

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110719\
 Data File : PR042940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2019 12:54
 Operator : SM\AJ
 Sample : K5686-15RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 19ARE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 14:29:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
 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...	4.711	3.972	104.4E6	390.0E6	17.715	19.452
2)	SA Decachlor...	10.623	9.069	45863621	125.8E6	11.461	10.014
Target Compounds							
3)	L1 AR-1016-1	5.892	5.020	8053012	21169258	44.888	36.491
4)	L1 AR-1016-2	5.892	5.020	8053012	21169258	32.317	27.012
6)	L1 AR-1016-4	6.053	0.000	5031959	0	40.095	N.D. #
7)	L1 AR-1016-5	6.363	5.545	7350999	33407427	59.360	108.885 #
8)	L2 AR-1221-1	4.896	0.000	1289936	0	26.883	N.D. #
9)	L2 AR-1221-2	5.023	0.000	3073337	0	82.618	N.D. #
10)	L2 AR-1221-3	5.023	4.397	3073337	28173317	26.606	68.118 #
11)	L3 AR-1232-1	5.023	4.397	3073337	28173317	19.235	48.811 #
12)	L3 AR-1232-2	5.640	5.020	6607220	21169258	78.201	38.558 #
13)	L3 AR-1232-3	5.892	0.000	8053012	0	46.762	N.D. #
14)	L3 AR-1232-4	6.053	0.000	5031959	0	58.842	N.D. #
15)	L3 AR-1232-5	6.176	5.545	905193	33407427	13.975	164.544 #
16)	L4 AR-1242-1	5.892	5.020	8053012	21169258	63.167	50.738
17)	L4 AR-1242-2	5.892	5.020	8053012	21169258	44.892	37.609
19)	L4 AR-1242-4	6.053	0.000	5031959	0	55.834	N.D. #
20)	L4 AR-1242-5	6.788	5.850	9710046	51713971	97.135	175.342 #
21)	L5 AR-1248-1	5.892	5.020	8053012	21169258	84.881	67.006
22)	L5 AR-1248-2	6.176	0.000	905193	0	6.869	N.D. #
23)	L5 AR-1248-3	6.363	0.000	7350999	0	49.638	N.D. #
24)	L5 AR-1248-4	6.788	5.545	9710046	33407427	56.864	93.107 #
25)	L5 AR-1248-5	6.788	5.850	9710046	51713971	59.876	133.406 #
26)	L6 AR-1254-1	6.739	5.850	10908853	51713971	58.441	82.063 #
27)	L6 AR-1254-2	6.961	0.000	12469033	0	42.715	N.D. #
28)	L6 AR-1254-3	7.340	6.428	7648331	74052183	24.286	71.967 #
29)	L6 AR-1254-4	7.617	6.653	8067595	84955286	34.422	111.405 #
30)	L6 AR-1254-5	8.041	7.071	35042482	103.5E6	139.378	112.280
31)	L7 AR-1260-1	7.494	6.566	13698758	36079867	65.889	59.528
32)	L7 AR-1260-2	7.744	6.743	43494364	64858836	177.903	75.009 #
33)	L7 AR-1260-3	8.110	6.899	7604540	55139804	42.068	77.641 #
34)	L7 AR-1260-4	8.343	0.000	14349934	0	68.762	N.D. #
35)	L7 AR-1260-5	8.687	7.611	11214906	30528970	27.050	18.923 #
36)	L8 AR-1262-1	8.110	0.000	7604540	0	25.770	N.D. #
37)	L8 AR-1262-2	8.687	7.611	11214906	30528970	20.138	14.608 #
38)	L8 AR-1262-3	9.017	7.827	12406499	13764194	34.717	16.412 #
39)	L8 AR-1262-4	9.159	0.000	90140993	0	665.259	N.D. #
40)	L8 AR-1262-5	9.817	0.000	1805077	0	9.855	N.D. #
41)	L9 AR-1268-1	9.017	7.827	12406499	13764194	19.551	5.668 #
42)	L9 AR-1268-2	9.159	0.000	90140993	0	156.584	N.D. #
43)	L9 AR-1268-3	9.359	0.000	1513515	0	3.212	N.D. #
44)	L9 AR-1268-4	9.817	0.000	1805077	0	8.797	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 14:29:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.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	
45) L9	AR-1268-5	10.260	0.000	4186236	0	2.674	N.D.	#

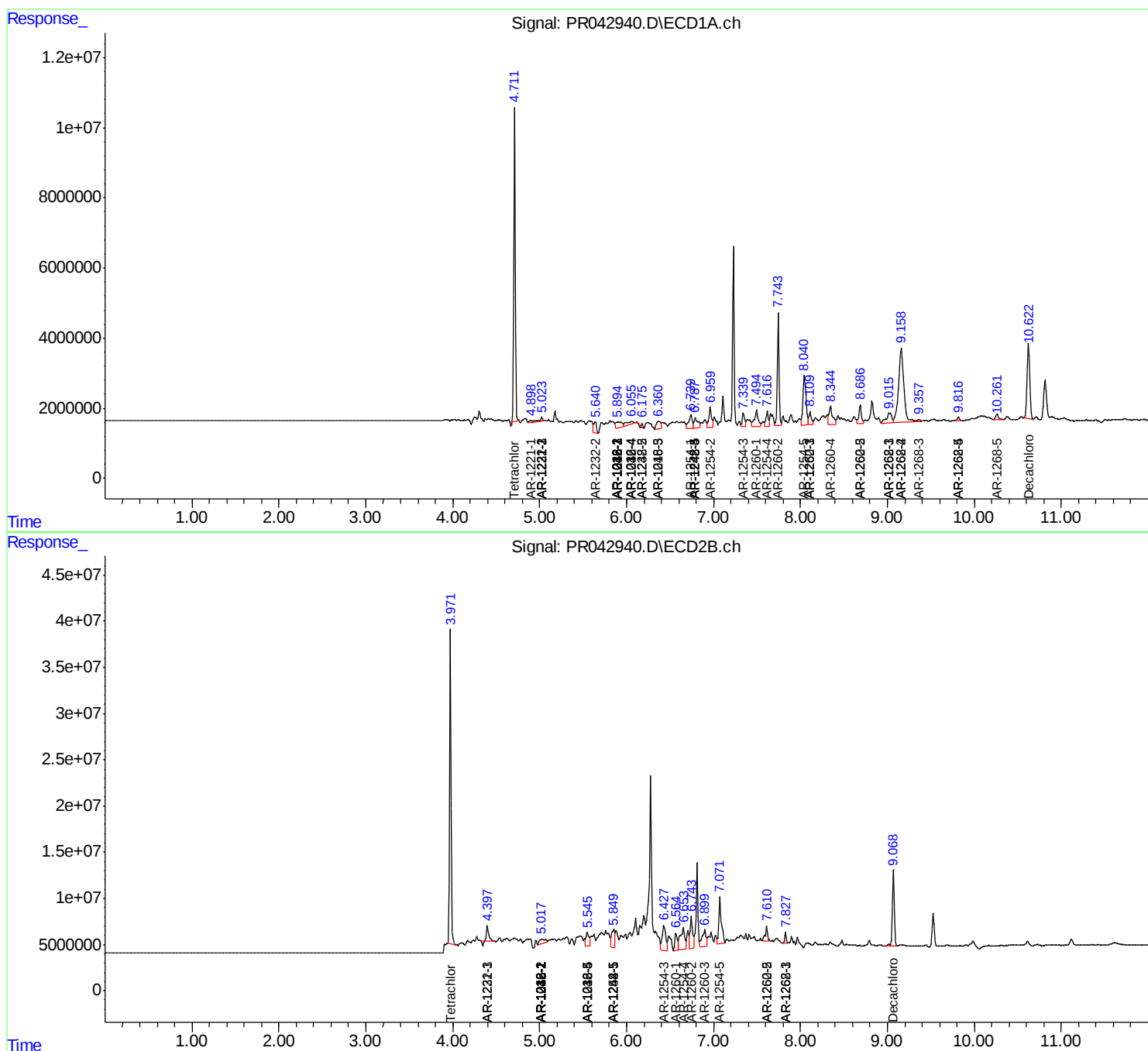
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

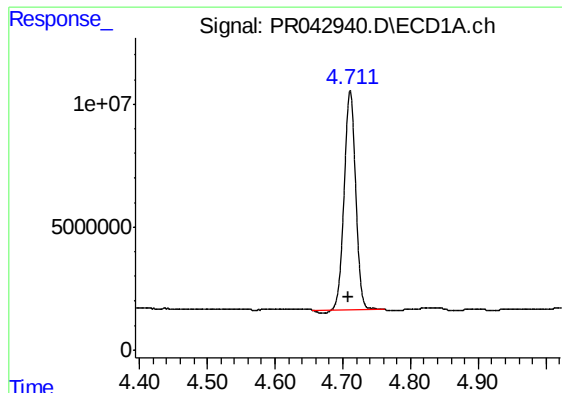
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110719\
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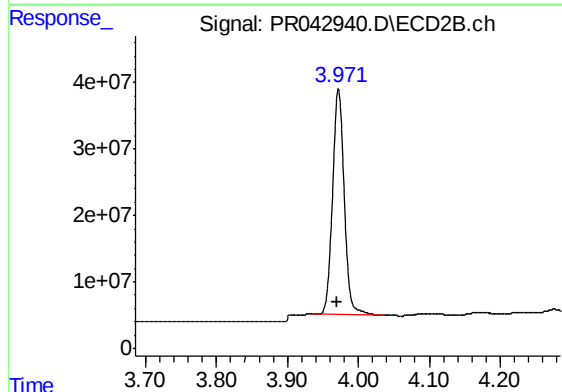




#1 Tetrachloro-m-xylene

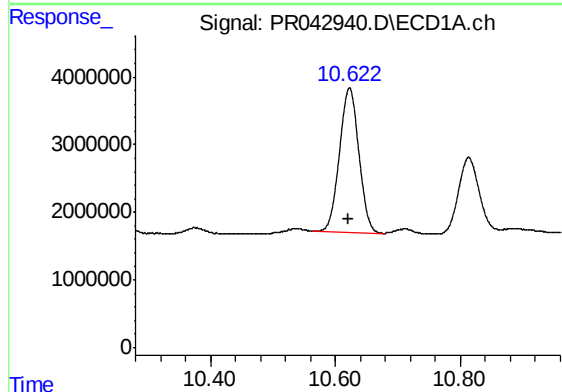
R.T.: 4.711 min
Delta R.T.: 0.002 min
Response: 104417507
Conc: 17.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



