

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
 Data File : P0109148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 12:41
 Operator : YP/AJ
 Sample : Q1168-07
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:14:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 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...	3.700	3.697	137.8E6	92291183	18.242	17.217
2)	SA Decachlor...	8.764	8.715	135.6E6	64962251	19.572	18.891
Target Compounds							
3)	L1 AR-1016-1	4.807	4.814	583445	68067	2.313	0.420 #
4)	L1 AR-1016-2	4.807	4.814	583445	68067	1.692	0.286 #
5)	L1 AR-1016-3	4.887	5.002	33486	100041	0.137	0.767 #
6)	L1 AR-1016-4	4.993	5.028	89359	1219105	0.468	11.031 #
7)	L1 AR-1016-5	5.252	5.256	1274111	1626801	6.103	11.333 #
8)	L2 AR-1221-1	3.907	3.901	695270	207084	6.946	3.162 #
9)	L2 AR-1221-2	4.003	3.997	3012475	2004544	40.486	40.588
10)	L2 AR-1221-3	4.079	4.067	228459	41836	1.098	0.288 #
11)	L3 AR-1232-1	4.079	4.067	228459	41836	1.384	0.362 #
12)	L3 AR-1232-2	4.571	4.792	169578	433119	1.864	3.977 #
13)	L3 AR-1232-3	4.807	4.983	583445	195126	3.643	3.254
14)	L3 AR-1232-4	4.993	5.070	89359	397154	1.015	6.936 #
15)	L3 AR-1232-5	5.044	5.256	965419	1626801	14.894	26.813 #
16)	L4 AR-1242-1	4.807	4.792	583445	433119	2.746	3.031
17)	L4 AR-1242-2	4.807	4.792	583445	433119	2.035	2.196
18)	L4 AR-1242-3	4.887	4.983	33486	195126	0.164	1.789 #
19)	L4 AR-1242-4	4.993	5.070	89359	397154	0.562	3.495 #
20)	L4 AR-1242-5	5.629	5.583	2731040	1047501	16.350	7.658 #
21)	L5 AR-1248-1	4.807	4.792	583445	433119	3.656	4.036
22)	L5 AR-1248-2	5.044	5.028	965419	1219105	4.320	7.917 #
23)	L5 AR-1248-3	5.252	5.070	1274111	397154	4.652	2.402 #
24)	L5 AR-1248-4	5.605	5.256	600312	1626801	1.561	8.495 #
25)	L5 AR-1248-5	5.629	5.607	2731040	2576859	10.280	14.065 #
26)	L6 AR-1254-1	5.605	5.583	600312	1047501	1.452	3.727 #
27)	L6 AR-1254-2	5.757	5.731	360064	1584180	0.995	6.330 #
28)	L6 AR-1254-3	6.169	6.147	521859	1257812	0.925	3.202 #
29)	L6 AR-1254-4	6.385	6.358	101309	326199	0.294	1.480 #
30)	L6 AR-1254-5	6.851f	6.778	5065343	100701	9.872	0.308 #
31)	L7 AR-1260-1	6.277	6.285	102423	231589	0.269	0.919 #
32)	L7 AR-1260-2	6.479	6.478	203647	192848	0.434	0.641 #
33)	L7 AR-1260-3	6.851	6.615	5065343	441128	12.936	1.585 #
34)	L7 AR-1260-4	7.111	7.115	6938467	64018	19.383	0.284 #
35)	L7 AR-1260-5	7.352	7.347	2809496	175858	3.366	0.351 #
36)	L8 AR-1262-1	6.851	6.821	5065343	3193855	9.485	9.384
37)	L8 AR-1262-2	7.352	7.319	2809496	2018772	3.056	3.640
38)	L8 AR-1262-3	7.639	7.604	22861278	13128723	62.707	61.223
39)	L8 AR-1262-4	7.703	7.669	20350022	11521218	29.595	29.399
40)	L8 AR-1262-5	8.200	8.161	7572055	3616646	25.063	22.680
41)	L9 AR-1268-1	7.639	7.604	22861278	13128723	21.472	20.856

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 Misc : AR1268 LOD 25 PPB
 ALS Vial : 15 Sample Multiplier: 1

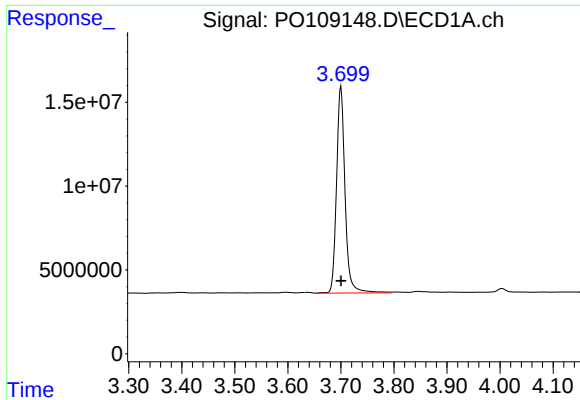
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:14:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.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	7.703	7.669	20350022	11521218	20.999	20.173
43) L9	AR-1268-3	7.912	7.877	17567283	9839684	21.807	21.364
44) L9	AR-1268-4	8.200	8.161	7572055	3616646	22.104	20.035
45) L9	AR-1268-5	8.500	8.456	48182541	23645830	20.148	19.760

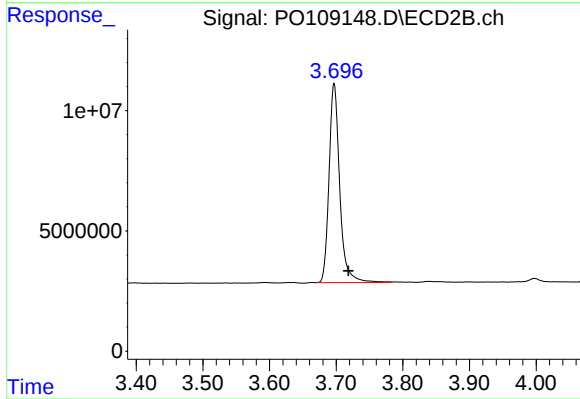
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

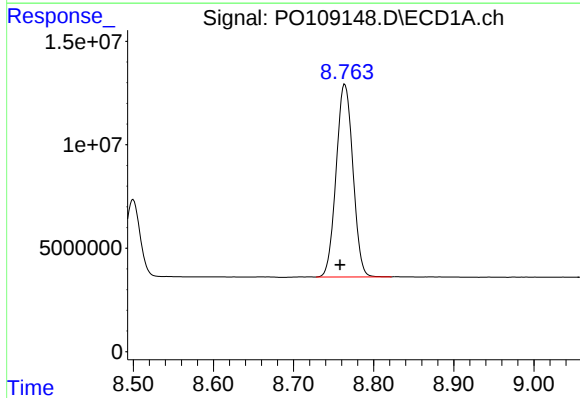
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 137843209
Conc: 18.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



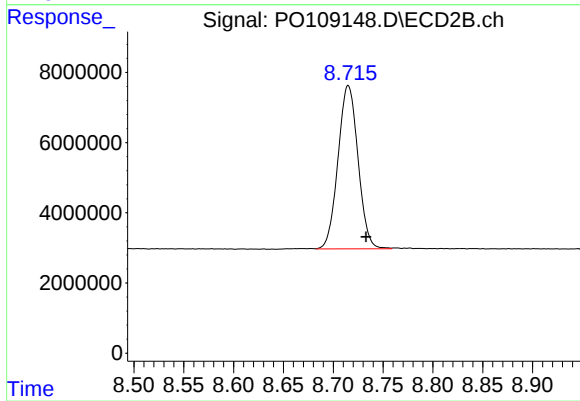
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.022 min
Response: 92291183
Conc: 17.22 ng/ml



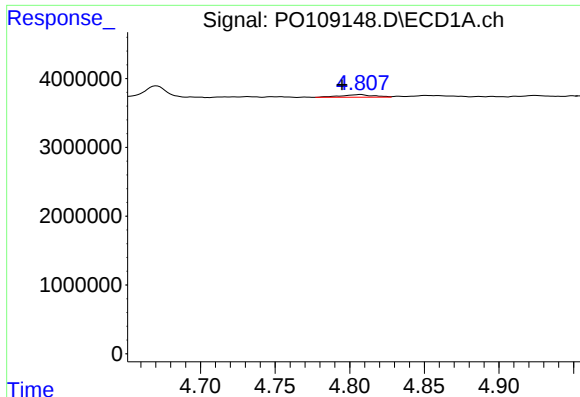
#2 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: 0.006 min
Response: 135586718
Conc: 19.57 ng/ml



#2 Decachlorobiphenyl

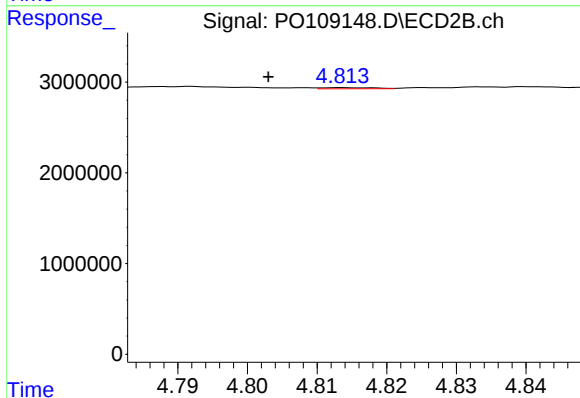
R.T.: 8.715 min
Delta R.T.: -0.018 min
Response: 64962251
Conc: 18.89 ng/ml



#3 AR-1016-1

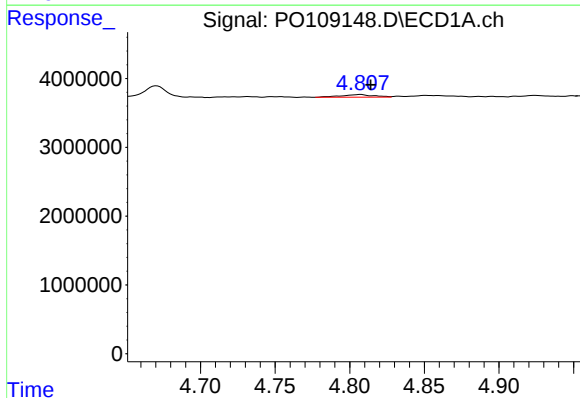
R.T.: 4.807 min
Delta R.T.: 0.013 min
Response: 583445
Conc: 2.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



