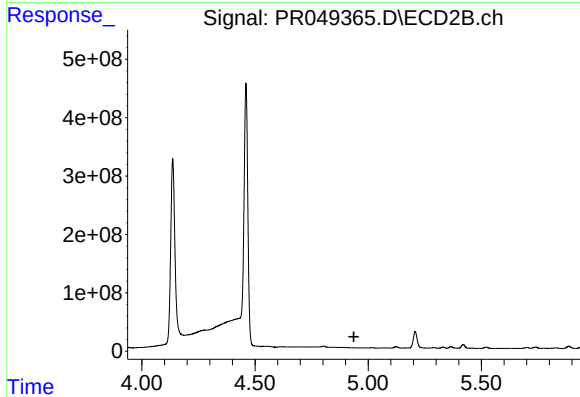
R.T.: 8.909 min
Delta R.T.: 0.003 min
Response: 725378343
Conc: 83.32 ng/ml



#3 AR-1016-1

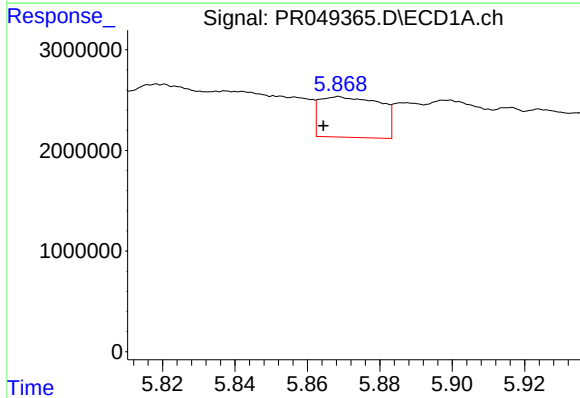
R.T.: 5.838 min
Delta R.T.: -0.005 min
Response: 7115214
Conc: 69.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



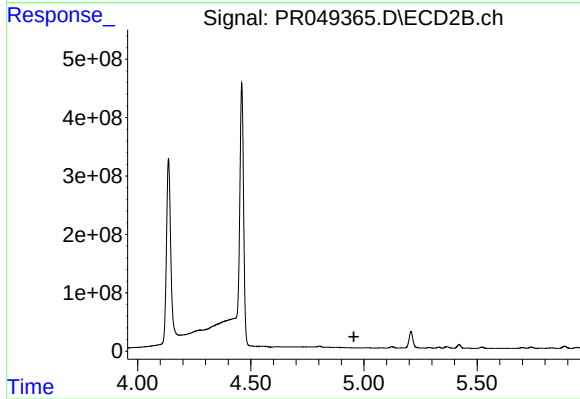
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



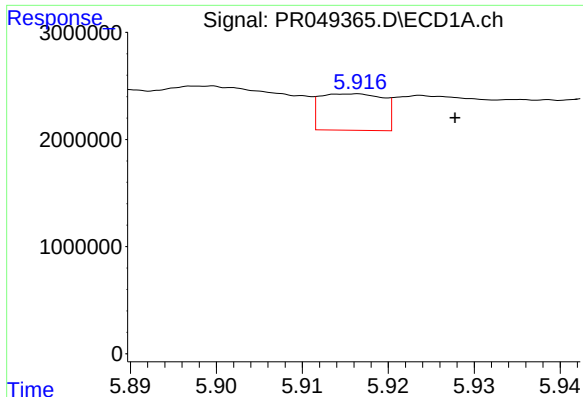
#4 AR-1016-2

R.T.: 5.869 min
Delta R.T.: 0.004 min
Response: 4692859
Conc: 32.68 ng/ml



#4 AR-1016-2

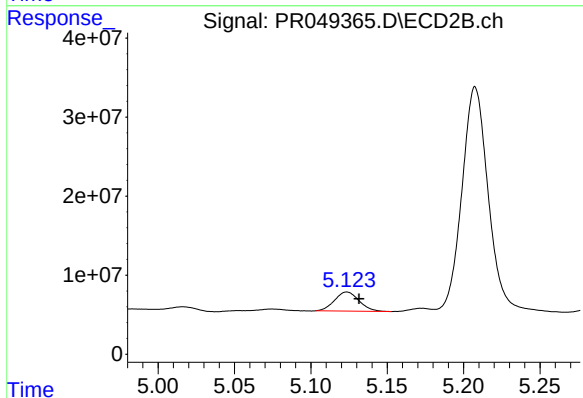
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#5 AR-1016-3

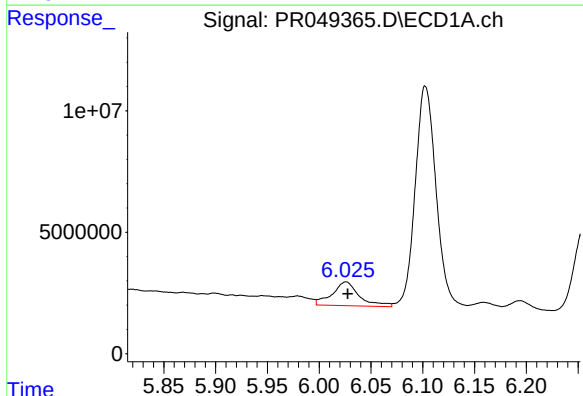
R.T.: 5.916 min
Delta R.T.: -0.011 min
Response: 1732093
Conc: 19.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



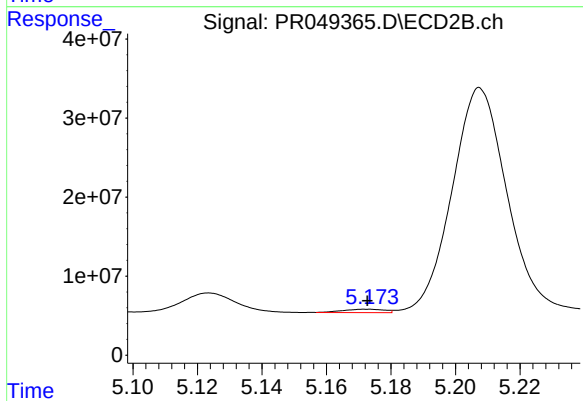
#5 AR-1016-3

R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 26928475
Conc: 339.99 ng/ml



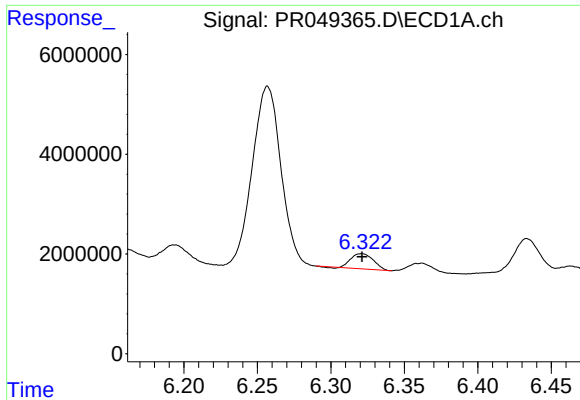
#6 AR-1016-4

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 18009225
Conc: 248.22 ng/ml



#6 AR-1016-4

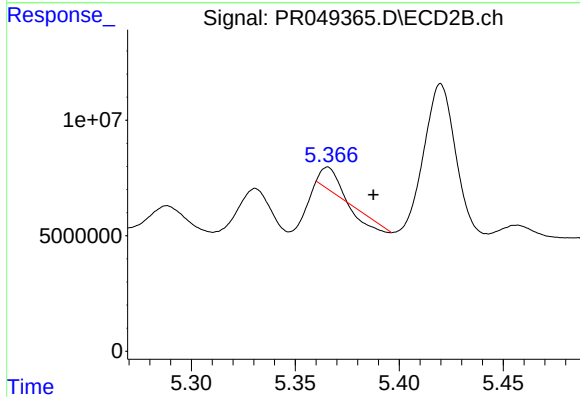
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 3872628
Conc: 118.13 ng/ml



#7 AR-1016-5

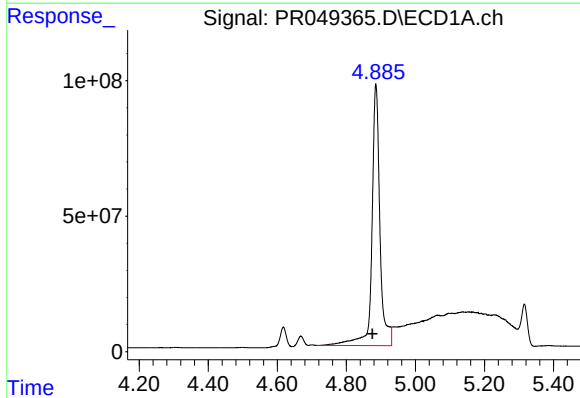
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 3230326
Conc: 47.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