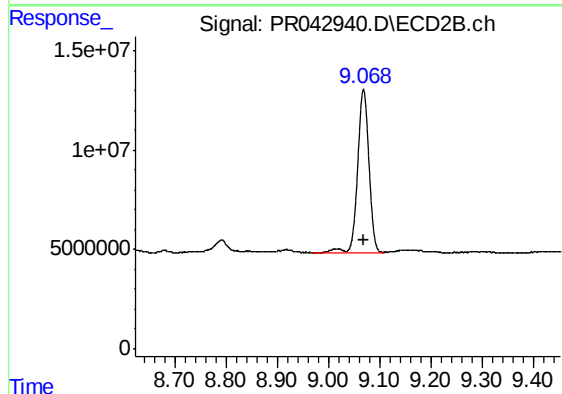
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: 0.003 min
Response: 390039075
Conc: 19.45 ng/ml



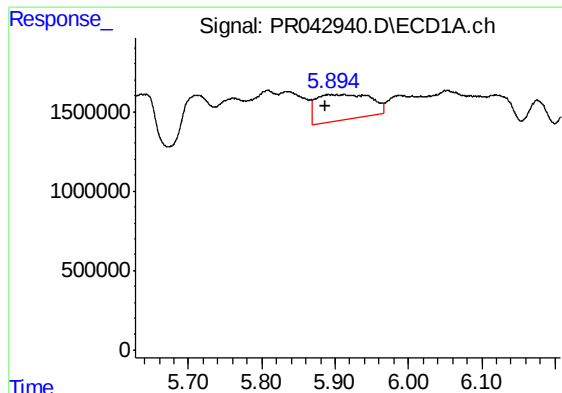
#2 Decachlorobiphenyl

R.T.: 10.623 min
Delta R.T.: 0.000 min
Response: 45863621
Conc: 11.46 ng/ml



#2 Decachlorobiphenyl

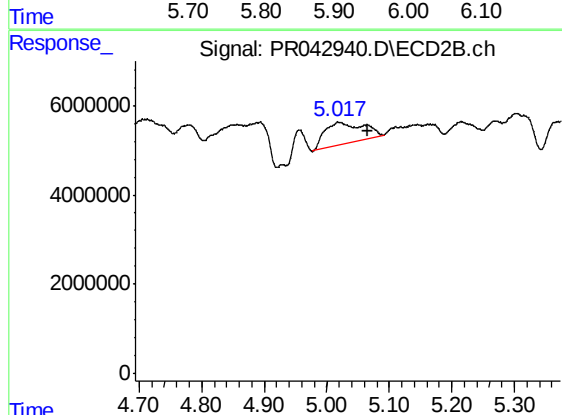
R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 125840568
Conc: 10.01 ng/ml



#3 AR-1016-1

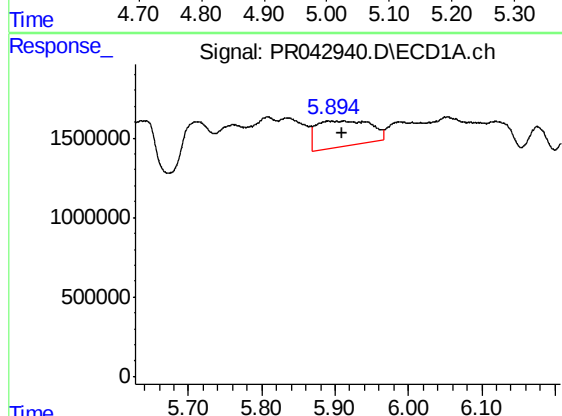
R.T.: 5.892 min
Delta R.T.: 0.005 min
Response: 8053012
Conc: 44.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



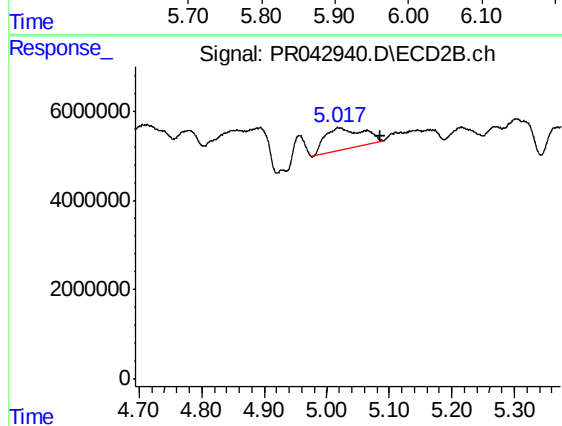
#3 AR-1016-1

R.T.: 5.020 min
Delta R.T.: -0.045 min
Response: 21169258
Conc: 36.49 ng/ml



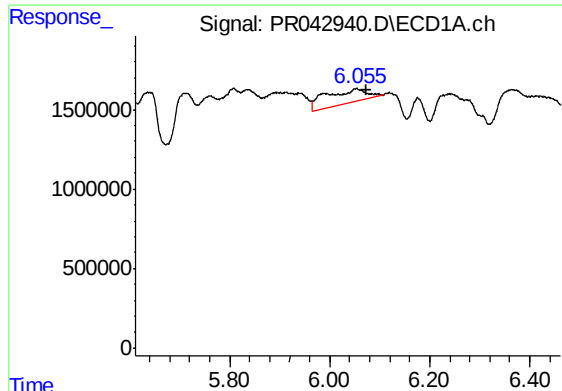
#4 AR-1016-2

R.T.: 5.892 min
Delta R.T.: -0.017 min
Response: 8053012
Conc: 32.32 ng/ml



#4 AR-1016-2

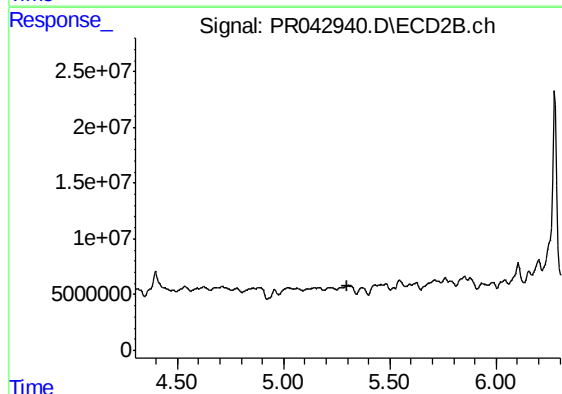
R.T.: 5.020 min
Delta R.T.: -0.065 min
Response: 21169258
Conc: 27.01 ng/ml



#6 AR-1016-4

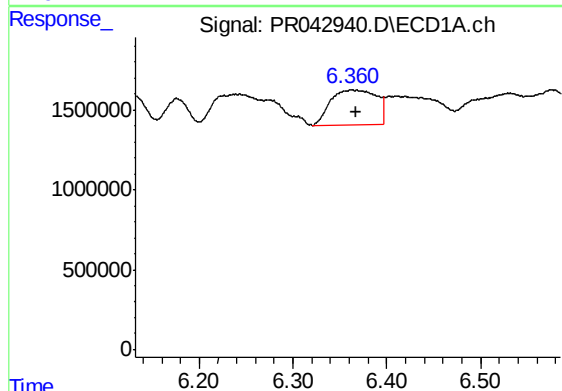
R.T.: 6.053 min
Delta R.T.: -0.020 min
Response: 5031959
Conc: 40.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



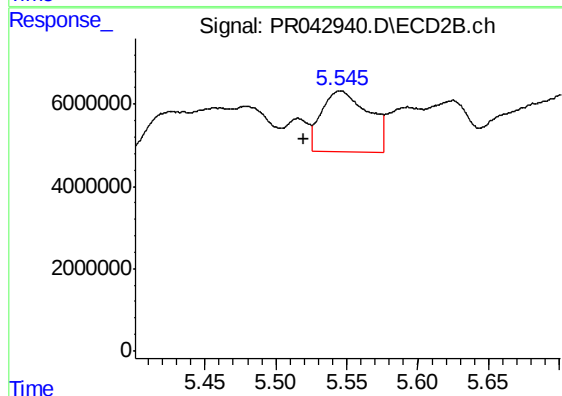
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.303 min
Response: 0
Conc: N.D.



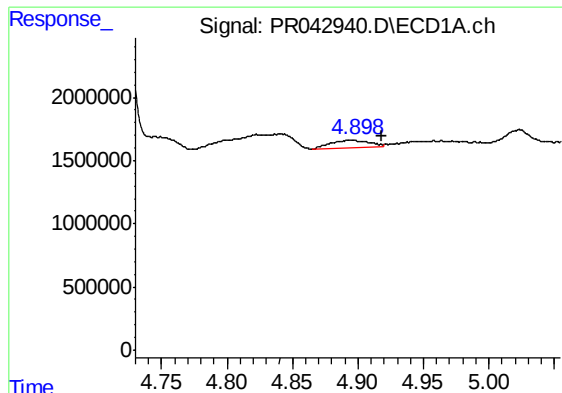
#7 AR-1016-5

R.T.: 6.363 min
Delta R.T.: -0.004 min
Response: 7350999
Conc: 59.36 ng/ml



#7 AR-1016-5

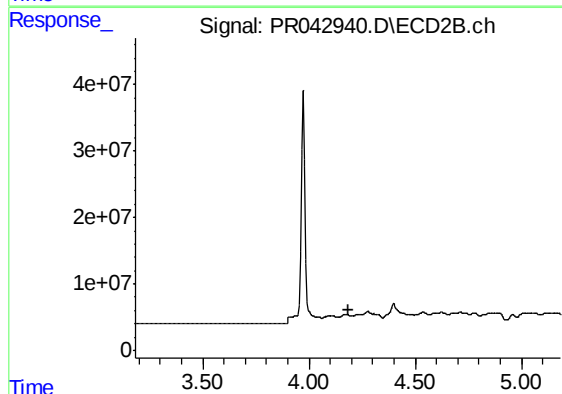
R.T.: 5.545 min
Delta R.T.: 0.026 min
Response: 33407427
Conc: 108.88 ng/ml



#8 AR-1221-1

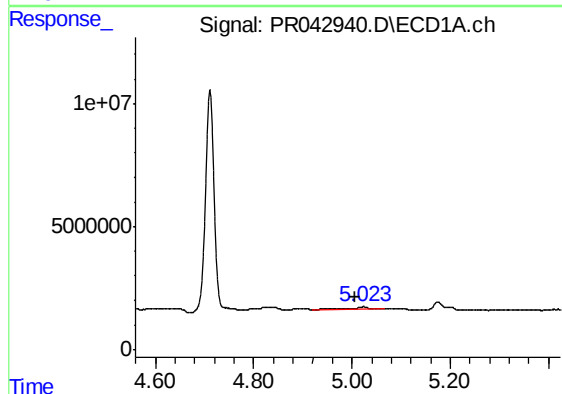
R.T.: 4.896 min
Delta R.T.: -0.022 min
Response: 1289936
Conc: 26.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



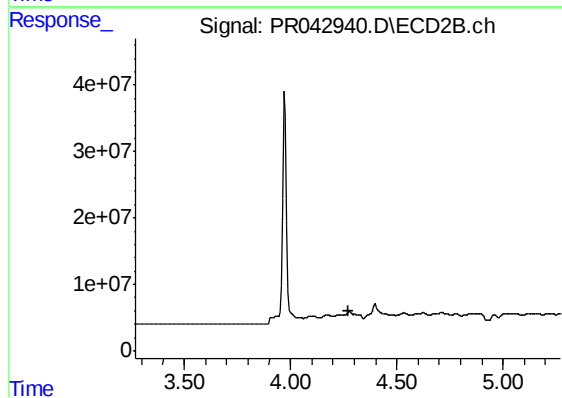
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.183 min
Response: 0
Conc: N.D.



