

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051223\
 Data File : P0095004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2023 10:29
 Operator : YP/AJ
 Sample : 02724-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 12:14:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 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...	4.415	3.616	58279255	23962000	16.919	17.908
2)	SA Decachlor...	10.251	8.624	31228686	15220220	12.868	13.522
Target Compounds							
3)	L1 AR-1016-1	5.587	4.723	1464253	698456	14.374	17.610
4)	L1 AR-1016-2	5.617	4.723	3846793	698456	25.424	11.815 #
5)	L1 AR-1016-3	5.687	4.939f	570148	1349888	5.751	43.001 #
6)	L1 AR-1016-4	5.822f	4.939	1019888	1349888	13.702	46.682 #
7)	L1 AR-1016-5	6.086	5.152	5306115	4427350	63.598	120.971 #
8)	L2 AR-1221-1	4.623	3.819	9884394	1038003	222.832	60.462 #
9)	L2 AR-1221-2	4.722	3.897	3261214	4980947	100.232	391.313 #
10)	L2 AR-1221-3	4.807	3.987	15335734	3915564	153.387	99.232 #
11)	L3 AR-1232-1	4.807	3.987	15335734	3915564	181.320	115.052 #
12)	L3 AR-1232-2	5.334	4.723	1038831	698456	24.226	23.997
13)	L3 AR-1232-3	5.617	4.939f	3846793	1349888	52.956	90.979 #
14)	L3 AR-1232-4	5.822f	4.997	1019888	4803541	29.044	309.034 #
15)	L3 AR-1232-5	5.874	5.152	2003030	4427350	60.750	259.738 #
16)	L4 AR-1242-1	5.587	4.723	1464253	698456	17.528	21.090
17)	L4 AR-1242-2	5.617	4.723	3846793	698456	30.599	14.169 #
18)	L4 AR-1242-3	5.687	4.939f	570148	1349888	7.001	51.881 #
19)	L4 AR-1242-4	5.822f	4.997	1019888	4803541	16.607	162.276 #
20)	L4 AR-1242-5	6.490	5.504	49456705	17471015	768.519	552.967 #
21)	L5 AR-1248-1	5.587	4.723	1464253	698456	23.430	27.386
22)	L5 AR-1248-2	5.874	4.939	2003030	1349888	19.143	32.594 #
23)	L5 AR-1248-3	6.086	4.997	5306115	4803541	47.922	111.964 #
24)	L5 AR-1248-4	6.490	5.152	49456705	4427350	480.347	90.325 #
25)	L5 AR-1248-5	6.490	5.571	49456705	4958238	454.736	124.624 #
26)	L6 AR-1254-1	6.468	5.504	11428944	17471015	90.206	241.010 #
27)	L6 AR-1254-2	6.686	5.644	23525815	4118214	123.085	63.115 #
28)	L6 AR-1254-3	7.055	6.047	16553543	1885838	87.763	18.991 #
29)	L6 AR-1254-4	7.337	6.293	983078	1819659	8.680	36.866 #
30)	L6 AR-1254-5	7.780	6.695	27677961	13554770	197.633	161.114
31)	L7 AR-1260-1	7.214	6.199	1420177	9431858	9.578	133.975 #
32)	L7 AR-1260-2	7.467	6.354	31964792	3674791	197.114	45.967 #
33)	L7 AR-1260-3	7.838	6.522	1039651	839601	7.952	11.165 #
34)	L7 AR-1260-4	8.060	6.994	1459029	490326	10.434	7.833
35)	L7 AR-1260-5	8.394	7.237	1382164	887574	5.650	7.042
36)	L8 AR-1262-1	7.838	6.799	1039651	1317391	6.190	35.150 #
37)	L8 AR-1262-2	8.394	6.994	1382164	490326	5.498	6.572
38)	L8 AR-1262-3	8.713	7.524	857118	1005539	4.746	17.286 #
39)	L8 AR-1262-4	8.806	7.585	1025251	1476095	11.042	14.574 #
40)	L8 AR-1262-5	9.471	0.000	4438334	0	51.823	N.D. #
41)	L9 AR-1268-1	8.713	7.524	857118	1005539	2.534	5.952 #

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 Acq On : 12 May 2023 10:29
 Operator : YP/AJ
 Sample : 02724-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

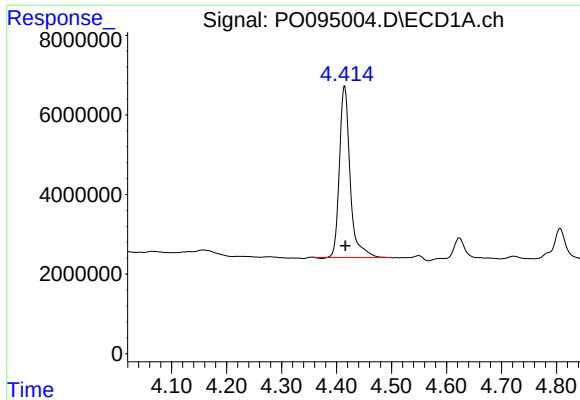
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 12:14:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.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	8.806	7.585	1025251	1476095	3.379	9.633 #
43) L9	AR-1268-3	9.031	7.794	996609	787212	3.694	5.788 #
44) L9	AR-1268-4	9.471	0.000	4438334	0	47.277	N.D. #
45) L9	AR-1268-5	9.909	8.375	711967	866784	0.847	2.214 #

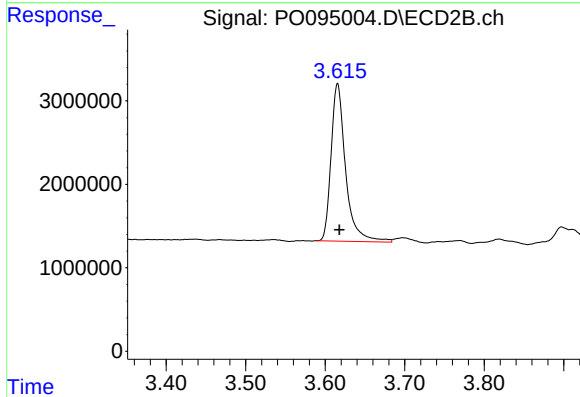
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

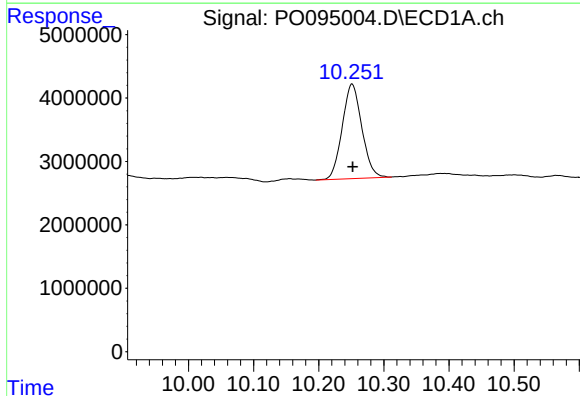
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 58279255
Conc: 16.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



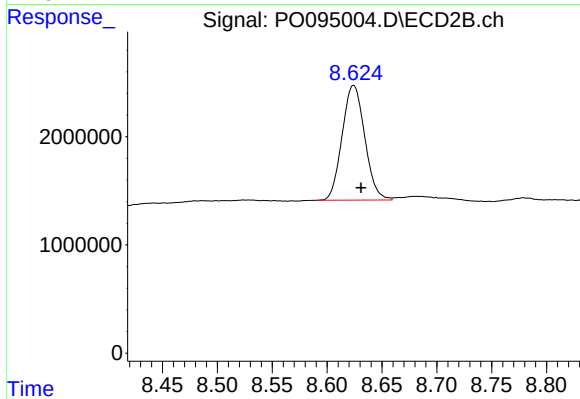
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 23962000
Conc: 17.91 ng/ml



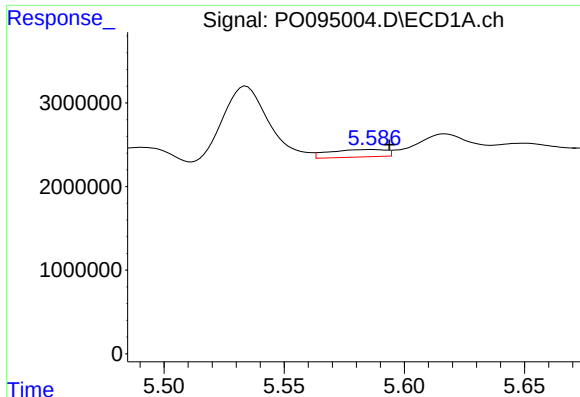
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 31228686
Conc: 12.87 ng/ml



#2 Decachlorobiphenyl

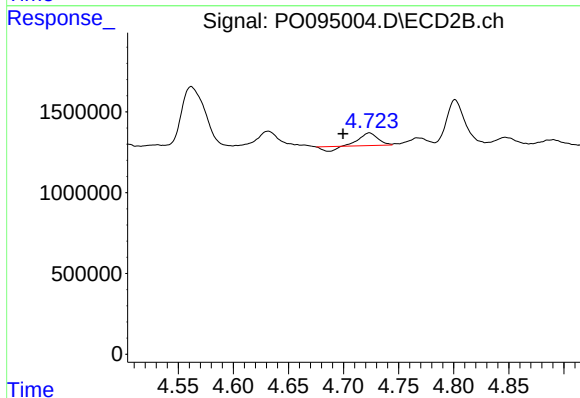
R.T.: 8.624 min
Delta R.T.: -0.007 min
Response: 15220220
Conc: 13.52 ng/ml



#3 AR-1016-1

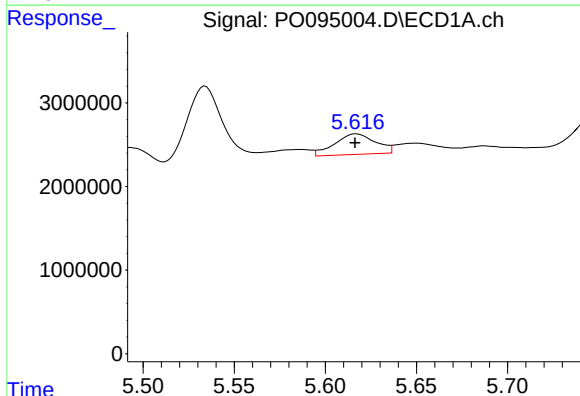
R.T.: 5.587 min
Delta R.T.: -0.007 min
Response: 1464253
Conc: 14.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



