

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0060223\
 Data File : P0095434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 14:03
 Operator : YP/AJ
 Sample : 03004-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 07:37:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0060123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 02 06:53:15 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...	4.440	3.657	97988813	43072169	26.587	27.461
2)	SA Decachlor...	10.291	8.718	69849881	32866066	25.808	25.405
Target Compounds							
3)	L1 AR-1016-1	5.613	4.763	2316821	1659774	19.116	28.505 #
4)	L1 AR-1016-2	5.613	4.763	2316821	1659774	13.789	21.647 #
5)	L1 AR-1016-3	5.718	4.953	1067412	2879446	10.149	69.361 #
6)	L1 AR-1016-4	5.801	5.004	631431	2844282	7.579	80.669 #
7)	L1 AR-1016-5	6.138f	5.196	2321708	782043	28.068	17.578 #
8)	L2 AR-1221-1	4.647	3.862	902378	949818	19.593	46.553 #
9)	L2 AR-1221-2	4.719	3.959	713147	2605914	20.757	167.861 #
10)	L2 AR-1221-3	4.815	4.039	553644	3545775	5.452	76.350 #
11)	L3 AR-1232-1	4.815	4.039	553644	3545775	7.548	105.567 #
12)	L3 AR-1232-2	5.370	4.763	7664368	1659774	186.530	49.040 #
13)	L3 AR-1232-3	5.613	4.953	2316821	2879446	31.347	154.437 #
14)	L3 AR-1232-4	5.801	5.060	631431	3703429	17.049	208.158 #
15)	L3 AR-1232-5	5.899	5.196	6969996	782043	227.127	39.725 #
16)	L4 AR-1242-1	5.613	4.763	2316821	1659774	25.032	37.206 #
17)	L4 AR-1242-2	5.613	4.763	2316821	1659774	18.178	28.568 #
18)	L4 AR-1242-3	5.718	4.953	1067412	2879446	13.116	91.441 #
19)	L4 AR-1242-4	5.801	5.004	631431	2844282	9.795	84.320 #
20)	L4 AR-1242-5	6.564	5.562	1408700	1855510	20.405	43.276 #
21)	L5 AR-1248-1	5.613	4.763	2316821	1659774	31.269	47.157 #
22)	L5 AR-1248-2	5.899	5.004	6969996	2844282	65.153	56.963
23)	L5 AR-1248-3	6.138f	5.004	2321708	2844282	20.268	54.305 #
24)	L5 AR-1248-4	6.523	5.196	4146544	782043	33.428	12.821 #
25)	L5 AR-1248-5	6.564	5.609	1408700	1529751	11.560	25.705 #
26)	L6 AR-1254-1	6.479	5.562	6012285	1855510	47.144	21.084 #
27)	L6 AR-1254-2	6.705	5.709	3842425	1070647	20.251	13.431 #
28)	L6 AR-1254-3	7.080	6.116	5962640	1494419	31.428	12.227 #
29)	L6 AR-1254-4	7.362	6.346	1119050	668142	7.904	8.853
30)	L6 AR-1254-5	7.805	6.767	11356390	5477556	71.640	48.957 #
31)	L7 AR-1260-1	7.241	6.248	1823478	2056763	12.298	24.109 #
32)	L7 AR-1260-2	7.489	6.438	11635322	1118032	66.287	10.942 #
33)	L7 AR-1260-3	7.863	6.592	1236825	840707	11.018	8.979
34)	L7 AR-1260-4	8.087	7.068	3222709	886865	23.652	13.038 #
35)	L7 AR-1260-5	8.416	7.309	1953458	2115512	7.674	13.415 #
36)	L8 AR-1262-1	7.863	6.861	1236825	346410	6.701	7.482
37)	L8 AR-1262-2	8.416	7.068	1953458	886865	6.118	9.093 #
38)	L8 AR-1262-3	8.749	7.597	1606503	594293	7.237	7.752
39)	L8 AR-1262-4	8.830	7.659	1584268	1618797	13.455	11.777
40)	L8 AR-1262-5	9.503	8.160	367296	452540	3.062	7.115 #
41)	L9 AR-1268-1	8.749	7.597	1606503	594293	4.356	2.750 #

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 Acq On : 02 Jun 2023 14:03
 Operator : YP/AJ
 Sample : 03004-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

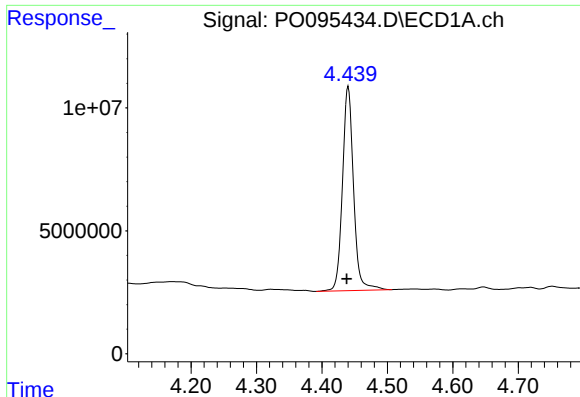
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 07:37:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060123.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	8.830	7.659	1584268	1618797	4.676	8.481 #
43) L9	AR-1268-3	9.071	7.871	429225	315792	1.485	1.948 #
44) L9	AR-1268-4	9.503	8.160	367296	452540	2.888	6.578 #
45) L9	AR-1268-5	9.932	8.458	1580370	635972	1.680	1.326

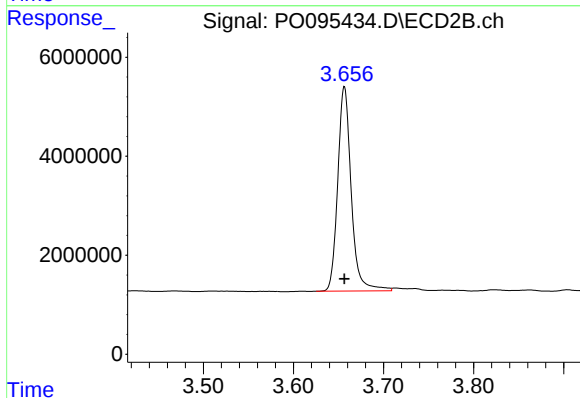
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

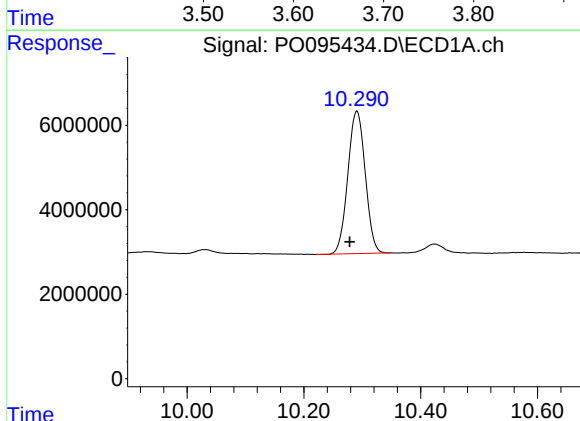
R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 97988813
Conc: 26.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



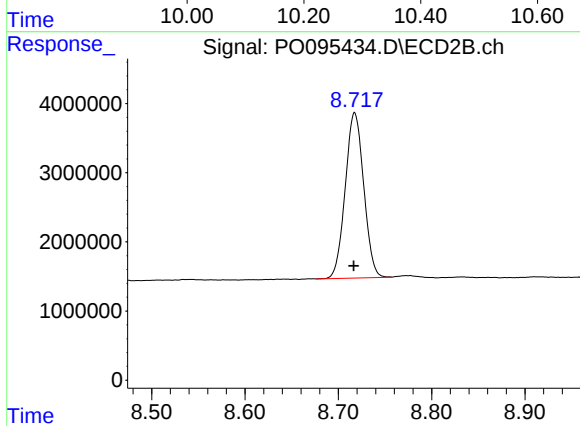
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: 0.000 min
Response: 43072169
Conc: 27.46 ng/ml



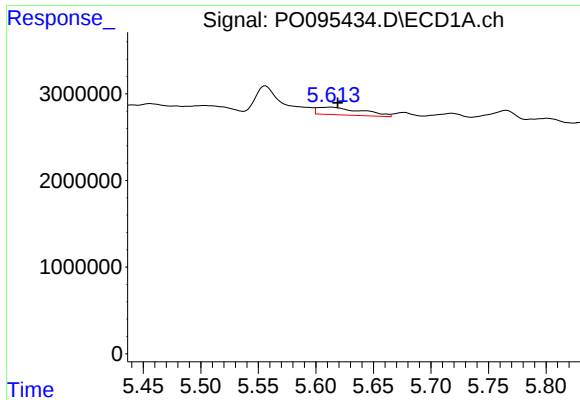
#2 Decachlorobiphenyl

R.T.: 10.291 min
Delta R.T.: 0.012 min
Response: 69849881
Conc: 25.81 ng/ml



#2 Decachlorobiphenyl

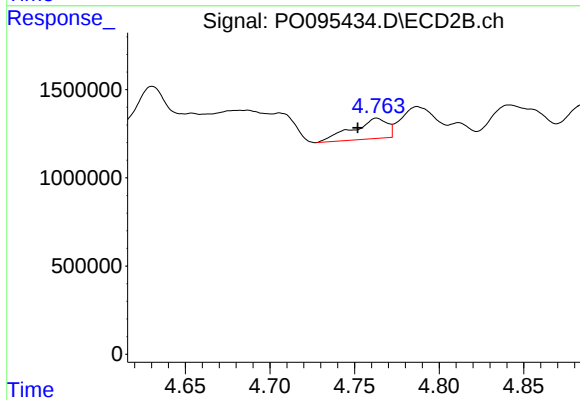
R.T.: 8.718 min
Delta R.T.: 0.001 min
Response: 32866066
Conc: 25.40 ng/ml



#3 AR-1016-1

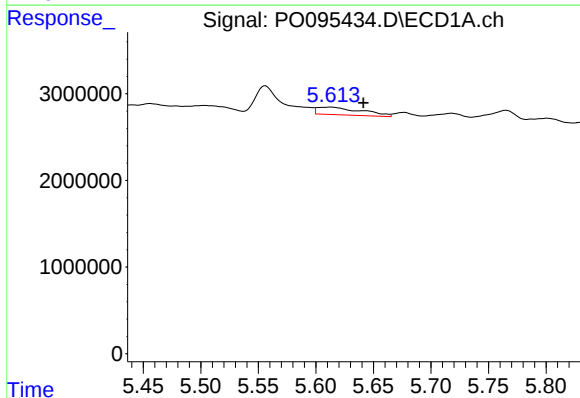
R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 2316821
Conc: 19.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