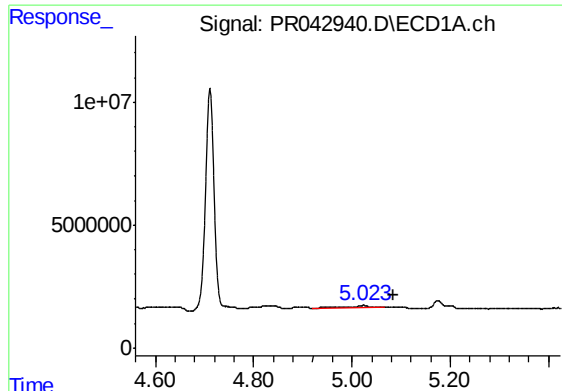
#9 AR-1221-2

R.T.: 5.023 min
Delta R.T.: 0.017 min
Response: 3073337
Conc: 82.62 ng/ml



#9 AR-1221-2

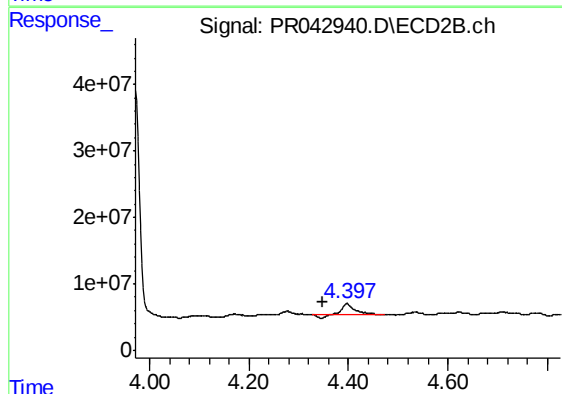
R.T.: 0.000 min
Exp R.T. : 4.271 min
Response: 0
Conc: N.D.



#10 AR-1221-3

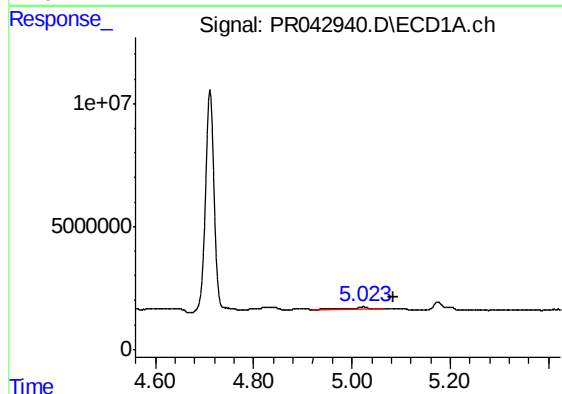
R.T.: 5.023 min
Delta R.T.: -0.061 min
Response: 3073337
Conc: 26.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



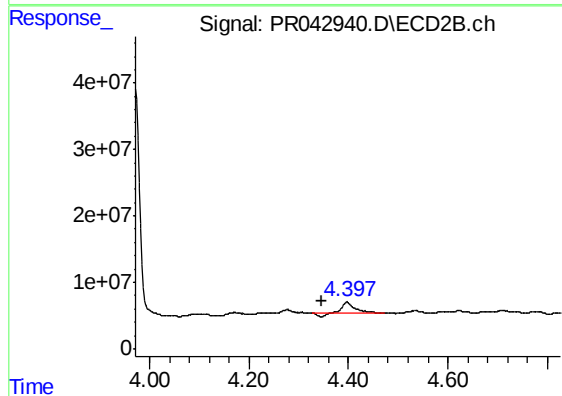
#10 AR-1221-3

R.T.: 4.397 min
Delta R.T.: 0.049 min
Response: 28173317
Conc: 68.12 ng/ml



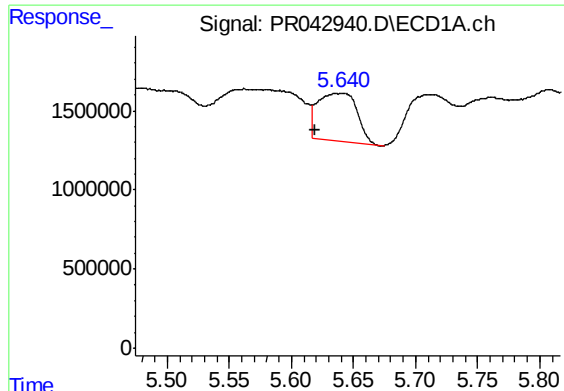
#11 AR-1232-1

R.T.: 5.023 min
Delta R.T.: -0.061 min
Response: 3073337
Conc: 19.24 ng/ml



#11 AR-1232-1

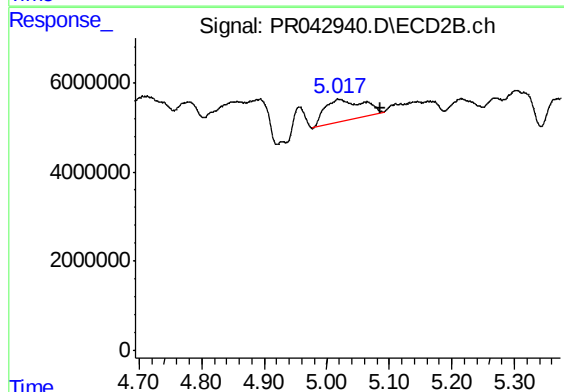
R.T.: 4.397 min
Delta R.T.: 0.049 min
Response: 28173317
Conc: 48.81 ng/ml



#12 AR-1232-2

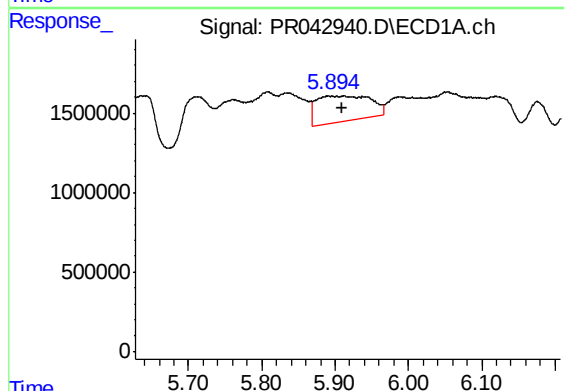
R.T.: 5.640 min
Delta R.T.: 0.021 min
Response: 6607220
Conc: 78.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



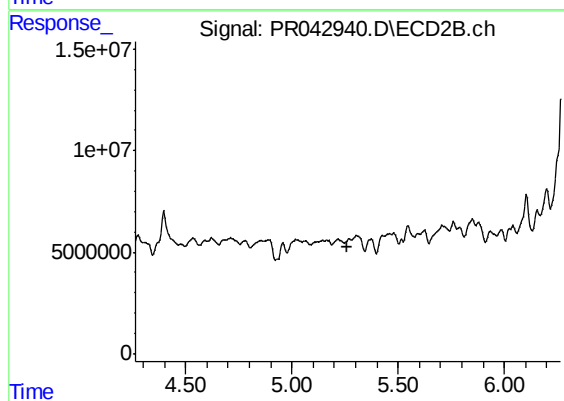
#12 AR-1232-2

R.T.: 5.020 min
Delta R.T.: -0.066 min
Response: 21169258
Conc: 38.56 ng/ml



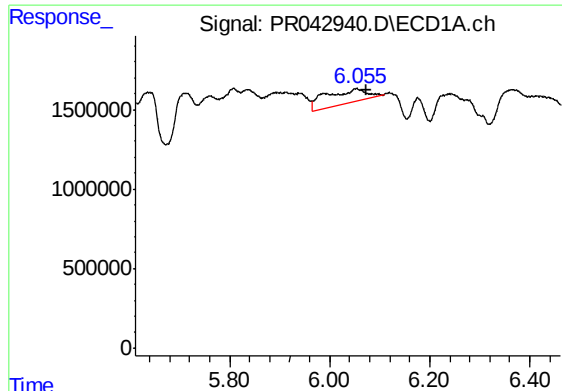
#13 AR-1232-3

R.T.: 5.892 min
Delta R.T.: -0.018 min
Response: 8053012
Conc: 46.76 ng/ml



#13 AR-1232-3

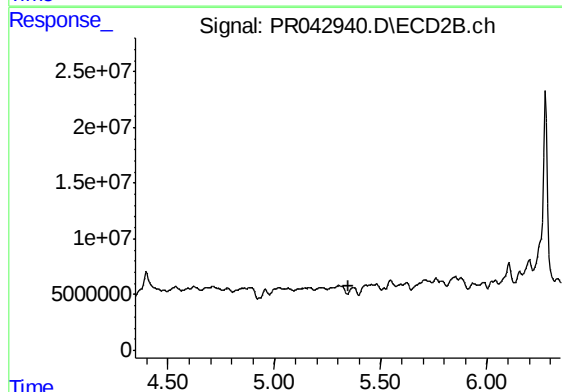
R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.



