

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0093997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 11:02
 Operator : YP/AJ
 Sample : 02213-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:36:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.419	3.624	72169058	26560752	19.306	20.858
2)	SA Decachlor...	10.239	8.640	54578520	25281742	24.399	25.287
Target Compounds							
3)	L1 AR-1016-1	5.595	4.707	1365847	481038	13.356	13.557
4)	L1 AR-1016-2	5.617	4.724	2052123	749890	13.167	13.884
5)	L1 AR-1016-3	5.678	4.900	1647932	305844	16.708	10.791 #
6)	L1 AR-1016-4	5.779	4.945	764439	270660	10.396	10.250
7)	L1 AR-1016-5	6.077	5.157	1154994	542238	13.642	16.571
8)	L2 AR-1221-1	4.628	0.000	1028907	0	22.309	N.D. #
9)	L2 AR-1221-2	4.723	3.922	1473112	649572	42.915	55.037 #
10)	L2 AR-1221-3	4.792	3.998	2353405	874660	22.470	23.744
11)	L3 AR-1232-1	4.792	3.998	2353405	874660	26.965	27.997
12)	L3 AR-1232-2	5.324	4.724	1087659	749890	25.433	28.326
13)	L3 AR-1232-3	5.617	4.900	2052123	305844	27.937	23.189
14)	L3 AR-1232-4	5.779	4.985	764439	301838	22.208	21.240
15)	L3 AR-1232-5	5.872	5.157	870377	542238	27.403	35.100 #
16)	L4 AR-1242-1	5.595	4.707	1365847	481038	15.648	15.632
17)	L4 AR-1242-2	5.617	4.724	2052123	749890	15.434	16.304
18)	L4 AR-1242-3	5.678	4.900	1647932	305844	19.413	12.620 #
19)	L4 AR-1242-4	5.779	4.985	764439	301838	12.235	10.752
20)	L4 AR-1242-5	6.521	5.507	1122062	385331	16.665	13.515
21)	L5 AR-1248-1	5.595	4.707	1365847	481038	20.300	20.168
22)	L5 AR-1248-2	5.872	4.945	870377	270660	7.957	6.795
23)	L5 AR-1248-3	6.077	4.985	1154994	301838	9.568	7.232
24)	L5 AR-1248-4	6.483	5.157	1140188	542238	10.617	11.531
25)	L5 AR-1248-5	6.521	5.548	1122062	280837	9.671	7.522
26)	L6 AR-1254-1	6.457	5.507	636222	385331	4.691	5.637
27)	L6 AR-1254-2	6.681	0.000	667136	0	3.413	N.D. #
28)	L6 AR-1254-3	7.046	0.000	554330	0	3.001	N.D. #
29)	L6 AR-1254-4	7.338	0.000	147411	0	1.454	N.D. #
30)	L6 AR-1254-5	7.764	0.000	984681	0	7.261	N.D. #
32)	L7 AR-1260-2	7.465	0.000	150266	0	0.939	N.D. #
33)	L7 AR-1260-3	7.845	0.000	184969	0	1.393	N.D. #
34)	L7 AR-1260-4	8.086	0.000	433432	0	3.147	N.D. #
35)	L7 AR-1260-5	8.389	0.000	167203	0	0.768	N.D. #
36)	L8 AR-1262-1	7.845	0.000	184969	0	1.083	N.D. #
37)	L8 AR-1262-2	8.389	0.000	167203	0	0.719	N.D. #
38)	L8 AR-1262-3	8.707	0.000	108418	0	0.662	N.D. #
39)	L8 AR-1262-4	8.801	0.000	494700	0	4.937	N.D. #
40)	L8 AR-1262-5	9.474	0.000	701535	0	8.716	N.D. #
41)	L9 AR-1268-1	8.707	0.000	108418	0	0.322	N.D. #
42)	L9 AR-1268-2	8.801	0.000	494700	0	1.537	N.D. #

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 Quant Title : GC EXTRACTABLES
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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	
43)	L9 AR-1268-3	9.035	0.000	66198	0	0.233	N.D.	#
44)	L9 AR-1268-4	9.474	0.000	701535	0	7.256	N.D.	#
45)	L9 AR-1268-5	9.899	0.000	48262	0	0.057	N.D.	#

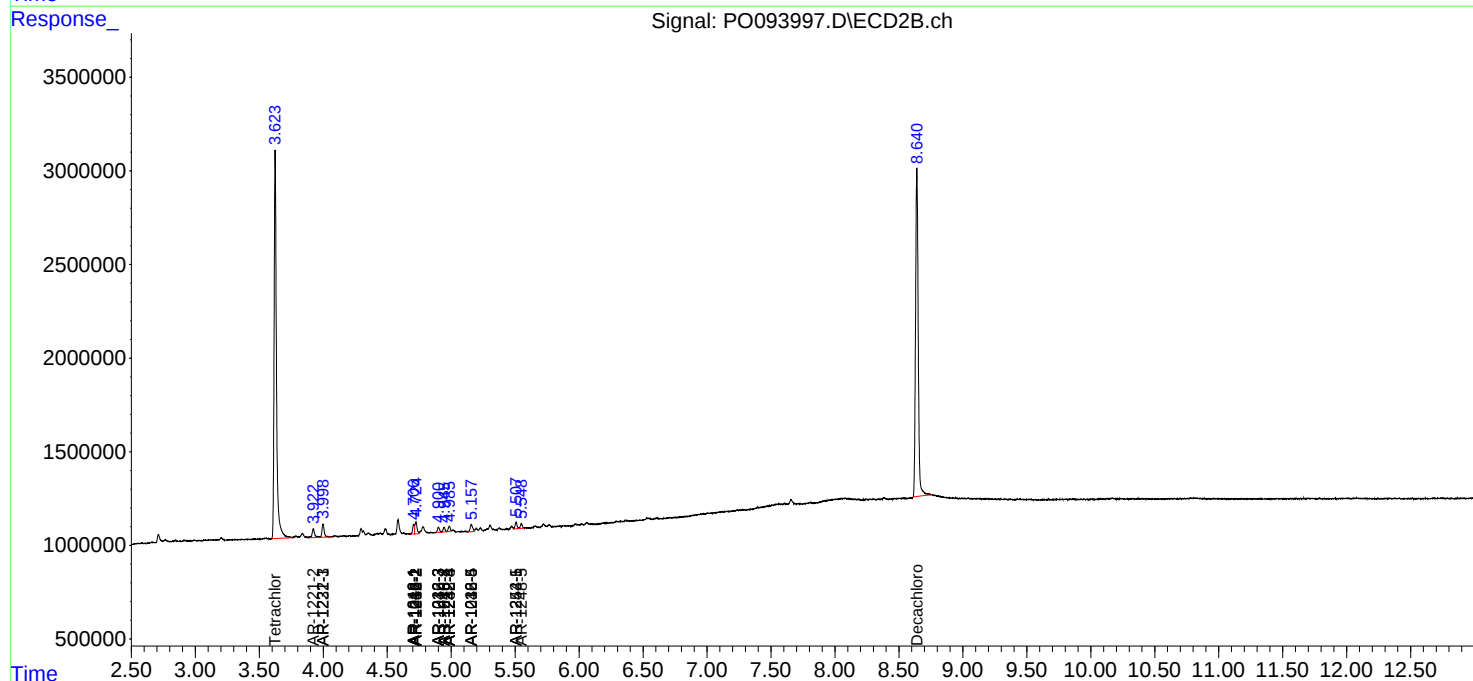
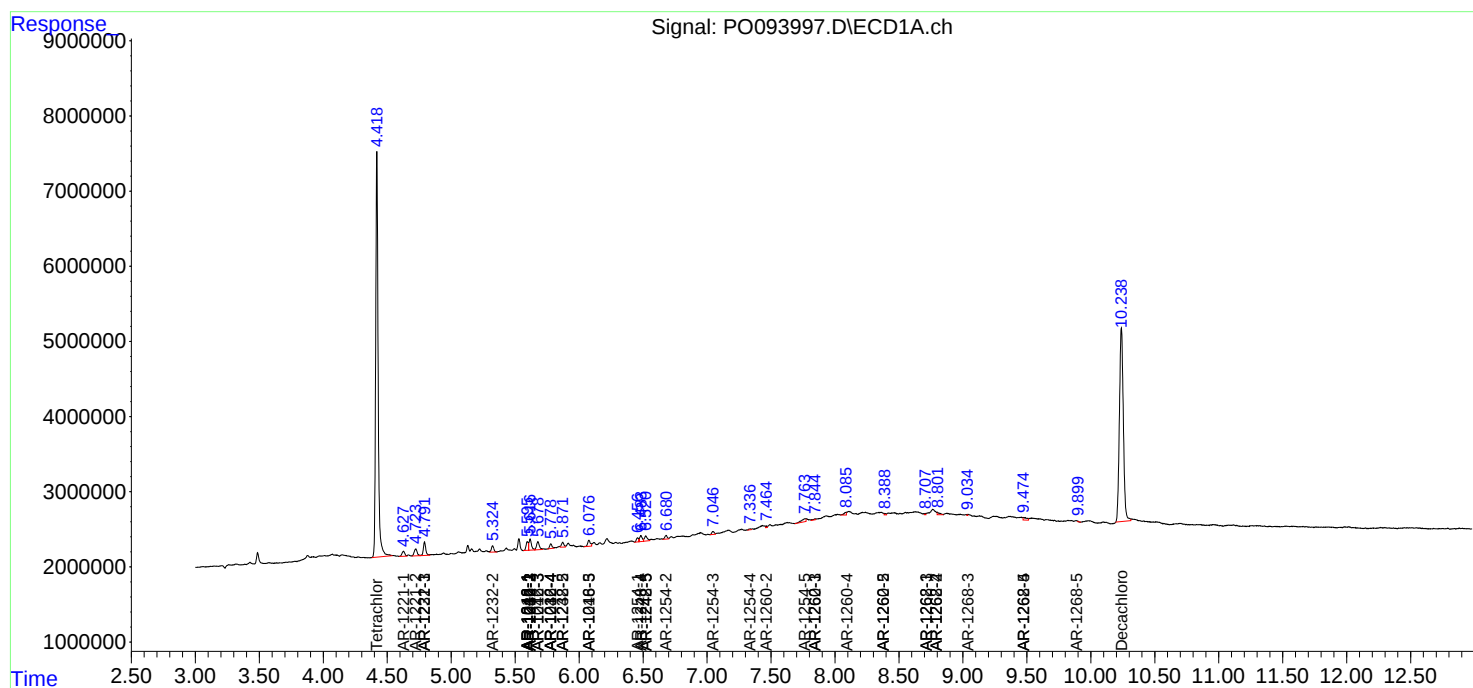
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

