

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091622\
 Data File : P0089626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2022 07:33
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 00:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 16 08:48:17 2022
 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...	4.472	3.659	261.1E6	96278716	67.452	56.495
2)	SA Decachlor...	10.345	8.762	177.6E6	62654512	71.945	55.525
Target Compounds							
3)	L1 AR-1016-1	5.651	4.761	7690994	941376	67.122	19.593 #
4)	L1 AR-1016-2	5.676	4.781	10793308	753571	65.371	10.668 #
5)	L1 AR-1016-3	5.736	4.961	8803850	478296	85.377	12.724 #
6)	L1 AR-1016-4	5.834	5.001	11368719	16942910	138.936	525.626 #
7)	L1 AR-1016-5	6.133	5.219	47145086	9777750	589.402	238.824 #
8)	L2 AR-1221-1	0.000	3.822f	0	208060	N.D.	10.435 #
9)	L2 AR-1221-2	4.781	3.963	4386982	1374451	136.192	91.746 #
10)	L2 AR-1221-3	4.846	4.040	1830676	294727	18.077	6.424 #
11)	L3 AR-1232-1	4.846	4.040	1830676	294727	22.428	7.846 #
12)	L3 AR-1232-2	5.185	4.781	6104941	753571	156.250	23.058 #
13)	L3 AR-1232-3	5.676	4.961	10793308	478296	145.680	28.315 #
14)	L3 AR-1232-4	5.834	5.043	11368719	6219786	314.014	379.104
15)	L3 AR-1232-5	5.926	5.219	64394934	9777750	2209.461	548.837 #
16)	L4 AR-1242-1	5.651	4.761	7690994	941376	76.528	22.064 #
17)	L4 AR-1242-2	5.676	4.781	10793308	753571	73.947	12.177 #
18)	L4 AR-1242-3	5.736	4.961	8803850	478296	96.472	14.559 #
19)	L4 AR-1242-4	5.834	5.043	11368719	6219786	156.477	178.606
20)	L4 AR-1242-5	6.581	5.616	29297095	8412167	410.841	267.098 #
21)	L5 AR-1248-1	5.651	4.761	7690994	941376	102.600	28.631 #
22)	L5 AR-1248-2	5.926	5.001	64394934	16942910	593.450	341.531 #
23)	L5 AR-1248-3	6.133	5.043	47145086	6219786	395.204	119.948 #
24)	L5 AR-1248-4	6.538	5.219	46582514	9777750	366.072	164.321 #
25)	L5 AR-1248-5	6.581	5.616	29297095	8412167	238.591	159.327 #
26)	L6 AR-1254-1	6.513	5.577	102.4E6	46145519	780.644	538.699 #
27)	L6 AR-1254-2	6.733	5.726	130.8E6	39022464	660.833	522.718
28)	L6 AR-1254-3	7.102	6.136	142.2E6	61754590	703.089	532.699
29)	L6 AR-1254-4	7.389	6.367	99037525	37261391	719.872	577.892
30)	L6 AR-1254-5	7.810	6.791	102.3E6	52410502	690.348	554.327
31)	L7 AR-1260-1	7.267	6.269	54796079	30982004	381.516	416.429
32)	L7 AR-1260-2	7.524	6.458	58840286	25771548	359.825	300.410
33)	L7 AR-1260-3	7.871	6.613	12606794	24779858	105.186	304.188 #
34)	L7 AR-1260-4	8.101	7.091	37919530	2762352	280.829	42.777 #
35)	L7 AR-1260-5	8.446	7.333	13002658	4991479	48.994	37.707
36)	L8 AR-1262-1	7.871	6.881	12606794	1727480	69.745	41.937 #
37)	L8 AR-1262-2	8.446	7.333	13002658	4991479	41.836	33.818
38)	L8 AR-1262-3	8.785	7.647	10475298	3068188	50.226	49.214
39)	L8 AR-1262-4	8.835	7.683	2659115	7869016	28.525	71.920 #
40)	L8 AR-1262-5	9.554	8.187	925166	415757	8.518	8.279
41)	L9 AR-1268-1	8.785	7.647	10475298	3068188	28.053	17.861 #

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 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

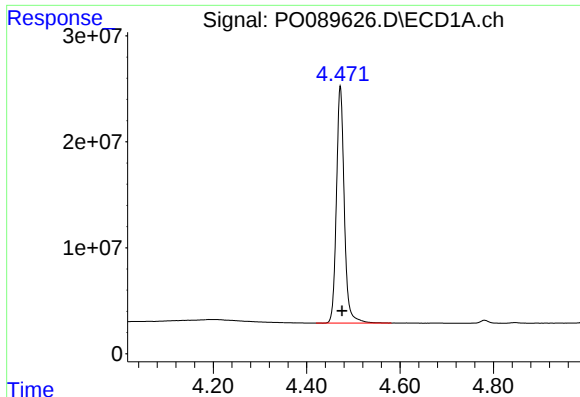
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 00:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091522.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	8.835	7.683	2659115	7869016	7.915	50.810 #
43) L9	AR-1268-3	9.103	7.898	116652	128095	0.397	0.932 #
44) L9	AR-1268-4	9.554	8.187	925166	415757	7.669	7.295
45) L9	AR-1268-5	9.988	8.493	824655	453723	0.887	1.160 #

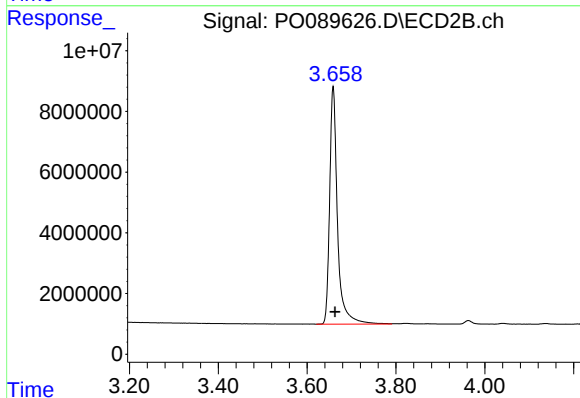
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

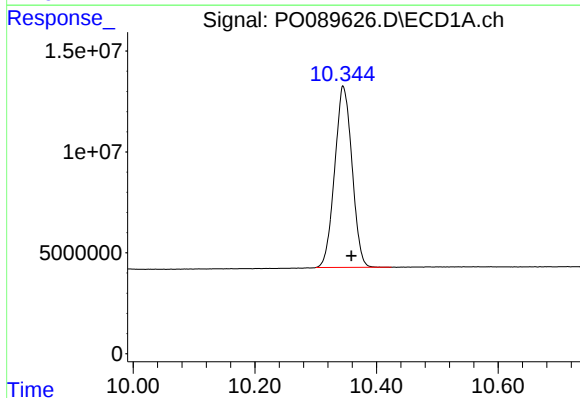
R.T.: 4.472 min
Delta R.T.: -0.004 min
Response: 261052385
Conc: 67.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



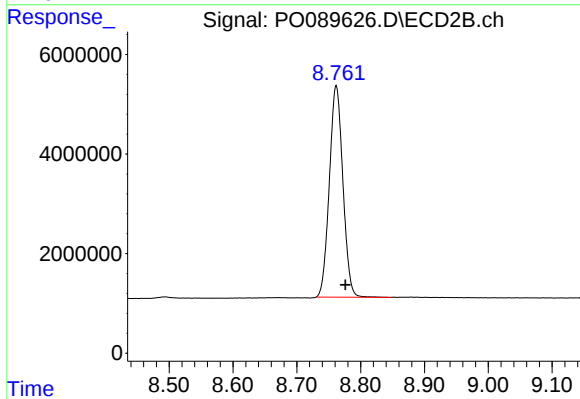
#1 Tetrachloro-m-xylene

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 96278716
Conc: 56.49 ng/ml



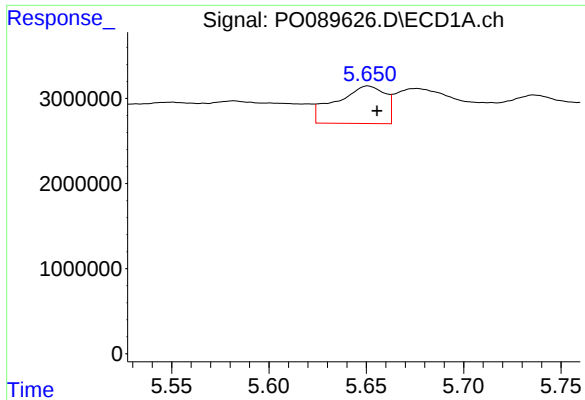
#2 Decachlorobiphenyl

R.T.: 10.345 min
Delta R.T.: -0.014 min
Response: 177612146
Conc: 71.95 ng/ml



#2 Decachlorobiphenyl

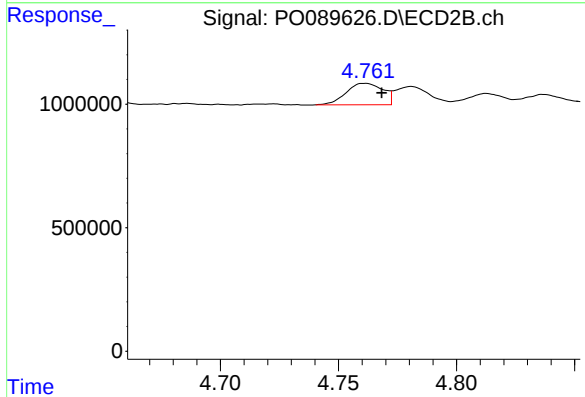
R.T.: 8.762 min
Delta R.T.: -0.015 min
Response: 62654512
Conc: 55.52 ng/ml



#3 AR-1016-1

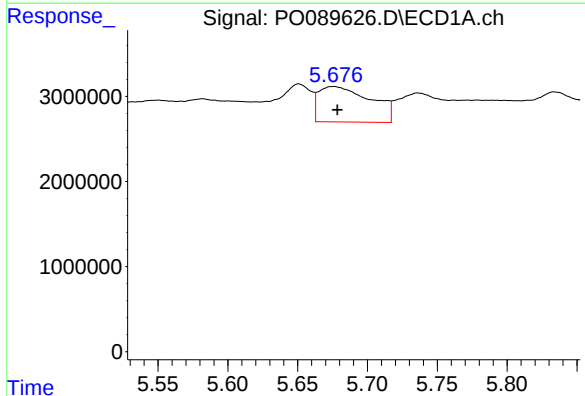
R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 7690994
Conc: 67.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



