

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020623\
 Data File : P0092396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 19:29
 Operator : YP/AJ
 Sample : 01436-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:26:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 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...	4.455	3.655	47587123	15559956	16.438	11.081 #
2)	SA Decachlor...	10.369	8.686	48770175	21311071	23.630	18.878
Target Compounds							
3)	L1 AR-1016-1	5.571f	4.752	8685114	1794673	94.963	39.048 #
4)	L1 AR-1016-2	0.000	4.752	0	1794673	N.D.	27.367 #
5)	L1 AR-1016-3	5.744	4.934	2097796	769209	24.378	21.757
6)	L1 AR-1016-4	5.813	4.985	889325	1416797	13.340	45.546 #
7)	L1 AR-1016-5	6.114	5.234f	1015115	1136908	14.128	28.590 #
9)	L2 AR-1221-2	4.739	0.000	116533	0	4.211	N.D. #
12)	L3 AR-1232-2	0.000	4.752	0	1794673	N.D.	58.544 #
13)	L3 AR-1232-3	0.000	4.934	0	769209	N.D.	47.778 #
14)	L3 AR-1232-4	5.813	5.041	889325	452254	29.673	27.689
15)	L3 AR-1232-5	5.899	5.234f	3116665	1136908	126.107	63.561 #
16)	L4 AR-1242-1	5.571f	4.752	8685114	1794673	111.364	46.014 #
17)	L4 AR-1242-2	0.000	4.752	0	1794673	N.D.	33.044 #
18)	L4 AR-1242-3	5.744	4.934	2097796	769209	28.898	26.411
19)	L4 AR-1242-4	5.813	5.041	889325	452254	16.060	14.060
20)	L4 AR-1242-5	6.519f	5.554	2419943	1039611	43.351	28.717 #
21)	L5 AR-1248-1	5.571f	4.752	8685114	1794673	149.629	61.604 #
22)	L5 AR-1248-2	5.899	4.985	3116665	1416797	34.105	31.403
23)	L5 AR-1248-3	6.114	5.041	1015115	452254	10.351	9.697
24)	L5 AR-1248-4	6.519	5.234f	2419943	1136908	24.716	21.160
25)	L5 AR-1248-5	6.519f	5.585	2419943	1871288	25.668	39.527 #
26)	L6 AR-1254-1	6.519	5.554	2419943	1039611	21.857	13.262 #
27)	L6 AR-1254-2	6.737	5.698	1066556	1011377	6.561	14.617 #
28)	L6 AR-1254-3	7.114	6.074	1462436	357910	8.867	3.353 #
29)	L6 AR-1254-4	7.356f	6.316	3819769	494572	34.920	8.398 #
30)	L6 AR-1254-5	7.827	6.746	2872040	1148227	20.413	12.616 #
31)	L7 AR-1260-1	7.277	6.229	1953698	1750743	14.828	23.177 #
32)	L7 AR-1260-2	7.543	6.419	4188653	1417911	28.247	16.184 #
33)	L7 AR-1260-3	7.905	6.572	1766032	855619	15.592	9.870 #
34)	L7 AR-1260-4	8.136	7.043	3520308	1179288	28.398	17.610 #
35)	L7 AR-1260-5	8.471	7.286	2763041	1735389	12.443	12.195
36)	L8 AR-1262-1	7.827	6.746	2872040	1148227	26.581	24.741
37)	L8 AR-1262-2	8.471	7.286	2763041	1735389	11.574	11.762
38)	L8 AR-1262-3	8.830	7.573	27809009	199267	164.506	3.188 #
39)	L8 AR-1262-4	8.830f	7.636	27809009	1915361	273.346	17.482 #
40)	L8 AR-1262-5	9.579	8.131	1534526	1062339	17.159	20.617
41)	L9 AR-1268-1	8.830f	7.573	27809009	199267	87.908	1.095 #
42)	L9 AR-1268-2	8.830f	7.636	27809009	1915361	92.131	11.574 #
43)	L9 AR-1268-3	0.000	7.862	0	211649	N.D.	1.425 #
44)	L9 AR-1268-4	9.579	8.131	1534526	1062339	14.682	16.924

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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

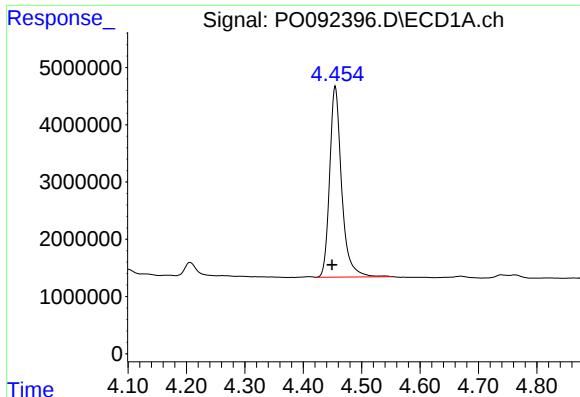
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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
45) L9	AR-1268-5	0.000	8.372f	0	367235	N.D.	0.868 #

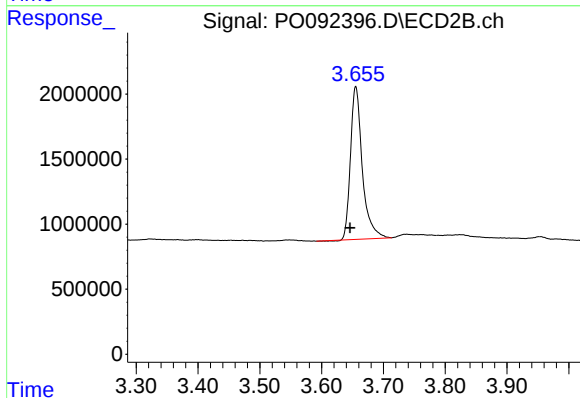
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

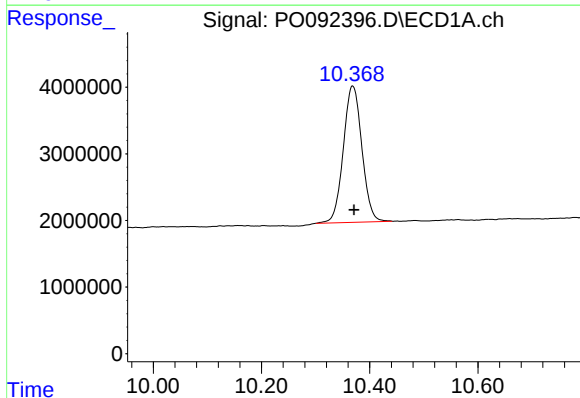
R.T.: 4.455 min
Delta R.T.: 0.006 min
Response: 47587123
Conc: 16.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



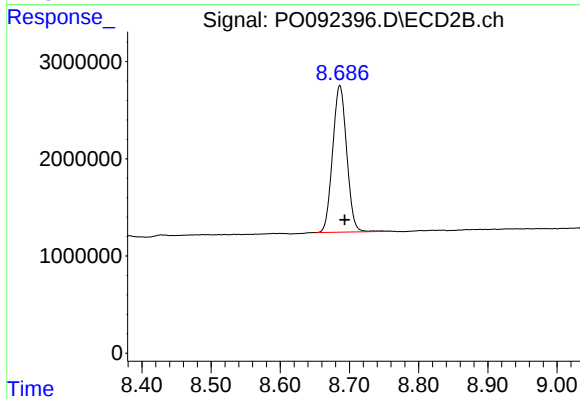
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.009 min
Response: 15559956
Conc: 11.08 ng/ml



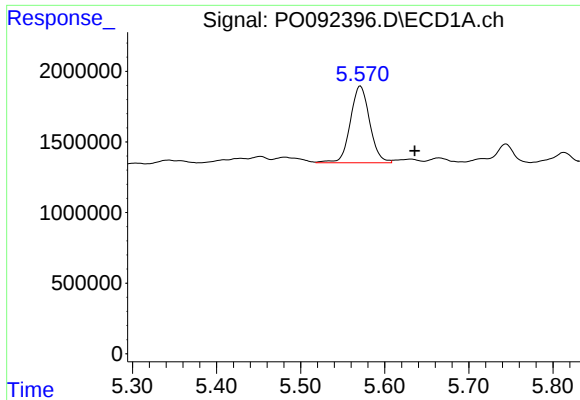
#2 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: -0.003 min
Response: 48770175
Conc: 23.63 ng/ml



#2 Decachlorobiphenyl

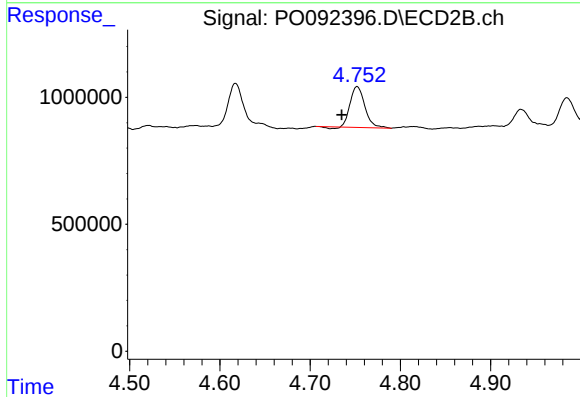
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 21311071
Conc: 18.88 ng/ml



#3 AR-1016-1

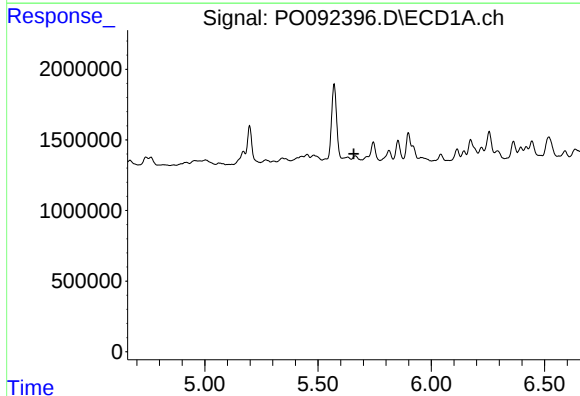
R.T.: 5.571 min
Delta R.T.: -0.064 min
Response: 8685114
Conc: 94.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