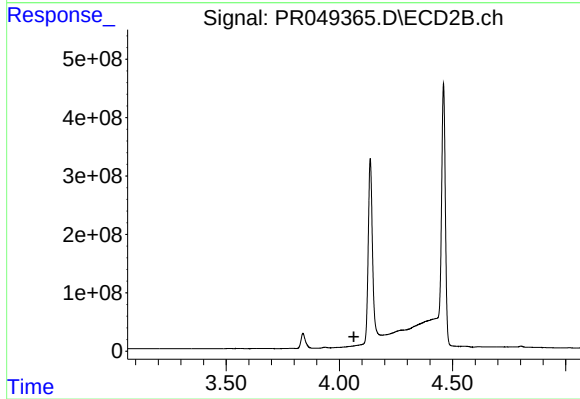
#7 AR-1016-5

R.T.: 5.366 min
Delta R.T.: -0.022 min
Response: 2351906
Conc: 43.22 ng/ml



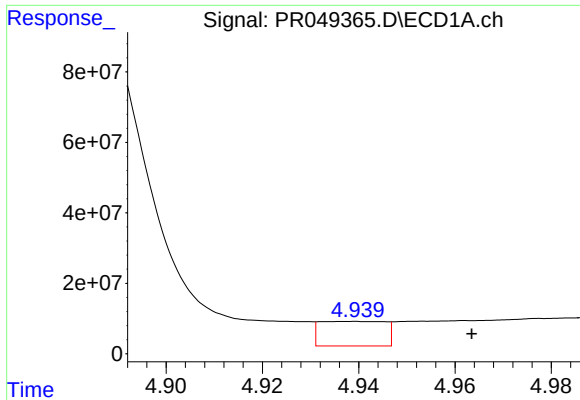
#8 AR-1221-1

R.T.: 4.885 min
Delta R.T.: 0.010 min
Response: 1561018701
Conc: 48150.50 ng/ml



#8 AR-1221-1

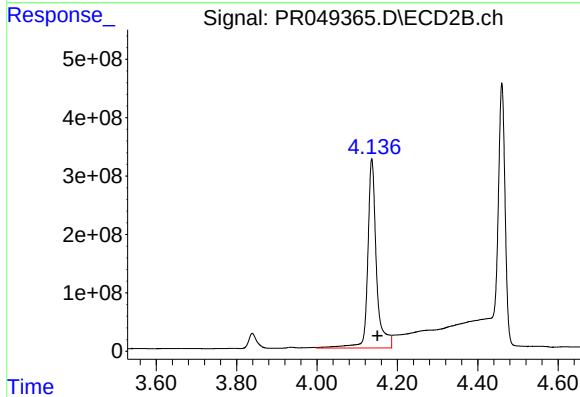
R.T.: 0.000 min
Exp R.T.: 4.064 min
Response: 0
Conc: N.D.



#9 AR-1221-2

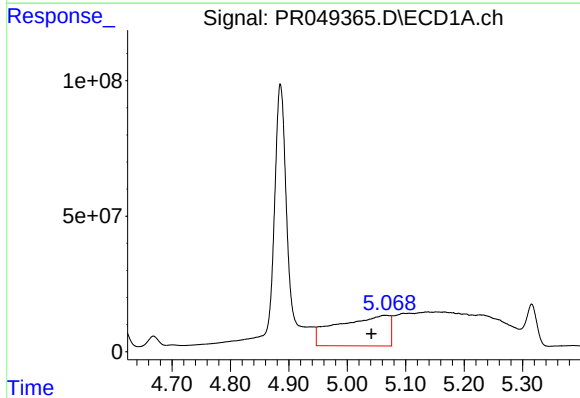
R.T.: 4.939 min
Delta R.T.: -0.024 min
Response: 65247454
Conc: 2711.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



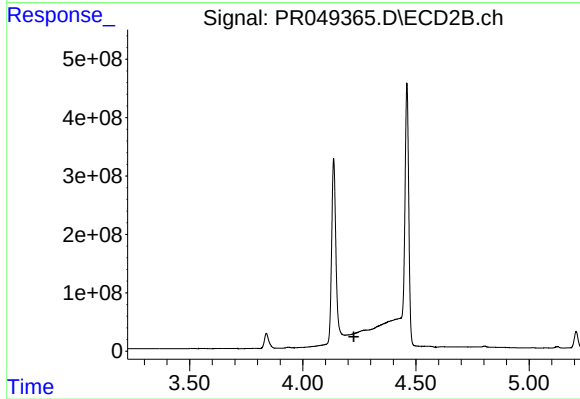
#9 AR-1221-2

R.T.: 4.136 min
Delta R.T.: -0.013 min
Response: 4898054931
Conc: 177873.92 ng/ml



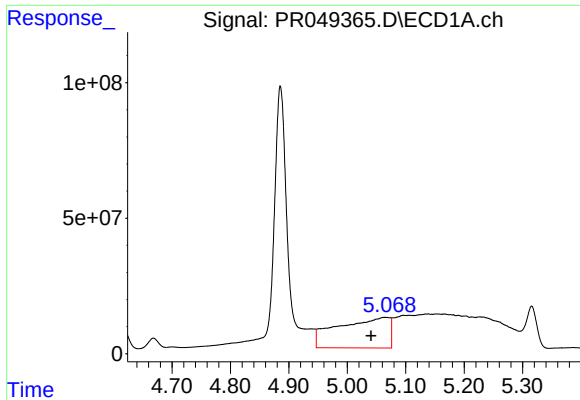
#10 AR-1221-3

R.T.: 5.068 min
Delta R.T.: 0.027 min
Response: 693139399
Conc: 9428.98 ng/ml



#10 AR-1221-3

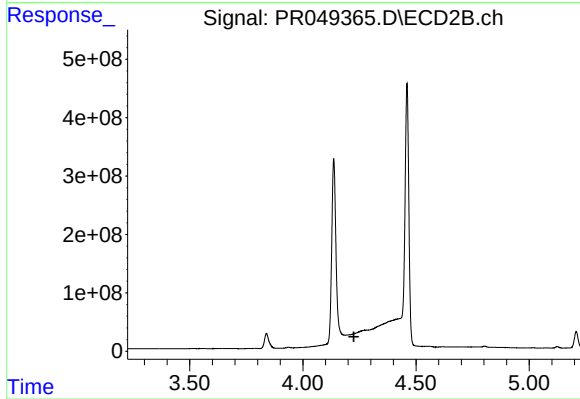
R.T.: 0.000 min
Exp R.T.: 4.226 min
Response: 0
Conc: N.D.



#11 AR-1232-1

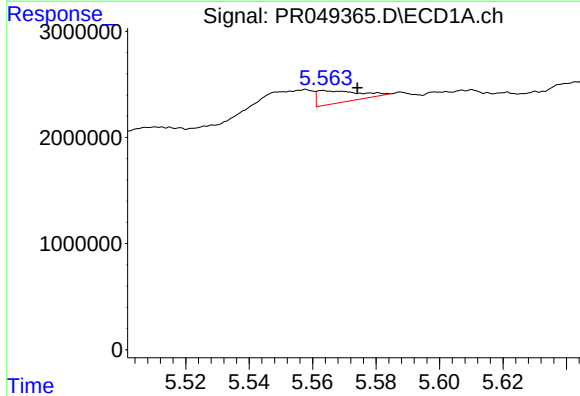
R.T.: 5.068 min
Delta R.T.: 0.027 min
Response: 693139399
Conc: 11800.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



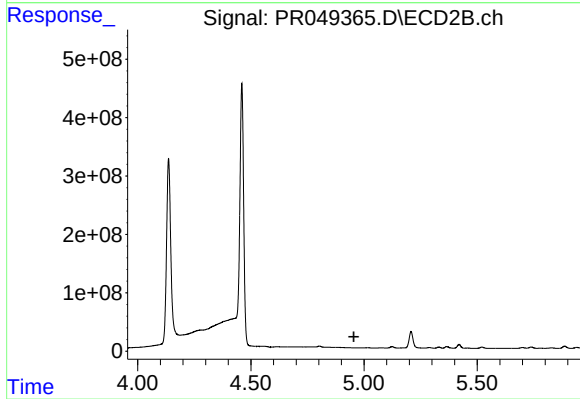
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.225 min
Response: 0
Conc: N.D.



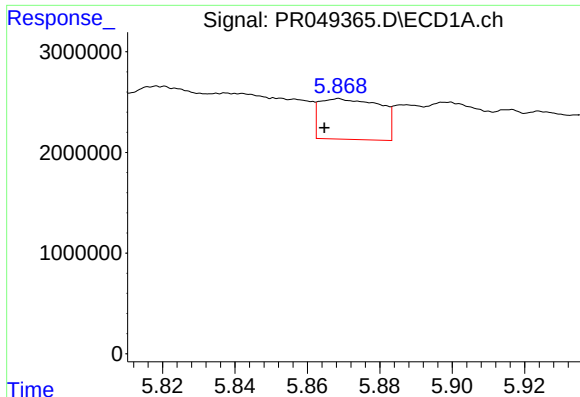
#12 AR-1232-2

R.T.: 5.563 min
Delta R.T.: -0.011 min
Response: 1064187
Conc: 34.28 ng/ml



#12 AR-1232-2

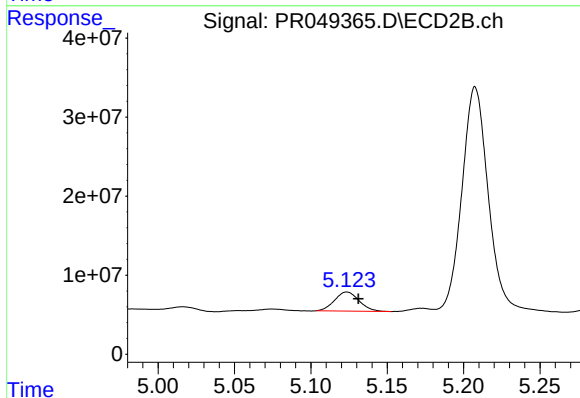
R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



