

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
 Data File : P0097383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 16:44
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:37:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 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...	4.408	3.613	157.3E6	63601920	47.510	48.045
2)	SA Decachlor...	10.343	8.625	112.3E6	50766180	51.301	43.880
Target Compounds							
3)	L1 AR-1016-1	5.594	4.715	28710320	12756646	304.833	287.727
4)	L1 AR-1016-2	5.617	4.715	34390010	12756646	257.075	208.542
5)	L1 AR-1016-3	5.680	4.892	17011578	9260582	195.488	283.472 #
6)	L1 AR-1016-4	5.780	4.934	18494106	19315893	275.331	675.703 #
7)	L1 AR-1016-5	6.082	5.147	45306676	24623624	648.935	640.465
8)	L2 AR-1221-1	4.610	0.000	356339	0	8.743	N.D. #
9)	L2 AR-1221-2	4.719	3.912	2522118	951251	83.019	73.622
10)	L2 AR-1221-3	4.784	3.987	2584658	1171264	29.528	29.507
11)	L3 AR-1232-1	4.784	3.987	2584658	1171264	35.439	36.209
12)	L3 AR-1232-2	5.322	4.715	13866817	12756646	349.767	442.132 #
13)	L3 AR-1232-3	5.617	4.892	34390010	9260582	562.179	610.781
14)	L3 AR-1232-4	5.780	4.975	18494106	20881035	606.089	1397.224 #
15)	L3 AR-1232-5	5.873	5.147	43052730	24623624	1538.522	1506.329
16)	L4 AR-1242-1	5.594	4.715	28710320	12756646	342.536	323.568
17)	L4 AR-1242-2	5.617	4.715	34390010	12756646	292.030	234.106
18)	L4 AR-1242-3	5.680	4.892	17011578	9260582	230.283	313.190 #
19)	L4 AR-1242-4	5.780	4.975	18494106	20881035	310.667	662.598 #
20)	L4 AR-1242-5	6.535	5.500	43902860	31677828	797.948	869.406
21)	L5 AR-1248-1	5.594	4.715	28710320	12756646	489.987	454.579
22)	L5 AR-1248-2	5.873	4.934	43052730	19315893	457.922	455.768
23)	L5 AR-1248-3	6.082	4.975	45306676	20881035	463.216	476.029
24)	L5 AR-1248-4	6.495	5.147	45404656	24623624	499.812	482.344
25)	L5 AR-1248-5	6.535	5.541	43902860	22452466	498.409	480.248
26)	L6 AR-1254-1	6.467	5.500	35246545	31677828	322.503	429.261 #
27)	L6 AR-1254-2	6.696	5.648	45723577	10640641	283.597	161.515 #
28)	L6 AR-1254-3	7.069	6.052	24537050	14474239	156.589	143.221
29)	L6 AR-1254-4	7.362	6.282	15525940	9745170	154.000	168.384
30)	L6 AR-1254-5	7.793	6.700	3591014	3900452	32.001	44.366 #
31)	L7 AR-1260-1	7.239	6.197	3340872	6884332	26.581	97.833 #
32)	L7 AR-1260-2	7.501	6.371	3582361	1306056	26.588	15.648 #
33)	L7 AR-1260-3	7.877	6.523	728329	1526243	7.018	19.765 #
34)	L7 AR-1260-4	8.092	7.000	1990006	401827	17.799	6.271 #
35)	L7 AR-1260-5	8.437	7.241	1348028	644662	6.420	4.650 #
36)	L8 AR-1262-1	7.877	6.768f	728329	510789	4.904	12.974 #
37)	L8 AR-1262-2	8.437	7.000	1348028	401827	5.824	4.954
38)	L8 AR-1262-3	8.738	7.527	63763	530475	0.382	8.266 #
39)	L8 AR-1262-4	8.870	7.587	27080	545965	0.371	4.806 #
40)	L8 AR-1262-5	9.542	0.000	68722	0	0.825	N.D. #
41)	L9 AR-1268-1	8.738	7.527	63763	530475	0.207	2.863 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
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Integration File signal 1: autoint1.e
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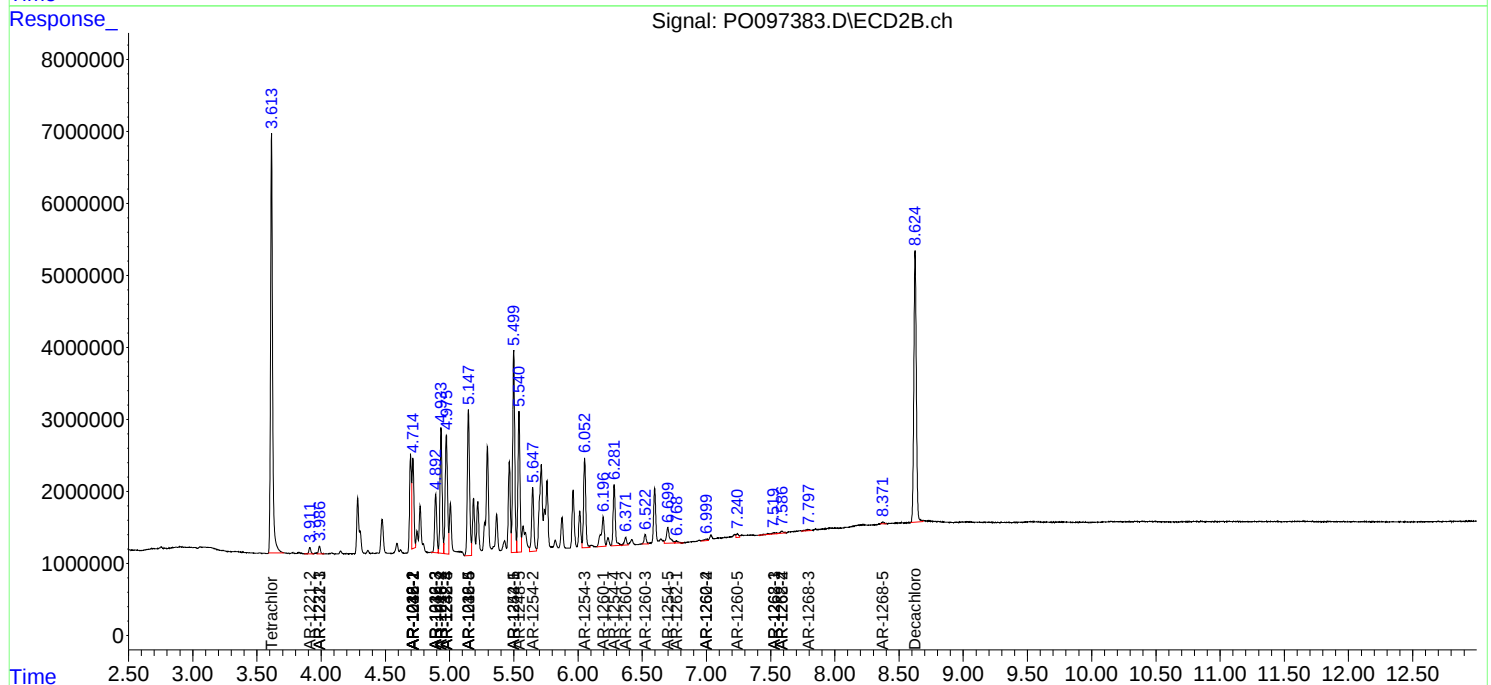
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

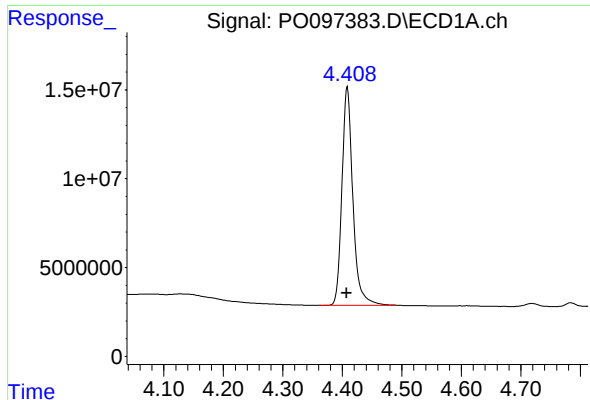
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.870	7.587	27080	545965	0.099	3.256 #
43) L9	AR-1268-3	9.099	7.797	284406	434316	1.114	3.006 #
44) L9	AR-1268-4	9.542	0.000	68722	0	0.741	N.D. #
45) L9	AR-1268-5	9.987	8.373	1094297	303024	1.355	0.729 #

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

Instrument :
ECD_O
ClientSampleId :

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

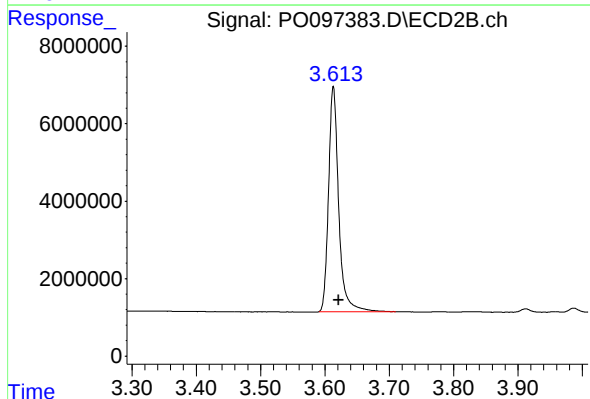




#1 Tetrachloro-m-xylene

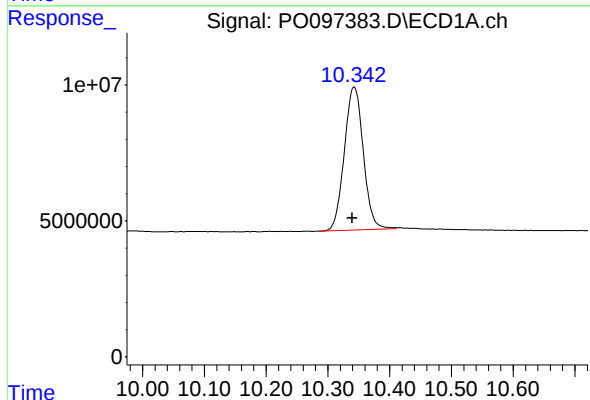
R.T.: 4.408 min
Delta R.T.: 0.001 min
Response: 157267991
Conc: 47.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



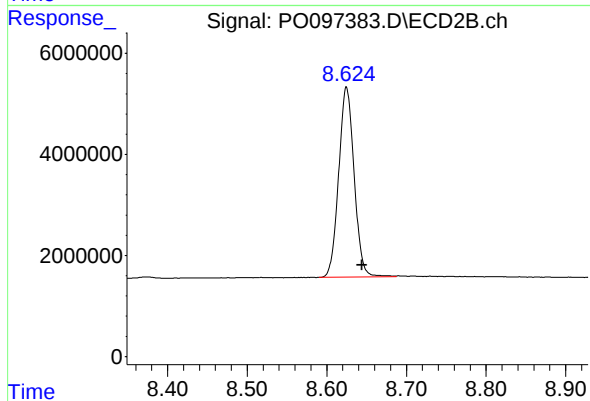
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 63601920
Conc: 48.05 ng/ml