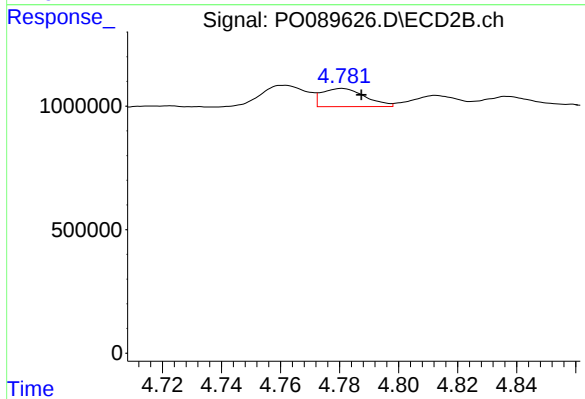
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: -0.007 min
Response: 941376
Conc: 19.59 ng/ml



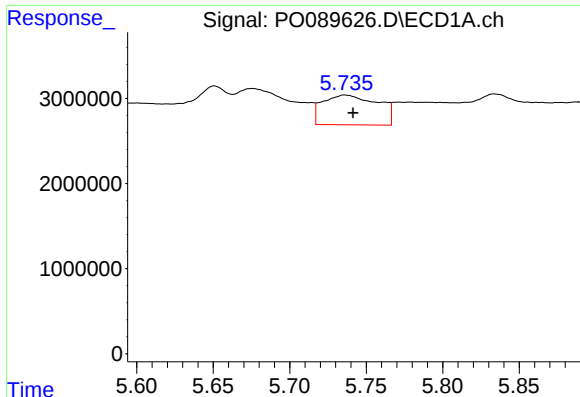
#4 AR-1016-2

R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 10793308
Conc: 65.37 ng/ml



#4 AR-1016-2

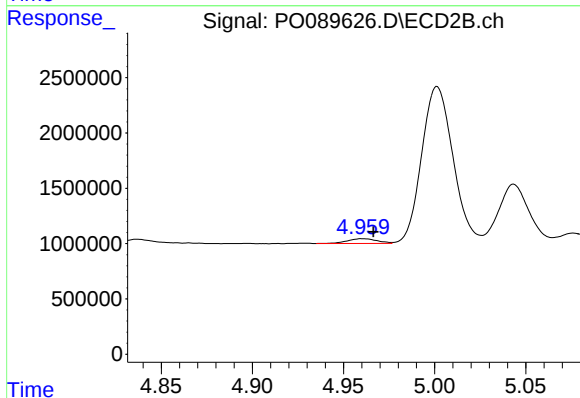
R.T.: 4.781 min
Delta R.T.: -0.007 min
Response: 753571
Conc: 10.67 ng/ml



#5 AR-1016-3

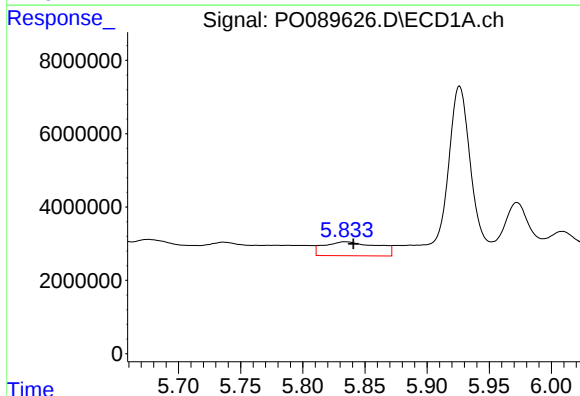
R.T.: 5.736 min
Delta R.T.: -0.005 min
Response: 8803850
Conc: 85.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



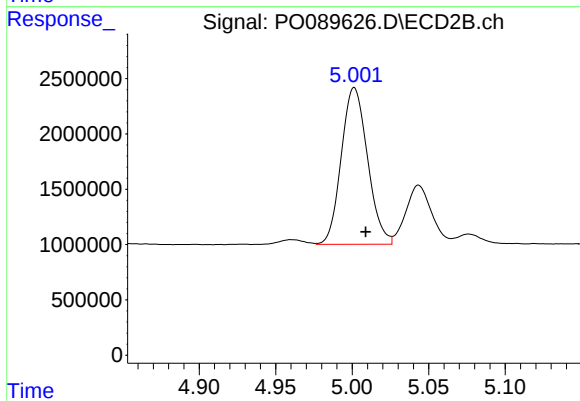
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.006 min
Response: 478296
Conc: 12.72 ng/ml



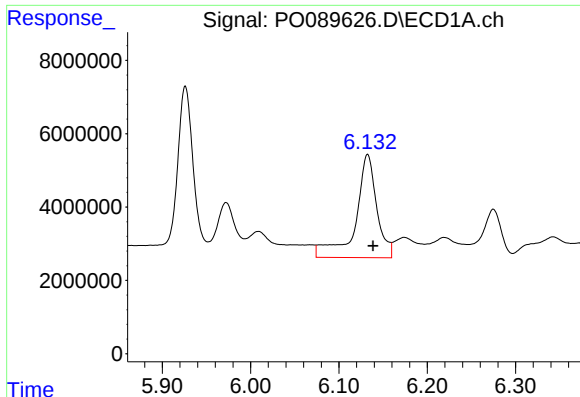
#6 AR-1016-4

R.T.: 5.834 min
Delta R.T.: -0.007 min
Response: 11368719
Conc: 138.94 ng/ml



#6 AR-1016-4

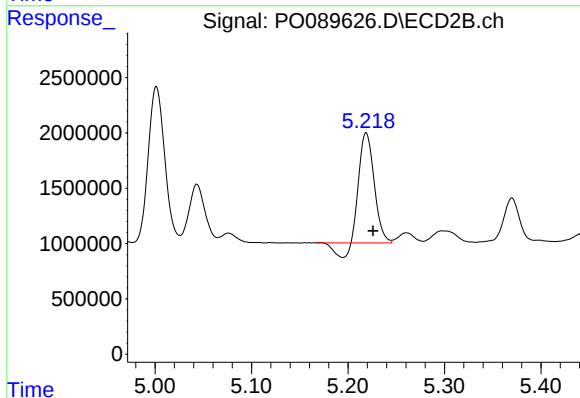
R.T.: 5.001 min
Delta R.T.: -0.008 min
Response: 16942910
Conc: 525.63 ng/ml



#7 AR-1016-5

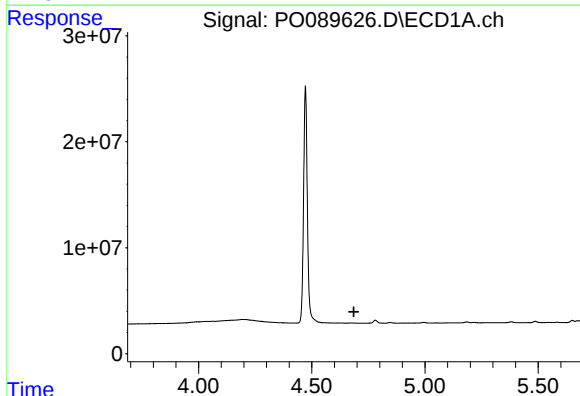
R.T.: 6.133 min
Delta R.T.: -0.006 min
Response: 47145086
Conc: 589.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



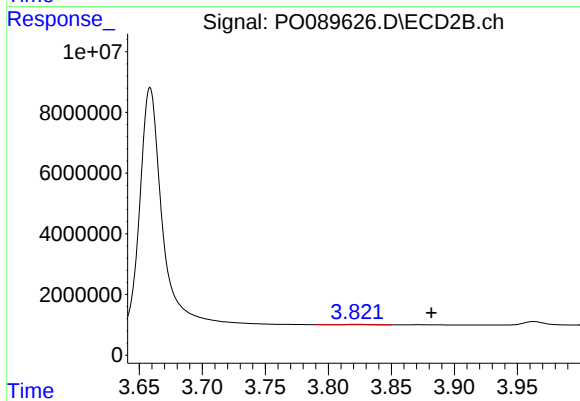
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 9777750
Conc: 238.82 ng/ml



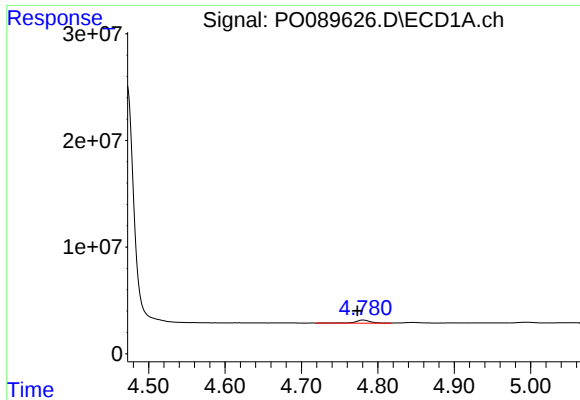
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.686 min
Response: 0
Conc: N.D.



#8 AR-1221-1

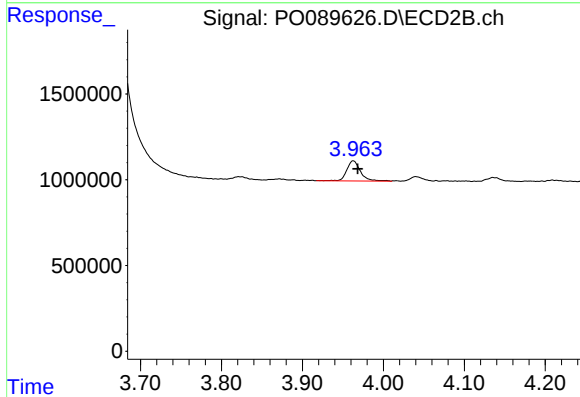
R.T.: 3.822 min
Delta R.T.: -0.060 min
Response: 208060
Conc: 10.43 ng/ml



#9 AR-1221-2

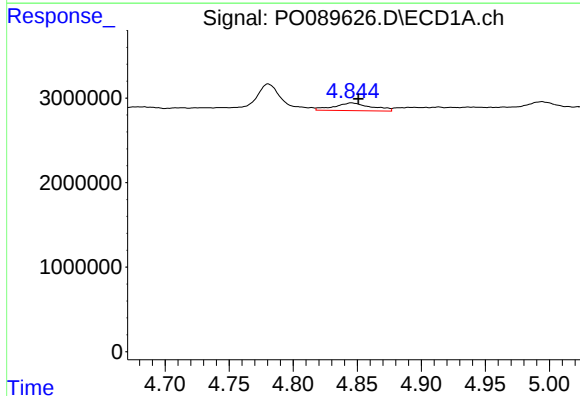
R.T.: 4.781 min
Delta R.T.: 0.007 min
Response: 4386982
Conc: 136.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