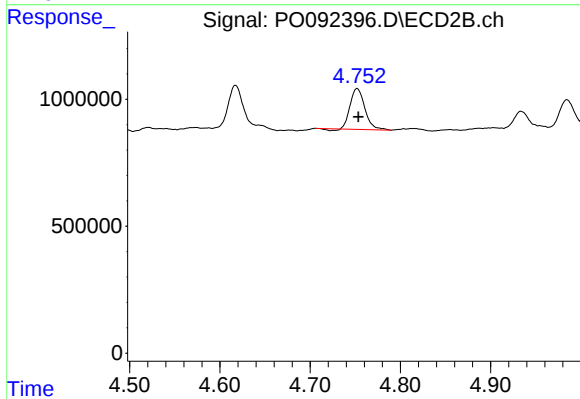
#3 AR-1016-1

R.T.: 4.752 min
Delta R.T.: 0.017 min
Response: 1794673
Conc: 39.05 ng/ml



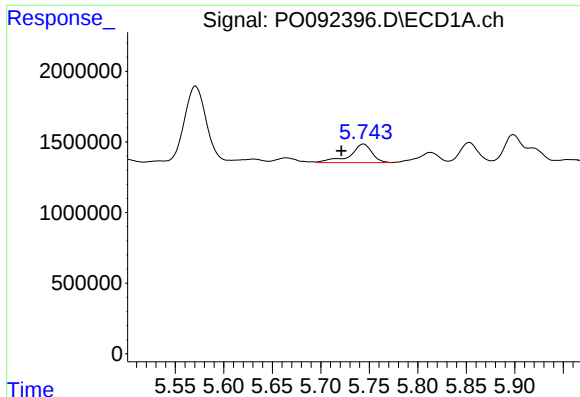
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.658 min
Response: 0
Conc: N.D.



#4 AR-1016-2

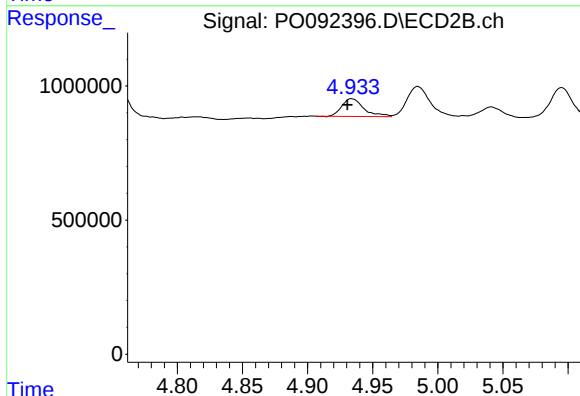
R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 1794673
Conc: 27.37 ng/ml



#5 AR-1016-3

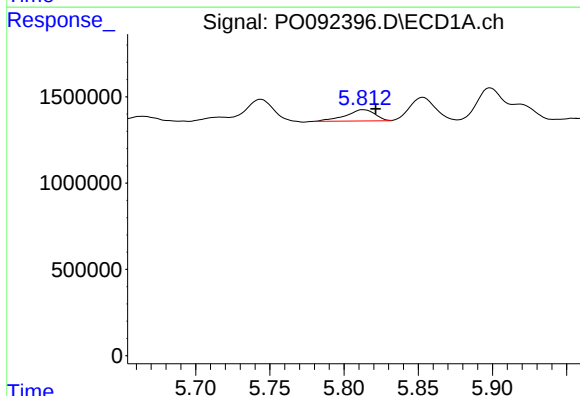
R.T.: 5.744 min
Delta R.T.: 0.023 min
Response: 2097796
Conc: 24.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



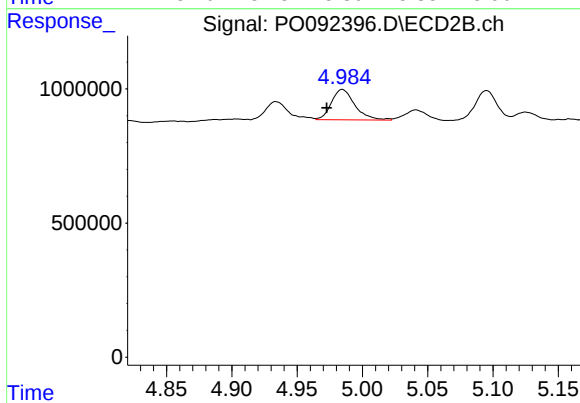
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: 0.003 min
Response: 769209
Conc: 21.76 ng/ml



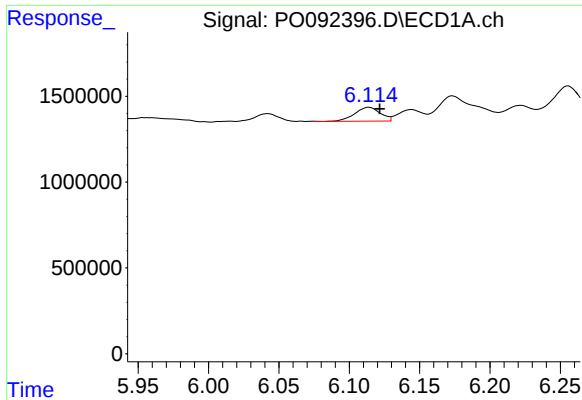
#6 AR-1016-4

R.T.: 5.813 min
Delta R.T.: -0.008 min
Response: 889325
Conc: 13.34 ng/ml



#6 AR-1016-4

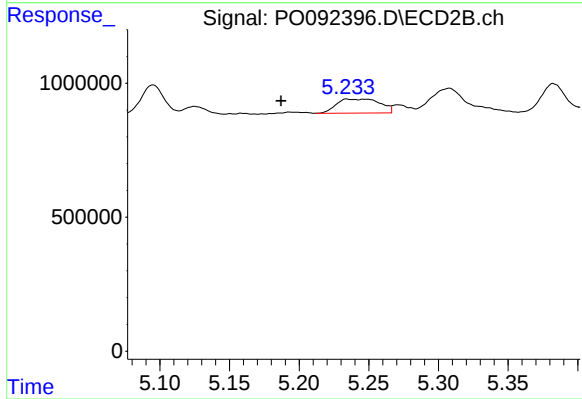
R.T.: 4.985 min
Delta R.T.: 0.012 min
Response: 1416797
Conc: 45.55 ng/ml



#7 AR-1016-5

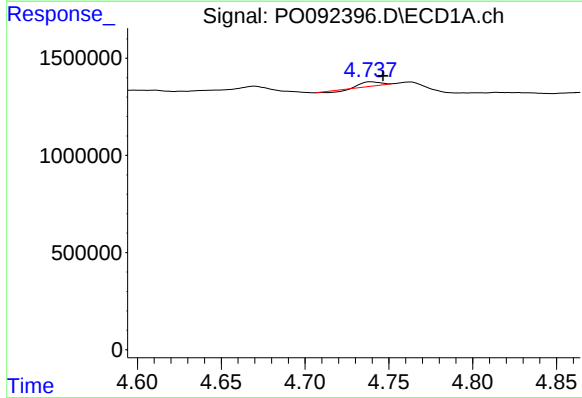
R.T.: 6.114 min
Delta R.T.: -0.007 min
Response: 1015115
Conc: 14.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



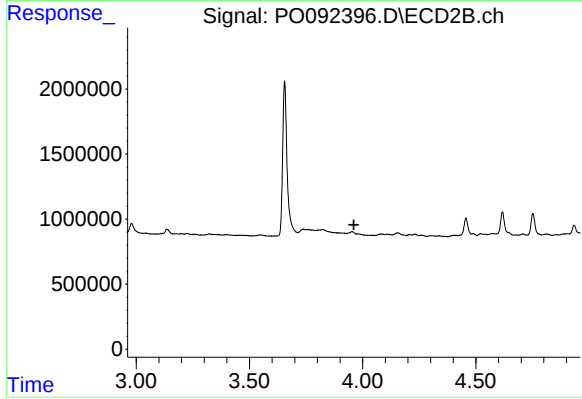
#7 AR-1016-5

R.T.: 5.234 min
Delta R.T.: 0.048 min
Response: 1136908
Conc: 28.59 ng/ml



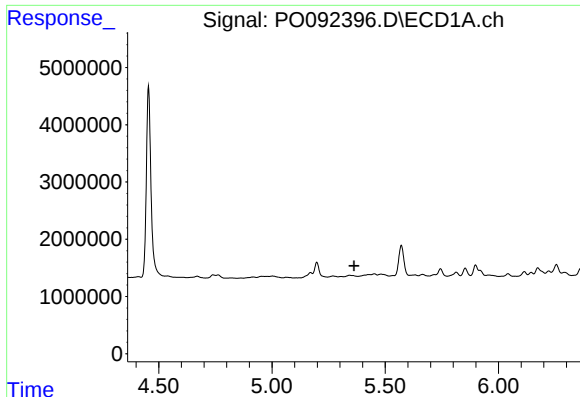
#9 AR-1221-2

R.T.: 4.739 min
Delta R.T.: -0.007 min
Response: 116533
Conc: 4.21 ng/ml



#9 AR-1221-2

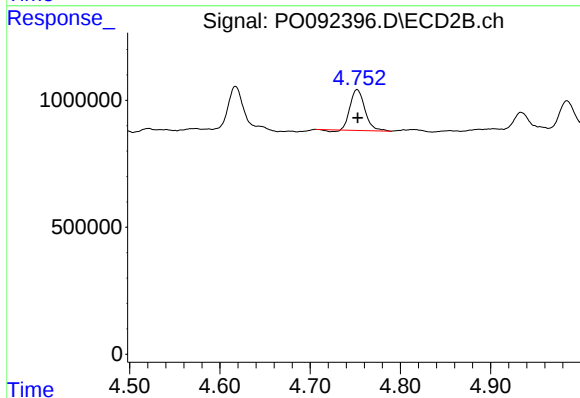
R.T.: 0.000 min
Exp R.T. : 3.962 min
Response: 0
Conc: N.D.



