

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012225\
 Data File : P0109042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 22:41
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 03:16:22 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	3.696	151.7E6	112.0E6	20.076	20.886
2)	SA Decachlor...	8.758	8.709	122.4E6	67207220	17.668	19.544
Target Compounds							
3)	L1 AR-1016-1	4.804	4.789	10975527	8948805	43.504	55.268 #
4)	L1 AR-1016-2	4.804	4.836	10975527	422203	31.824	1.772 #
5)	L1 AR-1016-3	4.867	4.976	257215	870344	1.054	6.676 #
6)	L1 AR-1016-4	4.990	5.025	375521	4535287	1.968	41.036 #
7)	L1 AR-1016-5	5.260	5.239	8545092	6653679	40.932	46.353
8)	L2 AR-1221-1	3.913	3.903	3075755	635777	30.727	9.708 #
9)	L2 AR-1221-2	4.002	3.996	5202408	2335794	69.918	47.295 #
10)	L2 AR-1221-3	4.077	4.069	1856429	454950	8.925	3.134 #
11)	L3 AR-1232-1	4.077	4.069	1856429	454950	11.243	3.939 #
12)	L3 AR-1232-2	4.574	4.789	558050	8948805	6.134	82.165 #
13)	L3 AR-1232-3	4.804	4.976	10975527	870344	68.532	14.514 #
14)	L3 AR-1232-4	4.990	5.095	375521	5908938	4.267	103.191 #
15)	L3 AR-1232-5	5.041	5.239	4404412	6653679	67.950	109.666 #
16)	L4 AR-1242-1	4.804	4.789	10975527	8948805	51.664	62.618
17)	L4 AR-1242-2	4.804	4.789	10975527	8948805	38.279	45.375
18)	L4 AR-1242-3	4.867	4.976	257215	870344	1.256	7.982 #
19)	L4 AR-1242-4	4.990	5.095	375521	5908938	2.364	51.995 #
20)	L4 AR-1242-5	5.624	5.584	5505321	2911724	32.960	21.287 #
21)	L5 AR-1248-1	4.804	4.789	10975527	8948805	68.781	83.385
22)	L5 AR-1248-2	5.041	5.025	4404412	4535287	19.707	29.454 #
23)	L5 AR-1248-3	5.260	5.025	8545092	4535287	31.202	27.424
24)	L5 AR-1248-4	5.603	5.239	2414449	6653679	6.279	34.744 #
25)	L5 AR-1248-5	5.624	5.608	5505321	7278365	20.722	39.726 #
26)	L6 AR-1254-1	5.603	5.584	2414449	2911724	5.839	10.359 #
27)	L6 AR-1254-2	5.752	5.729	2396184	7046932	6.622	28.158 #
28)	L6 AR-1254-3	6.163	6.132	509198	4220052	0.903	10.743 #
29)	L6 AR-1254-4	6.380	6.347	5918509	1693715	17.174	7.686 #
30)	L6 AR-1254-5	6.805	6.776	1262235	306419	2.460	0.938 #
31)	L7 AR-1260-1	6.287	6.263	4931212	5448705	12.938	21.618 #
32)	L7 AR-1260-2	6.479	6.485	3367587	763744	7.171	2.539 #
33)	L7 AR-1260-3	6.843	6.627	1080379	48733	2.759	0.175 #
34)	L7 AR-1260-4	0.000	7.095	0	135159	N.D.	0.599 #
35)	L7 AR-1260-5	7.346	7.344	629702	238742	0.754	0.477 #
36)	L8 AR-1262-1	6.843	6.811	1080379	247476	2.023	0.727 #
37)	L8 AR-1262-2	7.346	7.312	629702	1293876	0.685	2.333 #
38)	L8 AR-1262-3	7.649	7.627	2916397	1415736	8.000	6.602
39)	L8 AR-1262-4	7.706	7.670	1807035	351715	2.628	0.897 #
40)	L8 AR-1262-5	8.191	8.155	143174	88610	0.474	0.556
41)	L9 AR-1268-1	7.649	7.627	2916397	1415736	2.739	2.249

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Acq On : 22 Jan 2025 22:41
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

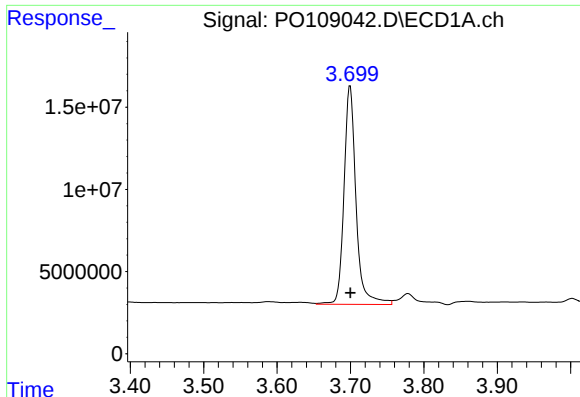
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 03:16:22 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
42) L9	AR-1268-2	7.706	7.670	1807035	351715	1.865	0.616 #
43) L9	AR-1268-3	7.888	7.855	5055129	3218737	6.275	6.989
44) L9	AR-1268-4	8.191	8.155	143174	88610	0.418	0.491
45) L9	AR-1268-5	8.496	8.452	852056	485505	0.356	0.406

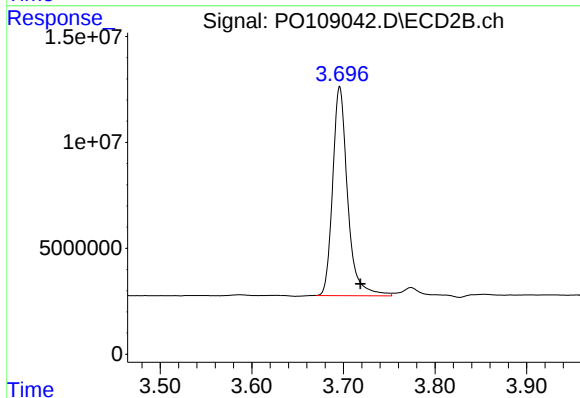
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

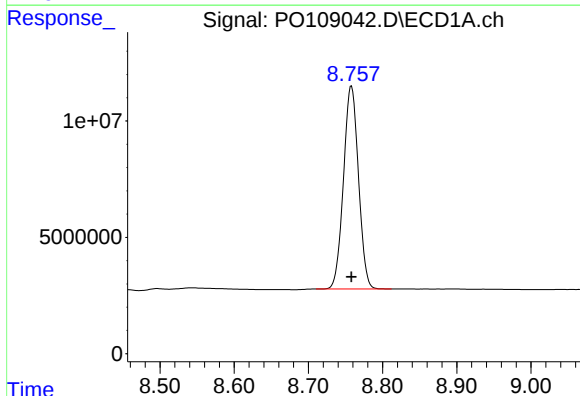
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 151703085
Conc: 20.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



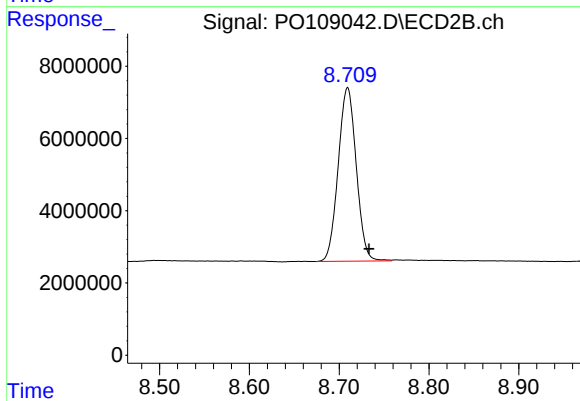
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.022 min
Response: 111953297
Conc: 20.89 ng/ml



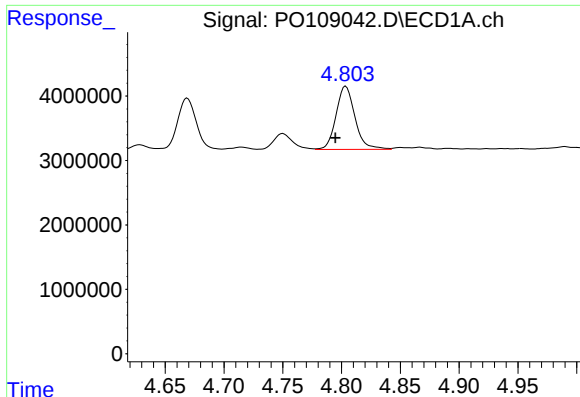
#2 Decachlorobiphenyl

R.T.: 8.758 min
Delta R.T.: 0.000 min
Response: 122399788
Conc: 17.67 ng/ml



#2 Decachlorobiphenyl

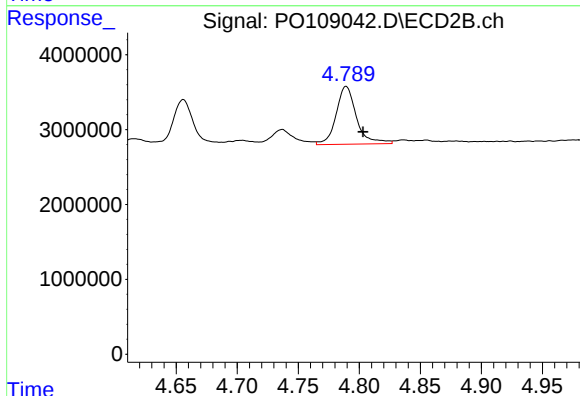
R.T.: 8.709 min
Delta R.T.: -0.024 min
Response: 67207220
Conc: 19.54 ng/ml



#3 AR-1016-1

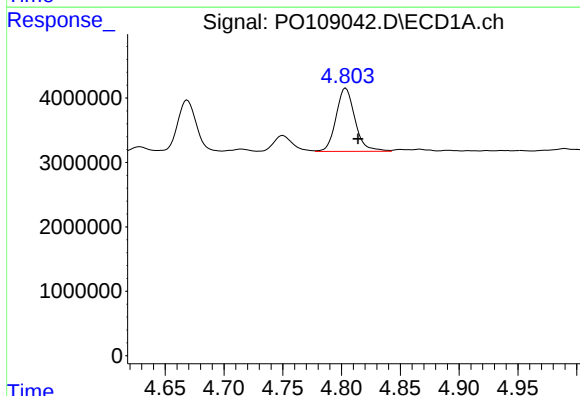
R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 10975527
Conc: 43.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