#14 AR-1232-4

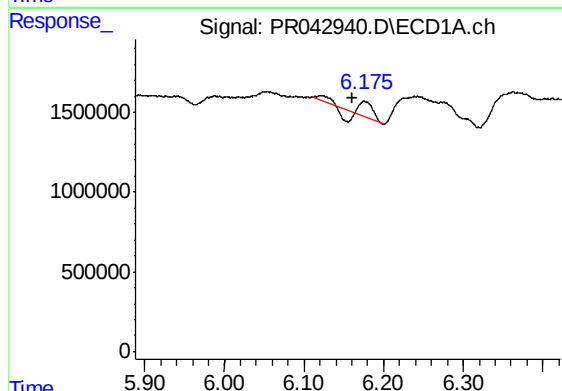
R.T.: 6.053 min
Delta R.T.: -0.021 min
Response: 5031959
Conc: 58.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
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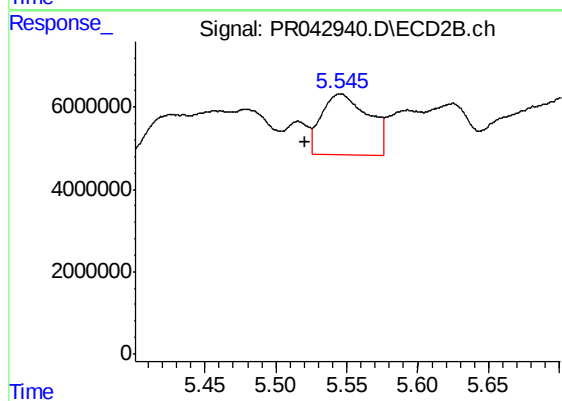
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



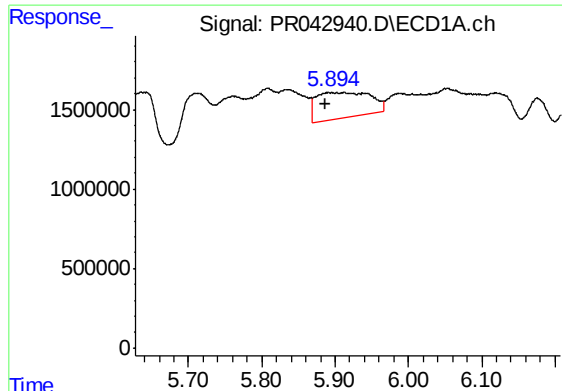
#15 AR-1232-5

R.T.: 6.176 min
Delta R.T.: 0.016 min
Response: 905193
Conc: 13.98 ng/ml



#15 AR-1232-5

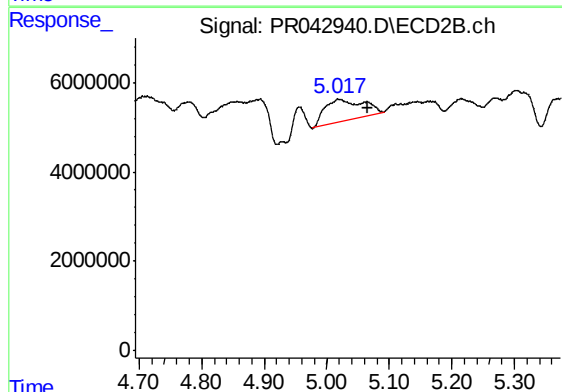
R.T.: 5.545 min
Delta R.T.: 0.025 min
Response: 33407427
Conc: 164.54 ng/ml



#16 AR-1242-1

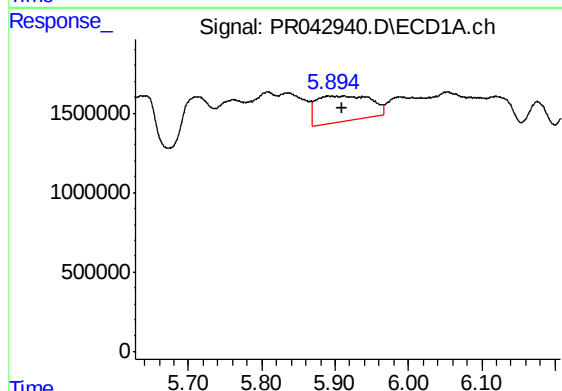
R.T.: 5.892 min
Delta R.T.: 0.005 min
Response: 8053012
Conc: 63.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
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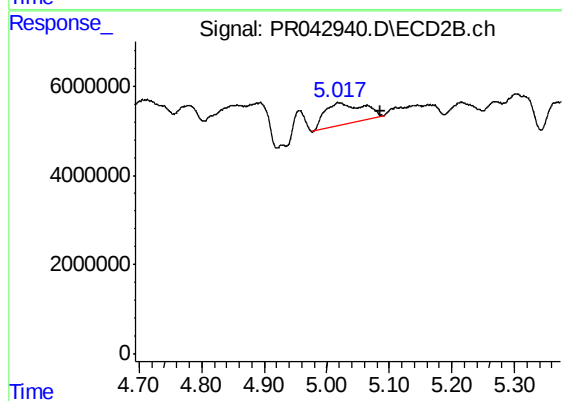
#16 AR-1242-1

R.T.: 5.020 min
Delta R.T.: -0.046 min
Response: 21169258
Conc: 50.74 ng/ml



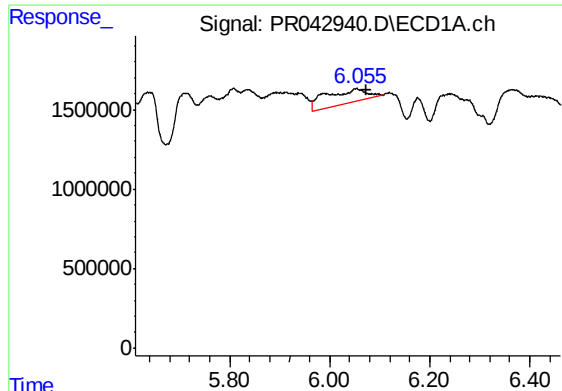
#17 AR-1242-2

R.T.: 5.892 min
Delta R.T.: -0.018 min
Response: 8053012
Conc: 44.89 ng/ml



#17 AR-1242-2

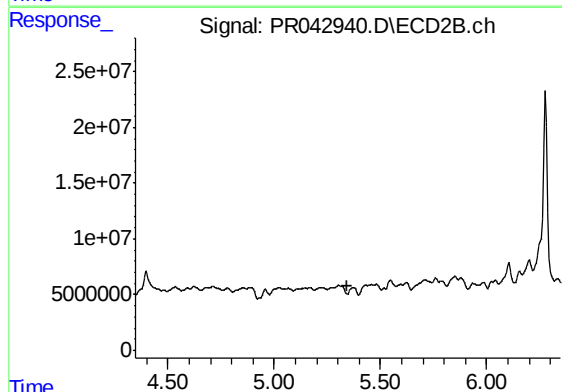
R.T.: 5.020 min
Delta R.T.: -0.066 min
Response: 21169258
Conc: 37.61 ng/ml



#19 AR-1242-4

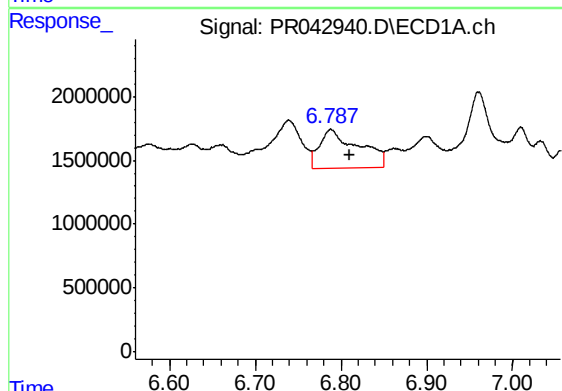
R.T.: 6.053 min
Delta R.T.: -0.020 min
Response: 5031959
Conc: 55.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



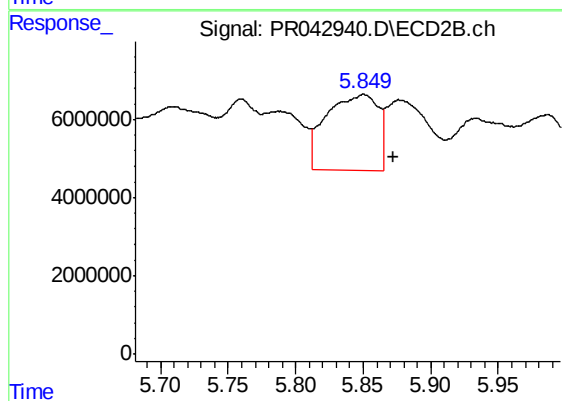
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



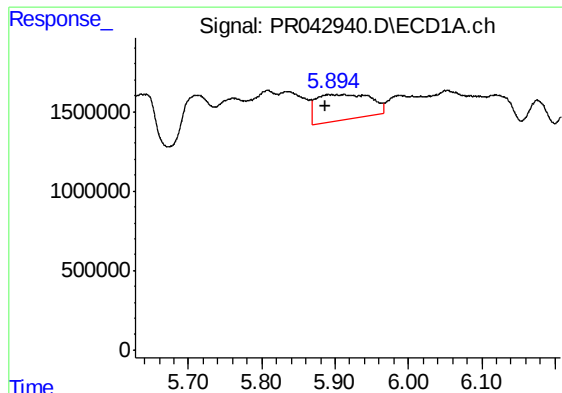
#20 AR-1242-5

R.T.: 6.788 min
Delta R.T.: -0.023 min
Response: 9710046
Conc: 97.13 ng/ml



#20 AR-1242-5

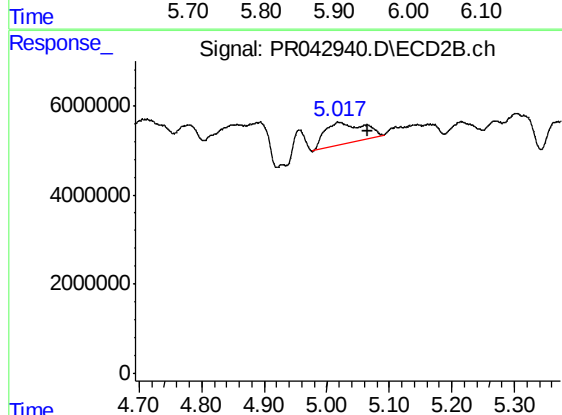
R.T.: 5.850 min
Delta R.T.: -0.023 min
Response: 51713971
Conc: 175.34 ng/ml