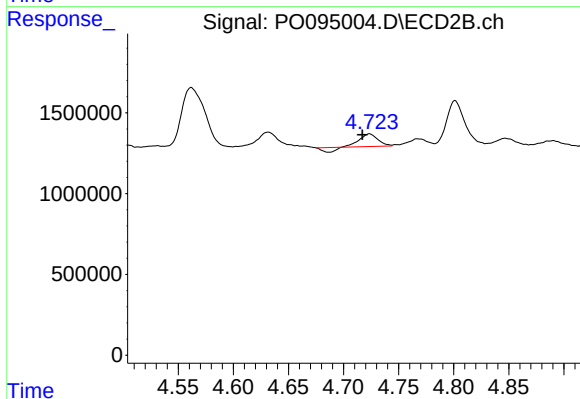
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.024 min
Response: 698456
Conc: 17.61 ng/ml



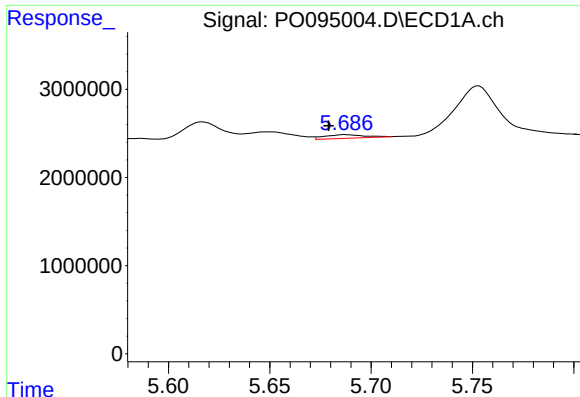
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 3846793
Conc: 25.42 ng/ml



#4 AR-1016-2

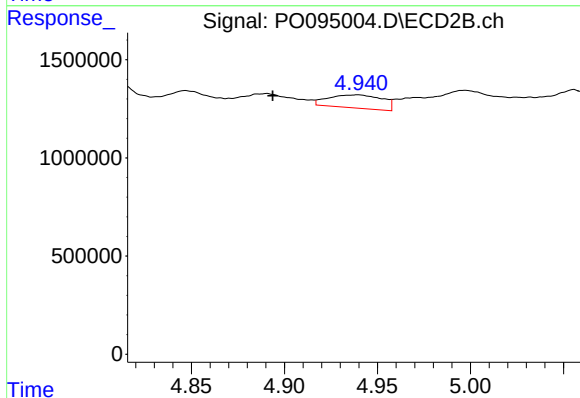
R.T.: 4.723 min
Delta R.T.: 0.006 min
Response: 698456
Conc: 11.81 ng/ml



#5 AR-1016-3

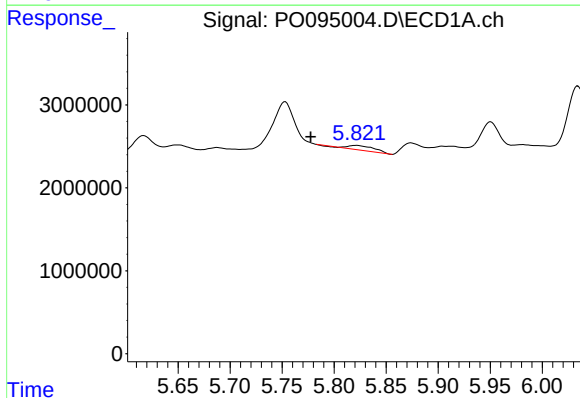
R.T.: 5.687 min
Delta R.T.: 0.008 min
Response: 570148
Conc: 5.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



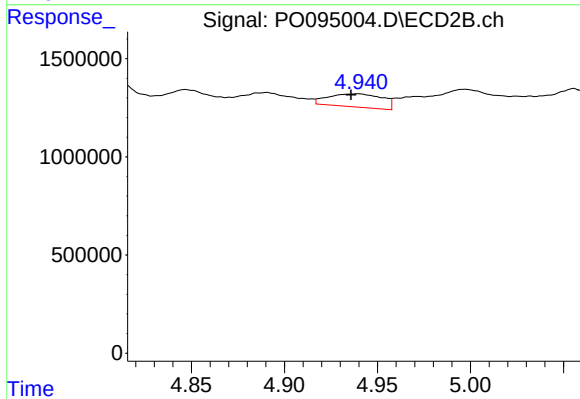
#5 AR-1016-3

R.T.: 4.939 min
Delta R.T.: 0.046 min
Response: 1349888
Conc: 43.00 ng/ml



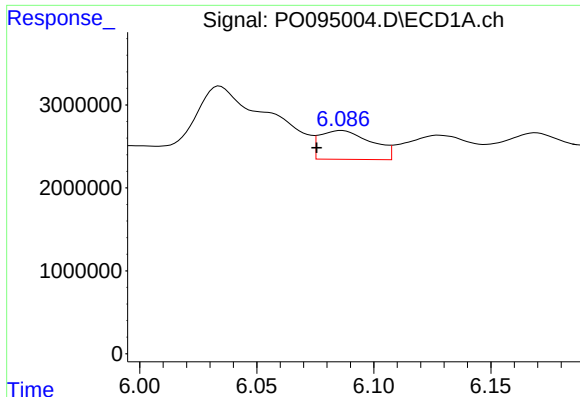
#6 AR-1016-4

R.T.: 5.822 min
Delta R.T.: 0.044 min
Response: 1019888
Conc: 13.70 ng/ml



#6 AR-1016-4

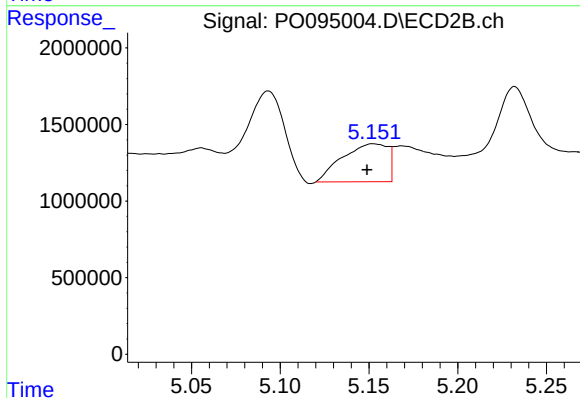
R.T.: 4.939 min
Delta R.T.: 0.004 min
Response: 1349888
Conc: 46.68 ng/ml



#7 AR-1016-5

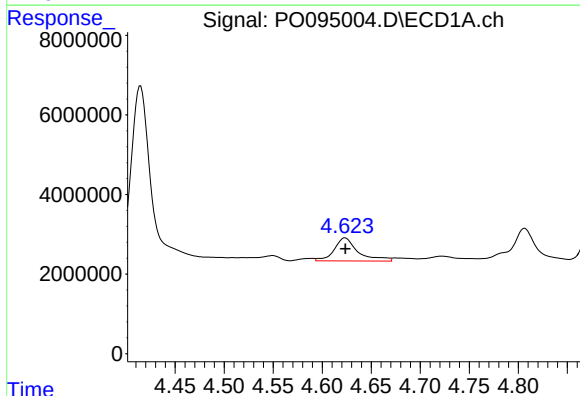
R.T.: 6.086 min
Delta R.T.: 0.011 min
Response: 5306115
Conc: 63.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



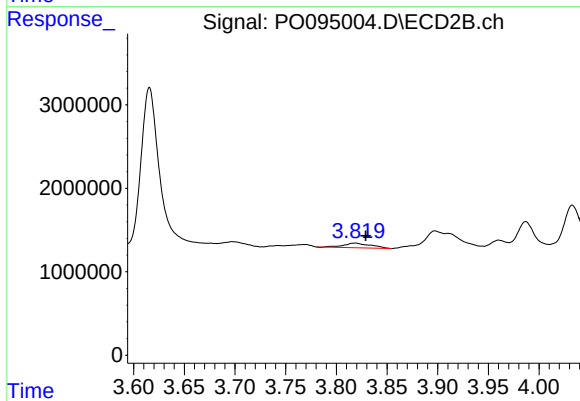
#7 AR-1016-5

R.T.: 5.152 min
Delta R.T.: 0.003 min
Response: 4427350
Conc: 120.97 ng/ml



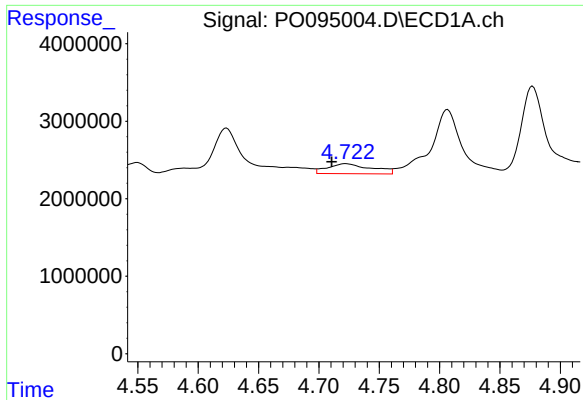
#8 AR-1221-1

R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 9884394
Conc: 222.83 ng/ml



#8 AR-1221-1

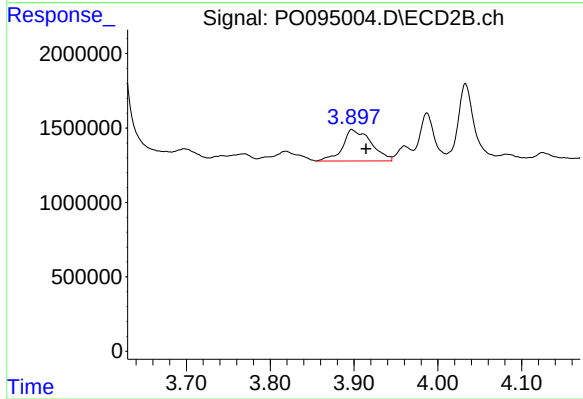
R.T.: 3.819 min
Delta R.T.: -0.010 min
Response: 1038003
Conc: 60.46 ng/ml



#9 AR-1221-2

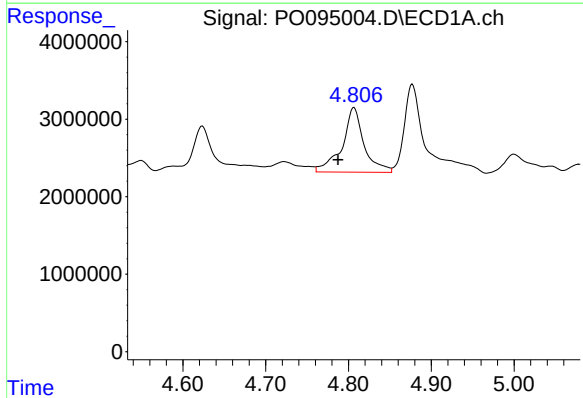
R.T.: 4.722 min
Delta R.T.: 0.012 min
Response: 3261214
Conc: 100.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