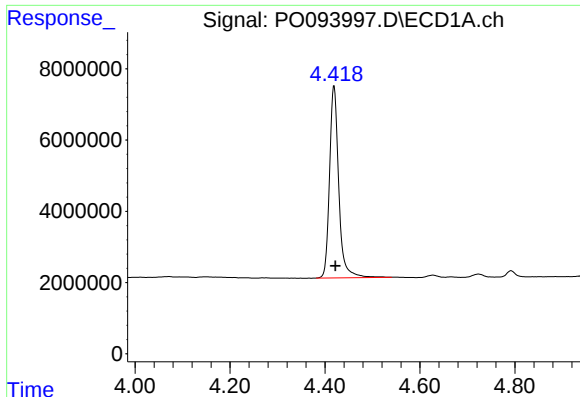
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040723\
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Integrator: ChemStation

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

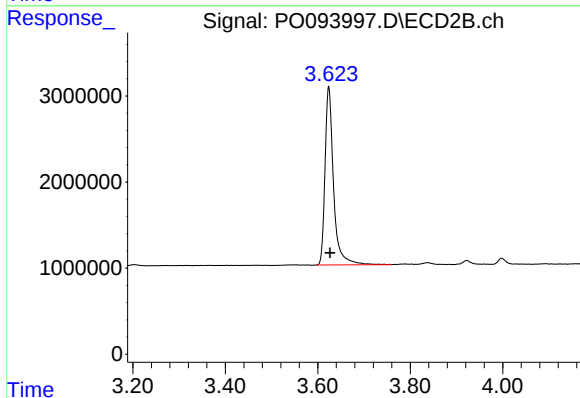




#1 Tetrachloro-m-xylene

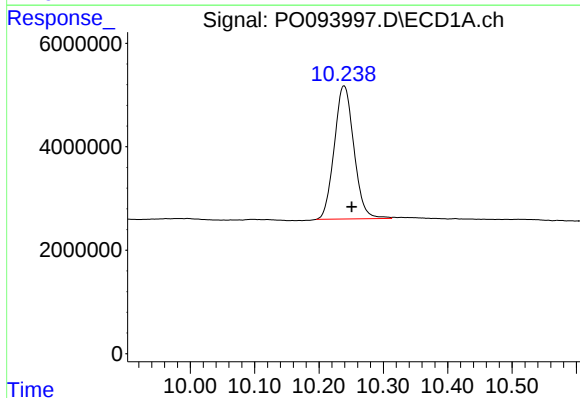
R.T.: 4.419 min
Delta R.T.: -0.003 min
Response: 72169058
Conc: 19.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



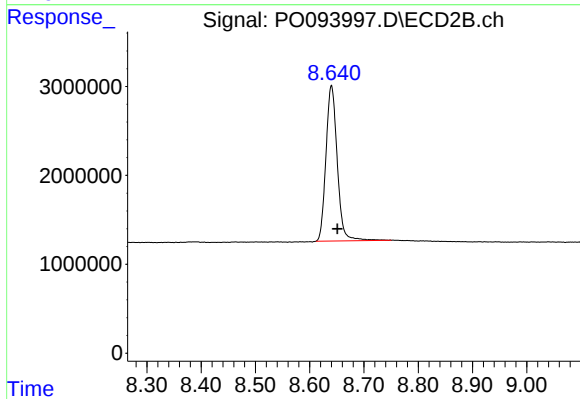
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 26560752
Conc: 20.86 ng/ml



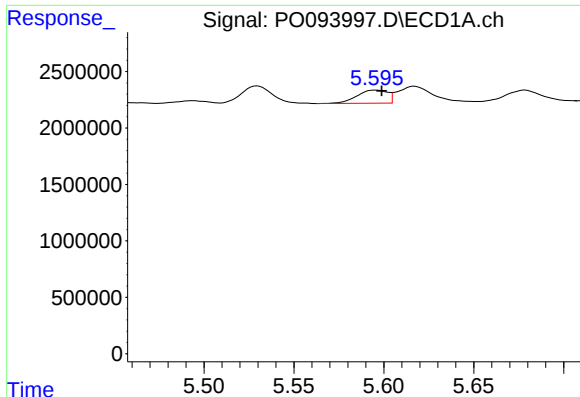
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: -0.012 min
Response: 54578520
Conc: 24.40 ng/ml



#2 Decachlorobiphenyl

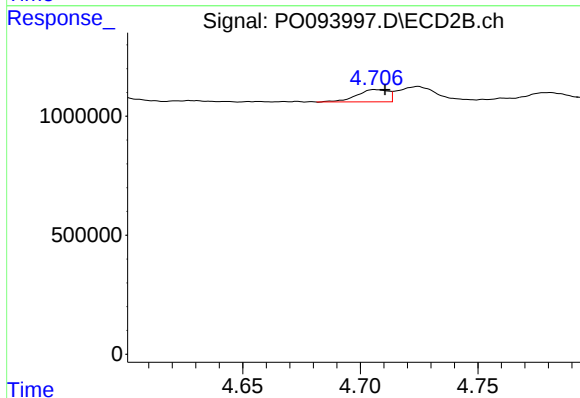
R.T.: 8.640 min
Delta R.T.: -0.011 min
Response: 25281742
Conc: 25.29 ng/ml



#3 AR-1016-1

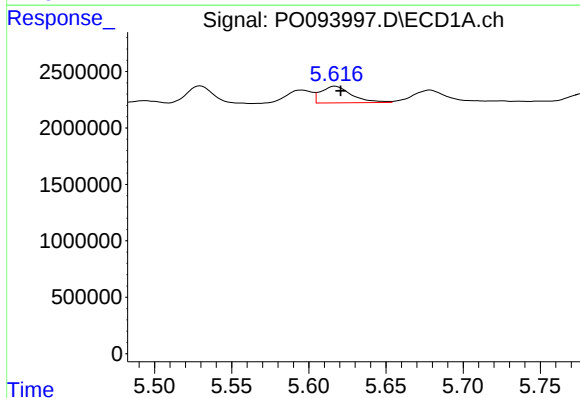
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 1365847
Conc: 13.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



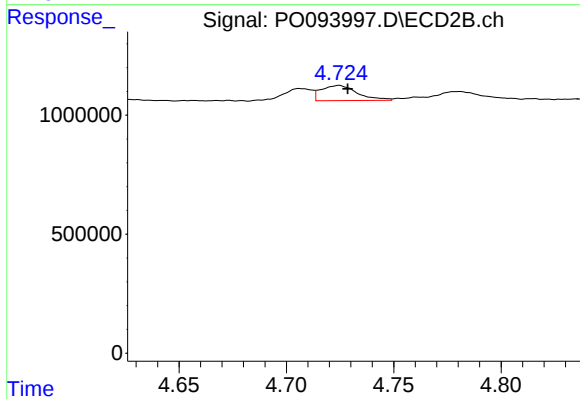
#3 AR-1016-1

R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 481038
Conc: 13.56 ng/ml



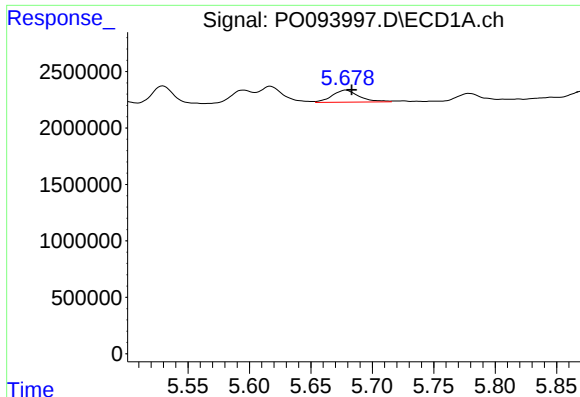
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: -0.004 min
Response: 2052123
Conc: 13.17 ng/ml



#4 AR-1016-2

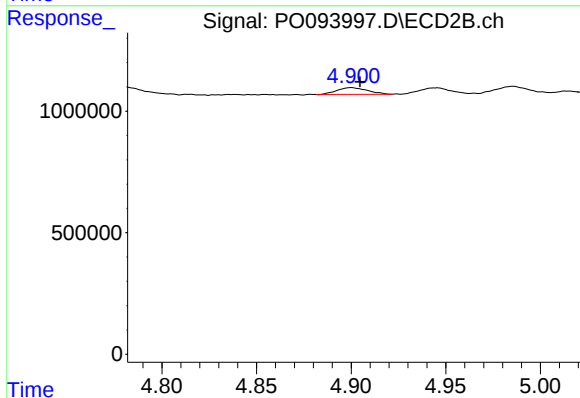
R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 749890
Conc: 13.88 ng/ml