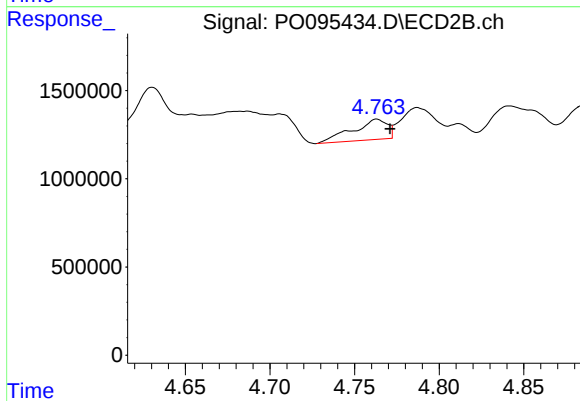
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: 0.011 min
Response: 1659774
Conc: 28.51 ng/ml



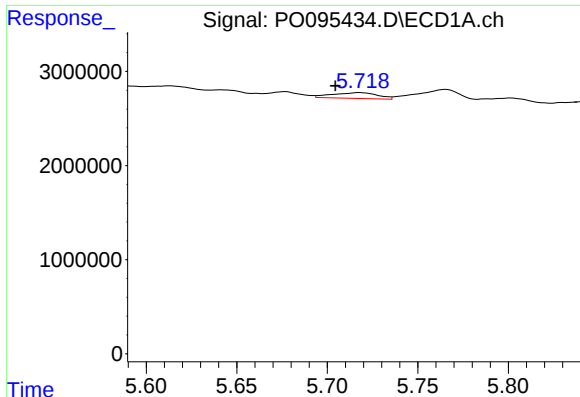
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: -0.029 min
Response: 2316821
Conc: 13.79 ng/ml



#4 AR-1016-2

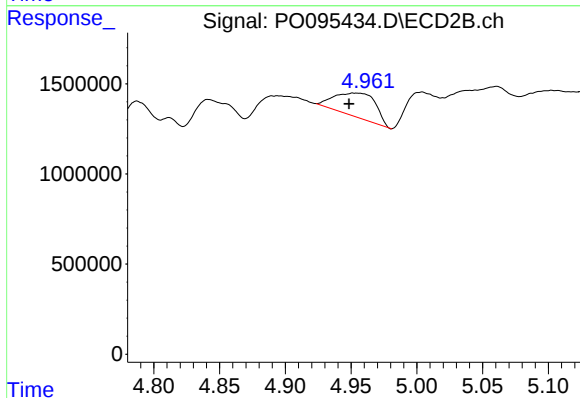
R.T.: 4.763 min
Delta R.T.: -0.008 min
Response: 1659774
Conc: 21.65 ng/ml



#5 AR-1016-3

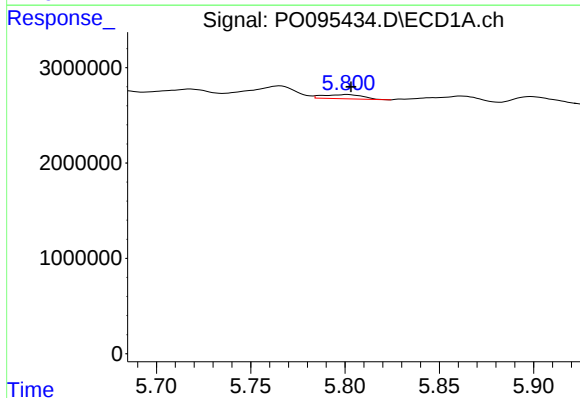
R.T.: 5.718 min
Delta R.T.: 0.014 min
Response: 1067412
Conc: 10.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



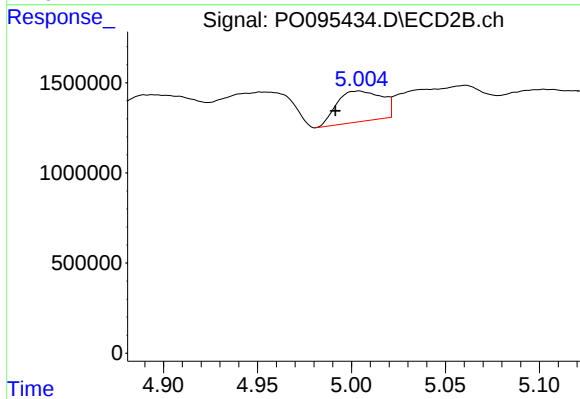
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: 0.004 min
Response: 2879446
Conc: 69.36 ng/ml



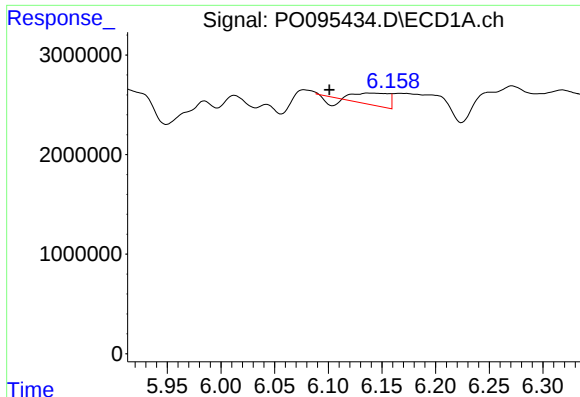
#6 AR-1016-4

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 631431
Conc: 7.58 ng/ml



#6 AR-1016-4

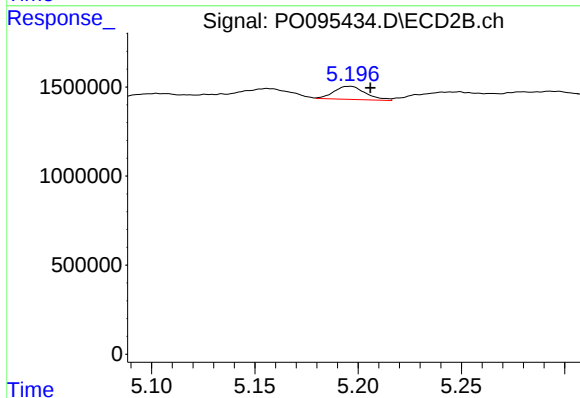
R.T.: 5.004 min
Delta R.T.: 0.013 min
Response: 2844282
Conc: 80.67 ng/ml



#7 AR-1016-5

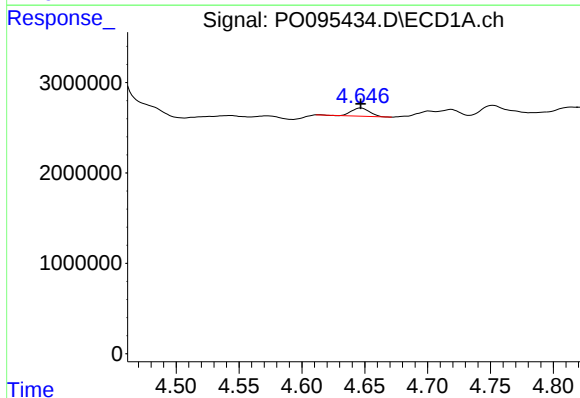
R.T.: 6.138 min
Delta R.T.: 0.037 min
Response: 2321708
Conc: 28.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



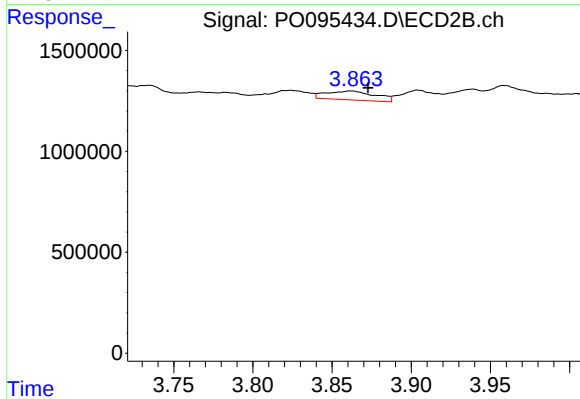
#7 AR-1016-5

R.T.: 5.196 min
Delta R.T.: -0.010 min
Response: 782043
Conc: 17.58 ng/ml



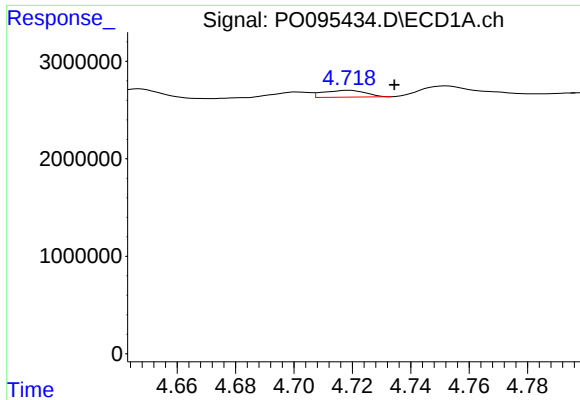
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 902378
Conc: 19.59 ng/ml



#8 AR-1221-1

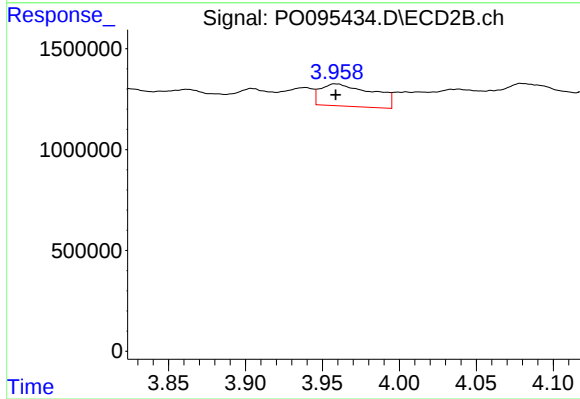
R.T.: 3.862 min
Delta R.T.: -0.011 min
Response: 949818
Conc: 46.55 ng/ml



#9 AR-1221-2

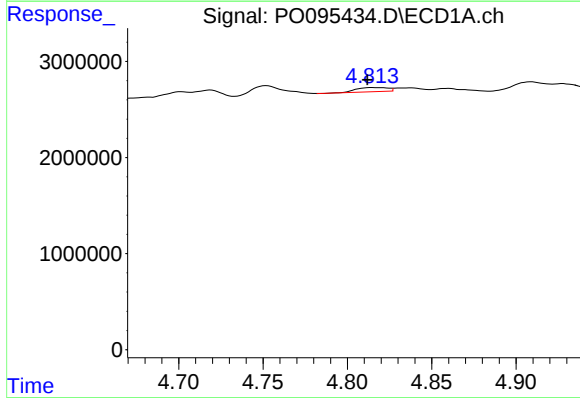
R.T.: 4.719 min
Delta R.T.: -0.016 min
Response: 713147
Conc: 20.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



