

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110719\
 Data File : PR042981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2019 03:14
 Operator : SM\AJ
 Sample : K5683-02RE
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 08:26:40 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...	4.720	3.986	34444670	79010231	5.844	3.940 #
2)	SA Decachlor...	10.619	9.055	4242892	65222801	1.060	5.190 #
Target Compounds							
3)	L1 AR-1016-1	5.886	5.059	15556079	27779444	86.710	47.885 #
4)	L1 AR-1016-2	5.932	5.097	14816371	80666655	59.458	102.933 #
5)	L1 AR-1016-3	5.961	5.275	11445746	20490390	76.104	55.727 #
6)	L1 AR-1016-4	6.082	5.328	20452610	32883104	162.970	119.949 #
7)	L1 AR-1016-5	6.373	0.000	48520664	0	391.808	N.D. #
8)	L2 AR-1221-1	4.944	4.211	9873591	15578687	205.772	86.113 #
9)	L2 AR-1221-2	5.031	4.276	4758328	8802892	127.914	66.563 #
10)	L2 AR-1221-3	5.063	4.317	9431504	36070776	81.649	87.213
11)	L3 AR-1232-1	5.063	4.317	9431504	36070776	59.030	62.493
12)	L3 AR-1232-2	5.604	5.097	16784283	80666655	198.654	146.927 #
13)	L3 AR-1232-3	5.932	5.275	14816371	20490390	86.036	79.192
14)	L3 AR-1232-4	6.082	5.328	20452610	32883104	239.167	163.653 #
15)	L3 AR-1232-5	6.181	0.000	87332147	0	1348.317	N.D. #
16)	L4 AR-1242-1	5.886	5.059	15556079	27779444	122.021	66.581 #
17)	L4 AR-1242-2	5.932	5.097	14816371	80666655	82.595	143.312 #
18)	L4 AR-1242-3	5.961	5.275	11445746	20490390	105.917	75.440 #
19)	L4 AR-1242-4	6.082	5.328	20452610	32883104	226.940	139.524 #
20)	L4 AR-1242-5	6.811	5.866	11293988	26582791	112.980	90.132
21)	L5 AR-1248-1	5.886	5.059	15556079	27779444	163.966	87.928 #
22)	L5 AR-1248-2	6.181	5.328	87332147	32883104	662.678	99.086 #
23)	L5 AR-1248-3	6.373	5.328	48520664	32883104	327.639	100.206 #
24)	L5 AR-1248-4	6.771	0.000	75143953	0	440.059	N.D. #
25)	L5 AR-1248-5	6.811	5.936	11293988	30414058	69.643	78.459
26)	L6 AR-1254-1	6.727	5.866	40534378	26582791	217.149	42.183 #
27)	L6 AR-1254-2	6.915	5.998	89209775	52037286	305.605	89.070 #
28)	L6 AR-1254-3	7.351	6.477	140.6E6	50516272	446.364	49.094 #
29)	L6 AR-1254-4	7.638	6.649	45198358	60244212	192.847	79.000 #
30)	L6 AR-1254-5	8.037	7.039	60456984	15848923	240.463	17.193 #
31)	L7 AR-1260-1	7.500	6.578	55897580	40086008	268.861	66.138 #
32)	L7 AR-1260-2	7.752	6.727	71791383	84496777	293.645	97.720 #
33)	L7 AR-1260-3	8.118	6.936	56348978	70098649	311.723	98.704 #
34)	L7 AR-1260-4	8.344	0.000	113.2E6	0	542.538	N.D. #
35)	L7 AR-1260-5	8.674	7.597	35447714	29393406	85.498	18.219 #
36)	L8 AR-1262-1	8.118	7.155	56348978	245.4E6	190.956	564.948 #
37)	L8 AR-1262-2	8.674	7.597	35447714	29393406	63.650	14.064 #
38)	L8 AR-1262-3	8.997	7.933	25417998	105.3E6	71.127	125.568 #
39)	L8 AR-1262-4	9.125	7.933	31234458	105.3E6	230.517	74.653 #
40)	L8 AR-1262-5	9.784	0.000	35769731	0	195.292	N.D. #
41)	L9 AR-1268-1	8.997	7.933	25417998	105.3E6	40.055	43.369

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 Operator : SM\AJ
 Sample : K5683-02RE
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

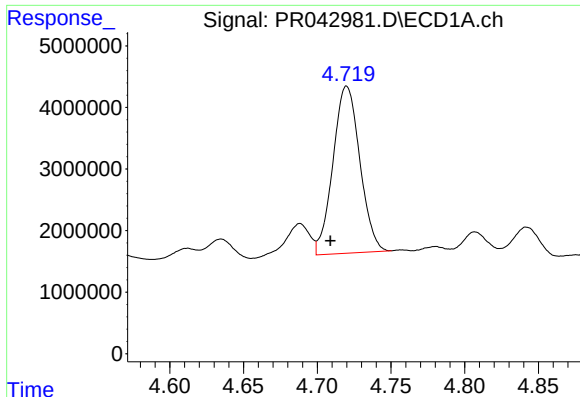
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 08:26:40 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
42) L9	AR-1268-2	9.125	7.933	31234458	105.3E6	54.257	49.018
43) L9	AR-1268-3	9.379	8.200	31304880	36499329	66.428	20.121 #
44) L9	AR-1268-4	9.784	0.000	35769731	0	174.314	N.D. #
45) L9	AR-1268-5	10.322	8.768	18340613	13872400	11.717	2.693 #

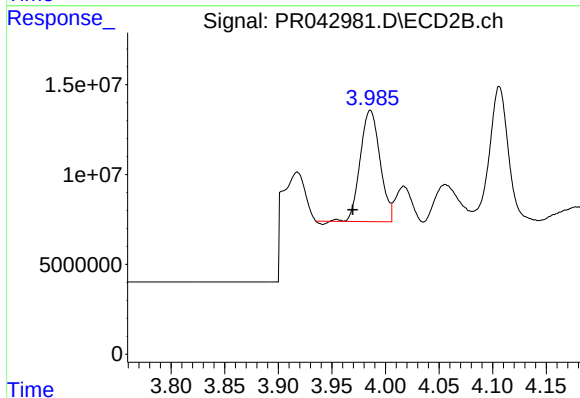
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

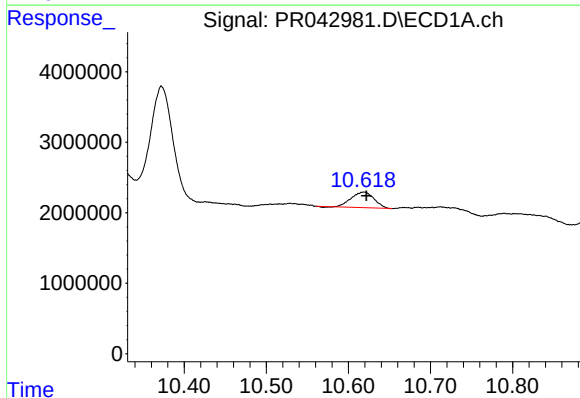
R.T.: 4.720 min
Delta R.T.: 0.011 min
Response: 34444670
Conc: 5.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



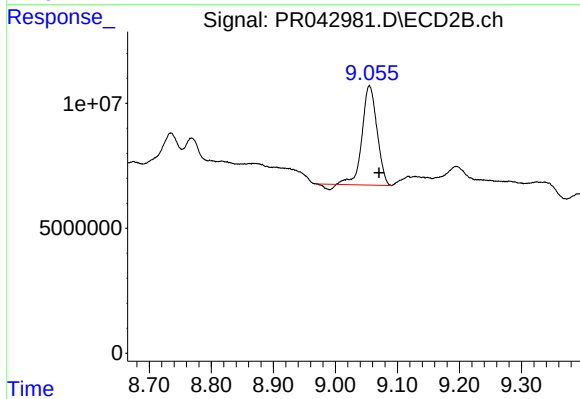
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.017 min
Response: 79010231
Conc: 3.94 ng/ml



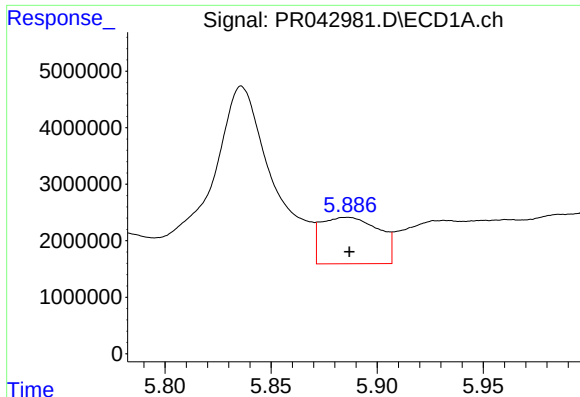
#2 Decachlorobiphenyl

R.T.: 10.619 min
Delta R.T.: -0.003 min
Response: 4242892
Conc: 1.06 ng/ml



#2 Decachlorobiphenyl

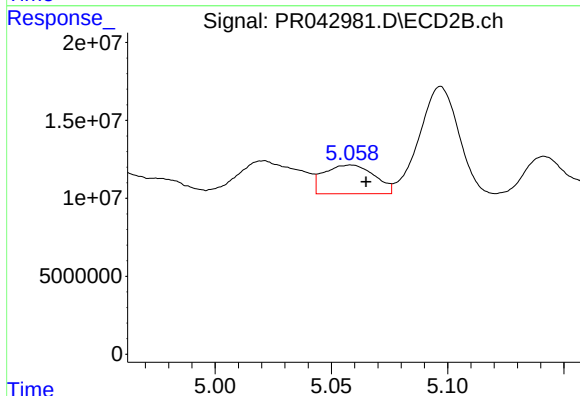
R.T.: 9.055 min
Delta R.T.: -0.015 min
Response: 65222801
Conc: 5.19 ng/ml



#3 AR-1016-1

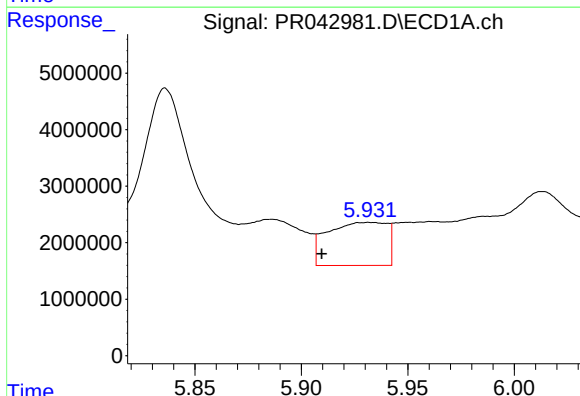
R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 15556079
Conc: 86.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