#13 AR-1232-3

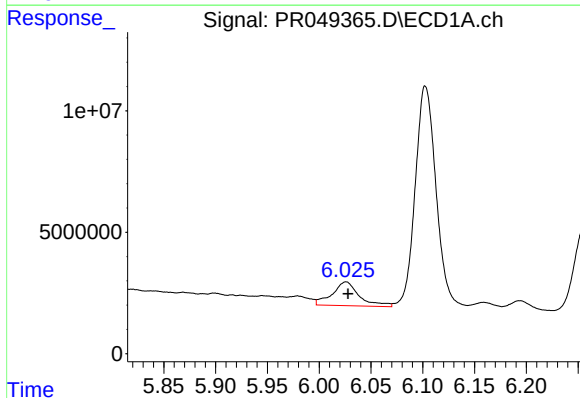
R.T.: 5.869 min
Delta R.T.: 0.004 min
Response: 4692859
Conc: 75.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



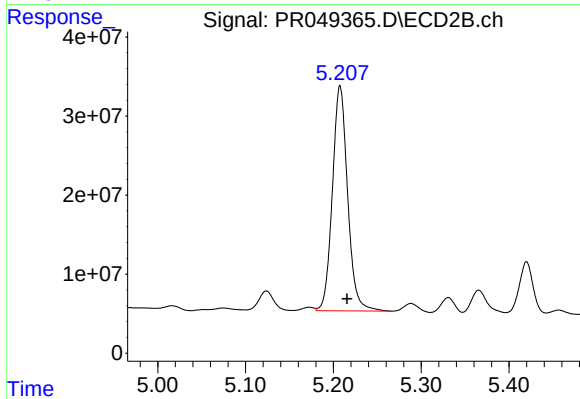
#13 AR-1232-3

R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 26928475
Conc: 849.77 ng/ml



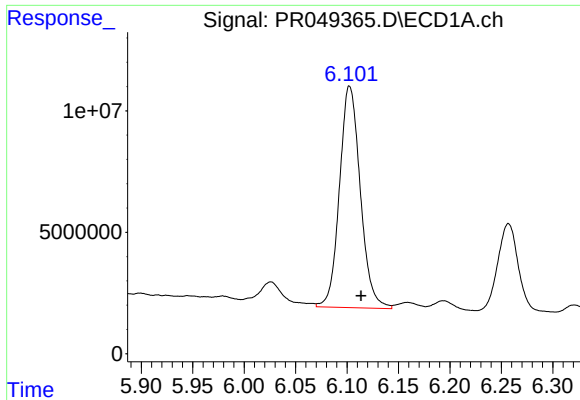
#14 AR-1232-4

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 18009225
Conc: 571.27 ng/ml



#14 AR-1232-4

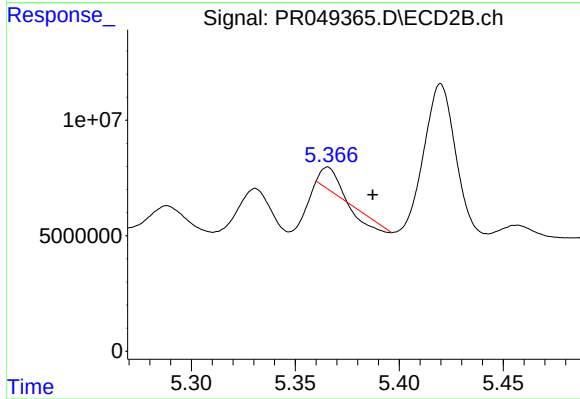
R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 343464800
Conc: 21607.62 ng/ml



#15 AR-1232-5

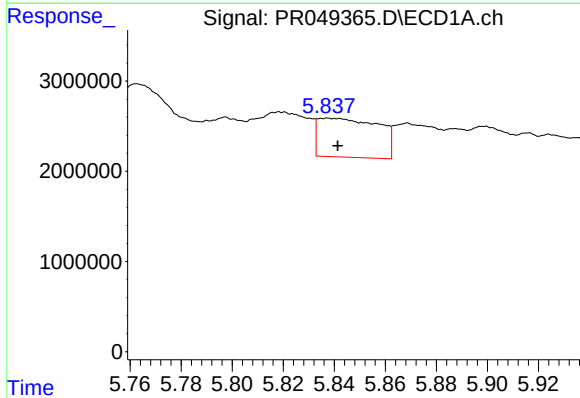
R.T.: 6.102 min
Delta R.T.: -0.011 min
Response: 128634661
Conc: 5277.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



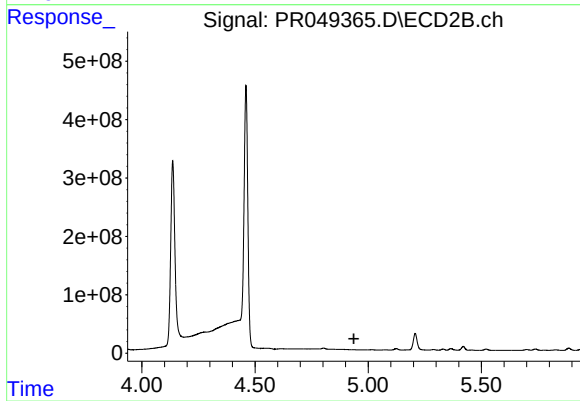
#15 AR-1232-5

R.T.: 5.366 min
Delta R.T.: -0.022 min
Response: 2351906
Conc: 117.38 ng/ml



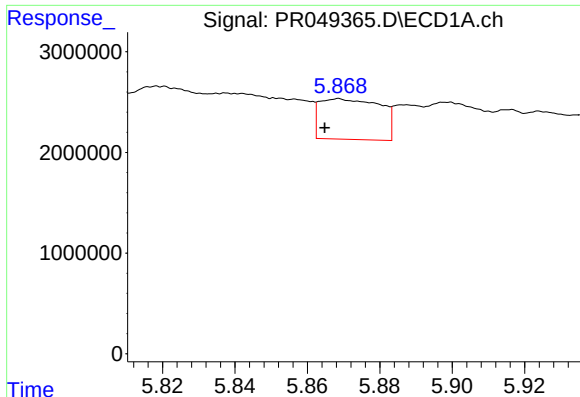
#16 AR-1242-1

R.T.: 5.838 min
Delta R.T.: -0.004 min
Response: 7115214
Conc: 90.20 ng/ml



#16 AR-1242-1

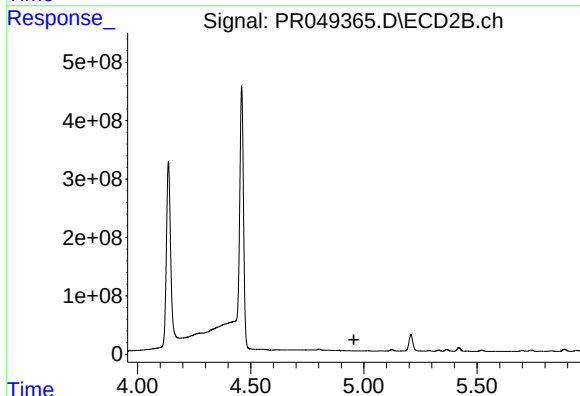
R.T.: 0.000 min
Exp R.T.: 4.937 min
Response: 0
Conc: N.D.



#17 AR-1242-2

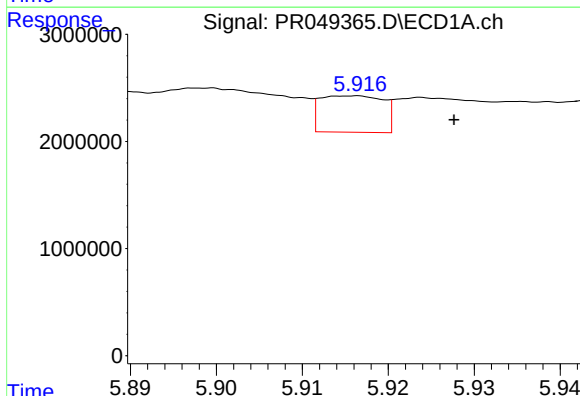
R.T.: 5.869 min
Delta R.T.: 0.004 min
Response: 4692859
Conc: 43.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



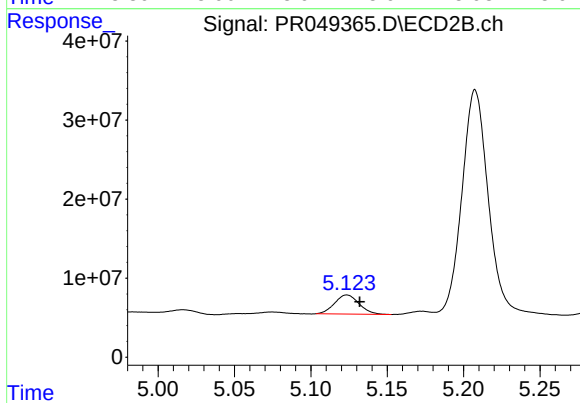
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