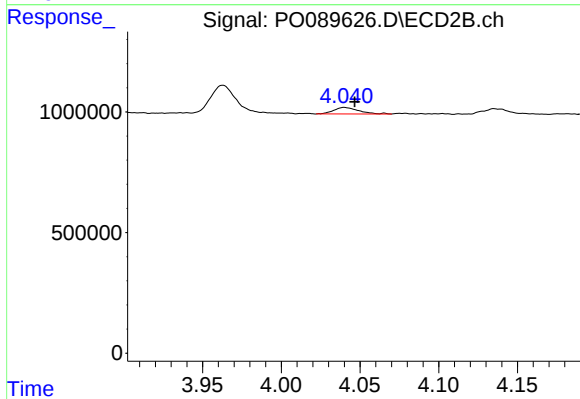
#9 AR-1221-2

R.T.: 3.963 min
Delta R.T.: -0.006 min
Response: 1374451
Conc: 91.75 ng/ml



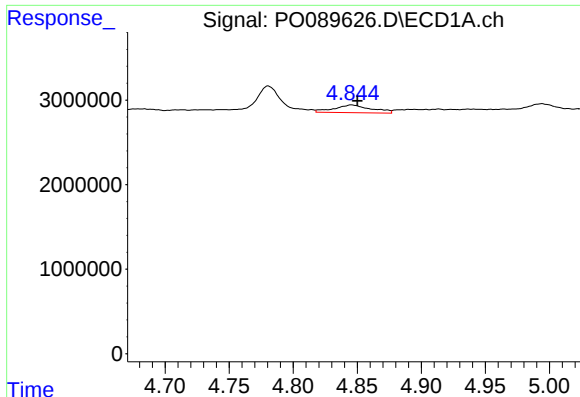
#10 AR-1221-3

R.T.: 4.846 min
Delta R.T.: -0.005 min
Response: 1830676
Conc: 18.08 ng/ml



#10 AR-1221-3

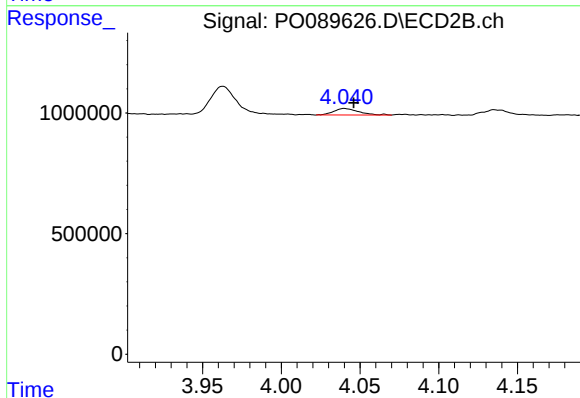
R.T.: 4.040 min
Delta R.T.: -0.006 min
Response: 294727
Conc: 6.42 ng/ml



#11 AR-1232-1

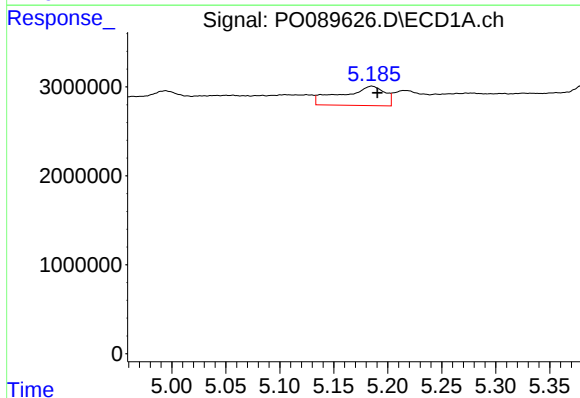
R.T.: 4.846 min
Delta R.T.: -0.005 min
Response: 1830676
Conc: 22.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



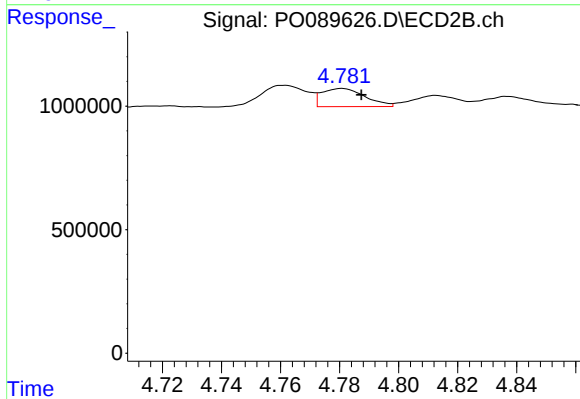
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: -0.006 min
Response: 294727
Conc: 7.85 ng/ml



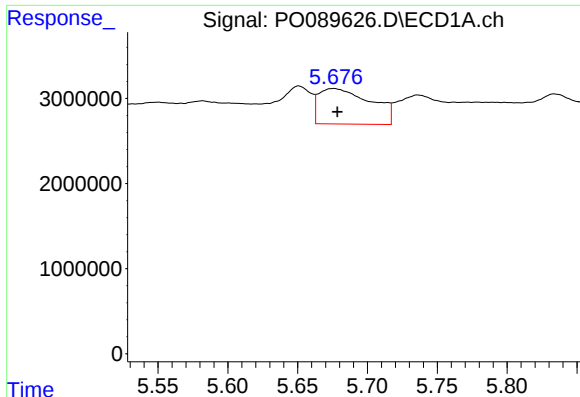
#12 AR-1232-2

R.T.: 5.185 min
Delta R.T.: -0.005 min
Response: 6104941
Conc: 156.25 ng/ml



#12 AR-1232-2

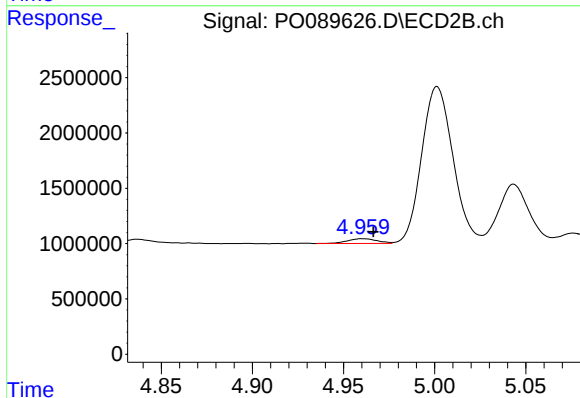
R.T.: 4.781 min
Delta R.T.: -0.007 min
Response: 753571
Conc: 23.06 ng/ml



#13 AR-1232-3

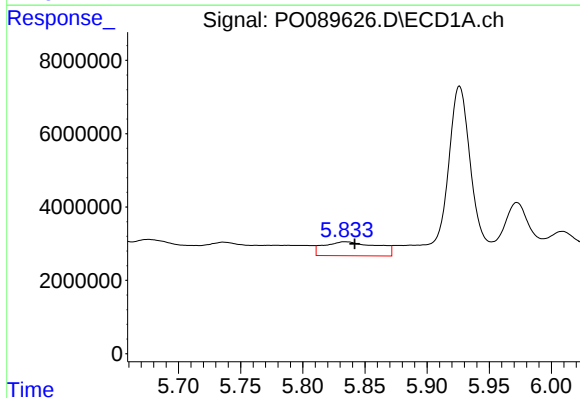
R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 10793308
Conc: 145.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



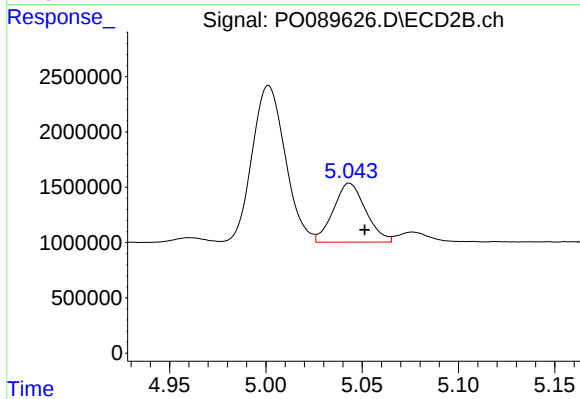
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.006 min
Response: 478296
Conc: 28.31 ng/ml



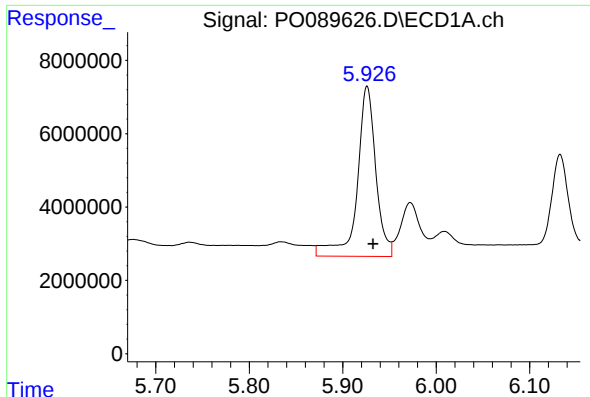
#14 AR-1232-4

R.T.: 5.834 min
Delta R.T.: -0.008 min
Response: 11368719
Conc: 314.01 ng/ml



#14 AR-1232-4

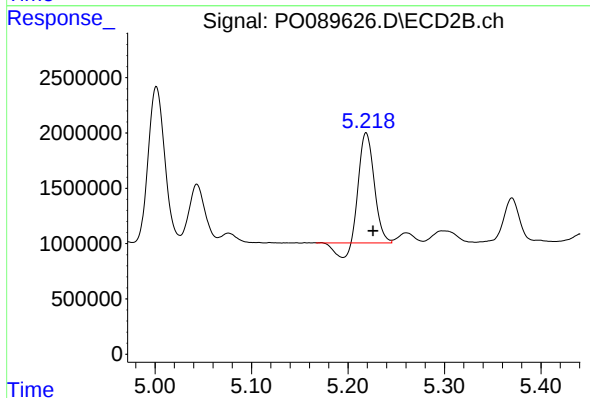
R.T.: 5.043 min
Delta R.T.: -0.008 min
Response: 6219786
Conc: 379.10 ng/ml



#15 AR-1232-5

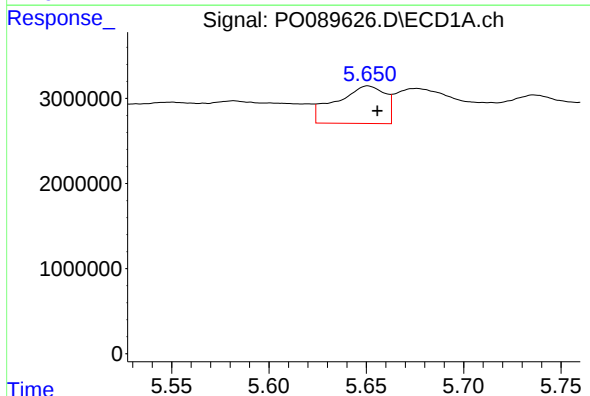
R.T.: 5.926 min
Delta R.T.: -0.006 min
Response: 64394934
Conc: 2209.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