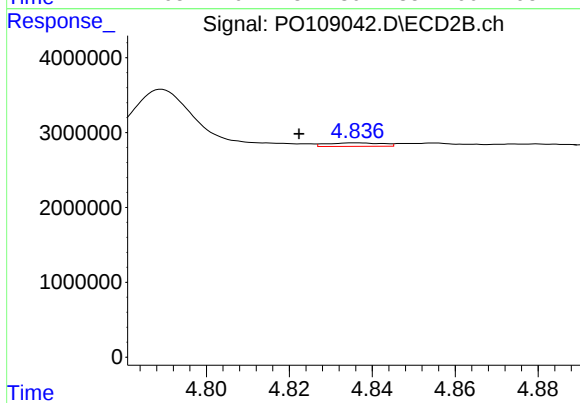
#3 AR-1016-1

R.T.: 4.789 min
Delta R.T.: -0.014 min
Response: 8948805
Conc: 55.27 ng/ml



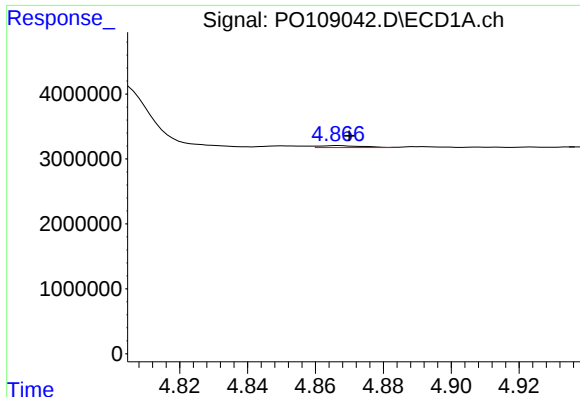
#4 AR-1016-2

R.T.: 4.804 min
Delta R.T.: -0.011 min
Response: 10975527
Conc: 31.82 ng/ml



#4 AR-1016-2

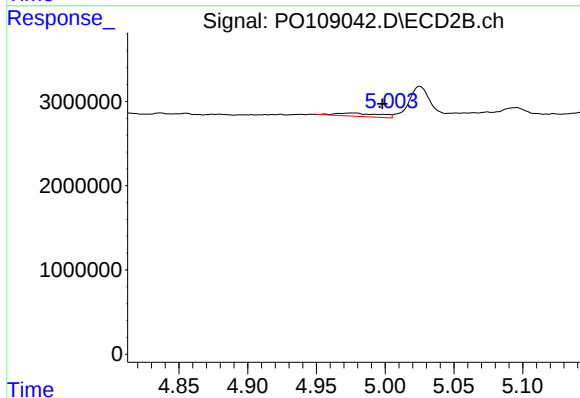
R.T.: 4.836 min
Delta R.T.: 0.014 min
Response: 422203
Conc: 1.77 ng/ml



#5 AR-1016-3

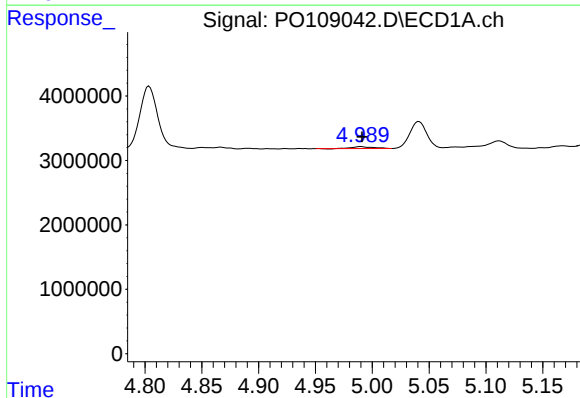
R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 257215
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



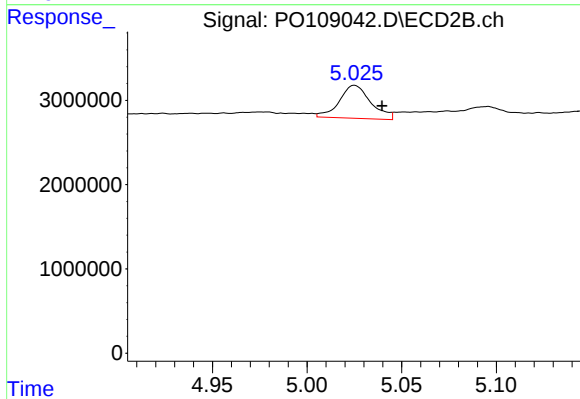
#5 AR-1016-3

R.T.: 4.976 min
Delta R.T.: -0.022 min
Response: 870344
Conc: 6.68 ng/ml



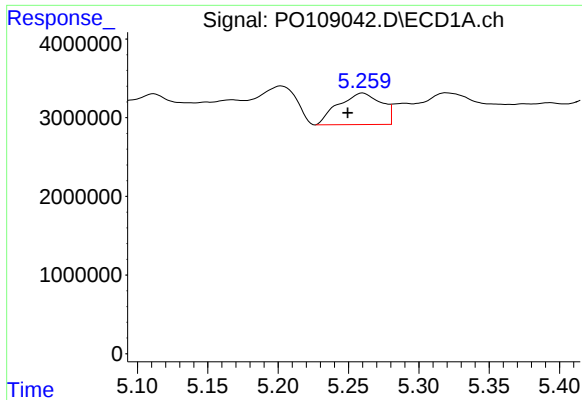
#6 AR-1016-4

R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 375521
Conc: 1.97 ng/ml



#6 AR-1016-4

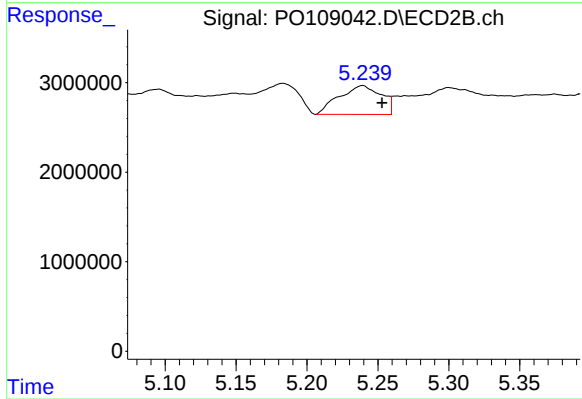
R.T.: 5.025 min
Delta R.T.: -0.015 min
Response: 4535287
Conc: 41.04 ng/ml



#7 AR-1016-5

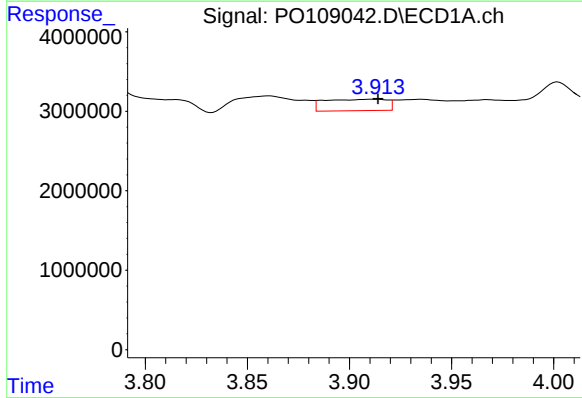
R.T.: 5.260 min
Delta R.T.: 0.011 min
Response: 8545092
Conc: 40.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



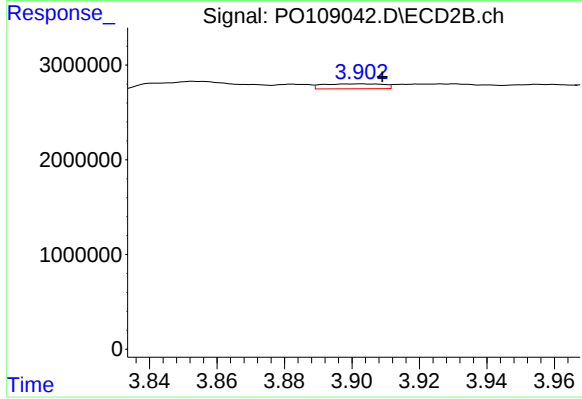
#7 AR-1016-5

R.T.: 5.239 min
Delta R.T.: -0.014 min
Response: 6653679
Conc: 46.35 ng/ml



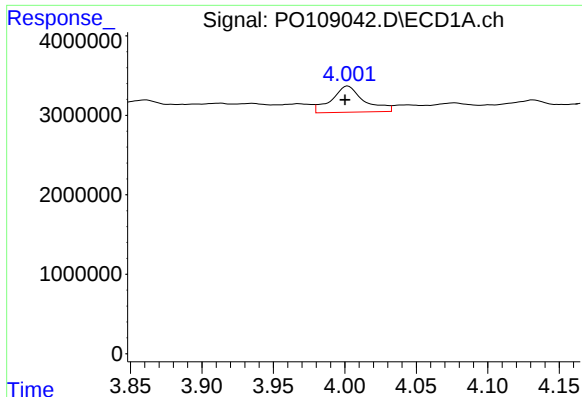
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: -0.001 min
Response: 3075755
Conc: 30.73 ng/ml



#8 AR-1221-1

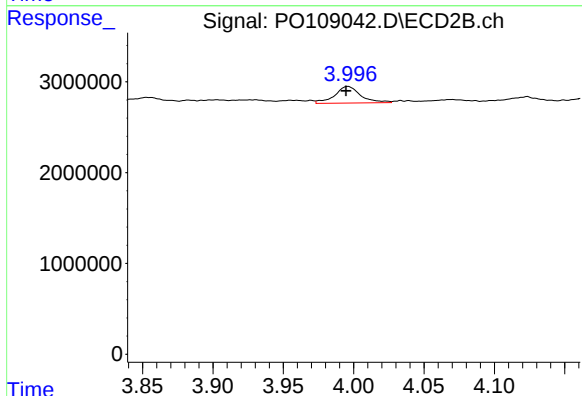
R.T.: 3.903 min
Delta R.T.: -0.006 min
Response: 635777
Conc: 9.71 ng/ml



#9 AR-1221-2

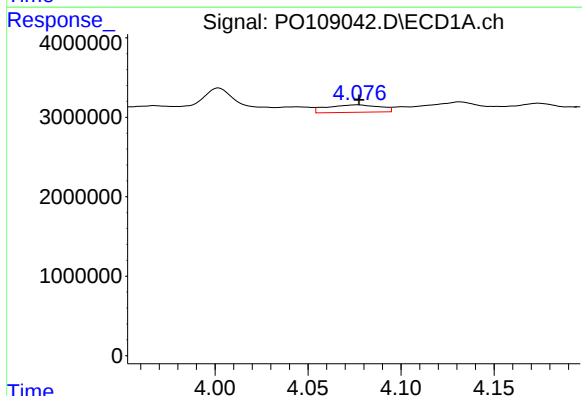
R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 5202408
Conc: 69.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