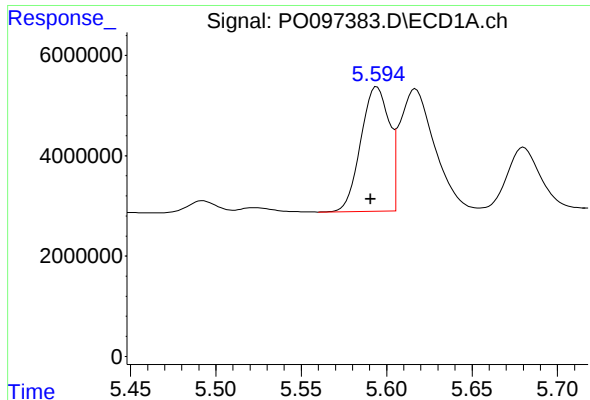
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: 0.003 min
Response: 112256631
Conc: 51.30 ng/ml



#2 Decachlorobiphenyl

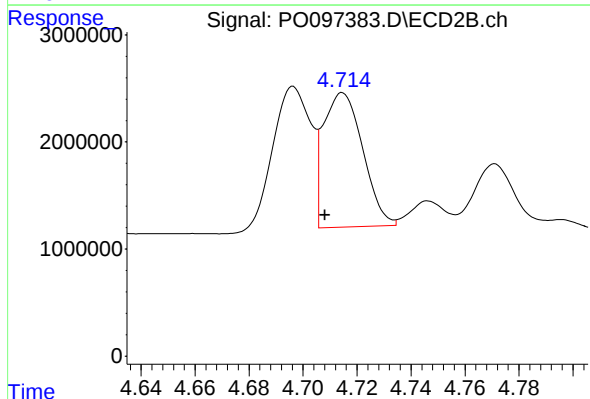
R.T.: 8.625 min
Delta R.T.: -0.019 min
Response: 50766180
Conc: 43.88 ng/ml



#3 AR-1016-1

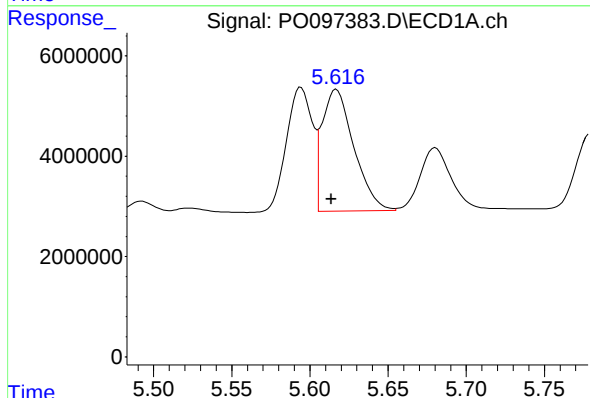
R.T.: 5.594 min
Delta R.T.: 0.004 min
Response: 28710320
Conc: 304.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



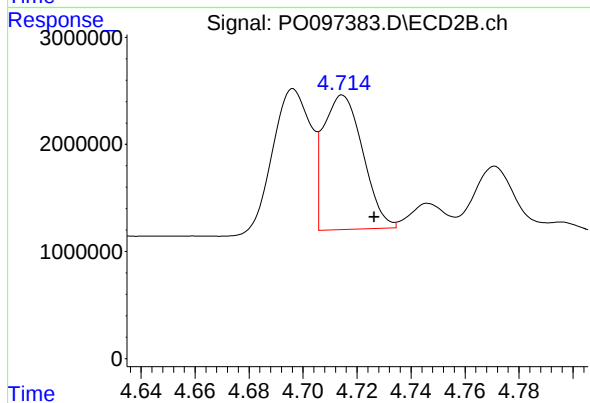
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 12756646
Conc: 287.73 ng/ml



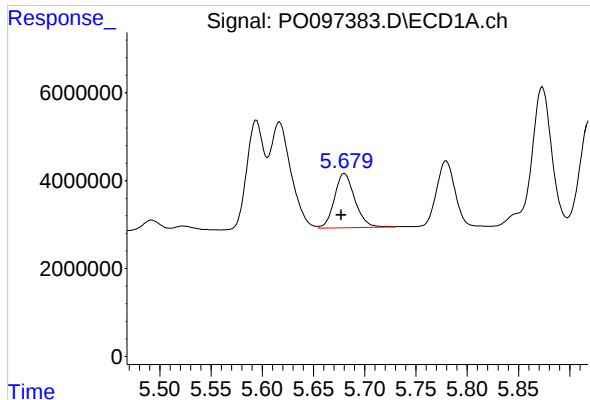
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 34390010
Conc: 257.07 ng/ml



#4 AR-1016-2

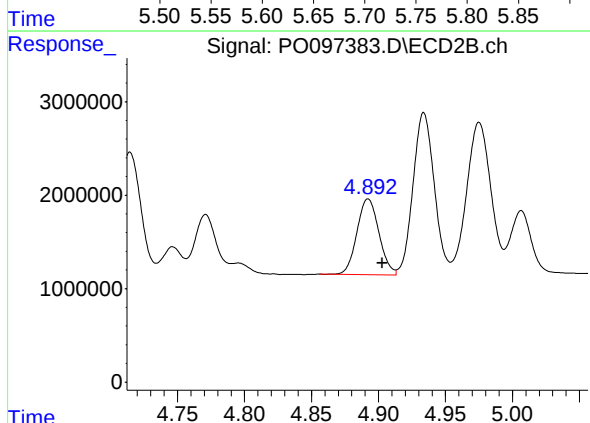
R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 12756646
Conc: 208.54 ng/ml



#5 AR-1016-3

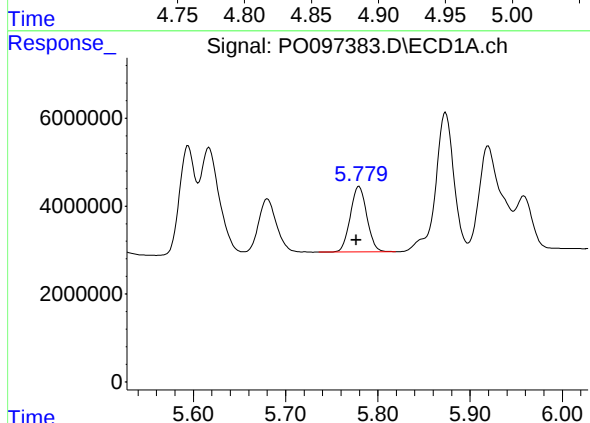
R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 17011578
Conc: 195.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



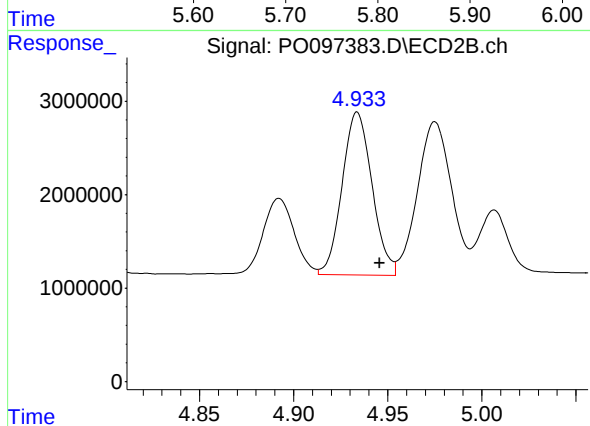
#5 AR-1016-3

R.T.: 4.892 min
Delta R.T.: -0.011 min
Response: 9260582
Conc: 283.47 ng/ml



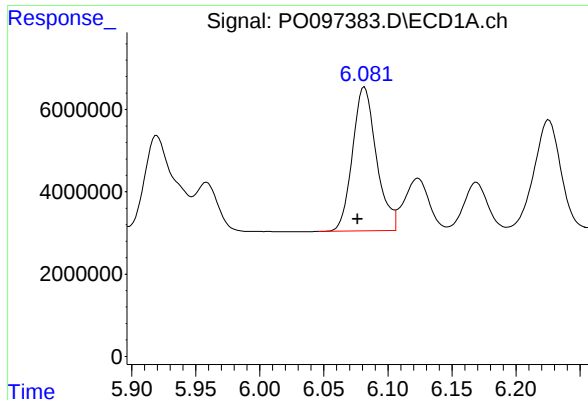
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 18494106
Conc: 275.33 ng/ml



#6 AR-1016-4

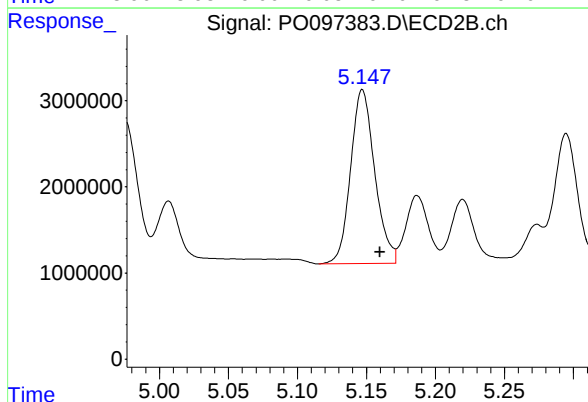
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 19315893
Conc: 675.70 ng/ml



#7 AR-1016-5

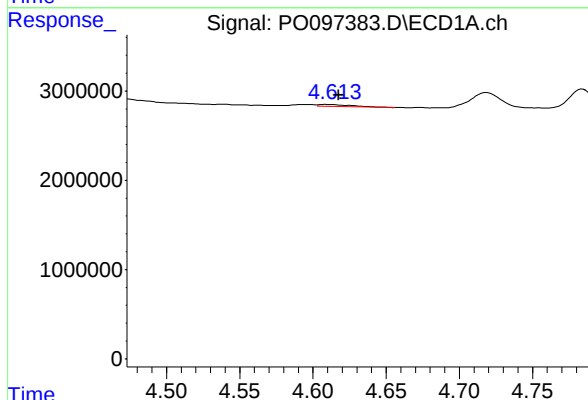
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 45306676
Conc: 648.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



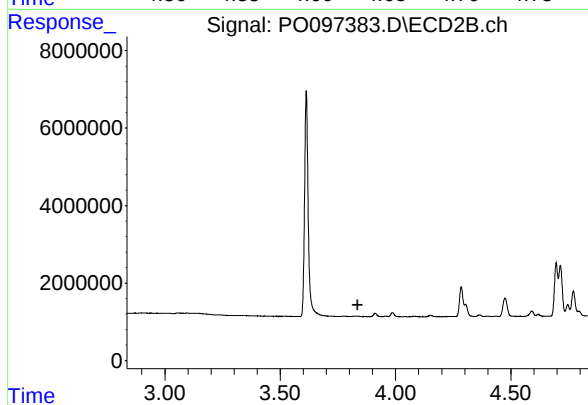
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.013 min
Response: 24623624
Conc: 640.47 ng/ml