#5 AR-1016-3

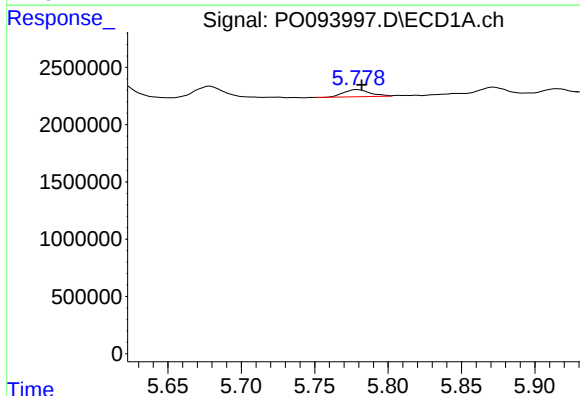
R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 1647932
Conc: 16.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



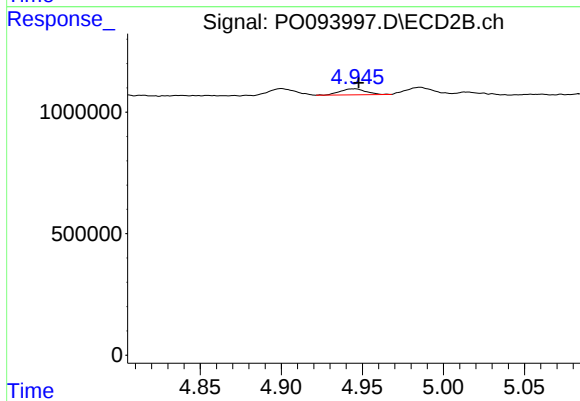
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 305844
Conc: 10.79 ng/ml



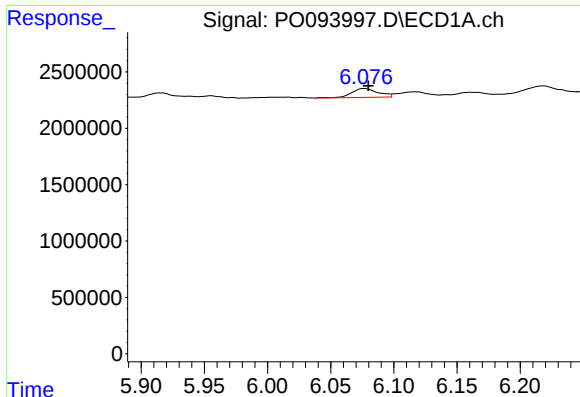
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 764439
Conc: 10.40 ng/ml



#6 AR-1016-4

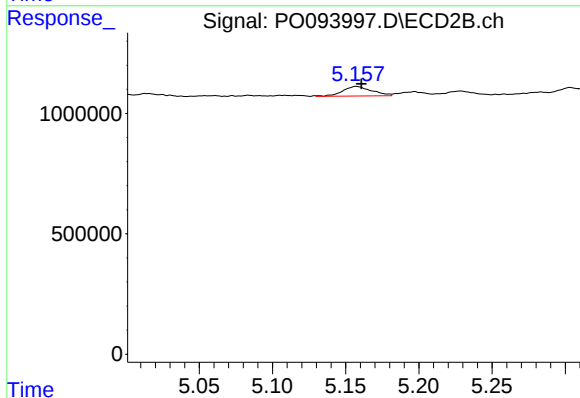
R.T.: 4.945 min
Delta R.T.: -0.003 min
Response: 270660
Conc: 10.25 ng/ml



#7 AR-1016-5

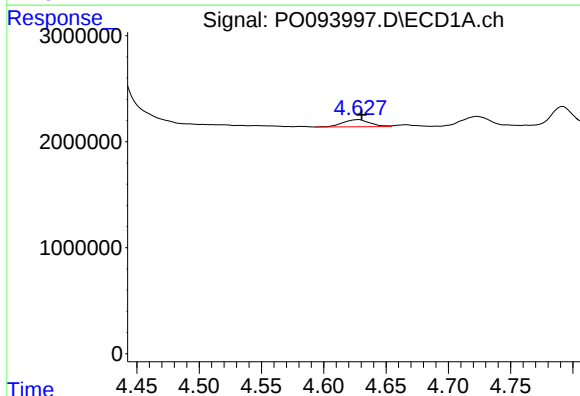
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 1154994
Conc: 13.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



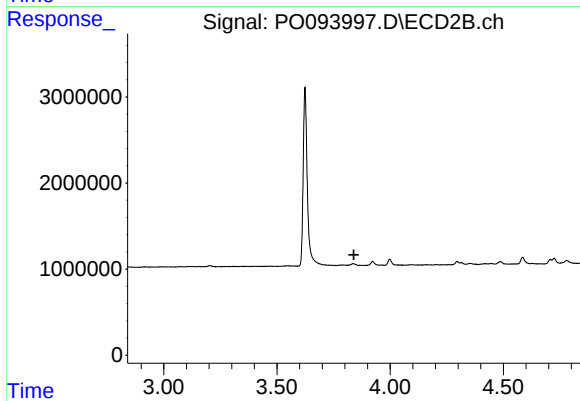
#7 AR-1016-5

R.T.: 5.157 min
Delta R.T.: -0.003 min
Response: 542238
Conc: 16.57 ng/ml



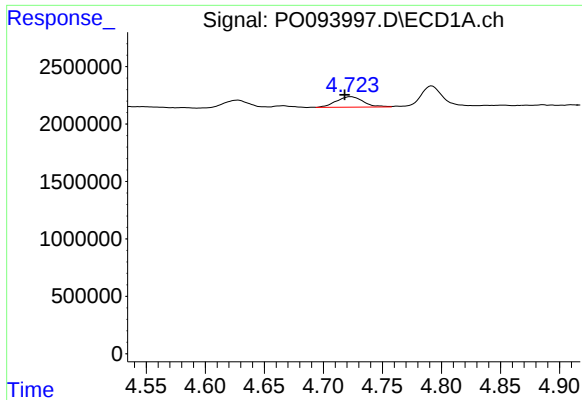
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: -0.003 min
Response: 1028907
Conc: 22.31 ng/ml



#8 AR-1221-1

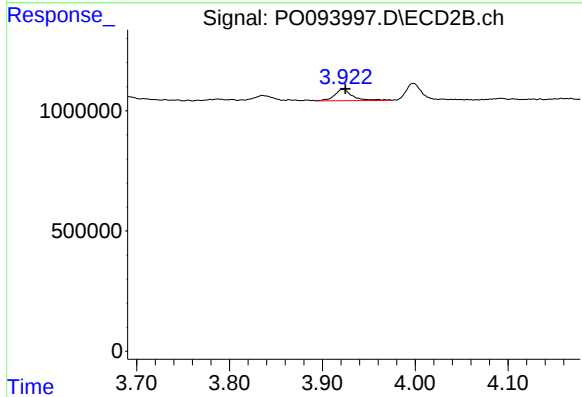
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

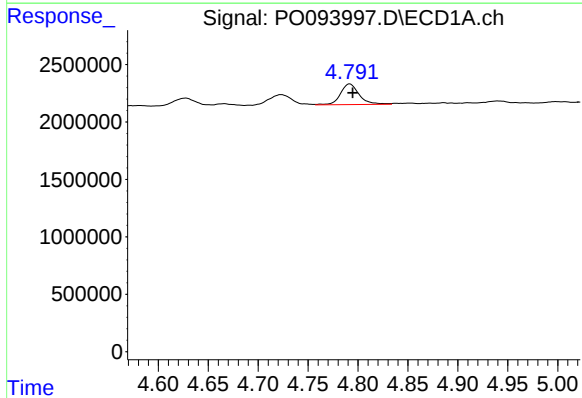
R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 1473112
Conc: 42.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



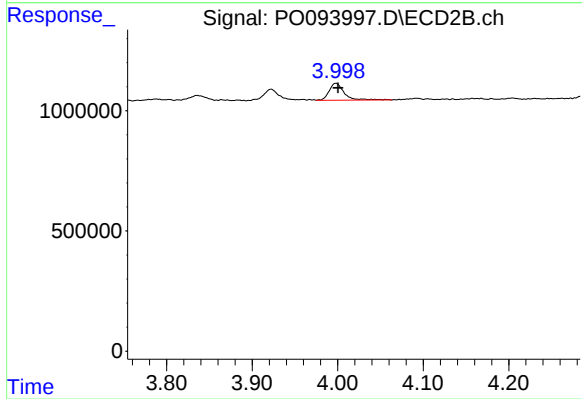
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.002 min
Response: 649572
Conc: 55.04 ng/ml



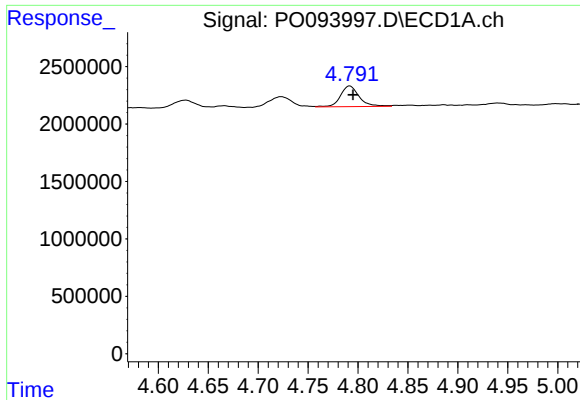
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 2353405
Conc: 22.47 ng/ml



#10 AR-1221-3

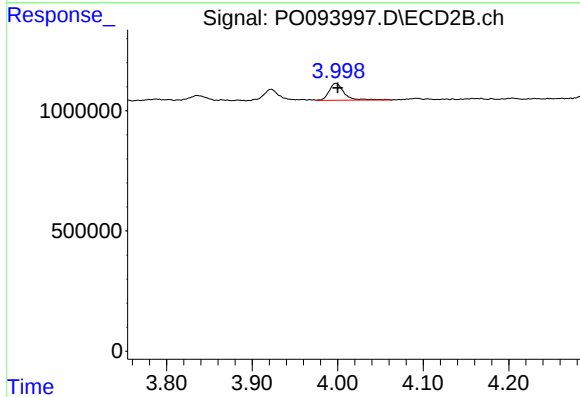
R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 874660
Conc: 23.74 ng/ml