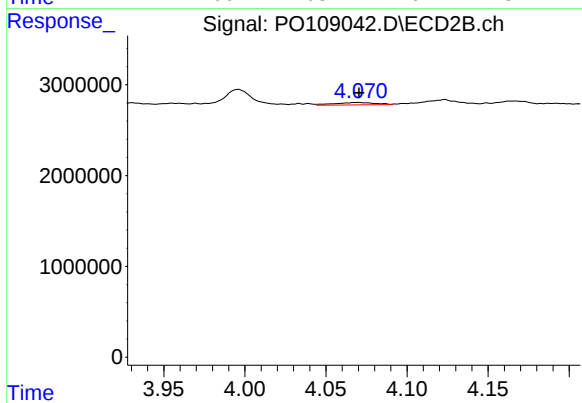
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 2335794
Conc: 47.30 ng/ml



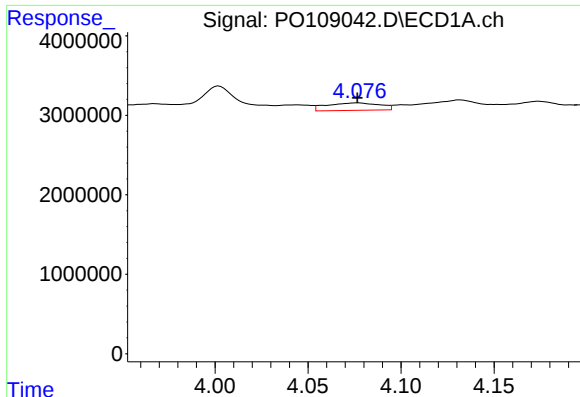
#10 AR-1221-3

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 1856429
Conc: 8.92 ng/ml



#10 AR-1221-3

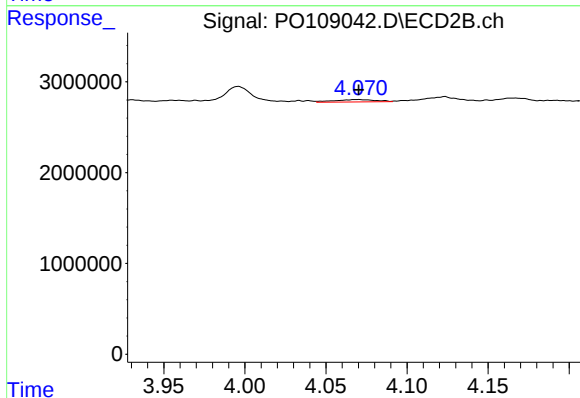
R.T.: 4.069 min
Delta R.T.: -0.001 min
Response: 454950
Conc: 3.13 ng/ml



#11 AR-1232-1

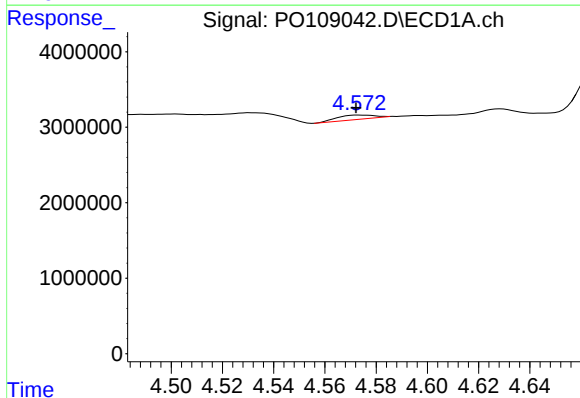
R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 1856429
Conc: 11.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



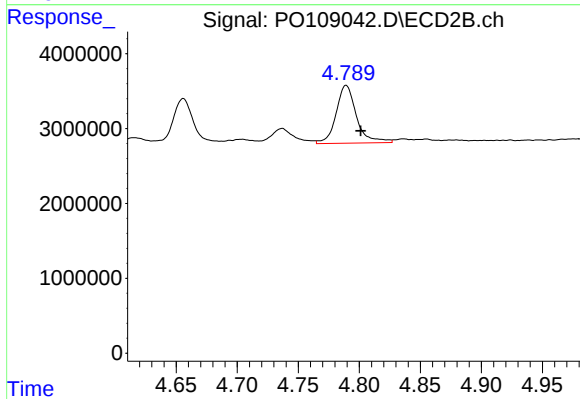
#11 AR-1232-1

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 454950
Conc: 3.94 ng/ml



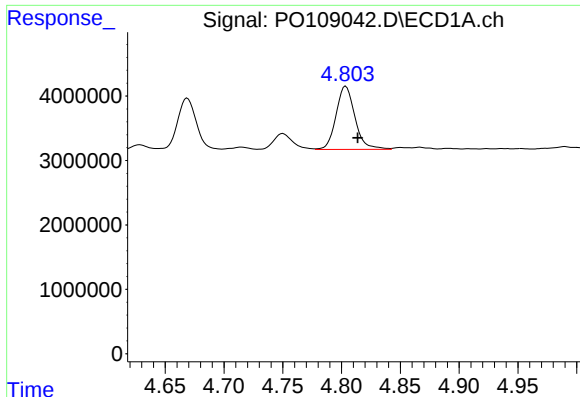
#12 AR-1232-2

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 558050
Conc: 6.13 ng/ml



#12 AR-1232-2

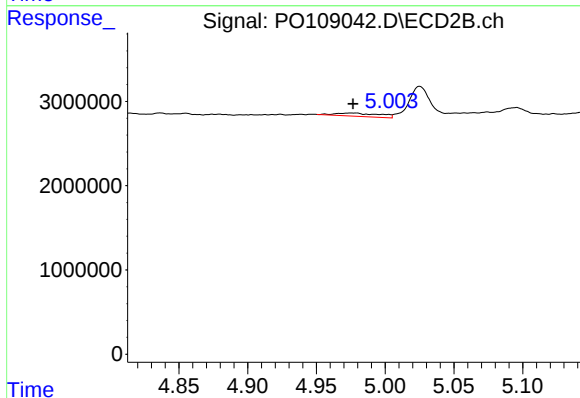
R.T.: 4.789 min
Delta R.T.: -0.012 min
Response: 8948805
Conc: 82.16 ng/ml



#13 AR-1232-3

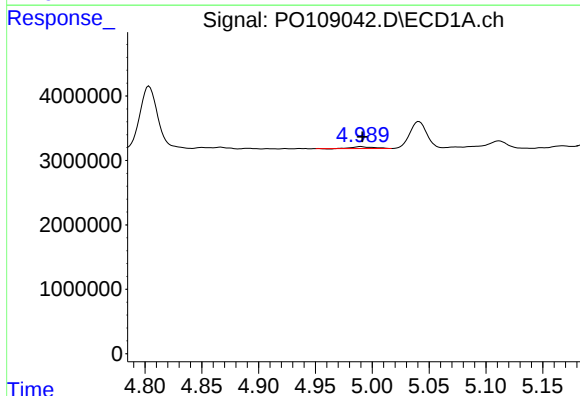
R.T.: 4.804 min
Delta R.T.: -0.010 min
Response: 10975527
Conc: 68.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



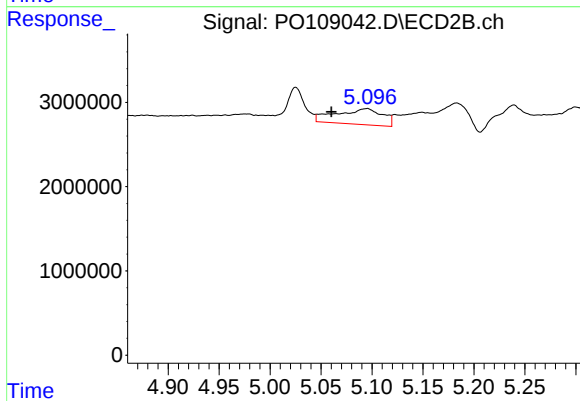
#13 AR-1232-3

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 870344
Conc: 14.51 ng/ml



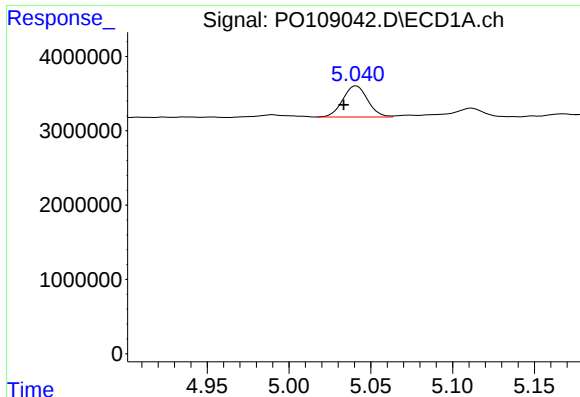
#14 AR-1232-4

R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 375521
Conc: 4.27 ng/ml



#14 AR-1232-4

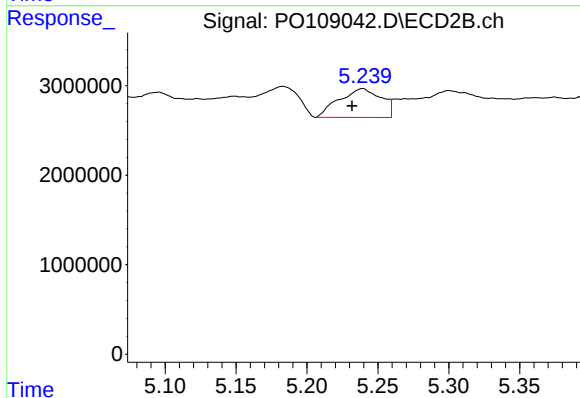
R.T.: 5.095 min
Delta R.T.: 0.035 min
Response: 5908938
Conc: 103.19 ng/ml



#15 AR-1232-5

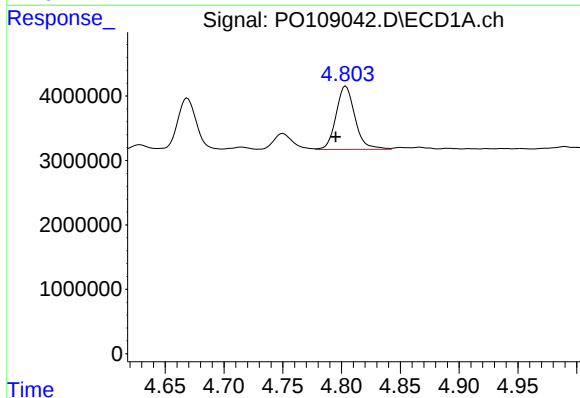
R.T.: 5.041 min
Delta R.T.: 0.008 min
Response: 4404412
Conc: 67.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