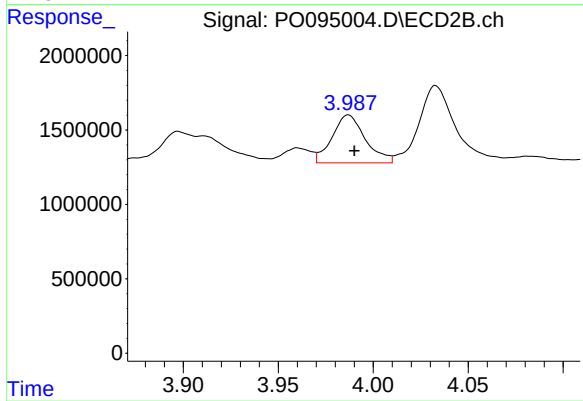
#9 AR-1221-2

R.T.: 3.897 min
Delta R.T.: -0.017 min
Response: 4980947
Conc: 391.31 ng/ml



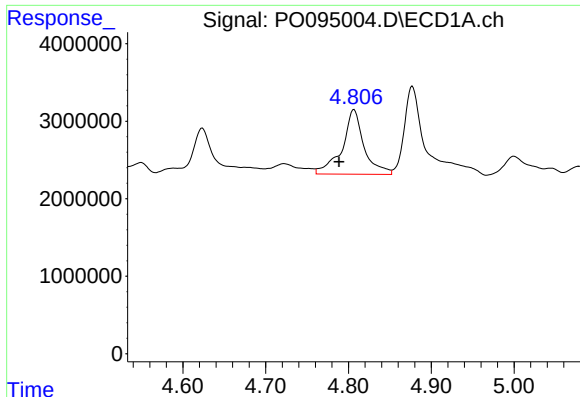
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: 0.019 min
Response: 15335734
Conc: 153.39 ng/ml



#10 AR-1221-3

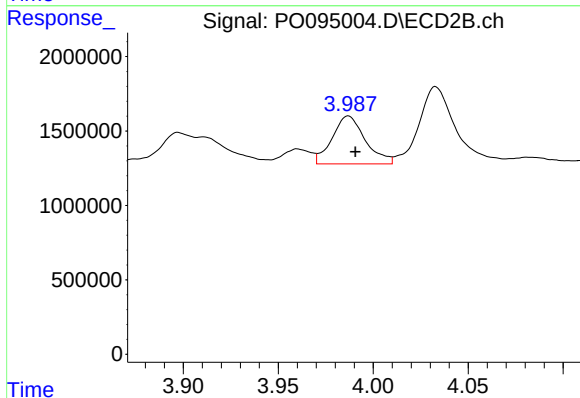
R.T.: 3.987 min
Delta R.T.: -0.003 min
Response: 3915564
Conc: 99.23 ng/ml



#11 AR-1232-1

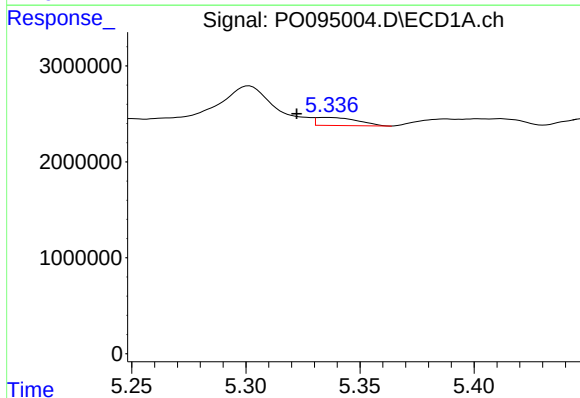
R.T.: 4.807 min
Delta R.T.: 0.018 min
Response: 15335734
Conc: 181.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



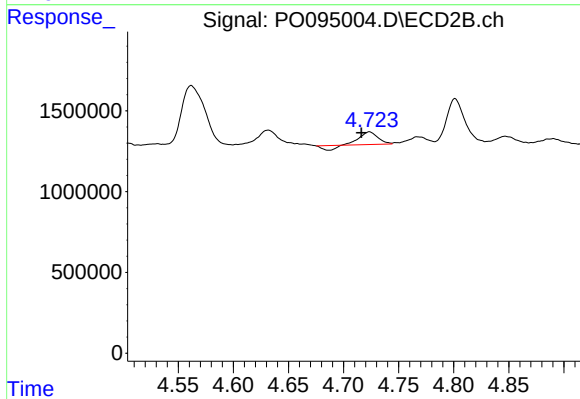
#11 AR-1232-1

R.T.: 3.987 min
Delta R.T.: -0.004 min
Response: 3915564
Conc: 115.05 ng/ml



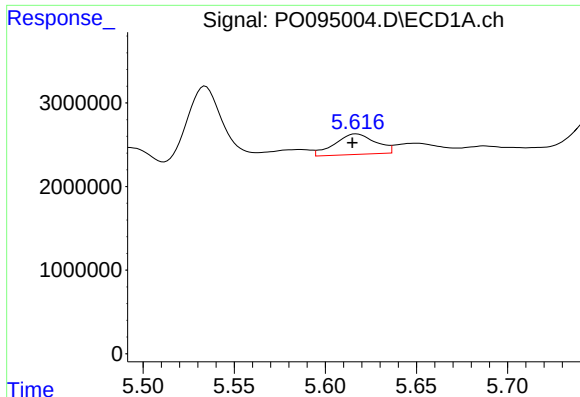
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: 0.012 min
Response: 1038831
Conc: 24.23 ng/ml



#12 AR-1232-2

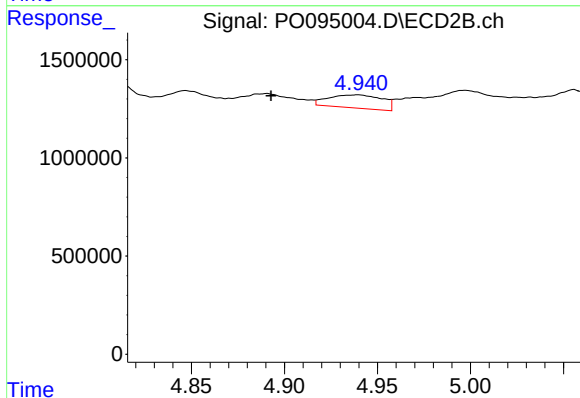
R.T.: 4.723 min
Delta R.T.: 0.007 min
Response: 698456
Conc: 24.00 ng/ml



#13 AR-1232-3

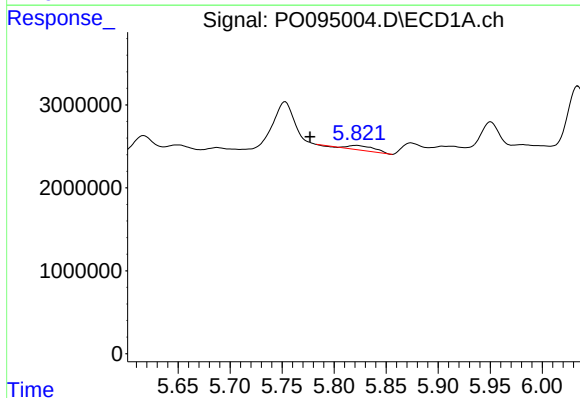
R.T.: 5.617 min
Delta R.T.: 0.002 min
Response: 3846793
Conc: 52.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



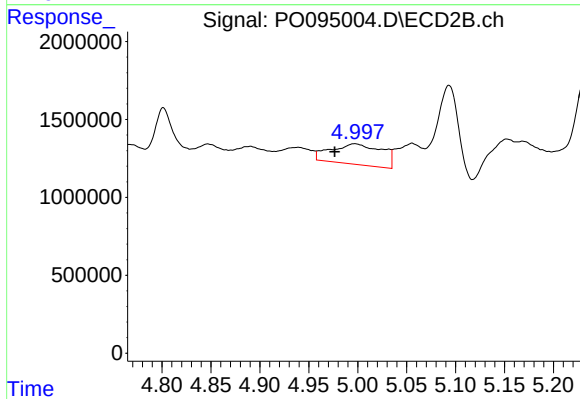
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: 0.047 min
Response: 1349888
Conc: 90.98 ng/ml



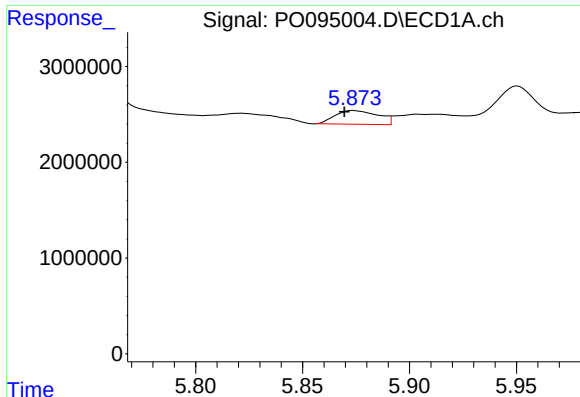
#14 AR-1232-4

R.T.: 5.822 min
Delta R.T.: 0.045 min
Response: 1019888
Conc: 29.04 ng/ml



#14 AR-1232-4

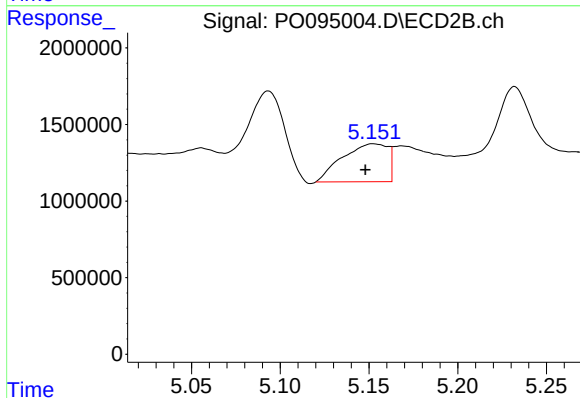
R.T.: 4.997 min
Delta R.T.: 0.020 min
Response: 4803541
Conc: 309.03 ng/ml



#15 AR-1232-5

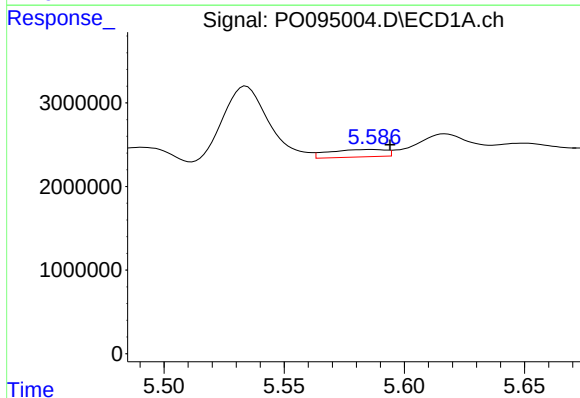
R.T.: 5.874 min
Delta R.T.: 0.004 min
Response: 2003030
Conc: 60.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