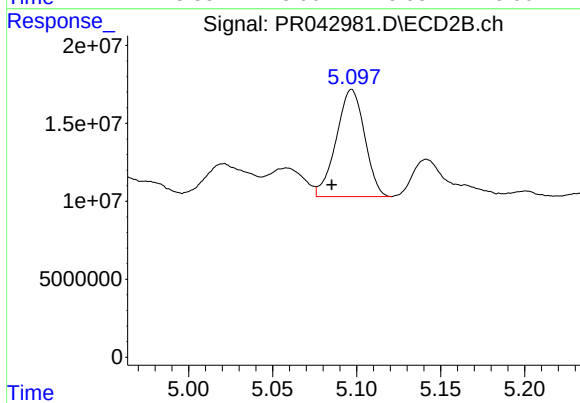
#3 AR-1016-1

R.T.: 5.059 min
Delta R.T.: -0.006 min
Response: 27779444
Conc: 47.88 ng/ml



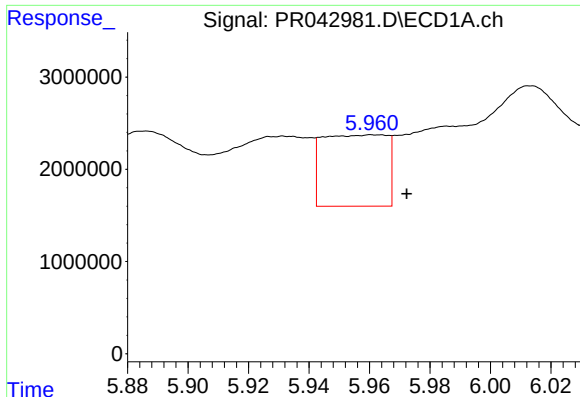
#4 AR-1016-2

R.T.: 5.932 min
Delta R.T.: 0.022 min
Response: 14816371
Conc: 59.46 ng/ml



#4 AR-1016-2

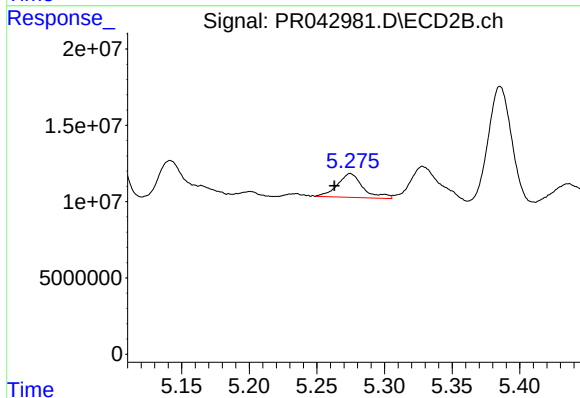
R.T.: 5.097 min
Delta R.T.: 0.012 min
Response: 80666655
Conc: 102.93 ng/ml



#5 AR-1016-3

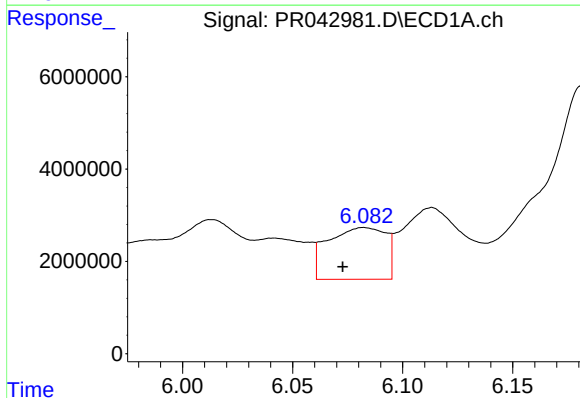
R.T.: 5.961 min
Delta R.T.: -0.011 min
Response: 11445746
Conc: 76.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



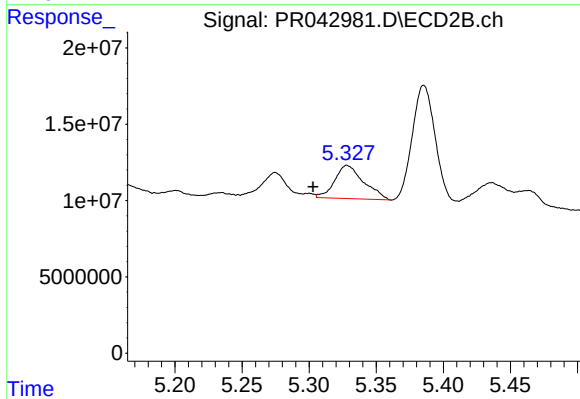
#5 AR-1016-3

R.T.: 5.275 min
Delta R.T.: 0.012 min
Response: 20490390
Conc: 55.73 ng/ml



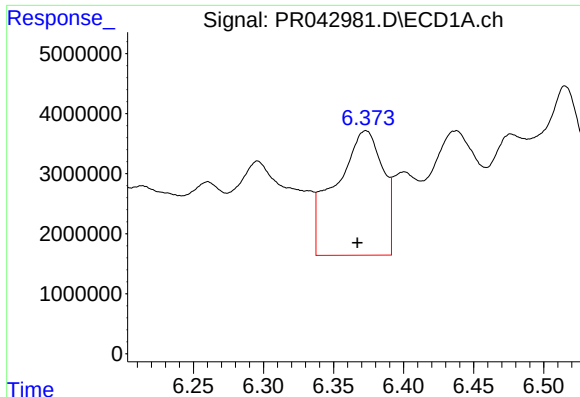
#6 AR-1016-4

R.T.: 6.082 min
Delta R.T.: 0.010 min
Response: 20452610
Conc: 162.97 ng/ml



#6 AR-1016-4

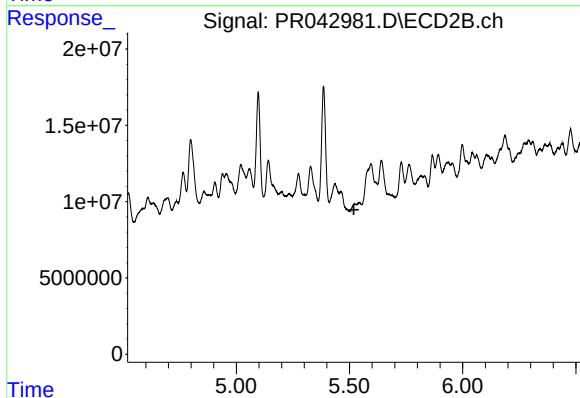
R.T.: 5.328 min
Delta R.T.: 0.025 min
Response: 32883104
Conc: 119.95 ng/ml



#7 AR-1016-5

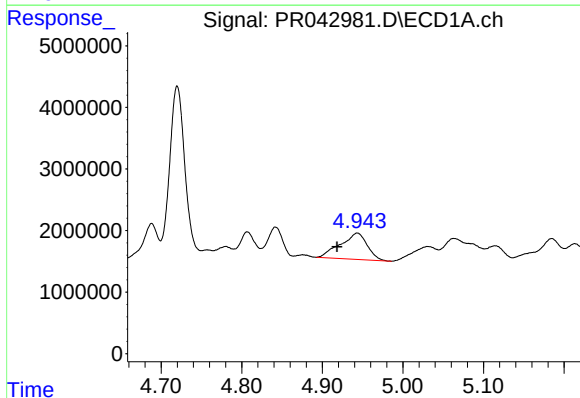
R.T.: 6.373 min
Delta R.T.: 0.006 min
Response: 48520664
Conc: 391.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



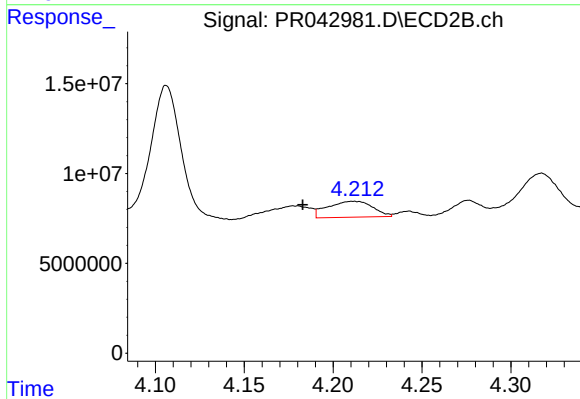
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.520 min
Response: 0
Conc: N.D.



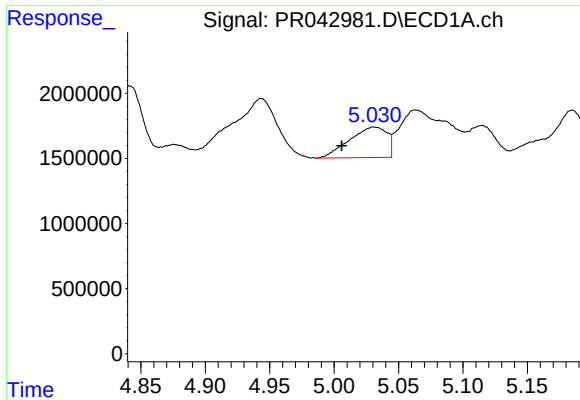
#8 AR-1221-1

R.T.: 4.944 min
Delta R.T.: 0.025 min
Response: 9873591
Conc: 205.77 ng/ml



#8 AR-1221-1

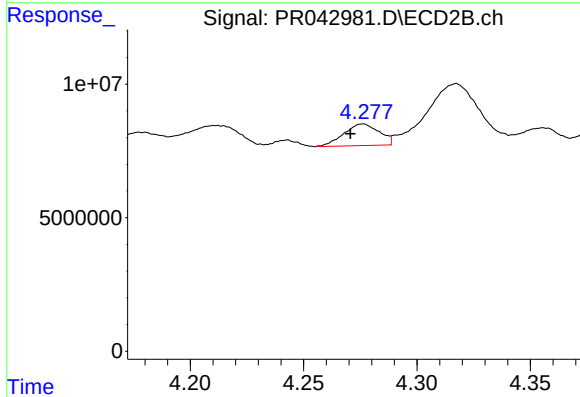
R.T.: 4.211 min
Delta R.T.: 0.029 min
Response: 15578687
Conc: 86.11 ng/ml



#9 AR-1221-2

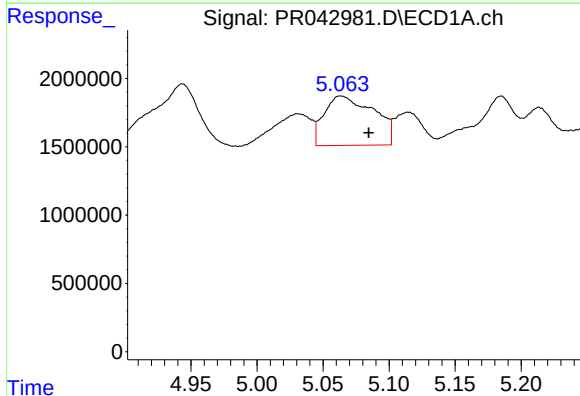
R.T.: 5.031 min
Delta R.T.: 0.025 min
Response: 4758328
Conc: 127.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