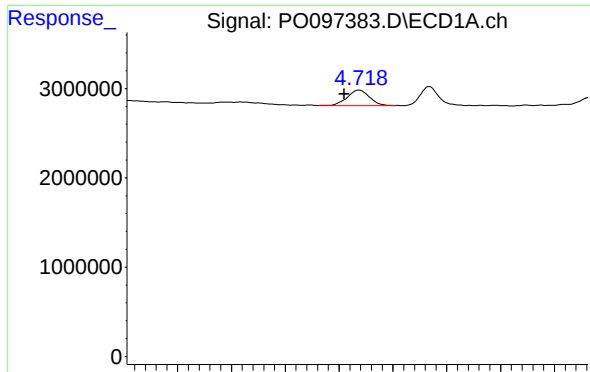
#8 AR-1221-1

R.T.: 4.610 min
Delta R.T.: -0.008 min
Response: 356339
Conc: 8.74 ng/ml



#8 AR-1221-1

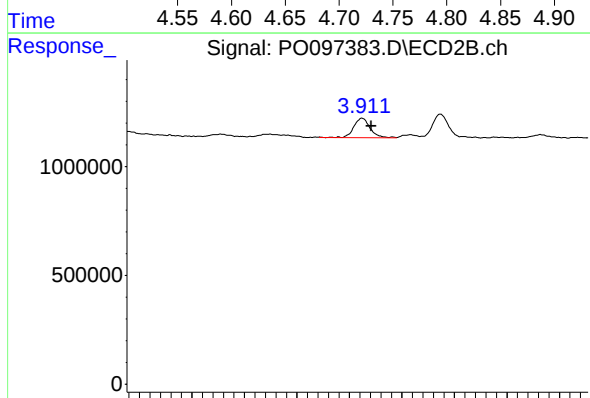
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

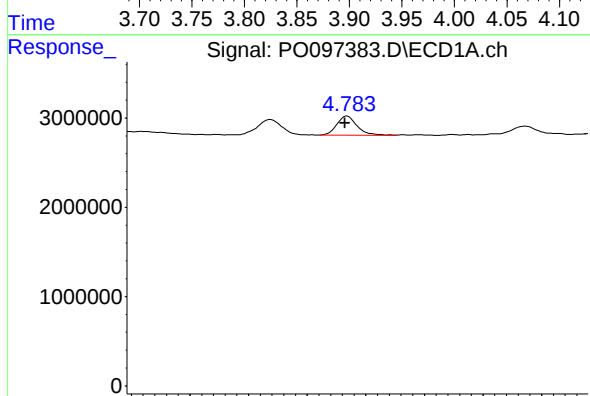
R.T.: 4.719 min
Delta R.T.: 0.014 min
Response: 2522118
Conc: 83.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



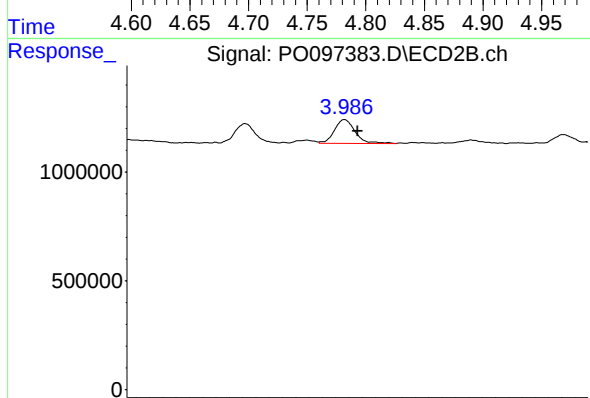
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 951251
Conc: 73.62 ng/ml



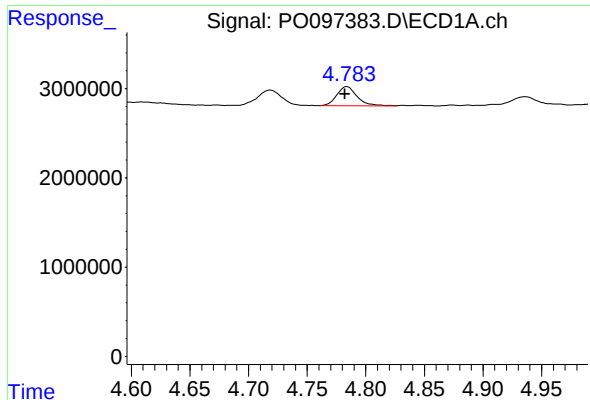
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 2584658
Conc: 29.53 ng/ml



#10 AR-1221-3

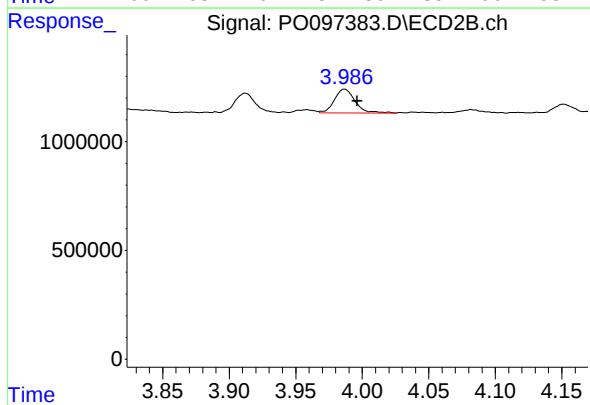
R.T.: 3.987 min
Delta R.T.: -0.010 min
Response: 1171264
Conc: 29.51 ng/ml



#11 AR-1232-1

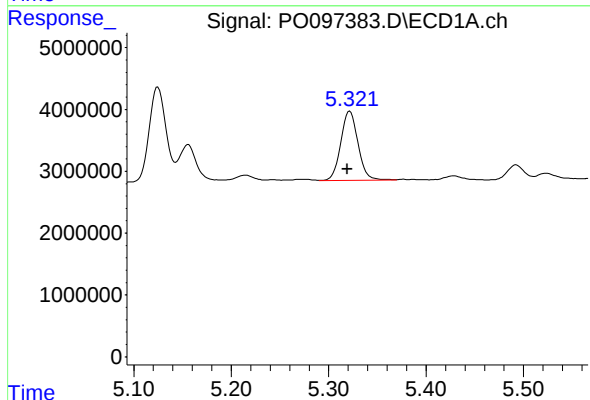
R.T.: 4.784 min
Delta R.T.: 0.002 min
Response: 2584658
Conc: 35.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



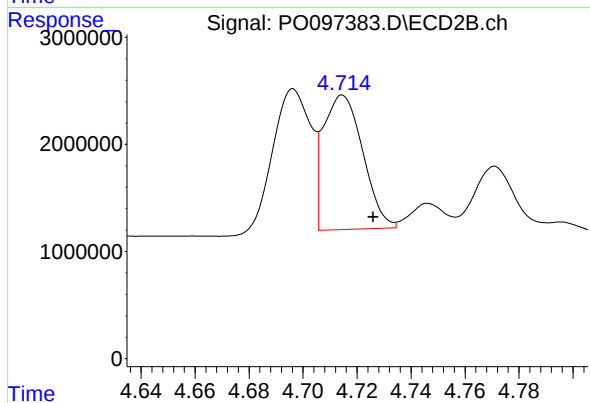
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.009 min
Response: 1171264
Conc: 36.21 ng/ml



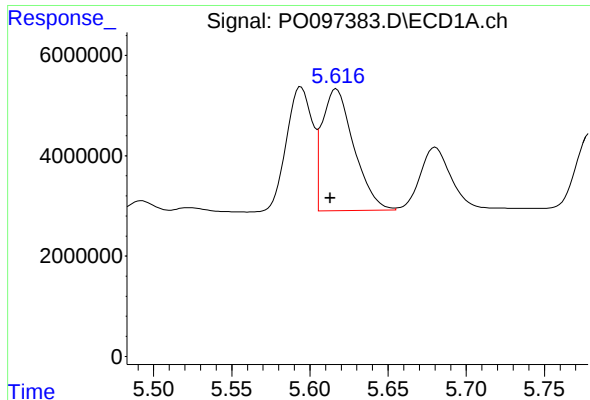
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: 0.003 min
Response: 13866817
Conc: 349.77 ng/ml



#12 AR-1232-2

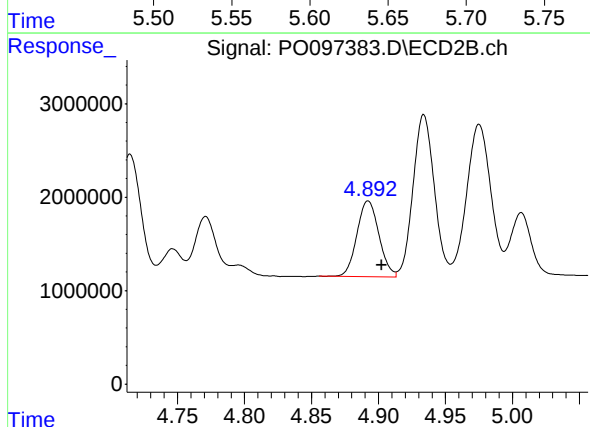
R.T.: 4.715 min
Delta R.T.: -0.011 min
Response: 12756646
Conc: 442.13 ng/ml



#13 AR-1232-3

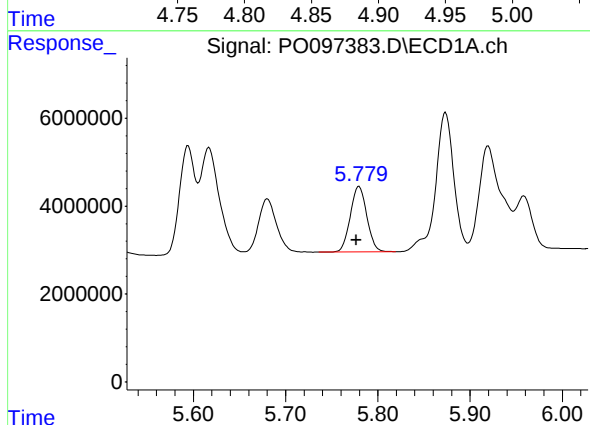
R.T.: 5.617 min
Delta R.T.: 0.004 min
Response: 34390010
Conc: 562.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



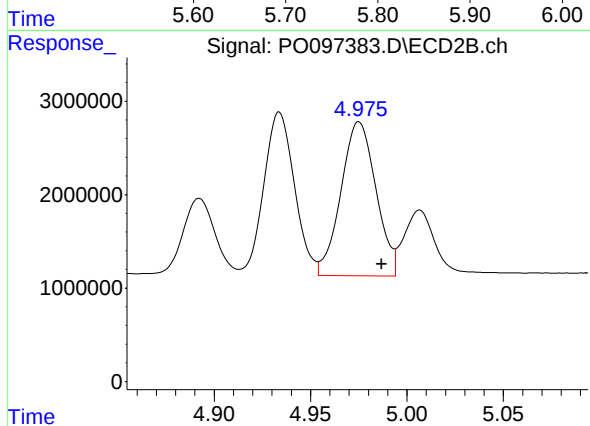
#13 AR-1232-3

R.T.: 4.892 min
Delta R.T.: -0.010 min
Response: 9260582
Conc: 610.78 ng/ml



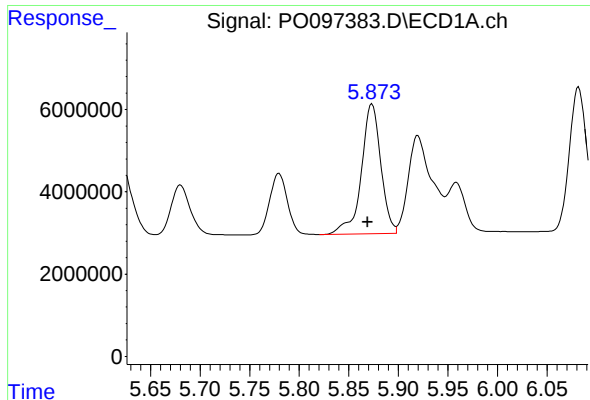
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 18494106
Conc: 606.09 ng/ml