#11 AR-1232-1

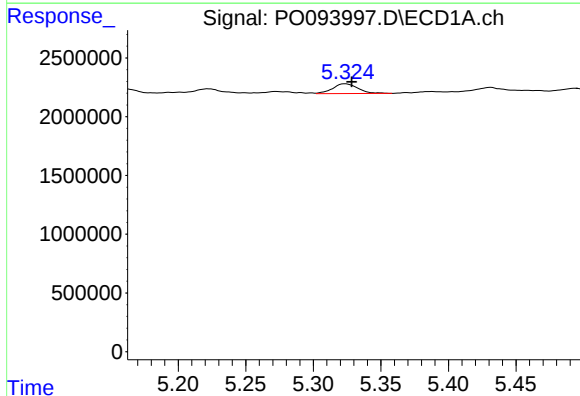
R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 2353405
Conc: 26.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



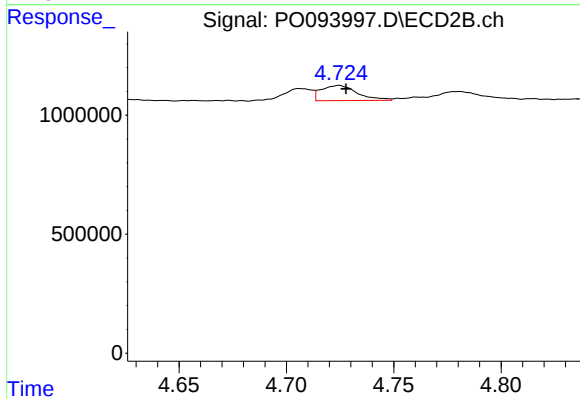
#11 AR-1232-1

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 874660
Conc: 28.00 ng/ml



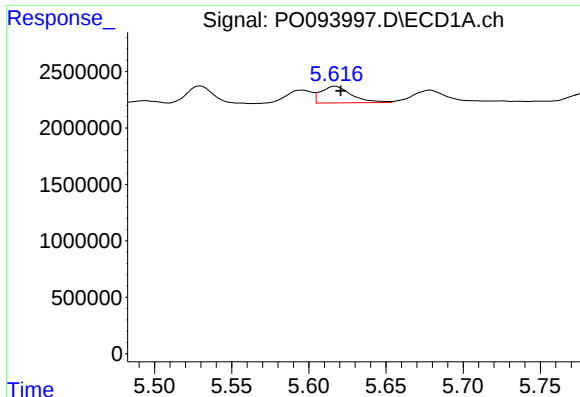
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: -0.005 min
Response: 1087659
Conc: 25.43 ng/ml



#12 AR-1232-2

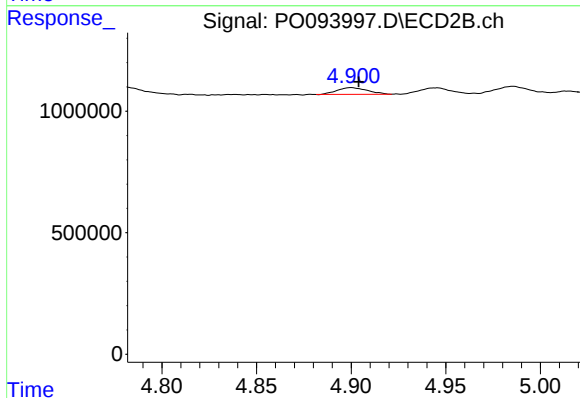
R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 749890
Conc: 28.33 ng/ml



#13 AR-1232-3

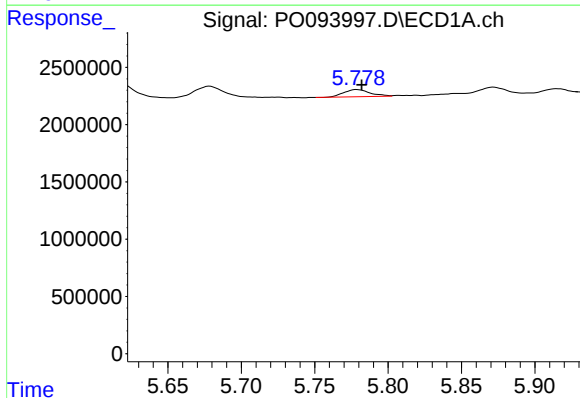
R.T.: 5.617 min
Delta R.T.: -0.004 min
Response: 2052123
Conc: 27.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



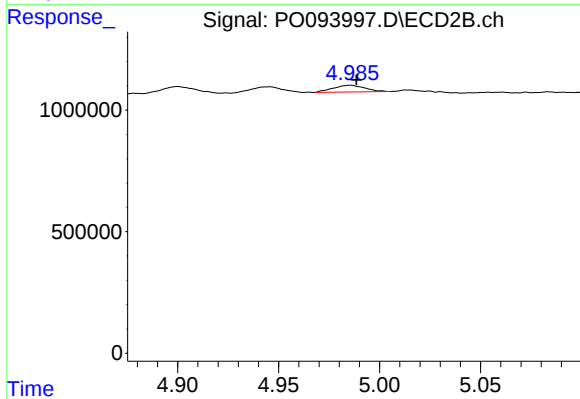
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 305844
Conc: 23.19 ng/ml



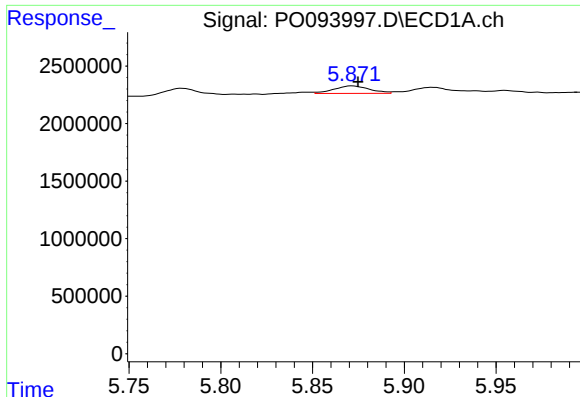
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 764439
Conc: 22.21 ng/ml



#14 AR-1232-4

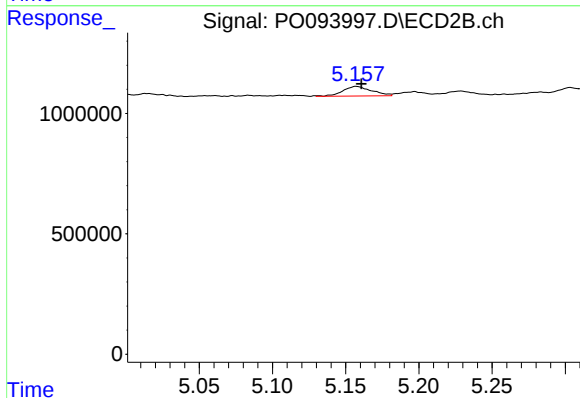
R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 301838
Conc: 21.24 ng/ml



#15 AR-1232-5

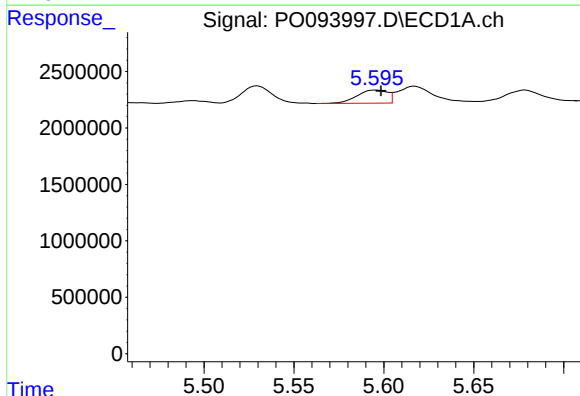
R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 870377
Conc: 27.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



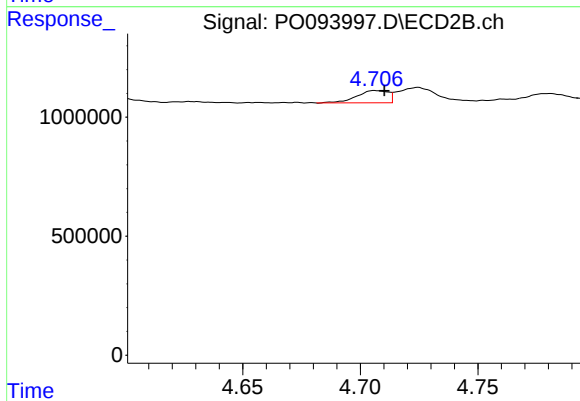
#15 AR-1232-5

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 542238
Conc: 35.10 ng/ml



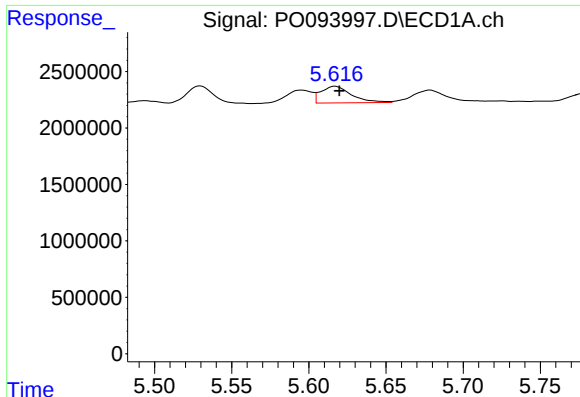
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: -0.003 min
Response: 1365847
Conc: 15.65 ng/ml