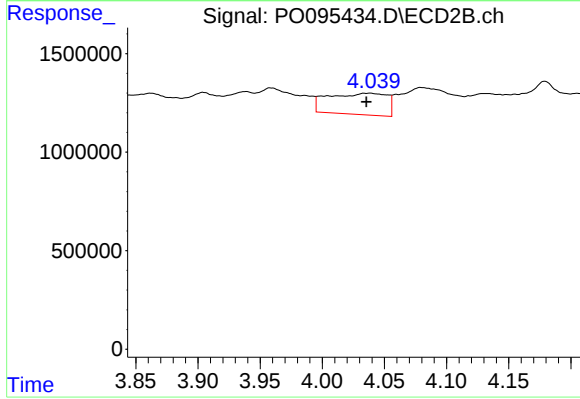
#9 AR-1221-2

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 2605914
Conc: 167.86 ng/ml



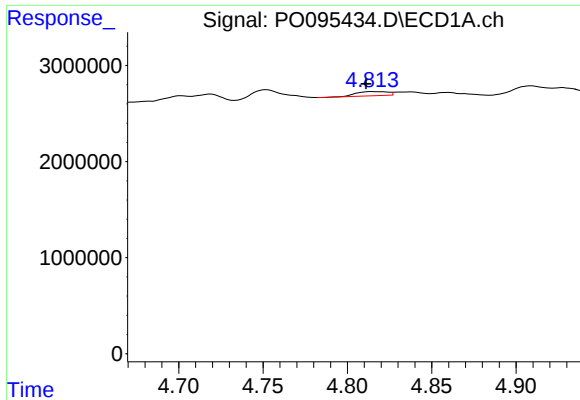
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: 0.003 min
Response: 553644
Conc: 5.45 ng/ml



#10 AR-1221-3

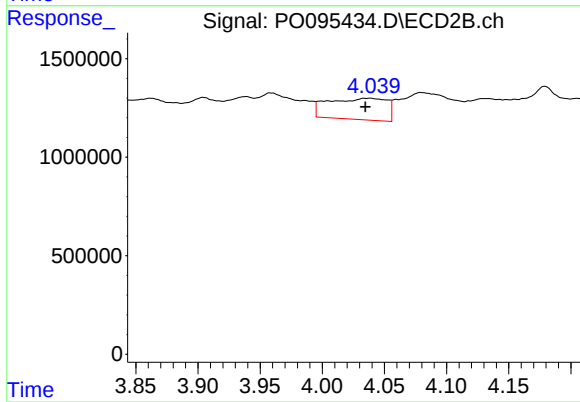
R.T.: 4.039 min
Delta R.T.: 0.003 min
Response: 3545775
Conc: 76.35 ng/ml



#11 AR-1232-1

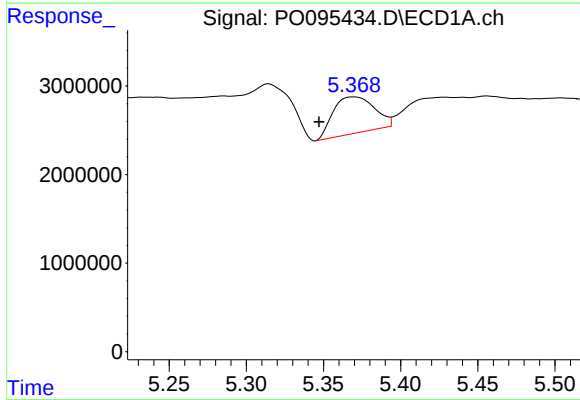
R.T.: 4.815 min
Delta R.T.: 0.004 min
Response: 553644
Conc: 7.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



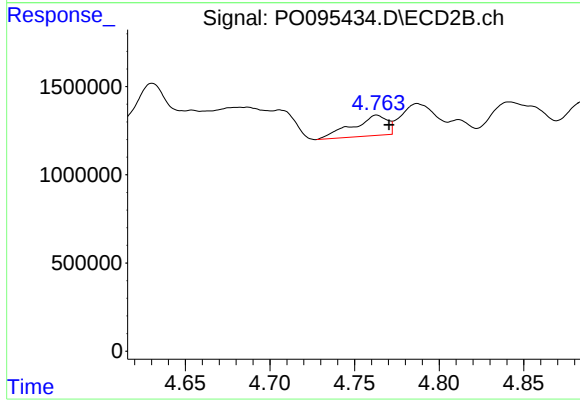
#11 AR-1232-1

R.T.: 4.039 min
Delta R.T.: 0.004 min
Response: 3545775
Conc: 105.57 ng/ml



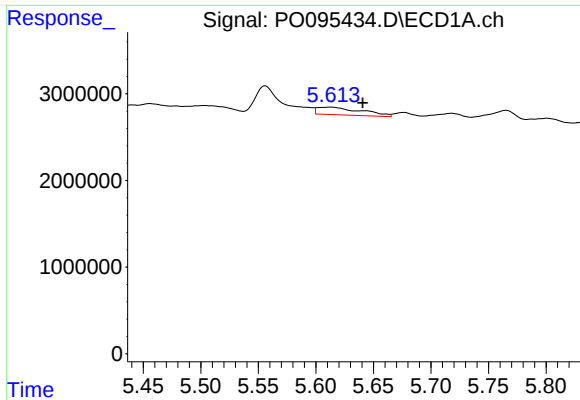
#12 AR-1232-2

R.T.: 5.370 min
Delta R.T.: 0.022 min
Response: 7664368
Conc: 186.53 ng/ml



#12 AR-1232-2

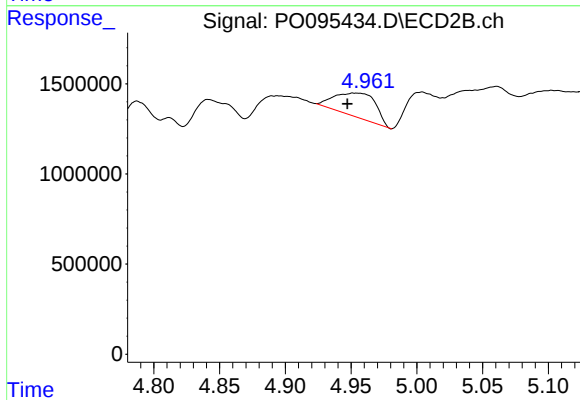
R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 1659774
Conc: 49.04 ng/ml



#13 AR-1232-3

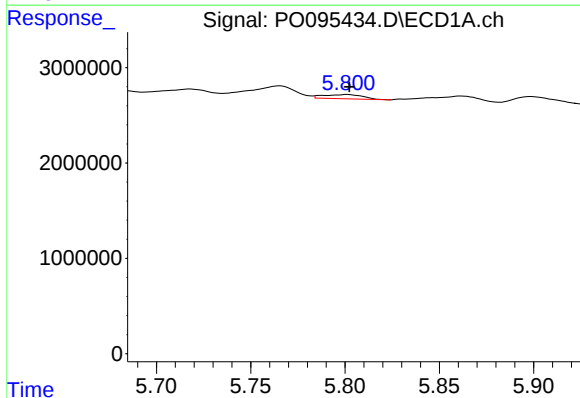
R.T.: 5.613 min
Delta R.T.: -0.028 min
Response: 2316821
Conc: 31.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



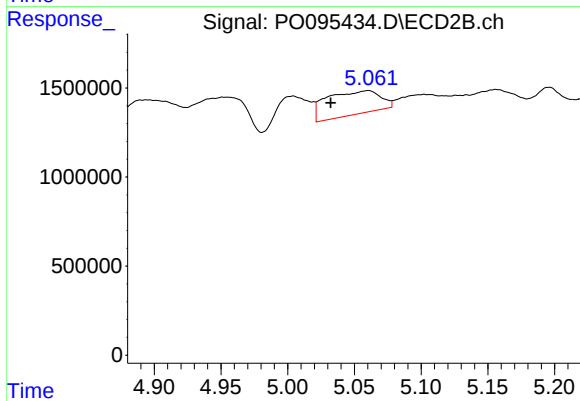
#13 AR-1232-3

R.T.: 4.953 min
Delta R.T.: 0.005 min
Response: 2879446
Conc: 154.44 ng/ml



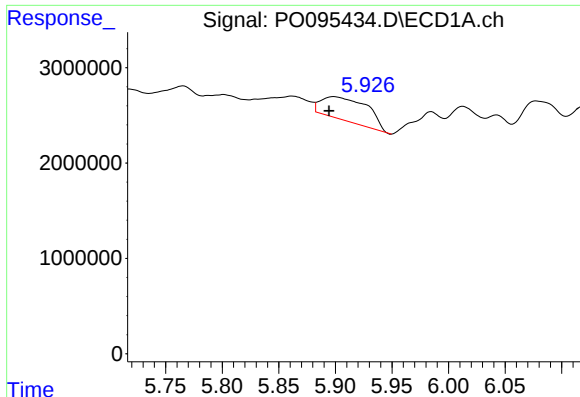
#14 AR-1232-4

R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 631431
Conc: 17.05 ng/ml



#14 AR-1232-4

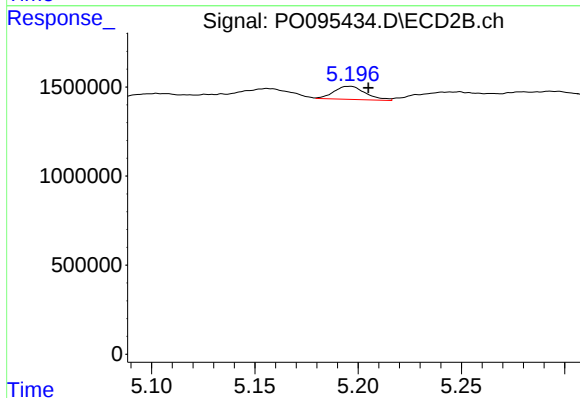
R.T.: 5.060 min
Delta R.T.: 0.028 min
Response: 3703429
Conc: 208.16 ng/ml



#15 AR-1232-5

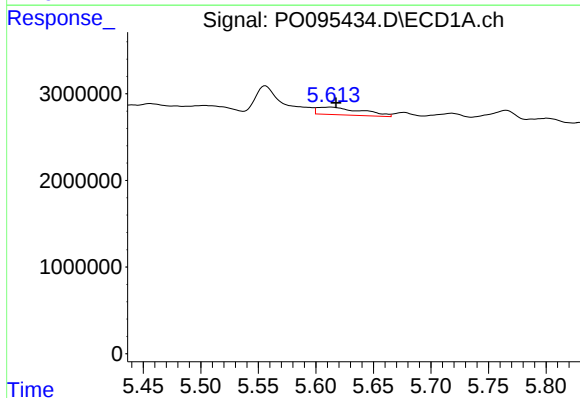
R.T.: 5.899 min
Delta R.T.: 0.004 min
Response: 6969996
Conc: 227.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