#14 AR-1232-4

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 20881035
Conc: 1397.22 ng/ml



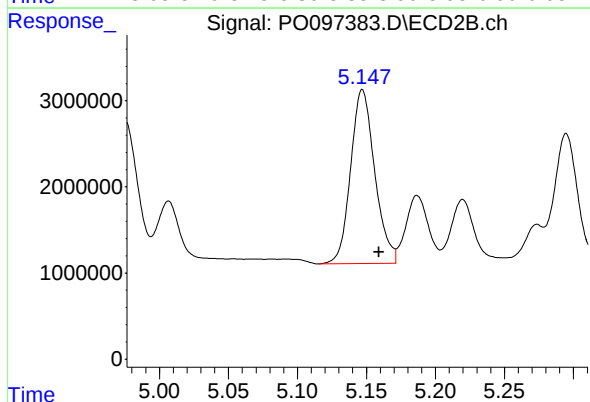
#15 AR-1232-5

R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 43052730
Conc: 1538.52 ng/ml

Instrument :

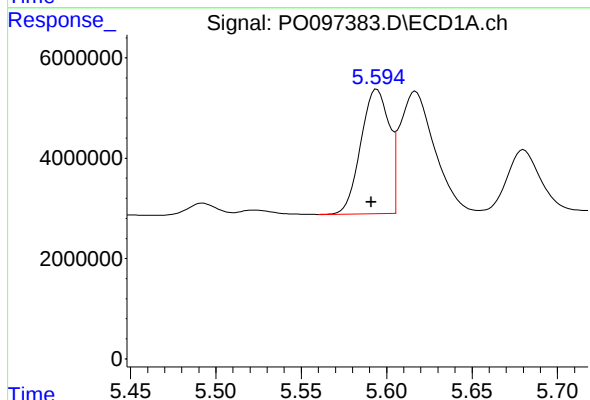
ECD_O

ClientSampleId :



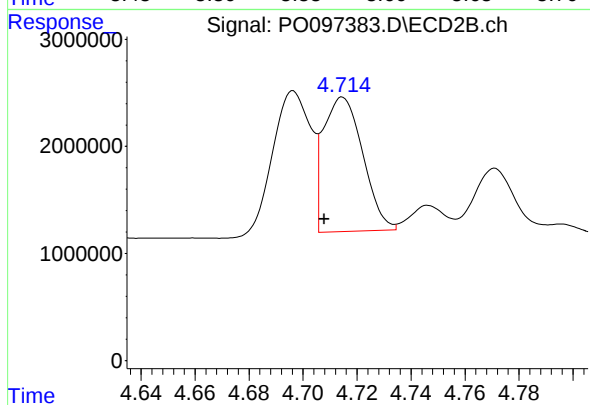
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 24623624
Conc: 1506.33 ng/ml



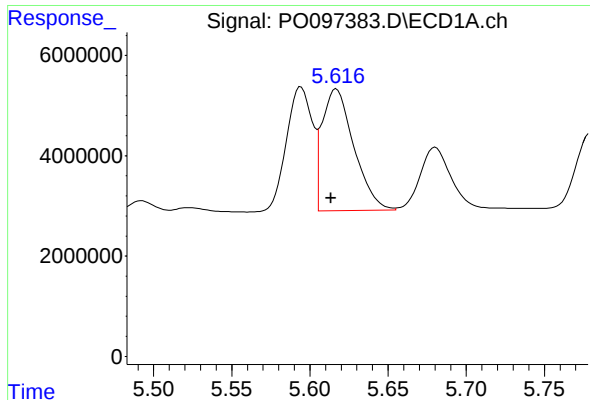
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 28710320
Conc: 342.54 ng/ml



#16 AR-1242-1

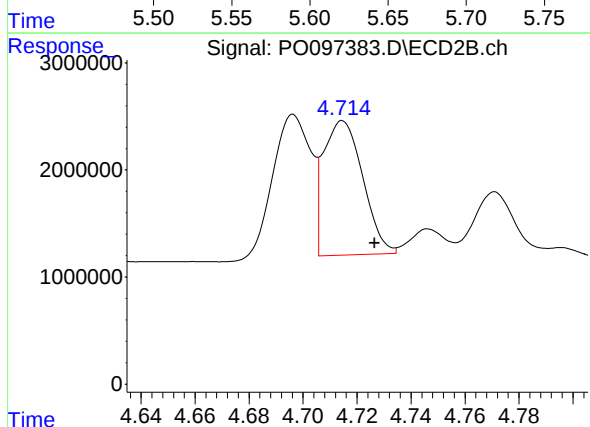
R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 12756646
Conc: 323.57 ng/ml



#17 AR-1242-2

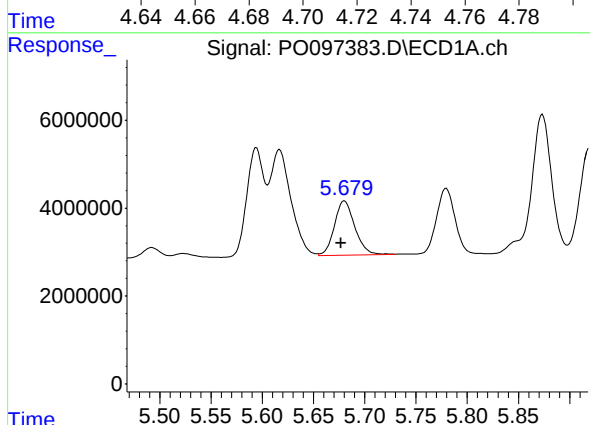
R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 34390010
Conc: 292.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



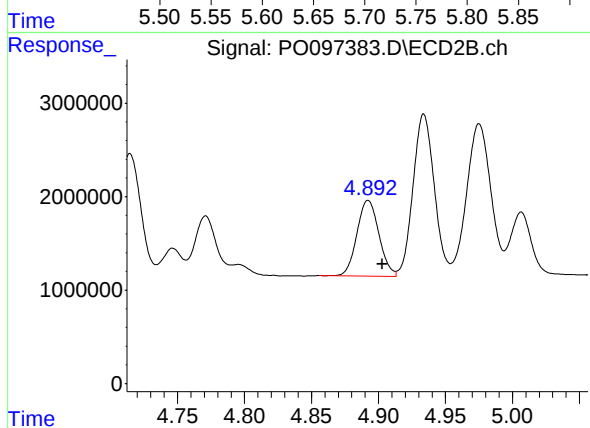
#17 AR-1242-2

R.T.: 4.715 min
Delta R.T.: -0.012 min
Response: 12756646
Conc: 234.11 ng/ml



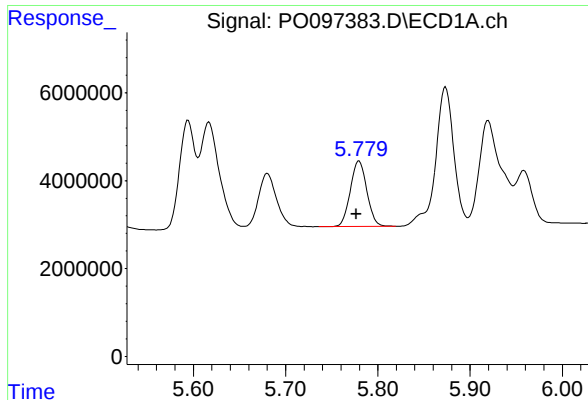
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: 0.003 min
Response: 17011578
Conc: 230.28 ng/ml



#18 AR-1242-3

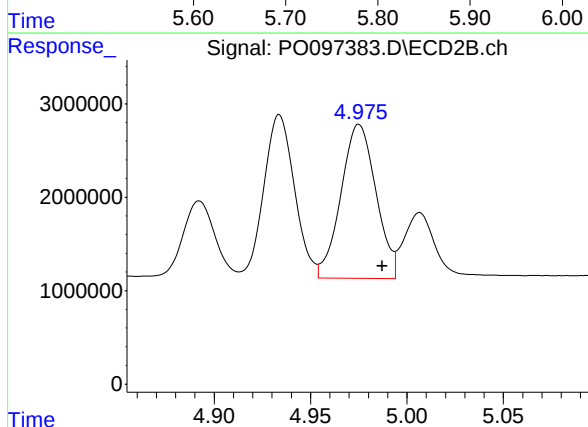
R.T.: 4.892 min
Delta R.T.: -0.011 min
Response: 9260582
Conc: 313.19 ng/ml



#19 AR-1242-4

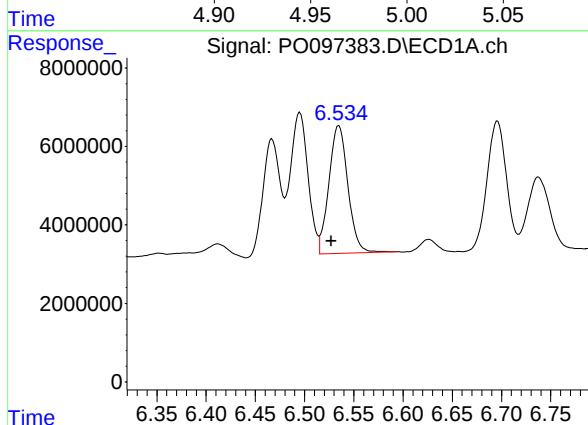
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 18494106
Conc: 310.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



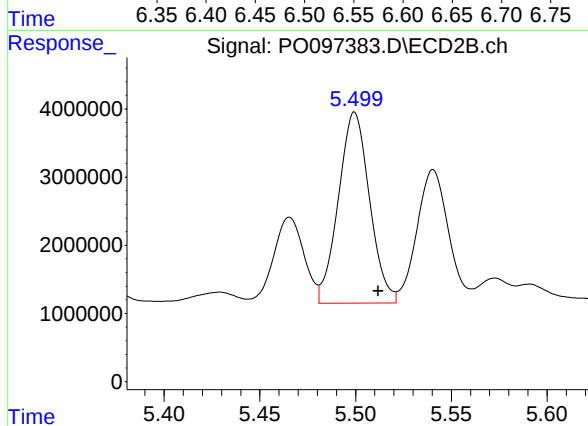
#19 AR-1242-4

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 20881035
Conc: 662.60 ng/ml



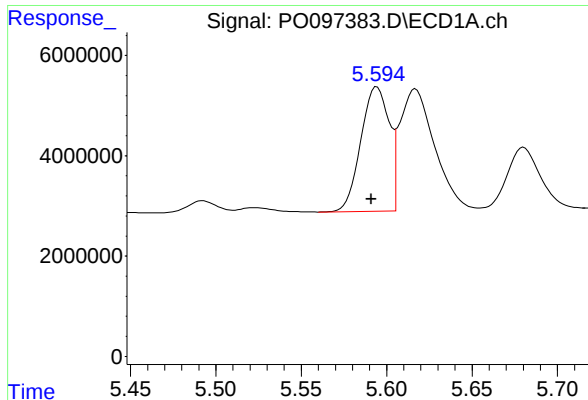
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 43902860
Conc: 797.95 ng/ml