#16 AR-1242-1

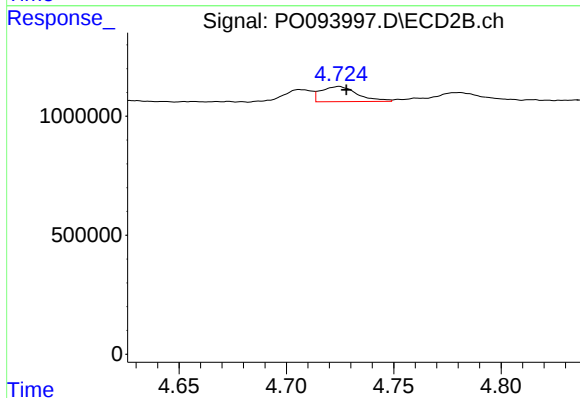
R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 481038
Conc: 15.63 ng/ml



#17 AR-1242-2

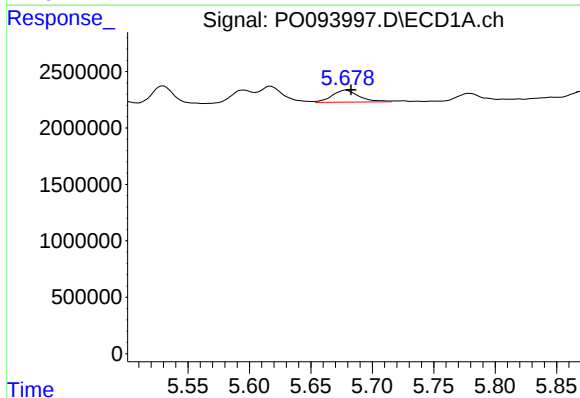
R.T.: 5.617 min
Delta R.T.: -0.003 min
Response: 2052123
Conc: 15.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



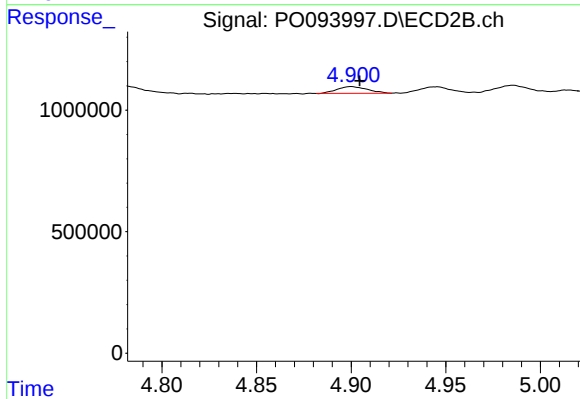
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 749890
Conc: 16.30 ng/ml



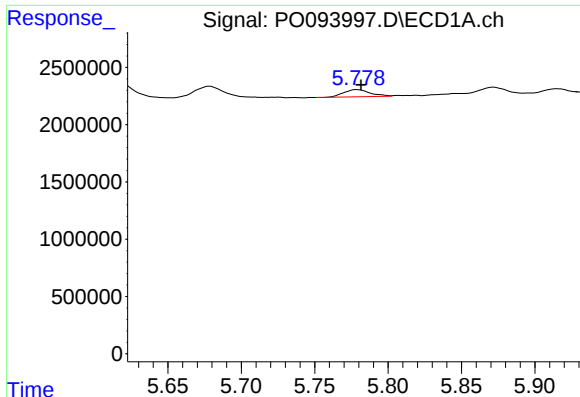
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 1647932
Conc: 19.41 ng/ml



#18 AR-1242-3

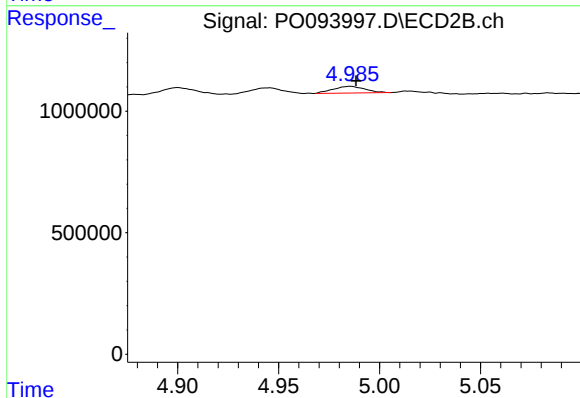
R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 305844
Conc: 12.62 ng/ml



#19 AR-1242-4

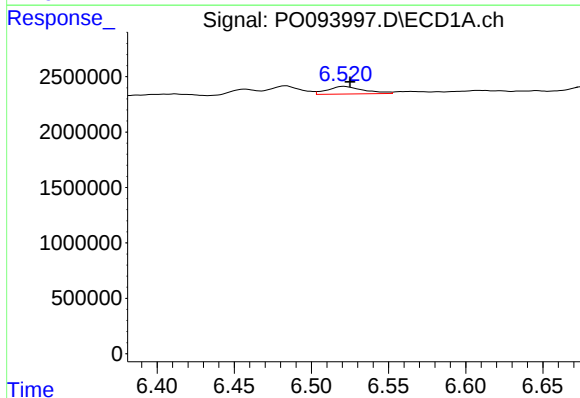
R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 764439
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



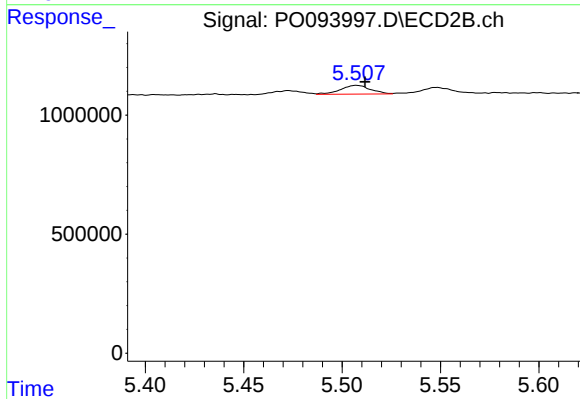
#19 AR-1242-4

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 301838
Conc: 10.75 ng/ml



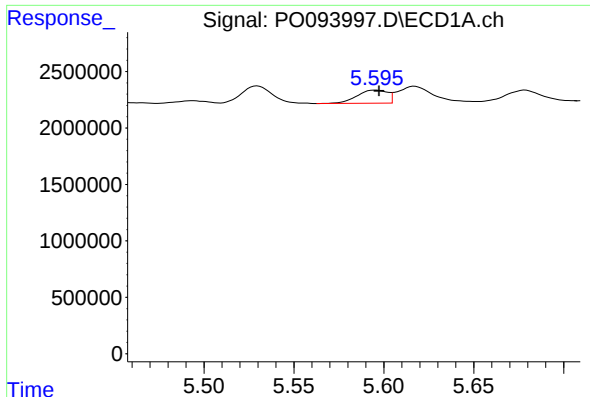
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 1122062
Conc: 16.67 ng/ml



#20 AR-1242-5

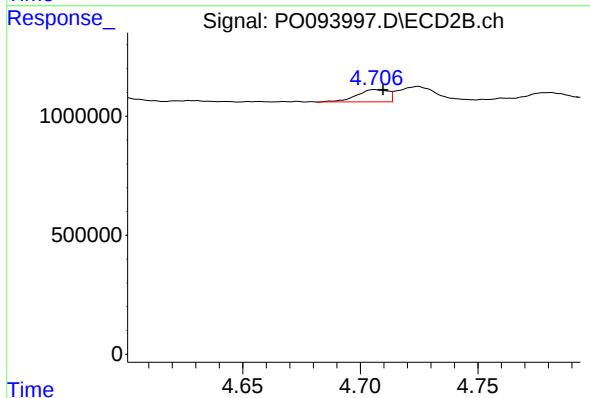
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 385331
Conc: 13.52 ng/ml



#21 AR-1248-1

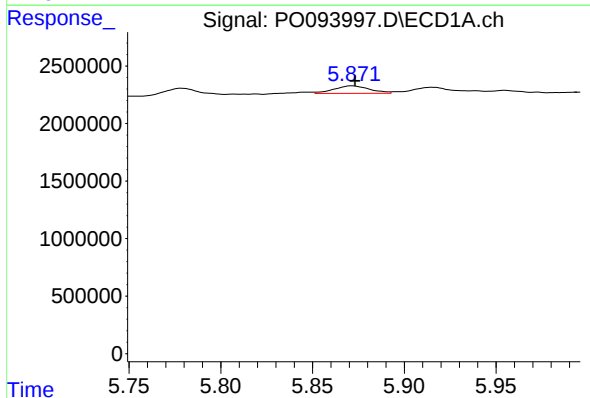
R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 1365847
Conc: 20.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



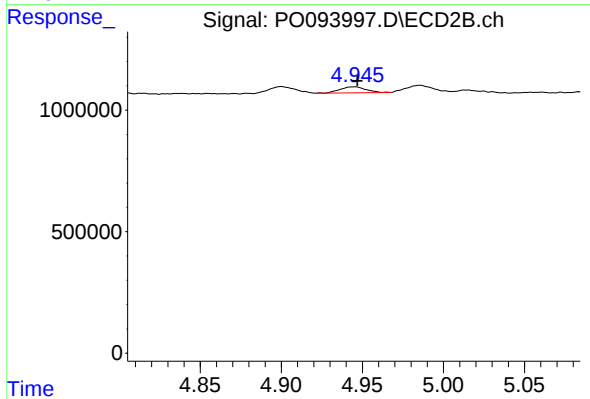
#21 AR-1248-1

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 481038
Conc: 20.17 ng/ml



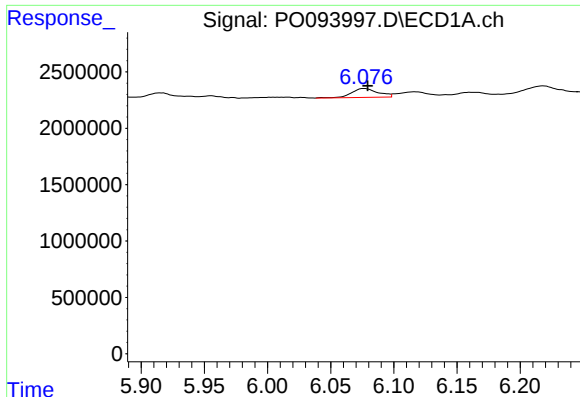
#22 AR-1248-2

R.T.: 5.872 min
Delta R.T.: -0.001 min
Response: 870377
Conc: 7.96 ng/ml



#22 AR-1248-2

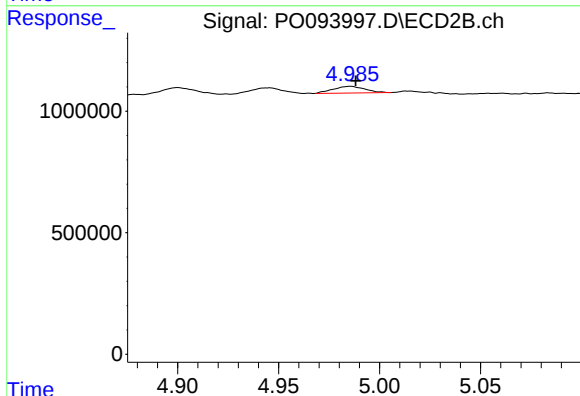
R.T.: 4.945 min
Delta R.T.: -0.002 min
Response: 270660
Conc: 6.79 ng/ml