#12 AR-1232-2

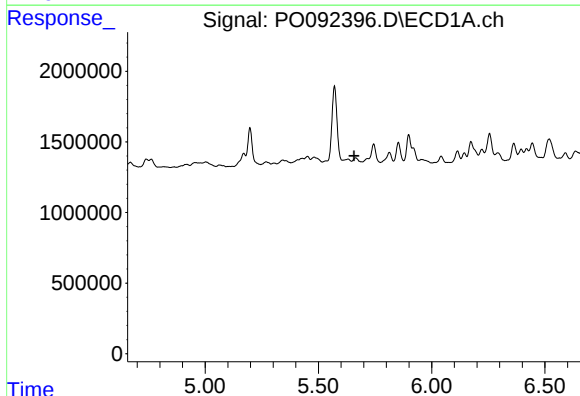
R.T.: 0.000 min
Exp R.T.: 5.362 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



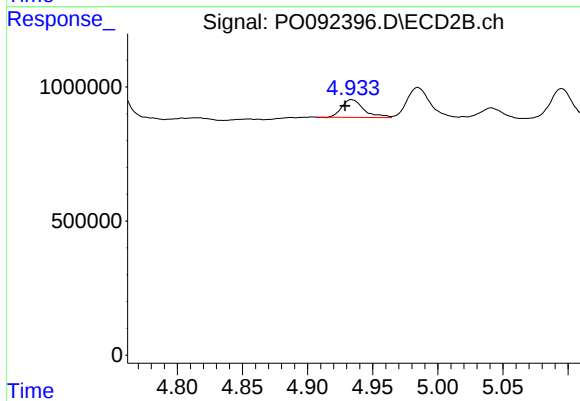
#12 AR-1232-2

R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 1794673
Conc: 58.54 ng/ml



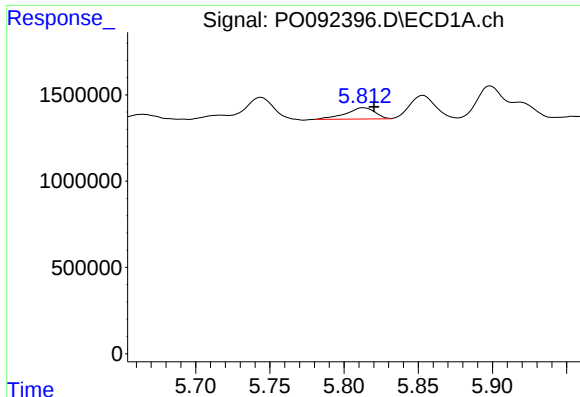
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

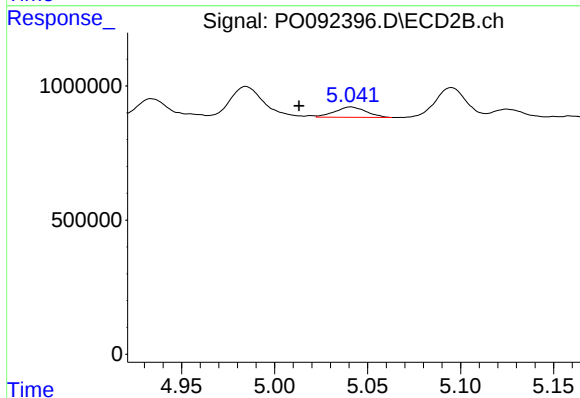
R.T.: 4.934 min
Delta R.T.: 0.005 min
Response: 769209
Conc: 47.78 ng/ml



#14 AR-1232-4

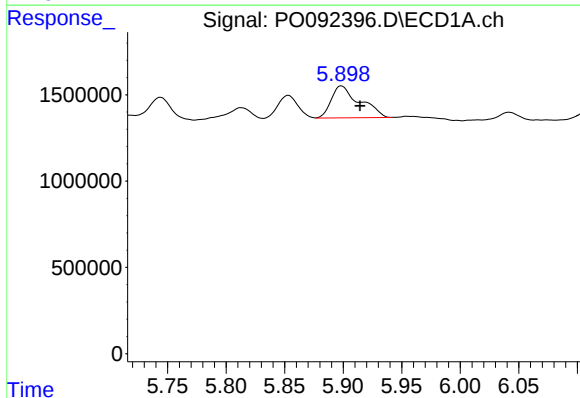
R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 889325
Conc: 29.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



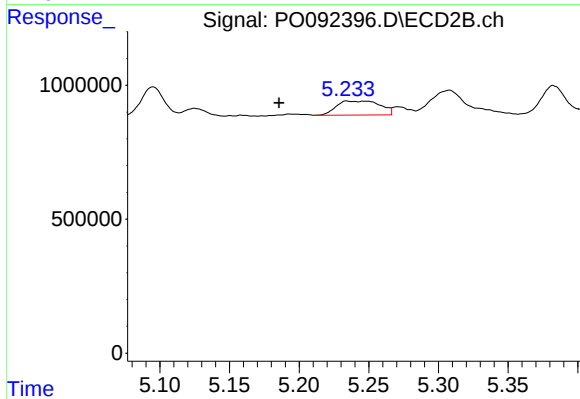
#14 AR-1232-4

R.T.: 5.041 min
Delta R.T.: 0.028 min
Response: 452254
Conc: 27.69 ng/ml



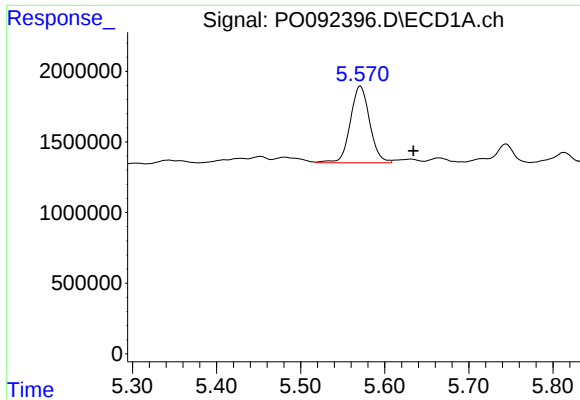
#15 AR-1232-5

R.T.: 5.899 min
Delta R.T.: -0.016 min
Response: 3116665
Conc: 126.11 ng/ml



#15 AR-1232-5

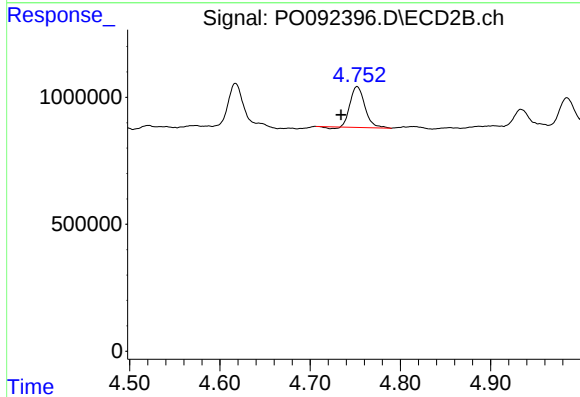
R.T.: 5.234 min
Delta R.T.: 0.049 min
Response: 1136908
Conc: 63.56 ng/ml



#16 AR-1242-1

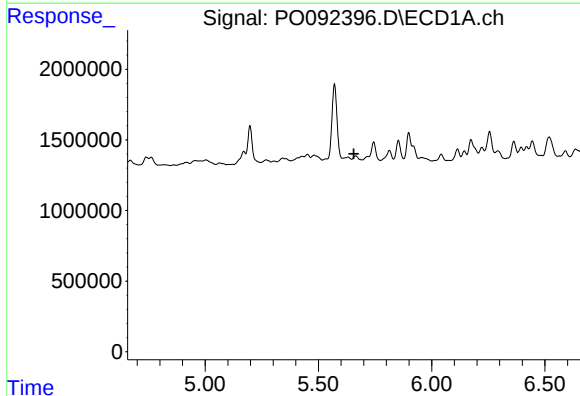
R.T.: 5.571 min
Delta R.T.: -0.063 min
Response: 8685114
Conc: 111.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



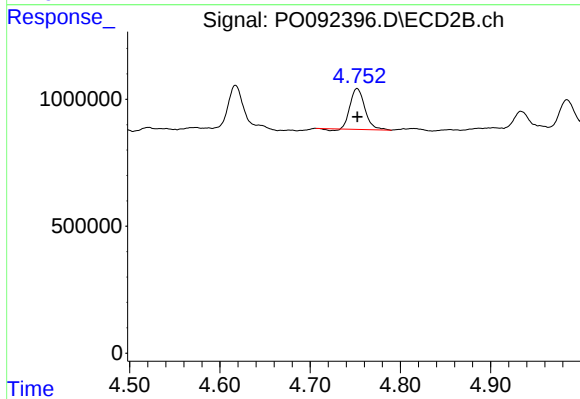
#16 AR-1242-1

R.T.: 4.752 min
Delta R.T.: 0.018 min
Response: 1794673
Conc: 46.01 ng/ml



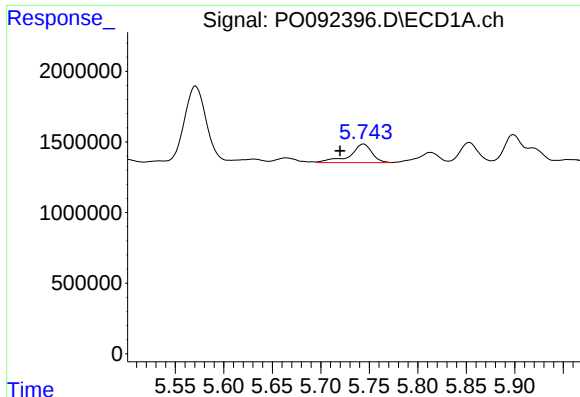
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.656 min
Response: 0
Conc: N.D.