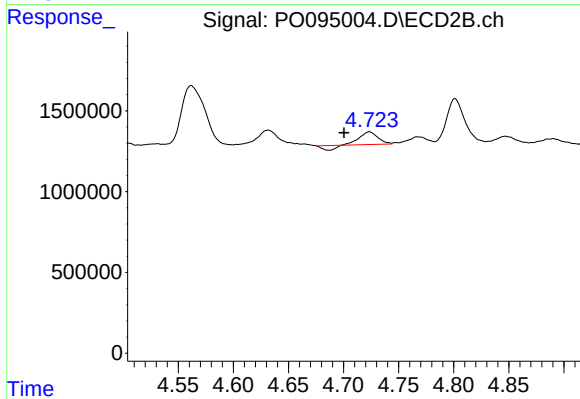
#15 AR-1232-5

R.T.: 5.152 min
Delta R.T.: 0.004 min
Response: 4427350
Conc: 259.74 ng/ml



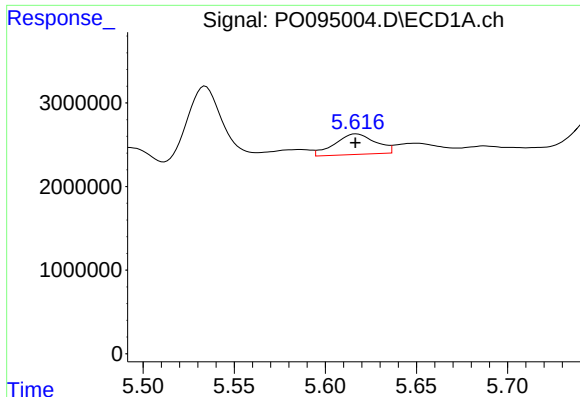
#16 AR-1242-1

R.T.: 5.587 min
Delta R.T.: -0.007 min
Response: 1464253
Conc: 17.53 ng/ml



#16 AR-1242-1

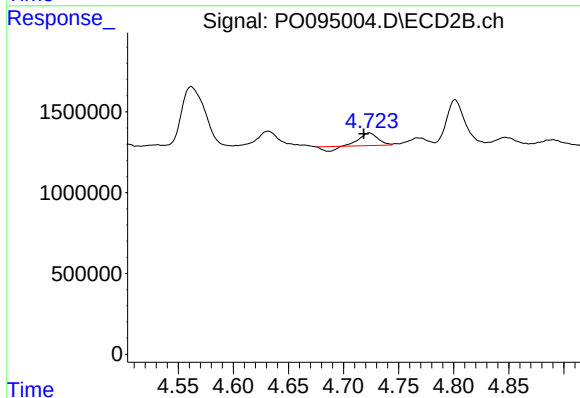
R.T.: 4.723 min
Delta R.T.: 0.023 min
Response: 698456
Conc: 21.09 ng/ml



#17 AR-1242-2

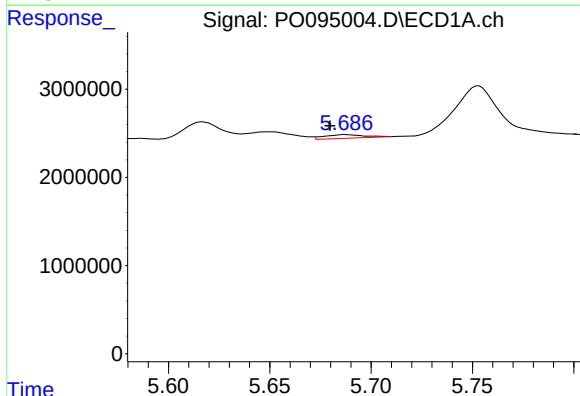
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 3846793
Conc: 30.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



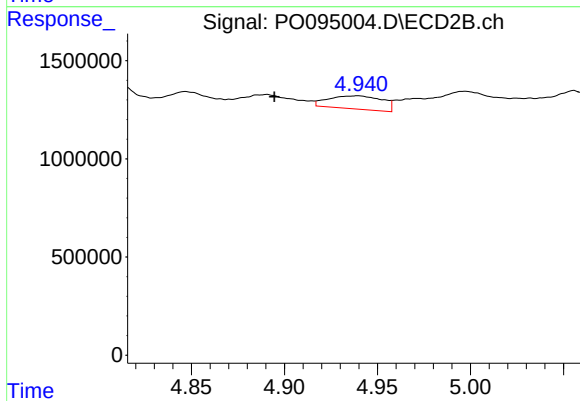
#17 AR-1242-2

R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 698456
Conc: 14.17 ng/ml



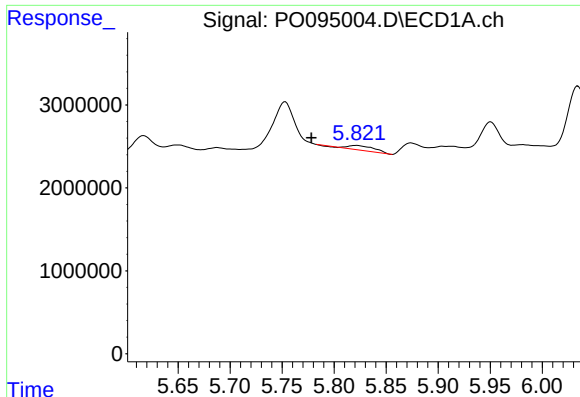
#18 AR-1242-3

R.T.: 5.687 min
Delta R.T.: 0.008 min
Response: 570148
Conc: 7.00 ng/ml



#18 AR-1242-3

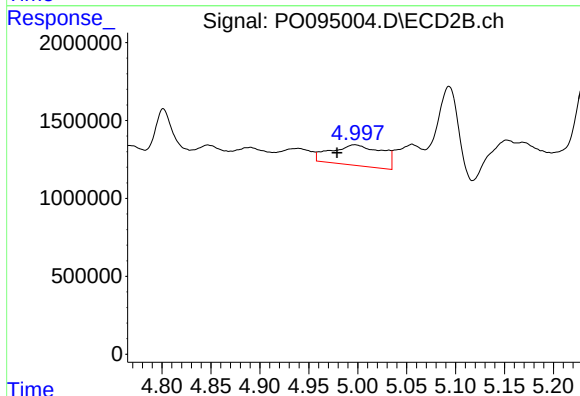
R.T.: 4.939 min
Delta R.T.: 0.045 min
Response: 1349888
Conc: 51.88 ng/ml



#19 AR-1242-4

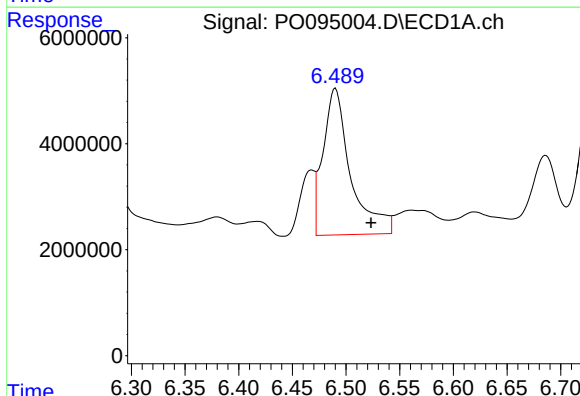
R.T.: 5.822 min
Delta R.T.: 0.043 min
Response: 1019888
Conc: 16.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



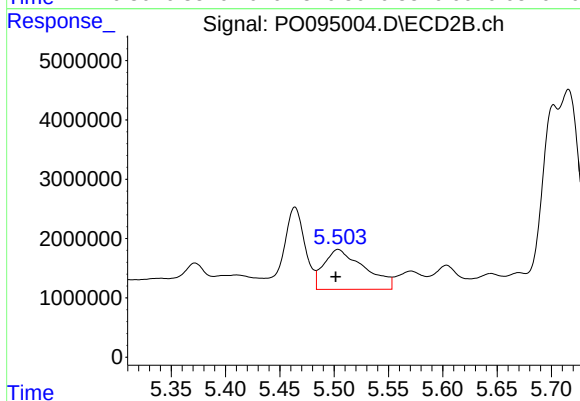
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: 0.018 min
Response: 4803541
Conc: 162.28 ng/ml



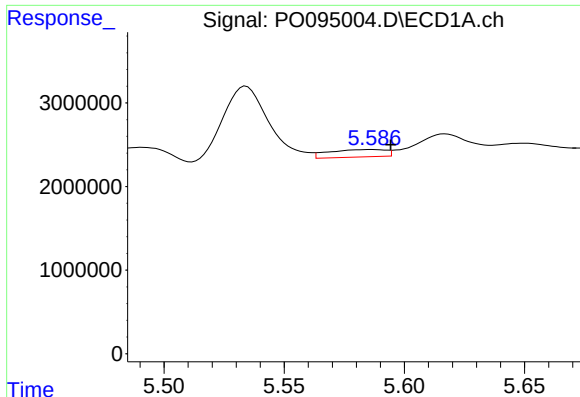
#20 AR-1242-5

R.T.: 6.490 min
Delta R.T.: -0.033 min
Response: 49456705
Conc: 768.52 ng/ml



#20 AR-1242-5

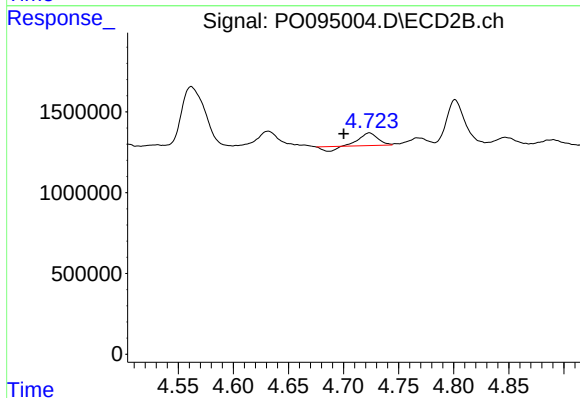
R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 17471015
Conc: 552.97 ng/ml