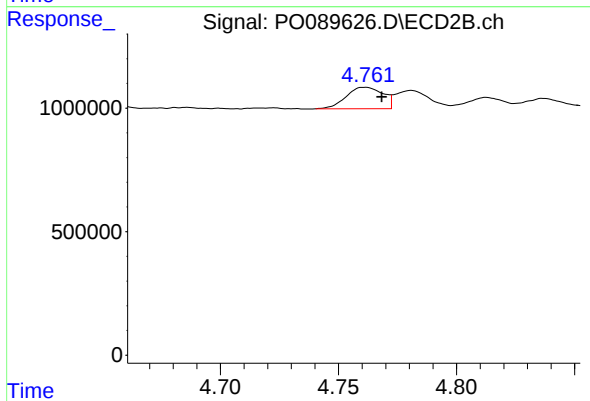
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 9777750
Conc: 548.84 ng/ml



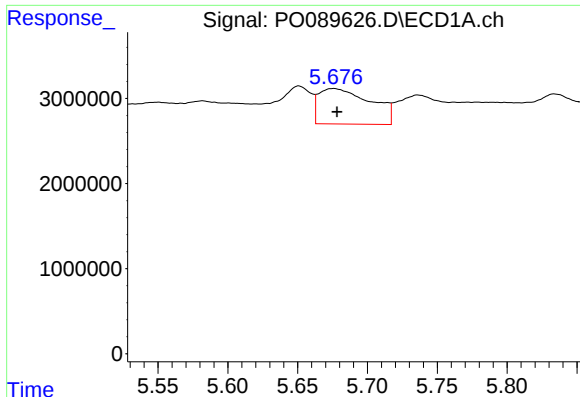
#16 AR-1242-1

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 7690994
Conc: 76.53 ng/ml



#16 AR-1242-1

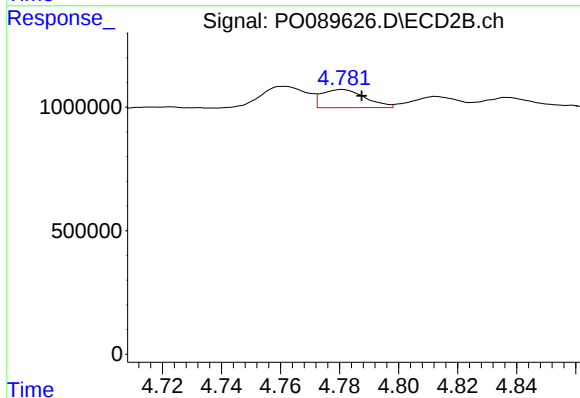
R.T.: 4.761 min
Delta R.T.: -0.007 min
Response: 941376
Conc: 22.06 ng/ml



#17 AR-1242-2

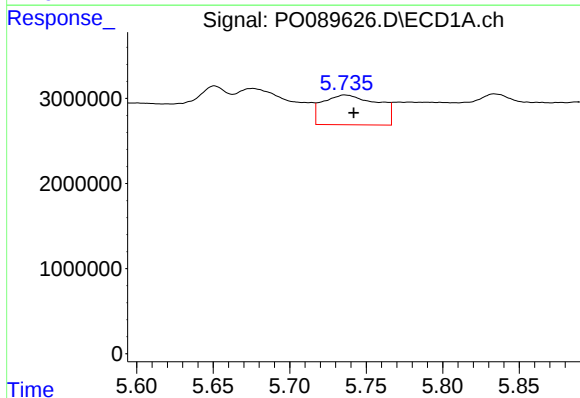
R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 10793308
Conc: 73.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



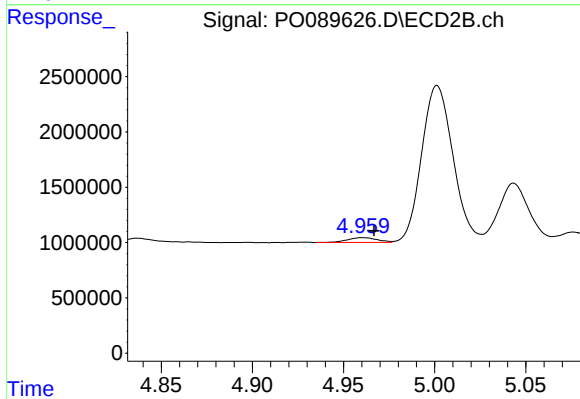
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: -0.007 min
Response: 753571
Conc: 12.18 ng/ml



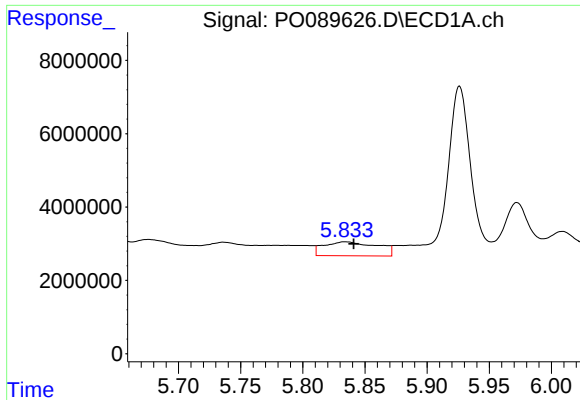
#18 AR-1242-3

R.T.: 5.736 min
Delta R.T.: -0.006 min
Response: 8803850
Conc: 96.47 ng/ml



#18 AR-1242-3

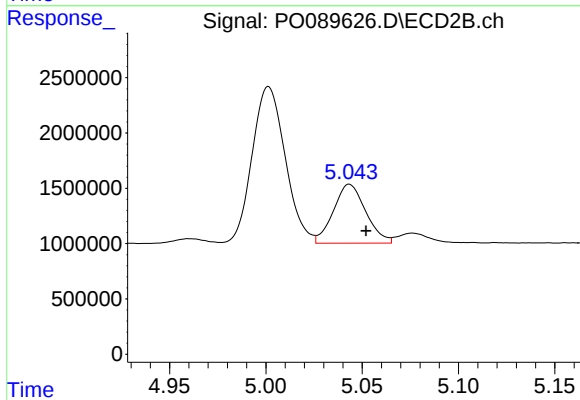
R.T.: 4.961 min
Delta R.T.: -0.006 min
Response: 478296
Conc: 14.56 ng/ml



#19 AR-1242-4

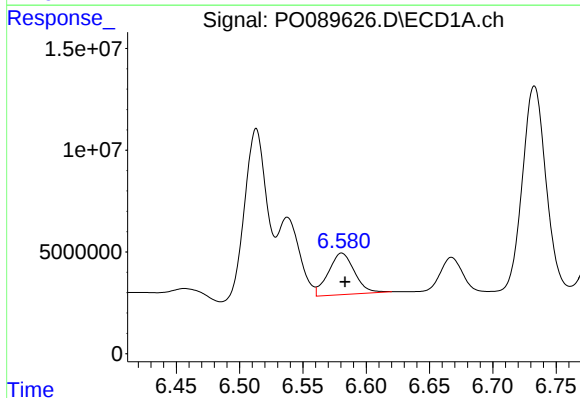
R.T.: 5.834 min
Delta R.T.: -0.007 min
Response: 11368719
Conc: 156.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



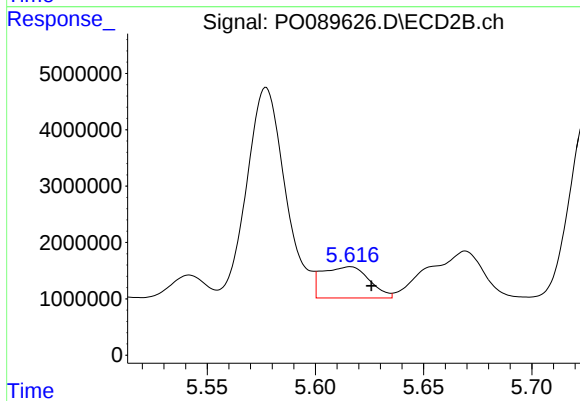
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 6219786
Conc: 178.61 ng/ml



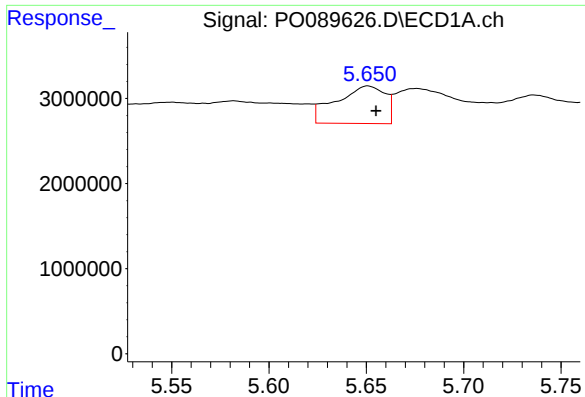
#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 29297095
Conc: 410.84 ng/ml



#20 AR-1242-5

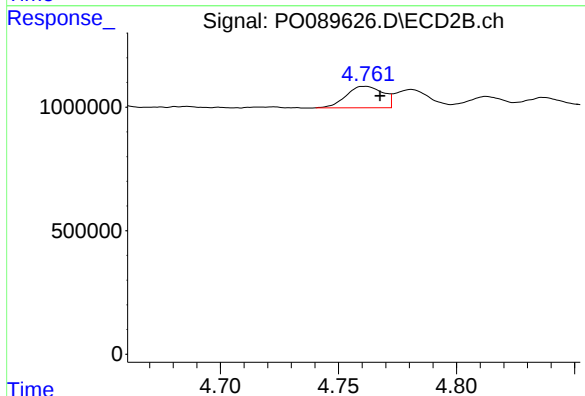
R.T.: 5.616 min
Delta R.T.: -0.010 min
Response: 8412167
Conc: 267.10 ng/ml



#21 AR-1248-1

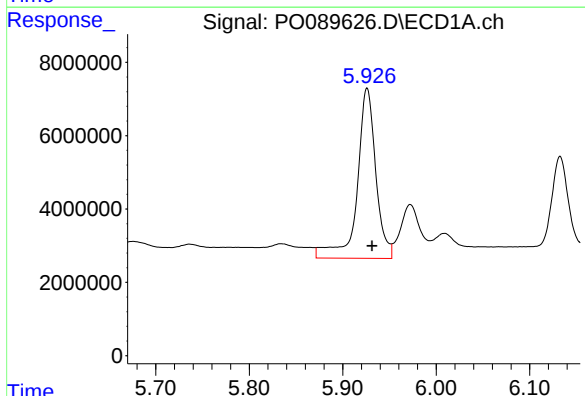
R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 7690994
Conc: 102.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