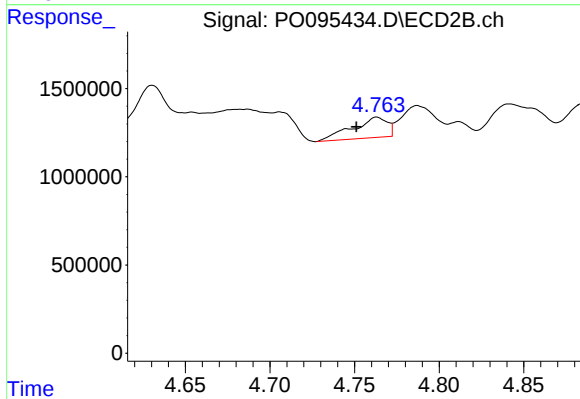
#15 AR-1232-5

R.T.: 5.196 min
Delta R.T.: -0.009 min
Response: 782043
Conc: 39.72 ng/ml



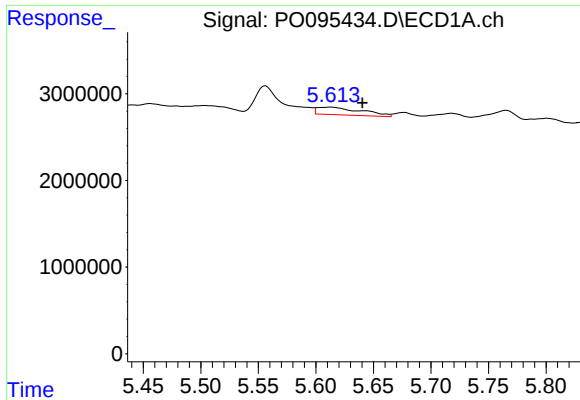
#16 AR-1242-1

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 2316821
Conc: 25.03 ng/ml



#16 AR-1242-1

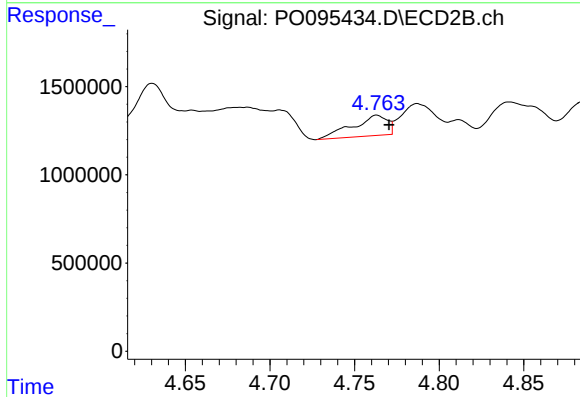
R.T.: 4.763 min
Delta R.T.: 0.012 min
Response: 1659774
Conc: 37.21 ng/ml



#17 AR-1242-2

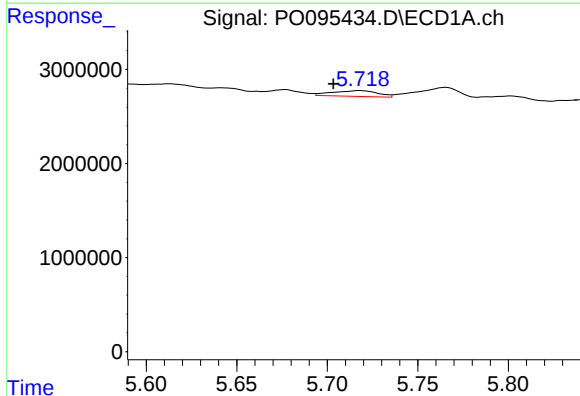
R.T.: 5.613 min
Delta R.T.: -0.028 min
Response: 2316821
Conc: 18.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



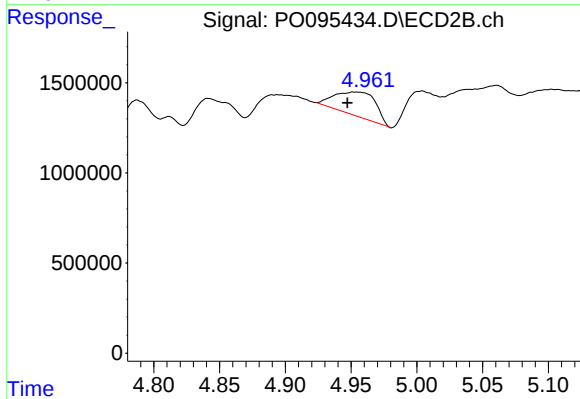
#17 AR-1242-2

R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 1659774
Conc: 28.57 ng/ml



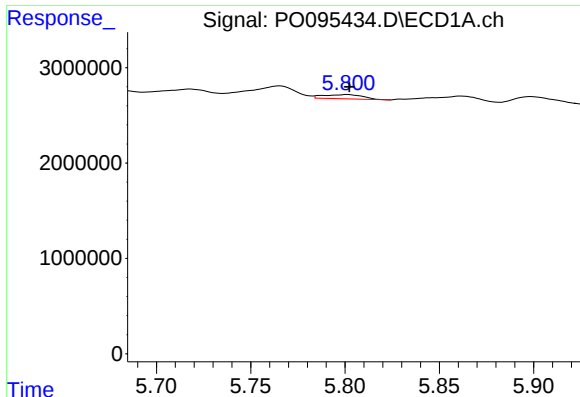
#18 AR-1242-3

R.T.: 5.718 min
Delta R.T.: 0.015 min
Response: 1067412
Conc: 13.12 ng/ml



#18 AR-1242-3

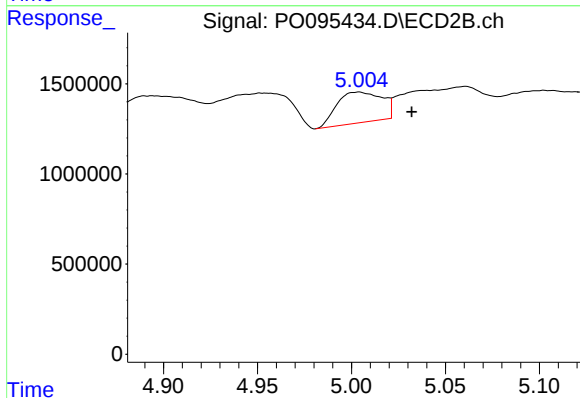
R.T.: 4.953 min
Delta R.T.: 0.005 min
Response: 2879446
Conc: 91.44 ng/ml



#19 AR-1242-4

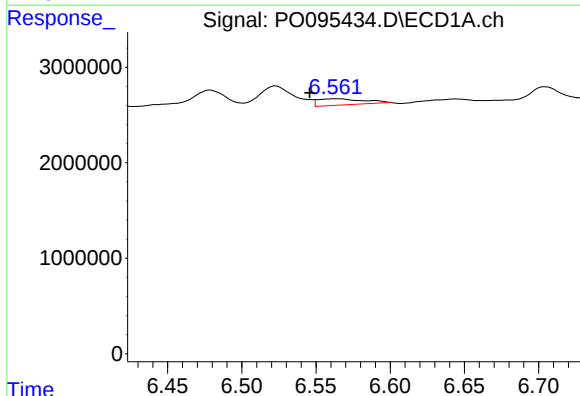
R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 631431
Conc: 9.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



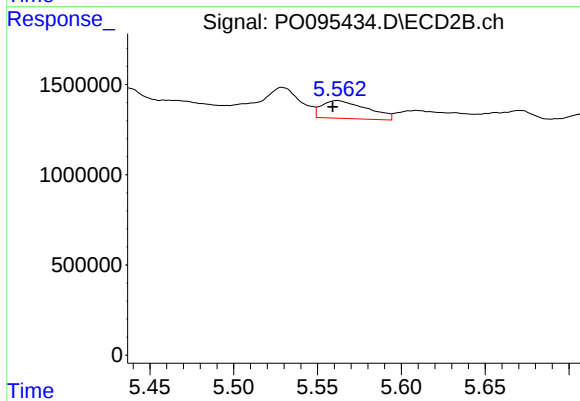
#19 AR-1242-4

R.T.: 5.004 min
Delta R.T.: -0.028 min
Response: 2844282
Conc: 84.32 ng/ml



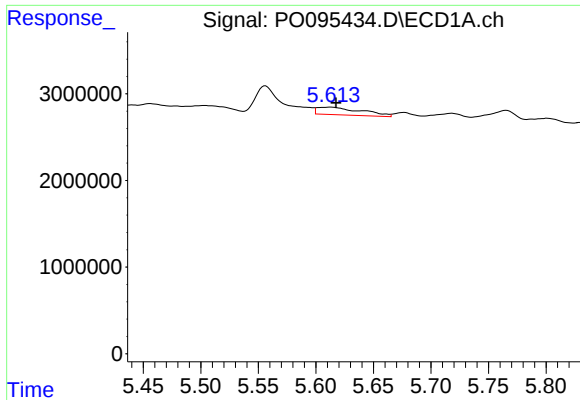
#20 AR-1242-5

R.T.: 6.564 min
Delta R.T.: 0.018 min
Response: 1408700
Conc: 20.41 ng/ml



#20 AR-1242-5

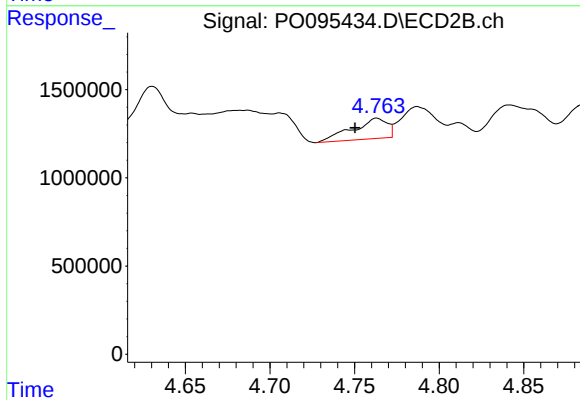
R.T.: 5.562 min
Delta R.T.: 0.003 min
Response: 1855510
Conc: 43.28 ng/ml



#21 AR-1248-1

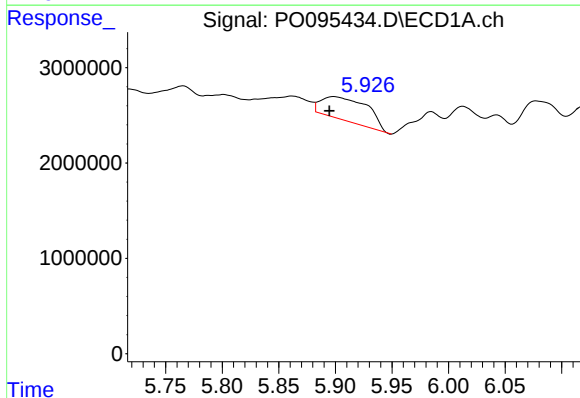
R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 2316821
Conc: 31.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