#17 AR-1242-2

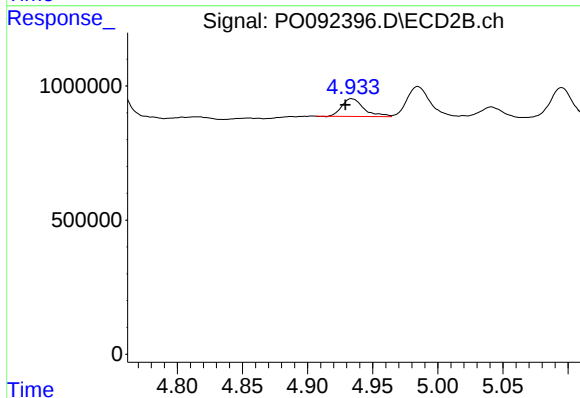
R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 1794673
Conc: 33.04 ng/ml



#18 AR-1242-3

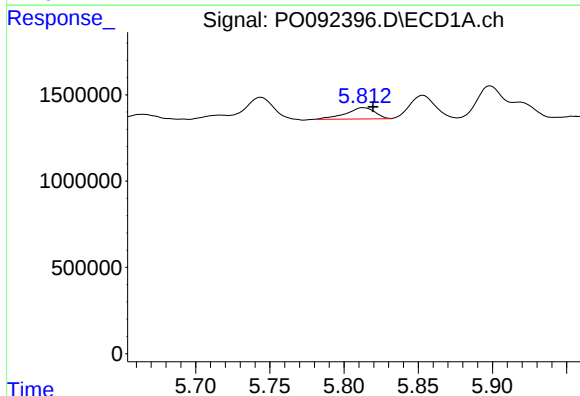
R.T.: 5.744 min
Delta R.T.: 0.024 min
Response: 2097796
Conc: 28.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



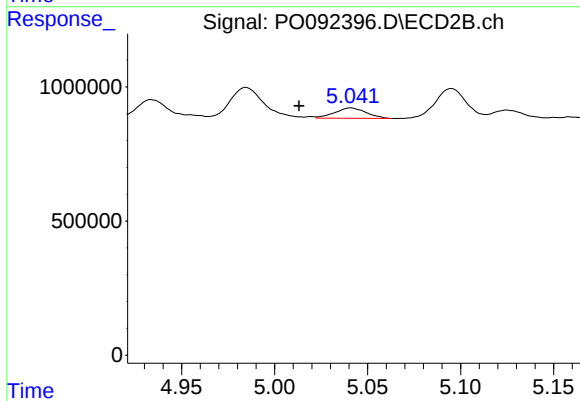
#18 AR-1242-3

R.T.: 4.934 min
Delta R.T.: 0.005 min
Response: 769209
Conc: 26.41 ng/ml



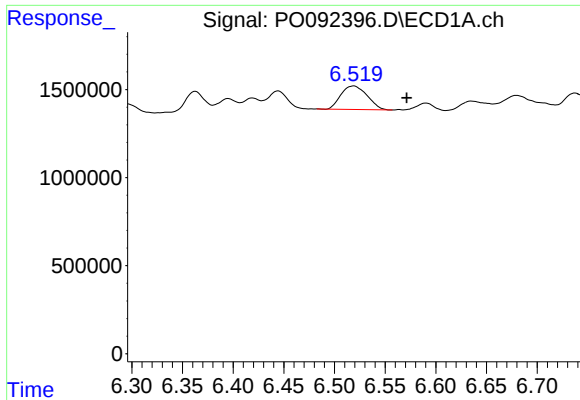
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.006 min
Response: 889325
Conc: 16.06 ng/ml



#19 AR-1242-4

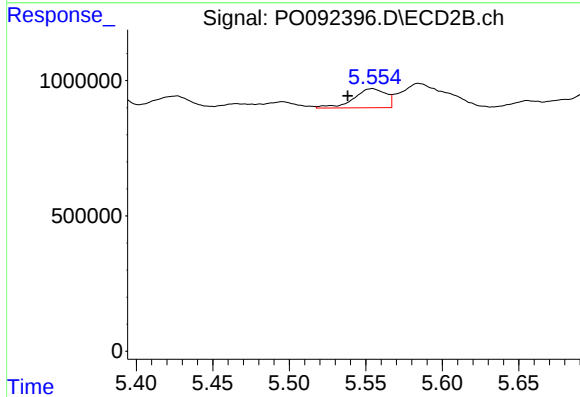
R.T.: 5.041 min
Delta R.T.: 0.028 min
Response: 452254
Conc: 14.06 ng/ml



#20 AR-1242-5

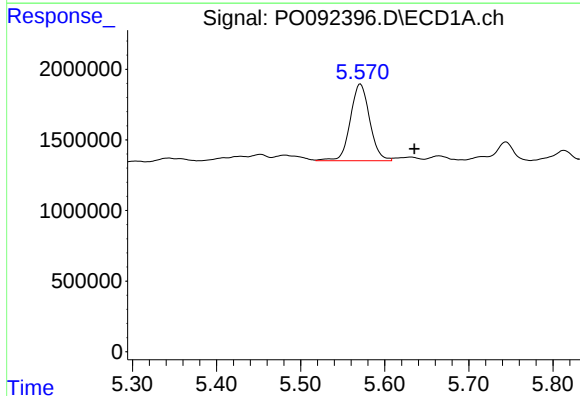
R.T.: 6.519 min
Delta R.T.: -0.052 min
Response: 2419943
Conc: 43.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



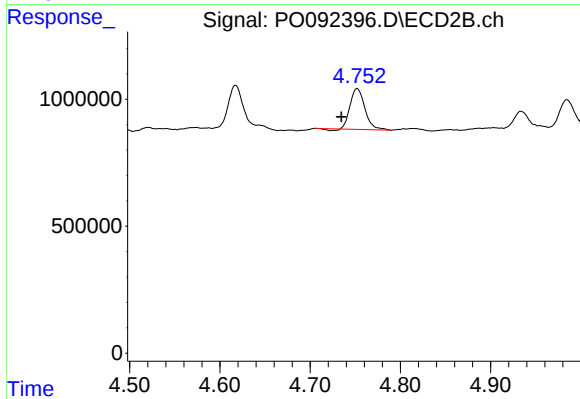
#20 AR-1242-5

R.T.: 5.554 min
Delta R.T.: 0.016 min
Response: 1039611
Conc: 28.72 ng/ml



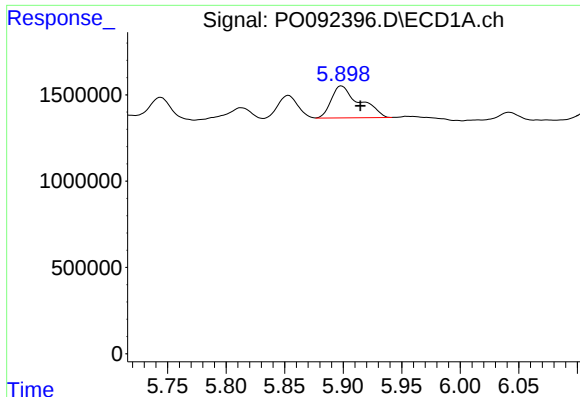
#21 AR-1248-1

R.T.: 5.571 min
Delta R.T.: -0.064 min
Response: 8685114
Conc: 149.63 ng/ml



#21 AR-1248-1

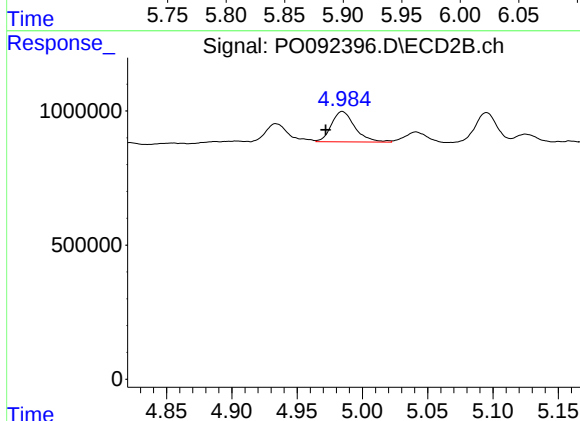
R.T.: 4.752 min
Delta R.T.: 0.018 min
Response: 1794673
Conc: 61.60 ng/ml



#22 AR-1248-2

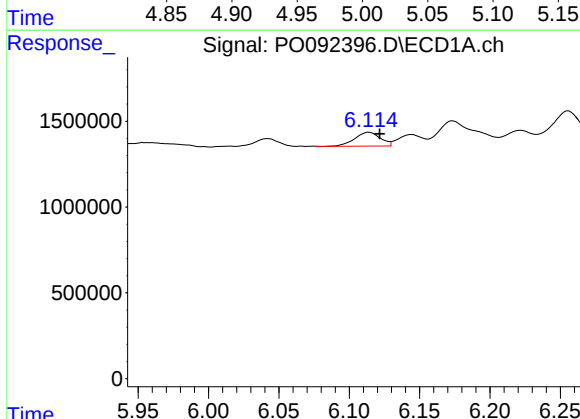
R.T.: 5.899 min
Delta R.T.: -0.016 min
Response: 3116665
Conc: 34.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