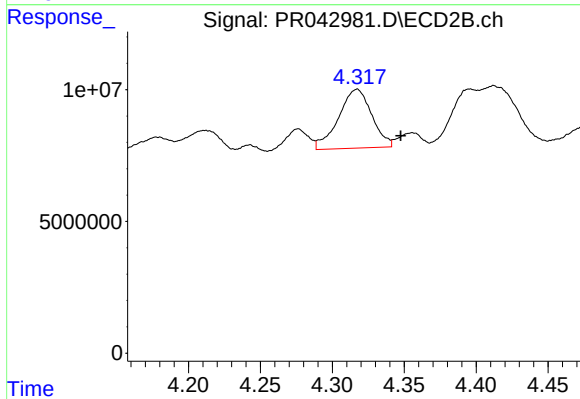
#9 AR-1221-2

R.T.: 4.276 min
Delta R.T.: 0.006 min
Response: 8802892
Conc: 66.56 ng/ml



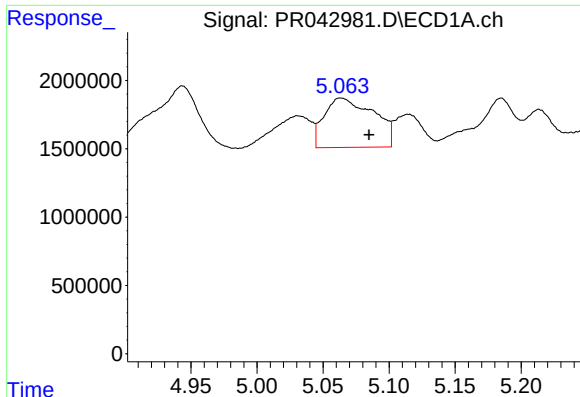
#10 AR-1221-3

R.T.: 5.063 min
Delta R.T.: -0.021 min
Response: 9431504
Conc: 81.65 ng/ml



#10 AR-1221-3

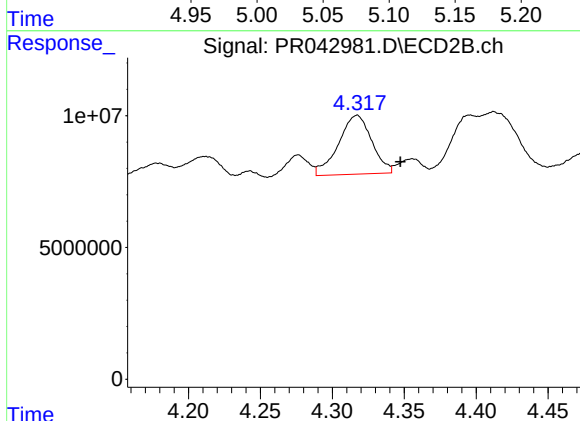
R.T.: 4.317 min
Delta R.T.: -0.030 min
Response: 36070776
Conc: 87.21 ng/ml



#11 AR-1232-1

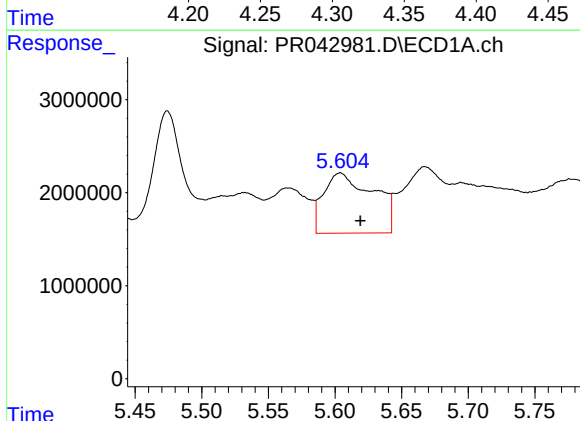
R.T.: 5.063 min
Delta R.T.: -0.021 min
Response: 9431504
Conc: 59.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



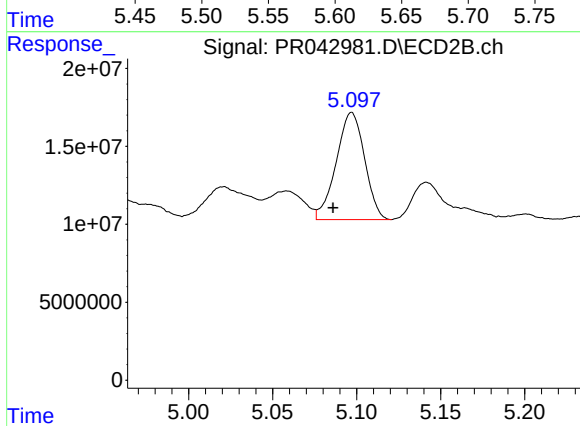
#11 AR-1232-1

R.T.: 4.317 min
Delta R.T.: -0.030 min
Response: 36070776
Conc: 62.49 ng/ml



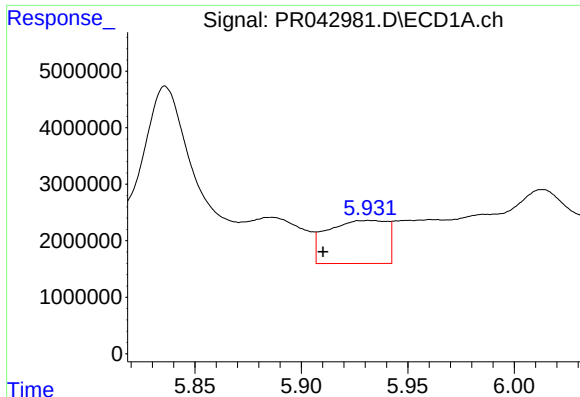
#12 AR-1232-2

R.T.: 5.604 min
Delta R.T.: -0.015 min
Response: 16784283
Conc: 198.65 ng/ml



#12 AR-1232-2

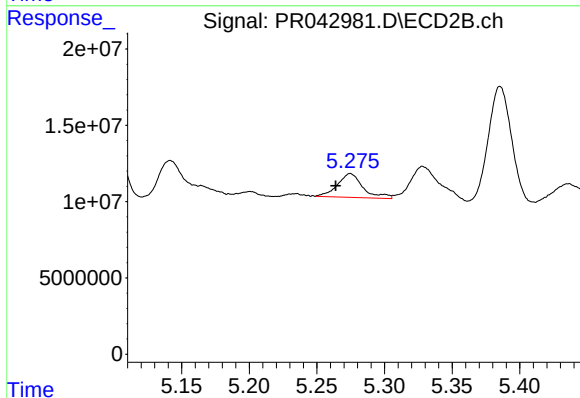
R.T.: 5.097 min
Delta R.T.: 0.011 min
Response: 80666655
Conc: 146.93 ng/ml



#13 AR-1232-3

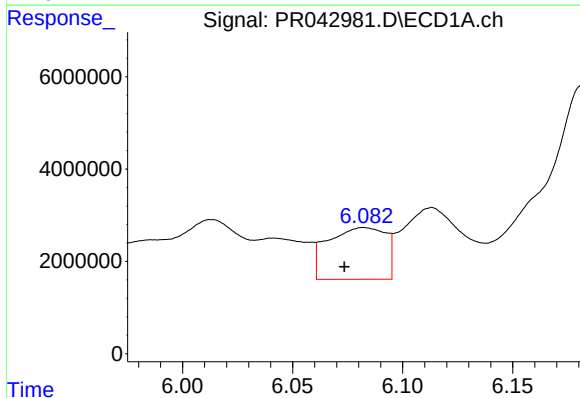
R.T.: 5.932 min
Delta R.T.: 0.022 min
Response: 14816371
Conc: 86.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



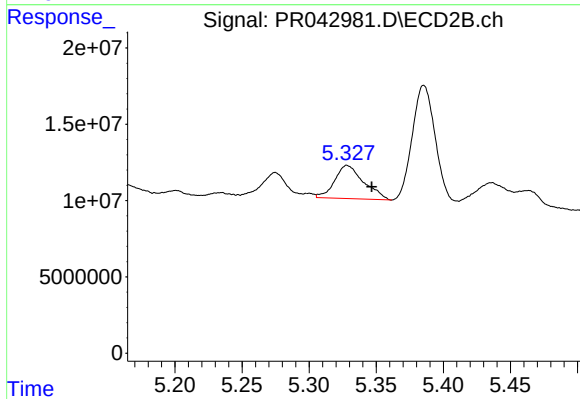
#13 AR-1232-3

R.T.: 5.275 min
Delta R.T.: 0.011 min
Response: 20490390
Conc: 79.19 ng/ml



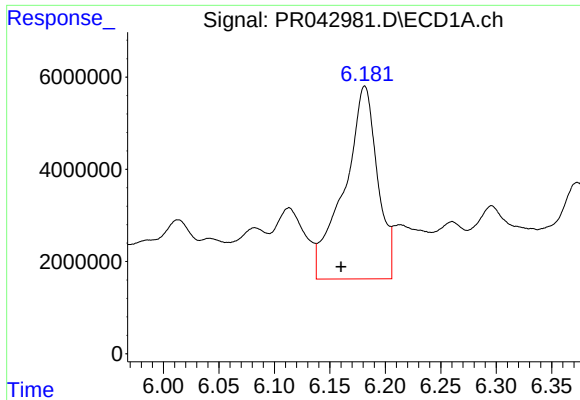
#14 AR-1232-4

R.T.: 6.082 min
Delta R.T.: 0.009 min
Response: 20452610
Conc: 239.17 ng/ml



#14 AR-1232-4

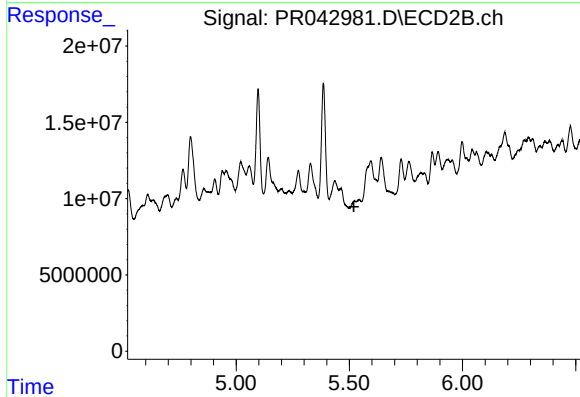
R.T.: 5.328 min
Delta R.T.: -0.018 min
Response: 32883104
Conc: 163.65 ng/ml



#15 AR-1232-5

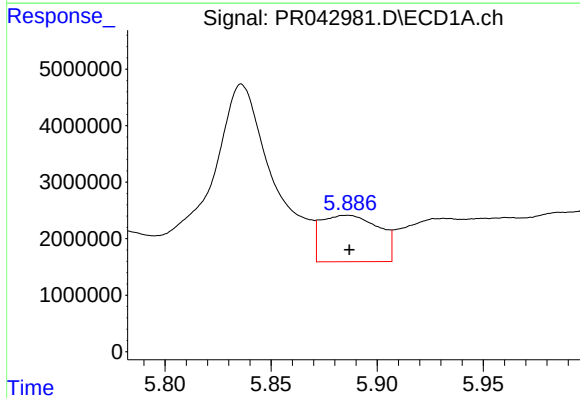
R.T.: 6.181 min
Delta R.T.: 0.021 min
Response: 87332147
Conc: 1348.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



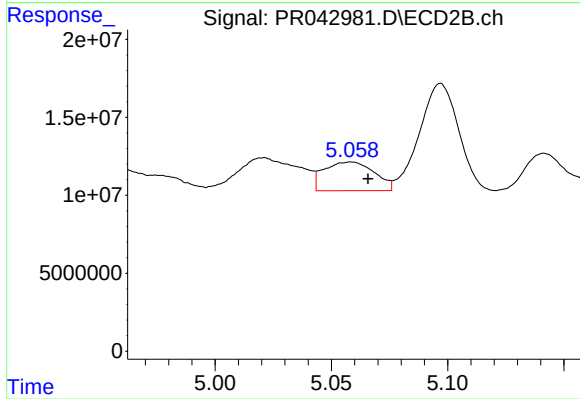
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.520 min
Response: 0
Conc: N.D.