#20 AR-1242-5

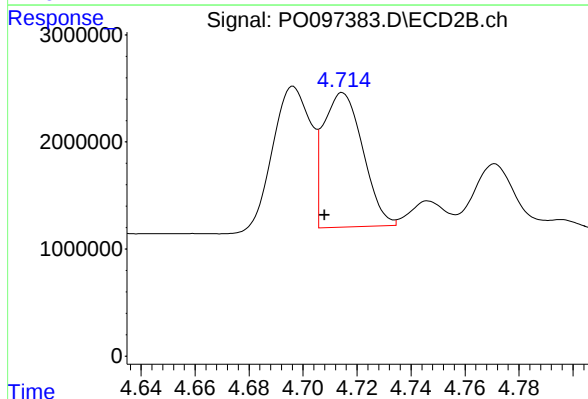
R.T.: 5.500 min
Delta R.T.: -0.012 min
Response: 31677828
Conc: 869.41 ng/ml



#21 AR-1248-1

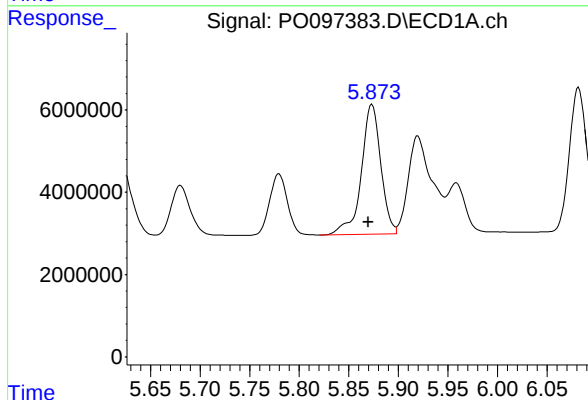
R.T.: 5.594 min
Delta R.T.: 0.003 min
Response: 28710320
Conc: 489.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



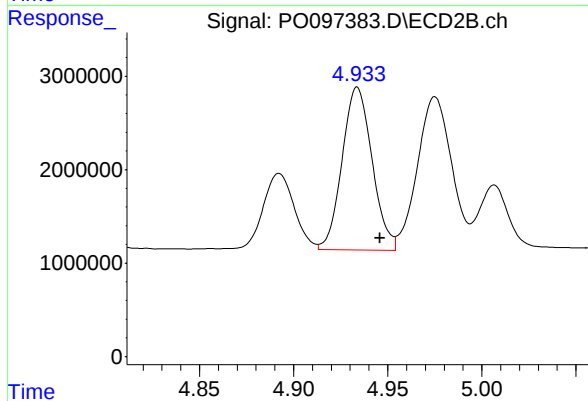
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 12756646
Conc: 454.58 ng/ml



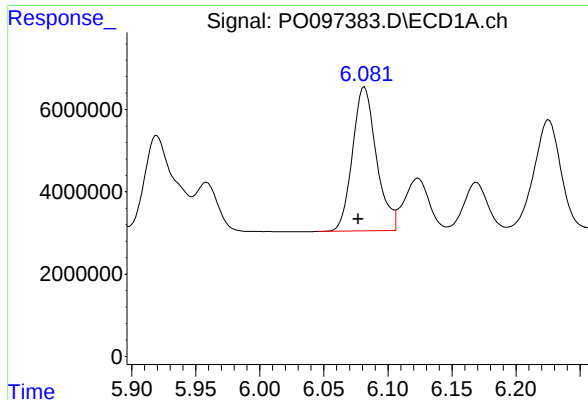
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.004 min
Response: 43052730
Conc: 457.92 ng/ml



#22 AR-1248-2

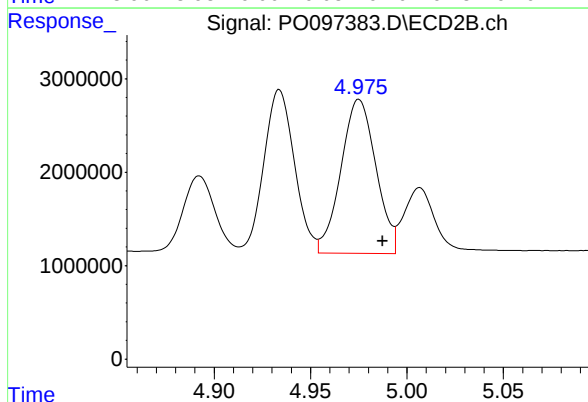
R.T.: 4.934 min
Delta R.T.: -0.012 min
Response: 19315893
Conc: 455.77 ng/ml



#23 AR-1248-3

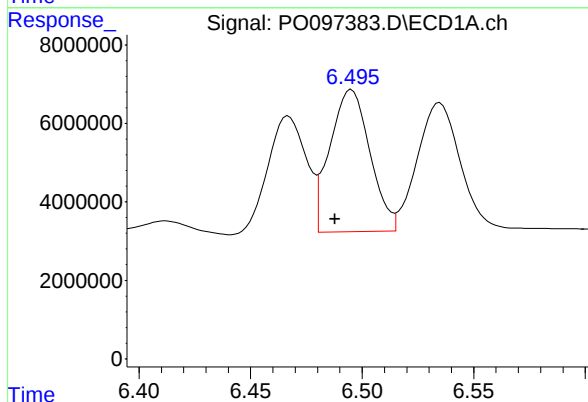
R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 45306676
Conc: 463.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



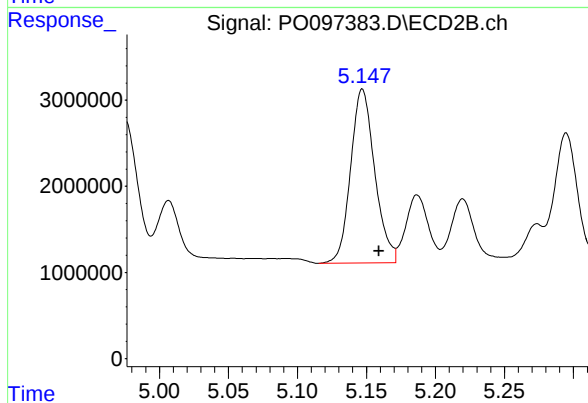
#23 AR-1248-3

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 20881035
Conc: 476.03 ng/ml



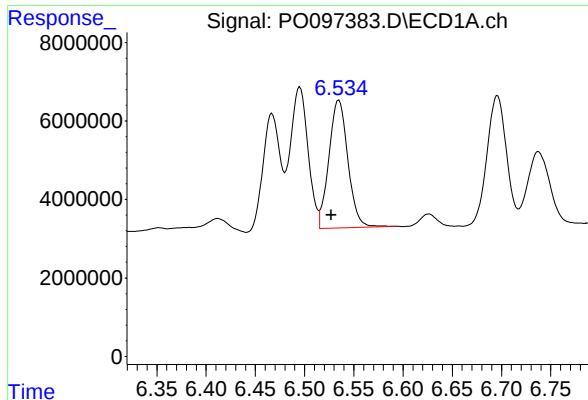
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 45404656
Conc: 499.81 ng/ml



#24 AR-1248-4

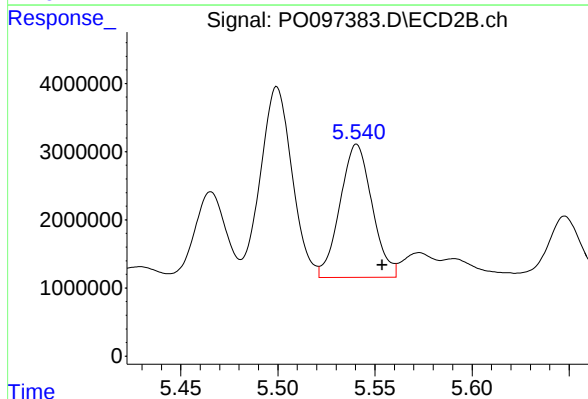
R.T.: 5.147 min
Delta R.T.: -0.012 min
Response: 24623624
Conc: 482.34 ng/ml



#25 AR-1248-5

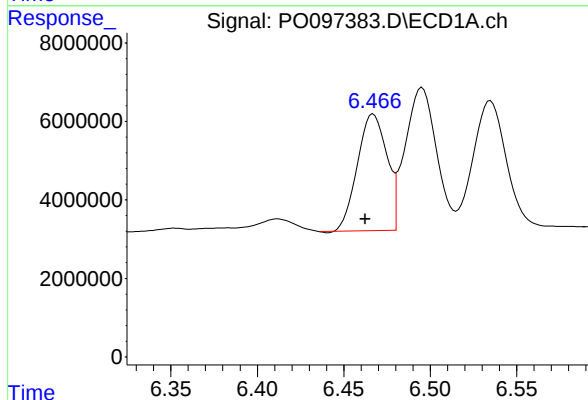
R.T.: 6.535 min
Delta R.T.: 0.008 min
Response: 43902860
Conc: 498.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



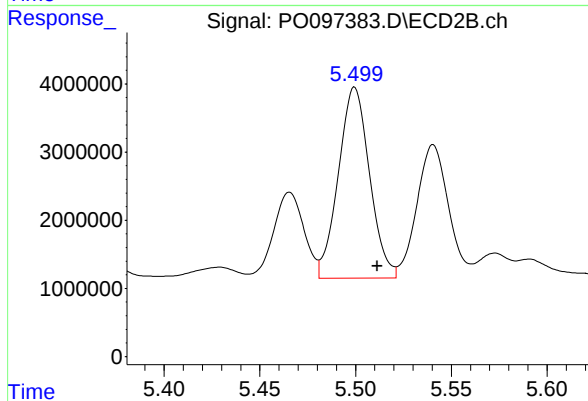
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.013 min
Response: 22452466
Conc: 480.25 ng/ml



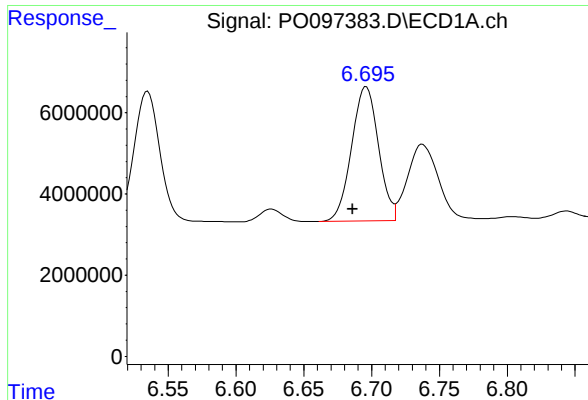
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: 0.004 min
Response: 35246545
Conc: 322.50 ng/ml



#26 AR-1254-1

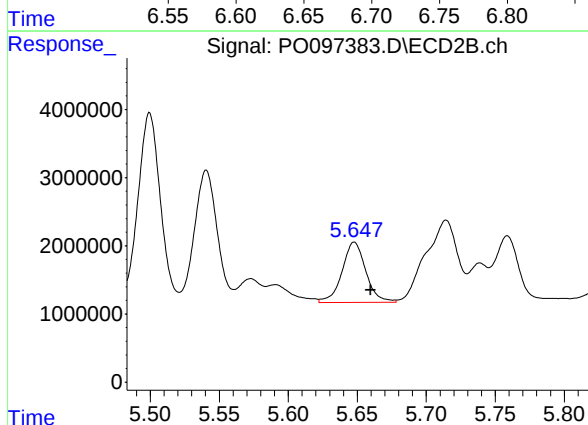
R.T.: 5.500 min
Delta R.T.: -0.012 min
Response: 31677828
Conc: 429.26 ng/ml