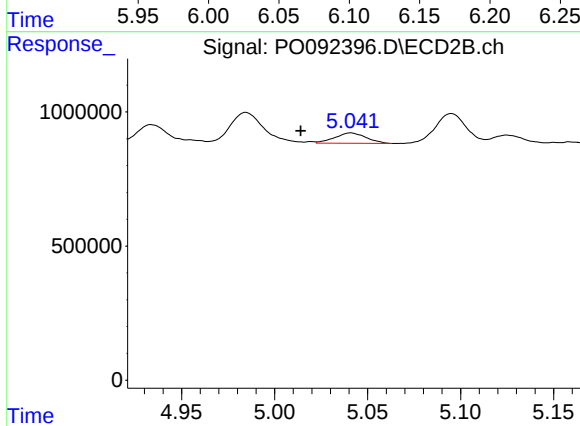
#22 AR-1248-2

R.T.: 4.985 min
Delta R.T.: 0.013 min
Response: 1416797
Conc: 31.40 ng/ml



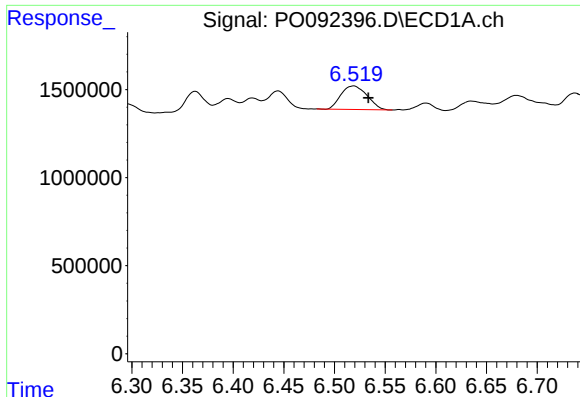
#23 AR-1248-3

R.T.: 6.114 min
Delta R.T.: -0.007 min
Response: 1015115
Conc: 10.35 ng/ml



#23 AR-1248-3

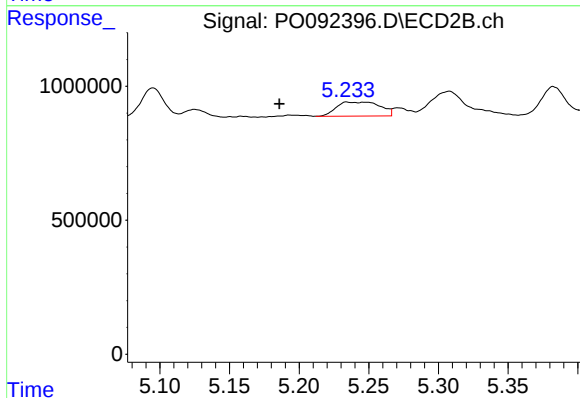
R.T.: 5.041 min
Delta R.T.: 0.027 min
Response: 452254
Conc: 9.70 ng/ml



#24 AR-1248-4

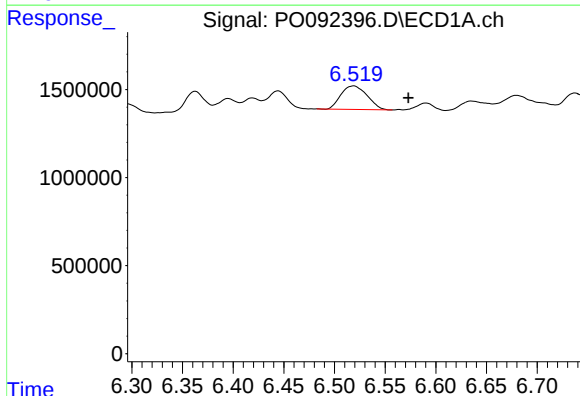
R.T.: 6.519 min
Delta R.T.: -0.014 min
Response: 2419943
Conc: 24.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



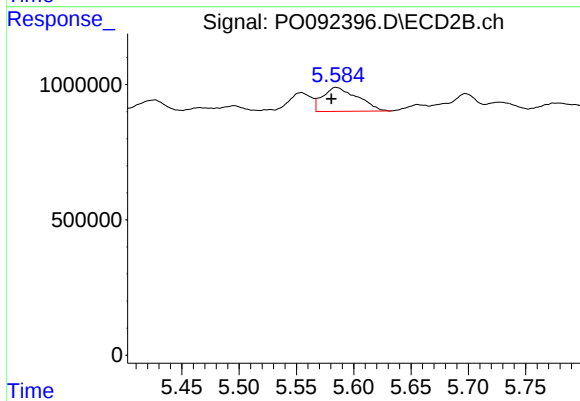
#24 AR-1248-4

R.T.: 5.234 min
Delta R.T.: 0.049 min
Response: 1136908
Conc: 21.16 ng/ml



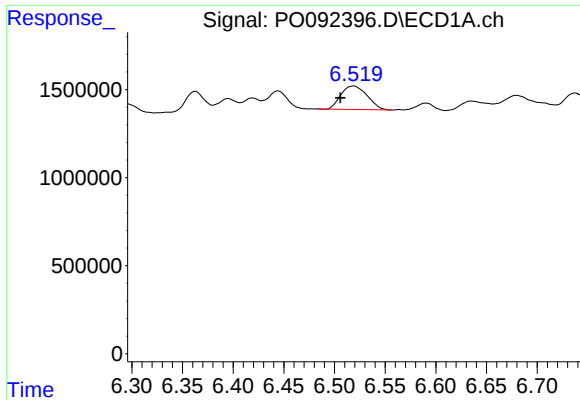
#25 AR-1248-5

R.T.: 6.519 min
Delta R.T.: -0.054 min
Response: 2419943
Conc: 25.67 ng/ml



#25 AR-1248-5

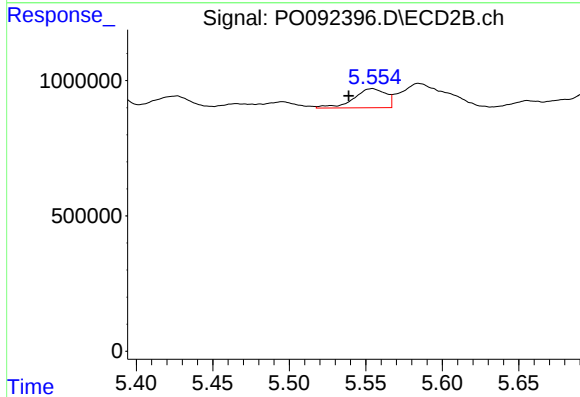
R.T.: 5.585 min
Delta R.T.: 0.004 min
Response: 1871288
Conc: 39.53 ng/ml



#26 AR-1254-1

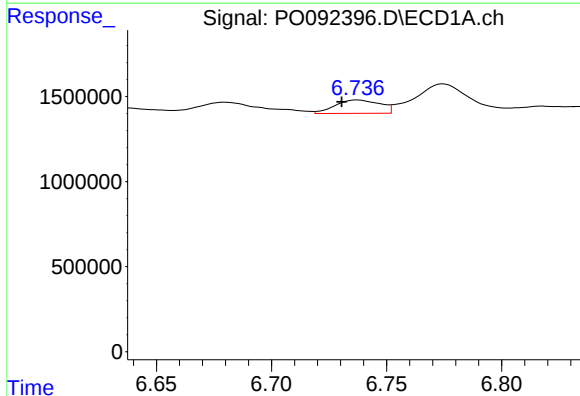
R.T.: 6.519 min
Delta R.T.: 0.013 min
Response: 2419943
Conc: 21.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



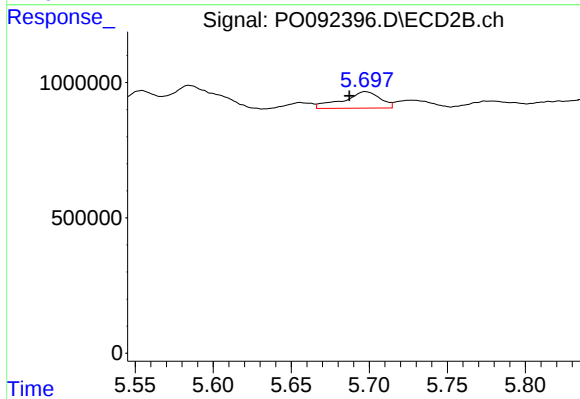
#26 AR-1254-1

R.T.: 5.554 min
Delta R.T.: 0.015 min
Response: 1039611
Conc: 13.26 ng/ml



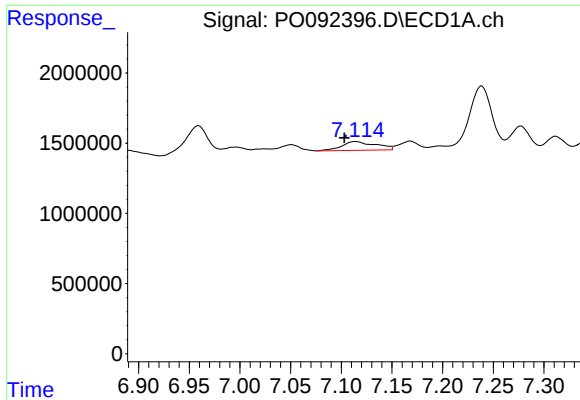
#27 AR-1254-2

R.T.: 6.737 min
Delta R.T.: 0.007 min
Response: 1066556
Conc: 6.56 ng/ml



#27 AR-1254-2

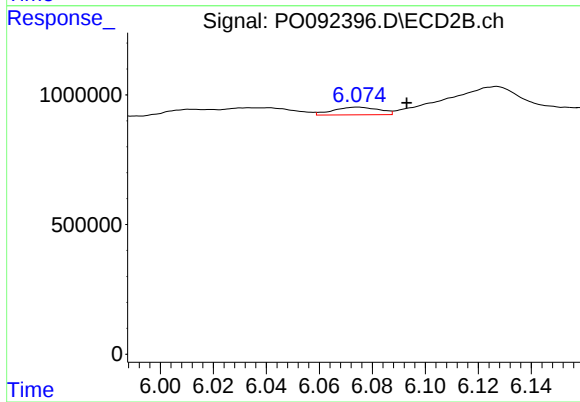
R.T.: 5.698 min
Delta R.T.: 0.010 min
Response: 1011377
Conc: 14.62 ng/ml



#28 AR-1254-3

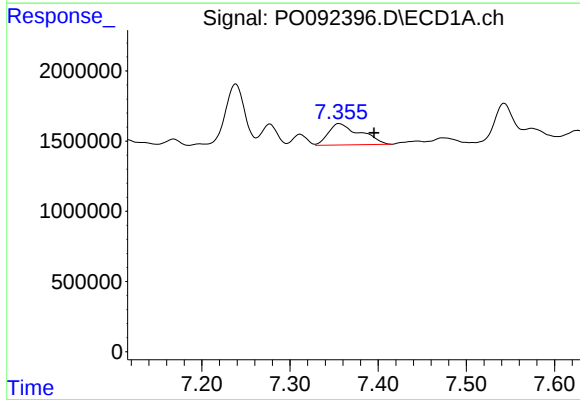
R.T.: 7.114 min
Delta R.T.: 0.011 min
Response: 1462436
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