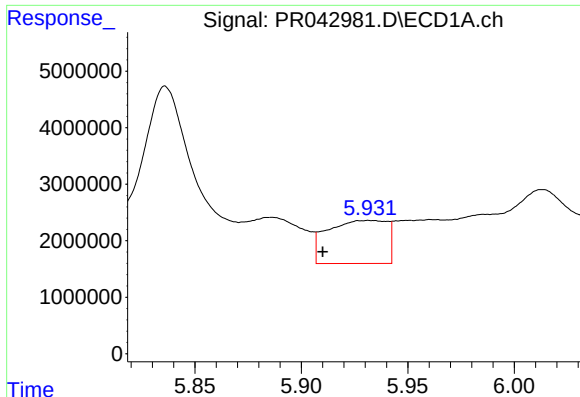
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 15556079
Conc: 122.02 ng/ml



#16 AR-1242-1

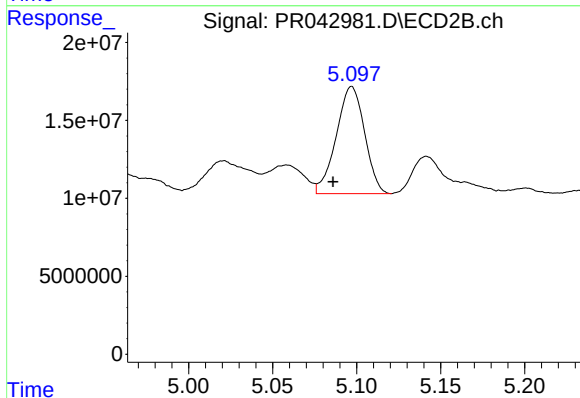
R.T.: 5.059 min
Delta R.T.: -0.007 min
Response: 27779444
Conc: 66.58 ng/ml



#17 AR-1242-2

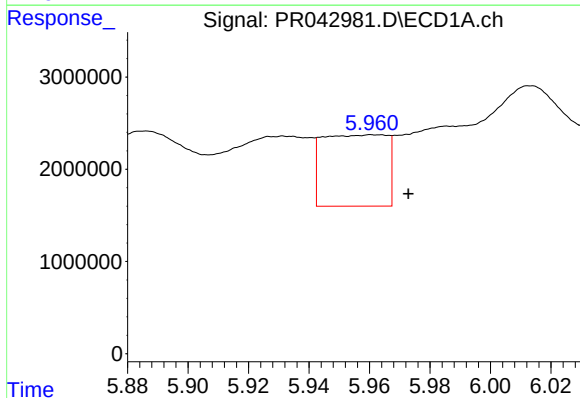
R.T.: 5.932 min
Delta R.T.: 0.022 min
Response: 14816371
Conc: 82.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



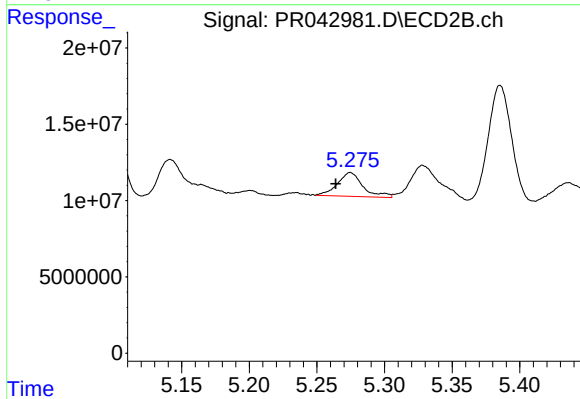
#17 AR-1242-2

R.T.: 5.097 min
Delta R.T.: 0.011 min
Response: 80666655
Conc: 143.31 ng/ml



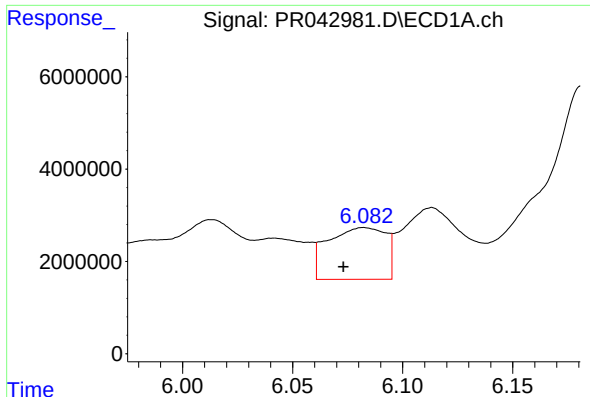
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: -0.011 min
Response: 11445746
Conc: 105.92 ng/ml



#18 AR-1242-3

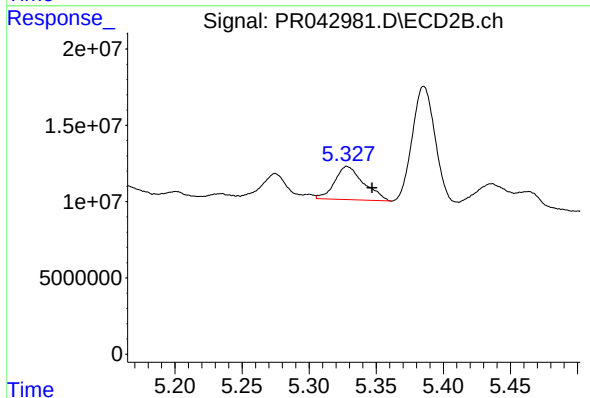
R.T.: 5.275 min
Delta R.T.: 0.011 min
Response: 20490390
Conc: 75.44 ng/ml



#19 AR-1242-4

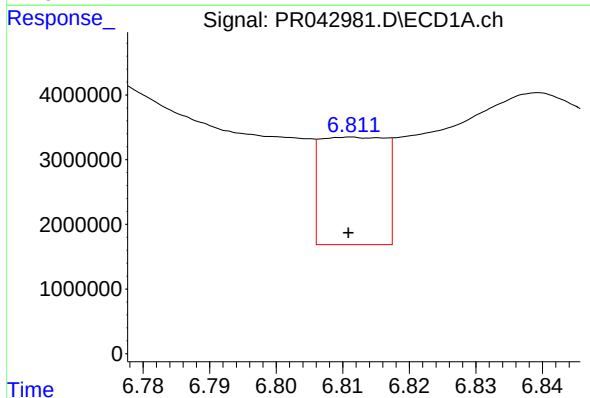
R.T.: 6.082 min
Delta R.T.: 0.009 min
Response: 20452610
Conc: 226.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



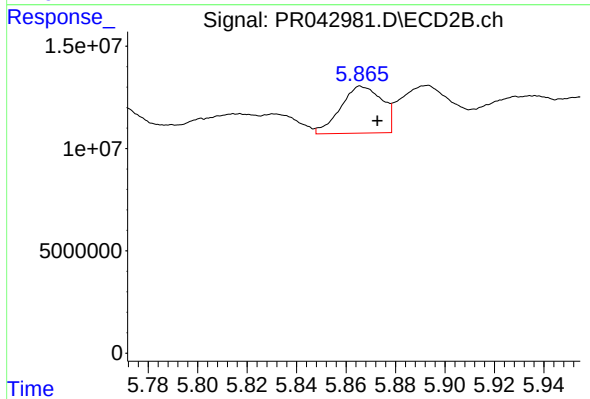
#19 AR-1242-4

R.T.: 5.328 min
Delta R.T.: -0.019 min
Response: 32883104
Conc: 139.52 ng/ml



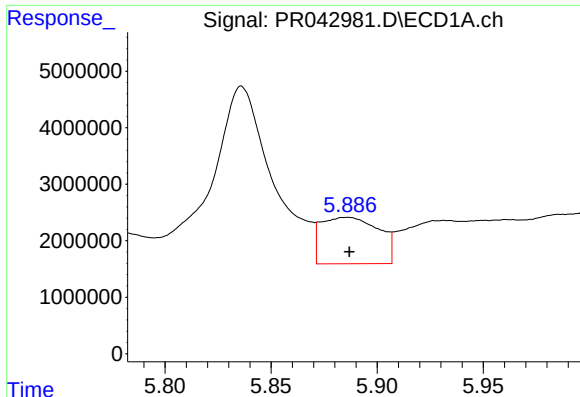
#20 AR-1242-5

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 11293988
Conc: 112.98 ng/ml



#20 AR-1242-5

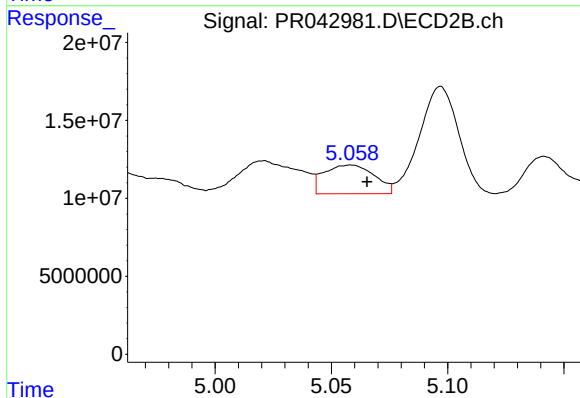
R.T.: 5.866 min
Delta R.T.: -0.006 min
Response: 26582791
Conc: 90.13 ng/ml



#21 AR-1248-1

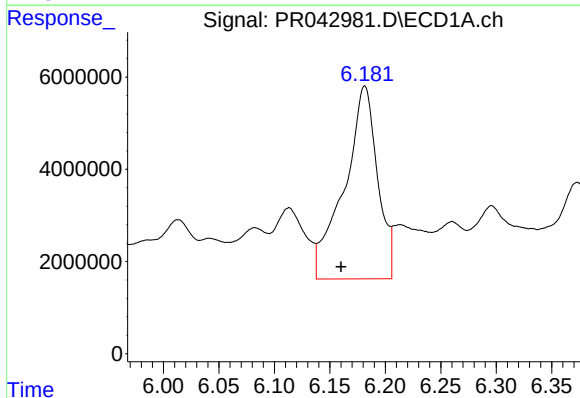
R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 15556079
Conc: 163.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