#21 AR-1248-1

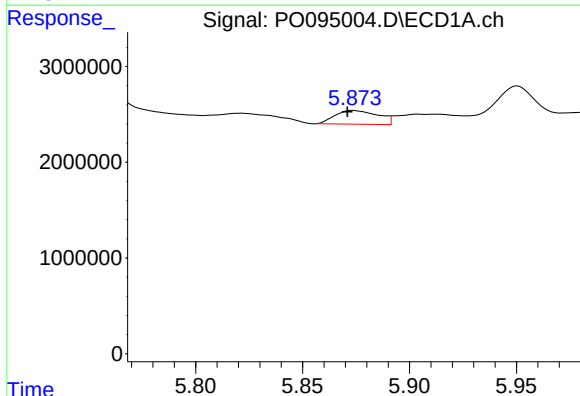
R.T.: 5.587 min
Delta R.T.: -0.007 min
Response: 1464253
Conc: 23.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



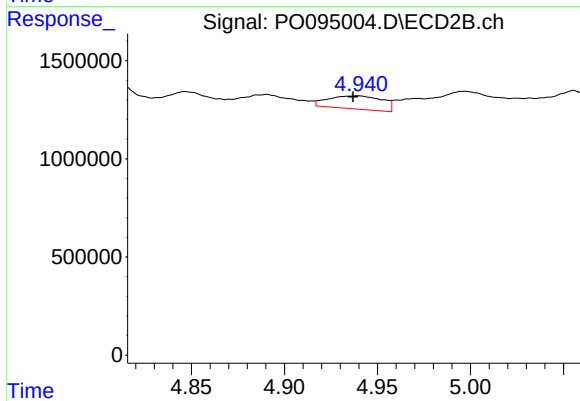
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: 0.023 min
Response: 698456
Conc: 27.39 ng/ml



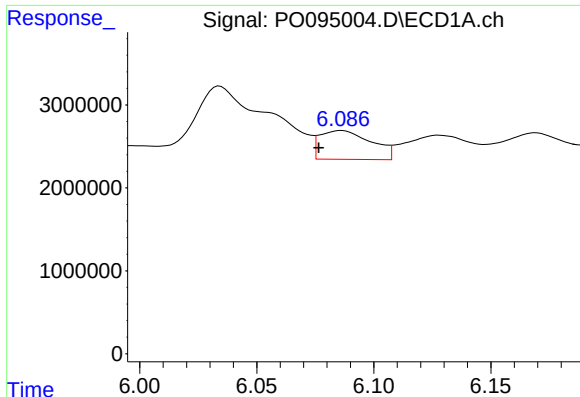
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: 0.003 min
Response: 2003030
Conc: 19.14 ng/ml



#22 AR-1248-2

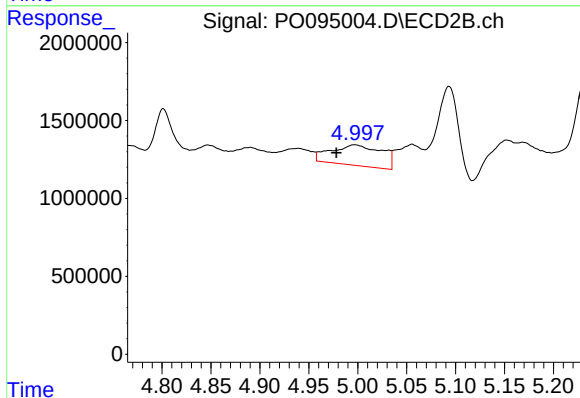
R.T.: 4.939 min
Delta R.T.: 0.003 min
Response: 1349888
Conc: 32.59 ng/ml



#23 AR-1248-3

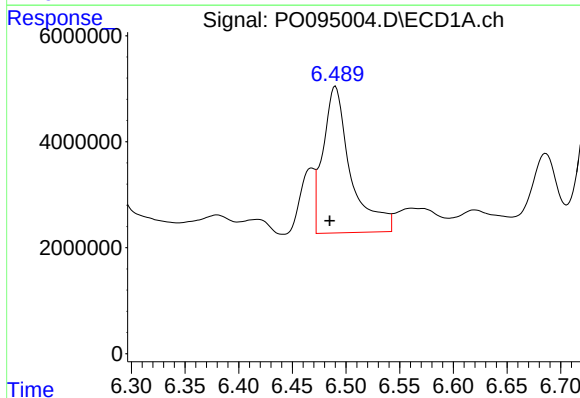
R.T.: 6.086 min
Delta R.T.: 0.010 min
Response: 5306115
Conc: 47.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



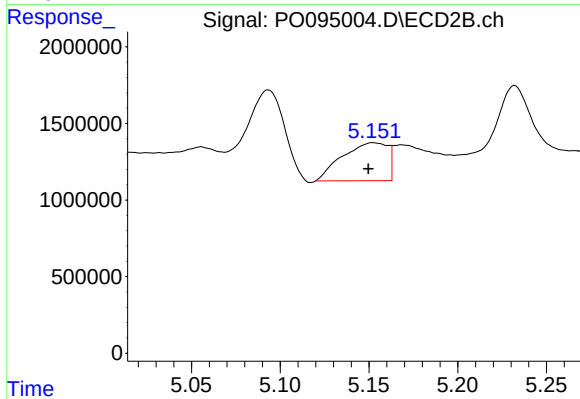
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: 0.019 min
Response: 4803541
Conc: 111.96 ng/ml



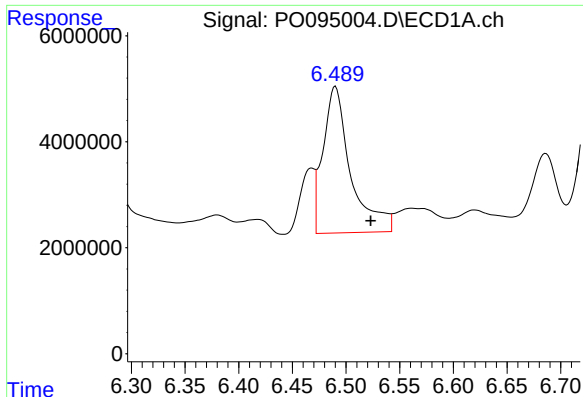
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.005 min
Response: 49456705
Conc: 480.35 ng/ml



#24 AR-1248-4

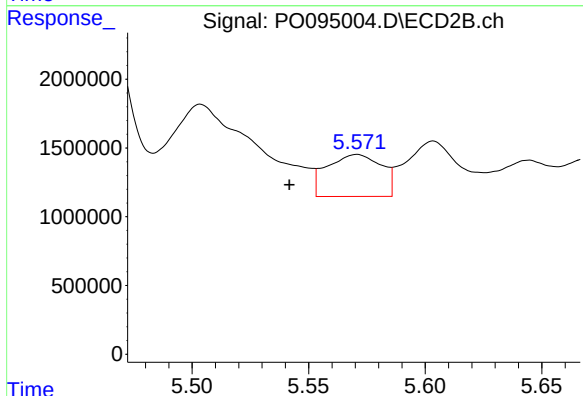
R.T.: 5.152 min
Delta R.T.: 0.003 min
Response: 4427350
Conc: 90.33 ng/ml



#25 AR-1248-5

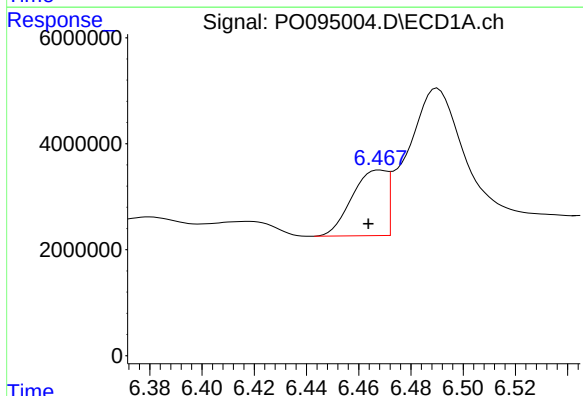
R.T.: 6.490 min
Delta R.T.: -0.033 min
Response: 49456705
Conc: 454.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



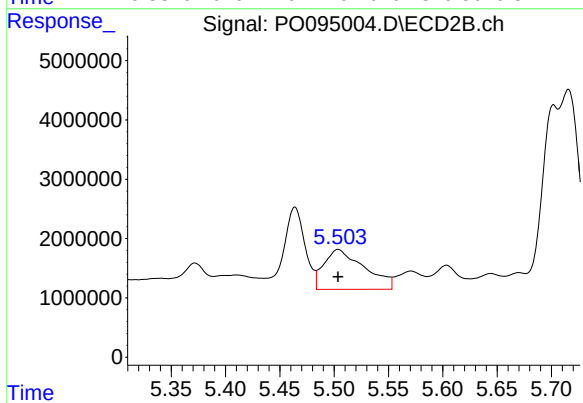
#25 AR-1248-5

R.T.: 5.571 min
Delta R.T.: 0.029 min
Response: 4958238
Conc: 124.62 ng/ml



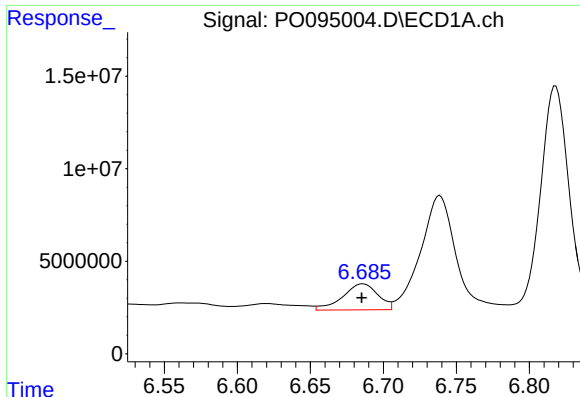
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: 0.005 min
Response: 11428944
Conc: 90.21 ng/ml



#26 AR-1254-1

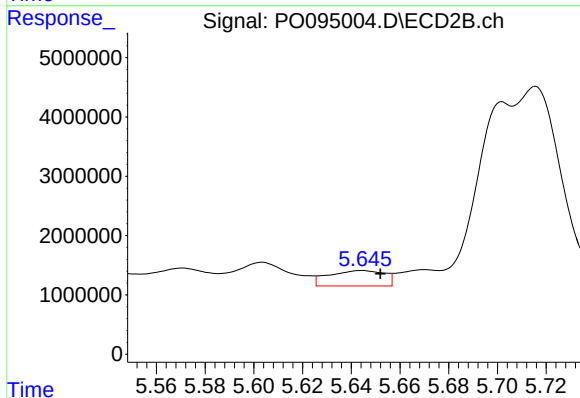
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 17471015
Conc: 241.01 ng/ml