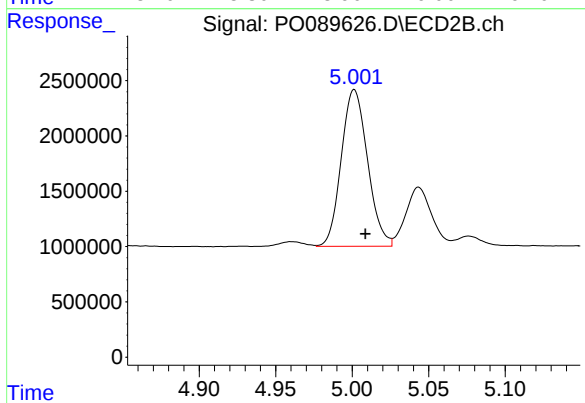
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: -0.006 min
Response: 941376
Conc: 28.63 ng/ml



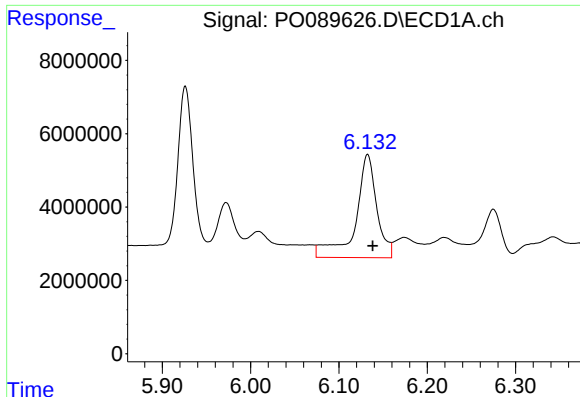
#22 AR-1248-2

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 64394934
Conc: 593.45 ng/ml



#22 AR-1248-2

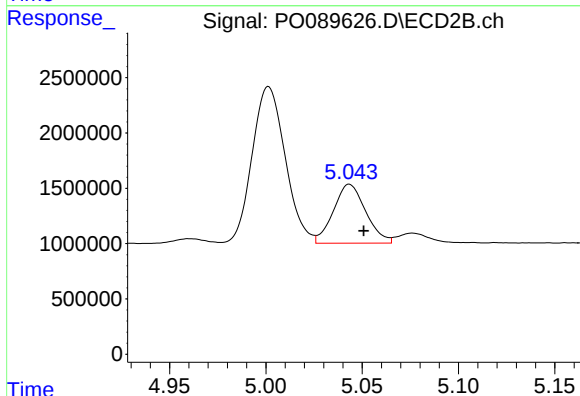
R.T.: 5.001 min
Delta R.T.: -0.007 min
Response: 16942910
Conc: 341.53 ng/ml



#23 AR-1248-3

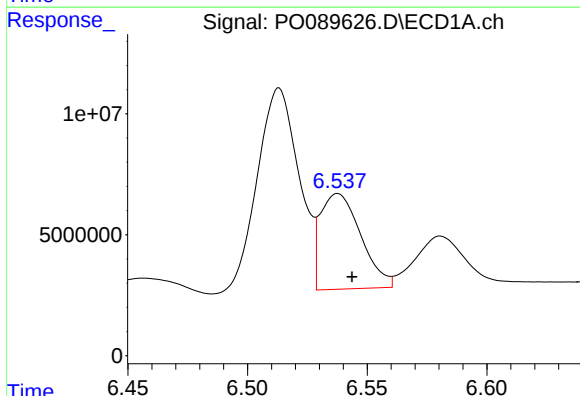
R.T.: 6.133 min
Delta R.T.: -0.006 min
Response: 47145086
Conc: 395.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



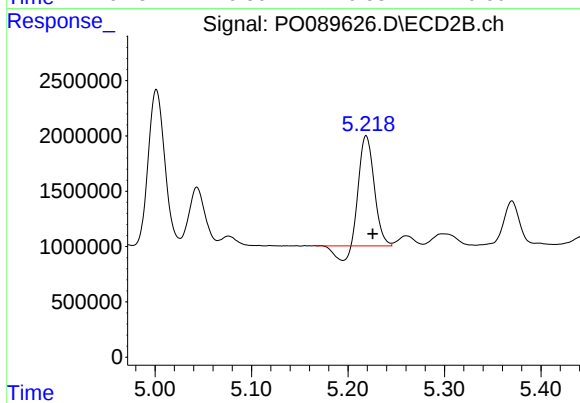
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.007 min
Response: 6219786
Conc: 119.95 ng/ml



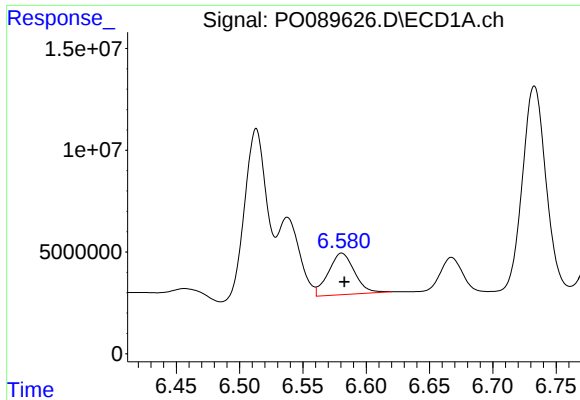
#24 AR-1248-4

R.T.: 6.538 min
Delta R.T.: -0.006 min
Response: 46582514
Conc: 366.07 ng/ml



#24 AR-1248-4

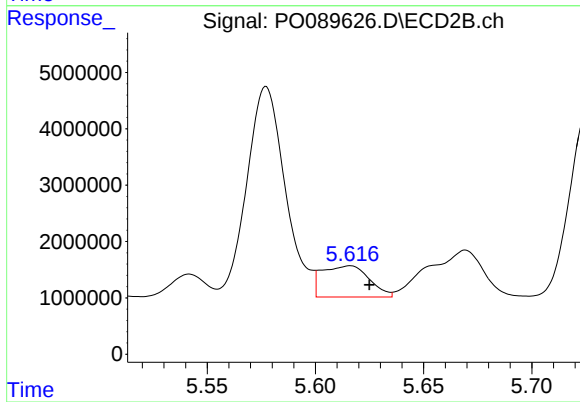
R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 9777750
Conc: 164.32 ng/ml



#25 AR-1248-5

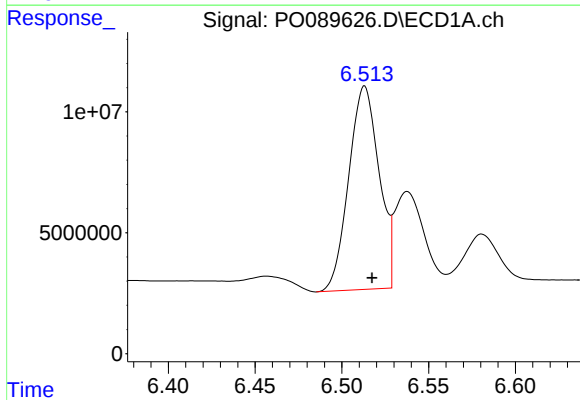
R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 29297095
Conc: 238.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



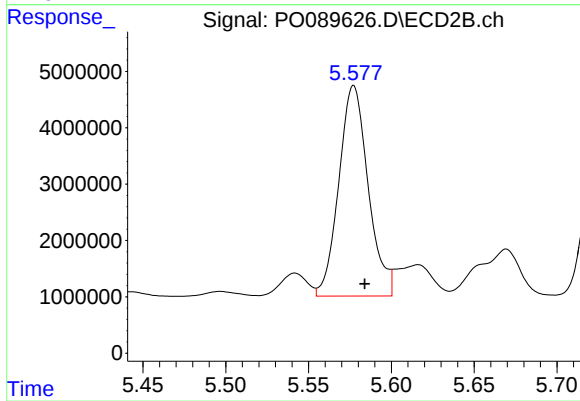
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: -0.009 min
Response: 8412167
Conc: 159.33 ng/ml



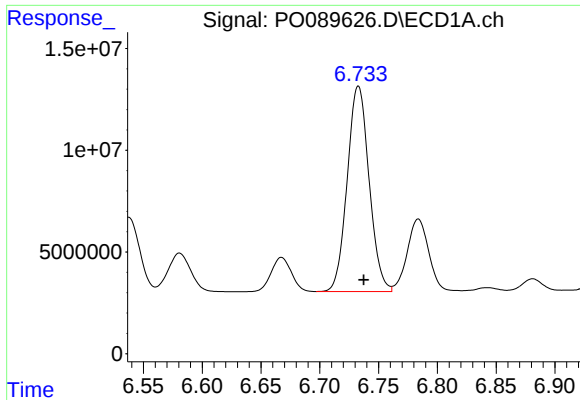
#26 AR-1254-1

R.T.: 6.513 min
Delta R.T.: -0.004 min
Response: 102402605
Conc: 780.64 ng/ml



#26 AR-1254-1

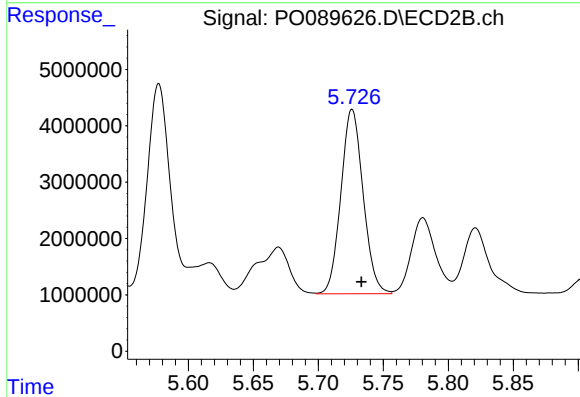
R.T.: 5.577 min
Delta R.T.: -0.007 min
Response: 46145519
Conc: 538.70 ng/ml



#27 AR-1254-2

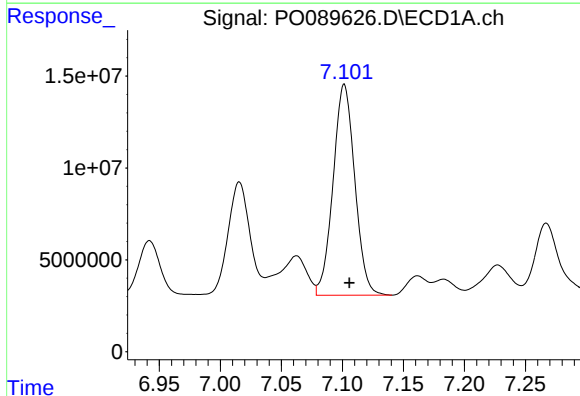
R.T.: 6.733 min
Delta R.T.: -0.005 min
Response: 130849658
Conc: 660.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