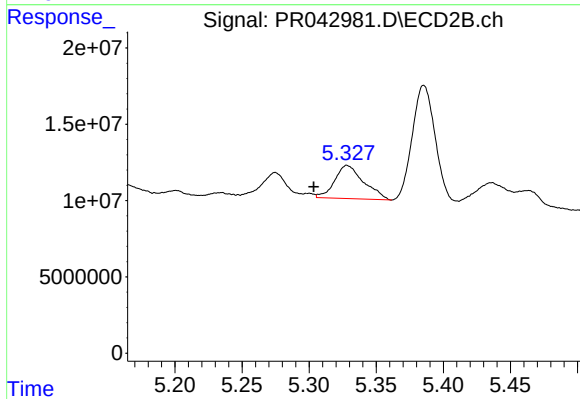
#21 AR-1248-1

R.T.: 5.059 min
Delta R.T.: -0.007 min
Response: 27779444
Conc: 87.93 ng/ml



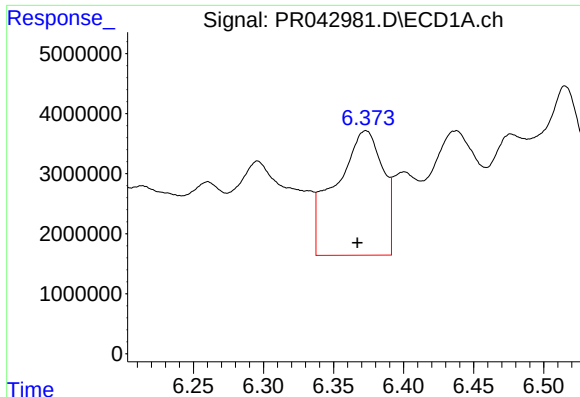
#22 AR-1248-2

R.T.: 6.181 min
Delta R.T.: 0.021 min
Response: 87332147
Conc: 662.68 ng/ml



#22 AR-1248-2

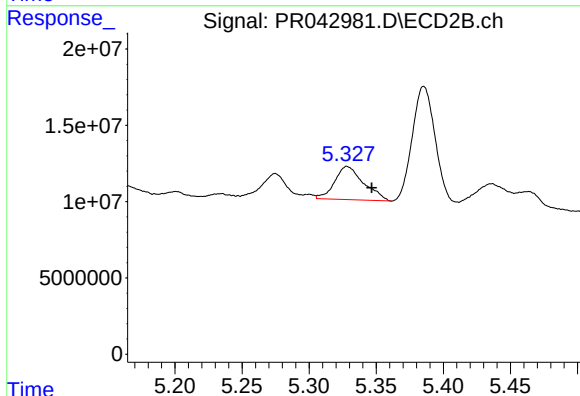
R.T.: 5.328 min
Delta R.T.: 0.025 min
Response: 32883104
Conc: 99.09 ng/ml



#23 AR-1248-3

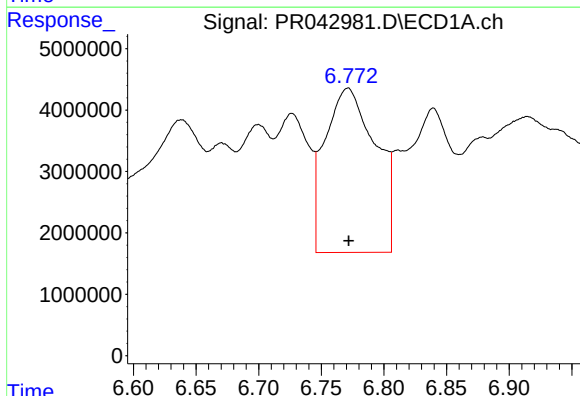
R.T.: 6.373 min
Delta R.T.: 0.006 min
Response: 48520664
Conc: 327.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



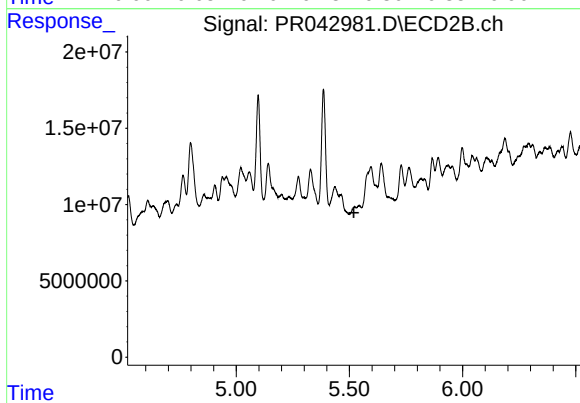
#23 AR-1248-3

R.T.: 5.328 min
Delta R.T.: -0.018 min
Response: 32883104
Conc: 100.21 ng/ml



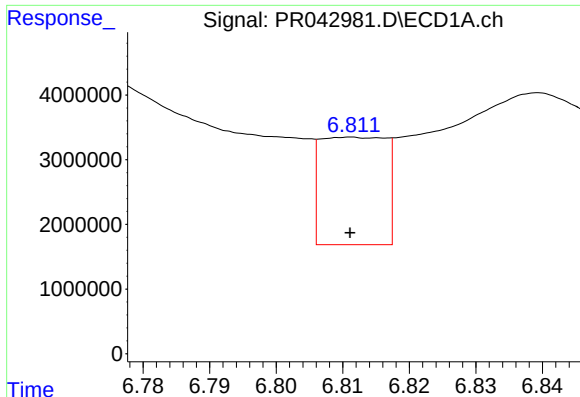
#24 AR-1248-4

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 75143953
Conc: 440.06 ng/ml



#24 AR-1248-4

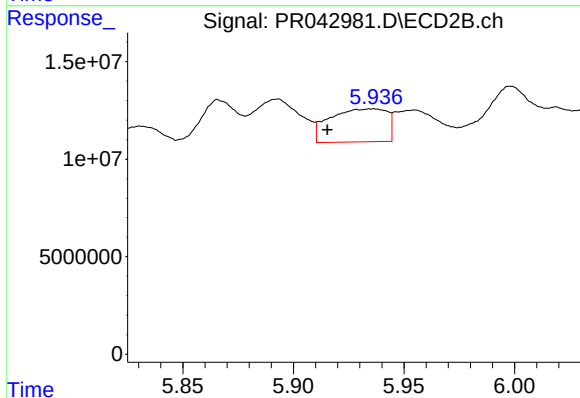
R.T.: 0.000 min
Exp R.T.: 5.520 min
Response: 0
Conc: N.D.



#25 AR-1248-5

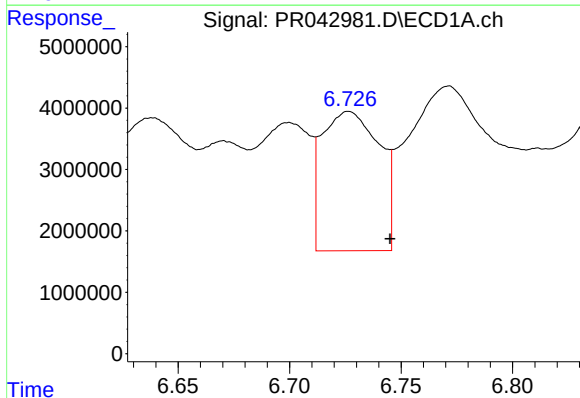
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 11293988
Conc: 69.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



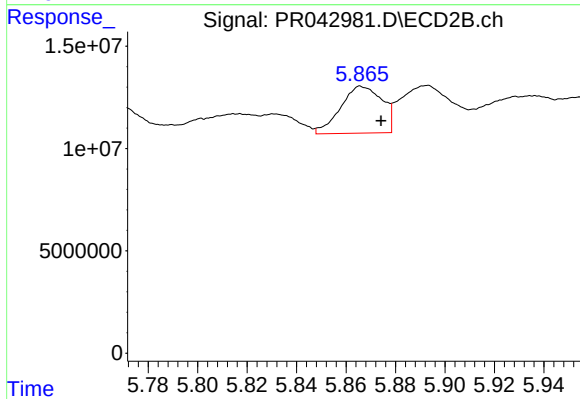
#25 AR-1248-5

R.T.: 5.936 min
Delta R.T.: 0.021 min
Response: 30414058
Conc: 78.46 ng/ml



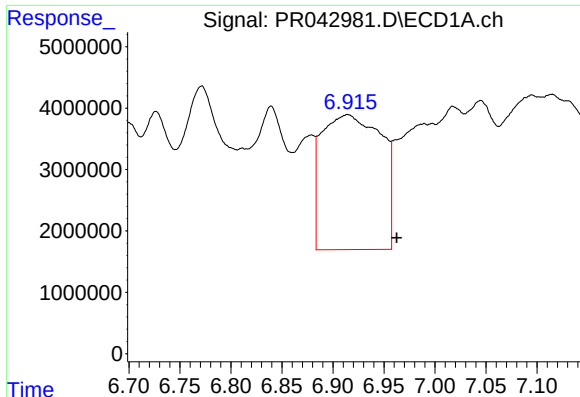
#26 AR-1254-1

R.T.: 6.727 min
Delta R.T.: -0.019 min
Response: 40534378
Conc: 217.15 ng/ml



#26 AR-1254-1

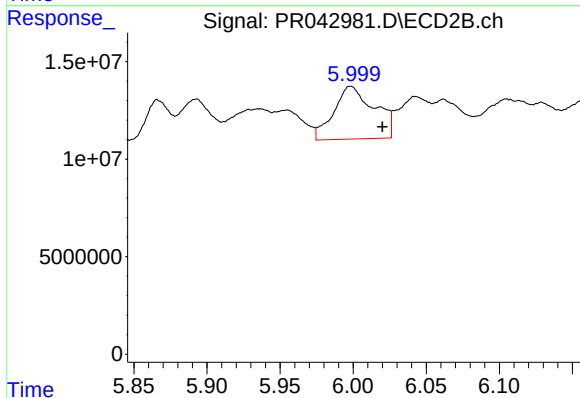
R.T.: 5.866 min
Delta R.T.: -0.008 min
Response: 26582791
Conc: 42.18 ng/ml



#27 AR-1254-2

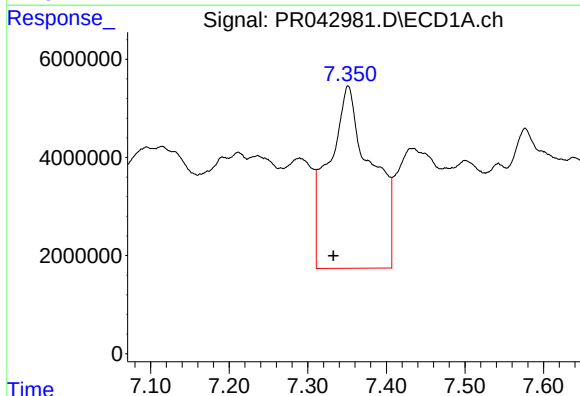
R.T.: 6.915 min
Delta R.T.: -0.048 min
Response: 89209775
Conc: 305.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