#23 AR-1248-3

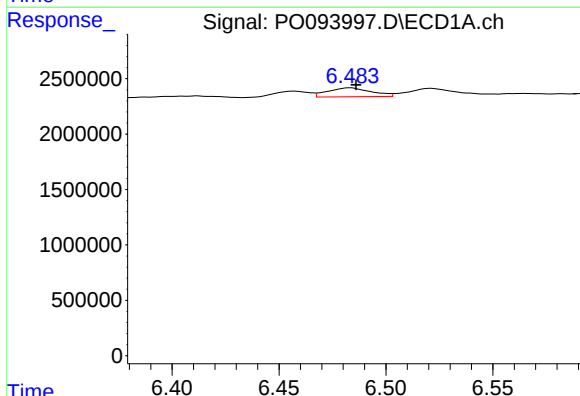
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 1154994
Conc: 9.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



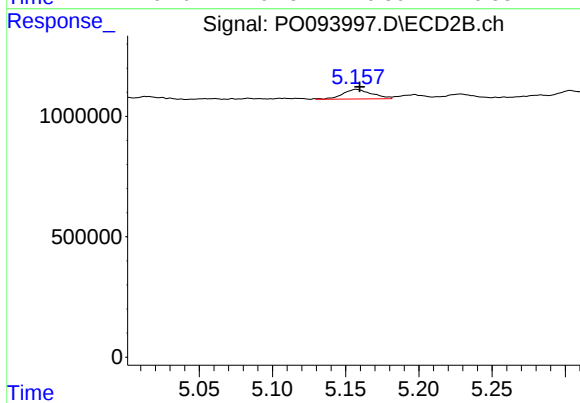
#23 AR-1248-3

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 301838
Conc: 7.23 ng/ml



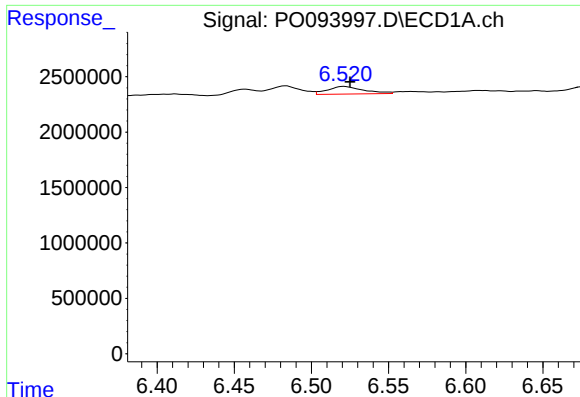
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 1140188
Conc: 10.62 ng/ml



#24 AR-1248-4

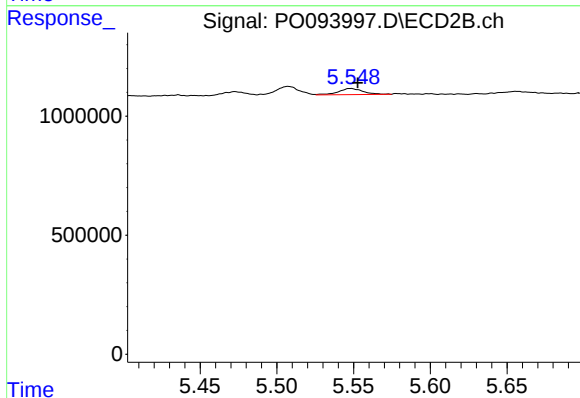
R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 542238
Conc: 11.53 ng/ml



#25 AR-1248-5

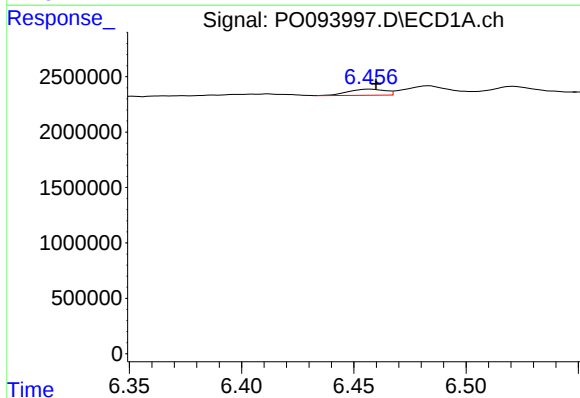
R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 1122062
Conc: 9.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



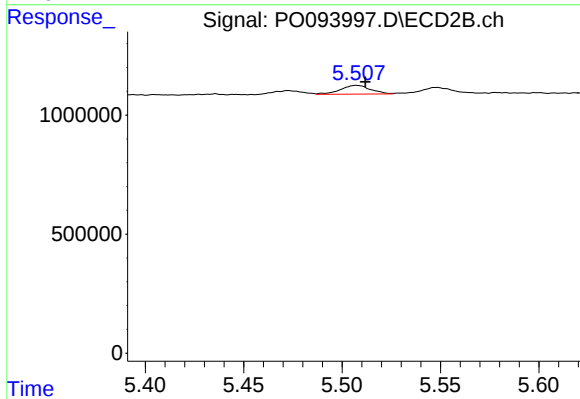
#25 AR-1248-5

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 280837
Conc: 7.52 ng/ml



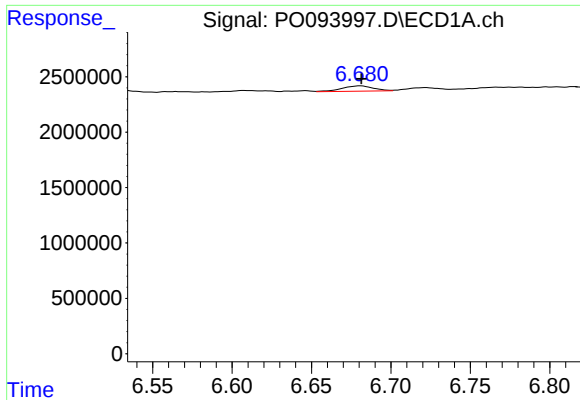
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 636222
Conc: 4.69 ng/ml



#26 AR-1254-1

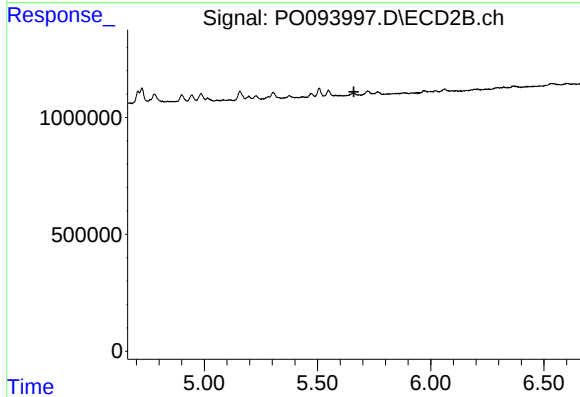
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 385331
Conc: 5.64 ng/ml



#27 AR-1254-2

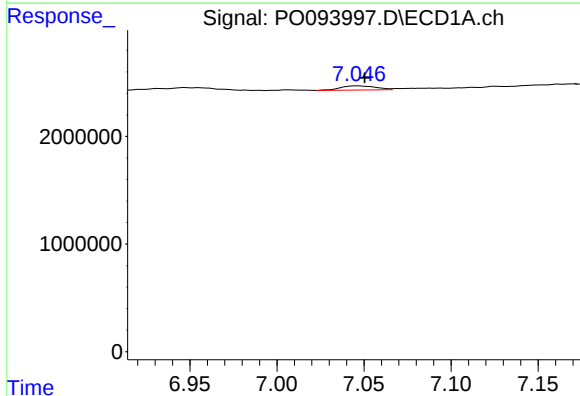
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 667136
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



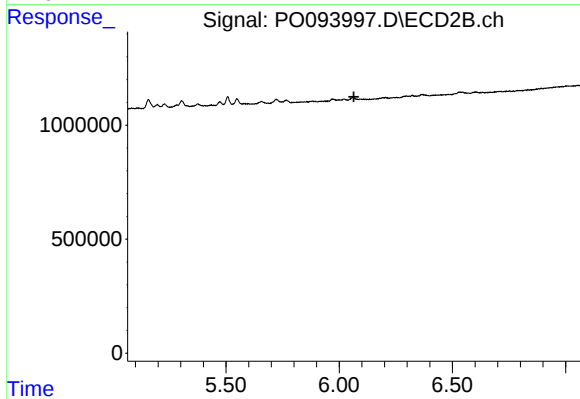
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