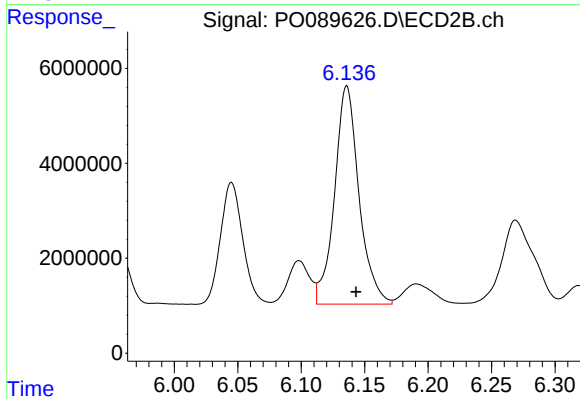
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: -0.007 min
Response: 39022464
Conc: 522.72 ng/ml



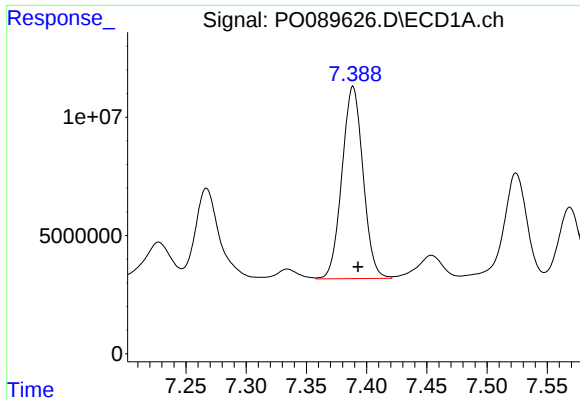
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.004 min
Response: 142164390
Conc: 703.09 ng/ml



#28 AR-1254-3

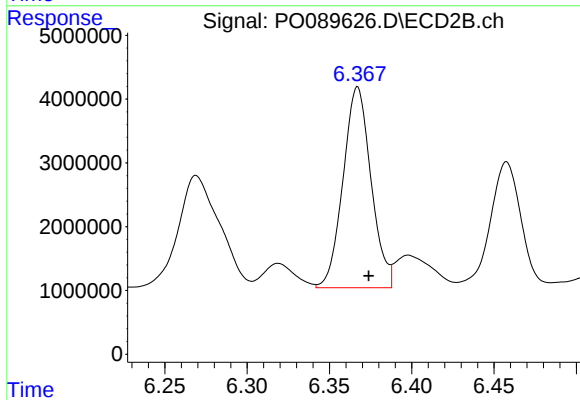
R.T.: 6.136 min
Delta R.T.: -0.007 min
Response: 61754590
Conc: 532.70 ng/ml



#29 AR-1254-4

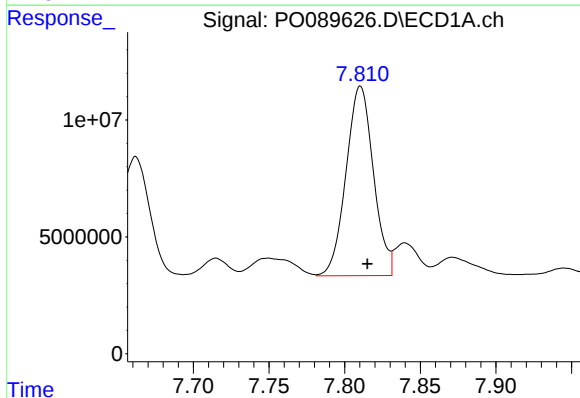
R.T.: 7.389 min
Delta R.T.: -0.004 min
Response: 99037525
Conc: 719.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



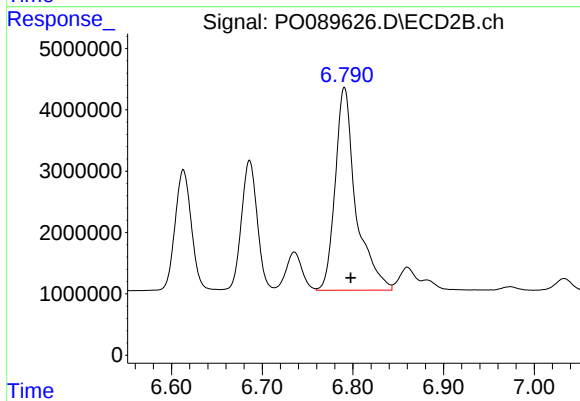
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.007 min
Response: 37261391
Conc: 577.89 ng/ml



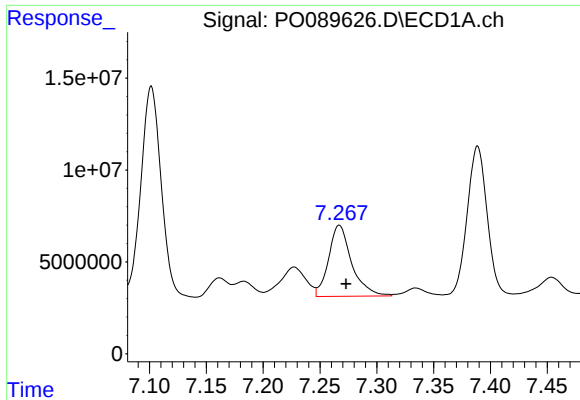
#30 AR-1254-5

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 102257108
Conc: 690.35 ng/ml



#30 AR-1254-5

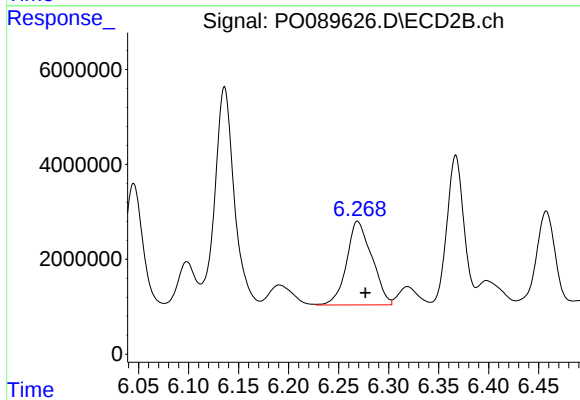
R.T.: 6.791 min
Delta R.T.: -0.007 min
Response: 52410502
Conc: 554.33 ng/ml



#31 AR-1260-1

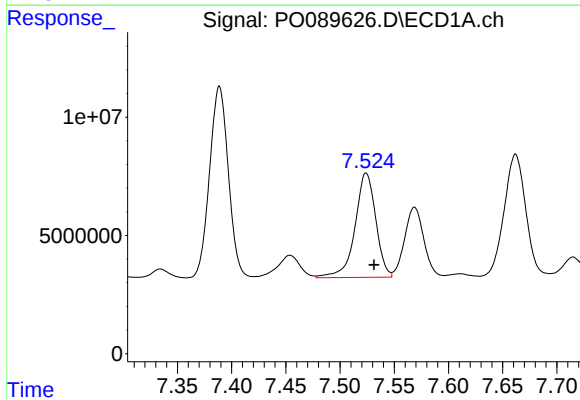
R.T.: 7.267 min
Delta R.T.: -0.006 min
Response: 54796079
Conc: 381.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



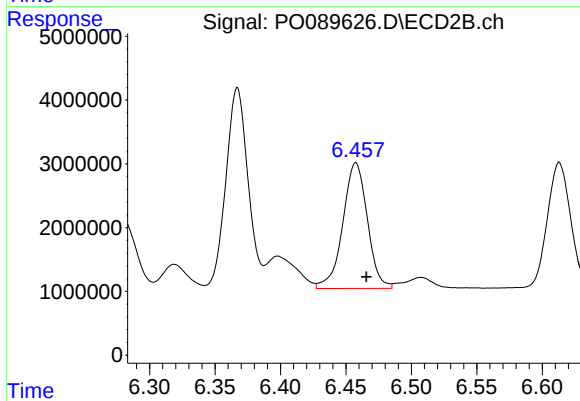
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.008 min
Response: 30982004
Conc: 416.43 ng/ml



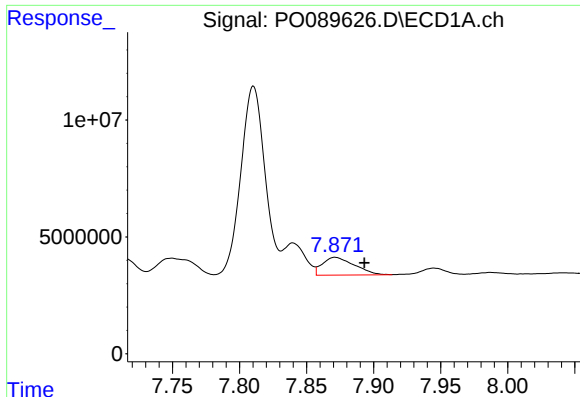
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.007 min
Response: 58840286
Conc: 359.83 ng/ml



#32 AR-1260-2

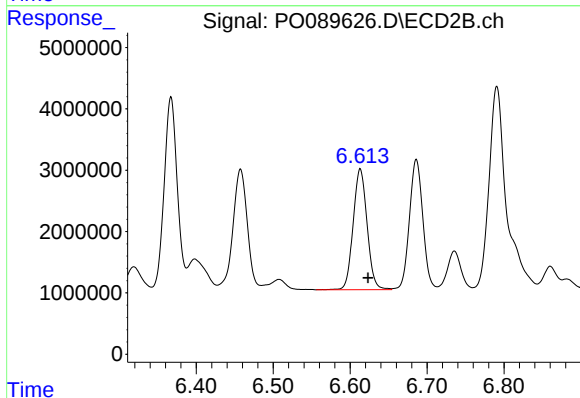
R.T.: 6.458 min
Delta R.T.: -0.008 min
Response: 25771548
Conc: 300.41 ng/ml



#33 AR-1260-3

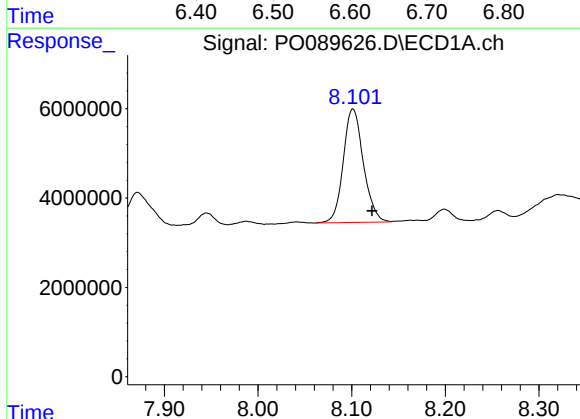
R.T.: 7.871 min
Delta R.T.: -0.022 min
Response: 12606794
Conc: 105.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