#21 AR-1248-1

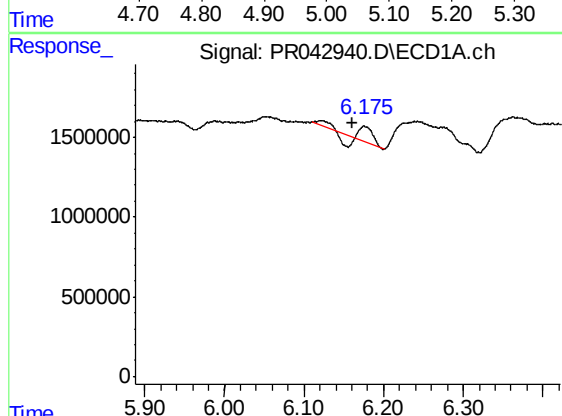
R.T.: 5.892 min
Delta R.T.: 0.005 min
Response: 8053012
Conc: 84.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



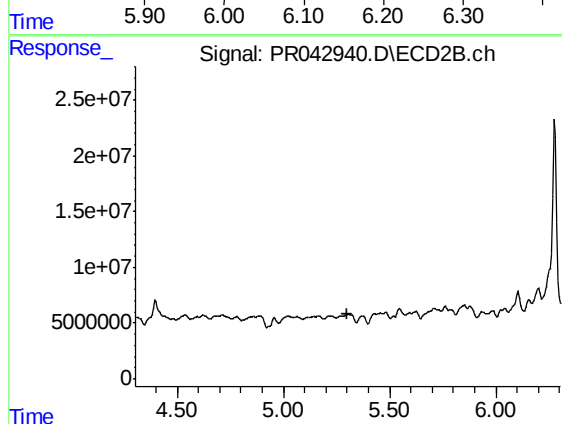
#21 AR-1248-1

R.T.: 5.020 min
Delta R.T.: -0.045 min
Response: 21169258
Conc: 67.01 ng/ml



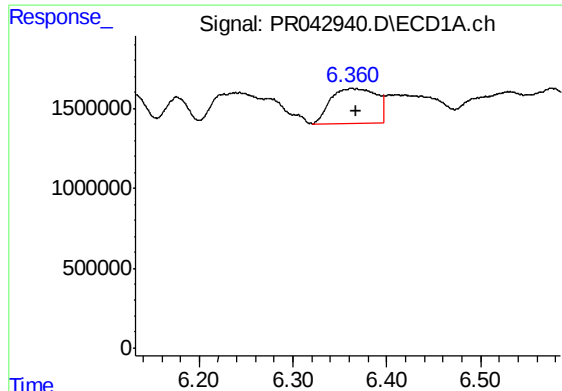
#22 AR-1248-2

R.T.: 6.176 min
Delta R.T.: 0.016 min
Response: 905193
Conc: 6.87 ng/ml



#22 AR-1248-2

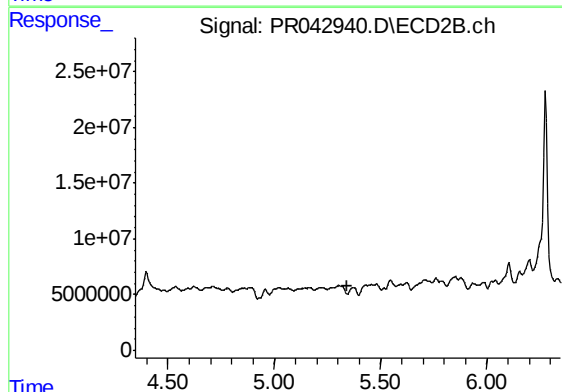
R.T.: 0.000 min
Exp R.T. : 5.303 min
Response: 0
Conc: N.D.



#23 AR-1248-3

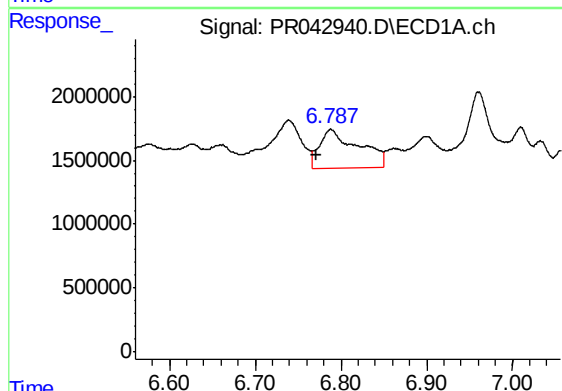
R.T.: 6.363 min
Delta R.T.: -0.004 min
Response: 7350999
Conc: 49.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



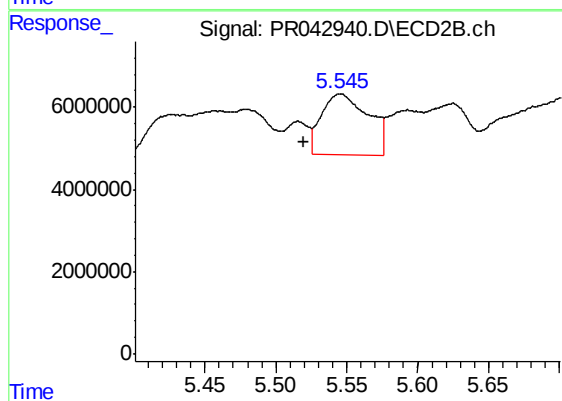
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.347 min
Response: 0
Conc: N.D.



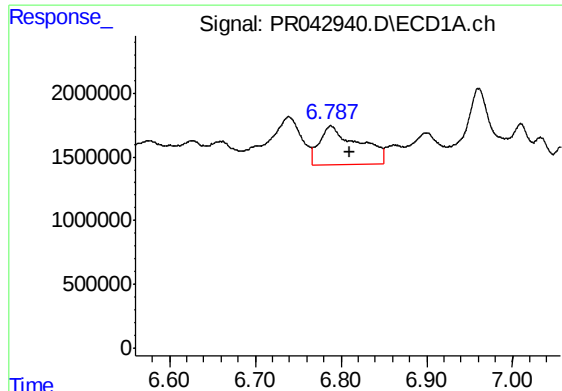
#24 AR-1248-4

R.T.: 6.788 min
Delta R.T.: 0.016 min
Response: 9710046
Conc: 56.86 ng/ml



#24 AR-1248-4

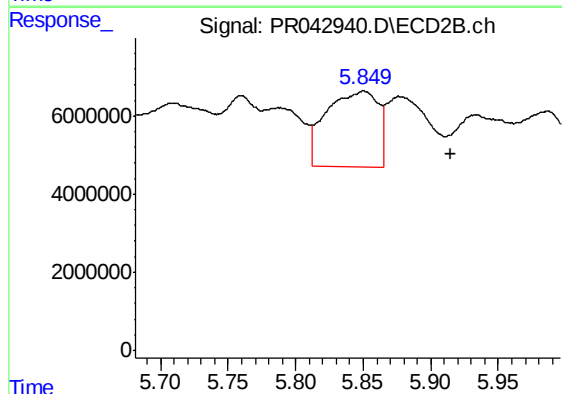
R.T.: 5.545 min
Delta R.T.: 0.026 min
Response: 33407427
Conc: 93.11 ng/ml



#25 AR-1248-5

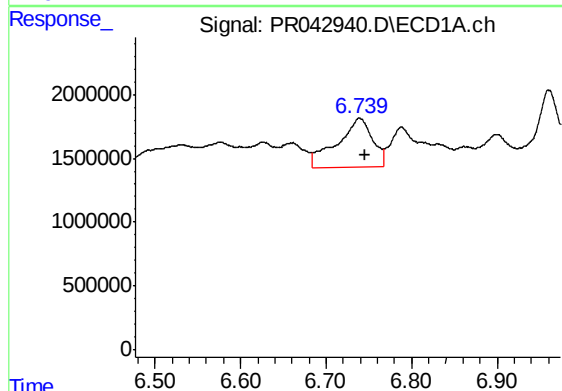
R.T.: 6.788 min
Delta R.T.: -0.023 min
Response: 9710046
Conc: 59.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



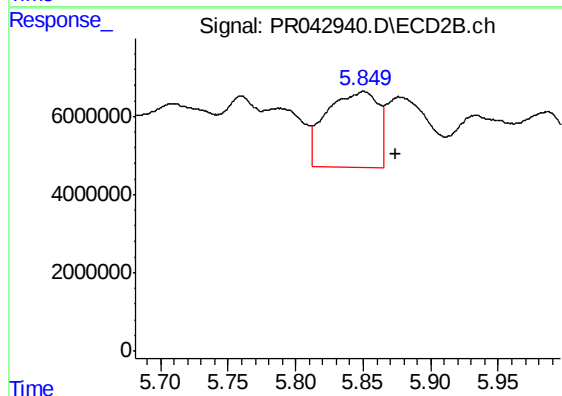
#25 AR-1248-5

R.T.: 5.850 min
Delta R.T.: -0.065 min
Response: 51713971
Conc: 133.41 ng/ml



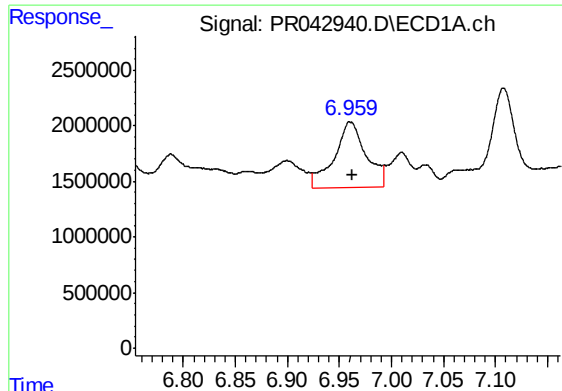
#26 AR-1254-1

R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 10908853
Conc: 58.44 ng/ml



#26 AR-1254-1

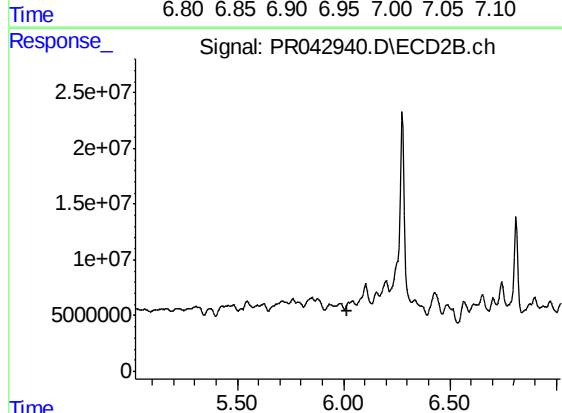
R.T.: 5.850 min
Delta R.T.: -0.024 min
Response: 51713971
Conc: 82.06 ng/ml