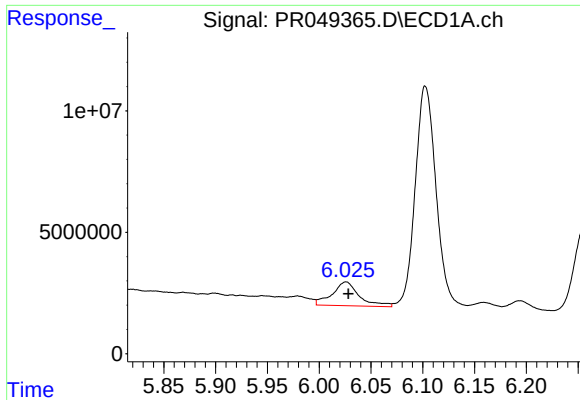
#18 AR-1242-3

R.T.: 5.916 min
Delta R.T.: -0.011 min
Response: 1732093
Conc: 25.77 ng/ml



#18 AR-1242-3

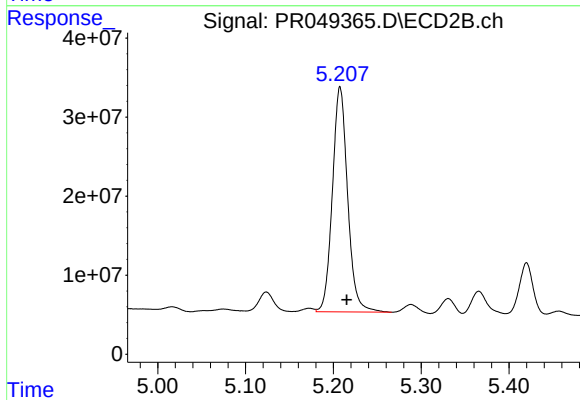
R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 26928475
Conc: 437.77 ng/ml



#19 AR-1242-4

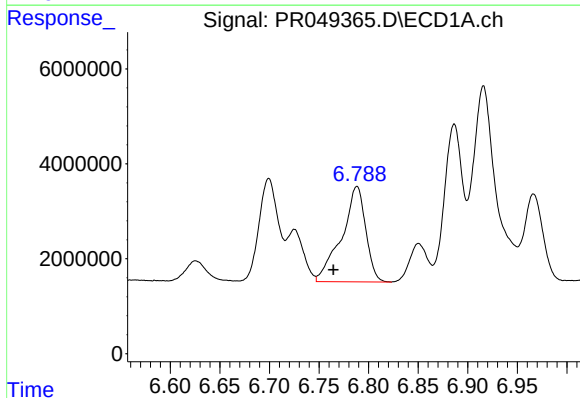
R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 18009225
Conc: 322.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



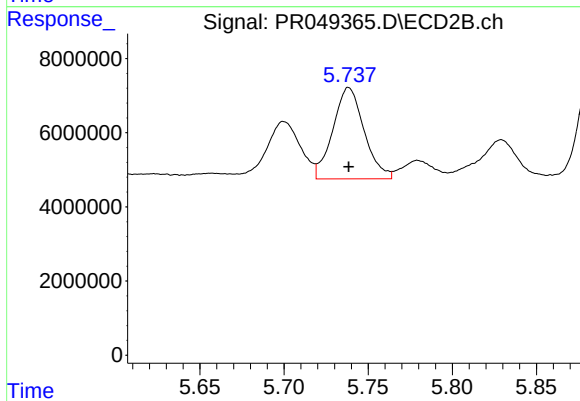
#19 AR-1242-4

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 343464800
Conc: 9719.87 ng/ml



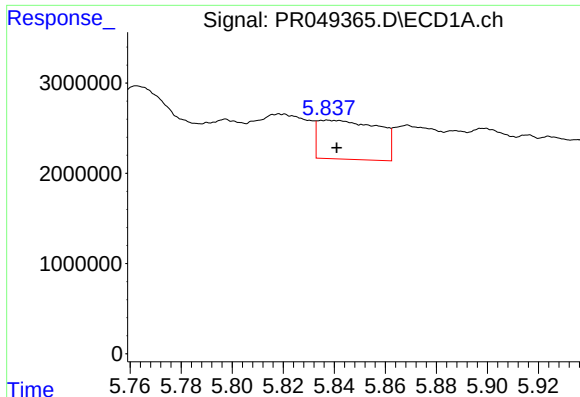
#20 AR-1242-5

R.T.: 6.788 min
Delta R.T.: 0.024 min
Response: 33935201
Conc: 565.50 ng/ml



#20 AR-1242-5

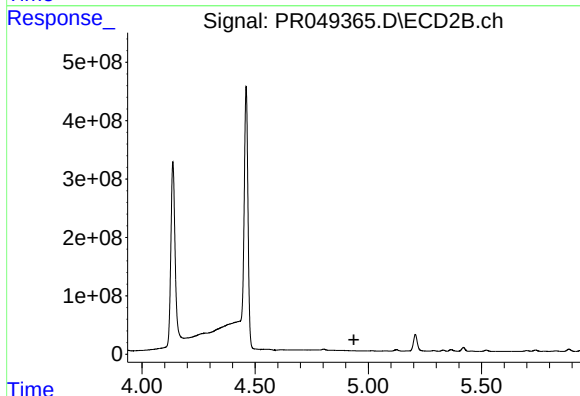
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 31937708
Conc: 511.34 ng/ml



#21 AR-1248-1

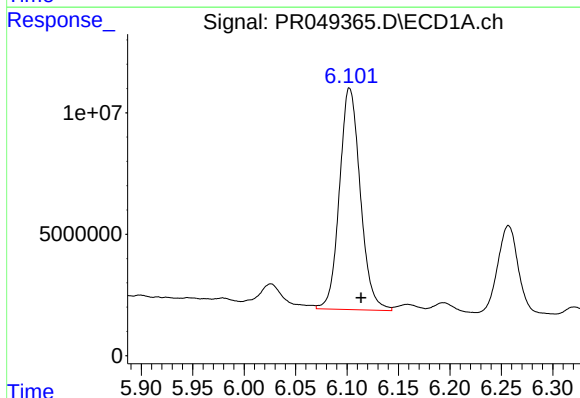
R.T.: 5.838 min
Delta R.T.: -0.003 min
Response: 7115214
Conc: 118.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



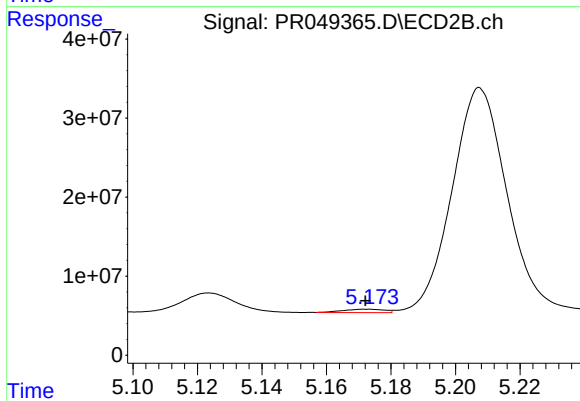
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



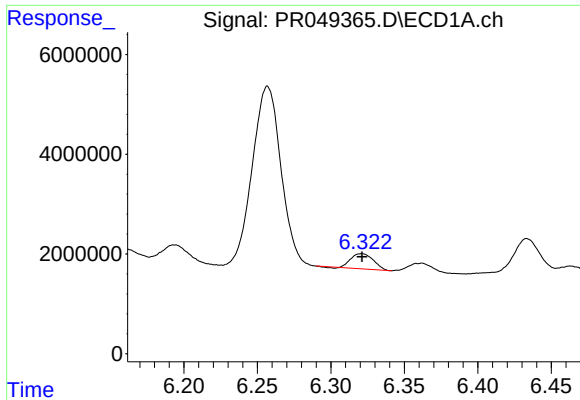
#22 AR-1248-2

R.T.: 6.102 min
Delta R.T.: -0.011 min
Response: 128634661
Conc: 1577.85 ng/ml



#22 AR-1248-2

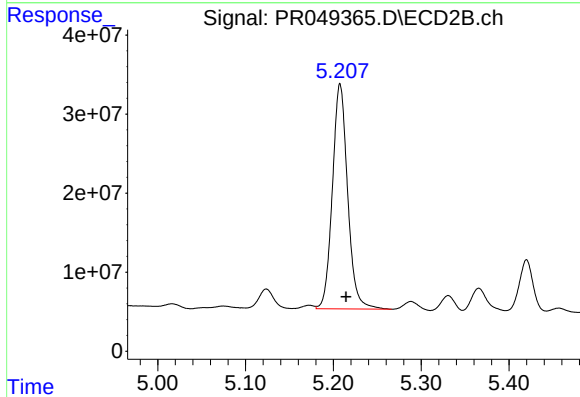
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 3872628
Conc: 89.63 ng/ml



#23 AR-1248-3

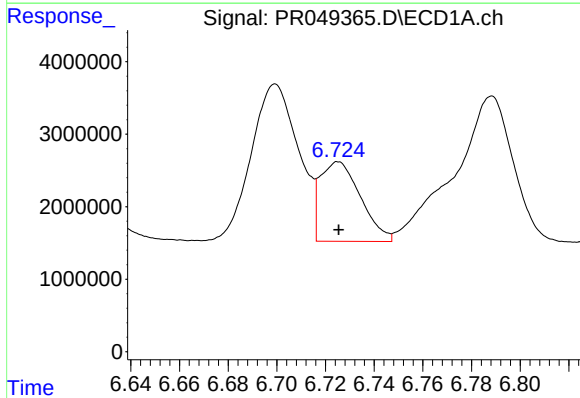
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 3230326
Conc: 36.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