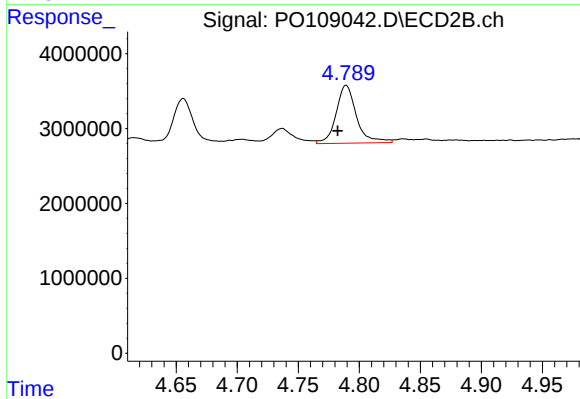
#15 AR-1232-5

R.T.: 5.239 min
Delta R.T.: 0.007 min
Response: 6653679
Conc: 109.67 ng/ml



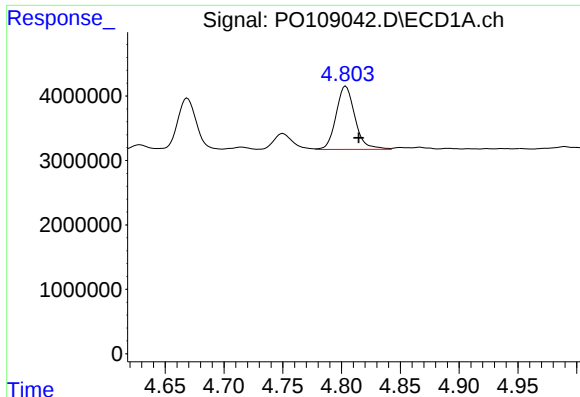
#16 AR-1242-1

R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 10975527
Conc: 51.66 ng/ml



#16 AR-1242-1

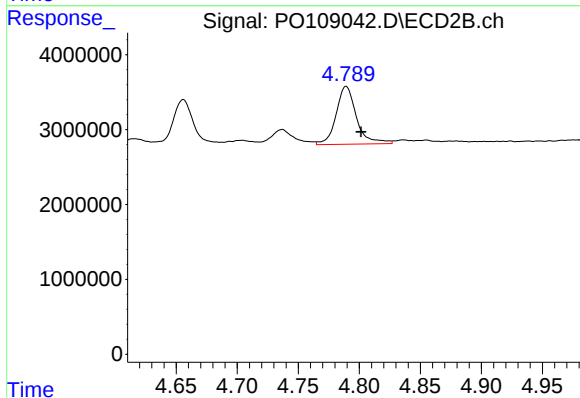
R.T.: 4.789 min
Delta R.T.: 0.007 min
Response: 8948805
Conc: 62.62 ng/ml



#17 AR-1242-2

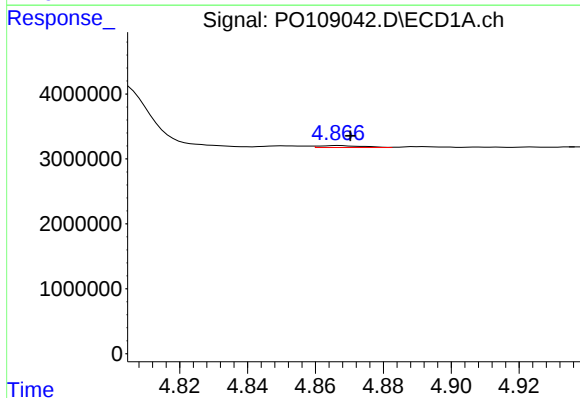
R.T.: 4.804 min
Delta R.T.: -0.011 min
Response: 10975527
Conc: 38.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



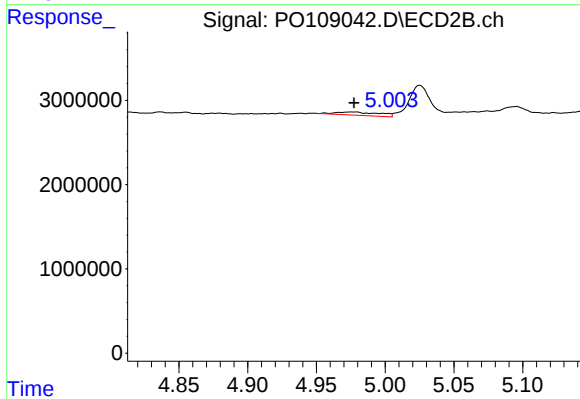
#17 AR-1242-2

R.T.: 4.789 min
Delta R.T.: -0.012 min
Response: 8948805
Conc: 45.38 ng/ml



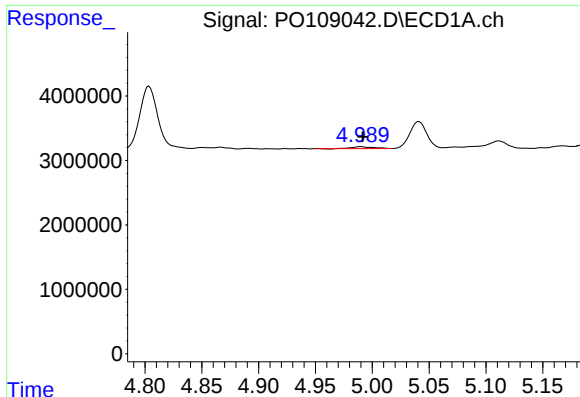
#18 AR-1242-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 257215
Conc: 1.26 ng/ml



#18 AR-1242-3

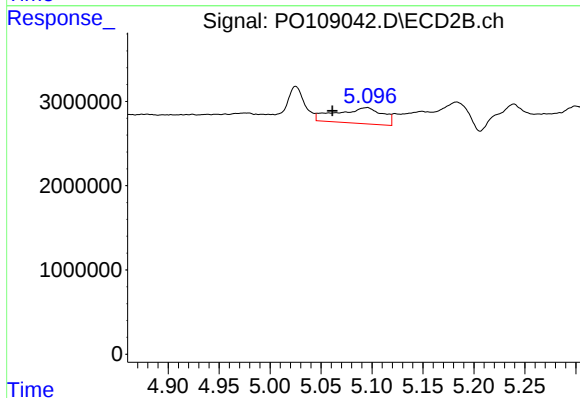
R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 870344
Conc: 7.98 ng/ml



#19 AR-1242-4

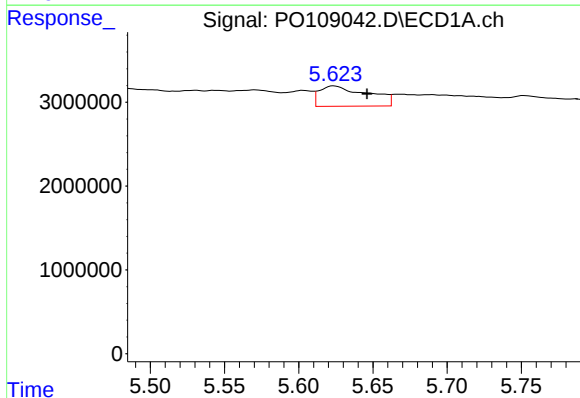
R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 375521
Conc: 2.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



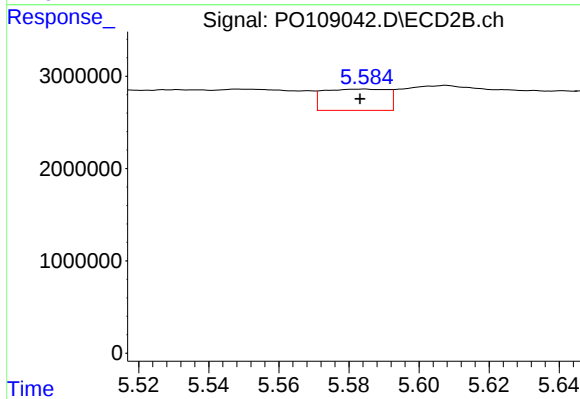
#19 AR-1242-4

R.T.: 5.095 min
Delta R.T.: 0.034 min
Response: 5908938
Conc: 52.00 ng/ml



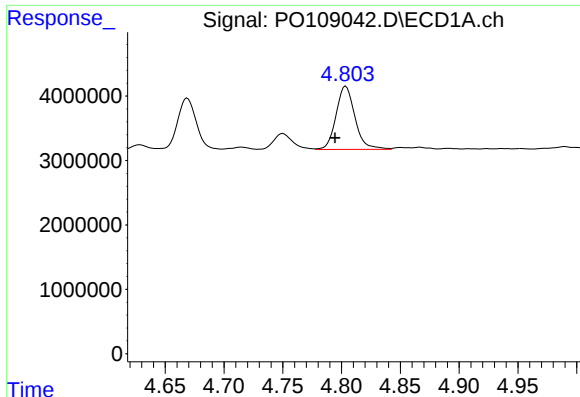
#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: -0.022 min
Response: 5505321
Conc: 32.96 ng/ml



#20 AR-1242-5

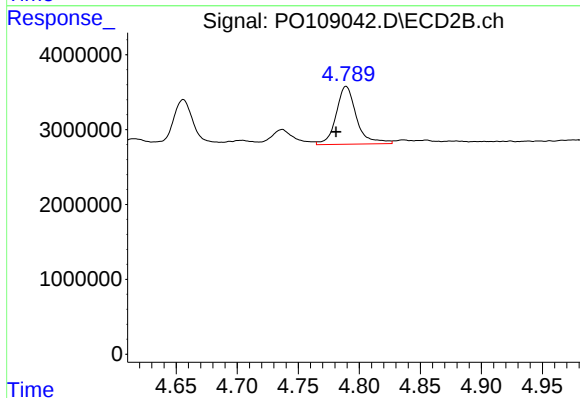
R.T.: 5.584 min
Delta R.T.: 0.001 min
Response: 2911724
Conc: 21.29 ng/ml



#21 AR-1248-1

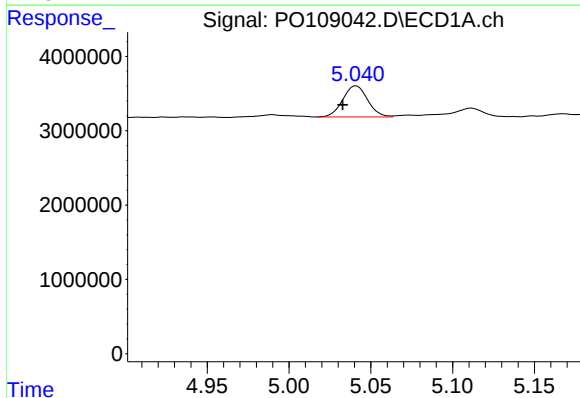
R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 10975527
Conc: 68.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