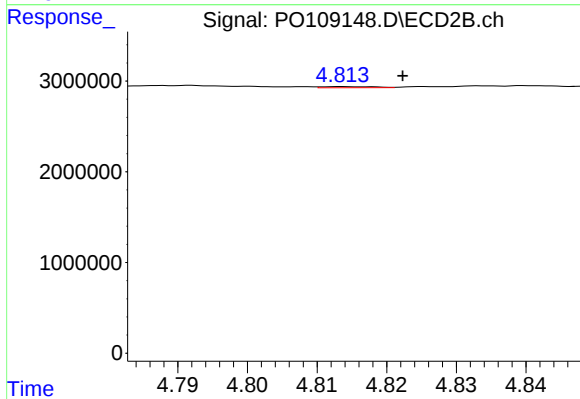
#3 AR-1016-1

R.T.: 4.814 min
Delta R.T.: 0.011 min
Response: 68067
Conc: 0.42 ng/ml



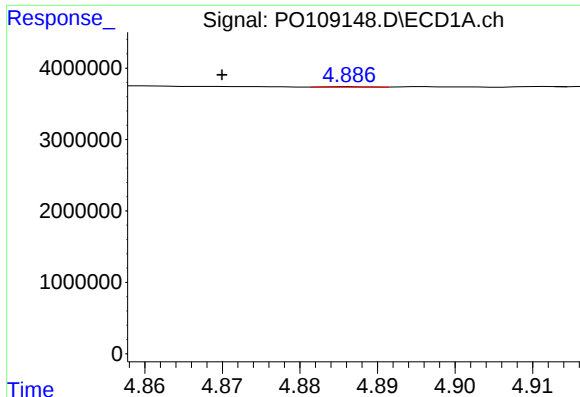
#4 AR-1016-2

R.T.: 4.807 min
Delta R.T.: -0.007 min
Response: 583445
Conc: 1.69 ng/ml



#4 AR-1016-2

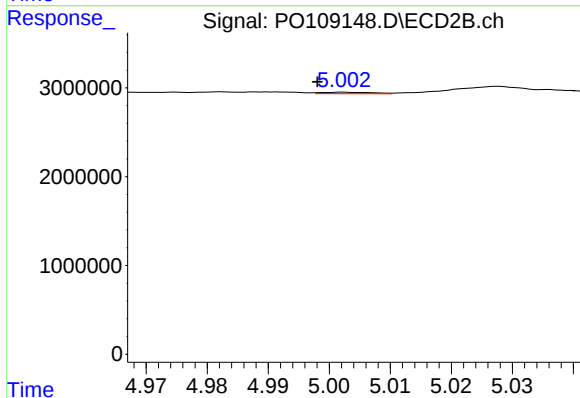
R.T.: 4.814 min
Delta R.T.: -0.009 min
Response: 68067
Conc: 0.29 ng/ml



#5 AR-1016-3

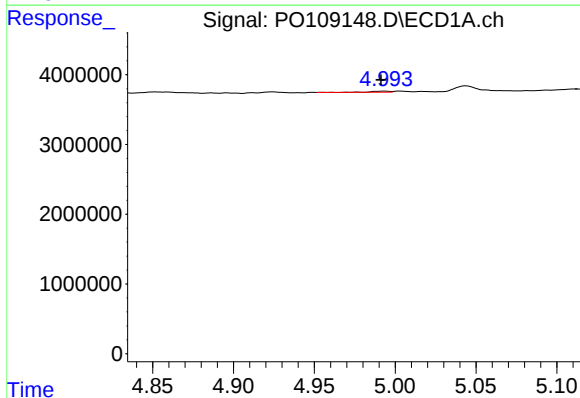
R.T.: 4.887 min
Delta R.T.: 0.017 min
Response: 33486
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



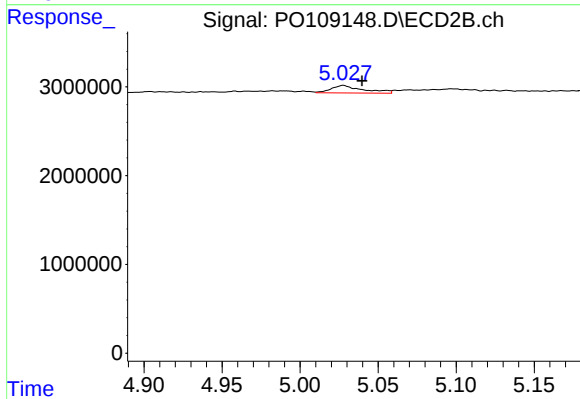
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: 0.004 min
Response: 100041
Conc: 0.77 ng/ml



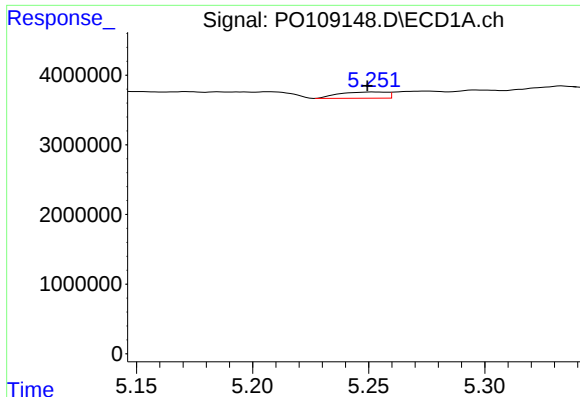
#6 AR-1016-4

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 89359
Conc: 0.47 ng/ml



#6 AR-1016-4

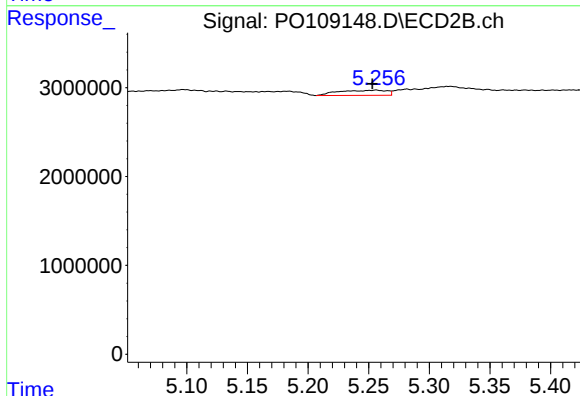
R.T.: 5.028 min
Delta R.T.: -0.012 min
Response: 1219105
Conc: 11.03 ng/ml



#7 AR-1016-5

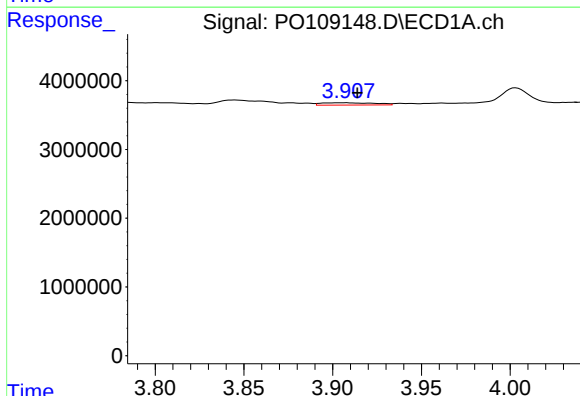
R.T.: 5.252 min
Delta R.T.: 0.003 min
Response: 1274111
Conc: 6.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



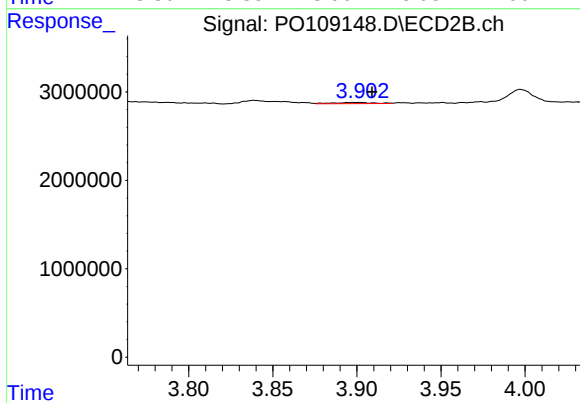
#7 AR-1016-5

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 1626801
Conc: 11.33 ng/ml



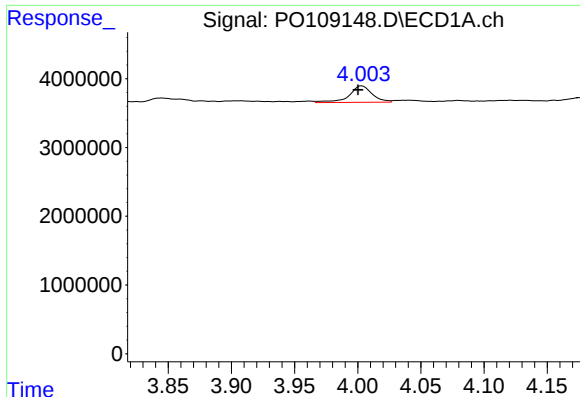
#8 AR-1221-1

R.T.: 3.907 min
Delta R.T.: -0.007 min
Response: 695270
Conc: 6.95 ng/ml



#8 AR-1221-1

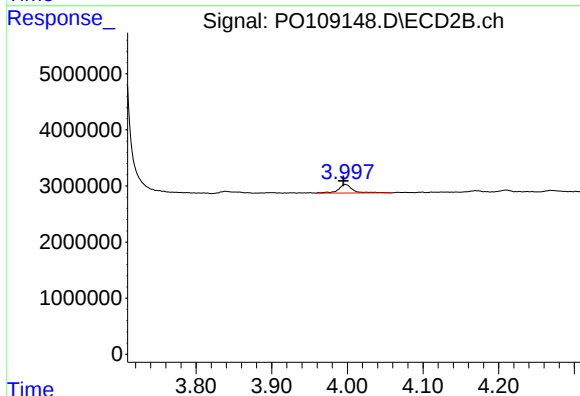
R.T.: 3.901 min
Delta R.T.: -0.008 min
Response: 207084
Conc: 3.16 ng/ml



#9 AR-1221-2

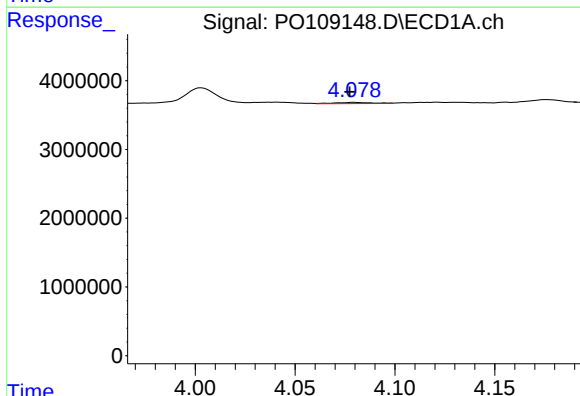
R.T.: 4.003 min
Delta R.T.: 0.003 min
Response: 3012475
Conc: 40.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