#27 AR-1254-2

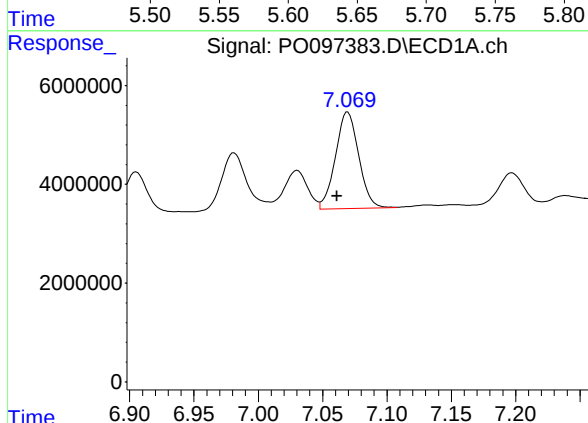
R.T.: 6.696 min
Delta R.T.: 0.010 min
Response: 45723577
Conc: 283.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



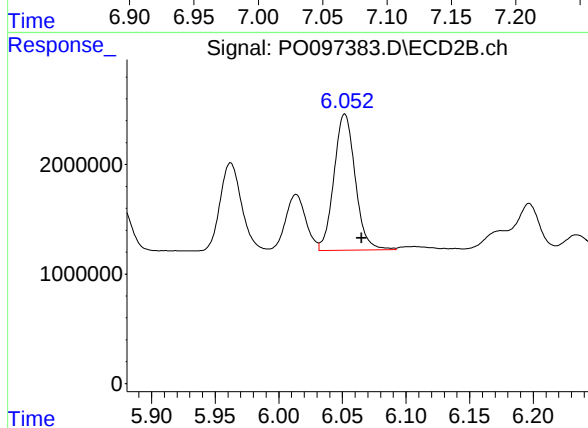
#27 AR-1254-2

R.T.: 5.648 min
Delta R.T.: -0.012 min
Response: 10640641
Conc: 161.51 ng/ml



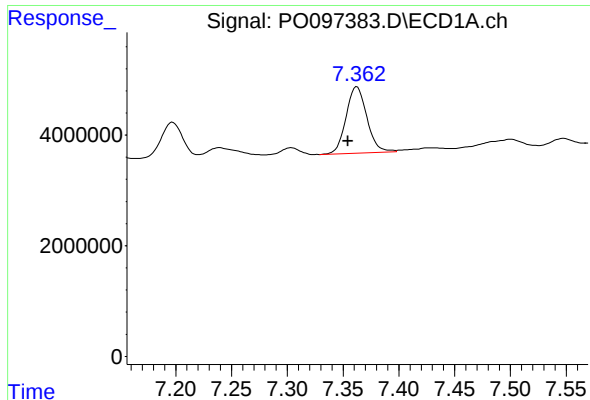
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.008 min
Response: 24537050
Conc: 156.59 ng/ml



#28 AR-1254-3

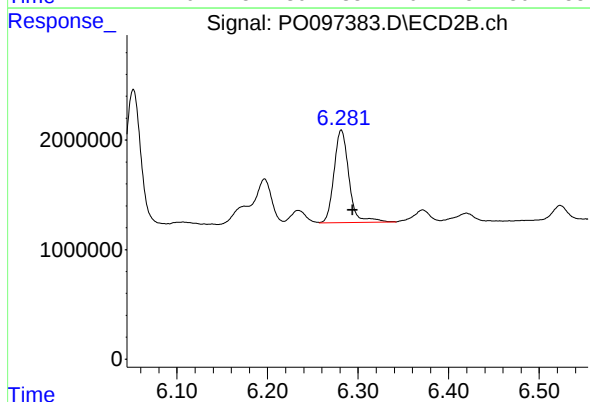
R.T.: 6.052 min
Delta R.T.: -0.013 min
Response: 14474239
Conc: 143.22 ng/ml



#29 AR-1254-4

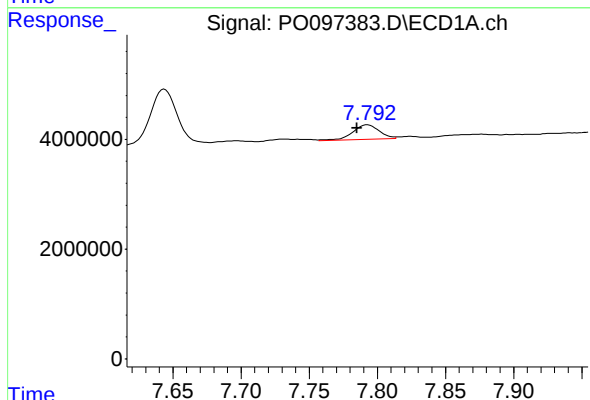
R.T.: 7.362 min
Delta R.T.: 0.008 min
Response: 15525940
Conc: 154.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



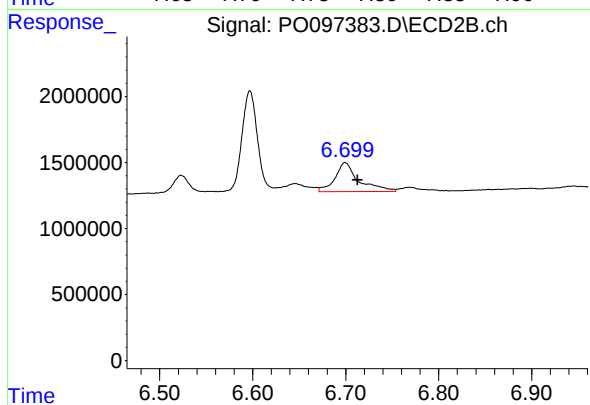
#29 AR-1254-4

R.T.: 6.282 min
Delta R.T.: -0.013 min
Response: 9745170
Conc: 168.38 ng/ml



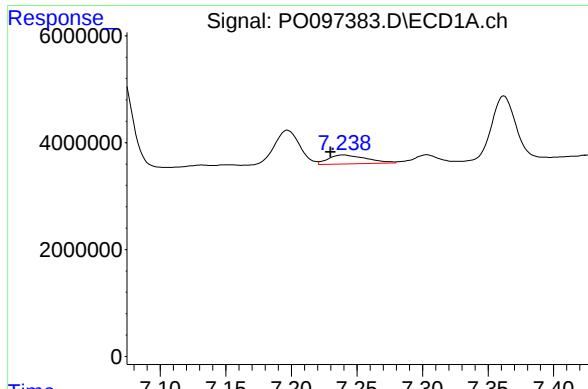
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.008 min
Response: 3591014
Conc: 32.00 ng/ml



#30 AR-1254-5

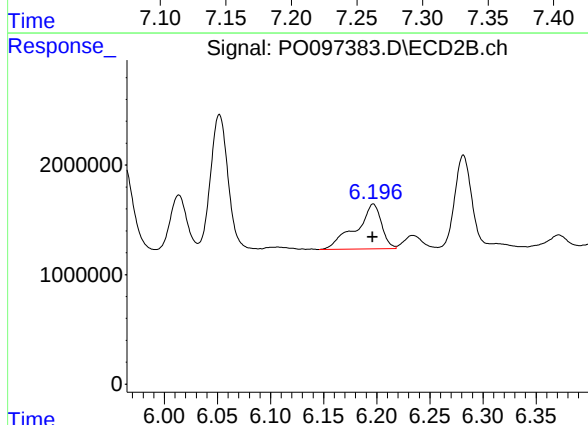
R.T.: 6.700 min
Delta R.T.: -0.014 min
Response: 3900452
Conc: 44.37 ng/ml



#31 AR-1260-1

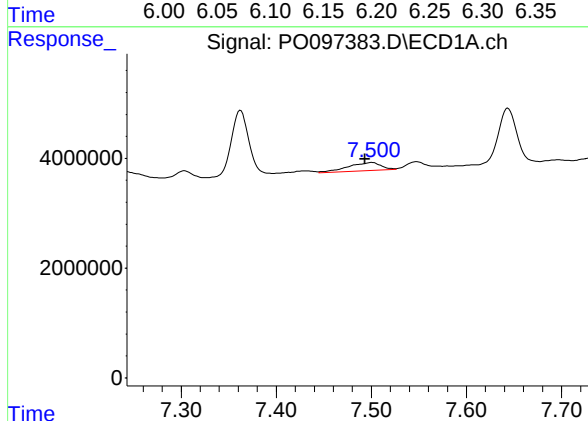
R.T.: 7.239 min
Delta R.T.: 0.010 min
Response: 3340872
Conc: 26.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



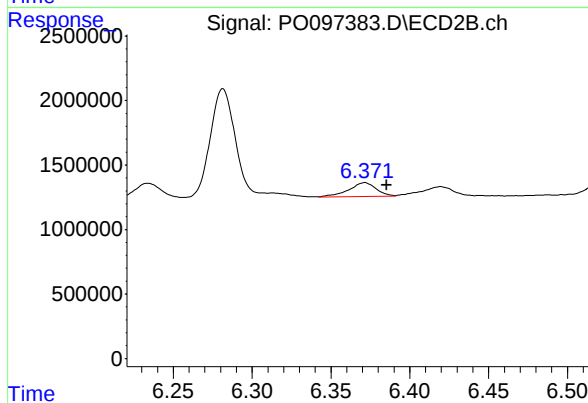
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 6884332
Conc: 97.83 ng/ml



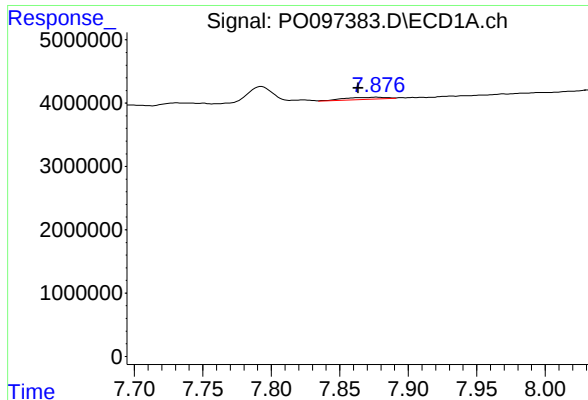
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.007 min
Response: 3582361
Conc: 26.59 ng/ml



#32 AR-1260-2

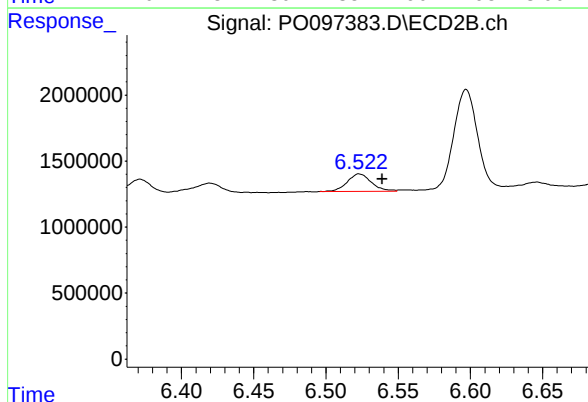
R.T.: 6.371 min
Delta R.T.: -0.014 min
Response: 1306056
Conc: 15.65 ng/ml