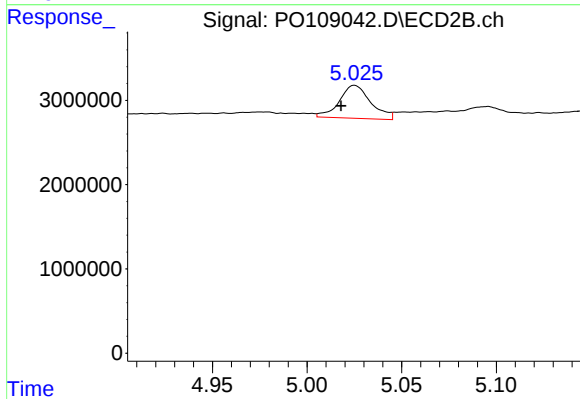
#21 AR-1248-1

R.T.: 4.789 min
Delta R.T.: 0.008 min
Response: 8948805
Conc: 83.38 ng/ml



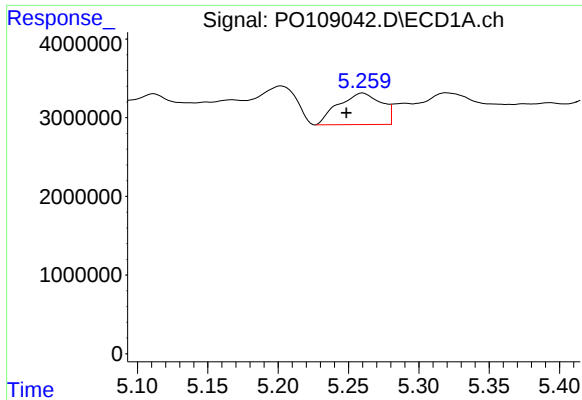
#22 AR-1248-2

R.T.: 5.041 min
Delta R.T.: 0.008 min
Response: 4404412
Conc: 19.71 ng/ml



#22 AR-1248-2

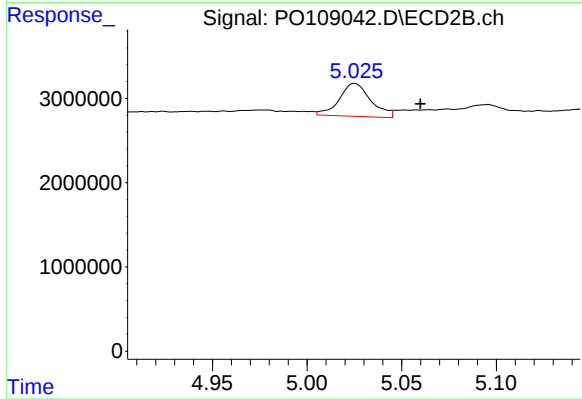
R.T.: 5.025 min
Delta R.T.: 0.007 min
Response: 4535287
Conc: 29.45 ng/ml



#23 AR-1248-3

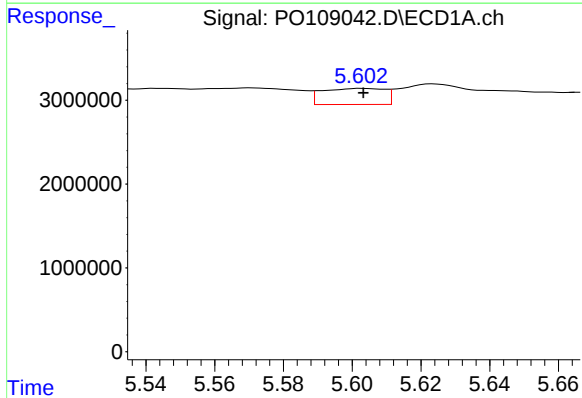
R.T.: 5.260 min
Delta R.T.: 0.012 min
Response: 8545092
Conc: 31.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



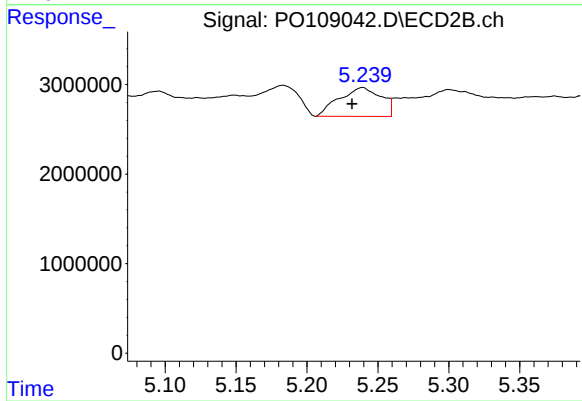
#23 AR-1248-3

R.T.: 5.025 min
Delta R.T.: -0.035 min
Response: 4535287
Conc: 27.42 ng/ml



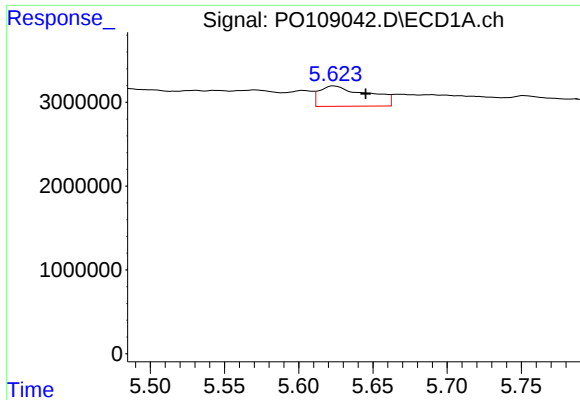
#24 AR-1248-4

R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 2414449
Conc: 6.28 ng/ml



#24 AR-1248-4

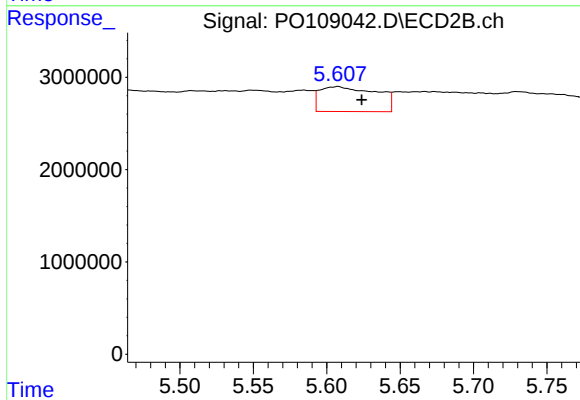
R.T.: 5.239 min
Delta R.T.: 0.008 min
Response: 6653679
Conc: 34.74 ng/ml



#25 AR-1248-5

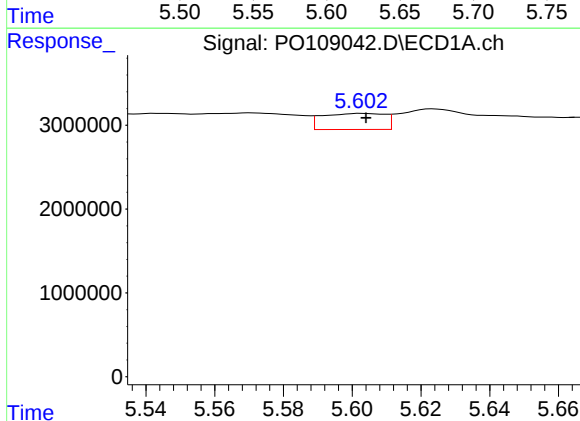
R.T.: 5.624 min
Delta R.T.: -0.022 min
Response: 5505321
Conc: 20.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



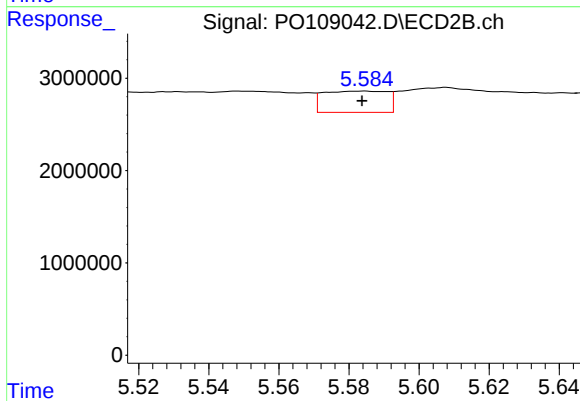
#25 AR-1248-5

R.T.: 5.608 min
Delta R.T.: -0.016 min
Response: 7278365
Conc: 39.73 ng/ml



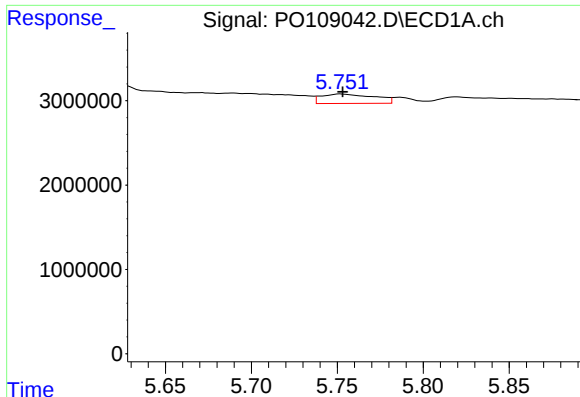
#26 AR-1254-1

R.T.: 5.603 min
Delta R.T.: -0.001 min
Response: 2414449
Conc: 5.84 ng/ml



#26 AR-1254-1

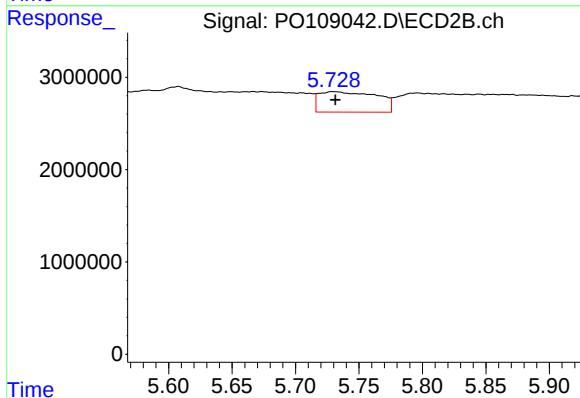
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 2911724
Conc: 10.36 ng/ml



#27 AR-1254-2

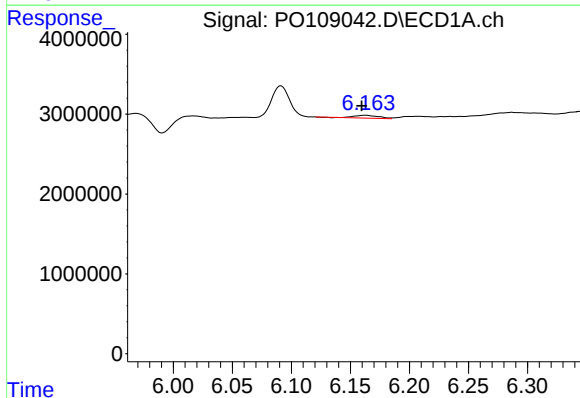
R.T.: 5.752 min
Delta R.T.: -0.001 min
Response: 2396184
Conc: 6.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