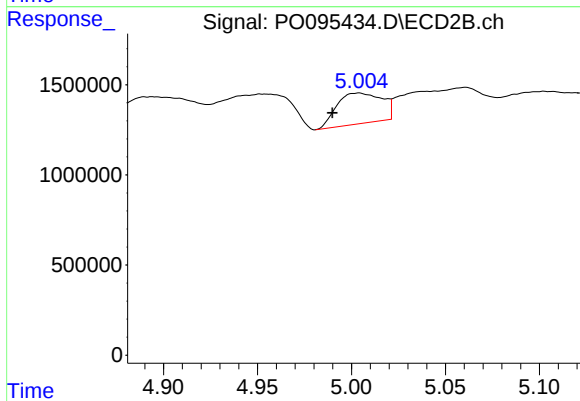
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: 0.013 min
Response: 1659774
Conc: 47.16 ng/ml



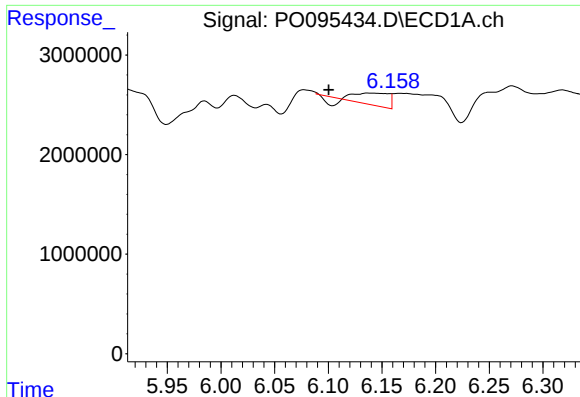
#22 AR-1248-2

R.T.: 5.899 min
Delta R.T.: 0.004 min
Response: 6969996
Conc: 65.15 ng/ml



#22 AR-1248-2

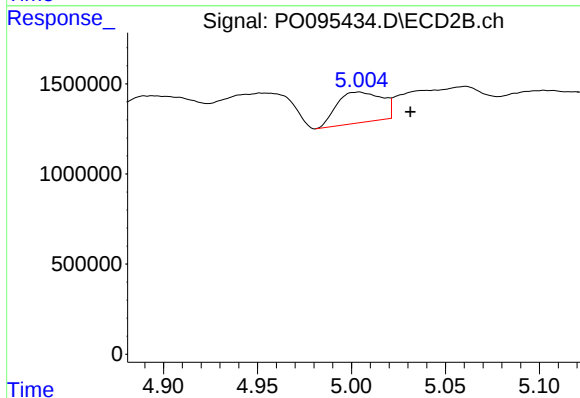
R.T.: 5.004 min
Delta R.T.: 0.014 min
Response: 2844282
Conc: 56.96 ng/ml



#23 AR-1248-3

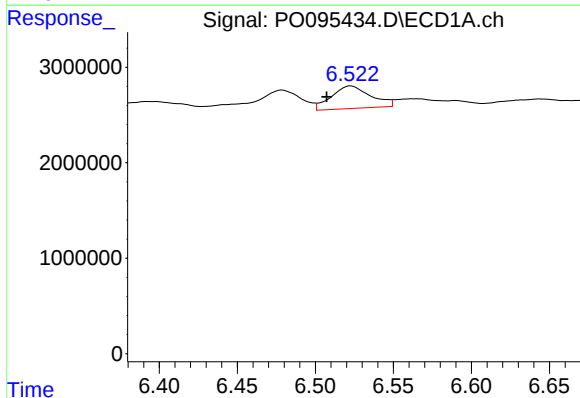
R.T.: 6.138 min
Delta R.T.: 0.038 min
Response: 2321708
Conc: 20.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



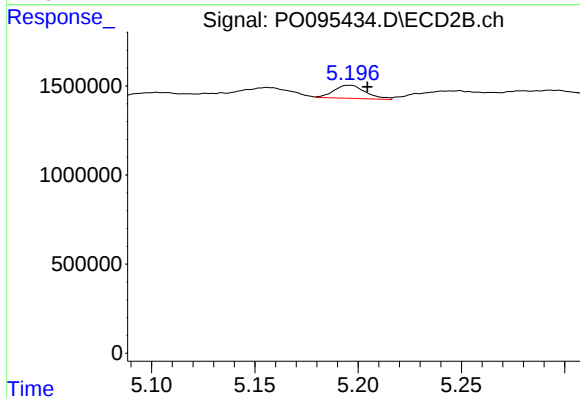
#23 AR-1248-3

R.T.: 5.004 min
Delta R.T.: -0.027 min
Response: 2844282
Conc: 54.31 ng/ml



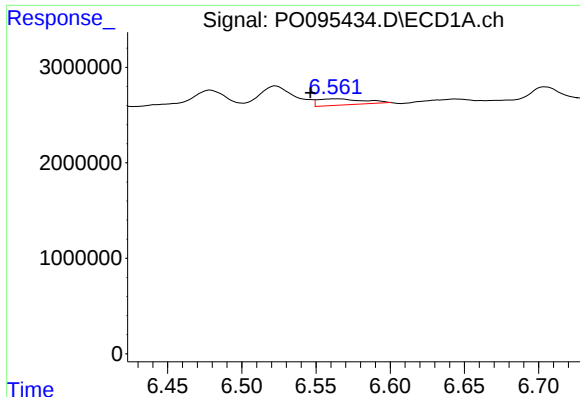
#24 AR-1248-4

R.T.: 6.523 min
Delta R.T.: 0.015 min
Response: 4146544
Conc: 33.43 ng/ml



#24 AR-1248-4

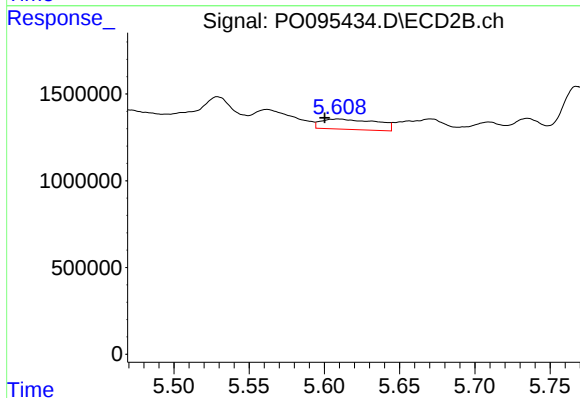
R.T.: 5.196 min
Delta R.T.: -0.009 min
Response: 782043
Conc: 12.82 ng/ml



#25 AR-1248-5

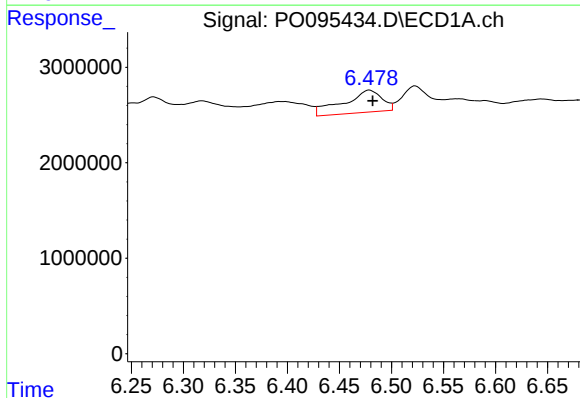
R.T.: 6.564 min
Delta R.T.: 0.017 min
Response: 1408700
Conc: 11.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



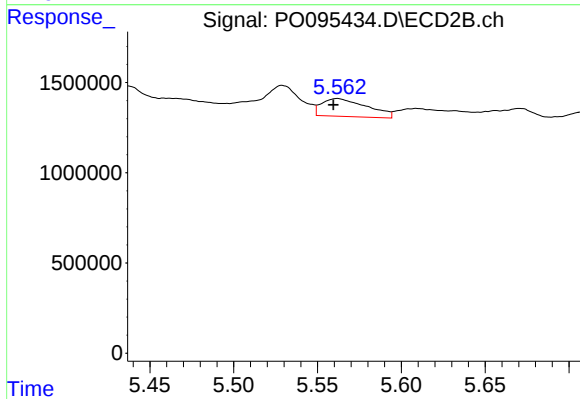
#25 AR-1248-5

R.T.: 5.609 min
Delta R.T.: 0.009 min
Response: 1529751
Conc: 25.70 ng/ml



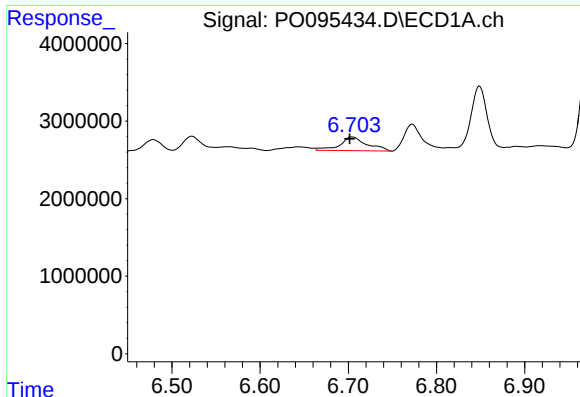
#26 AR-1254-1

R.T.: 6.479 min
Delta R.T.: -0.003 min
Response: 6012285
Conc: 47.14 ng/ml



#26 AR-1254-1

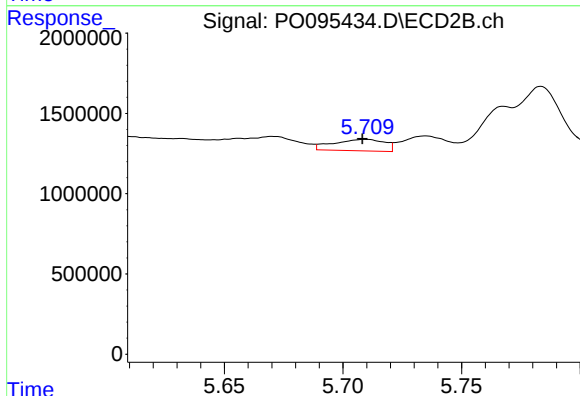
R.T.: 5.562 min
Delta R.T.: 0.002 min
Response: 1855510
Conc: 21.08 ng/ml