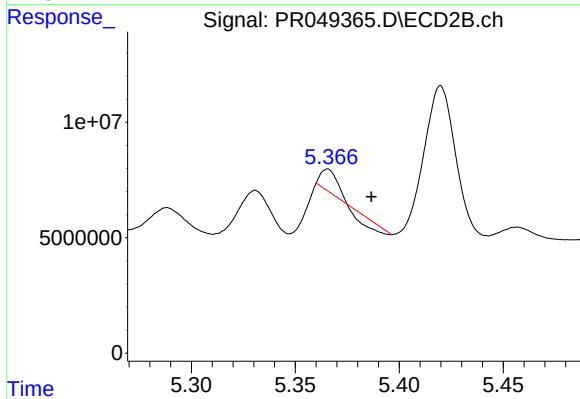
#23 AR-1248-3

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 343464800
Conc: 6618.40 ng/ml



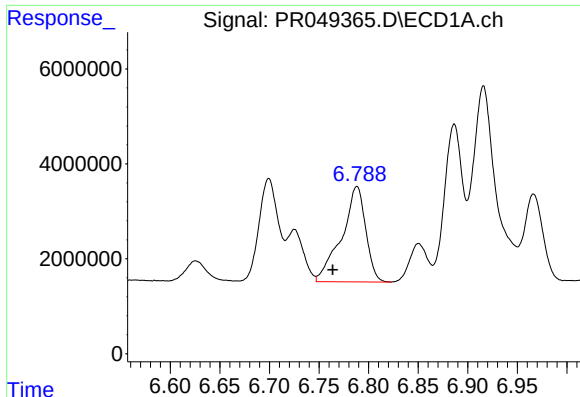
#24 AR-1248-4

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 12673572
Conc: 119.40 ng/ml



#24 AR-1248-4

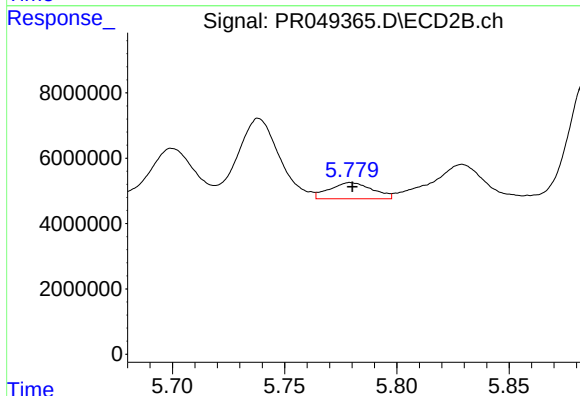
R.T.: 5.366 min
Delta R.T.: -0.021 min
Response: 2351906
Conc: 34.05 ng/ml



#25 AR-1248-5

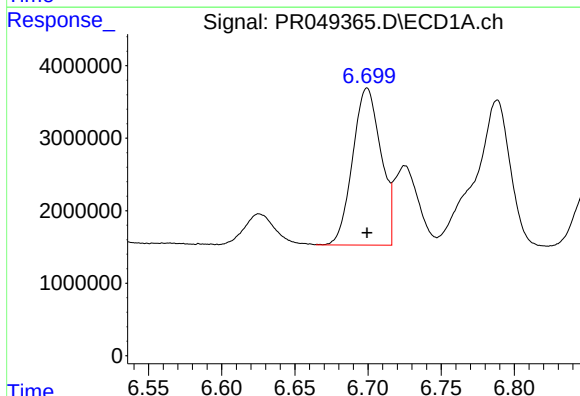
R.T.: 6.788 min
Delta R.T.: 0.024 min
Response: 33935201
Conc: 333.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



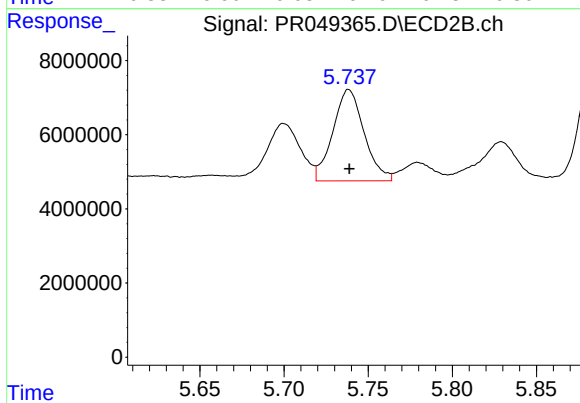
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 6613529
Conc: 63.06 ng/ml



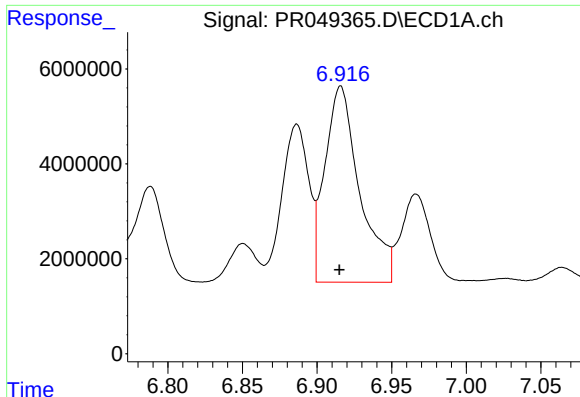
#26 AR-1254-1

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 29131284
Conc: 273.31 ng/ml



#26 AR-1254-1

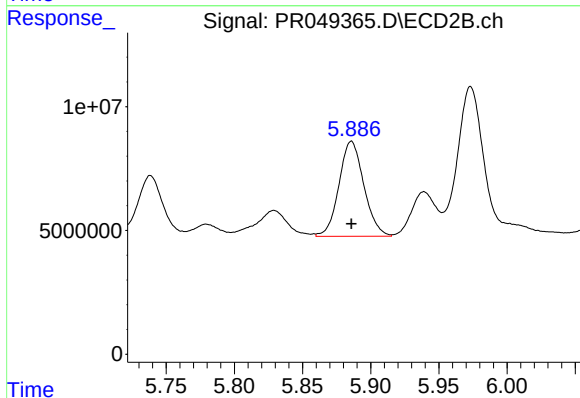
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 31937708
Conc: 291.00 ng/ml



#27 AR-1254-2

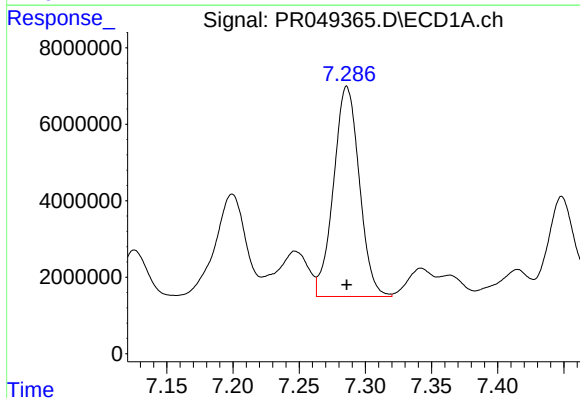
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 67014487
Conc: 414.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



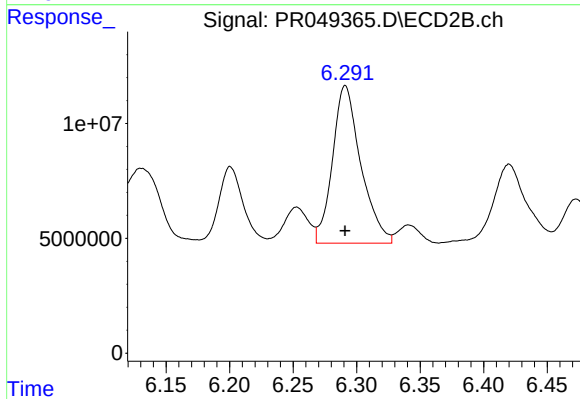
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 48863846
Conc: 412.77 ng/ml



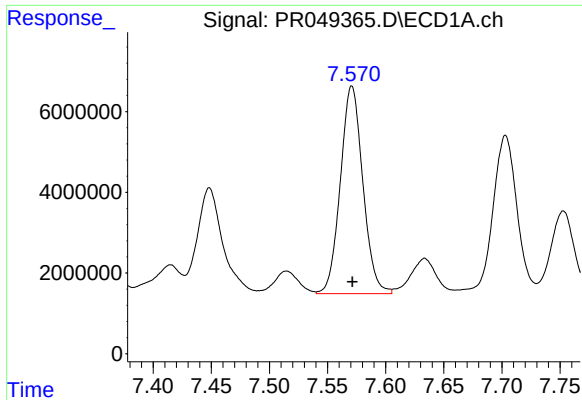
#28 AR-1254-3

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 74538837
Conc: 459.83 ng/ml



#28 AR-1254-3

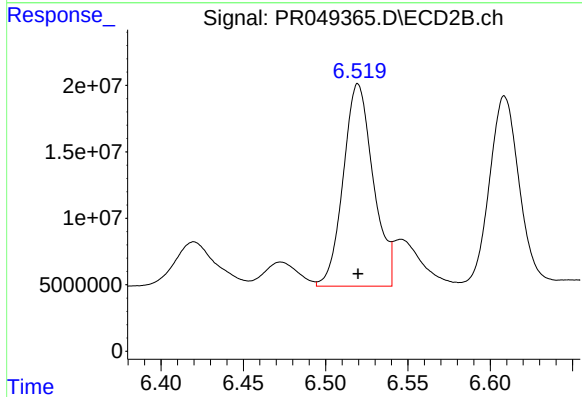
R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 106538591
Conc: 462.06 ng/ml