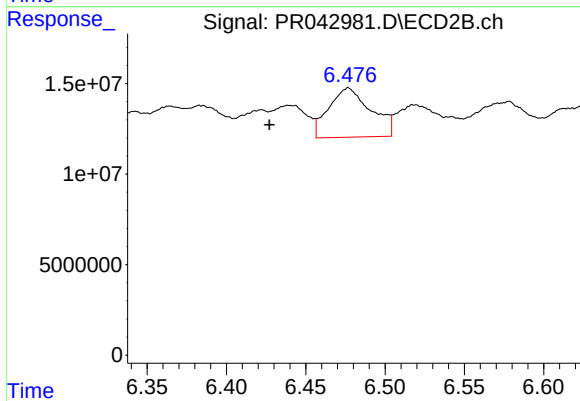
#27 AR-1254-2

R.T.: 5.998 min
Delta R.T.: -0.022 min
Response: 52037286
Conc: 89.07 ng/ml



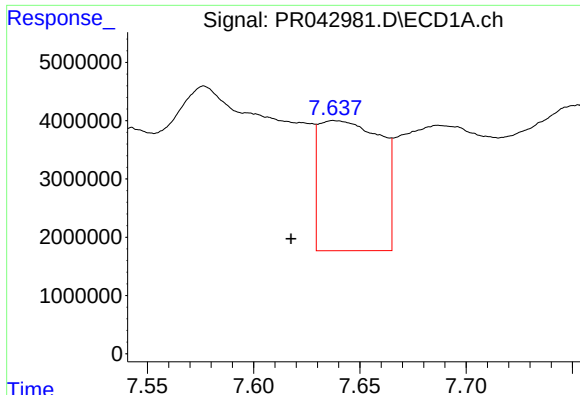
#28 AR-1254-3

R.T.: 7.351 min
Delta R.T.: 0.019 min
Response: 140574734
Conc: 446.36 ng/ml



#28 AR-1254-3

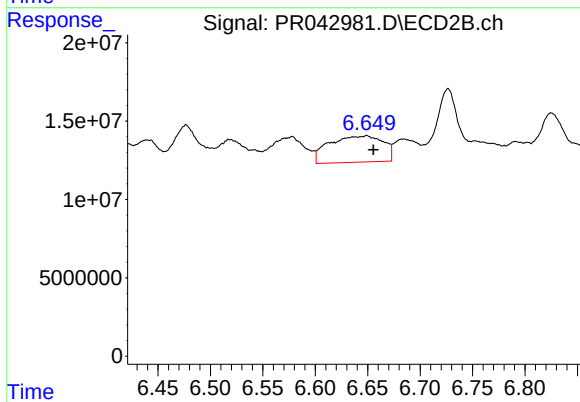
R.T.: 6.477 min
Delta R.T.: 0.050 min
Response: 50516272
Conc: 49.09 ng/ml



#29 AR-1254-4

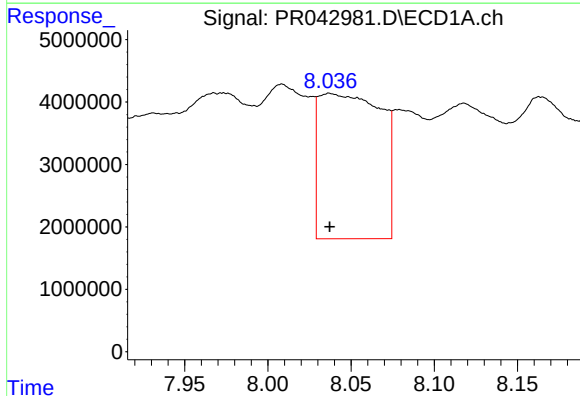
R.T.: 7.638 min
Delta R.T.: 0.020 min
Response: 45198358
Conc: 192.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



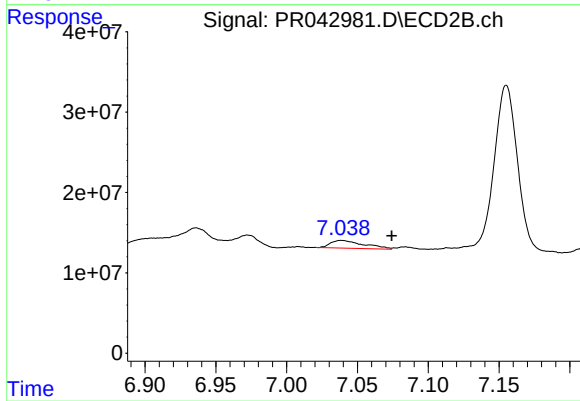
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.006 min
Response: 60244212
Conc: 79.00 ng/ml



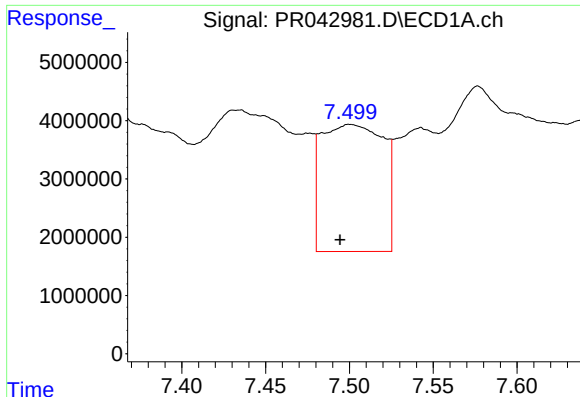
#30 AR-1254-5

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 60456984
Conc: 240.46 ng/ml



#30 AR-1254-5

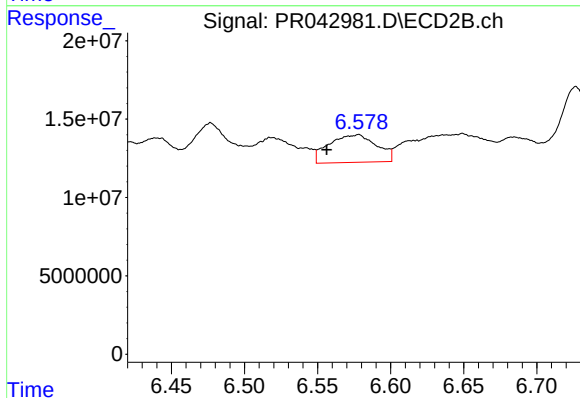
R.T.: 7.039 min
Delta R.T.: -0.035 min
Response: 15848923
Conc: 17.19 ng/ml



#31 AR-1260-1

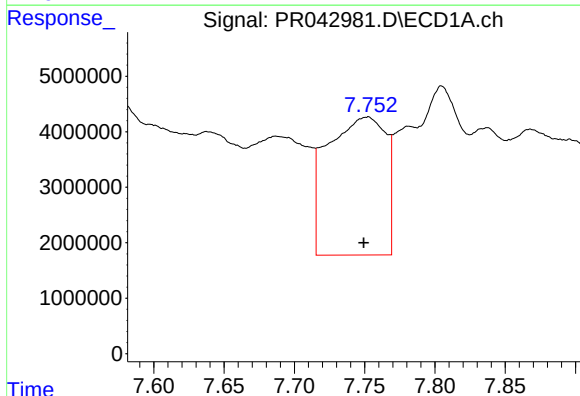
R.T.: 7.500 min
Delta R.T.: 0.006 min
Response: 55897580
Conc: 268.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



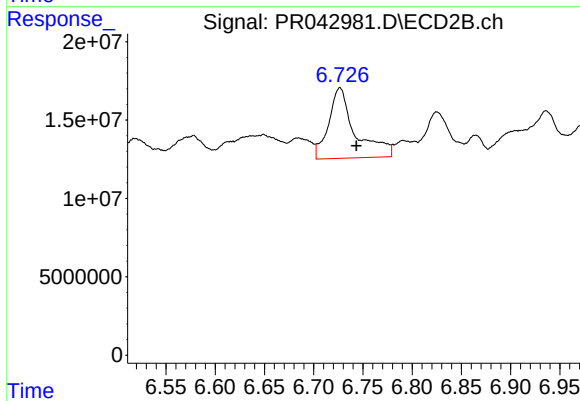
#31 AR-1260-1

R.T.: 6.578 min
Delta R.T.: 0.022 min
Response: 40086008
Conc: 66.14 ng/ml



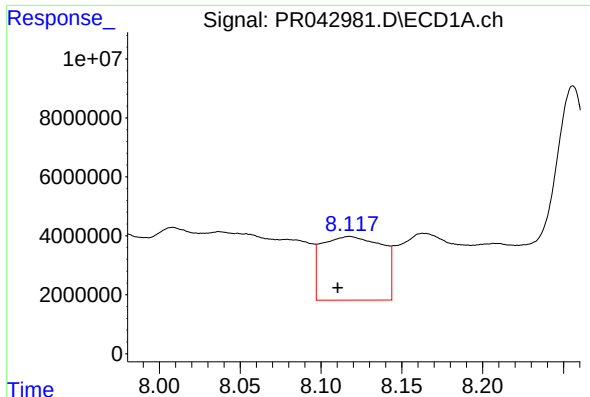
#32 AR-1260-2

R.T.: 7.752 min
Delta R.T.: 0.003 min
Response: 71791383
Conc: 293.65 ng/ml



#32 AR-1260-2

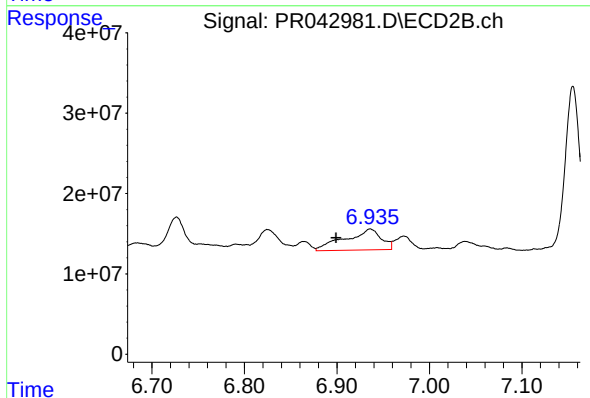
R.T.: 6.727 min
Delta R.T.: -0.017 min
Response: 84496777
Conc: 97.72 ng/ml



#33 AR-1260-3

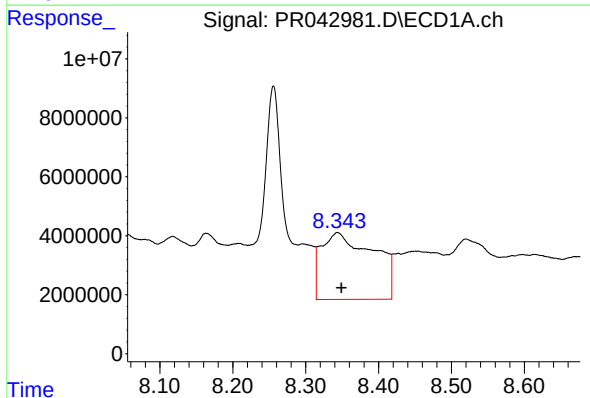
R.T.: 8.118 min
Delta R.T.: 0.007 min
Response: 56348978
Conc: 311.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