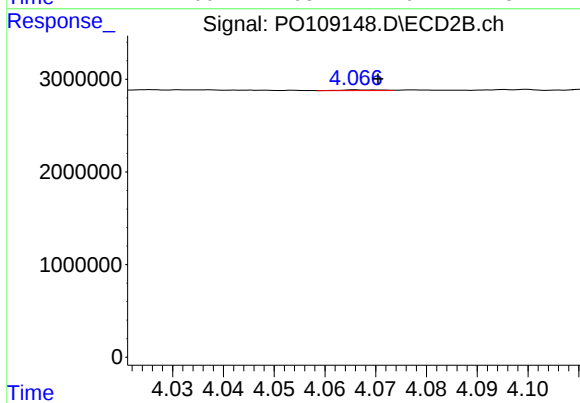
#9 AR-1221-2

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 2004544
Conc: 40.59 ng/ml



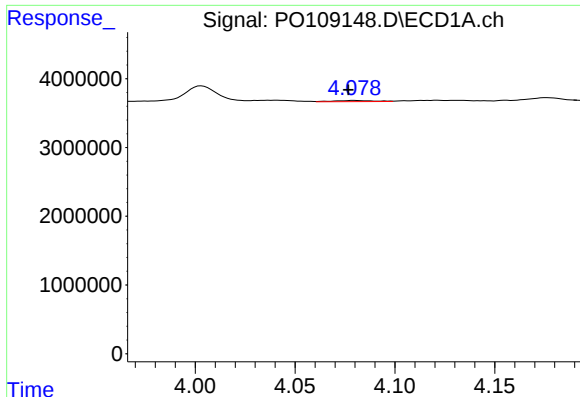
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: 0.002 min
Response: 228459
Conc: 1.10 ng/ml



#10 AR-1221-3

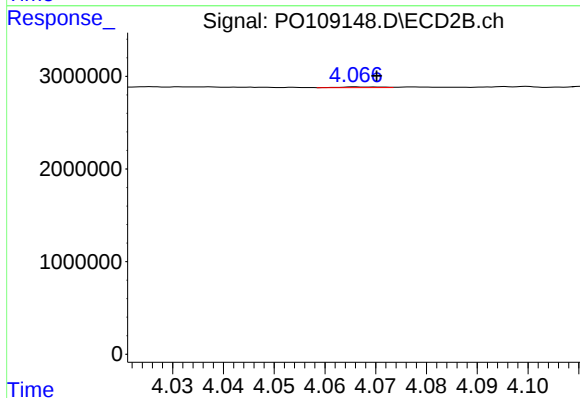
R.T.: 4.067 min
Delta R.T.: -0.004 min
Response: 41836
Conc: 0.29 ng/ml



#11 AR-1232-1

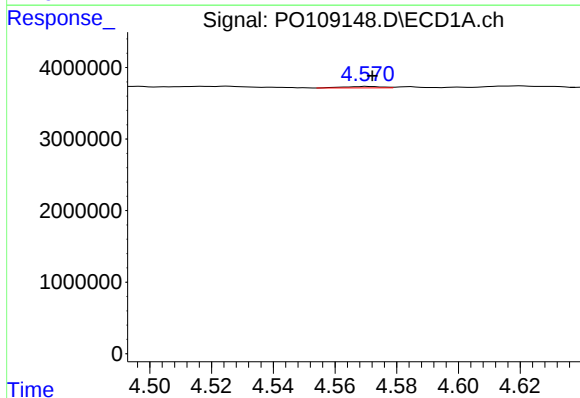
R.T.: 4.079 min
Delta R.T.: 0.003 min
Response: 228459
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



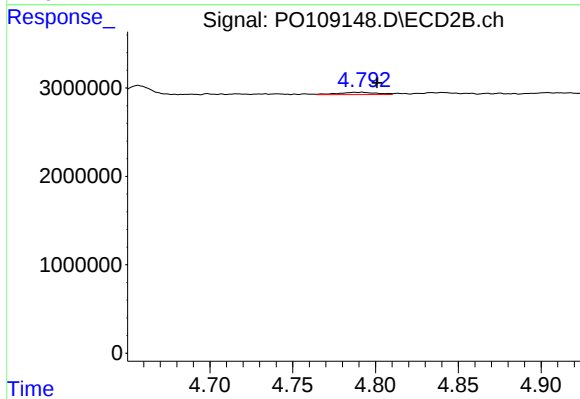
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: -0.004 min
Response: 41836
Conc: 0.36 ng/ml



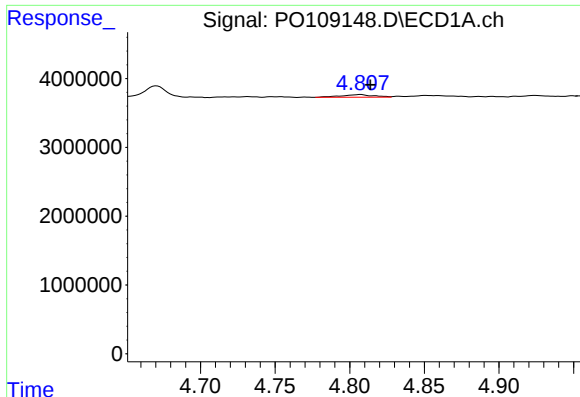
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: -0.002 min
Response: 169578
Conc: 1.86 ng/ml



#12 AR-1232-2

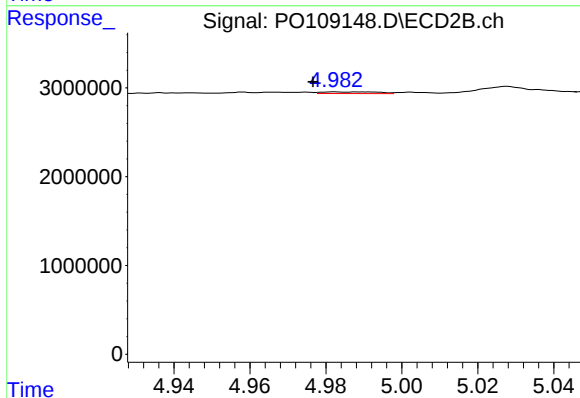
R.T.: 4.792 min
Delta R.T.: -0.009 min
Response: 433119
Conc: 3.98 ng/ml



#13 AR-1232-3

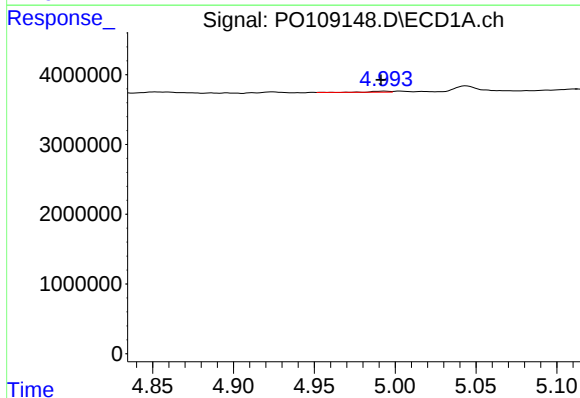
R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 583445
Conc: 3.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



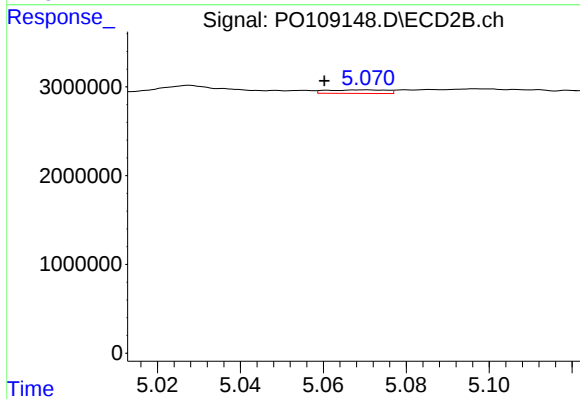
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: 0.006 min
Response: 195126
Conc: 3.25 ng/ml



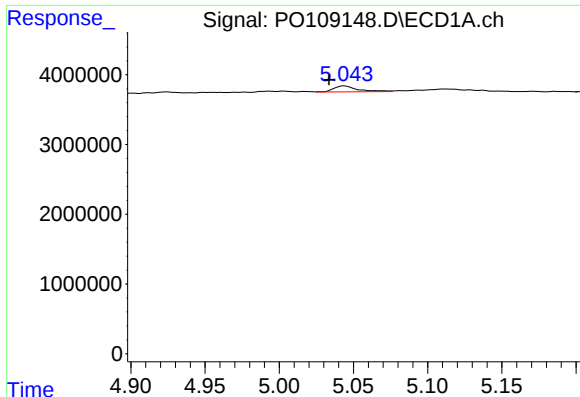
#14 AR-1232-4

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 89359
Conc: 1.02 ng/ml



#14 AR-1232-4

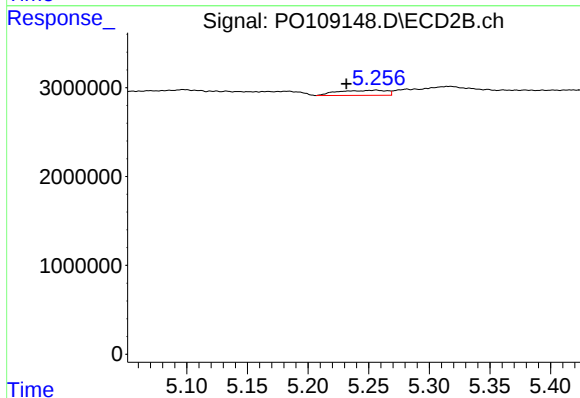
R.T.: 5.070 min
Delta R.T.: 0.010 min
Response: 397154
Conc: 6.94 ng/ml



#15 AR-1232-5

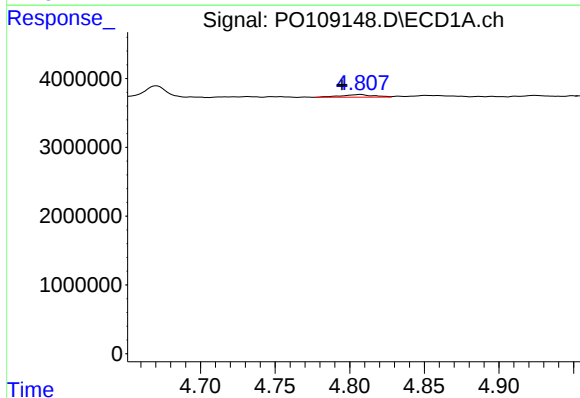
R.T.: 5.044 min
Delta R.T.: 0.011 min
Response: 965419
Conc: 14.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