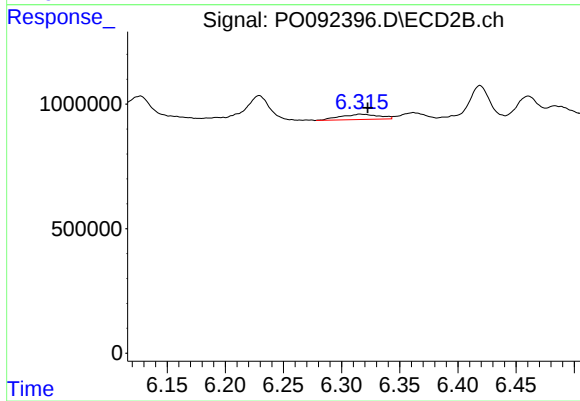
#28 AR-1254-3

R.T.: 6.074 min
Delta R.T.: -0.019 min
Response: 357910
Conc: 3.35 ng/ml



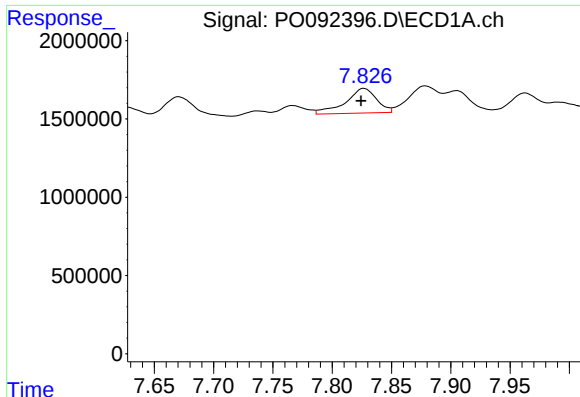
#29 AR-1254-4

R.T.: 7.356 min
Delta R.T.: -0.039 min
Response: 3819769
Conc: 34.92 ng/ml



#29 AR-1254-4

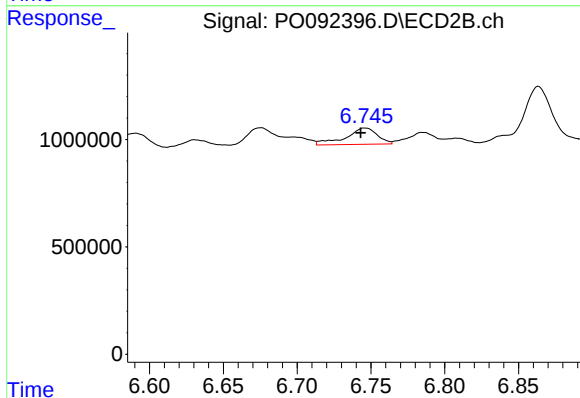
R.T.: 6.316 min
Delta R.T.: -0.006 min
Response: 494572
Conc: 8.40 ng/ml



#30 AR-1254-5

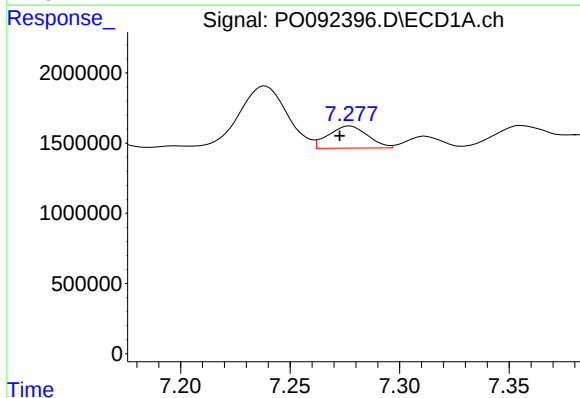
R.T.: 7.827 min
Delta R.T.: 0.003 min
Response: 2872040
Conc: 20.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



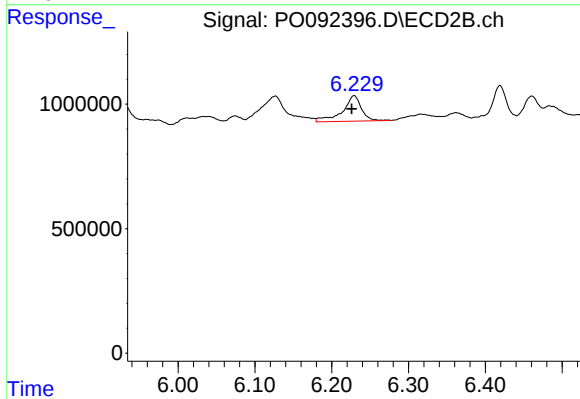
#30 AR-1254-5

R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 1148227
Conc: 12.62 ng/ml



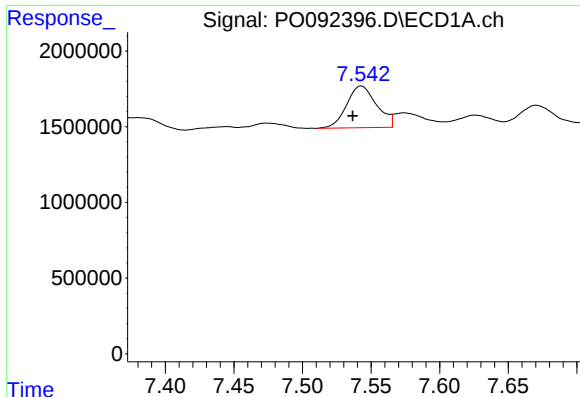
#31 AR-1260-1

R.T.: 7.277 min
Delta R.T.: 0.005 min
Response: 1953698
Conc: 14.83 ng/ml



#31 AR-1260-1

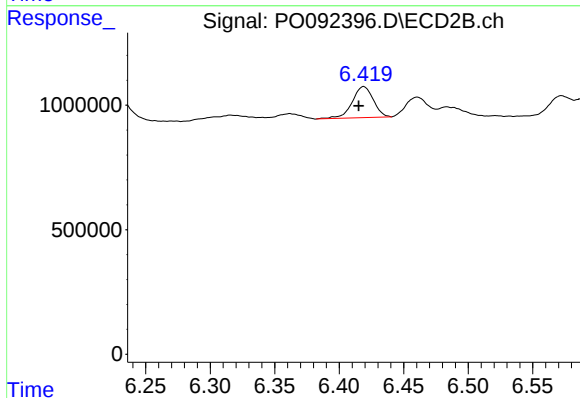
R.T.: 6.229 min
Delta R.T.: 0.003 min
Response: 1750743
Conc: 23.18 ng/ml



#32 AR-1260-2

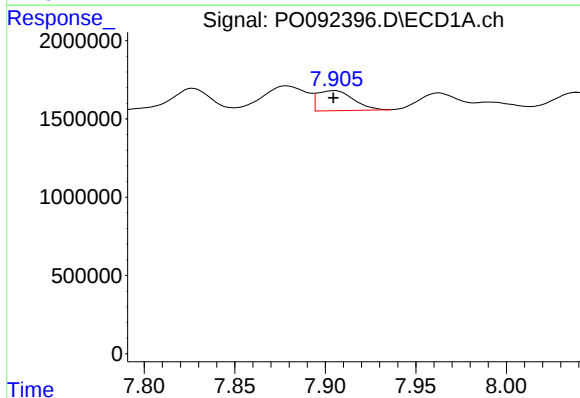
R.T.: 7.543 min
Delta R.T.: 0.006 min
Response: 4188653
Conc: 28.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



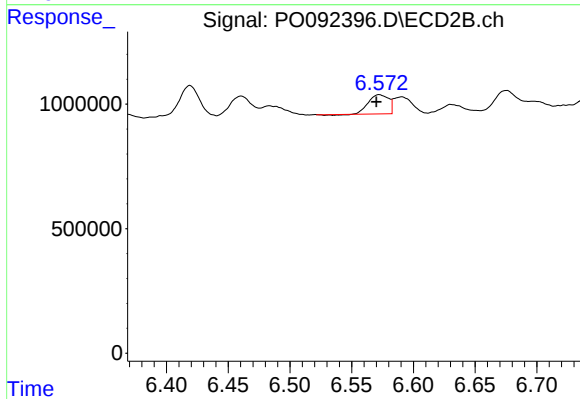
#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: 0.004 min
Response: 1417911
Conc: 16.18 ng/ml



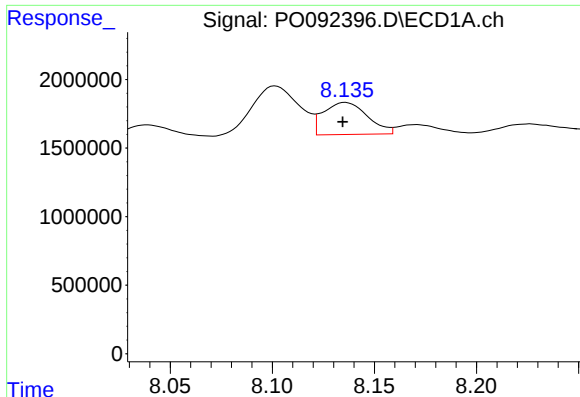
#33 AR-1260-3

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 1766032
Conc: 15.59 ng/ml



#33 AR-1260-3

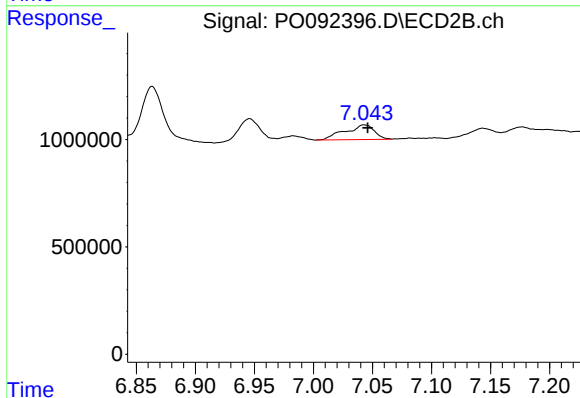
R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 855619
Conc: 9.87 ng/ml