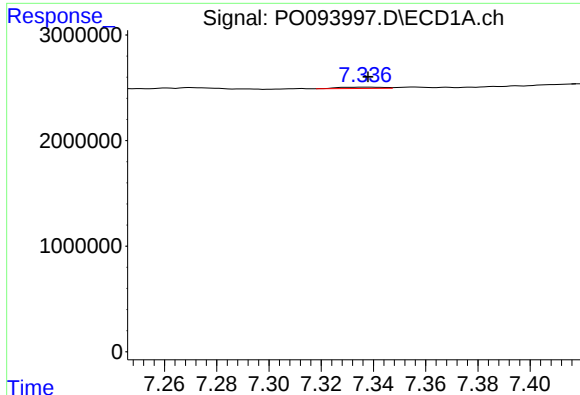
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 554330
Conc: 3.00 ng/ml



#28 AR-1254-3

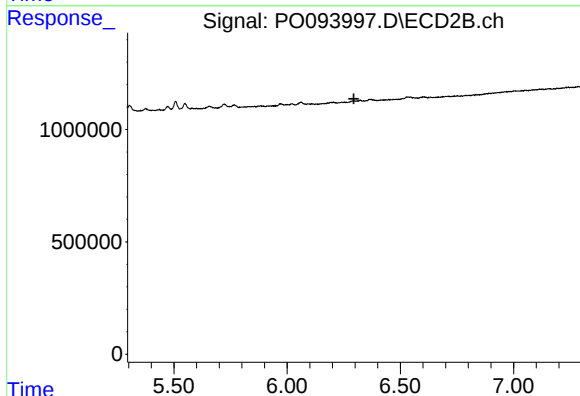
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

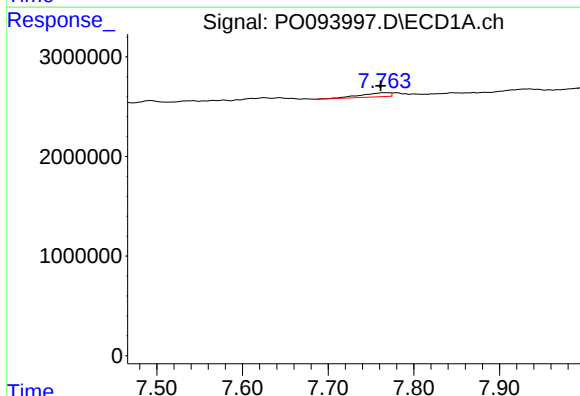
R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 147411
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



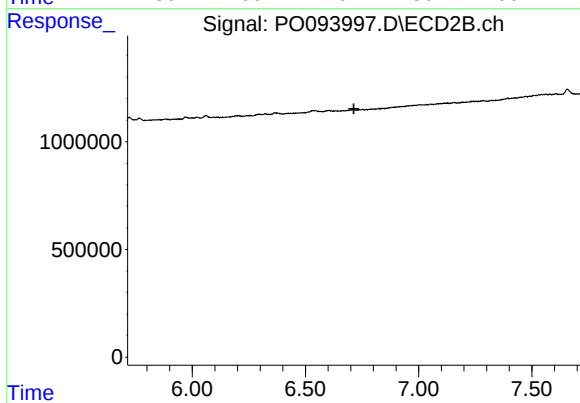
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.



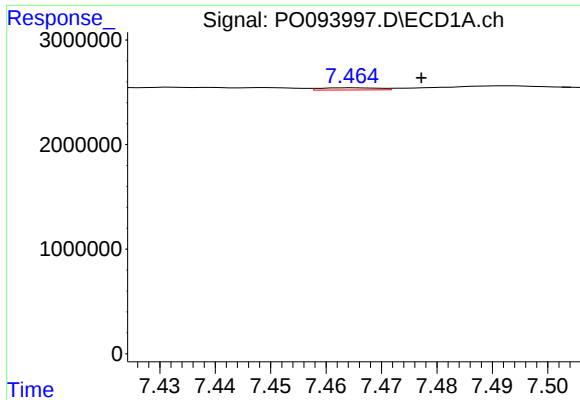
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 984681
Conc: 7.26 ng/ml



#30 AR-1254-5

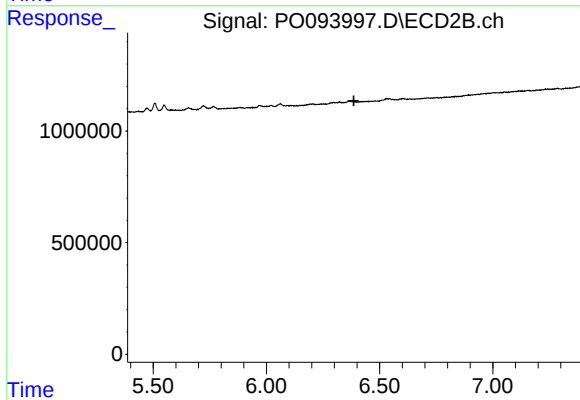
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#32 AR-1260-2

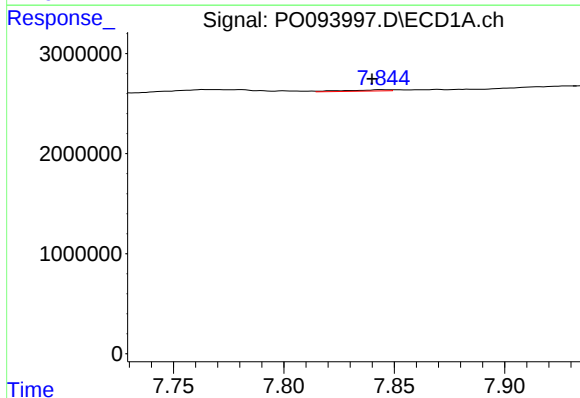
R.T.: 7.465 min
Delta R.T.: -0.012 min
Response: 150266
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



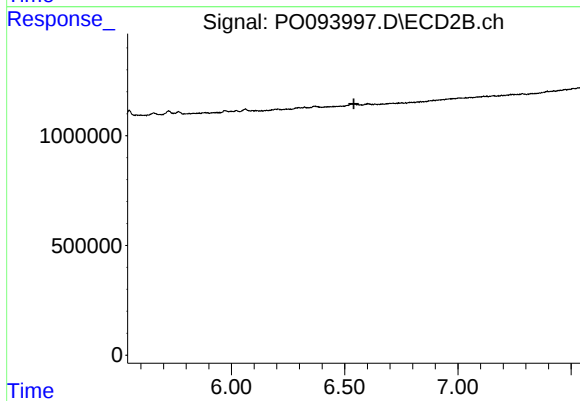
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



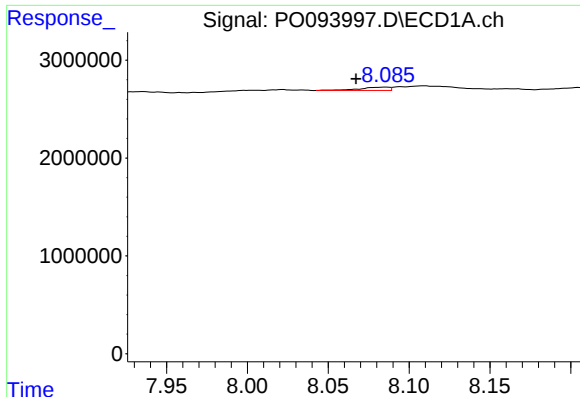
#33 AR-1260-3

R.T.: 7.845 min
Delta R.T.: 0.005 min
Response: 184969
Conc: 1.39 ng/ml



#33 AR-1260-3

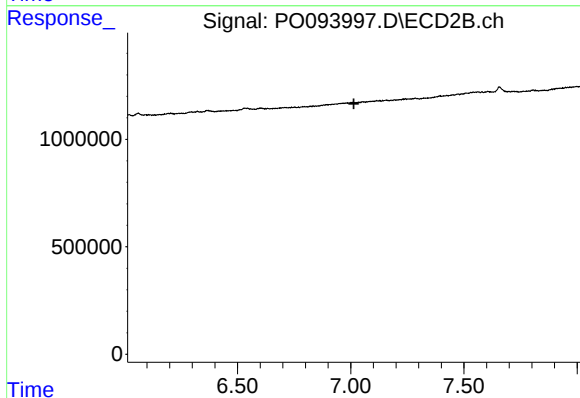
R.T.: 0.000 min
Exp R.T. : 6.540 min
Response: 0
Conc: N.D.



#34 AR-1260-4

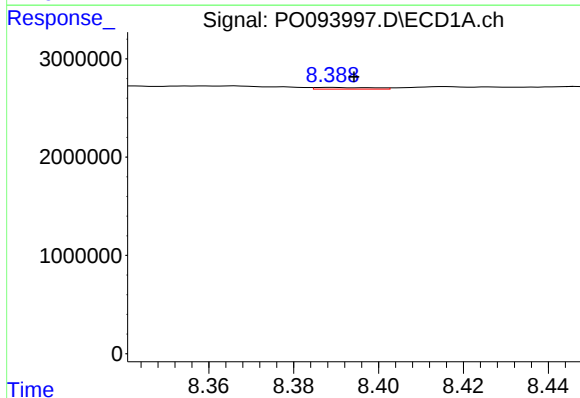
R.T.: 8.086 min
Delta R.T.: 0.018 min
Response: 433432
Conc: 3.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



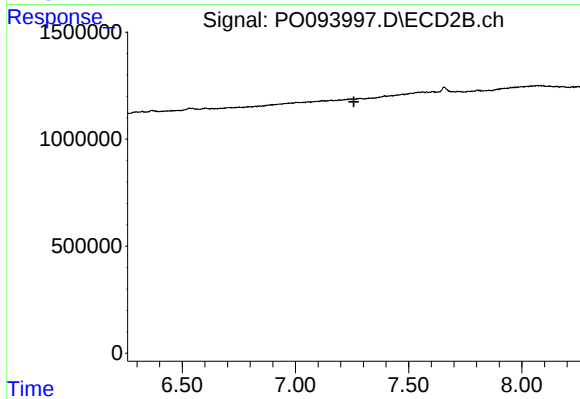
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