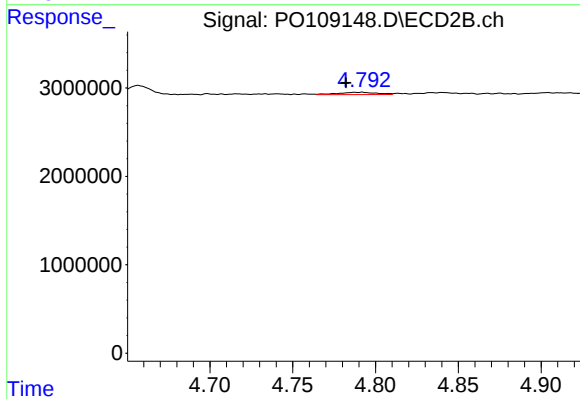
#15 AR-1232-5

R.T.: 5.256 min
Delta R.T.: 0.024 min
Response: 1626801
Conc: 26.81 ng/ml



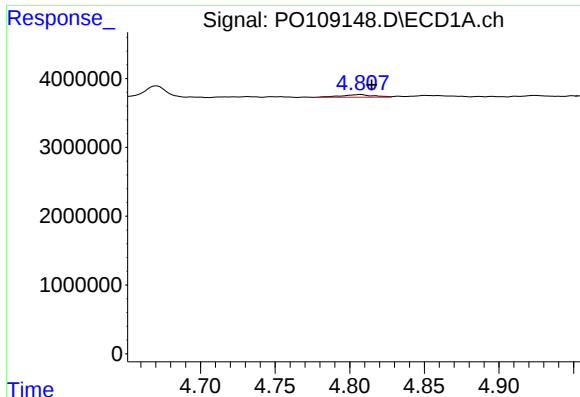
#16 AR-1242-1

R.T.: 4.807 min
Delta R.T.: 0.012 min
Response: 583445
Conc: 2.75 ng/ml



#16 AR-1242-1

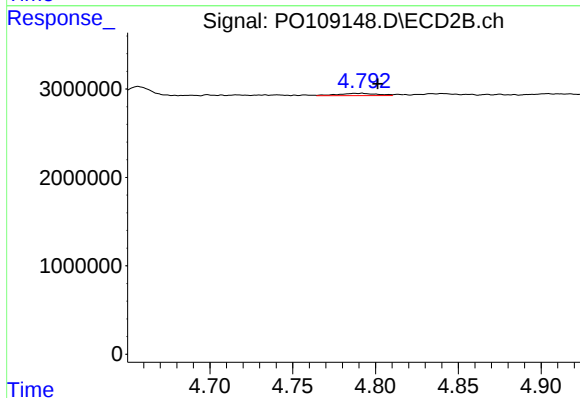
R.T.: 4.792 min
Delta R.T.: 0.009 min
Response: 433119
Conc: 3.03 ng/ml



#17 AR-1242-2

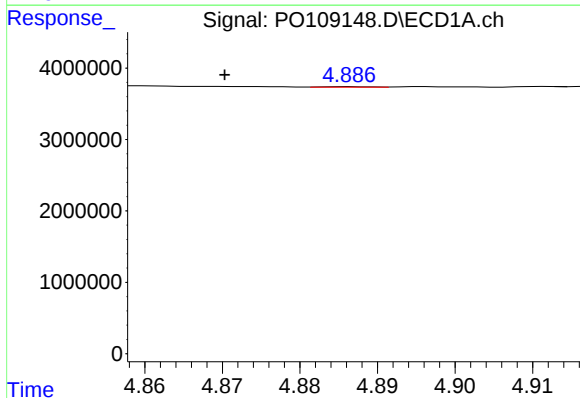
R.T.: 4.807 min
Delta R.T.: -0.007 min
Response: 583445
Conc: 2.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



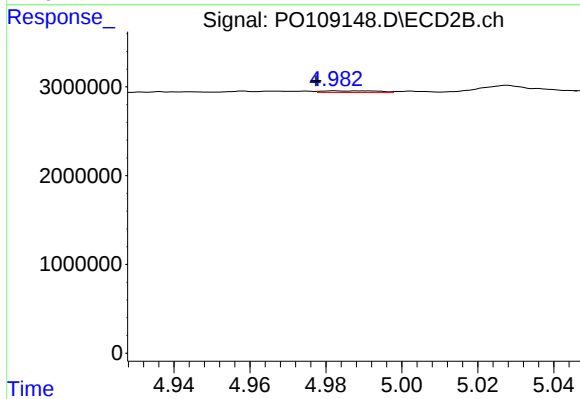
#17 AR-1242-2

R.T.: 4.792 min
Delta R.T.: -0.010 min
Response: 433119
Conc: 2.20 ng/ml



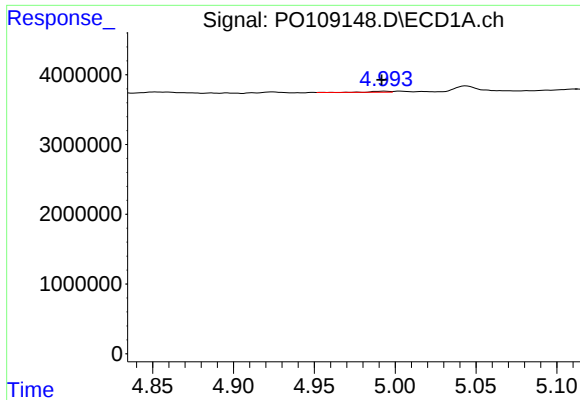
#18 AR-1242-3

R.T.: 4.887 min
Delta R.T.: 0.016 min
Response: 33486
Conc: 0.16 ng/ml



#18 AR-1242-3

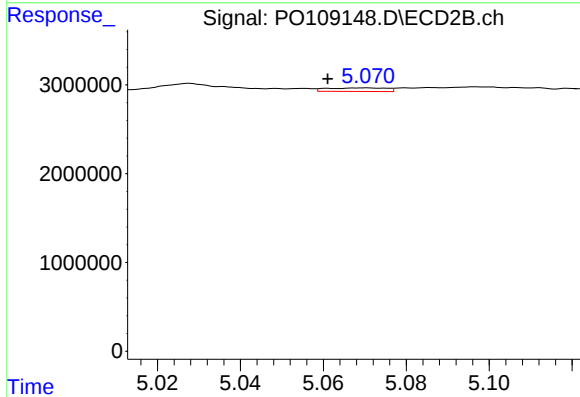
R.T.: 4.983 min
Delta R.T.: 0.005 min
Response: 195126
Conc: 1.79 ng/ml



#19 AR-1242-4

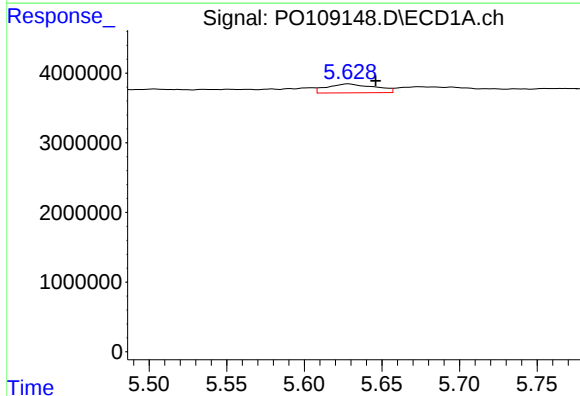
R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 89359
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



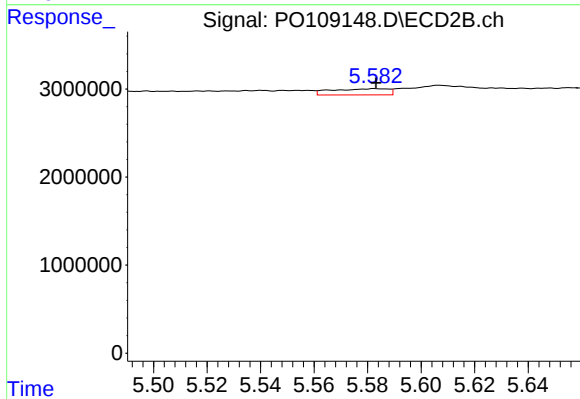
#19 AR-1242-4

R.T.: 5.070 min
Delta R.T.: 0.009 min
Response: 397154
Conc: 3.49 ng/ml



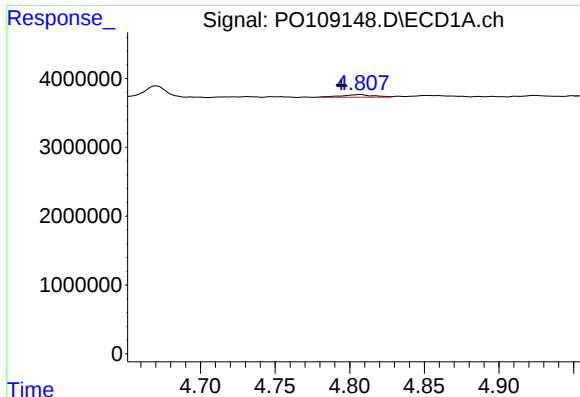
#20 AR-1242-5

R.T.: 5.629 min
Delta R.T.: -0.017 min
Response: 2731040
Conc: 16.35 ng/ml



#20 AR-1242-5

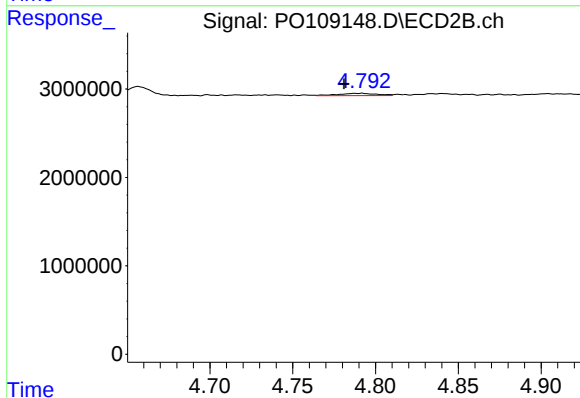
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 1047501
Conc: 7.66 ng/ml



#21 AR-1248-1

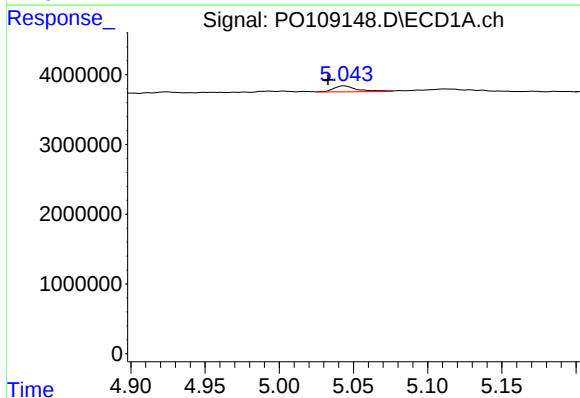
R.T.: 4.807 min
Delta R.T.: 0.013 min
Response: 583445
Conc: 3.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