#33 AR-1260-3

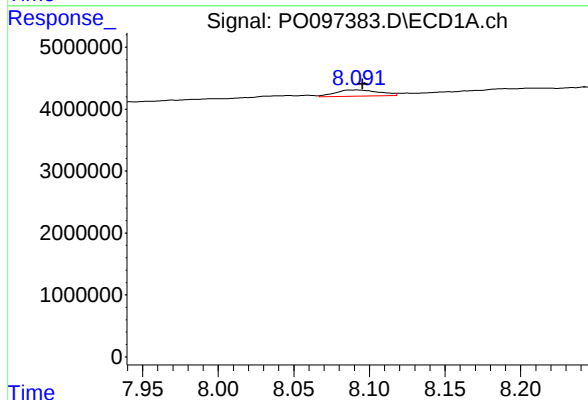
R.T.: 7.877 min
Delta R.T.: 0.014 min
Response: 728329
Conc: 7.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



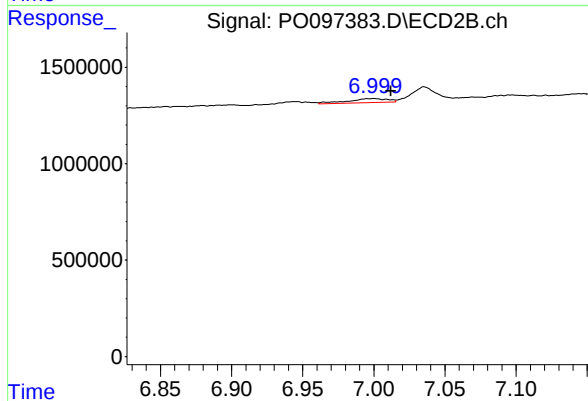
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.016 min
Response: 1526243
Conc: 19.76 ng/ml



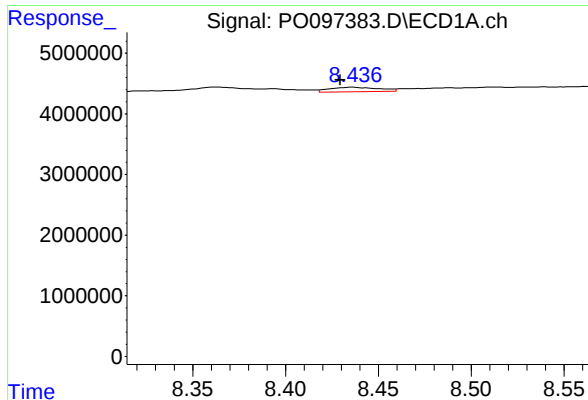
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 1990006
Conc: 17.80 ng/ml



#34 AR-1260-4

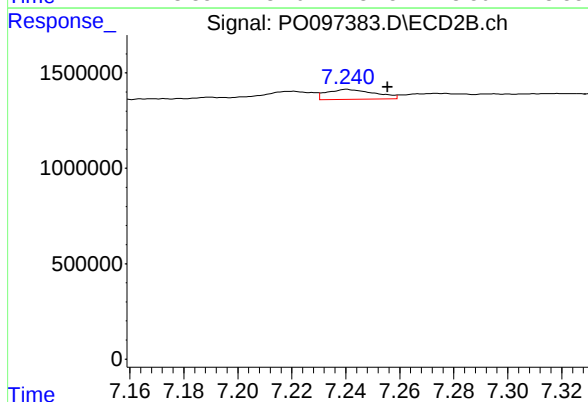
R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 401827
Conc: 6.27 ng/ml



#35 AR-1260-5

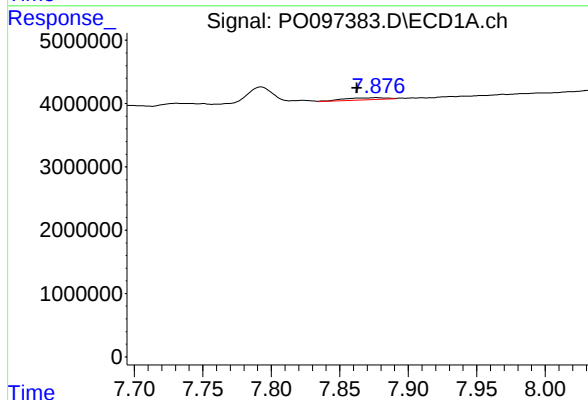
R.T.: 8.437 min
Delta R.T.: 0.007 min
Response: 1348028
Conc: 6.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



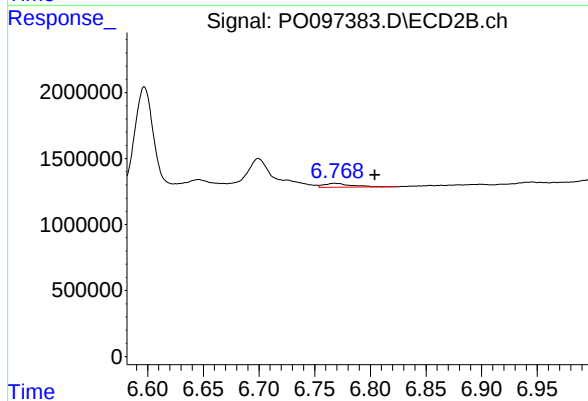
#35 AR-1260-5

R.T.: 7.241 min
Delta R.T.: -0.015 min
Response: 644662
Conc: 4.65 ng/ml



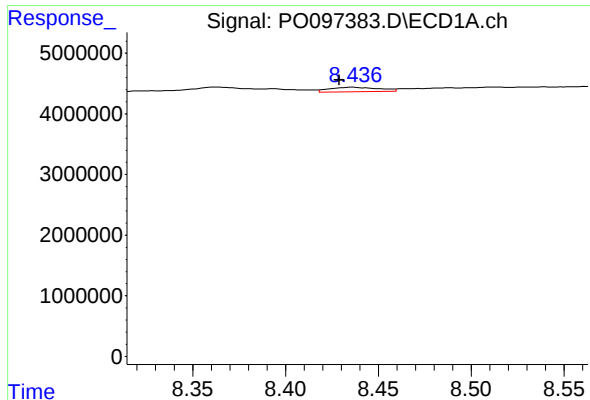
#36 AR-1262-1

R.T.: 7.877 min
Delta R.T.: 0.015 min
Response: 728329
Conc: 4.90 ng/ml



#36 AR-1262-1

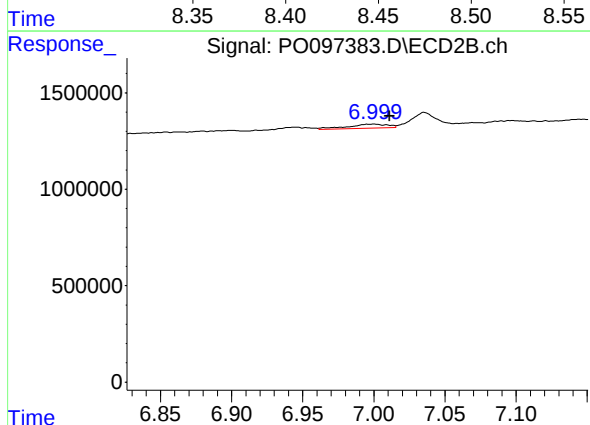
R.T.: 6.768 min
Delta R.T.: -0.036 min
Response: 510789
Conc: 12.97 ng/ml



#37 AR-1262-2

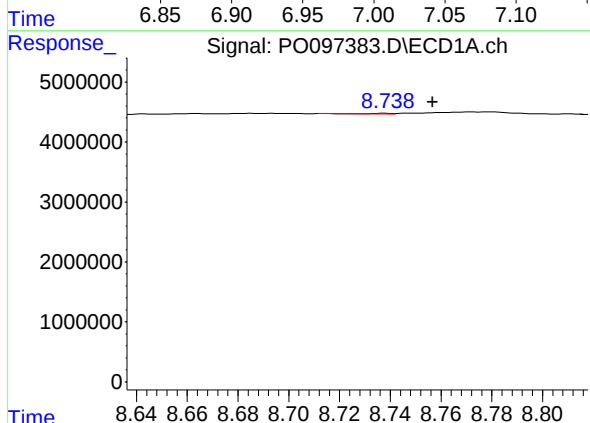
R.T.: 8.437 min
Delta R.T.: 0.008 min
Response: 1348028
Conc: 5.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



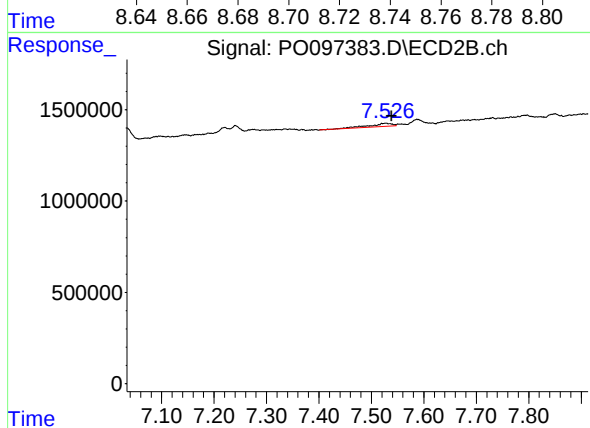
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.011 min
Response: 401827
Conc: 4.95 ng/ml



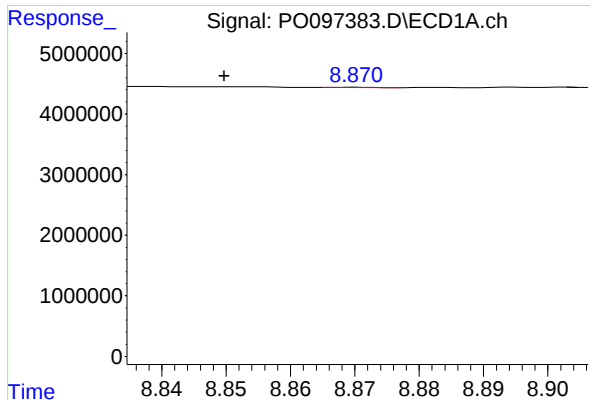
#38 AR-1262-3

R.T.: 8.738 min
Delta R.T.: -0.018 min
Response: 63763
Conc: 0.38 ng/ml



#38 AR-1262-3

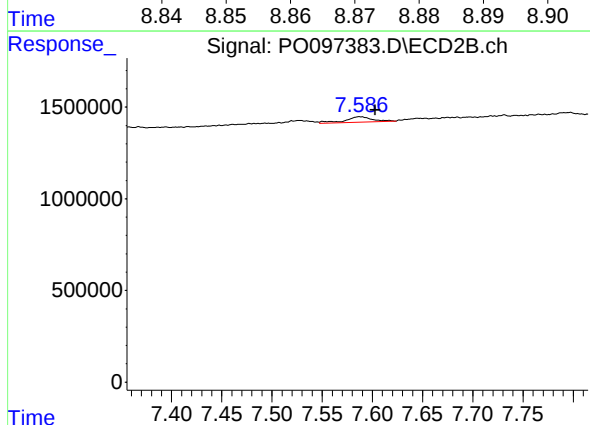
R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 530475
Conc: 8.27 ng/ml