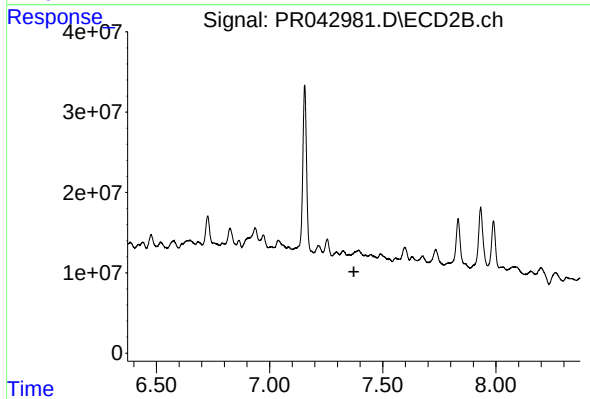
#33 AR-1260-3

R.T.: 6.936 min
Delta R.T.: 0.037 min
Response: 70098649
Conc: 98.70 ng/ml



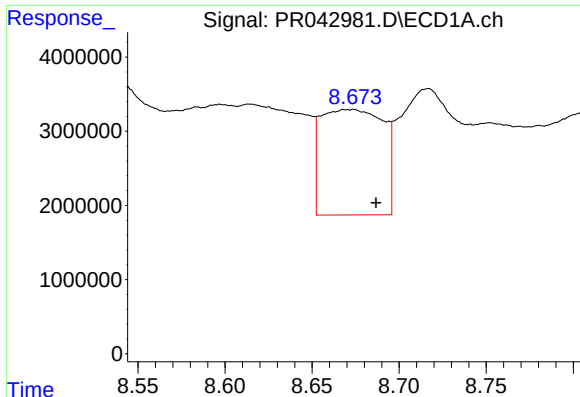
#34 AR-1260-4

R.T.: 8.344 min
Delta R.T.: -0.005 min
Response: 113222980
Conc: 542.54 ng/ml



#34 AR-1260-4

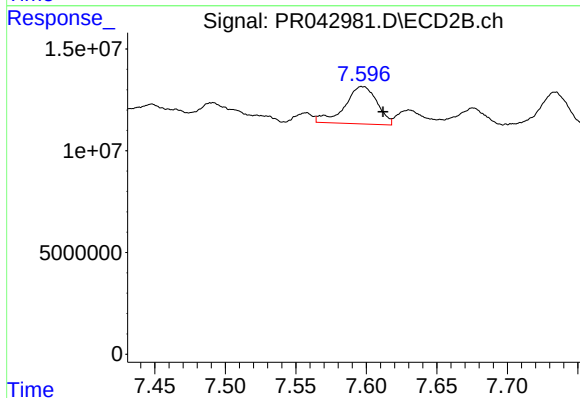
R.T.: 0.000 min
Exp R.T.: 7.373 min
Response: 0
Conc: N.D.



#35 AR-1260-5

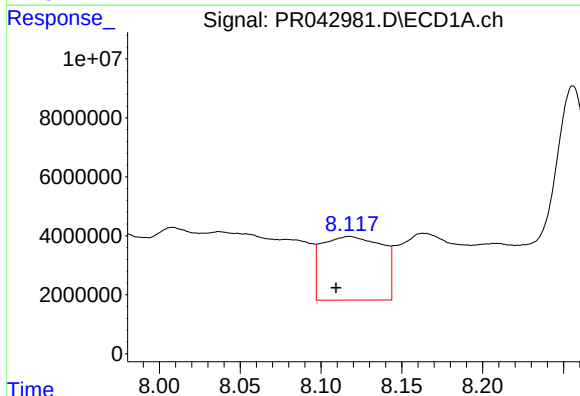
R.T.: 8.674 min
Delta R.T.: -0.013 min
Response: 35447714
Conc: 85.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



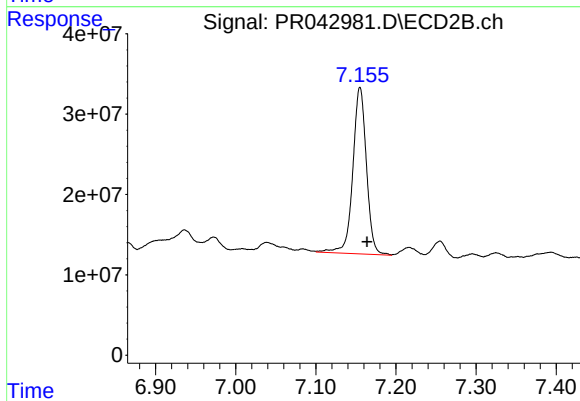
#35 AR-1260-5

R.T.: 7.597 min
Delta R.T.: -0.015 min
Response: 29393406
Conc: 18.22 ng/ml



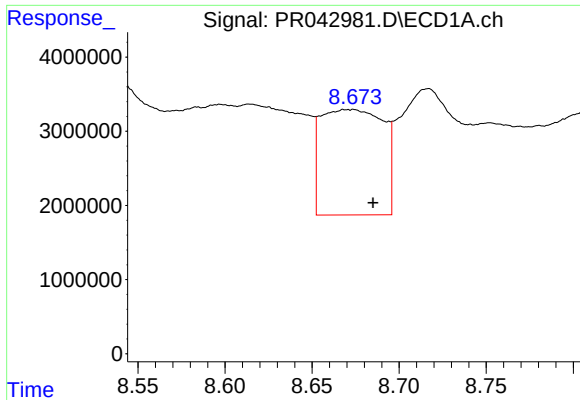
#36 AR-1262-1

R.T.: 8.118 min
Delta R.T.: 0.008 min
Response: 56348978
Conc: 190.96 ng/ml



#36 AR-1262-1

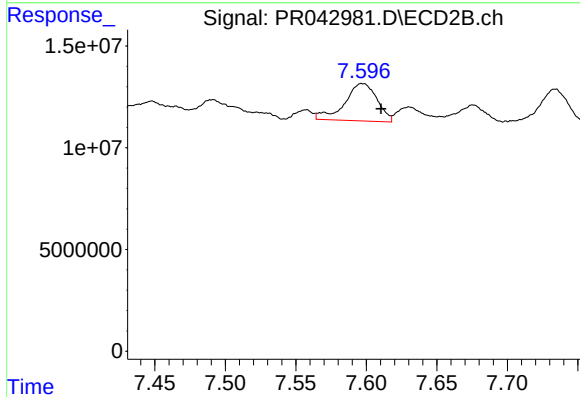
R.T.: 7.155 min
Delta R.T.: -0.009 min
Response: 245443432
Conc: 564.95 ng/ml



#37 AR-1262-2

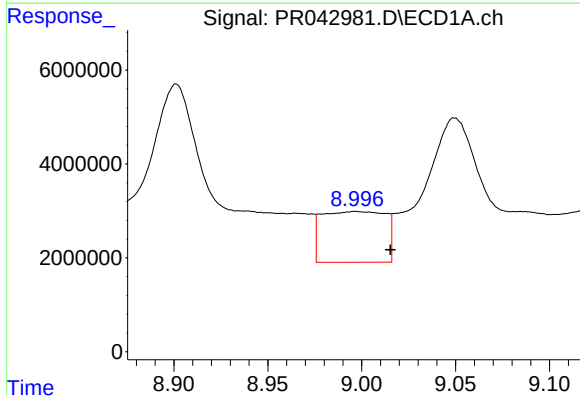
R.T.: 8.674 min
Delta R.T.: -0.011 min
Response: 35447714
Conc: 63.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



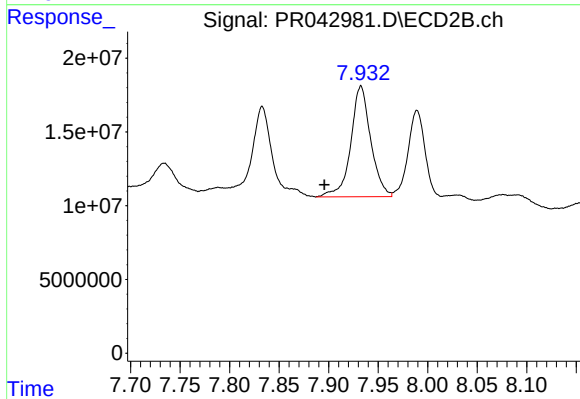
#37 AR-1262-2

R.T.: 7.597 min
Delta R.T.: -0.013 min
Response: 29393406
Conc: 14.06 ng/ml



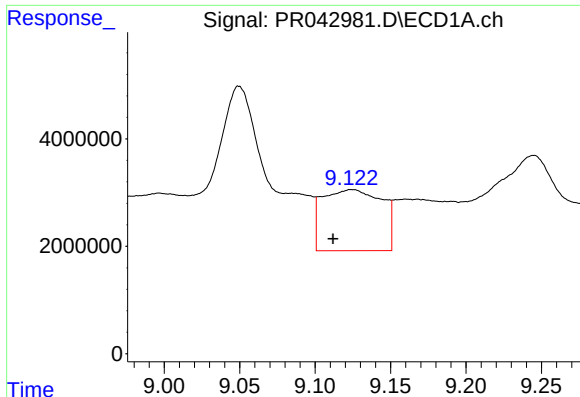
#38 AR-1262-3

R.T.: 8.997 min
Delta R.T.: -0.019 min
Response: 25417998
Conc: 71.13 ng/ml



#38 AR-1262-3

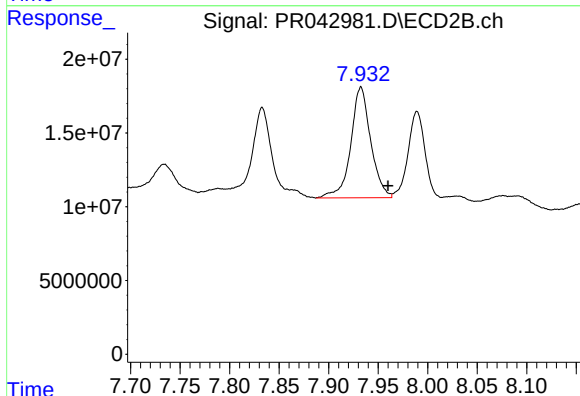
R.T.: 7.933 min
Delta R.T.: 0.037 min
Response: 105311148
Conc: 125.57 ng/ml