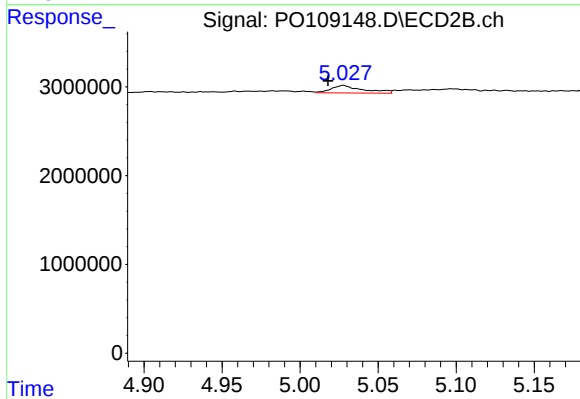
#21 AR-1248-1

R.T.: 4.792 min
Delta R.T.: 0.011 min
Response: 433119
Conc: 4.04 ng/ml



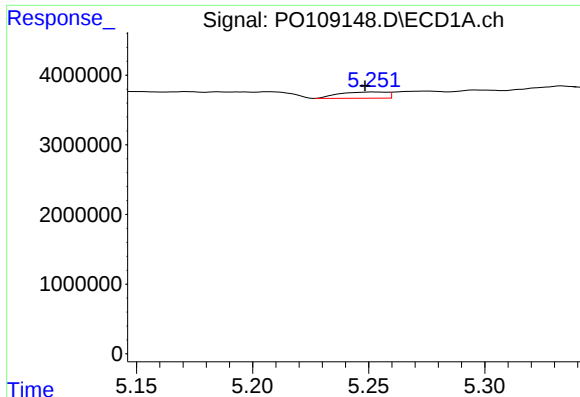
#22 AR-1248-2

R.T.: 5.044 min
Delta R.T.: 0.011 min
Response: 965419
Conc: 4.32 ng/ml



#22 AR-1248-2

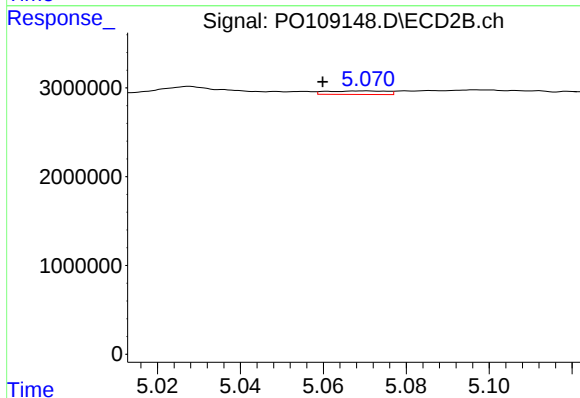
R.T.: 5.028 min
Delta R.T.: 0.010 min
Response: 1219105
Conc: 7.92 ng/ml



#23 AR-1248-3

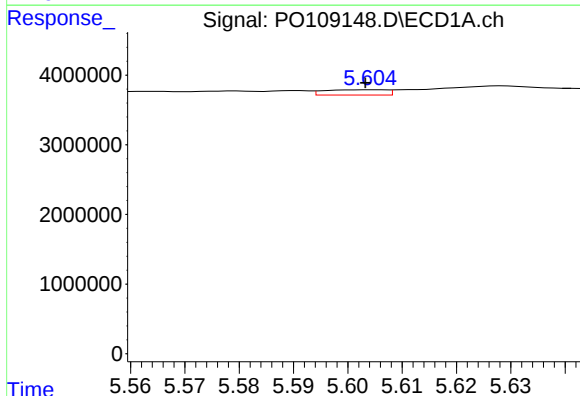
R.T.: 5.252 min
Delta R.T.: 0.004 min
Response: 1274111
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



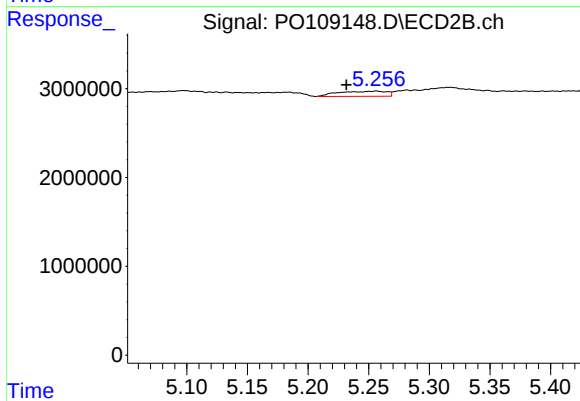
#23 AR-1248-3

R.T.: 5.070 min
Delta R.T.: 0.010 min
Response: 397154
Conc: 2.40 ng/ml



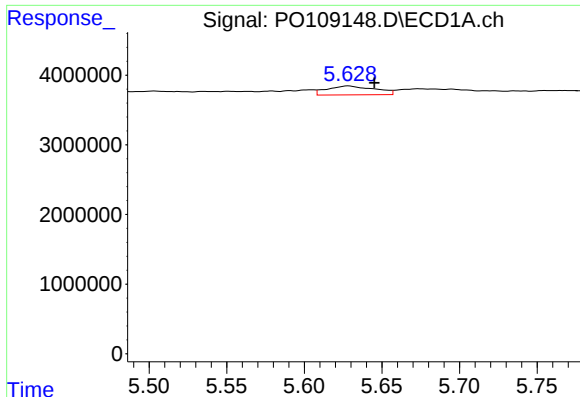
#24 AR-1248-4

R.T.: 5.605 min
Delta R.T.: 0.001 min
Response: 600312
Conc: 1.56 ng/ml



#24 AR-1248-4

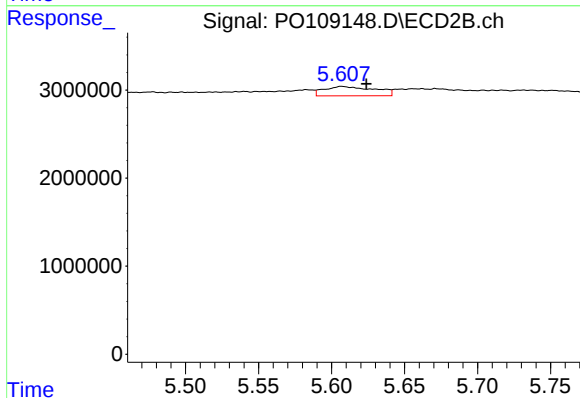
R.T.: 5.256 min
Delta R.T.: 0.024 min
Response: 1626801
Conc: 8.49 ng/ml



#25 AR-1248-5

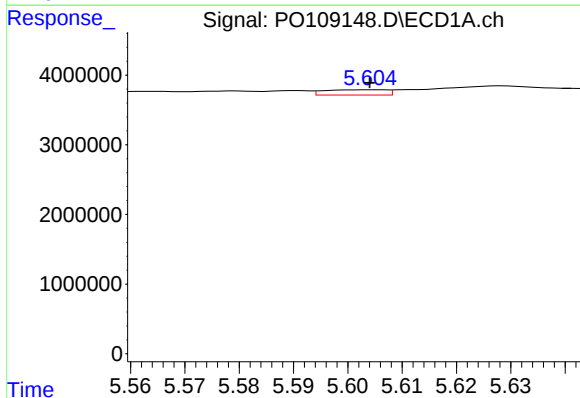
R.T.: 5.629 min
Delta R.T.: -0.017 min
Response: 2731040
Conc: 10.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



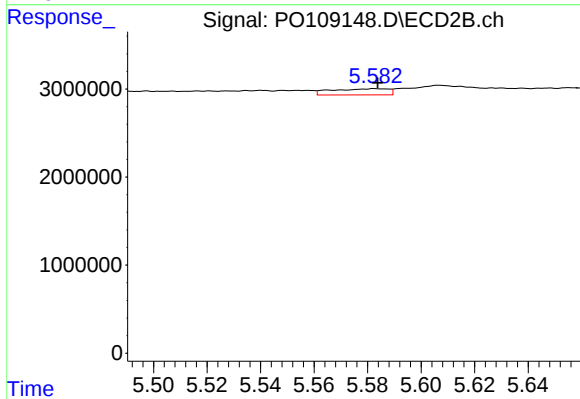
#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: -0.017 min
Response: 2576859
Conc: 14.06 ng/ml



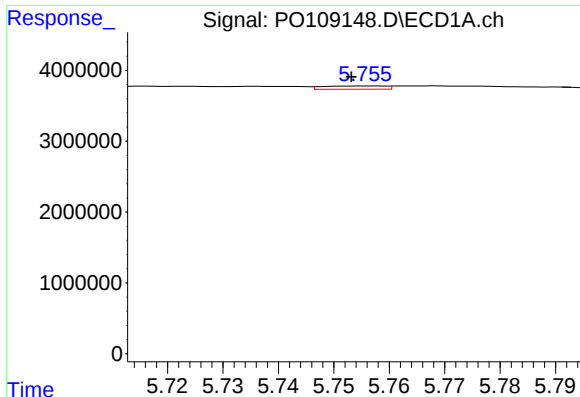
#26 AR-1254-1

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 600312
Conc: 1.45 ng/ml



#26 AR-1254-1

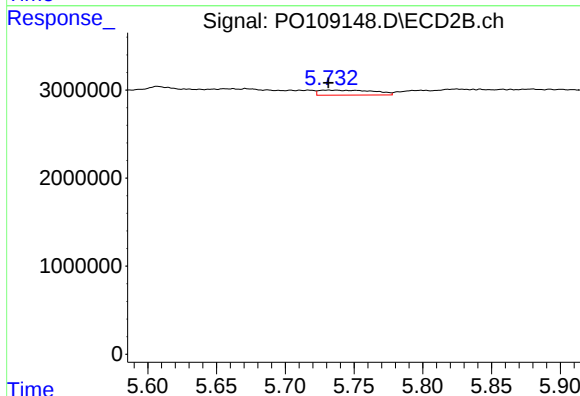
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 1047501
Conc: 3.73 ng/ml



#27 AR-1254-2

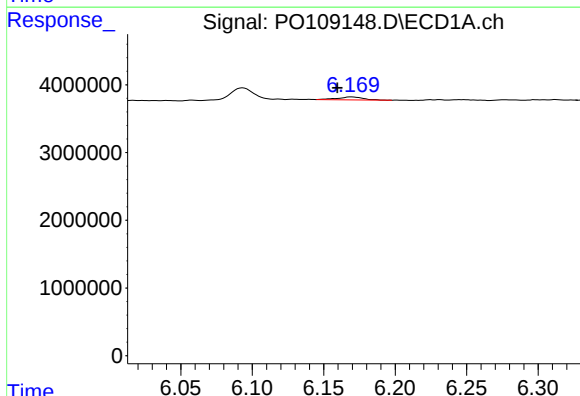
R.T.: 5.757 min
Delta R.T.: 0.003 min
Response: 360064
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