#29 AR-1254-4

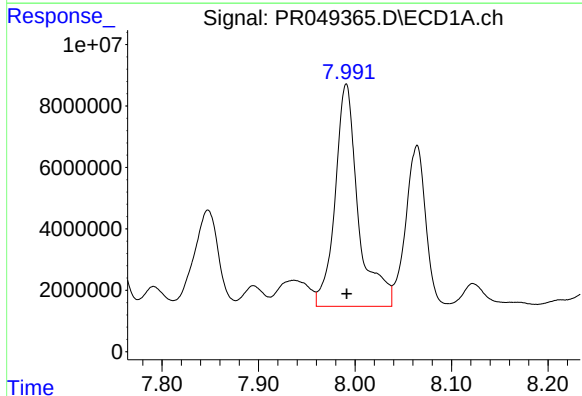
R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 69292167
Conc: 527.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



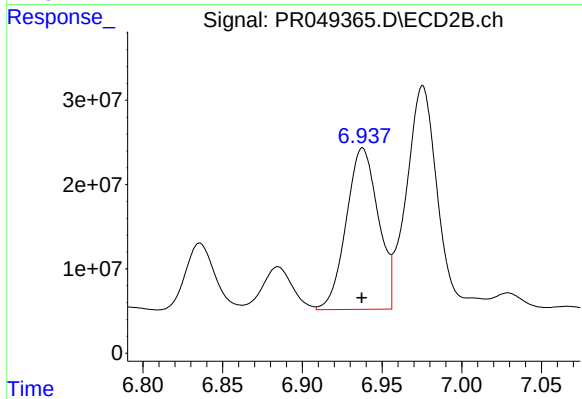
#29 AR-1254-4

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 192810221
Conc: 515.06 ng/ml



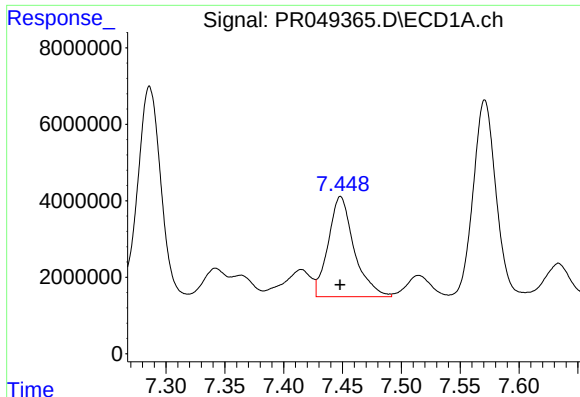
#30 AR-1254-5

R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 121226498
Conc: 909.11 ng/ml



#30 AR-1254-5

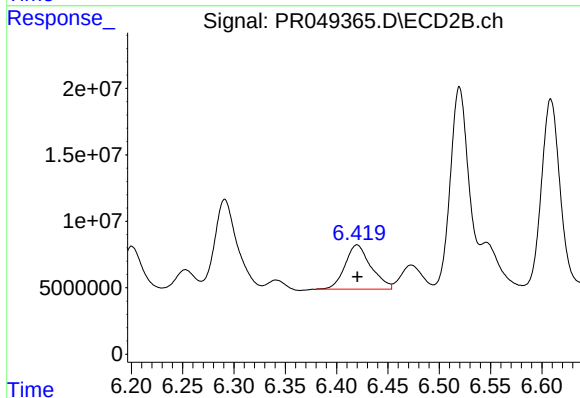
R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 268236168
Conc: 610.34 ng/ml



#31 AR-1260-1

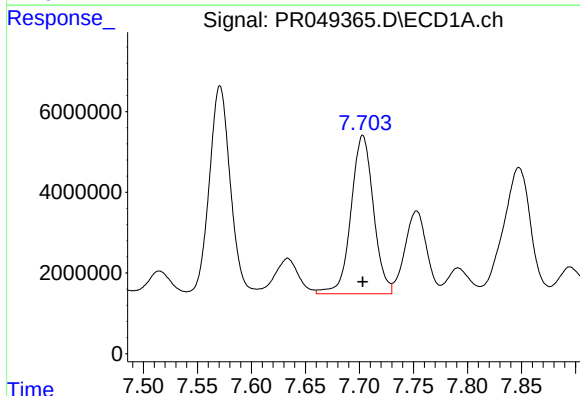
R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 40064855
Conc: 327.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



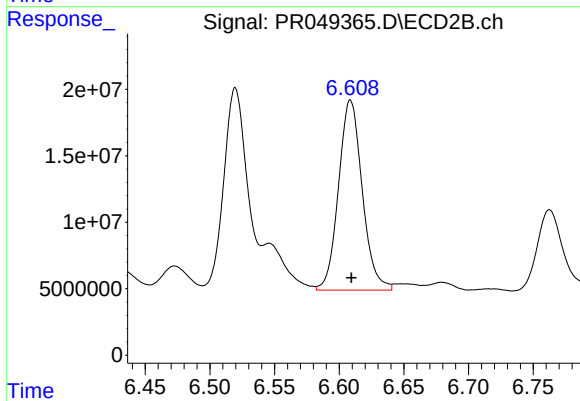
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 58469771
Conc: 464.62 ng/ml



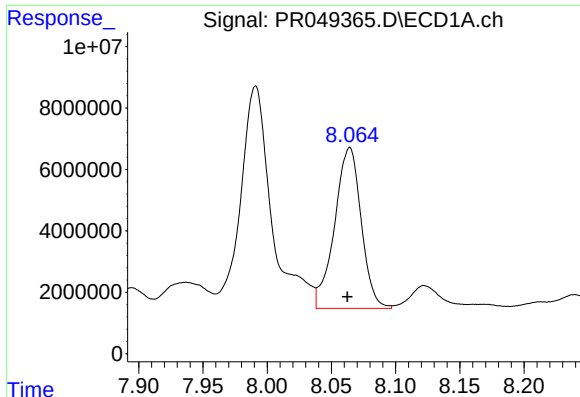
#32 AR-1260-2

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 56735282
Conc: 373.83 ng/ml



#32 AR-1260-2

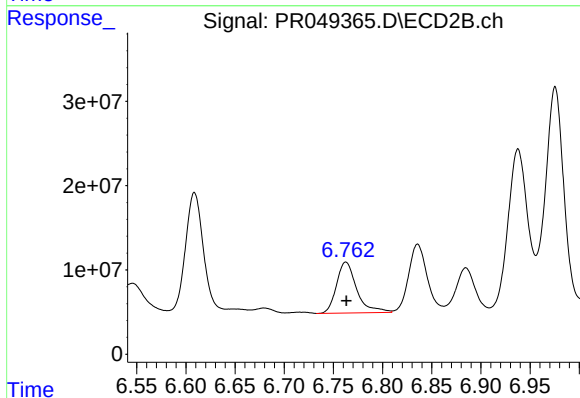
R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 182569336
Conc: 355.79 ng/ml



#33 AR-1260-3

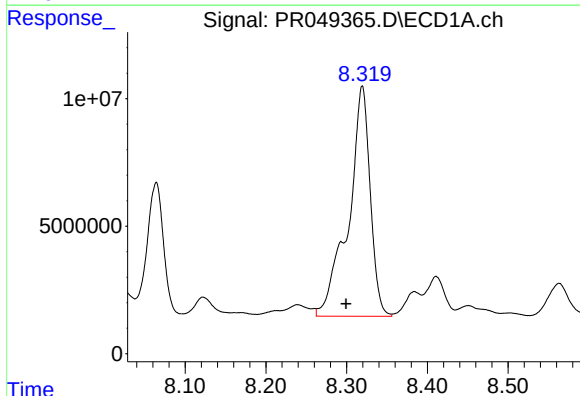
R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 75661042
Conc: 638.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



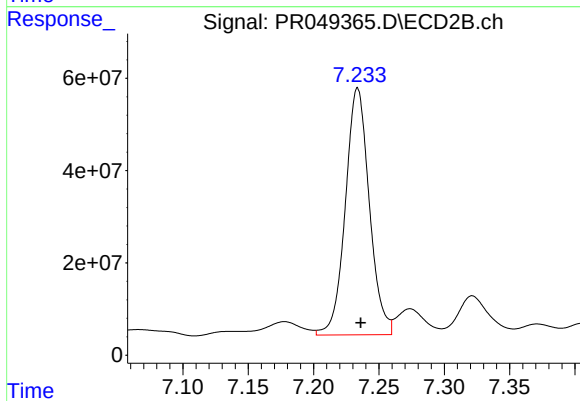
#33 AR-1260-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 86523249
Conc: 295.84 ng/ml