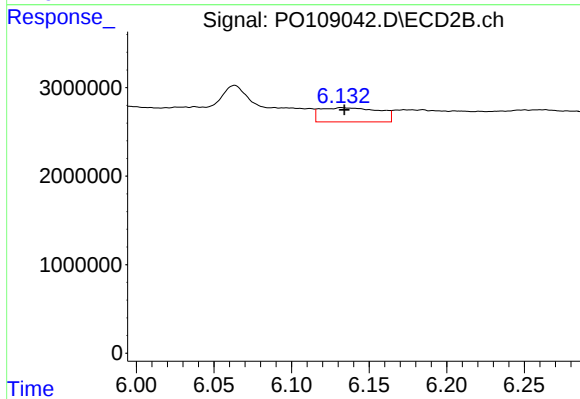
#27 AR-1254-2

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 7046932
Conc: 28.16 ng/ml



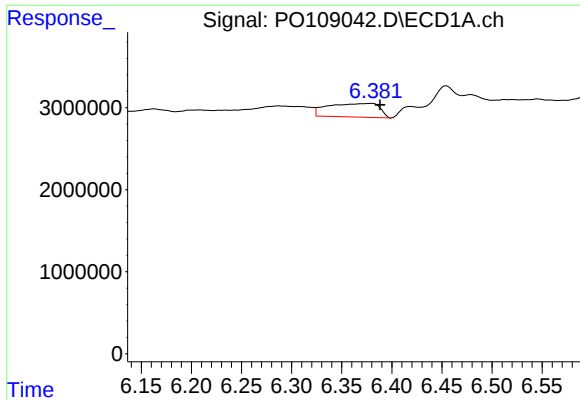
#28 AR-1254-3

R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 509198
Conc: 0.90 ng/ml



#28 AR-1254-3

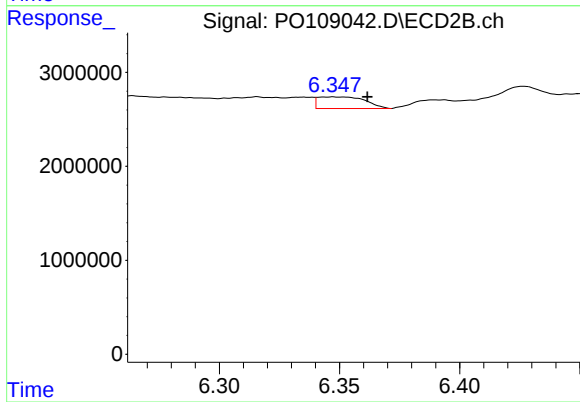
R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 4220052
Conc: 10.74 ng/ml



#29 AR-1254-4

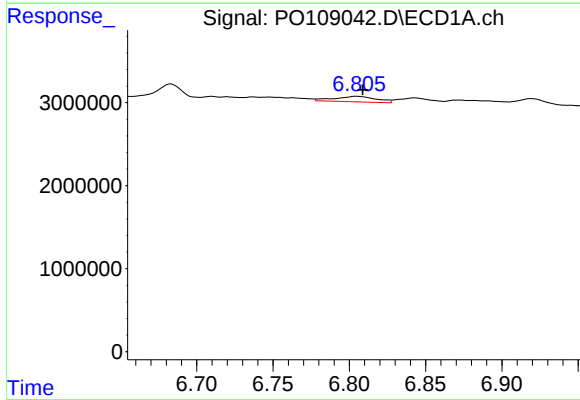
R.T.: 6.380 min
Delta R.T.: -0.009 min
Response: 5918509
Conc: 17.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



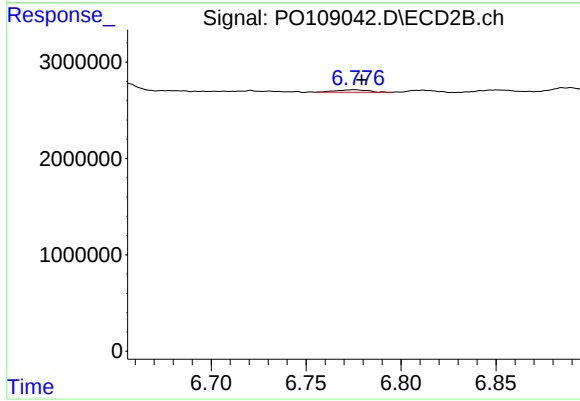
#29 AR-1254-4

R.T.: 6.347 min
Delta R.T.: -0.014 min
Response: 1693715
Conc: 7.69 ng/ml



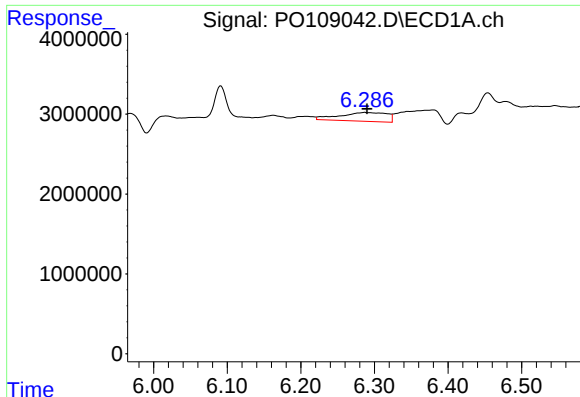
#30 AR-1254-5

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 1262235
Conc: 2.46 ng/ml



#30 AR-1254-5

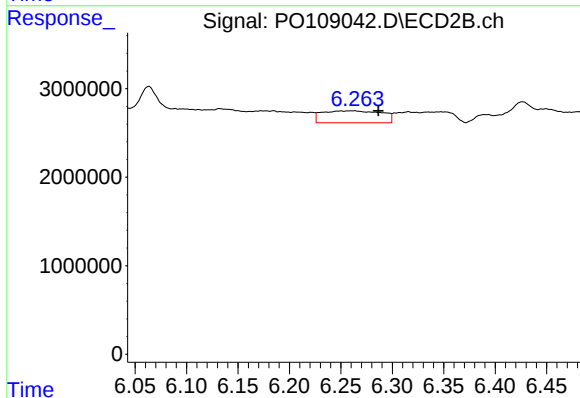
R.T.: 6.776 min
Delta R.T.: -0.004 min
Response: 306419
Conc: 0.94 ng/ml



#31 AR-1260-1

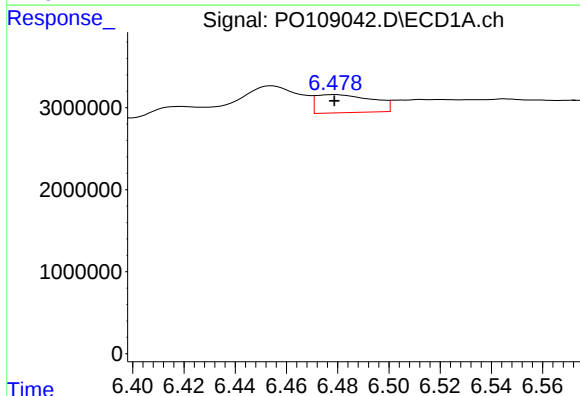
R.T.: 6.287 min
Delta R.T.: -0.003 min
Response: 4931212
Conc: 12.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



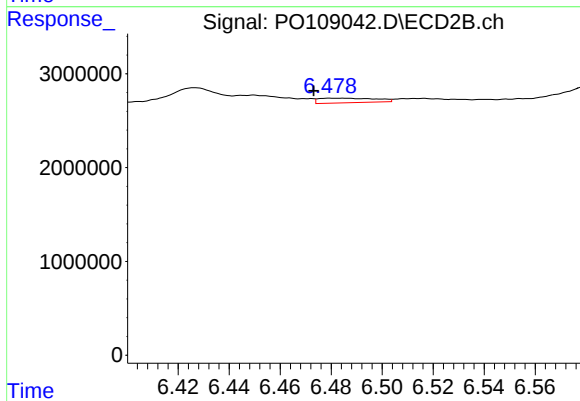
#31 AR-1260-1

R.T.: 6.263 min
Delta R.T.: -0.023 min
Response: 5448705
Conc: 21.62 ng/ml



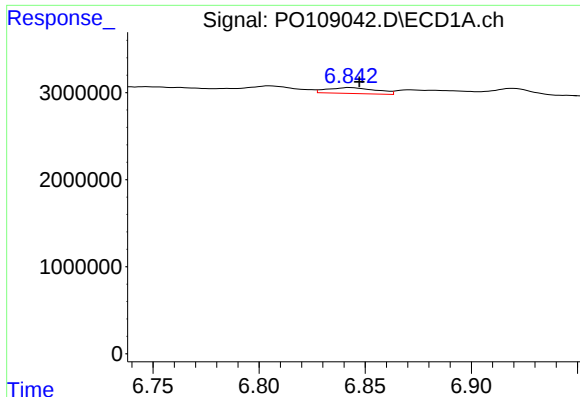
#32 AR-1260-2

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 3367587
Conc: 7.17 ng/ml



#32 AR-1260-2

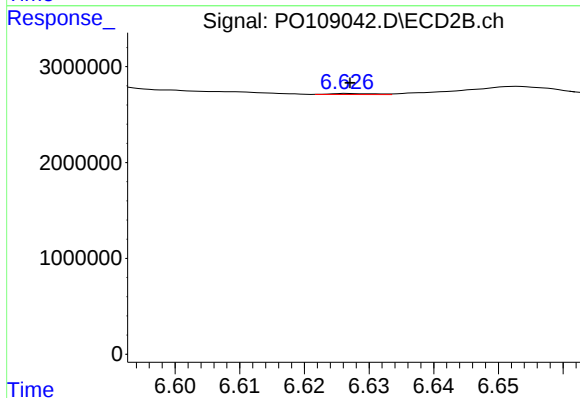
R.T.: 6.485 min
Delta R.T.: 0.012 min
Response: 763744
Conc: 2.54 ng/ml