#27 AR-1254-2

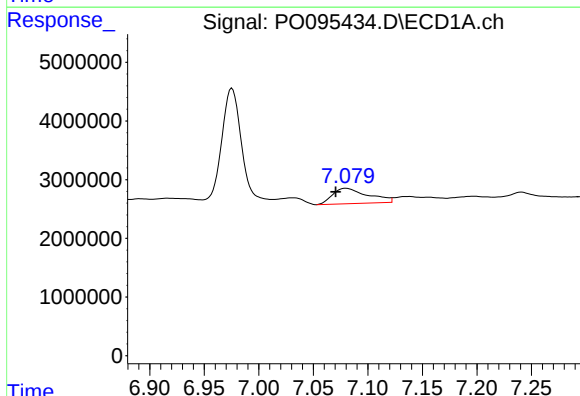
R.T.: 6.705 min
Delta R.T.: 0.003 min
Response: 3842425
Conc: 20.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



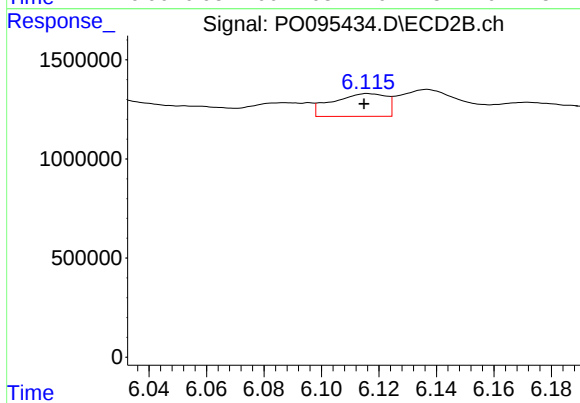
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: 0.001 min
Response: 1070647
Conc: 13.43 ng/ml



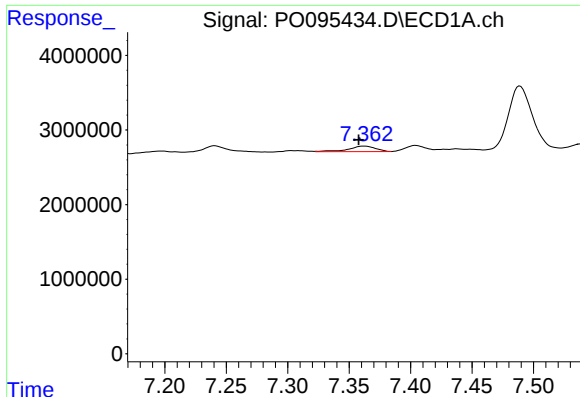
#28 AR-1254-3

R.T.: 7.080 min
Delta R.T.: 0.010 min
Response: 5962640
Conc: 31.43 ng/ml



#28 AR-1254-3

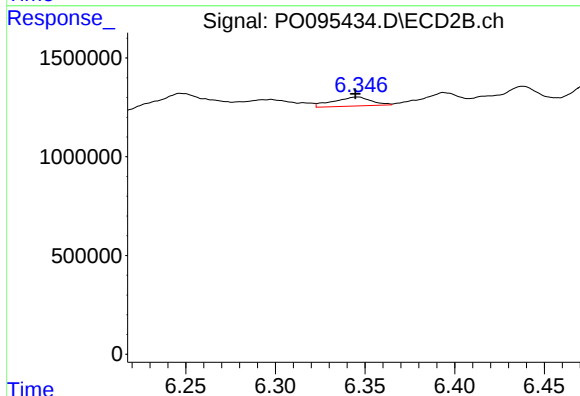
R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 1494419
Conc: 12.23 ng/ml



#29 AR-1254-4

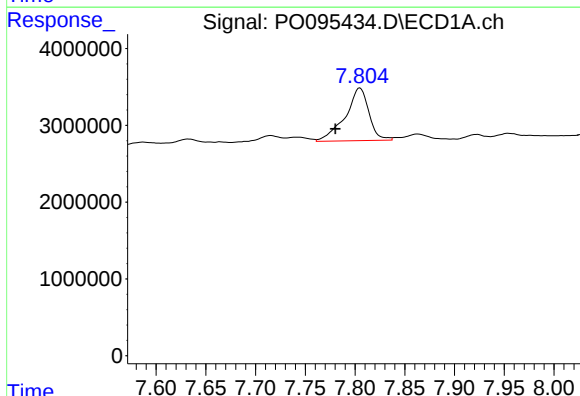
R.T.: 7.362 min
Delta R.T.: 0.004 min
Response: 1119050
Conc: 7.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



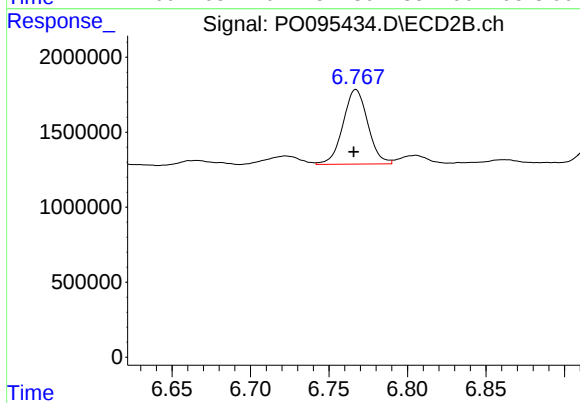
#29 AR-1254-4

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 668142
Conc: 8.85 ng/ml



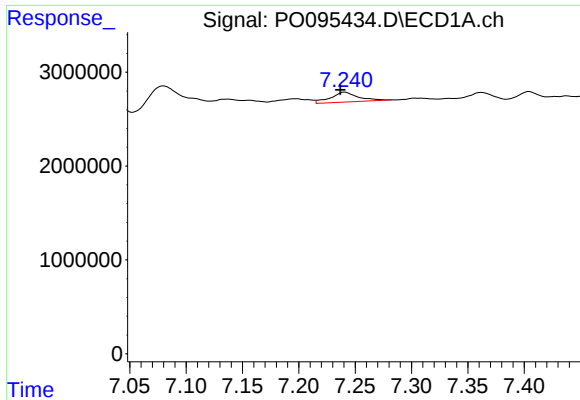
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: 0.025 min
Response: 11356390
Conc: 71.64 ng/ml



#30 AR-1254-5

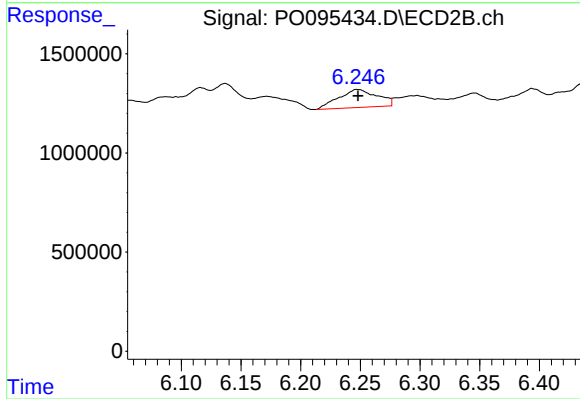
R.T.: 6.767 min
Delta R.T.: 0.001 min
Response: 5477556
Conc: 48.96 ng/ml



#31 AR-1260-1

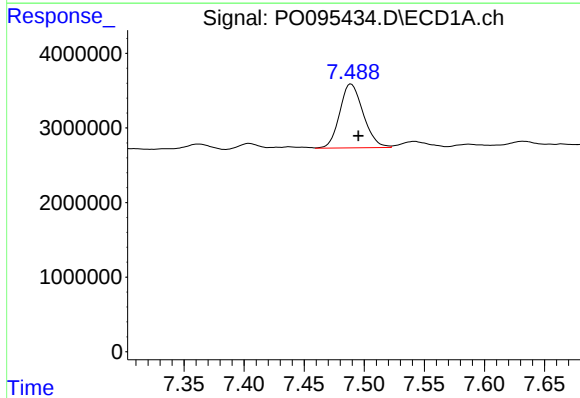
R.T.: 7.241 min
Delta R.T.: 0.004 min
Response: 1823478
Conc: 12.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



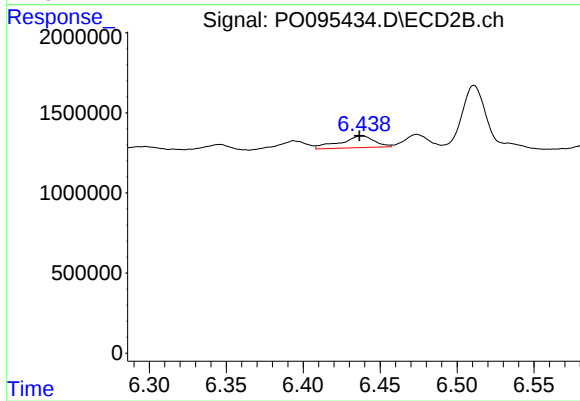
#31 AR-1260-1

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 2056763
Conc: 24.11 ng/ml



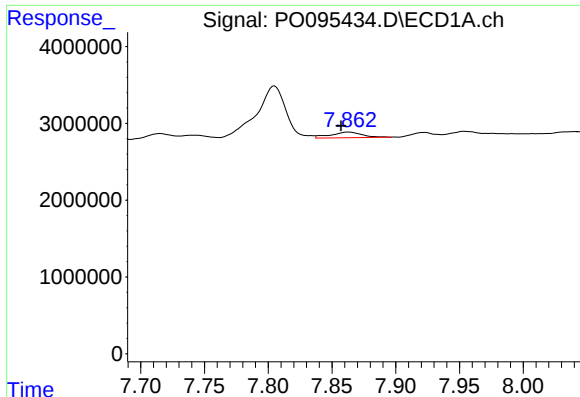
#32 AR-1260-2

R.T.: 7.489 min
Delta R.T.: -0.006 min
Response: 11635322
Conc: 66.29 ng/ml



#32 AR-1260-2

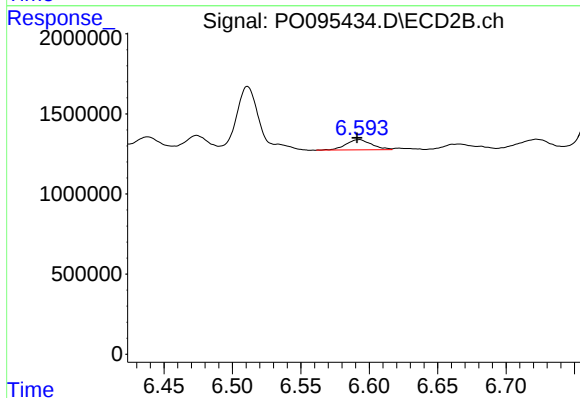
R.T.: 6.438 min
Delta R.T.: 0.001 min
Response: 1118032
Conc: 10.94 ng/ml