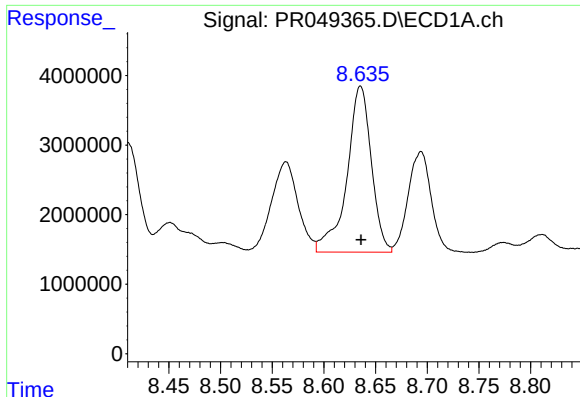
#34 AR-1260-4

R.T.: 8.319 min
Delta R.T.: 0.020 min
Response: 168976946
Conc: 1339.31 ng/ml



#34 AR-1260-4

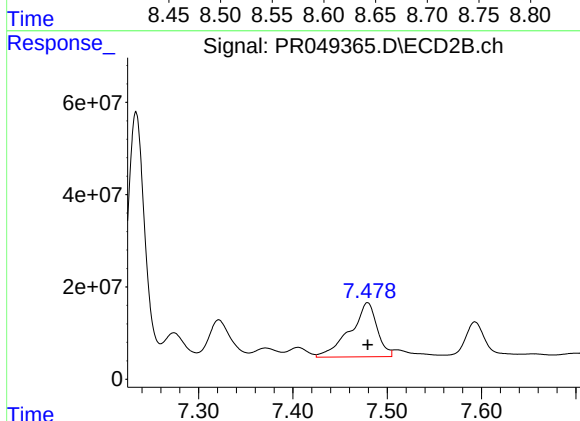
R.T.: 7.234 min
Delta R.T.: -0.003 min
Response: 683428714
Conc: 1941.12 ng/ml



#35 AR-1260-5

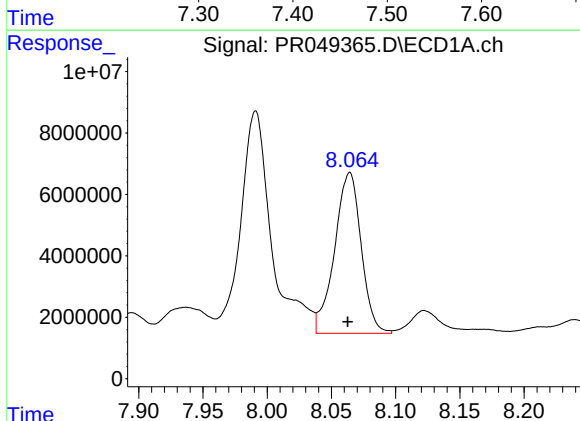
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 39312273
Conc: 150.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



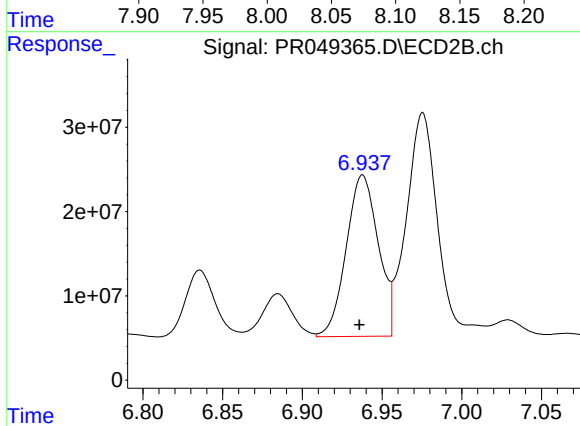
#35 AR-1260-5

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 232815377
Conc: 175.24 ng/ml



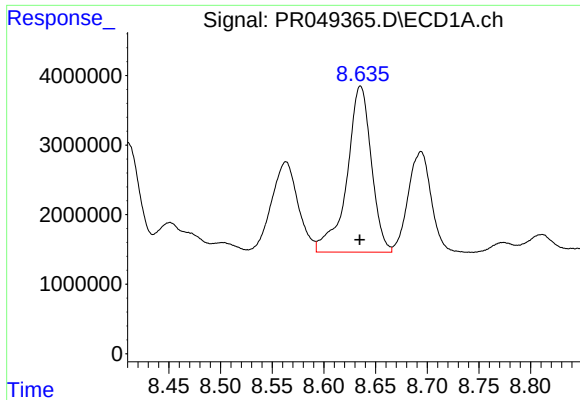
#36 AR-1262-1

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 75661042
Conc: 441.03 ng/ml



#36 AR-1262-1

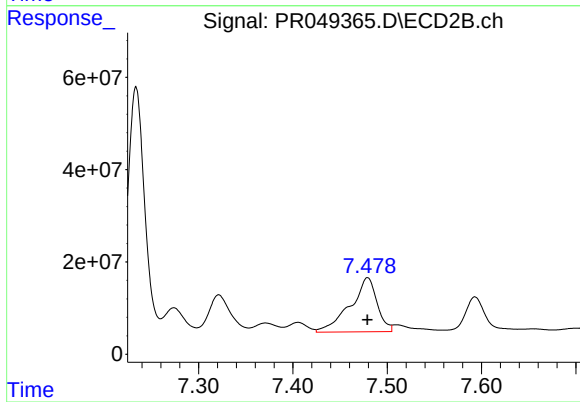
R.T.: 6.938 min
Delta R.T.: 0.002 min
Response: 268236168
Conc: 1105.89 ng/ml



#37 AR-1262-2

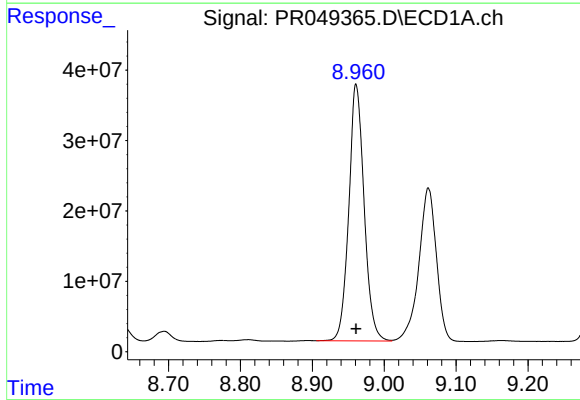
R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 39312273
Conc: 133.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



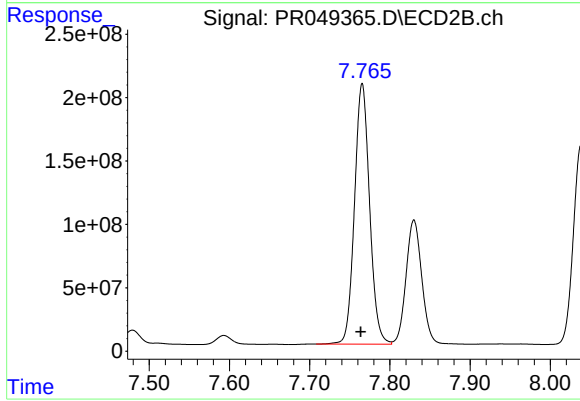
#37 AR-1262-2

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 232815377
Conc: 149.44 ng/ml



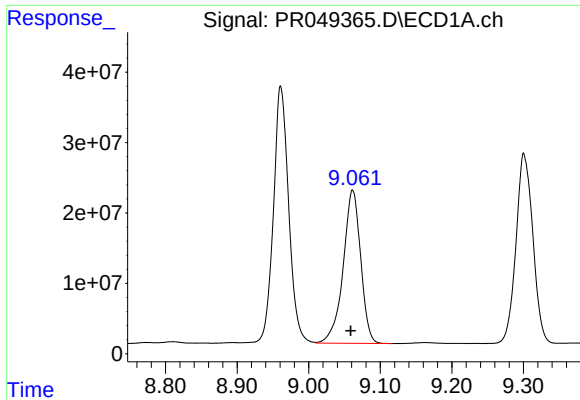
#38 AR-1262-3

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 539756348
Conc: 2644.47 ng/ml



#38 AR-1262-3

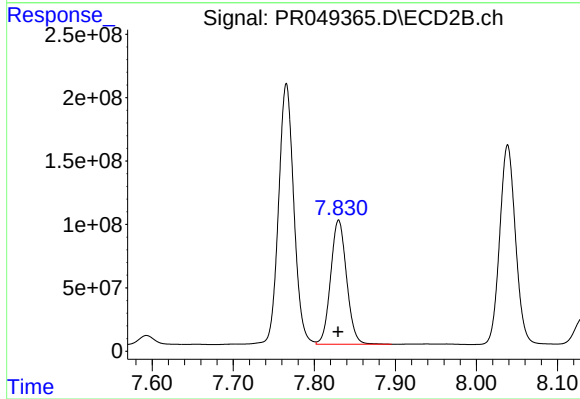
R.T.: 7.766 min
Delta R.T.: 0.002 min
Response: 2682405326
Conc: 4470.60 ng/ml



#39 AR-1262-4

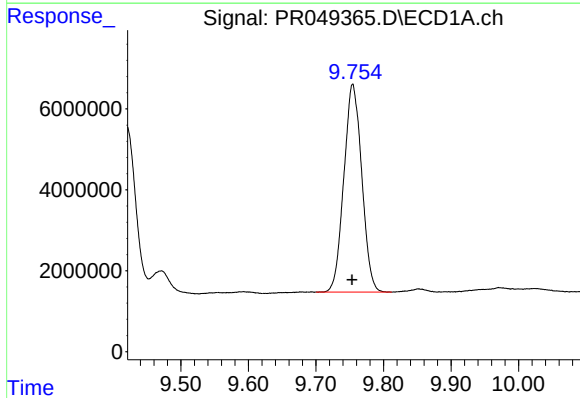
R.T.: 9.061 min
Delta R.T.: 0.003 min
Response: 370896916
Conc: 2317.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