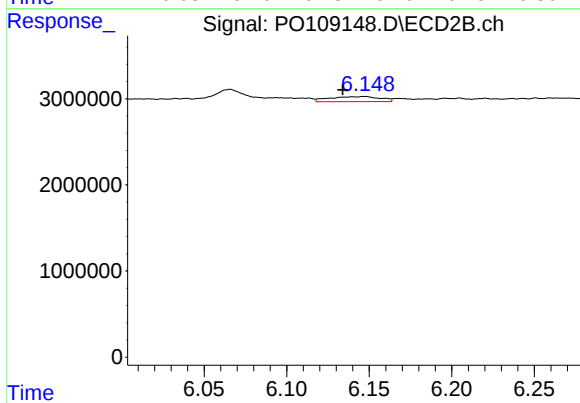
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 1584180
Conc: 6.33 ng/ml



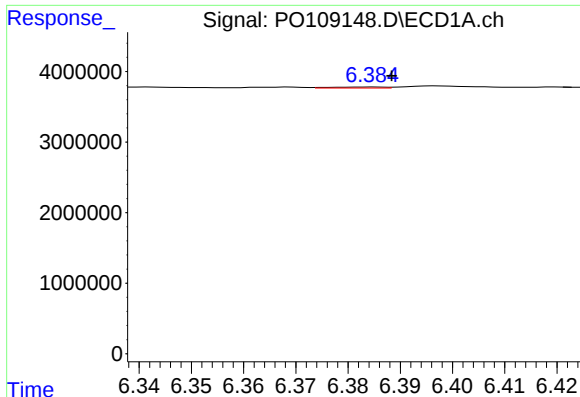
#28 AR-1254-3

R.T.: 6.169 min
Delta R.T.: 0.010 min
Response: 521859
Conc: 0.93 ng/ml



#28 AR-1254-3

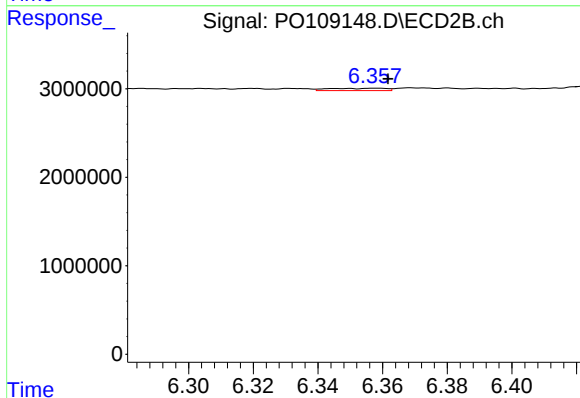
R.T.: 6.147 min
Delta R.T.: 0.013 min
Response: 1257812
Conc: 3.20 ng/ml



#29 AR-1254-4

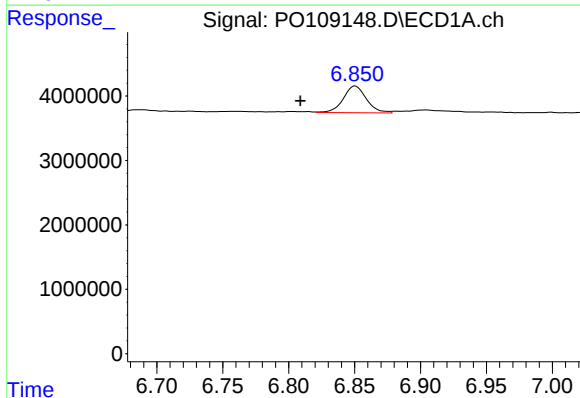
R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 101309
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



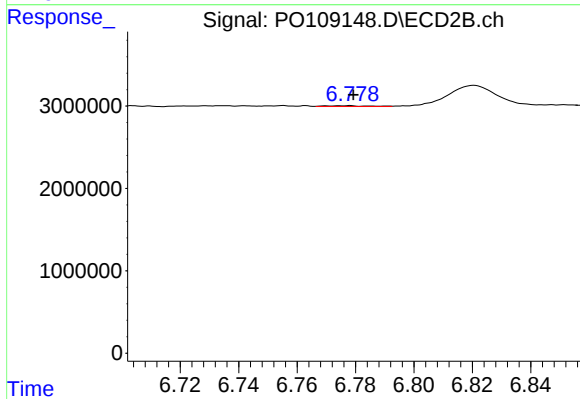
#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 326199
Conc: 1.48 ng/ml



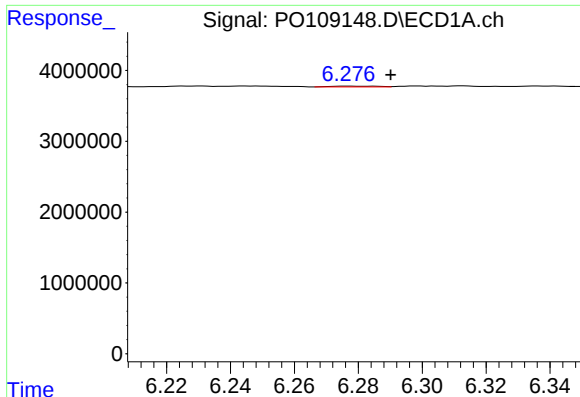
#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: 0.042 min
Response: 5065343
Conc: 9.87 ng/ml



#30 AR-1254-5

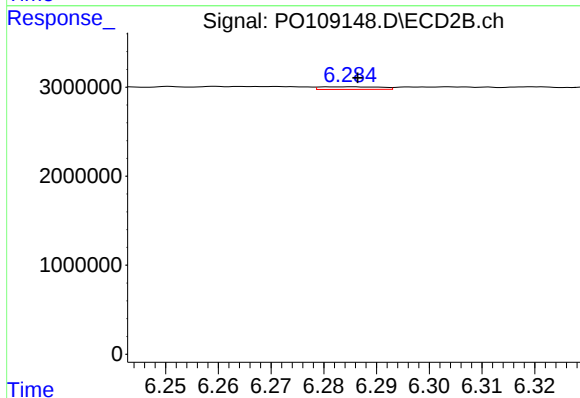
R.T.: 6.778 min
Delta R.T.: -0.002 min
Response: 100701
Conc: 0.31 ng/ml



#31 AR-1260-1

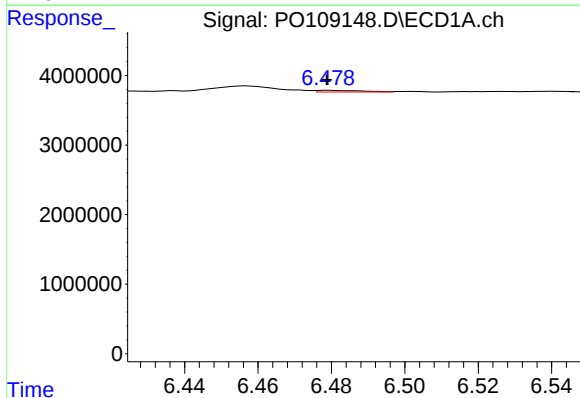
R.T.: 6.277 min
Delta R.T.: -0.013 min
Response: 102423
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



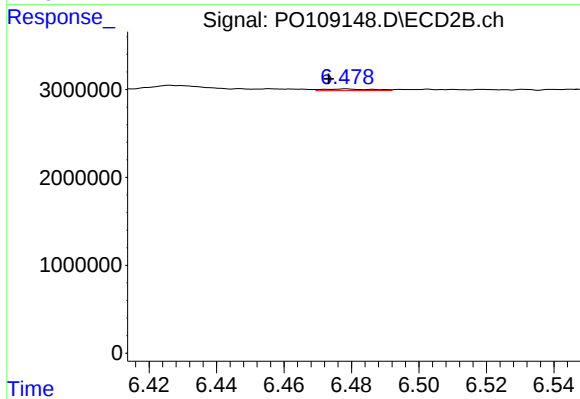
#31 AR-1260-1

R.T.: 6.285 min
Delta R.T.: -0.001 min
Response: 231589
Conc: 0.92 ng/ml



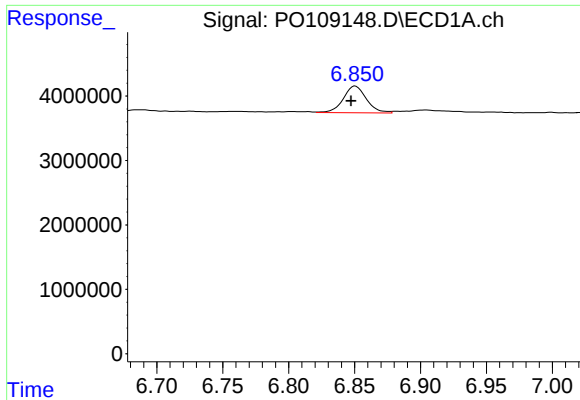
#32 AR-1260-2

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 203647
Conc: 0.43 ng/ml



#32 AR-1260-2

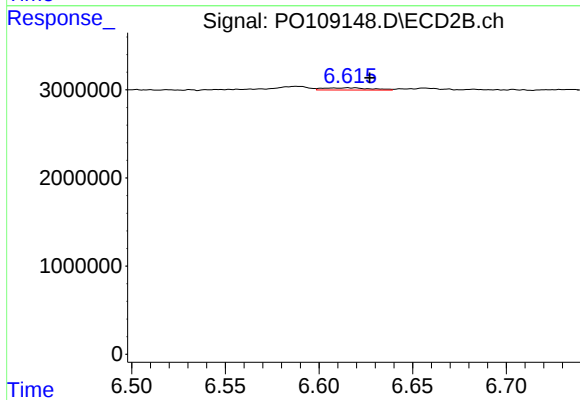
R.T.: 6.478 min
Delta R.T.: 0.005 min
Response: 192848
Conc: 0.64 ng/ml



#33 AR-1260-3

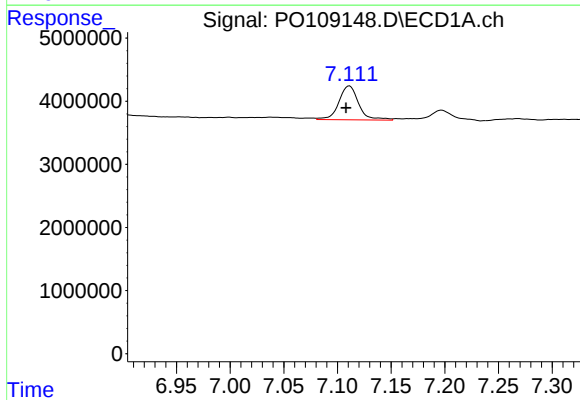
R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 5065343
Conc: 12.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