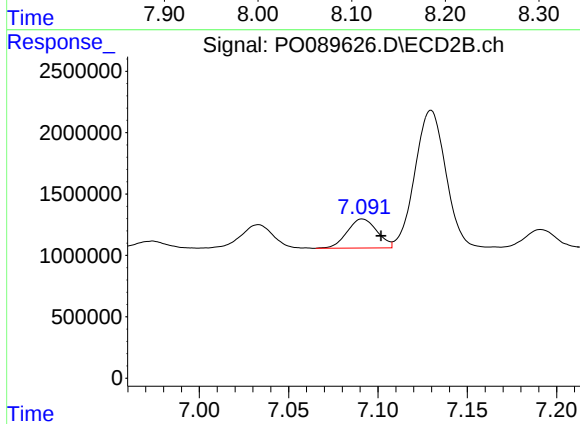
#33 AR-1260-3

R.T.: 6.613 min
Delta R.T.: -0.010 min
Response: 24779858
Conc: 304.19 ng/ml



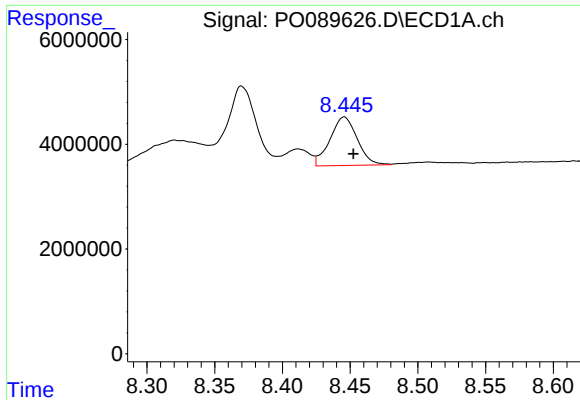
#34 AR-1260-4

R.T.: 8.101 min
Delta R.T.: -0.020 min
Response: 37919530
Conc: 280.83 ng/ml



#34 AR-1260-4

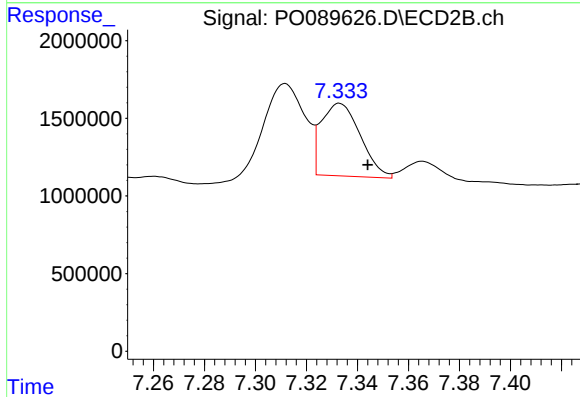
R.T.: 7.091 min
Delta R.T.: -0.010 min
Response: 2762352
Conc: 42.78 ng/ml



#35 AR-1260-5

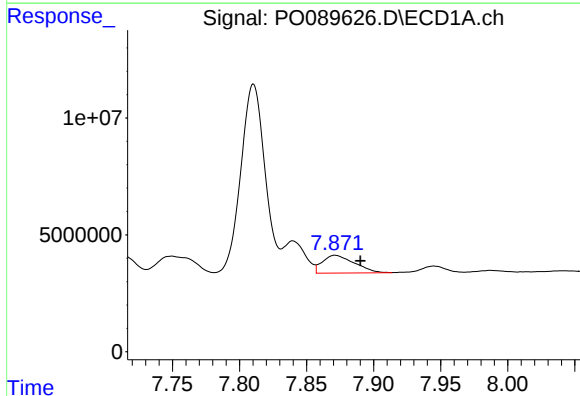
R.T.: 8.446 min
Delta R.T.: -0.007 min
Response: 13002658
Conc: 48.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



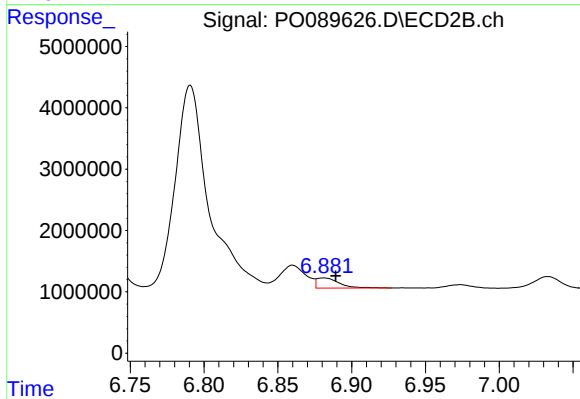
#35 AR-1260-5

R.T.: 7.333 min
Delta R.T.: -0.011 min
Response: 4991479
Conc: 37.71 ng/ml



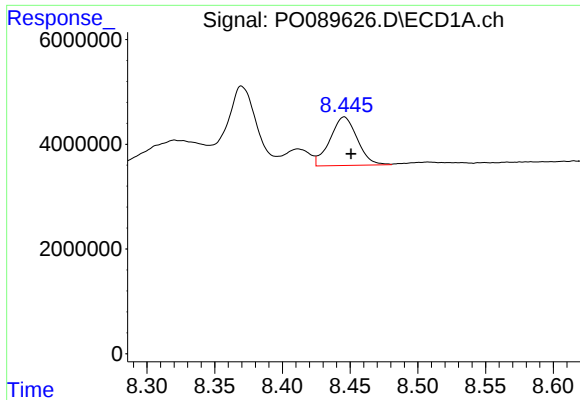
#36 AR-1262-1

R.T.: 7.871 min
Delta R.T.: -0.019 min
Response: 12606794
Conc: 69.75 ng/ml



#36 AR-1262-1

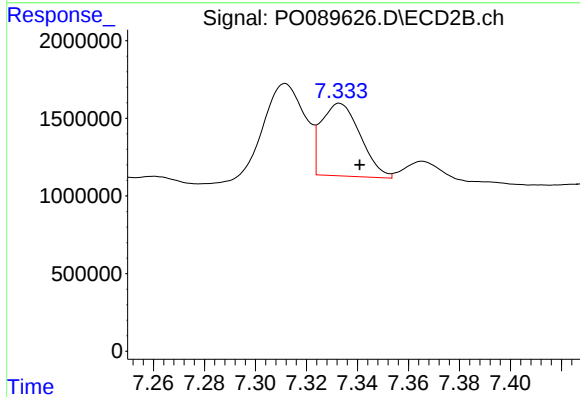
R.T.: 6.881 min
Delta R.T.: -0.008 min
Response: 1727480
Conc: 41.94 ng/ml



#37 AR-1262-2

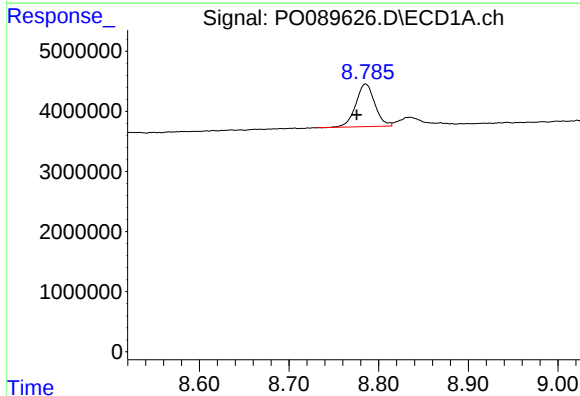
R.T.: 8.446 min
Delta R.T.: -0.005 min
Response: 13002658
Conc: 41.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



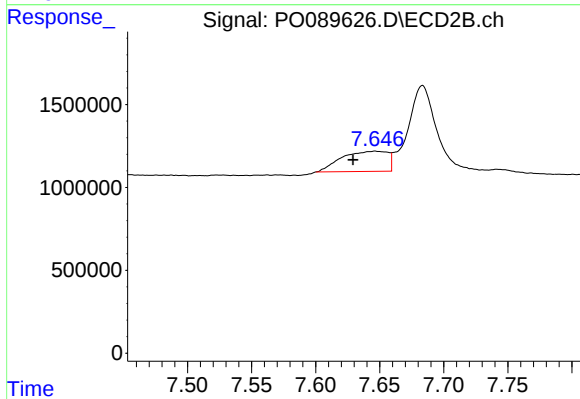
#37 AR-1262-2

R.T.: 7.333 min
Delta R.T.: -0.008 min
Response: 4991479
Conc: 33.82 ng/ml



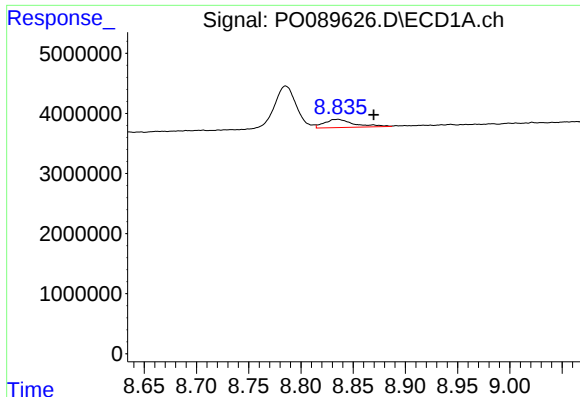
#38 AR-1262-3

R.T.: 8.785 min
Delta R.T.: 0.010 min
Response: 10475298
Conc: 50.23 ng/ml



#38 AR-1262-3

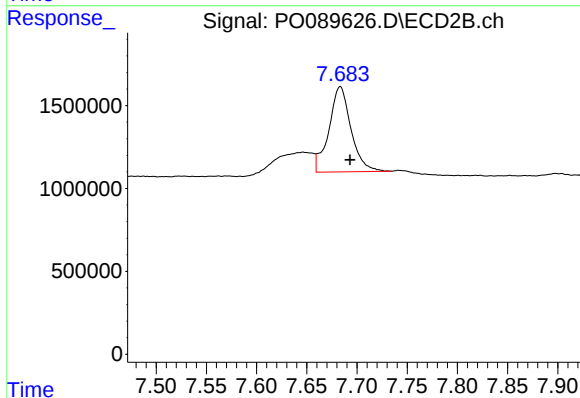
R.T.: 7.647 min
Delta R.T.: 0.017 min
Response: 3068188
Conc: 49.21 ng/ml



#39 AR-1262-4

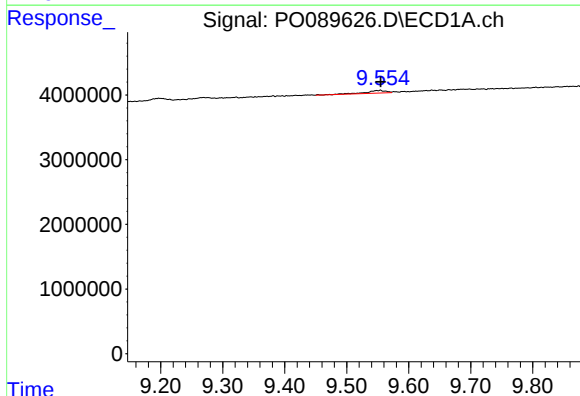
R.T.: 8.835 min
Delta R.T.: -0.035 min
Response: 2659115
Conc: 28.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