#27 AR-1254-2

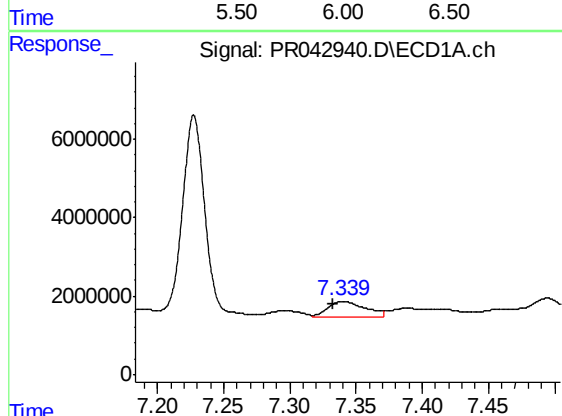
R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 12469033
Conc: 42.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



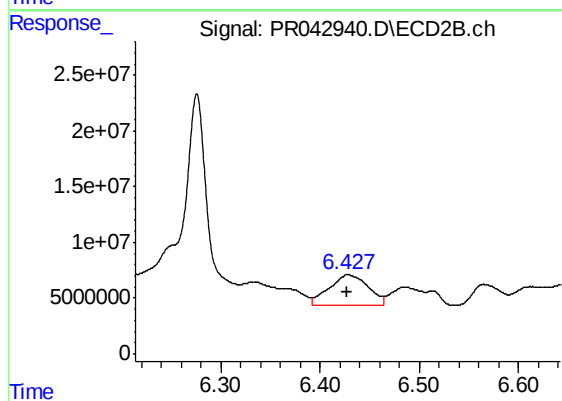
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



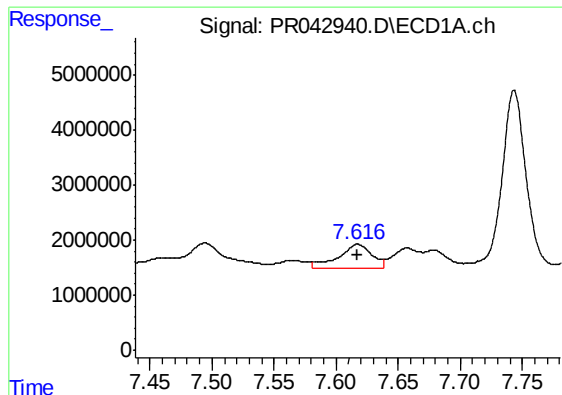
#28 AR-1254-3

R.T.: 7.340 min
Delta R.T.: 0.008 min
Response: 7648331
Conc: 24.29 ng/ml



#28 AR-1254-3

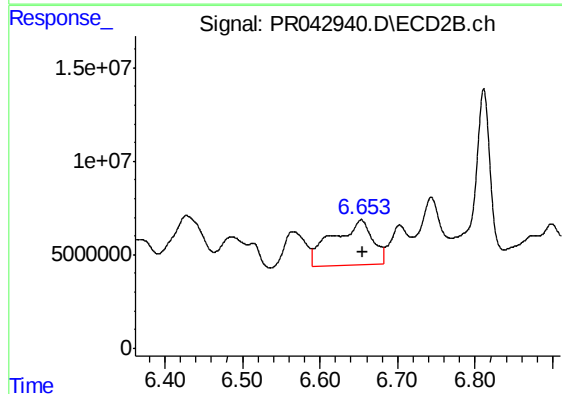
R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 74052183
Conc: 71.97 ng/ml



#29 AR-1254-4

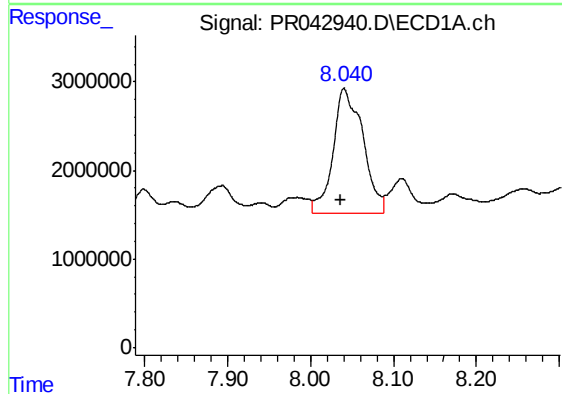
R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 8067595
Conc: 34.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



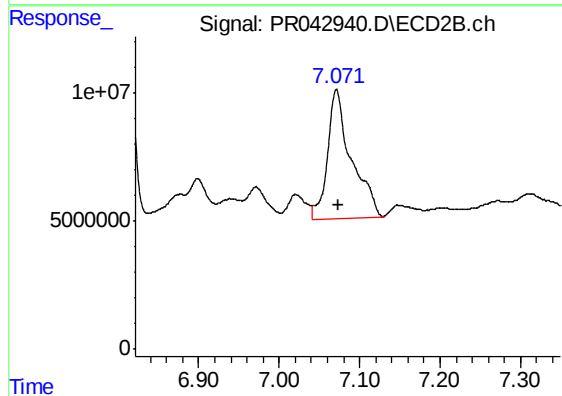
#29 AR-1254-4

R.T.: 6.653 min
Delta R.T.: -0.002 min
Response: 84955286
Conc: 111.40 ng/ml



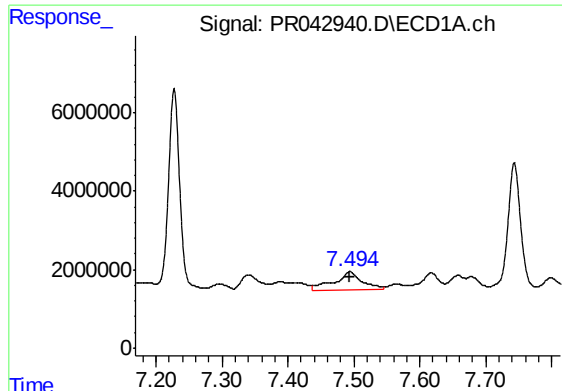
#30 AR-1254-5

R.T.: 8.041 min
Delta R.T.: 0.003 min
Response: 35042482
Conc: 139.38 ng/ml



#30 AR-1254-5

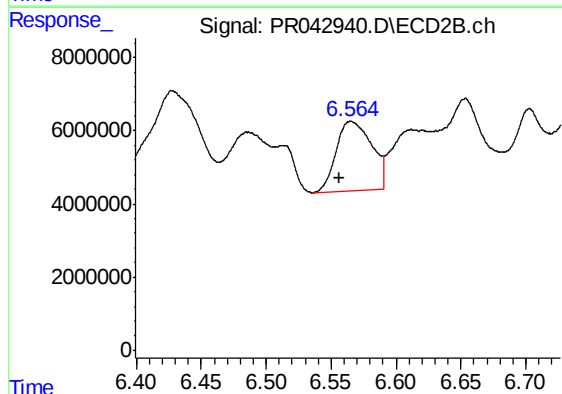
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 103501997
Conc: 112.28 ng/ml



#31 AR-1260-1

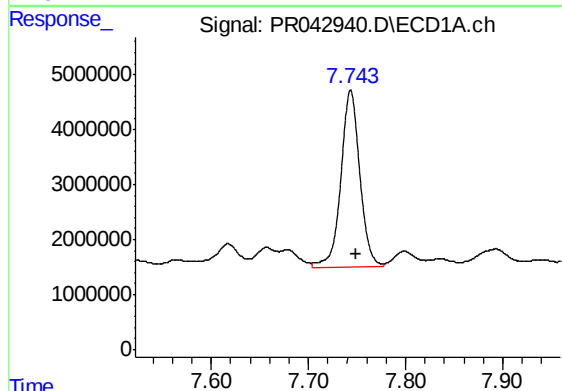
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 13698758
Conc: 65.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



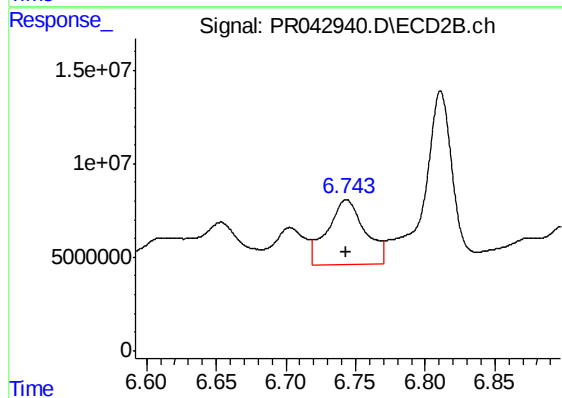
#31 AR-1260-1

R.T.: 6.566 min
Delta R.T.: 0.009 min
Response: 36079867
Conc: 59.53 ng/ml



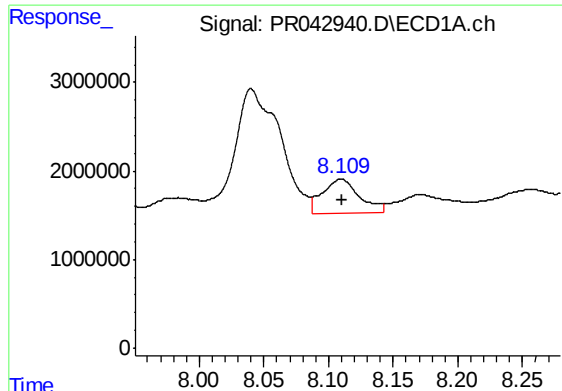
#32 AR-1260-2

R.T.: 7.744 min
Delta R.T.: -0.006 min
Response: 43494364
Conc: 177.90 ng/ml



#32 AR-1260-2

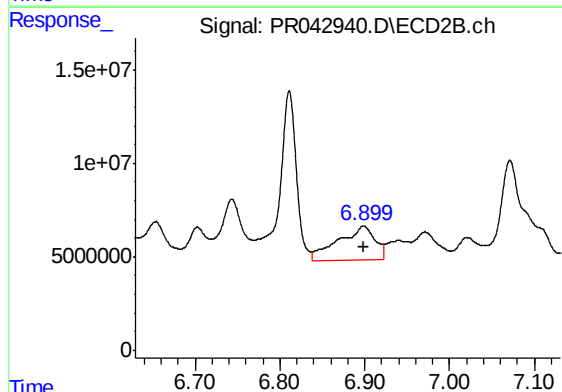
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 64858836
Conc: 75.01 ng/ml