#39 AR-1262-4

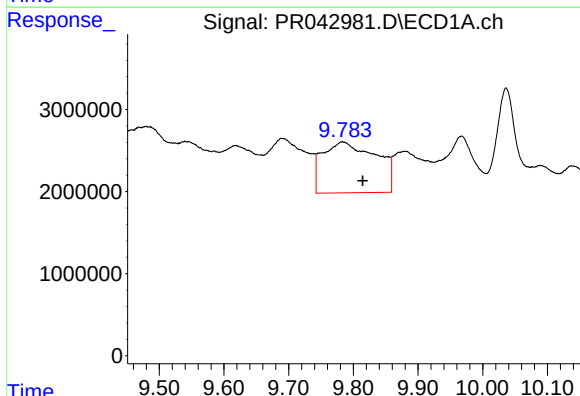
R.T.: 9.125 min
Delta R.T.: 0.013 min
Response: 31234458
Conc: 230.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



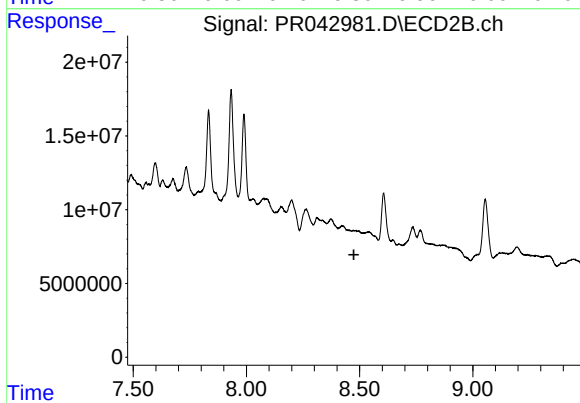
#39 AR-1262-4

R.T.: 7.933 min
Delta R.T.: -0.027 min
Response: 105311148
Conc: 74.65 ng/ml



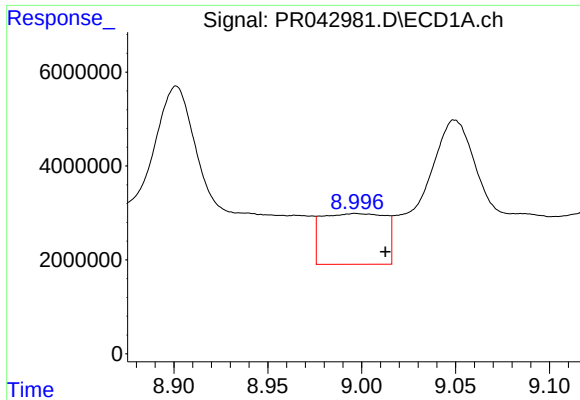
#40 AR-1262-5

R.T.: 9.784 min
Delta R.T.: -0.031 min
Response: 35769731
Conc: 195.29 ng/ml



#40 AR-1262-5

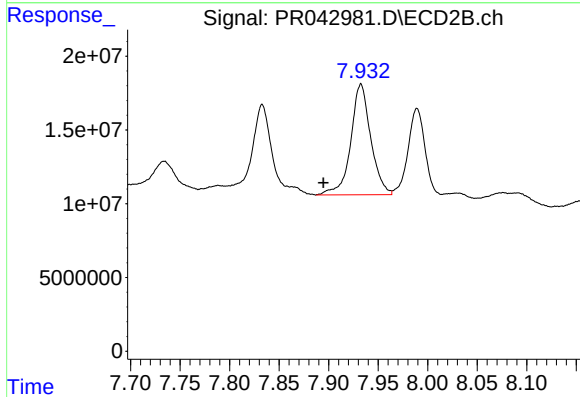
R.T.: 0.000 min
Exp R.T.: 8.475 min
Response: 0
Conc: N.D.



#41 AR-1268-1

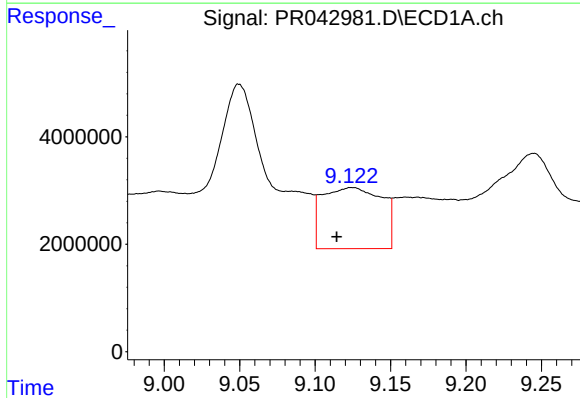
R.T.: 8.997 min
Delta R.T.: -0.016 min
Response: 25417998
Conc: 40.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



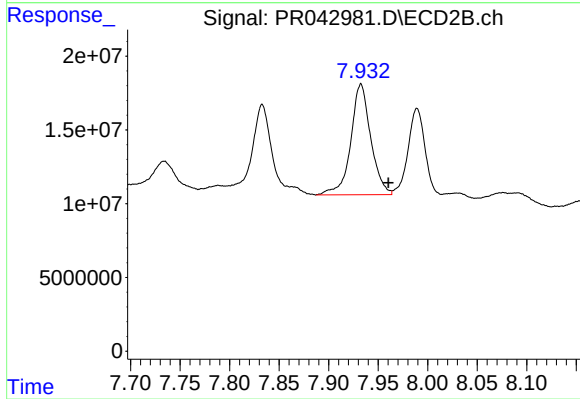
#41 AR-1268-1

R.T.: 7.933 min
Delta R.T.: 0.038 min
Response: 105311148
Conc: 43.37 ng/ml



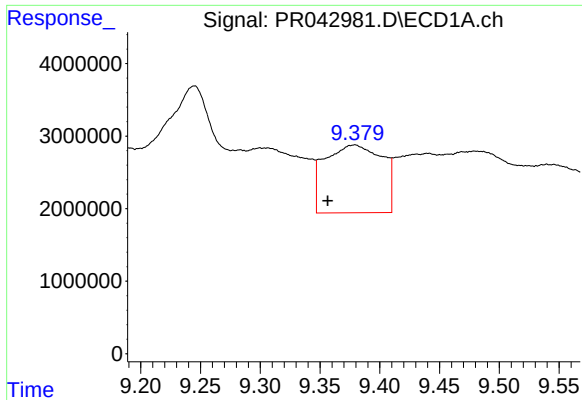
#42 AR-1268-2

R.T.: 9.125 min
Delta R.T.: 0.010 min
Response: 31234458
Conc: 54.26 ng/ml



#42 AR-1268-2

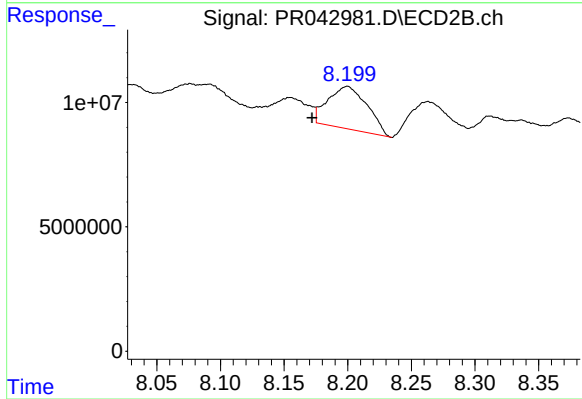
R.T.: 7.933 min
Delta R.T.: -0.028 min
Response: 105311148
Conc: 49.02 ng/ml



#43 AR-1268-3

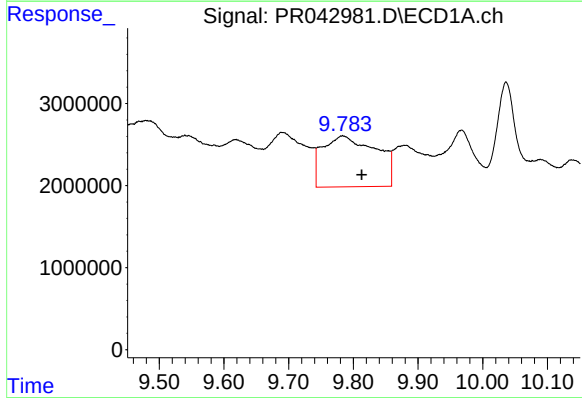
R.T.: 9.379 min
Delta R.T.: 0.023 min
Response: 31304880
Conc: 66.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



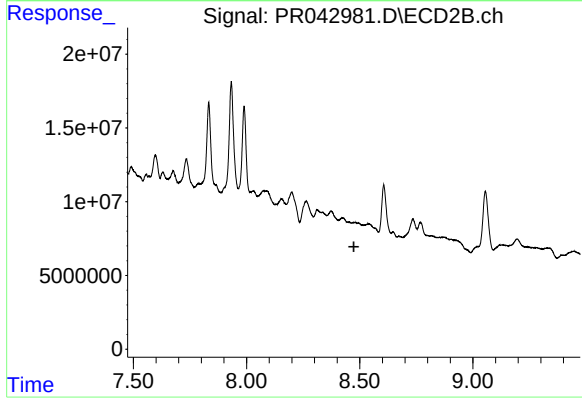
#43 AR-1268-3

R.T.: 8.200 min
Delta R.T.: 0.028 min
Response: 36499329
Conc: 20.12 ng/ml



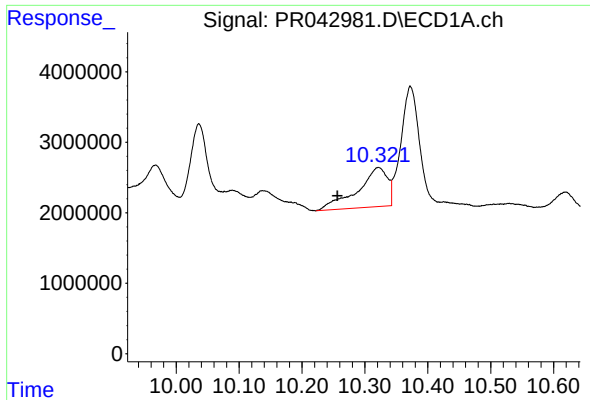
#44 AR-1268-4

R.T.: 9.784 min
Delta R.T.: -0.030 min
Response: 35769731
Conc: 174.31 ng/ml



#44 AR-1268-4

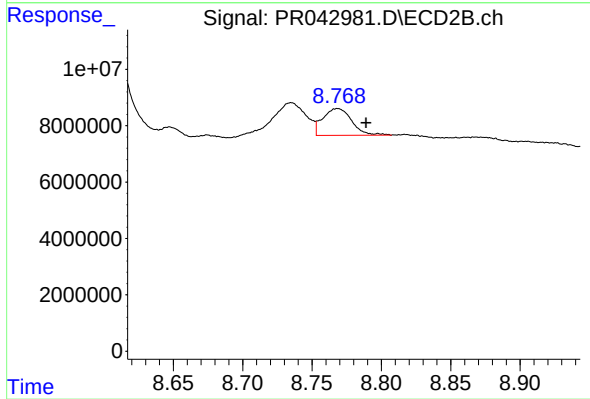
R.T.: 0.000 min
Exp R.T.: 8.474 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.322 min
Delta R.T.: 0.065 min
Response: 18340613
Conc: 11.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.768 min
Delta R.T.: -0.021 min
Response: 13872400
Conc: 2.69 ng/ml