#33 AR-1260-3

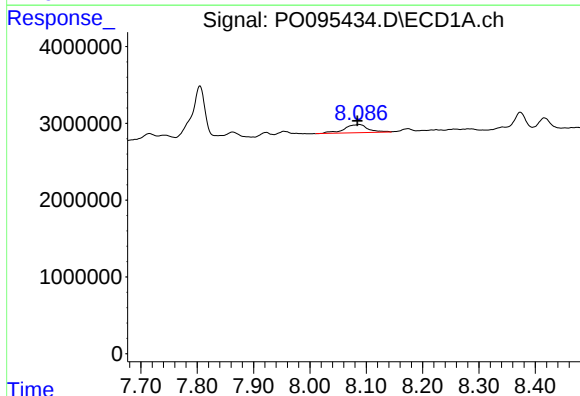
R.T.: 7.863 min
Delta R.T.: 0.006 min
Response: 1236825
Conc: 11.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



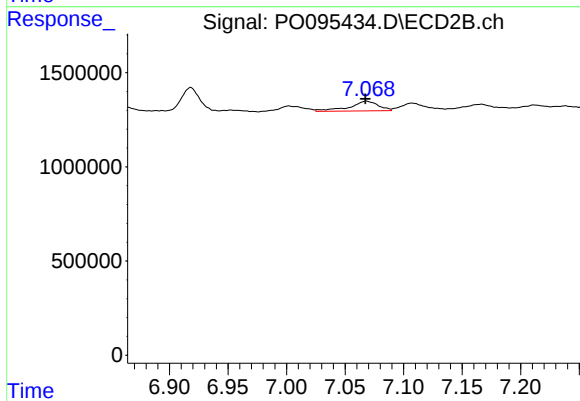
#33 AR-1260-3

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 840707
Conc: 8.98 ng/ml



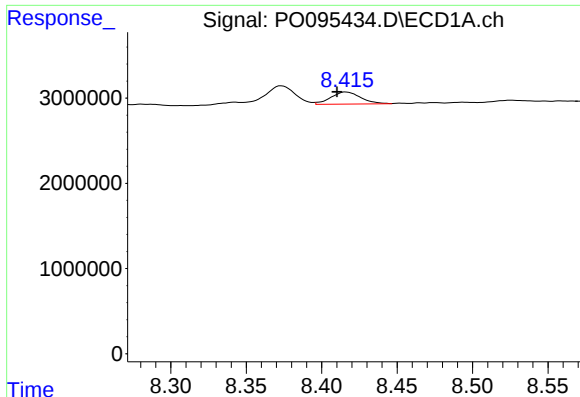
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: 0.003 min
Response: 3222709
Conc: 23.65 ng/ml



#34 AR-1260-4

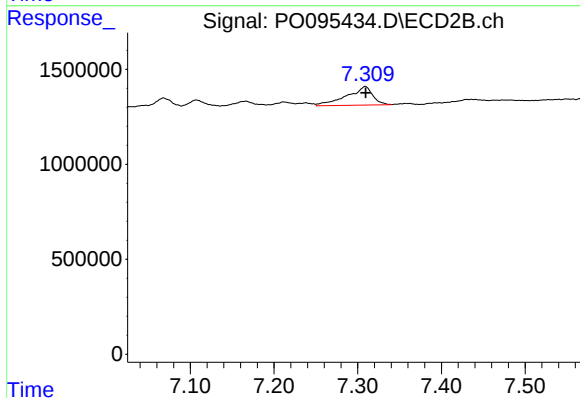
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 886865
Conc: 13.04 ng/ml



#35 AR-1260-5

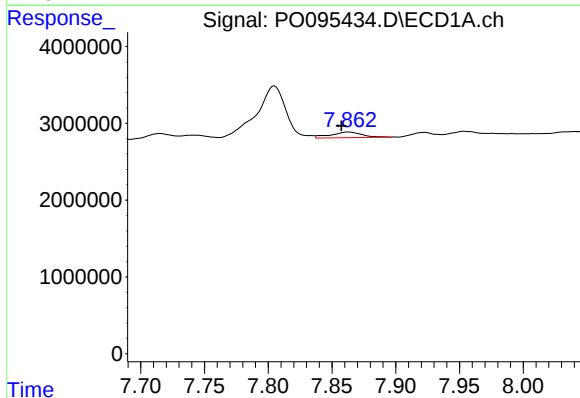
R.T.: 8.416 min
Delta R.T.: 0.006 min
Response: 1953458
Conc: 7.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



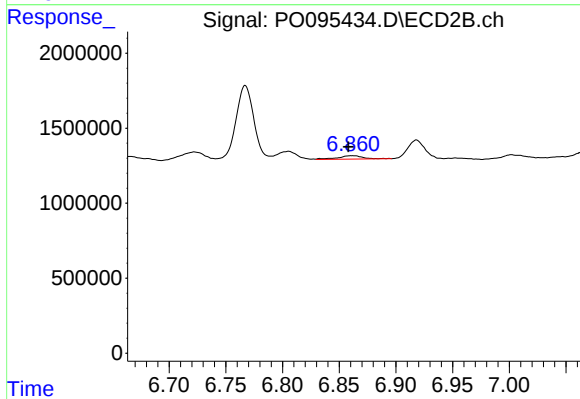
#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 2115512
Conc: 13.41 ng/ml



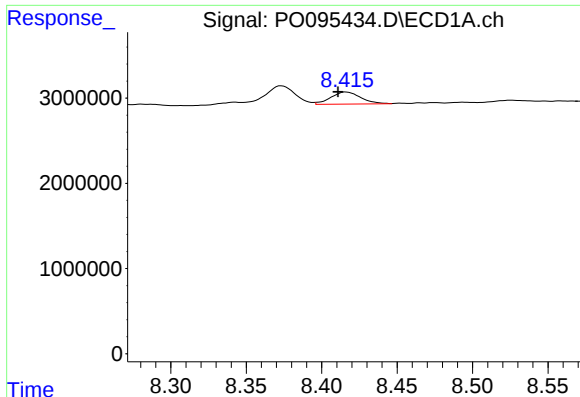
#36 AR-1262-1

R.T.: 7.863 min
Delta R.T.: 0.006 min
Response: 1236825
Conc: 6.70 ng/ml



#36 AR-1262-1

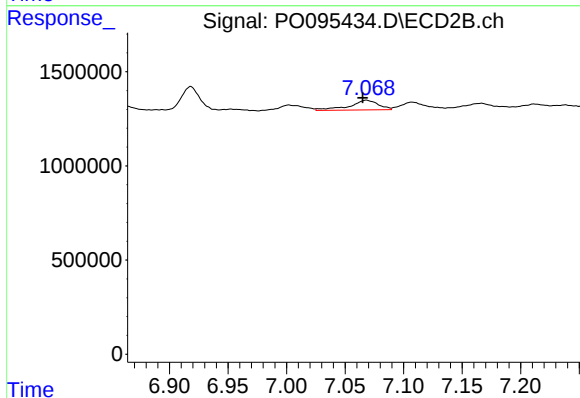
R.T.: 6.861 min
Delta R.T.: 0.003 min
Response: 346410
Conc: 7.48 ng/ml



#37 AR-1262-2

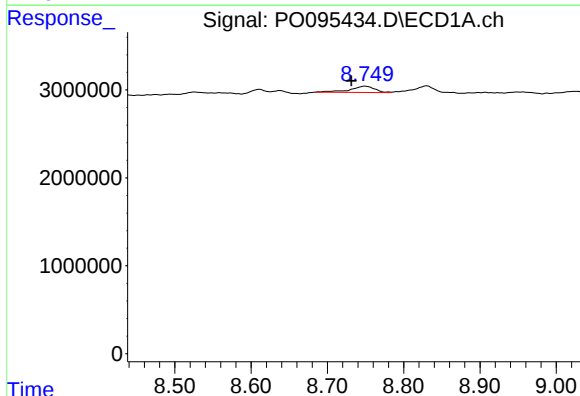
R.T.: 8.416 min
Delta R.T.: 0.006 min
Response: 1953458
Conc: 6.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



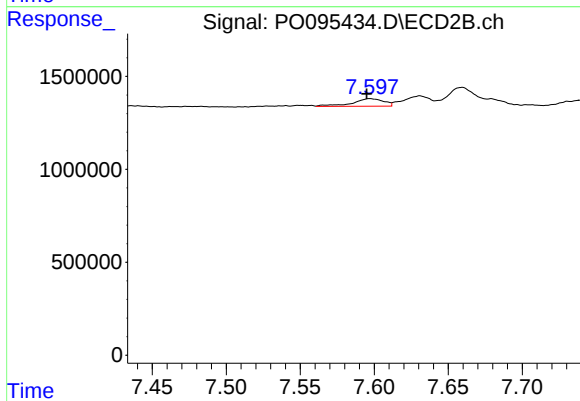
#37 AR-1262-2

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 886865
Conc: 9.09 ng/ml



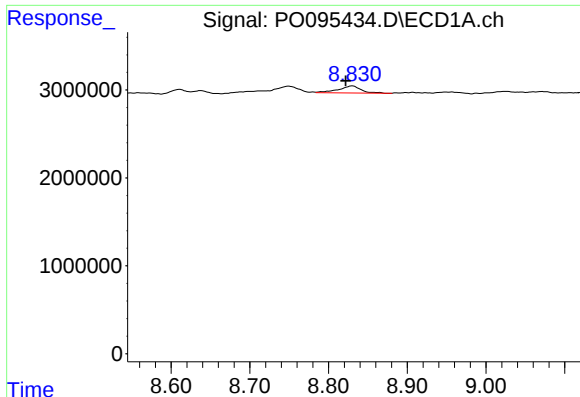
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: 0.018 min
Response: 1606503
Conc: 7.24 ng/ml



#38 AR-1262-3

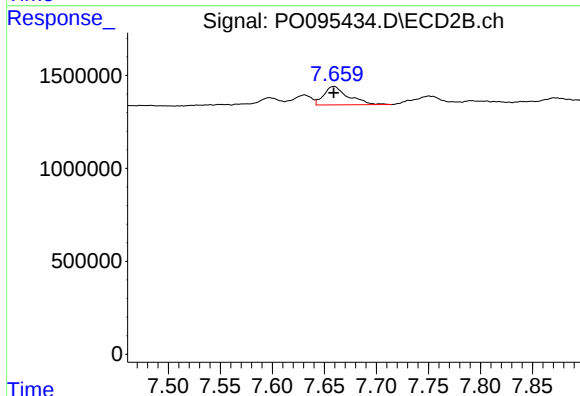
R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 594293
Conc: 7.75 ng/ml