#39 AR-1262-4

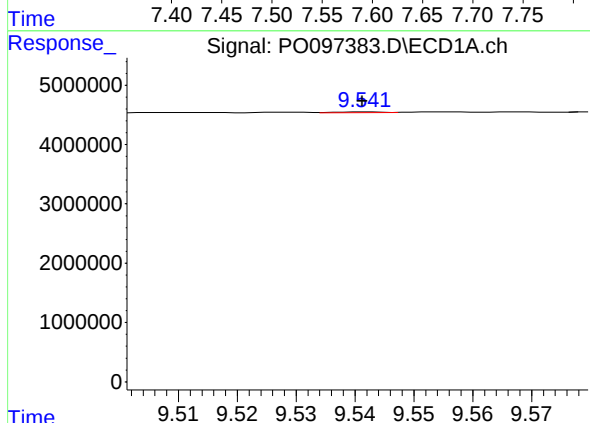
R.T.: 8.870 min
Delta R.T.: 0.021 min
Response: 27080
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



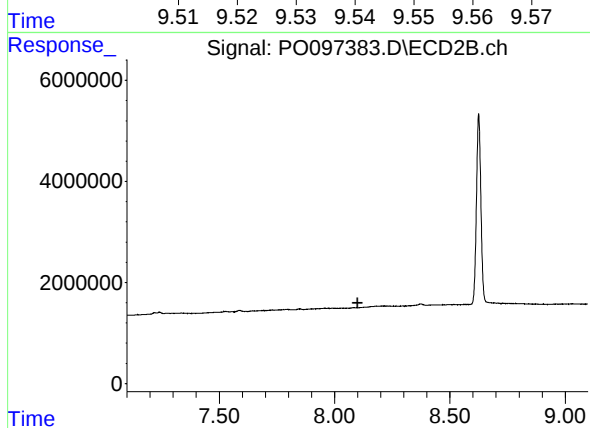
#39 AR-1262-4

R.T.: 7.587 min
Delta R.T.: -0.016 min
Response: 545965
Conc: 4.81 ng/ml



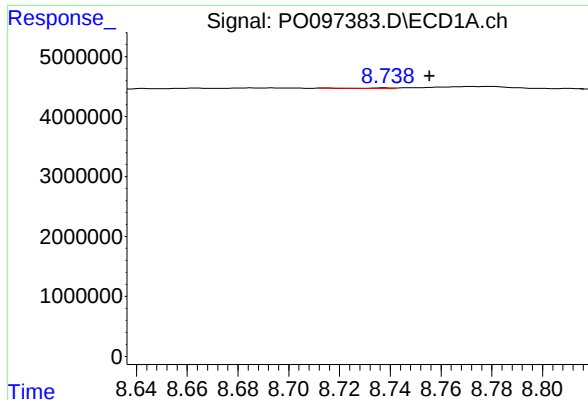
#40 AR-1262-5

R.T.: 9.542 min
Delta R.T.: 0.000 min
Response: 68722
Conc: 0.83 ng/ml



#40 AR-1262-5

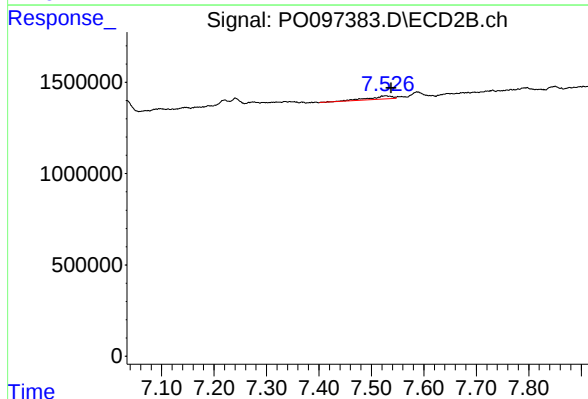
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

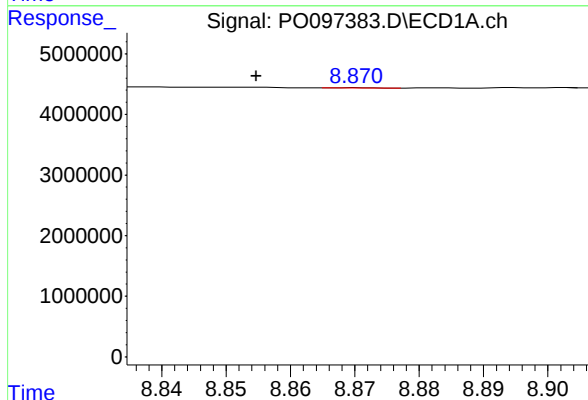
R.T.: 8.738 min
Delta R.T.: -0.017 min
Response: 63763
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



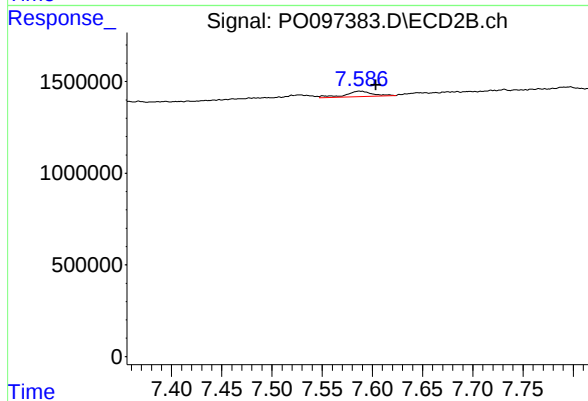
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 530475
Conc: 2.86 ng/ml



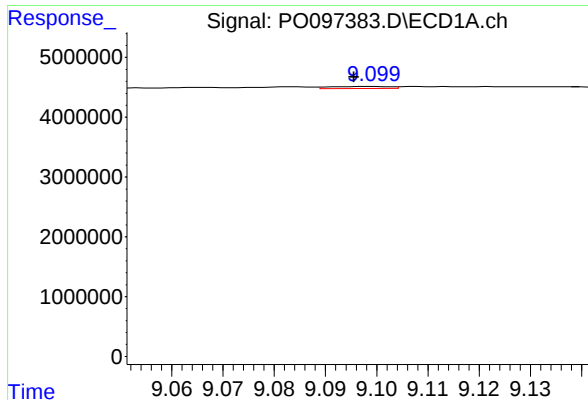
#42 AR-1268-2

R.T.: 8.870 min
Delta R.T.: 0.016 min
Response: 27080
Conc: 0.10 ng/ml



#42 AR-1268-2

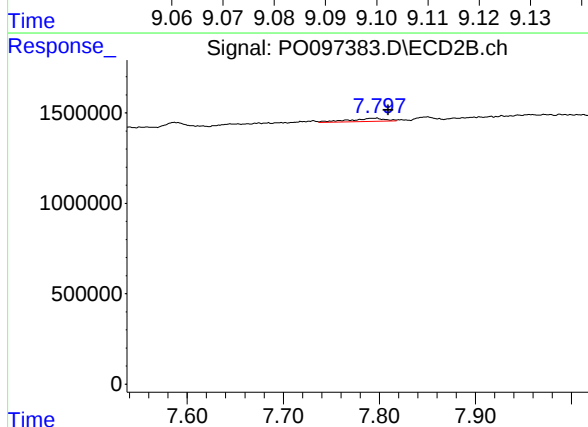
R.T.: 7.587 min
Delta R.T.: -0.017 min
Response: 545965
Conc: 3.26 ng/ml



#43 AR-1268-3

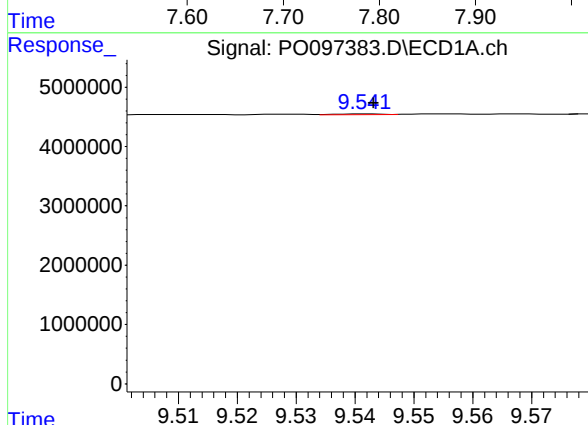
R.T.: 9.099 min
Delta R.T.: 0.004 min
Response: 284406
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



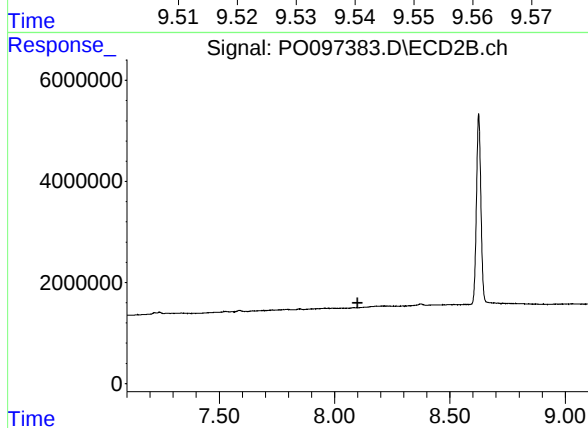
#43 AR-1268-3

R.T.: 7.797 min
Delta R.T.: -0.012 min
Response: 434316
Conc: 3.01 ng/ml



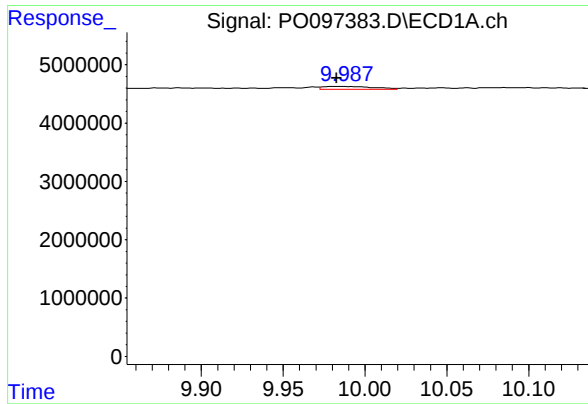
#44 AR-1268-4

R.T.: 9.542 min
Delta R.T.: -0.002 min
Response: 68722
Conc: 0.74 ng/ml



#44 AR-1268-4

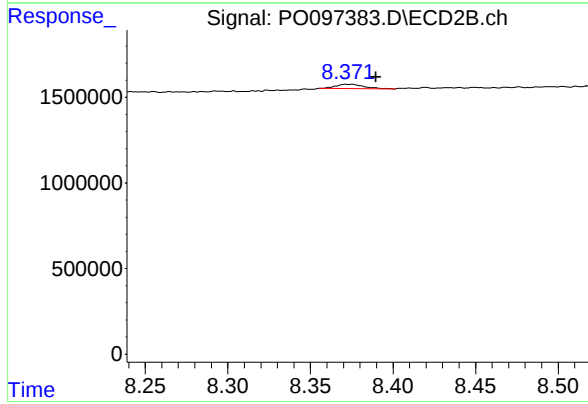
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.005 min
Response: 1094297
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.017 min
Response: 303024
Conc: 0.73 ng/ml