#33 AR-1260-3

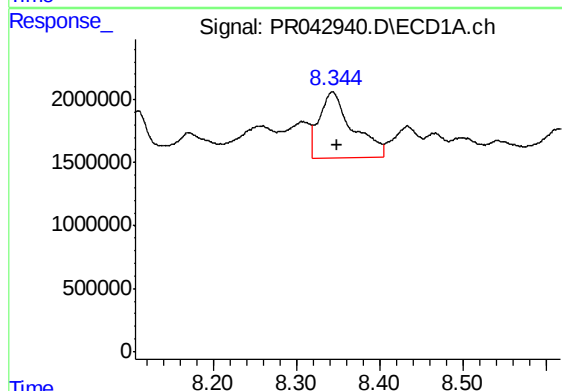
R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 7604540
Conc: 42.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



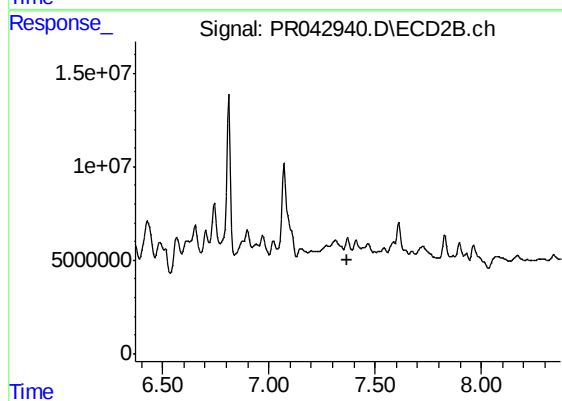
#33 AR-1260-3

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 55139804
Conc: 77.64 ng/ml



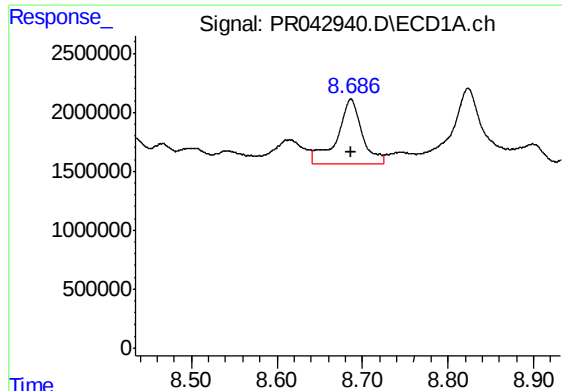
#34 AR-1260-4

R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 14349934
Conc: 68.76 ng/ml



#34 AR-1260-4

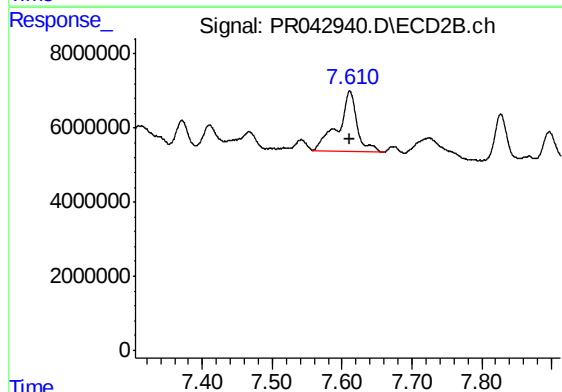
R.T.: 0.000 min
Exp R.T. : 7.373 min
Response: 0
Conc: N.D.



#35 AR-1260-5

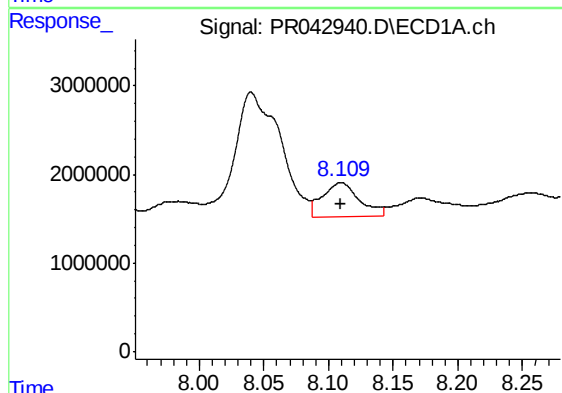
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 11214906
Conc: 27.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



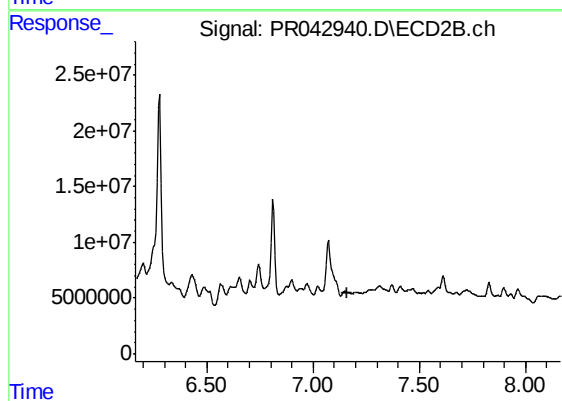
#35 AR-1260-5

R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 30528970
Conc: 18.92 ng/ml



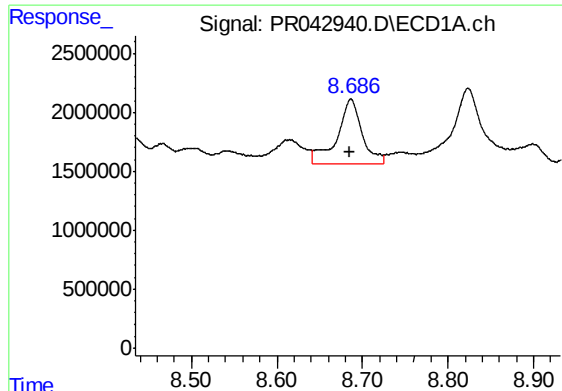
#36 AR-1262-1

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 7604540
Conc: 25.77 ng/ml



#36 AR-1262-1

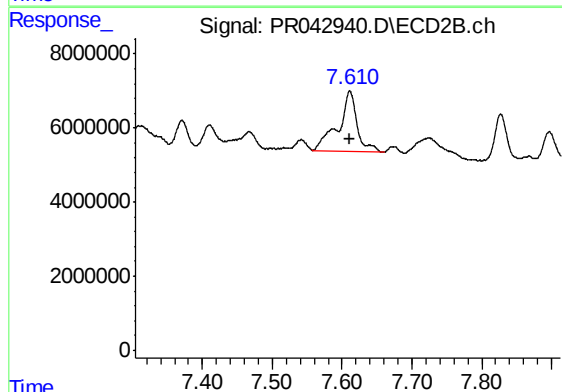
R.T.: 0.000 min
Exp R.T. : 7.164 min
Response: 0
Conc: N.D.



#37 AR-1262-2

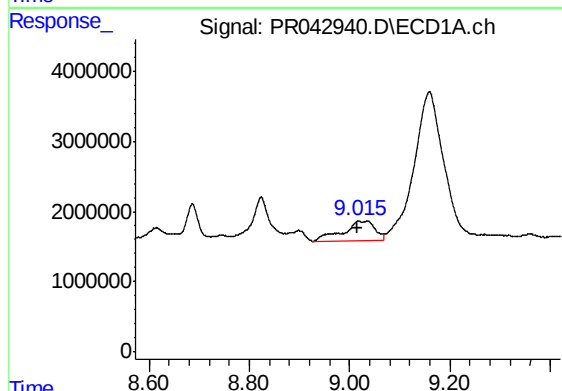
R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 11214906
Conc: 20.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



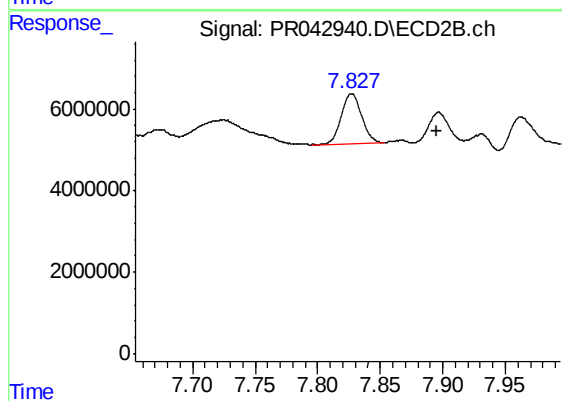
#37 AR-1262-2

R.T.: 7.611 min
Delta R.T.: 0.000 min
Response: 30528970
Conc: 14.61 ng/ml



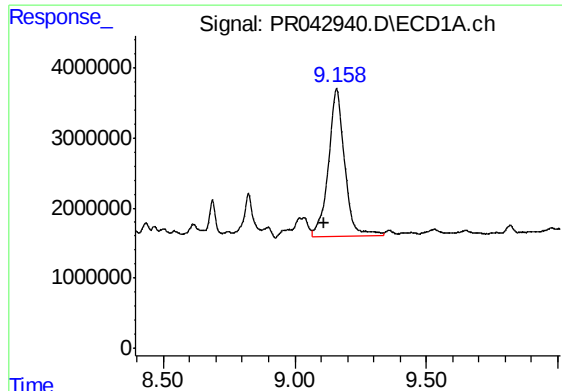
#38 AR-1262-3

R.T.: 9.017 min
Delta R.T.: 0.002 min
Response: 12406499
Conc: 34.72 ng/ml



#38 AR-1262-3

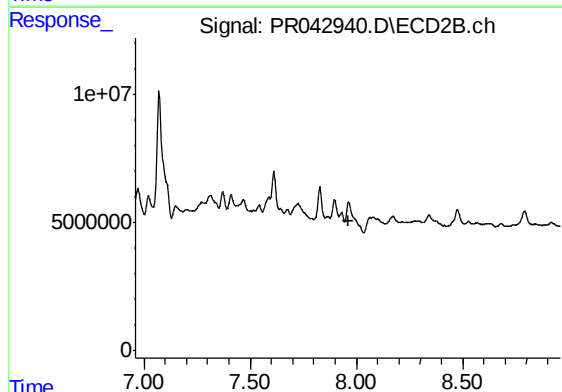
R.T.: 7.827 min
Delta R.T.: -0.068 min
Response: 13764194
Conc: 16.41 ng/ml



#39 AR-1262-4

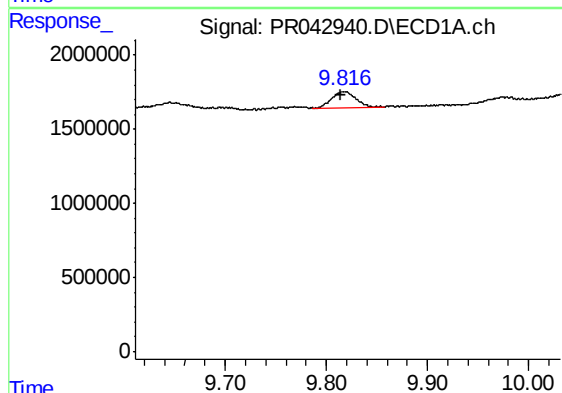
R.T.: 9.159 min
Delta R.T.: 0.047 min
Response: 90140993
Conc: 665.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



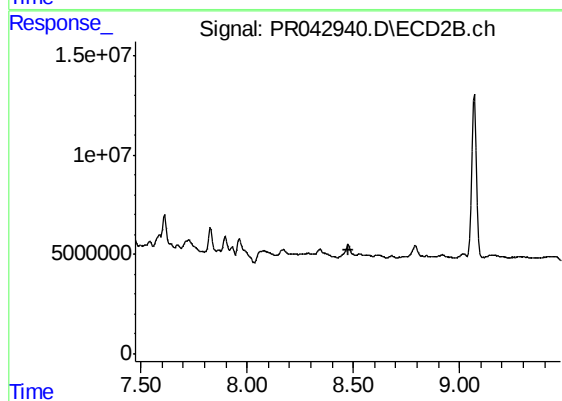
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.960 min
Response: 0
Conc: N.D.