#27 AR-1254-2

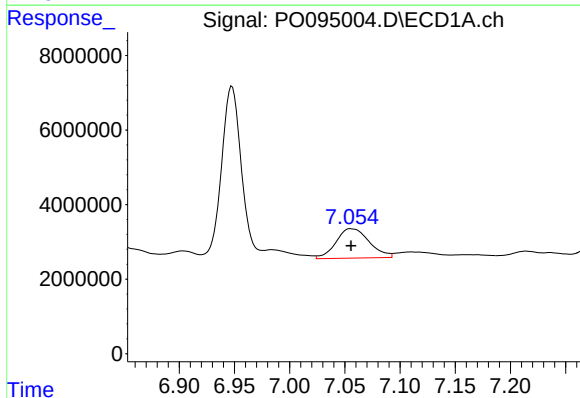
R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 23525815
Conc: 123.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



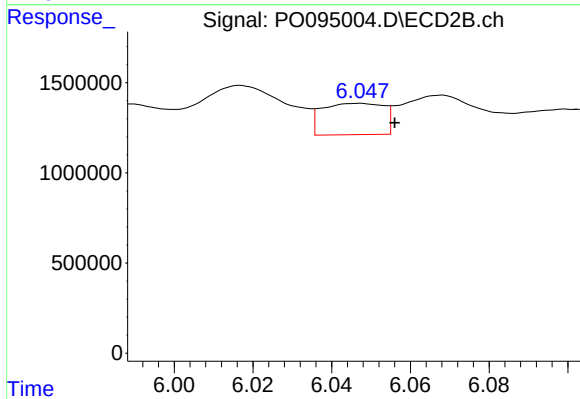
#27 AR-1254-2

R.T.: 5.644 min
Delta R.T.: -0.008 min
Response: 4118214
Conc: 63.12 ng/ml



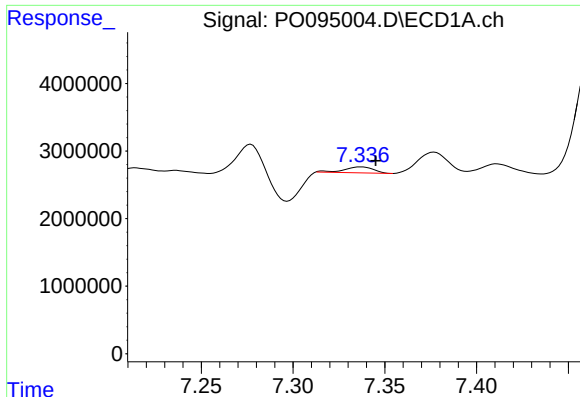
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 16553543
Conc: 87.76 ng/ml



#28 AR-1254-3

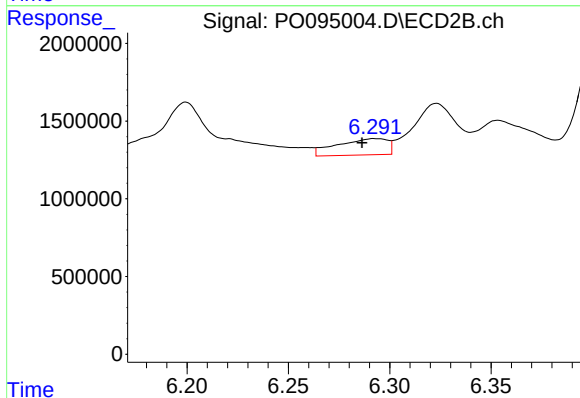
R.T.: 6.047 min
Delta R.T.: -0.009 min
Response: 1885838
Conc: 18.99 ng/ml



#29 AR-1254-4

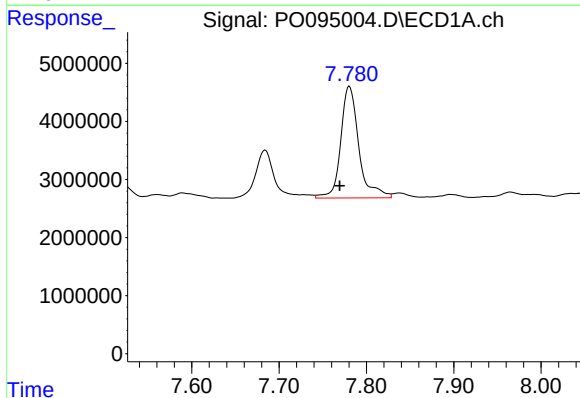
R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 983078
Conc: 8.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



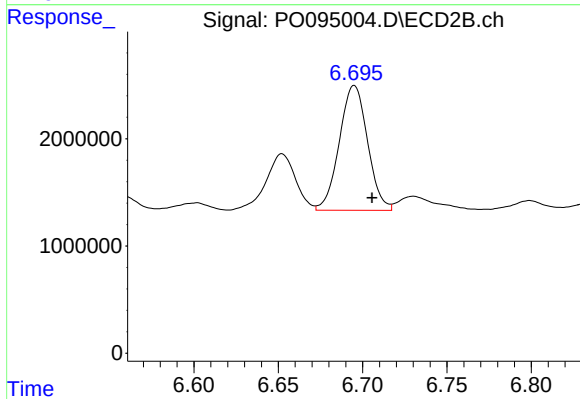
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: 0.006 min
Response: 1819659
Conc: 36.87 ng/ml



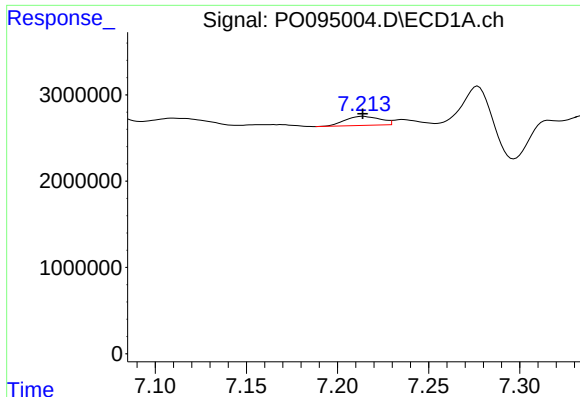
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: 0.011 min
Response: 27677961
Conc: 197.63 ng/ml



#30 AR-1254-5

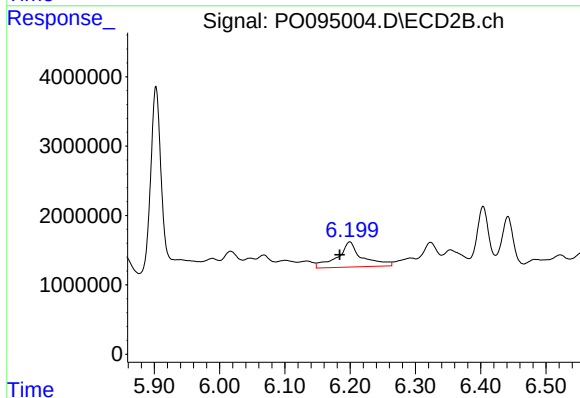
R.T.: 6.695 min
Delta R.T.: -0.010 min
Response: 13554770
Conc: 161.11 ng/ml



#31 AR-1260-1

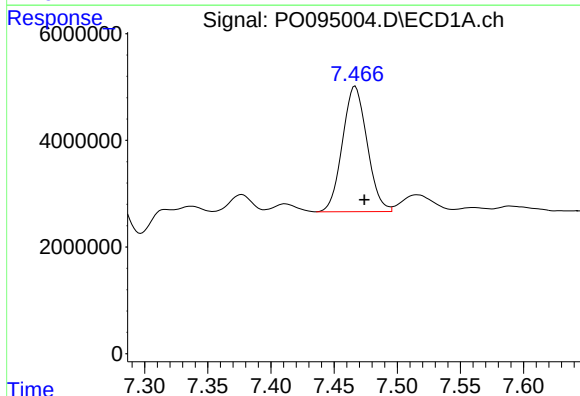
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 1420177
Conc: 9.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



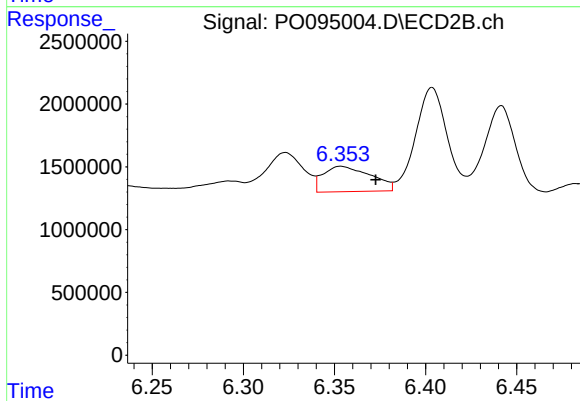
#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: 0.016 min
Response: 9431858
Conc: 133.97 ng/ml



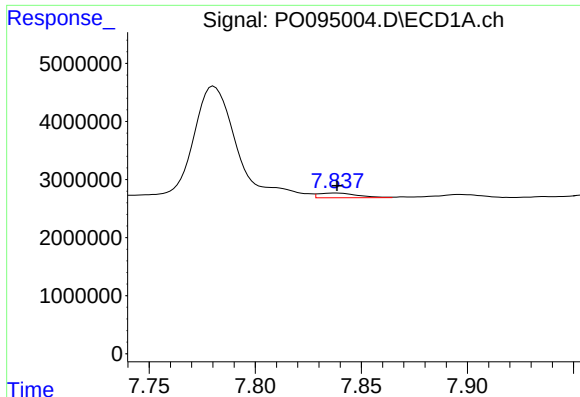
#32 AR-1260-2

R.T.: 7.467 min
Delta R.T.: -0.007 min
Response: 31964792
Conc: 197.11 ng/ml



#32 AR-1260-2

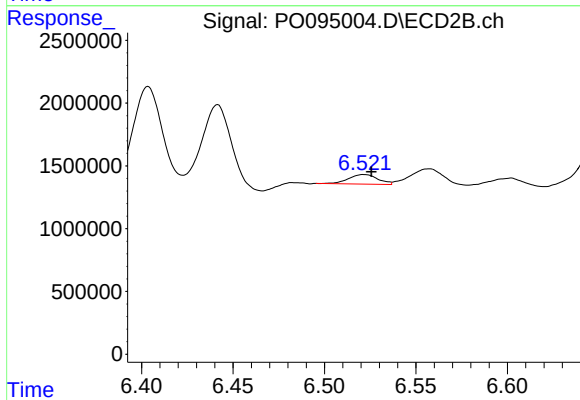
R.T.: 6.354 min
Delta R.T.: -0.019 min
Response: 3674791
Conc: 45.97 ng/ml