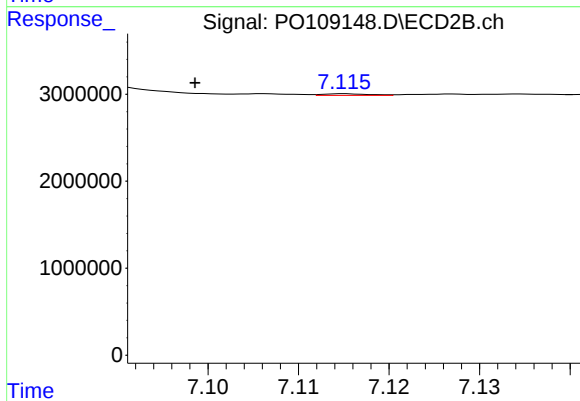
#33 AR-1260-3

R.T.: 6.615 min
Delta R.T.: -0.012 min
Response: 441128
Conc: 1.58 ng/ml



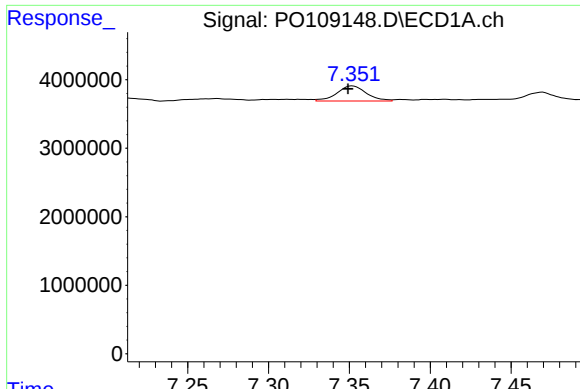
#34 AR-1260-4

R.T.: 7.111 min
Delta R.T.: 0.003 min
Response: 6938467
Conc: 19.38 ng/ml



#34 AR-1260-4

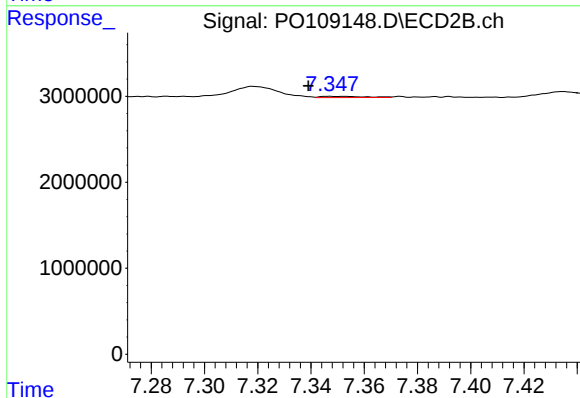
R.T.: 7.115 min
Delta R.T.: 0.017 min
Response: 64018
Conc: 0.28 ng/ml



#35 AR-1260-5

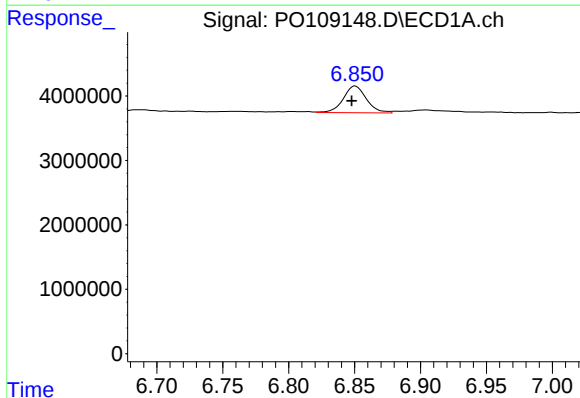
R.T.: 7.352 min
Delta R.T.: 0.003 min
Response: 2809496
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



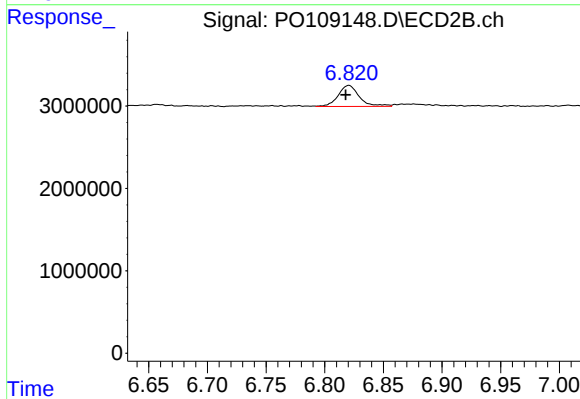
#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.008 min
Response: 175858
Conc: 0.35 ng/ml



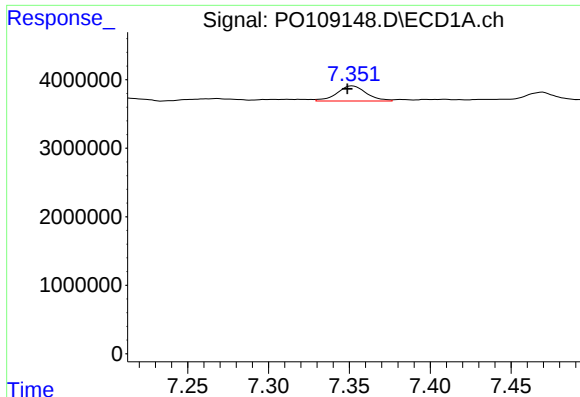
#36 AR-1262-1

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 5065343
Conc: 9.49 ng/ml



#36 AR-1262-1

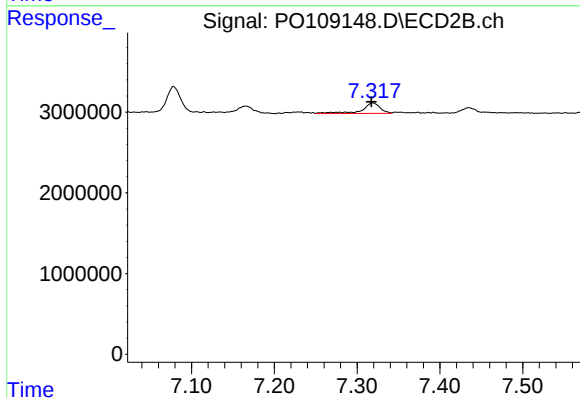
R.T.: 6.821 min
Delta R.T.: 0.002 min
Response: 3193855
Conc: 9.38 ng/ml



#37 AR-1262-2

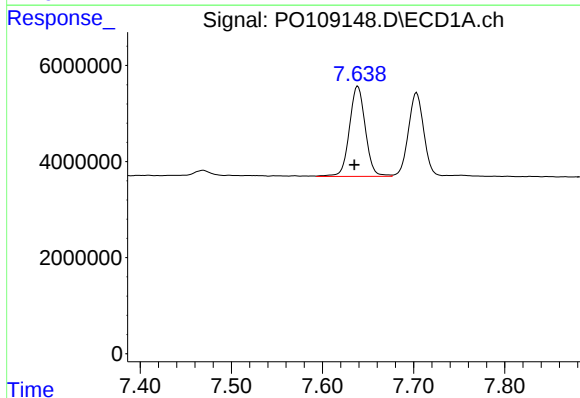
R.T.: 7.352 min
Delta R.T.: 0.003 min
Response: 2809496
Conc: 3.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



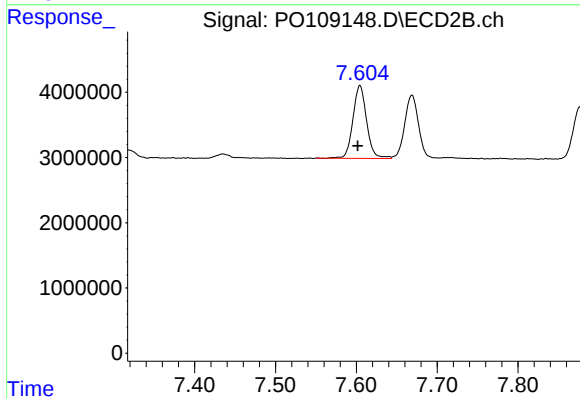
#37 AR-1262-2

R.T.: 7.319 min
Delta R.T.: 0.001 min
Response: 2018772
Conc: 3.64 ng/ml



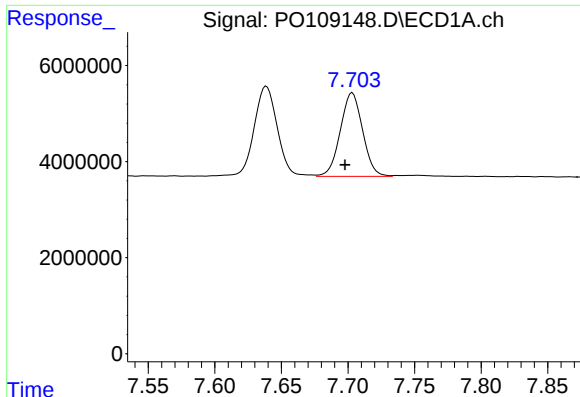
#38 AR-1262-3

R.T.: 7.639 min
Delta R.T.: 0.004 min
Response: 22861278
Conc: 62.71 ng/ml



#38 AR-1262-3

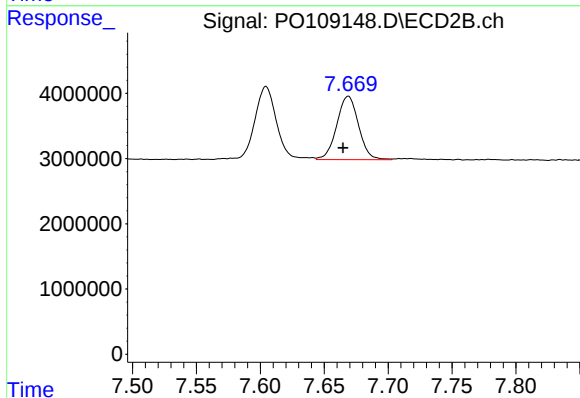
R.T.: 7.604 min
Delta R.T.: 0.003 min
Response: 13128723
Conc: 61.22 ng/ml



#39 AR-1262-4

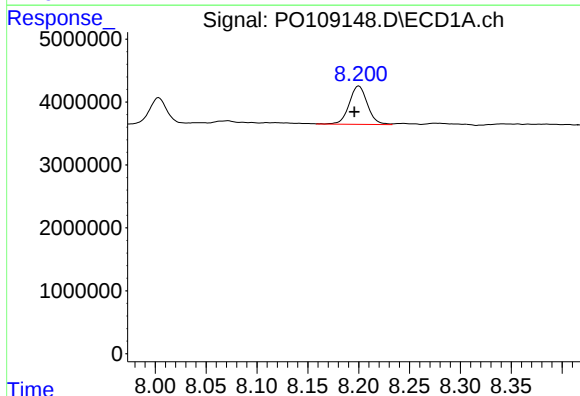
R.T.: 7.703 min
Delta R.T.: 0.005 min
Response: 20350022
Conc: 29.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