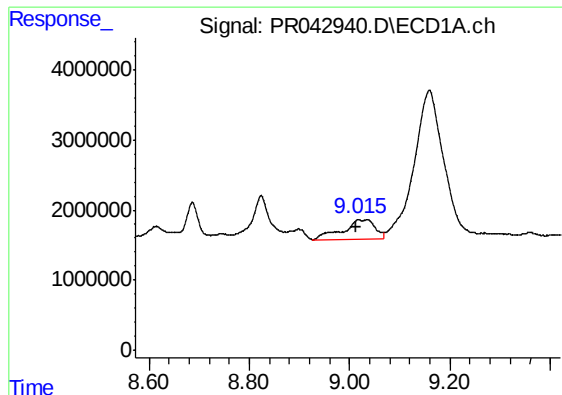
#40 AR-1262-5

R.T.: 9.817 min
Delta R.T.: 0.003 min
Response: 1805077
Conc: 9.86 ng/ml



#40 AR-1262-5

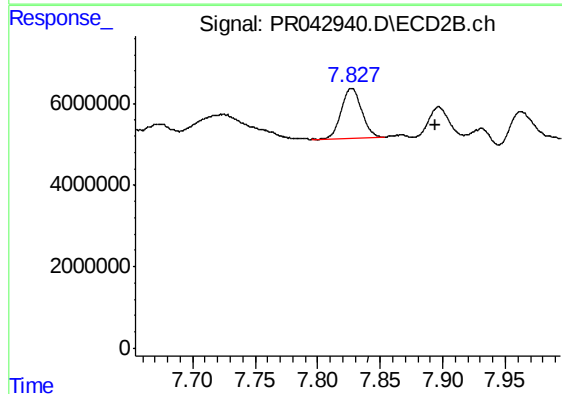
R.T.: 0.000 min
Exp R.T. : 8.475 min
Response: 0
Conc: N.D.



#41 AR-1268-1

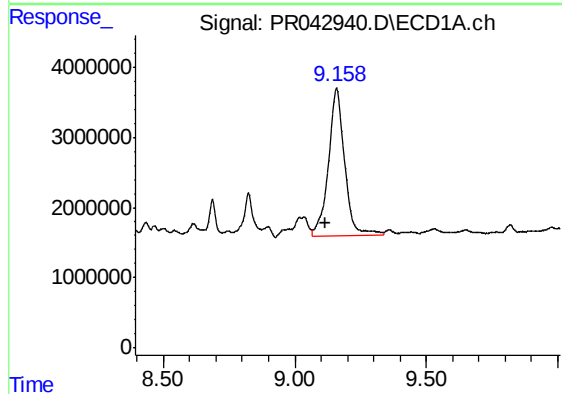
R.T.: 9.017 min
Delta R.T.: 0.005 min
Response: 12406499
Conc: 19.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



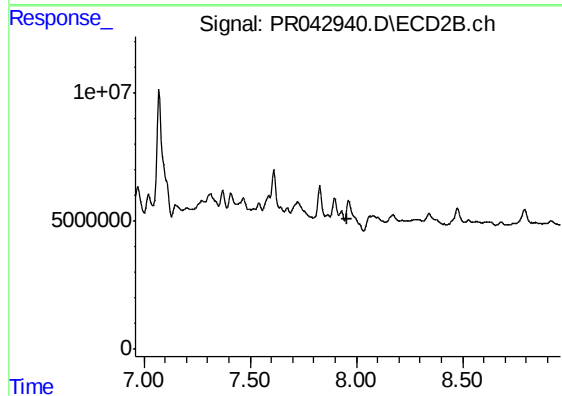
#41 AR-1268-1

R.T.: 7.827 min
Delta R.T.: -0.067 min
Response: 13764194
Conc: 5.67 ng/ml



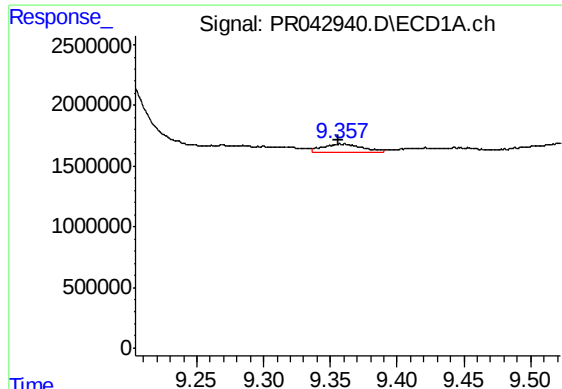
#42 AR-1268-2

R.T.: 9.159 min
Delta R.T.: 0.044 min
Response: 90140993
Conc: 156.58 ng/ml



#42 AR-1268-2

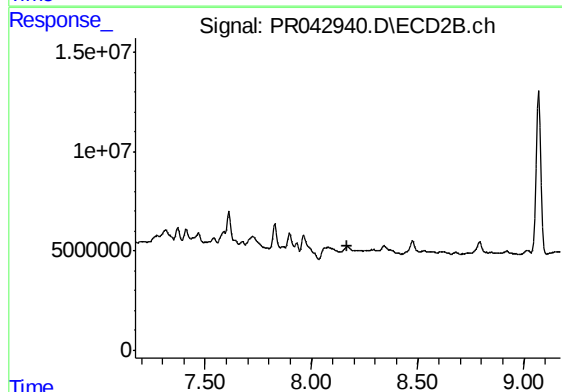
R.T.: 0.000 min
Exp R.T. : 7.960 min
Response: 0
Conc: N.D.



#43 AR-1268-3

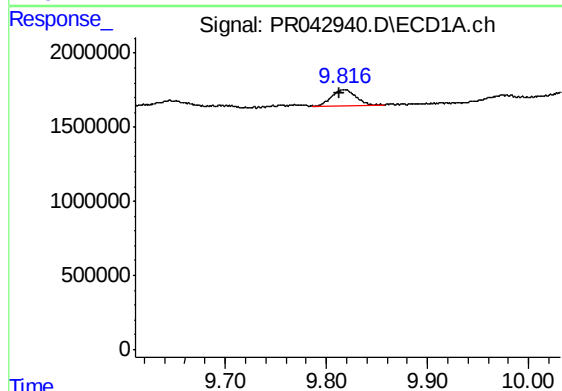
R.T.: 9.359 min
Delta R.T.: 0.002 min
Response: 1513515
Conc: 3.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



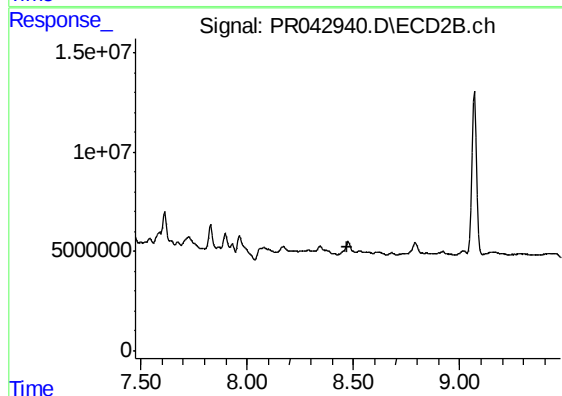
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.172 min
Response: 0
Conc: N.D.



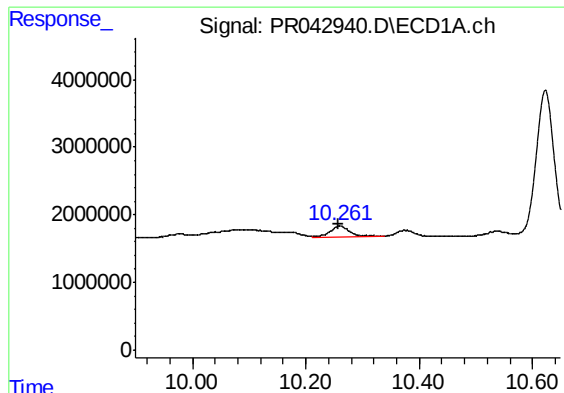
#44 AR-1268-4

R.T.: 9.817 min
Delta R.T.: 0.004 min
Response: 1805077
Conc: 8.80 ng/ml



#44 AR-1268-4

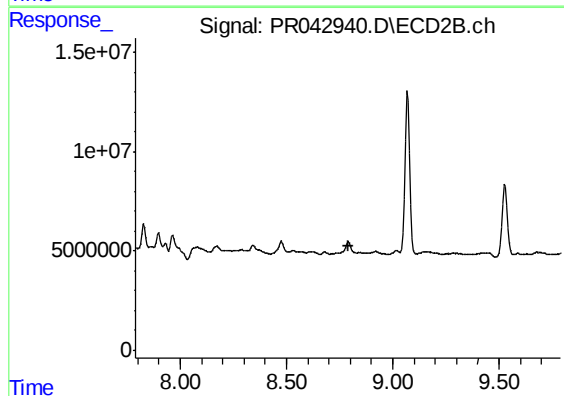
R.T.: 0.000 min
Exp R.T. : 8.474 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.260 min
Delta R.T.: 0.004 min
Response: 4186236
Conc: 2.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
19ARE



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.789 min
Response: 0
Conc: N.D.