#33 AR-1260-3

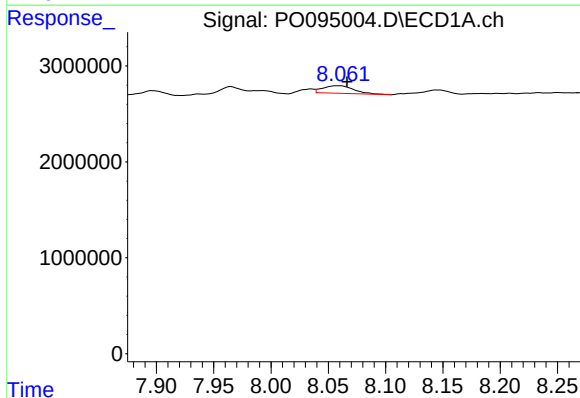
R.T.: 7.838 min
Delta R.T.: 0.000 min
Response: 1039651
Conc: 7.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



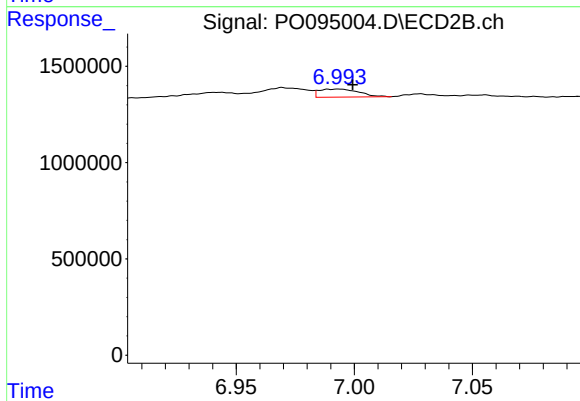
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 839601
Conc: 11.16 ng/ml



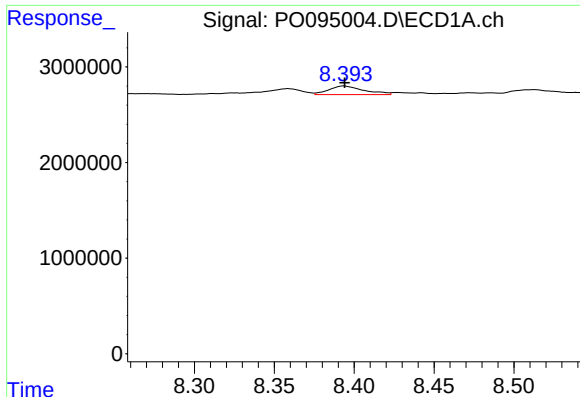
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 1459029
Conc: 10.43 ng/ml



#34 AR-1260-4

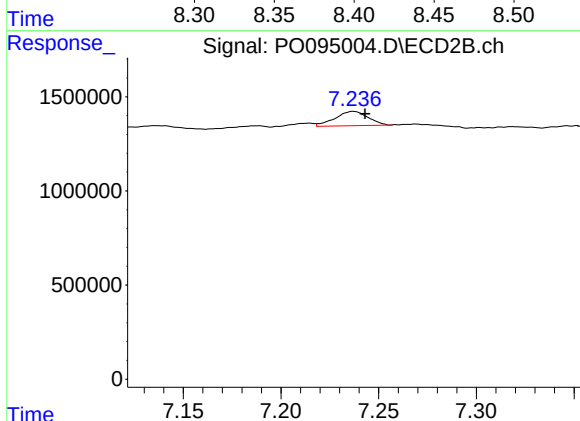
R.T.: 6.994 min
Delta R.T.: -0.006 min
Response: 490326
Conc: 7.83 ng/ml



#35 AR-1260-5

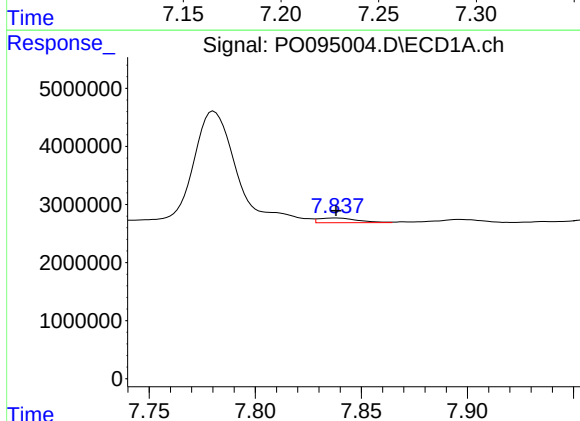
R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 1382164
Conc: 5.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



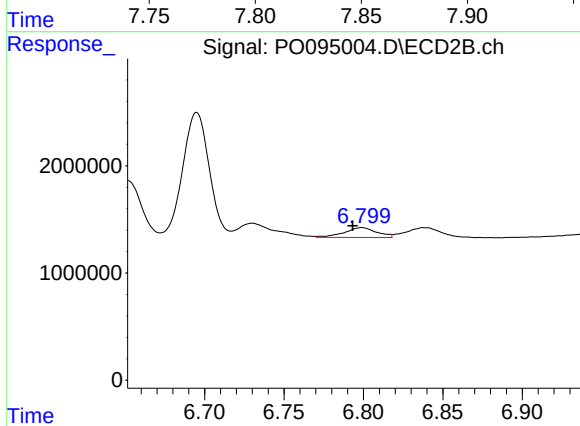
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.006 min
Response: 887574
Conc: 7.04 ng/ml



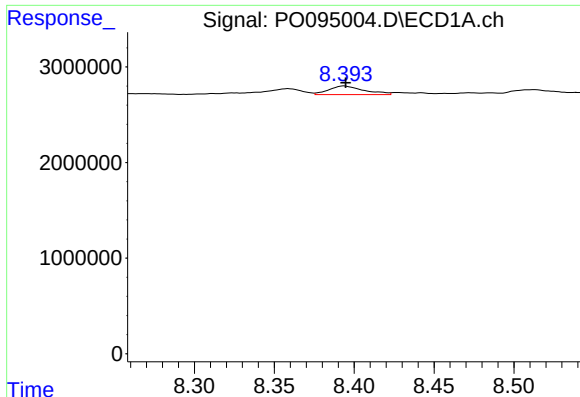
#36 AR-1262-1

R.T.: 7.838 min
Delta R.T.: 0.000 min
Response: 1039651
Conc: 6.19 ng/ml



#36 AR-1262-1

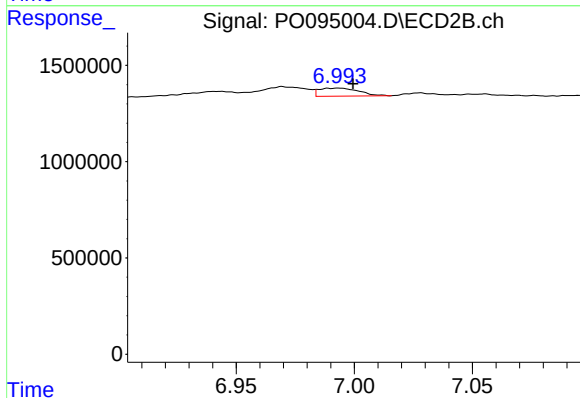
R.T.: 6.799 min
Delta R.T.: 0.006 min
Response: 1317391
Conc: 35.15 ng/ml



#37 AR-1262-2

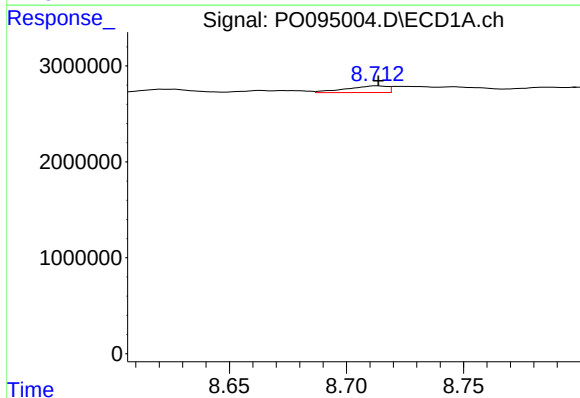
R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 1382164
Conc: 5.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



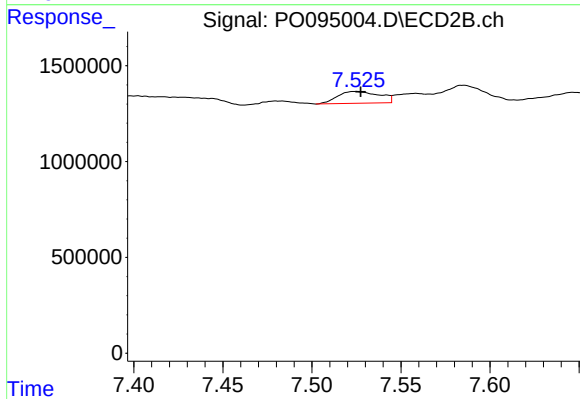
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.006 min
Response: 490326
Conc: 6.57 ng/ml



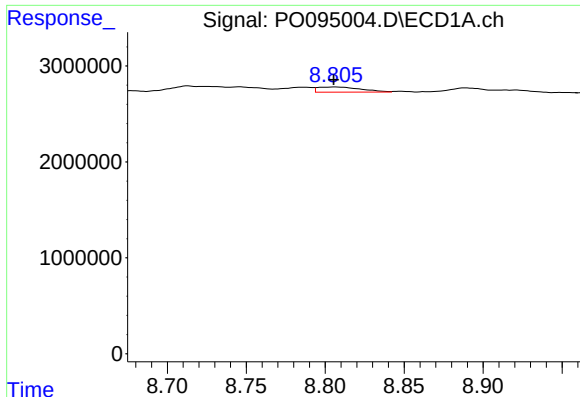
#38 AR-1262-3

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 857118
Conc: 4.75 ng/ml



#38 AR-1262-3

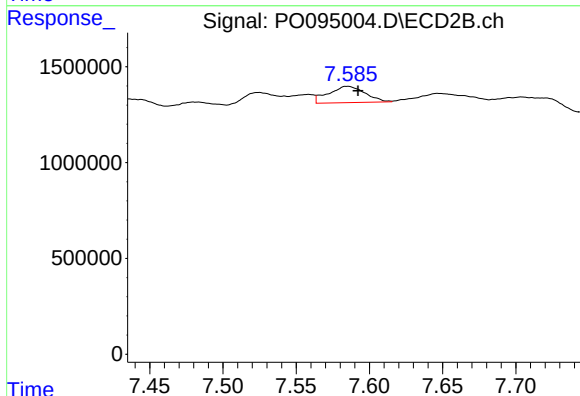
R.T.: 7.524 min
Delta R.T.: -0.003 min
Response: 1005539
Conc: 17.29 ng/ml