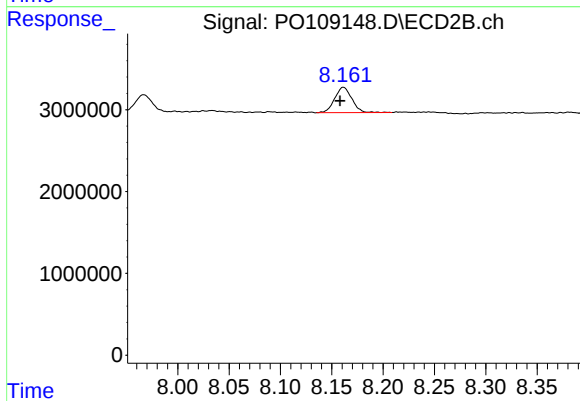
#39 AR-1262-4

R.T.: 7.669 min
Delta R.T.: 0.004 min
Response: 11521218
Conc: 29.40 ng/ml



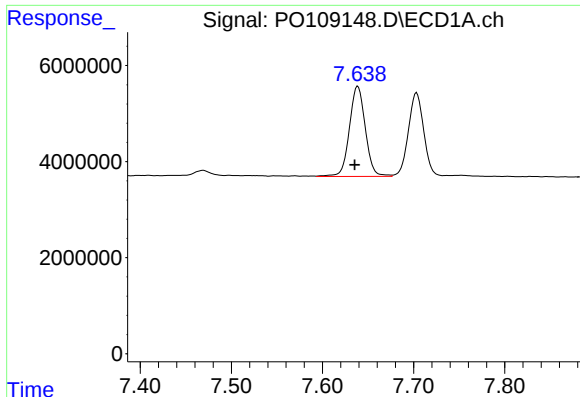
#40 AR-1262-5

R.T.: 8.200 min
Delta R.T.: 0.004 min
Response: 7572055
Conc: 25.06 ng/ml



#40 AR-1262-5

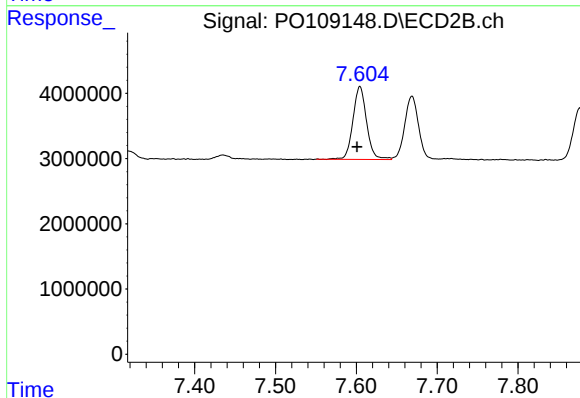
R.T.: 8.161 min
Delta R.T.: 0.003 min
Response: 3616646
Conc: 22.68 ng/ml



#41 AR-1268-1

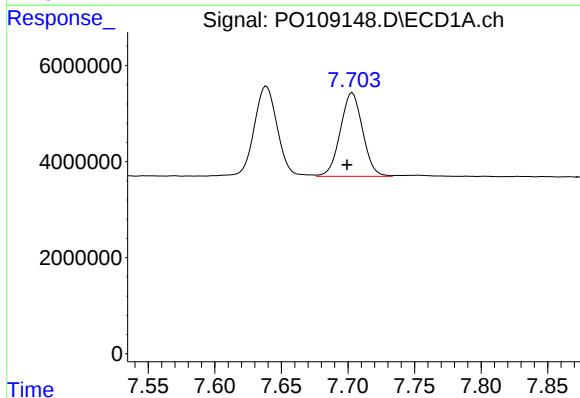
R.T.: 7.639 min
Delta R.T.: 0.003 min
Response: 22861278
Conc: 21.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



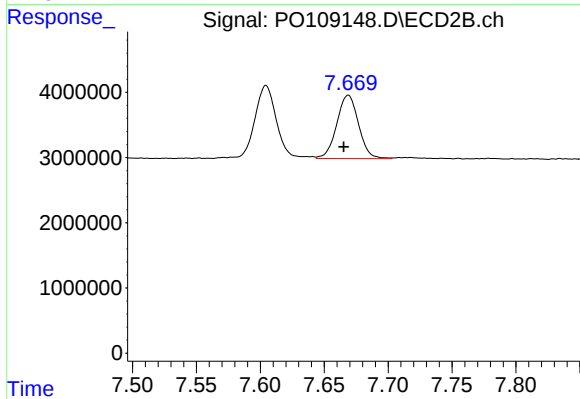
#41 AR-1268-1

R.T.: 7.604 min
Delta R.T.: 0.004 min
Response: 13128723
Conc: 20.86 ng/ml



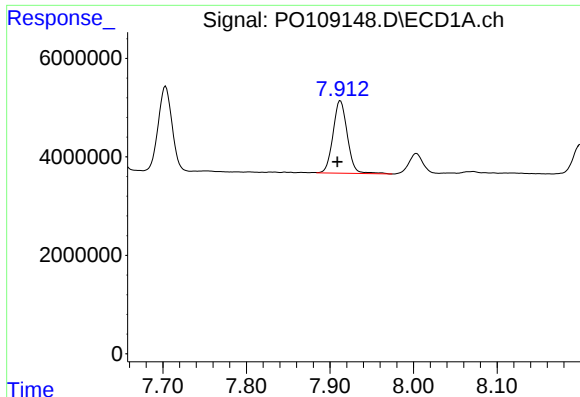
#42 AR-1268-2

R.T.: 7.703 min
Delta R.T.: 0.004 min
Response: 20350022
Conc: 21.00 ng/ml



#42 AR-1268-2

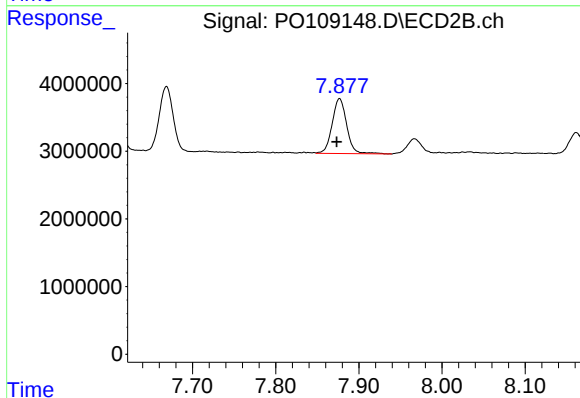
R.T.: 7.669 min
Delta R.T.: 0.004 min
Response: 11521218
Conc: 20.17 ng/ml



#43 AR-1268-3

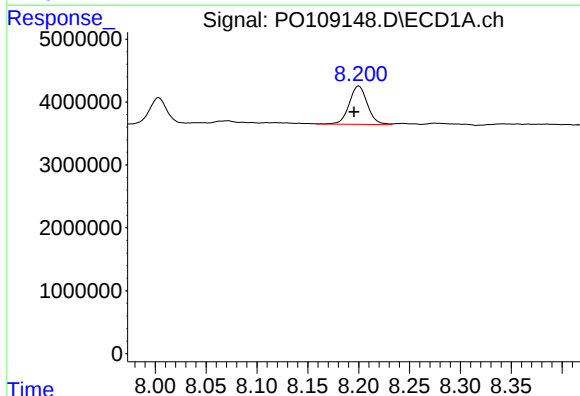
R.T.: 7.912 min
Delta R.T.: 0.003 min
Response: 17567283
Conc: 21.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



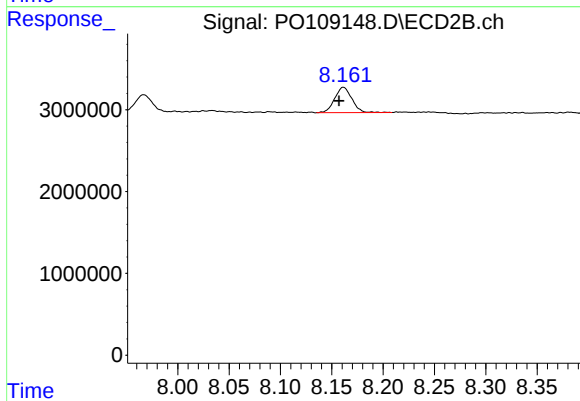
#43 AR-1268-3

R.T.: 7.877 min
Delta R.T.: 0.003 min
Response: 9839684
Conc: 21.36 ng/ml



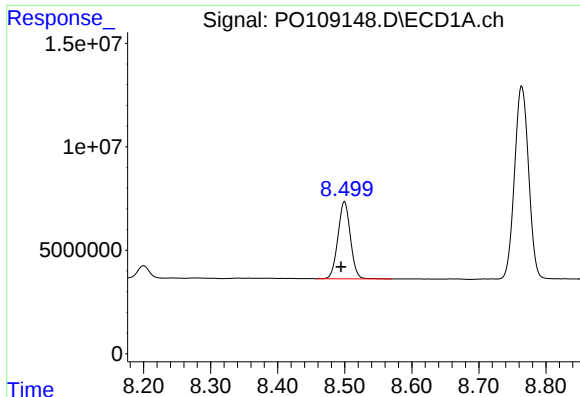
#44 AR-1268-4

R.T.: 8.200 min
Delta R.T.: 0.005 min
Response: 7572055
Conc: 22.10 ng/ml



#44 AR-1268-4

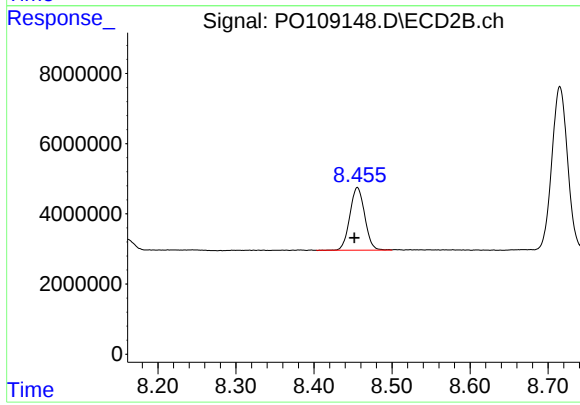
R.T.: 8.161 min
Delta R.T.: 0.004 min
Response: 3616646
Conc: 20.04 ng/ml



#45 AR-1268-5

R.T.: 8.500 min
Delta R.T.: 0.005 min
Response: 48182541
Conc: 20.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.004 min
Response: 23645830
Conc: 19.76 ng/ml