#34 AR-1260-4

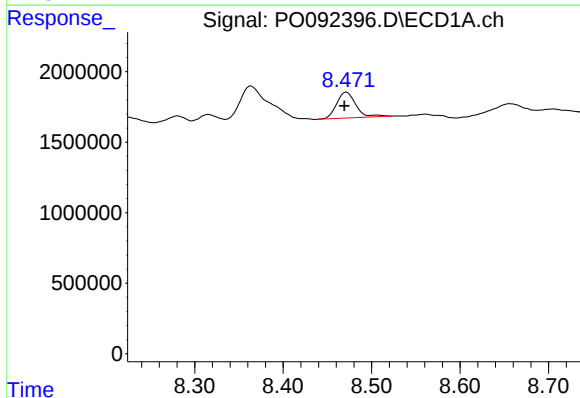
R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 3520308
Conc: 28.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



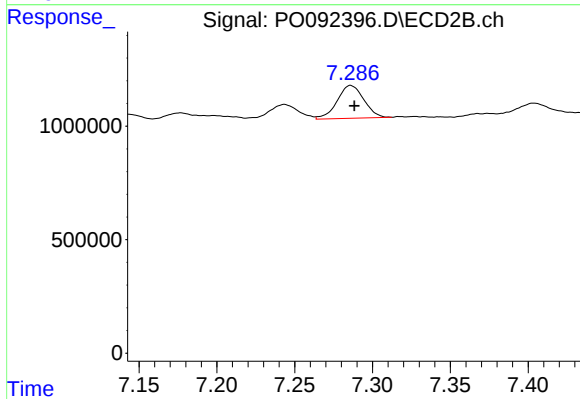
#34 AR-1260-4

R.T.: 7.043 min
Delta R.T.: -0.003 min
Response: 1179288
Conc: 17.61 ng/ml



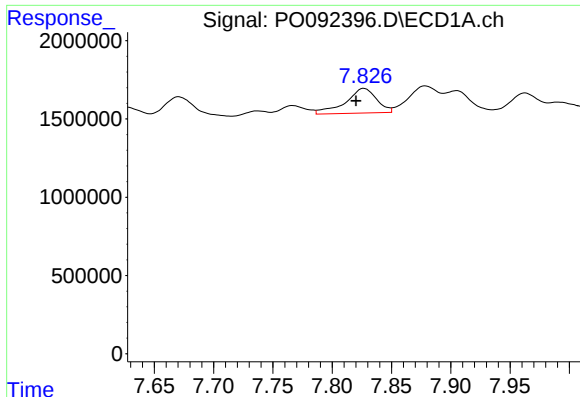
#35 AR-1260-5

R.T.: 8.471 min
Delta R.T.: 0.002 min
Response: 2763041
Conc: 12.44 ng/ml



#35 AR-1260-5

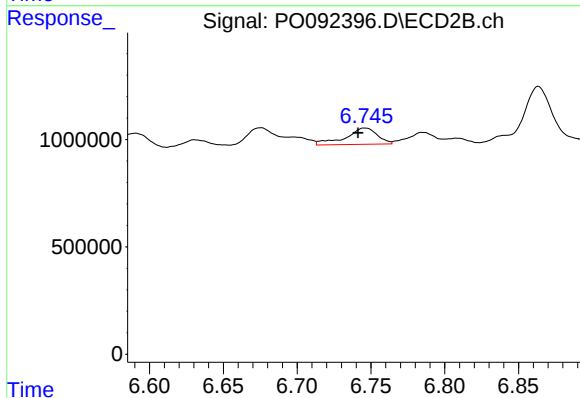
R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 1735389
Conc: 12.20 ng/ml



#36 AR-1262-1

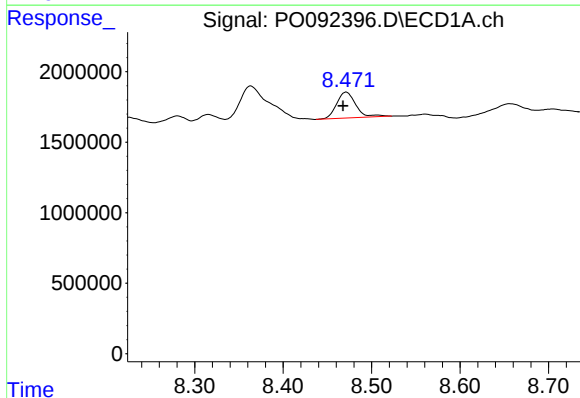
R.T.: 7.827 min
Delta R.T.: 0.007 min
Response: 2872040
Conc: 26.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



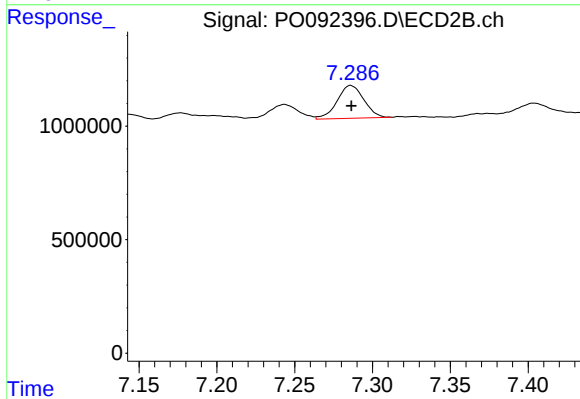
#36 AR-1262-1

R.T.: 6.746 min
Delta R.T.: 0.005 min
Response: 1148227
Conc: 24.74 ng/ml



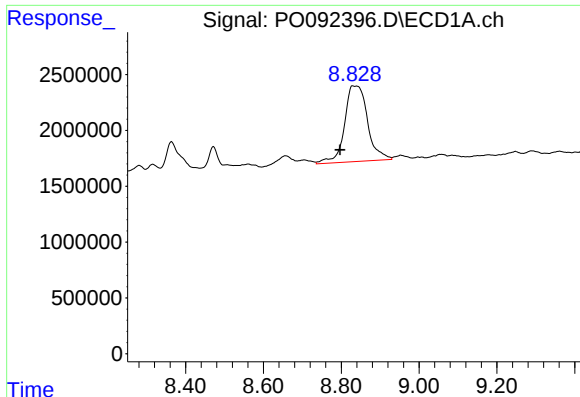
#37 AR-1262-2

R.T.: 8.471 min
Delta R.T.: 0.004 min
Response: 2763041
Conc: 11.57 ng/ml



#37 AR-1262-2

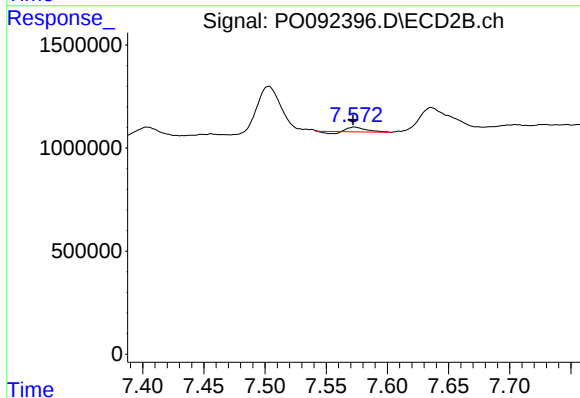
R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 1735389
Conc: 11.76 ng/ml



#38 AR-1262-3

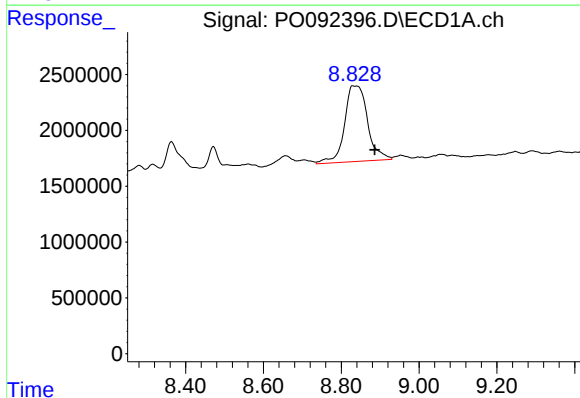
R.T.: 8.830 min
Delta R.T.: 0.034 min
Response: 27809009
Conc: 164.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



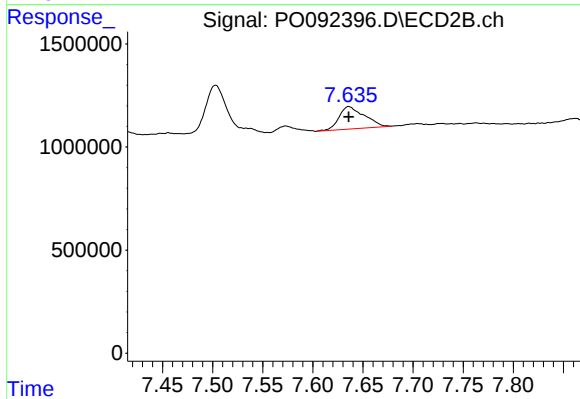
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.001 min
Response: 199267
Conc: 3.19 ng/ml