#33 AR-1260-3

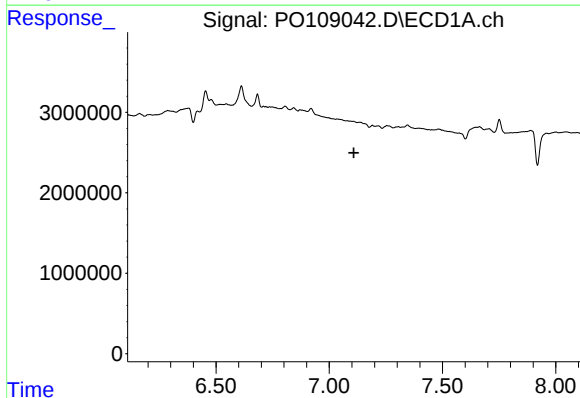
R.T.: 6.843 min
Delta R.T.: -0.004 min
Response: 1080379
Conc: 2.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



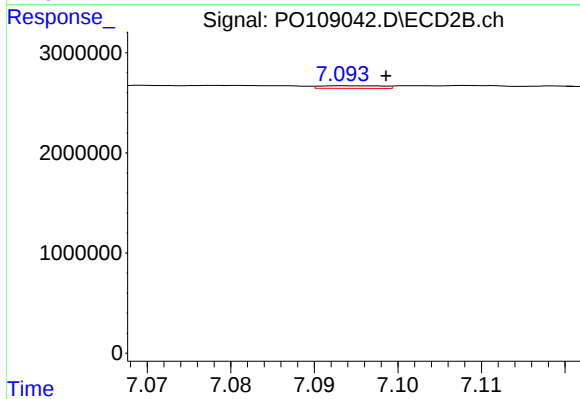
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 48733
Conc: 0.18 ng/ml



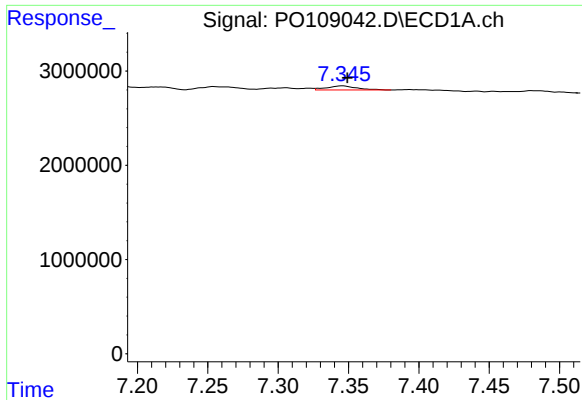
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.108 min
Response: 0
Conc: N.D.



#34 AR-1260-4

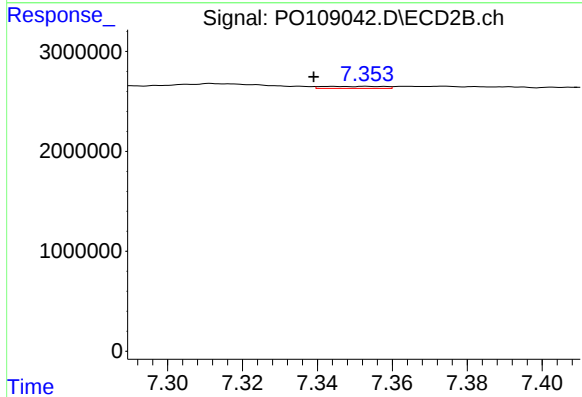
R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 135159
Conc: 0.60 ng/ml



#35 AR-1260-5

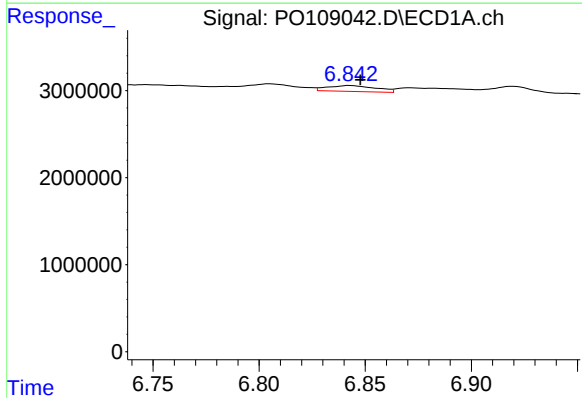
R.T.: 7.346 min
Delta R.T.: -0.003 min
Response: 629702
Conc: 0.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



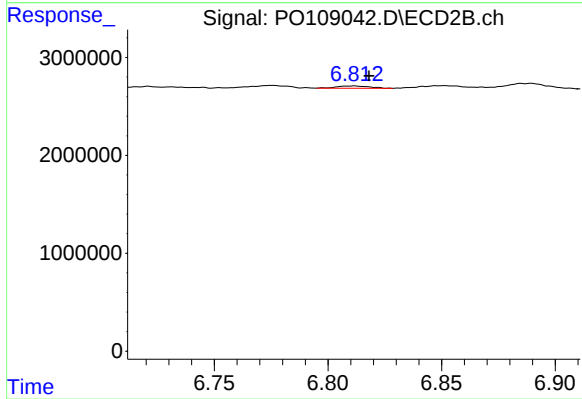
#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: 0.005 min
Response: 238742
Conc: 0.48 ng/ml



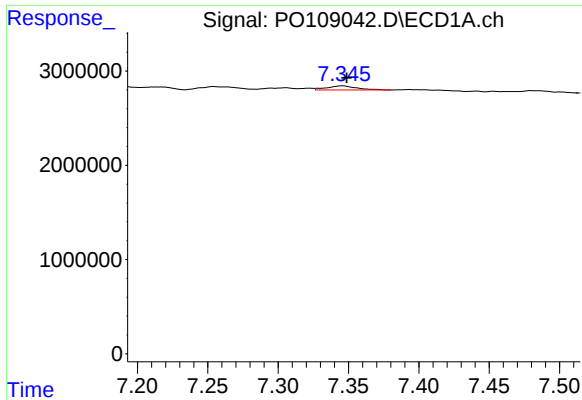
#36 AR-1262-1

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 1080379
Conc: 2.02 ng/ml



#36 AR-1262-1

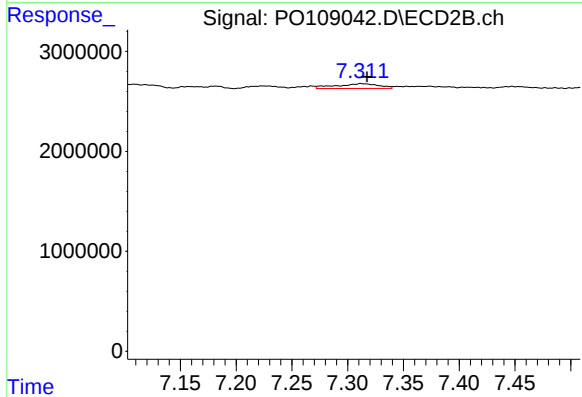
R.T.: 6.811 min
Delta R.T.: -0.007 min
Response: 247476
Conc: 0.73 ng/ml



#37 AR-1262-2

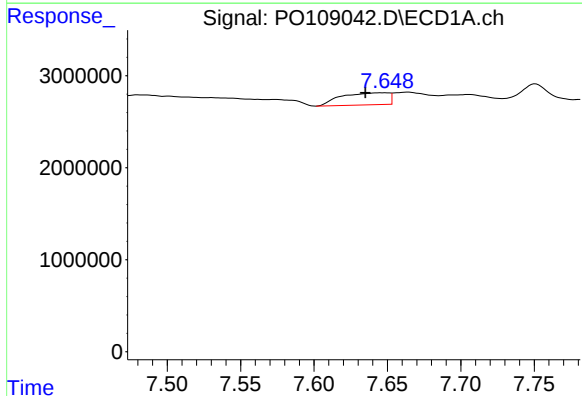
R.T.: 7.346 min
Delta R.T.: -0.003 min
Response: 629702
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



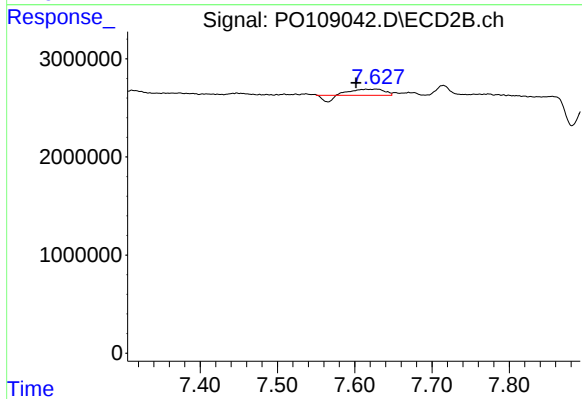
#37 AR-1262-2

R.T.: 7.312 min
Delta R.T.: -0.006 min
Response: 1293876
Conc: 2.33 ng/ml



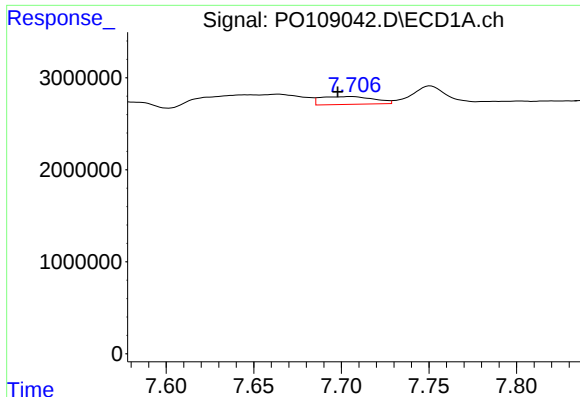
#38 AR-1262-3

R.T.: 7.649 min
Delta R.T.: 0.014 min
Response: 2916397
Conc: 8.00 ng/ml



#38 AR-1262-3

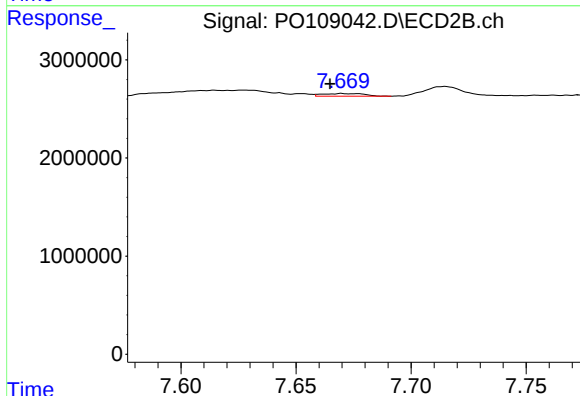
R.T.: 7.627 min
Delta R.T.: 0.026 min
Response: 1415736
Conc: 6.60 ng/ml