#39 AR-1262-4

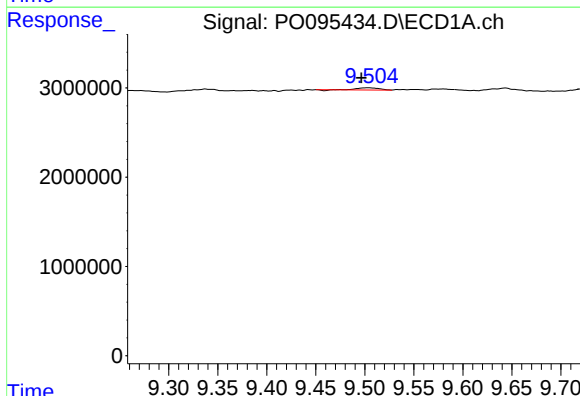
R.T.: 8.830 min
Delta R.T.: 0.008 min
Response: 1584268
Conc: 13.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



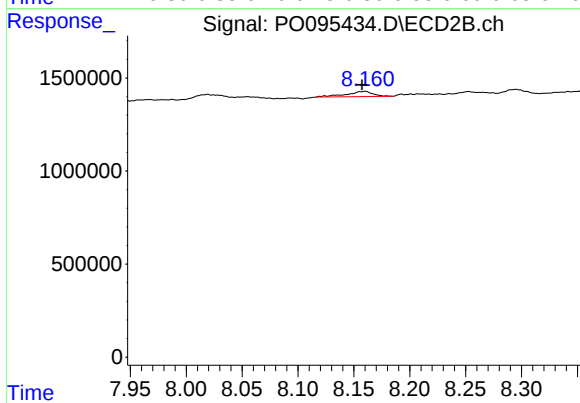
#39 AR-1262-4

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 1618797
Conc: 11.78 ng/ml



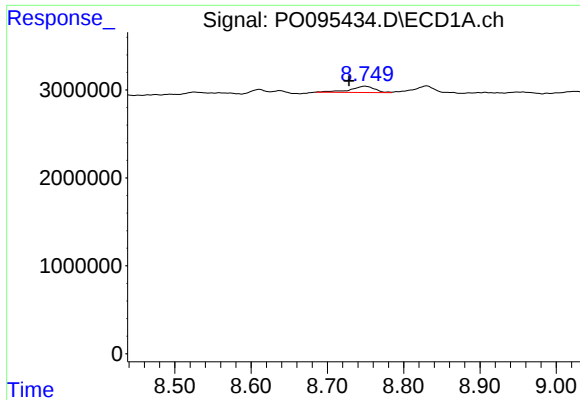
#40 AR-1262-5

R.T.: 9.503 min
Delta R.T.: 0.007 min
Response: 367296
Conc: 3.06 ng/ml



#40 AR-1262-5

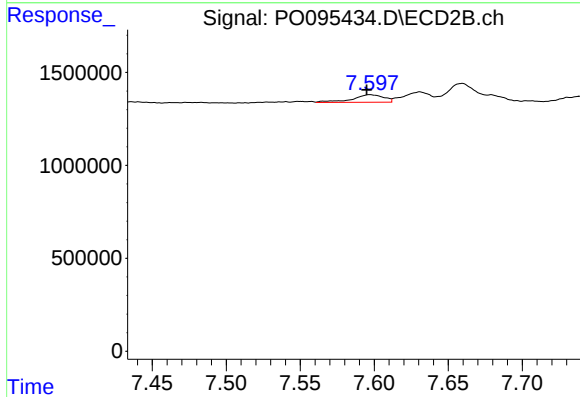
R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 452540
Conc: 7.11 ng/ml



#41 AR-1268-1

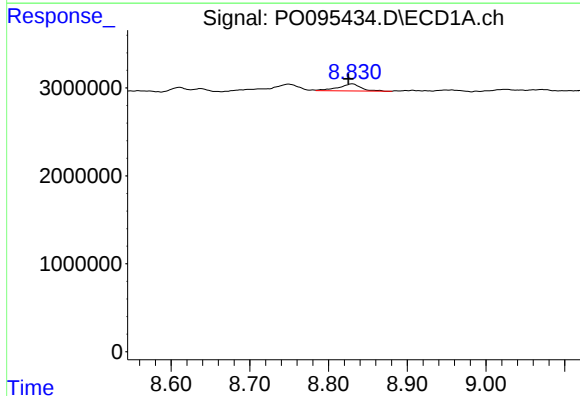
R.T.: 8.749 min
Delta R.T.: 0.021 min
Response: 1606503
Conc: 4.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



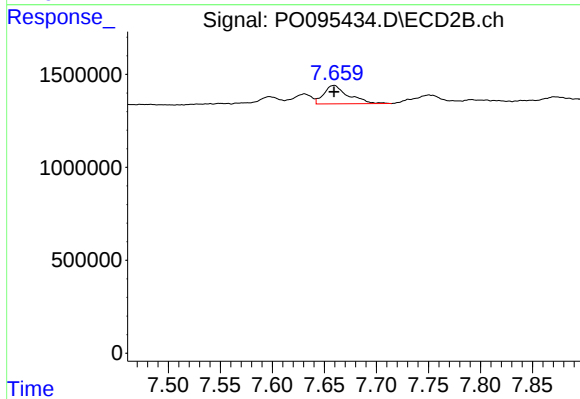
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 594293
Conc: 2.75 ng/ml



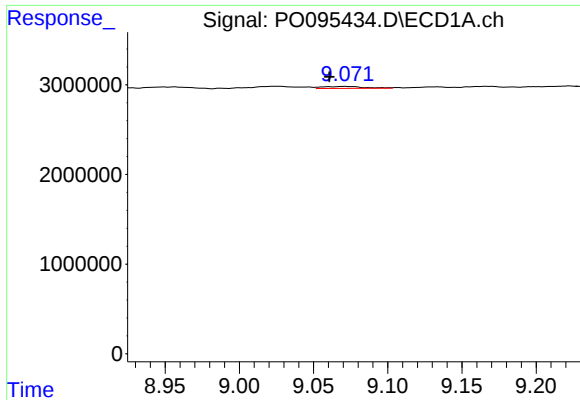
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: 0.005 min
Response: 1584268
Conc: 4.68 ng/ml



#42 AR-1268-2

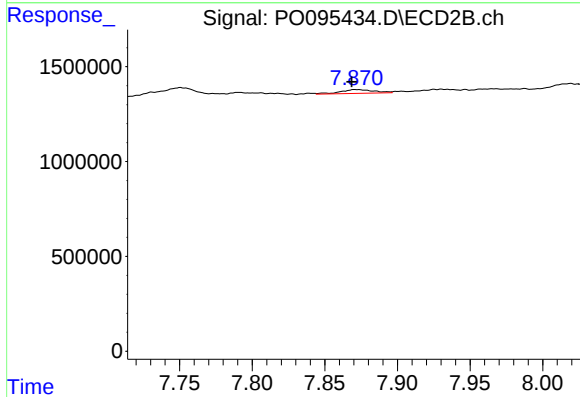
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 1618797
Conc: 8.48 ng/ml



#43 AR-1268-3

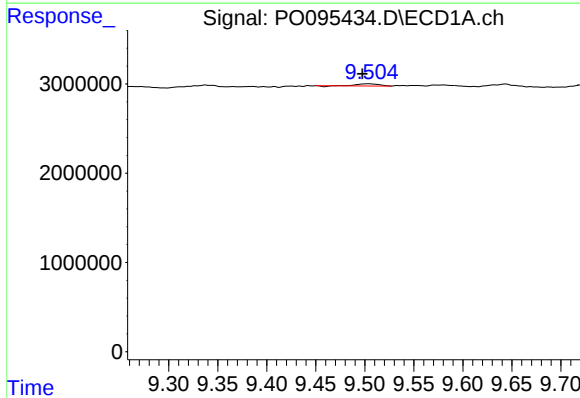
R.T.: 9.071 min
Delta R.T.: 0.010 min
Response: 429225
Conc: 1.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



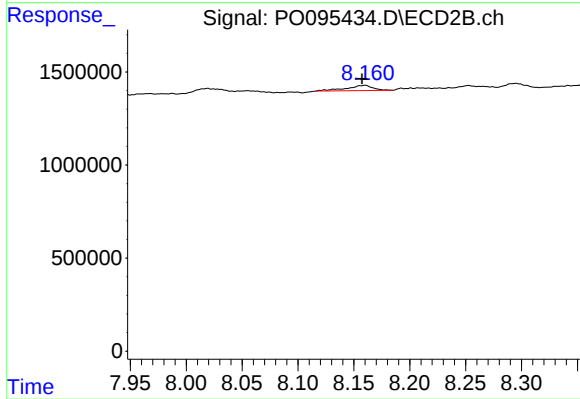
#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: 0.003 min
Response: 315792
Conc: 1.95 ng/ml



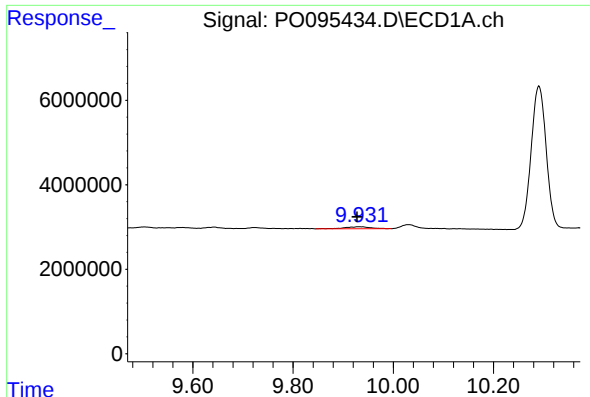
#44 AR-1268-4

R.T.: 9.503 min
Delta R.T.: 0.006 min
Response: 367296
Conc: 2.89 ng/ml



#44 AR-1268-4

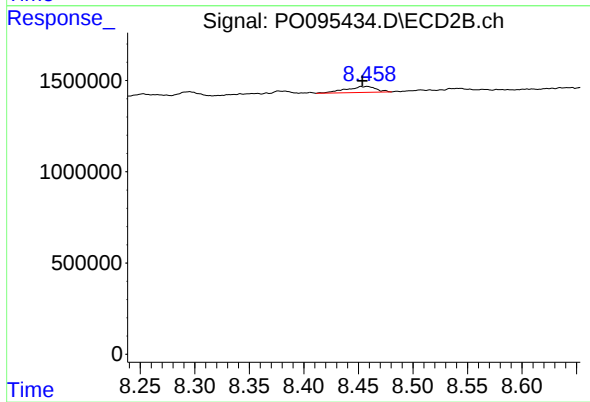
R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 452540
Conc: 6.58 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.005 min
Response: 1580370
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.458 min
Delta R.T.: 0.004 min
Response: 635972
Conc: 1.33 ng/ml