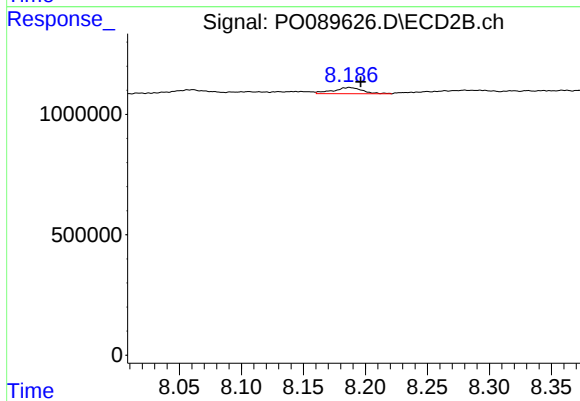
#39 AR-1262-4

R.T.: 7.683 min
Delta R.T.: -0.010 min
Response: 7869016
Conc: 71.92 ng/ml



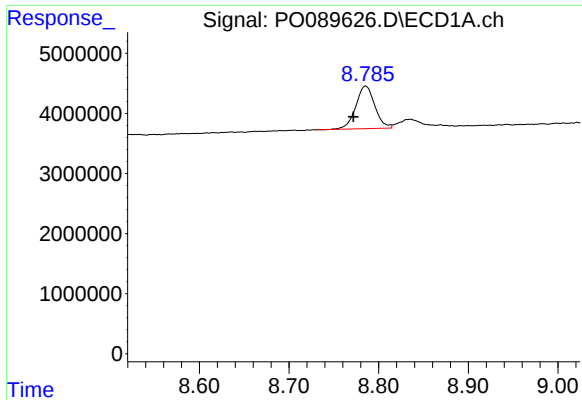
#40 AR-1262-5

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 925166
Conc: 8.52 ng/ml



#40 AR-1262-5

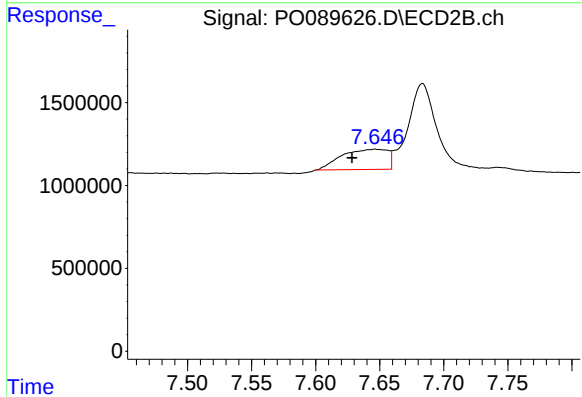
R.T.: 8.187 min
Delta R.T.: -0.009 min
Response: 415757
Conc: 8.28 ng/ml



#41 AR-1268-1

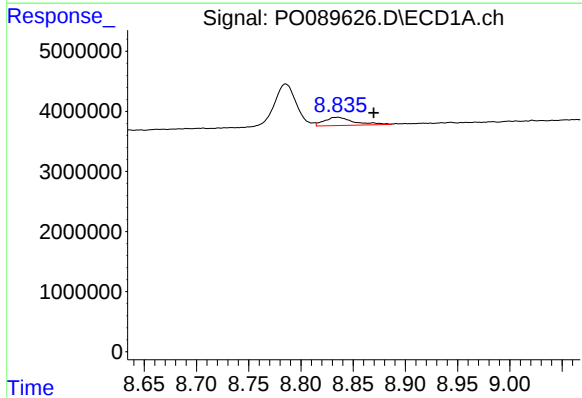
R.T.: 8.785 min
Delta R.T.: 0.014 min
Response: 10475298
Conc: 28.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



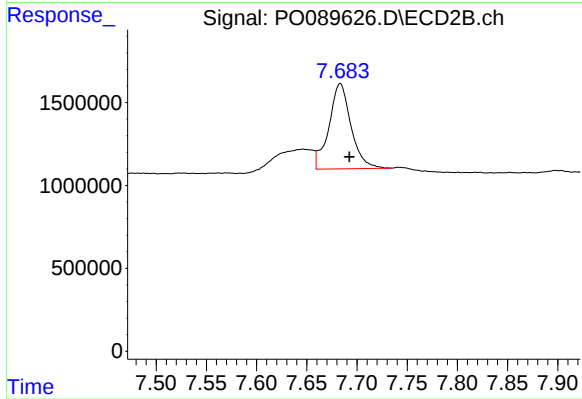
#41 AR-1268-1

R.T.: 7.647 min
Delta R.T.: 0.018 min
Response: 3068188
Conc: 17.86 ng/ml



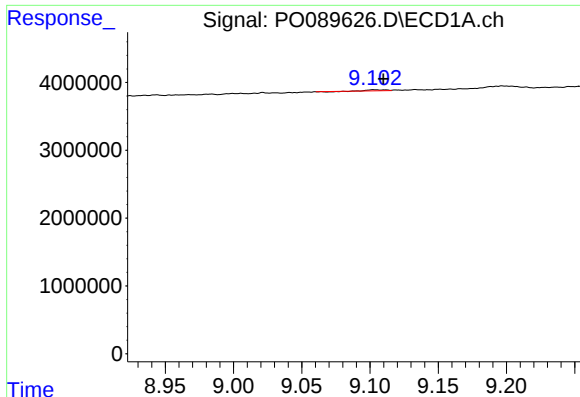
#42 AR-1268-2

R.T.: 8.835 min
Delta R.T.: -0.035 min
Response: 2659115
Conc: 7.91 ng/ml



#42 AR-1268-2

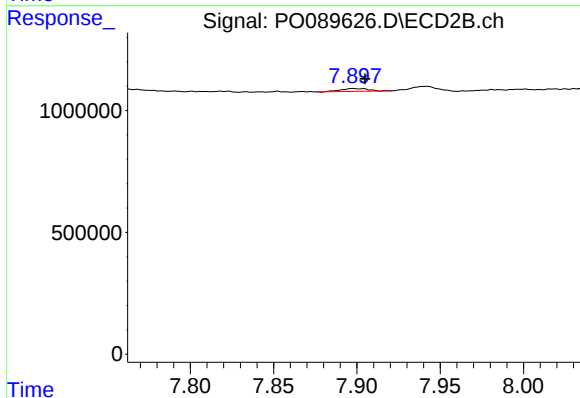
R.T.: 7.683 min
Delta R.T.: -0.009 min
Response: 7869016
Conc: 50.81 ng/ml



#43 AR-1268-3

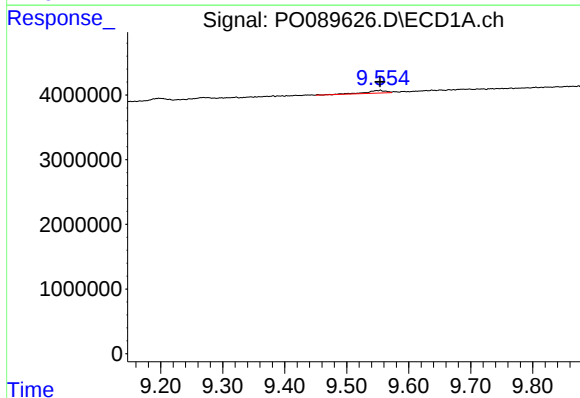
R.T.: 9.103 min
Delta R.T.: -0.007 min
Response: 116652
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



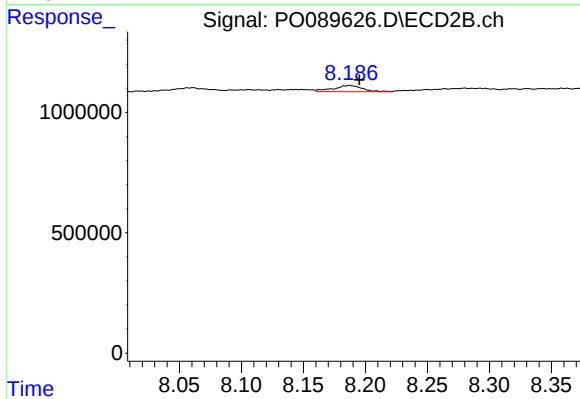
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.007 min
Response: 128095
Conc: 0.93 ng/ml



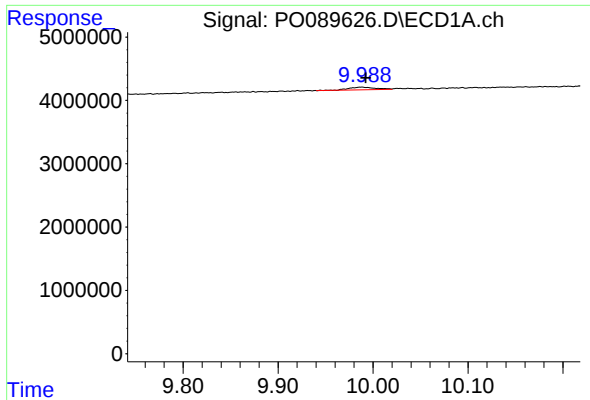
#44 AR-1268-4

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 925166
Conc: 7.67 ng/ml



#44 AR-1268-4

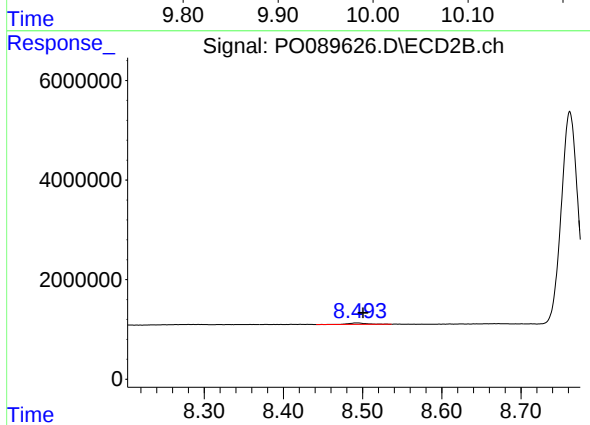
R.T.: 8.187 min
Delta R.T.: -0.008 min
Response: 415757
Conc: 7.29 ng/ml



#45 AR-1268-5

R.T.: 9.988 min
Delta R.T.: -0.005 min
Response: 824655
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 453723
Conc: 1.16 ng/ml