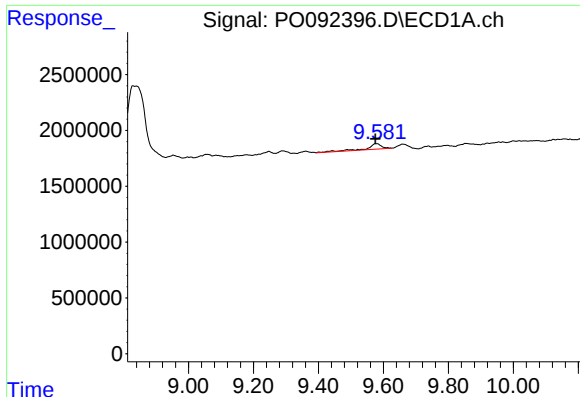
#39 AR-1262-4

R.T.: 8.830 min
Delta R.T.: -0.056 min
Response: 27809009
Conc: 273.35 ng/ml



#39 AR-1262-4

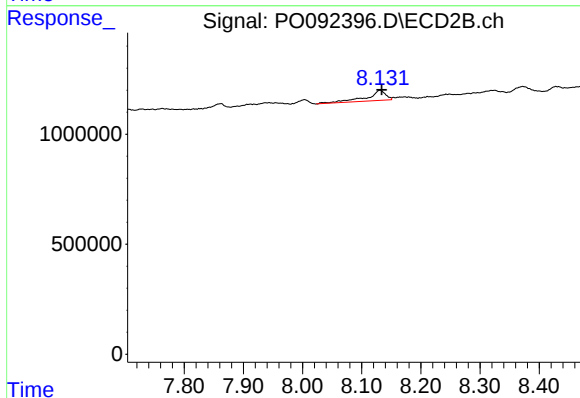
R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 1915361
Conc: 17.48 ng/ml



#40 AR-1262-5

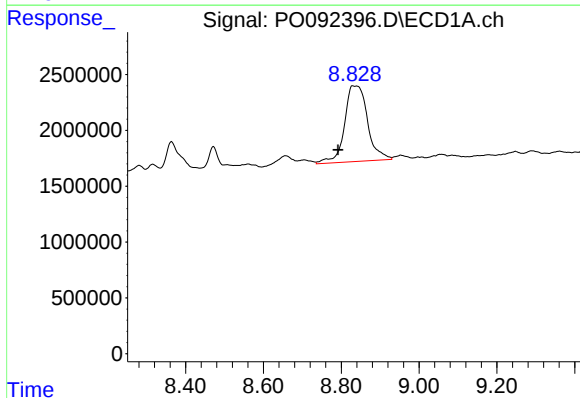
R.T.: 9.579 min
Delta R.T.: 0.004 min
Response: 1534526
Conc: 17.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



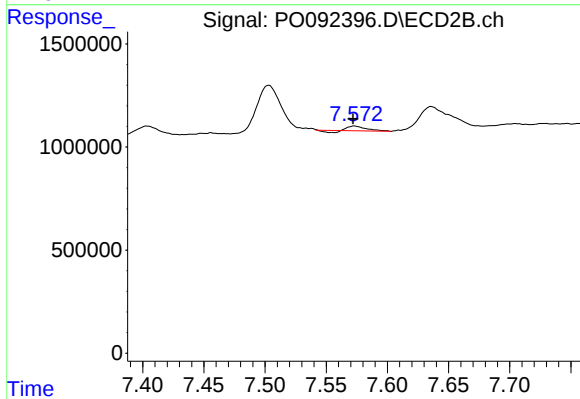
#40 AR-1262-5

R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 1062339
Conc: 20.62 ng/ml



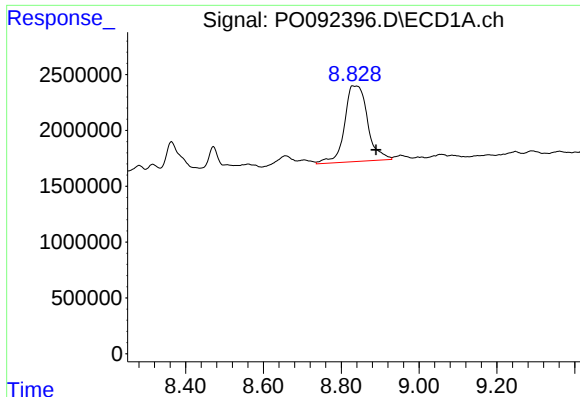
#41 AR-1268-1

R.T.: 8.830 min
Delta R.T.: 0.039 min
Response: 27809009
Conc: 87.91 ng/ml



#41 AR-1268-1

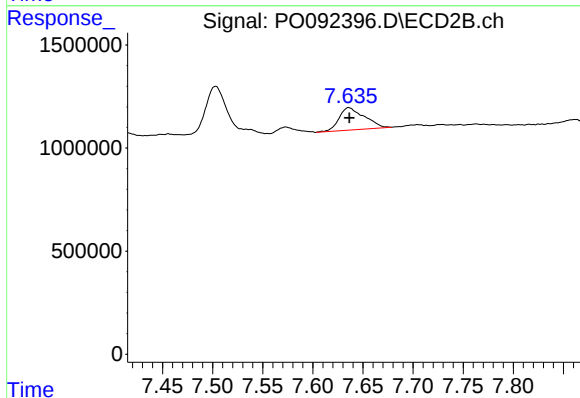
R.T.: 7.573 min
Delta R.T.: 0.001 min
Response: 199267
Conc: 1.10 ng/ml



#42 AR-1268-2

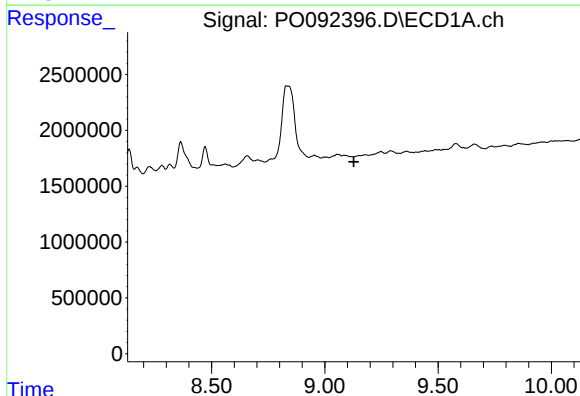
R.T.: 8.830 min
Delta R.T.: -0.059 min
Response: 27809009
Conc: 92.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



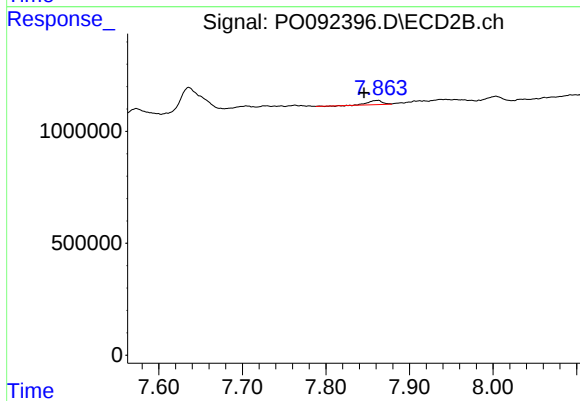
#42 AR-1268-2

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 1915361
Conc: 11.57 ng/ml



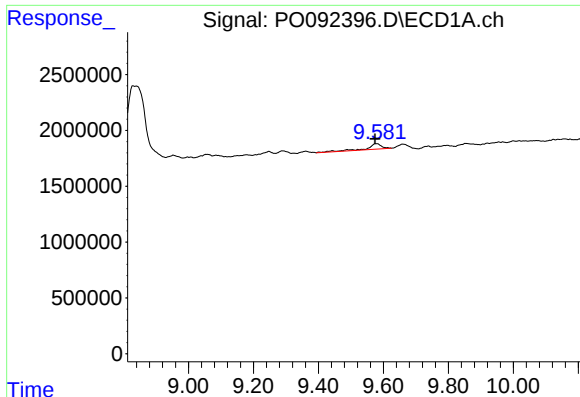
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.128 min
Response: 0
Conc: N.D.



#43 AR-1268-3

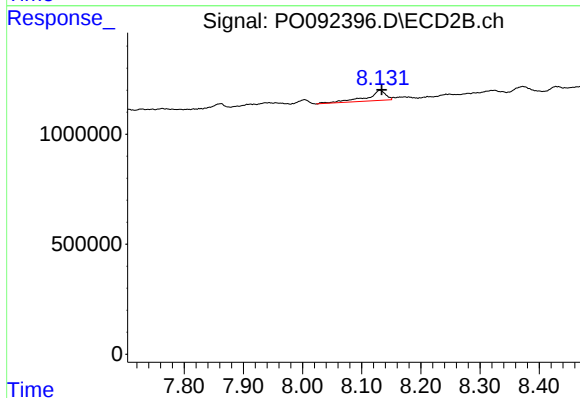
R.T.: 7.862 min
Delta R.T.: 0.016 min
Response: 211649
Conc: 1.43 ng/ml



#44 AR-1268-4

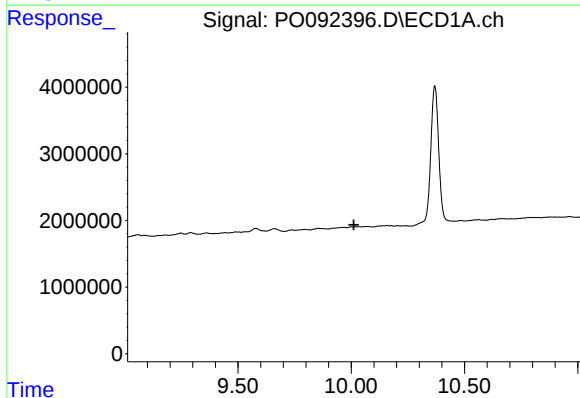
R.T.: 9.579 min
Delta R.T.: 0.005 min
Response: 1534526
Conc: 14.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



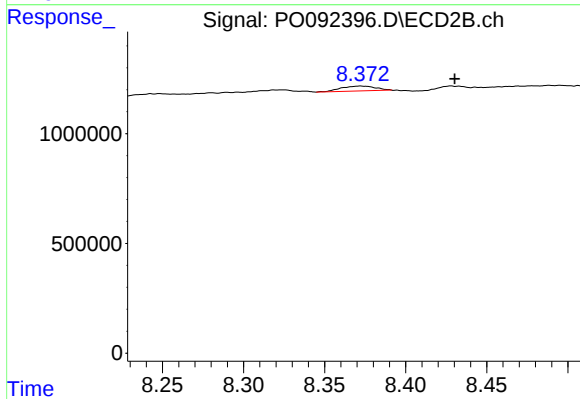
#44 AR-1268-4

R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 1062339
Conc: 16.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.012 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.372 min
Delta R.T.: -0.058 min
Response: 367235
Conc: 0.87 ng/ml