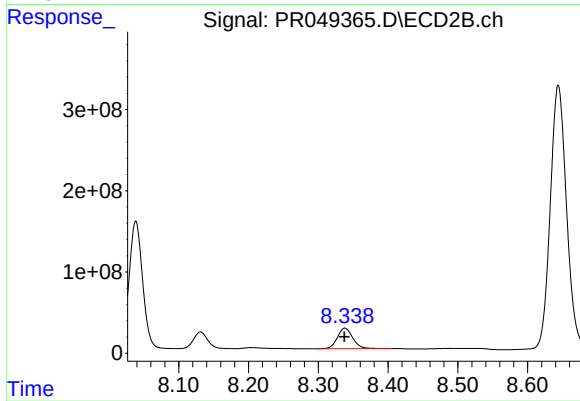
#39 AR-1262-4

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 1334552566
Conc: 1331.65 ng/ml



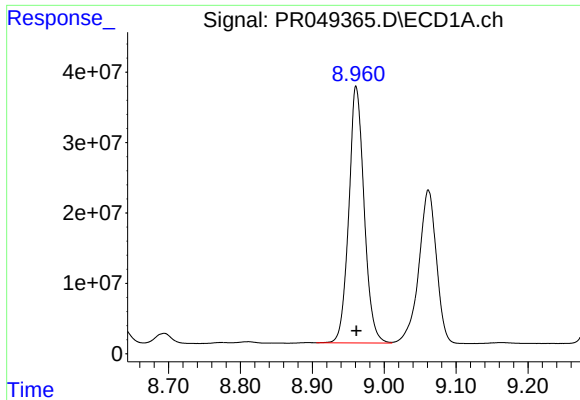
#40 AR-1262-5

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 94672255
Conc: 820.10 ng/ml



#40 AR-1262-5

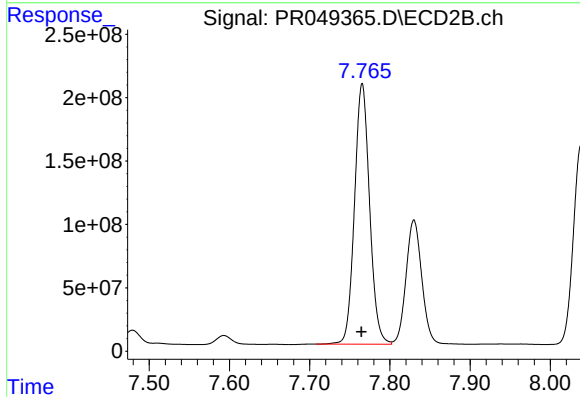
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 384716723
Conc: 867.53 ng/ml



#41 AR-1268-1

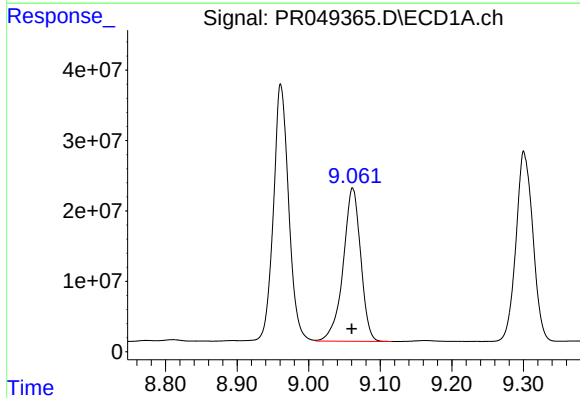
R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 539756348
Conc: 1472.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



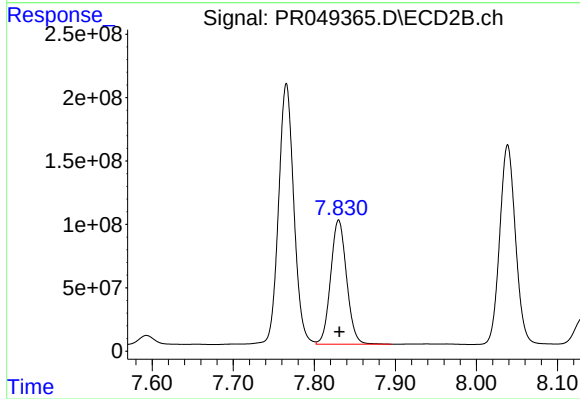
#41 AR-1268-1

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 2682405326
Conc: 1478.64 ng/ml



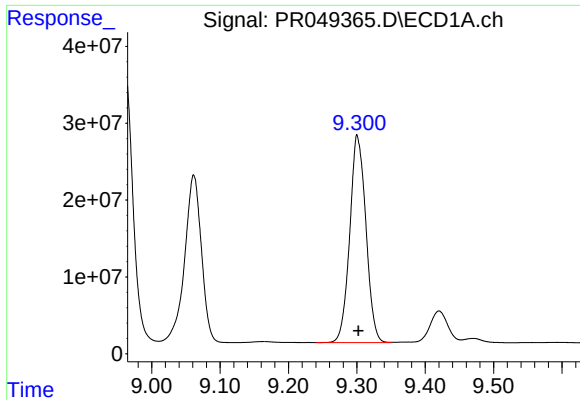
#42 AR-1268-2

R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 370896916
Conc: 1075.17 ng/ml



#42 AR-1268-2

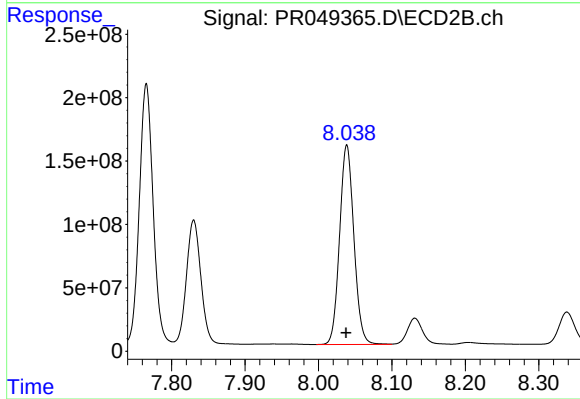
R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 1334552566
Conc: 879.53 ng/ml



#43 AR-1268-3

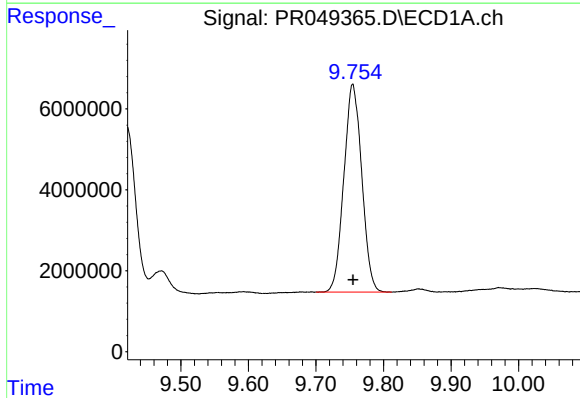
R.T.: 9.301 min
Delta R.T.: -0.002 min
Response: 442926467
Conc: 1475.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



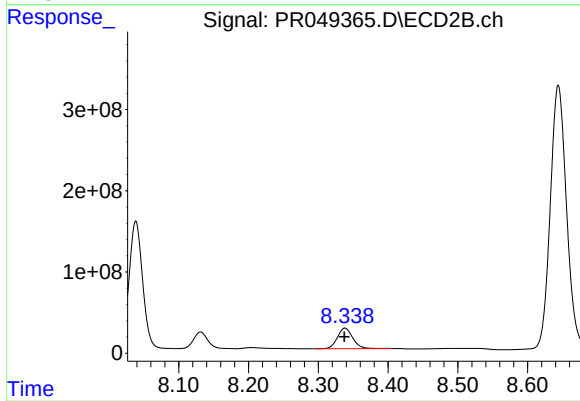
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 2128870694
Conc: 1582.83 ng/ml



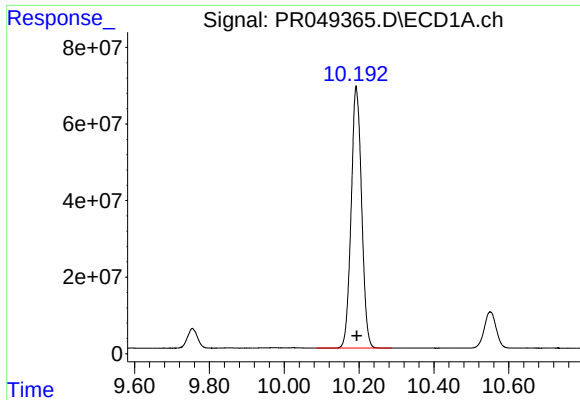
#44 AR-1268-4

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 94672255
Conc: 722.31 ng/ml



#44 AR-1268-4

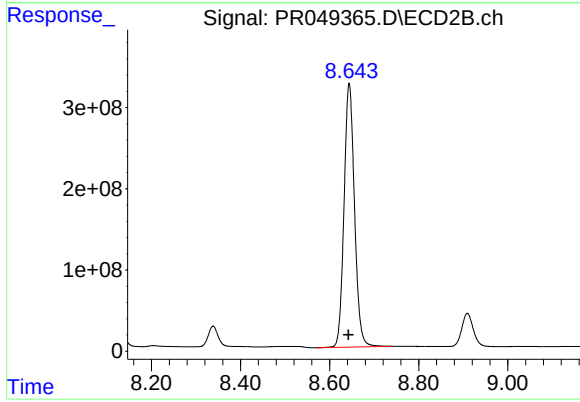
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 384716723
Conc: 762.00 ng/ml



#45 AR-1268-5

R.T.: 10.192 min
Delta R.T.: -0.002 min
Response: 1322981499
Conc: 1325.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.644 min
Delta R.T.: 0.001 min
Response: 5297782103
Conc: 1334.92 ng/ml