#39 AR-1262-4

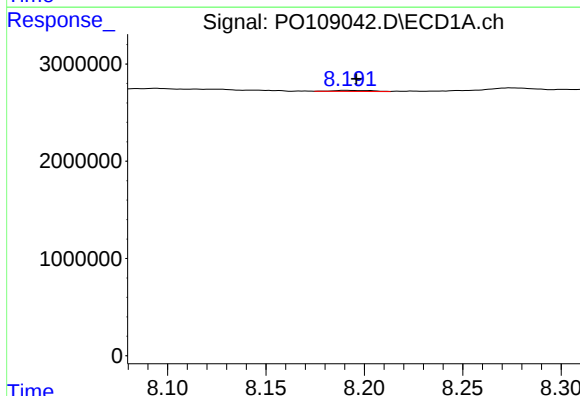
R.T.: 7.706 min
Delta R.T.: 0.008 min
Response: 1807035
Conc: 2.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



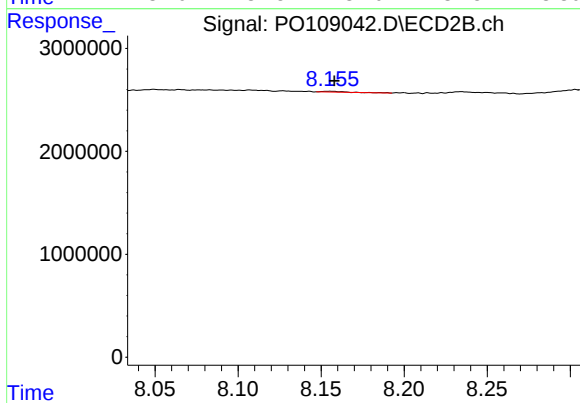
#39 AR-1262-4

R.T.: 7.670 min
Delta R.T.: 0.005 min
Response: 351715
Conc: 0.90 ng/ml



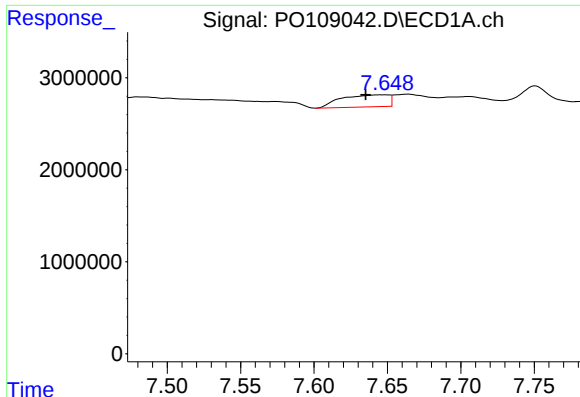
#40 AR-1262-5

R.T.: 8.191 min
Delta R.T.: -0.005 min
Response: 143174
Conc: 0.47 ng/ml



#40 AR-1262-5

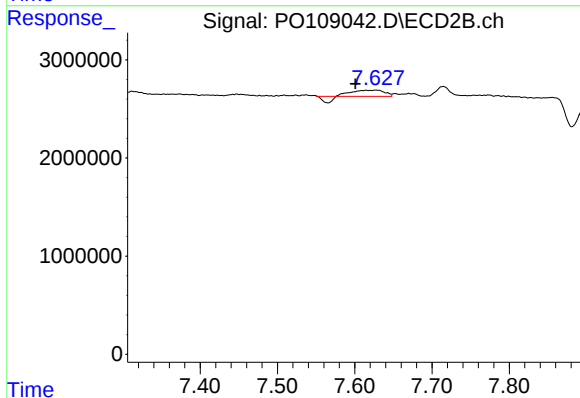
R.T.: 8.155 min
Delta R.T.: -0.003 min
Response: 88610
Conc: 0.56 ng/ml



#41 AR-1268-1

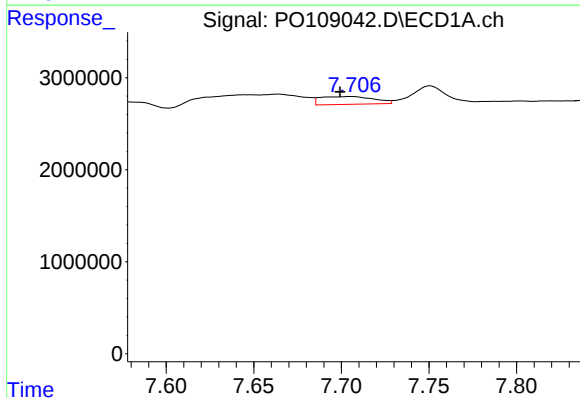
R.T.: 7.649 min
Delta R.T.: 0.013 min
Response: 2916397
Conc: 2.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



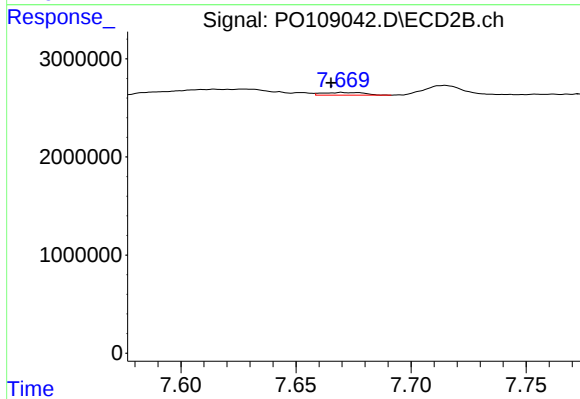
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.026 min
Response: 1415736
Conc: 2.25 ng/ml



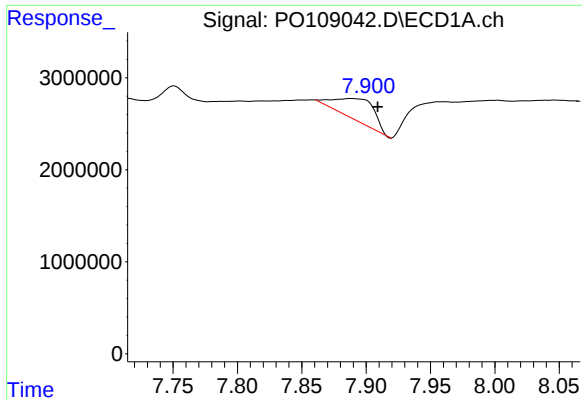
#42 AR-1268-2

R.T.: 7.706 min
Delta R.T.: 0.006 min
Response: 1807035
Conc: 1.86 ng/ml



#42 AR-1268-2

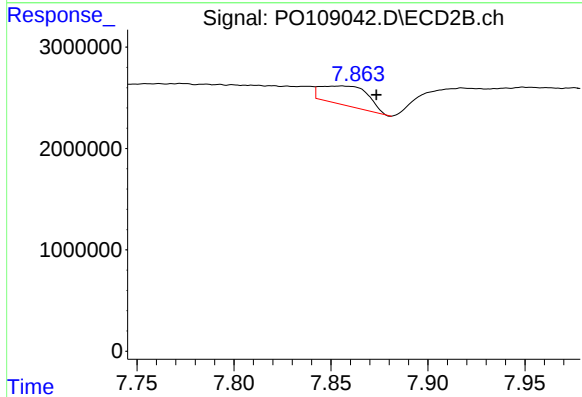
R.T.: 7.670 min
Delta R.T.: 0.005 min
Response: 351715
Conc: 0.62 ng/ml



#43 AR-1268-3

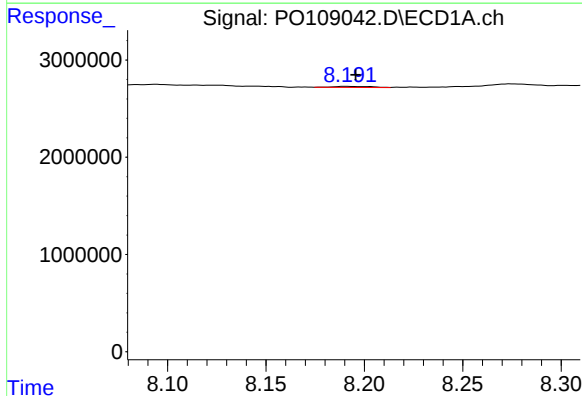
R.T.: 7.888 min
Delta R.T.: -0.021 min
Response: 5055129
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



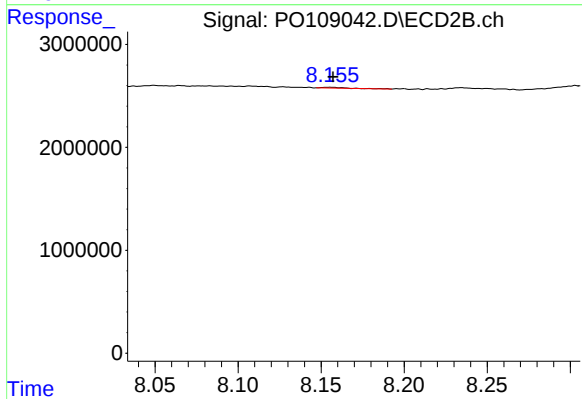
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: -0.018 min
Response: 3218737
Conc: 6.99 ng/ml



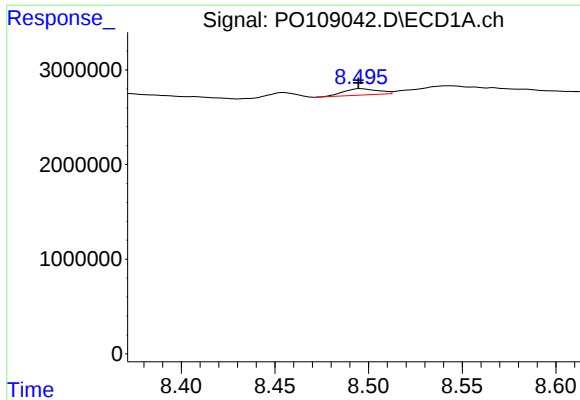
#44 AR-1268-4

R.T.: 8.191 min
Delta R.T.: -0.005 min
Response: 143174
Conc: 0.42 ng/ml



#44 AR-1268-4

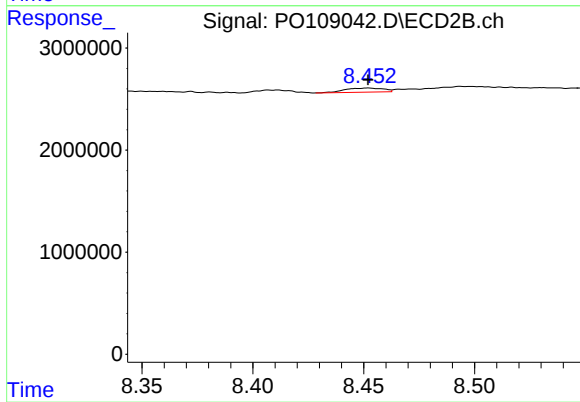
R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 88610
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 8.496 min
Delta R.T.: 0.001 min
Response: 852056
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 485505
Conc: 0.41 ng/ml