#39 AR-1262-4

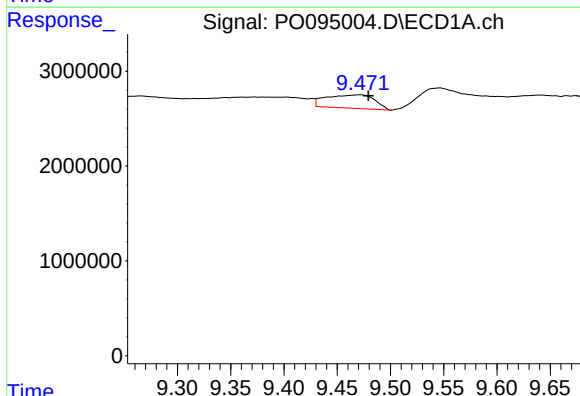
R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 1025251
Conc: 11.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



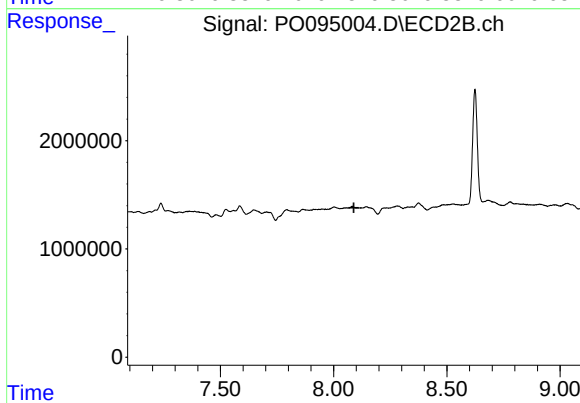
#39 AR-1262-4

R.T.: 7.585 min
Delta R.T.: -0.007 min
Response: 1476095
Conc: 14.57 ng/ml



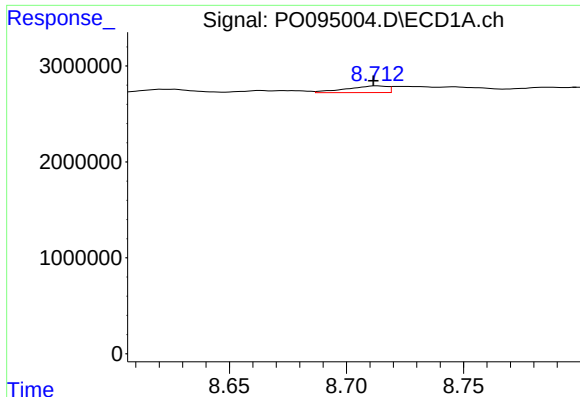
#40 AR-1262-5

R.T.: 9.471 min
Delta R.T.: -0.008 min
Response: 4438334
Conc: 51.82 ng/ml



#40 AR-1262-5

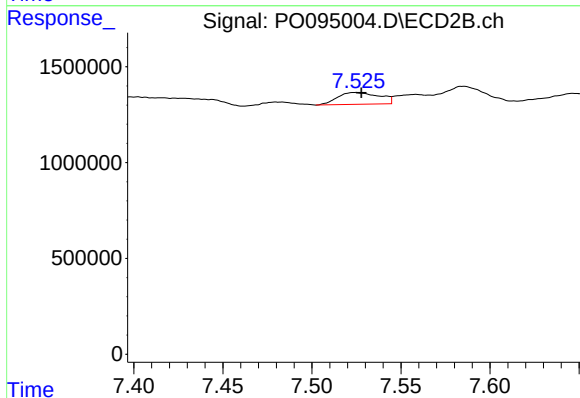
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

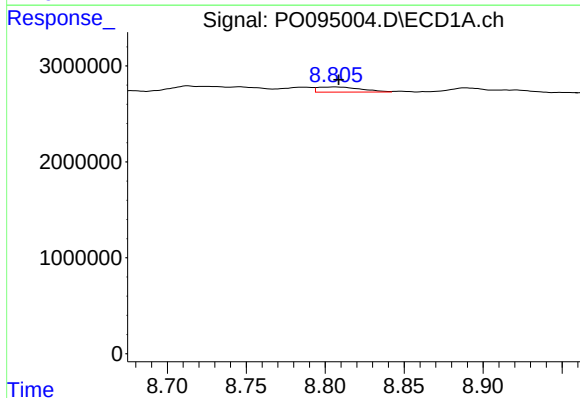
R.T.: 8.713 min
Delta R.T.: 0.002 min
Response: 857118
Conc: 2.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



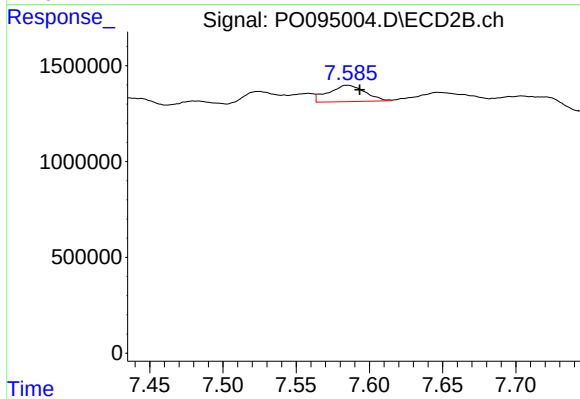
#41 AR-1268-1

R.T.: 7.524 min
Delta R.T.: -0.004 min
Response: 1005539
Conc: 5.95 ng/ml



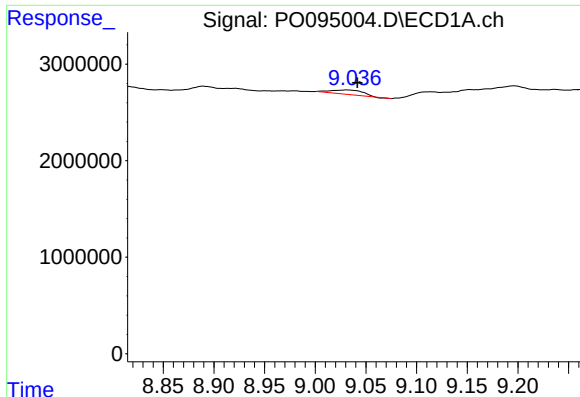
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: -0.003 min
Response: 1025251
Conc: 3.38 ng/ml



#42 AR-1268-2

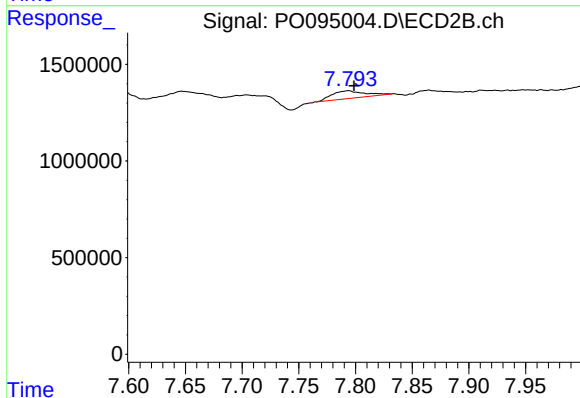
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 1476095
Conc: 9.63 ng/ml



#43 AR-1268-3

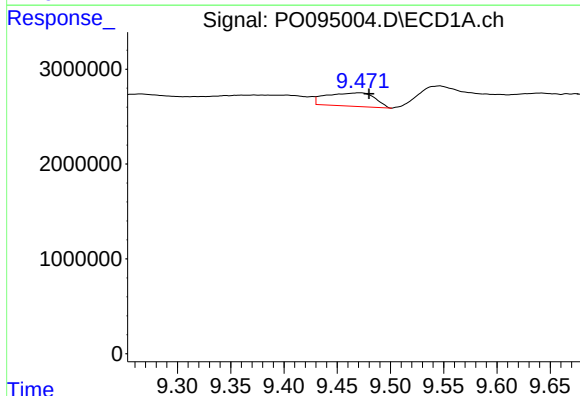
R.T.: 9.031 min
Delta R.T.: -0.010 min
Response: 996609
Conc: 3.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



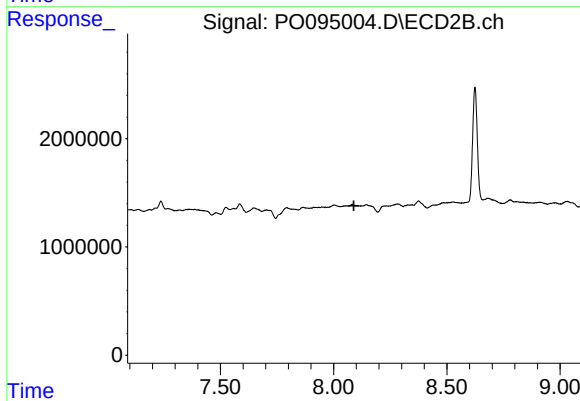
#43 AR-1268-3

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 787212
Conc: 5.79 ng/ml



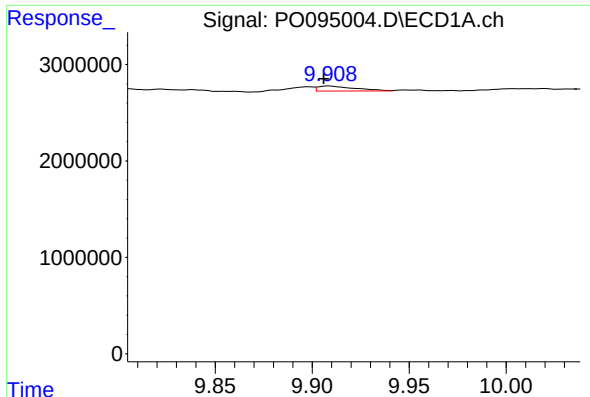
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: -0.009 min
Response: 4438334
Conc: 47.28 ng/ml



#44 AR-1268-4

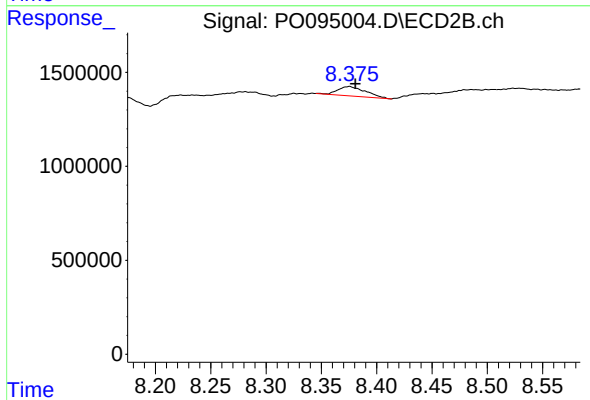
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: 0.003 min
Response: 711967
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.375 min
Delta R.T.: -0.006 min
Response: 866784
Conc: 2.21 ng/ml