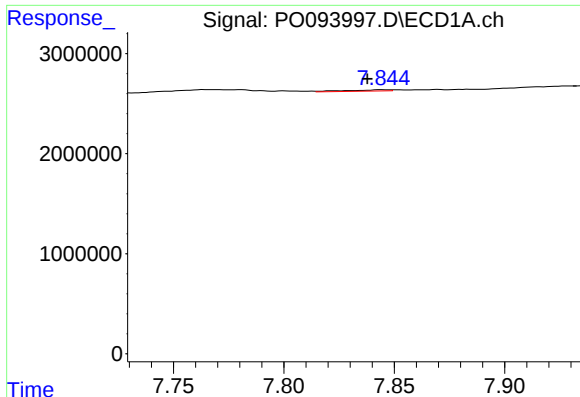
#35 AR-1260-5

R.T.: 8.389 min
Delta R.T.: -0.006 min
Response: 167203
Conc: 0.77 ng/ml



#35 AR-1260-5

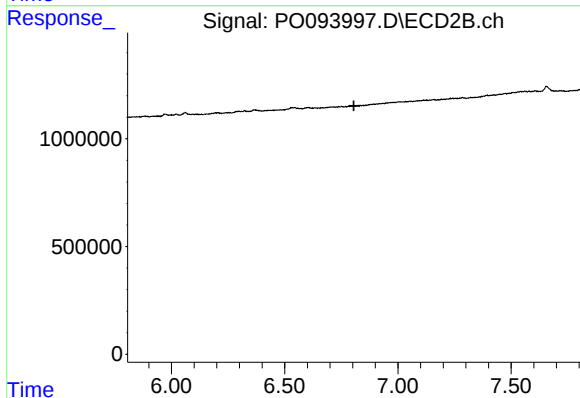
R.T.: 0.000 min
Exp R.T. : 7.258 min
Response: 0
Conc: N.D.



#36 AR-1262-1

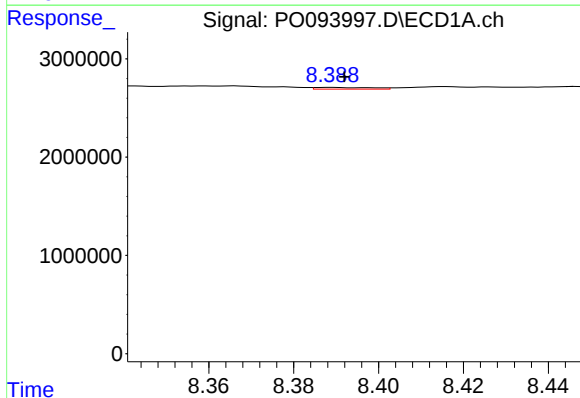
R.T.: 7.845 min
Delta R.T.: 0.007 min
Response: 184969
Conc: 1.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



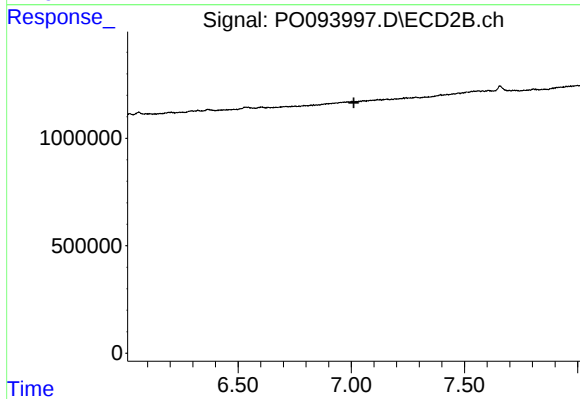
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



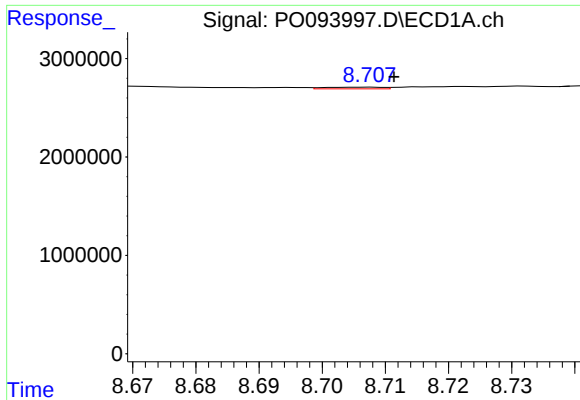
#37 AR-1262-2

R.T.: 8.389 min
Delta R.T.: -0.003 min
Response: 167203
Conc: 0.72 ng/ml



#37 AR-1262-2

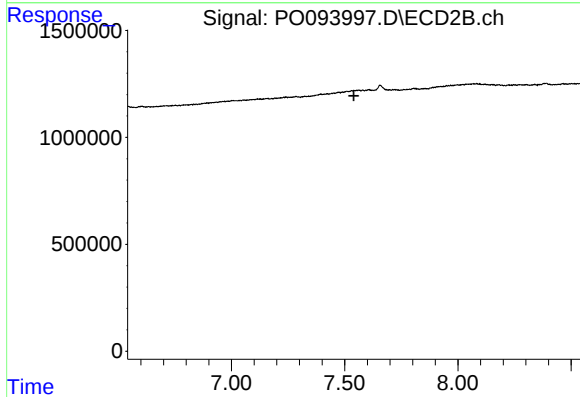
R.T.: 0.000 min
Exp R.T. : 7.012 min
Response: 0
Conc: N.D.



#38 AR-1262-3

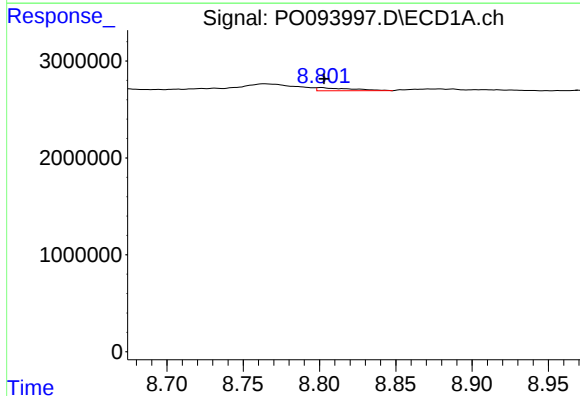
R.T.: 8.707 min
Delta R.T.: -0.004 min
Response: 108418
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



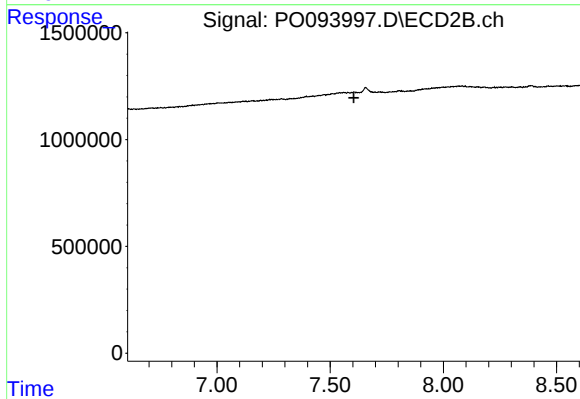
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



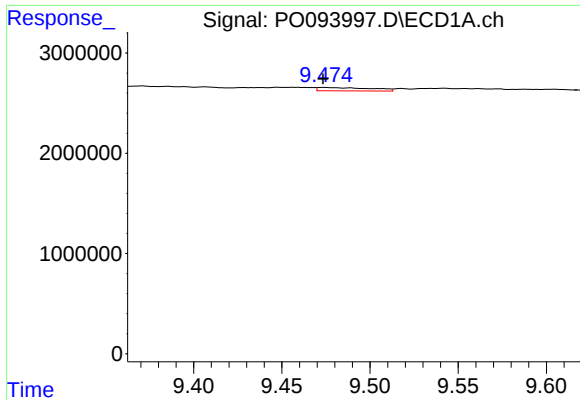
#39 AR-1262-4

R.T.: 8.801 min
Delta R.T.: -0.002 min
Response: 494700
Conc: 4.94 ng/ml



#39 AR-1262-4

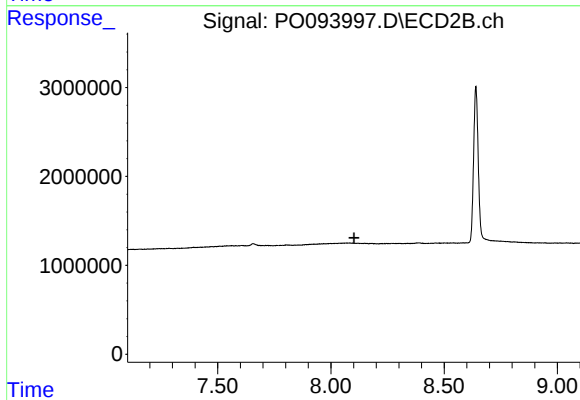
R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



#40 AR-1262-5

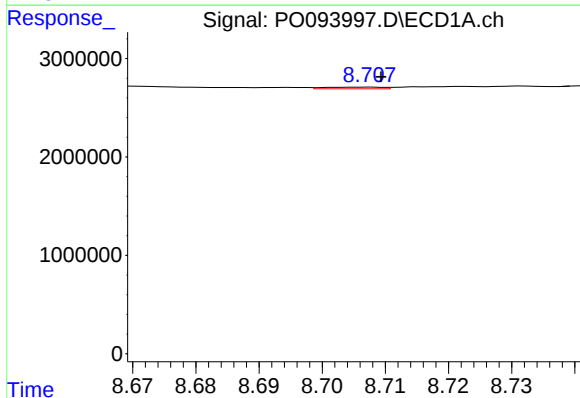
R.T.: 9.474 min
Delta R.T.: 0.000 min
Response: 701535
Conc: 8.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



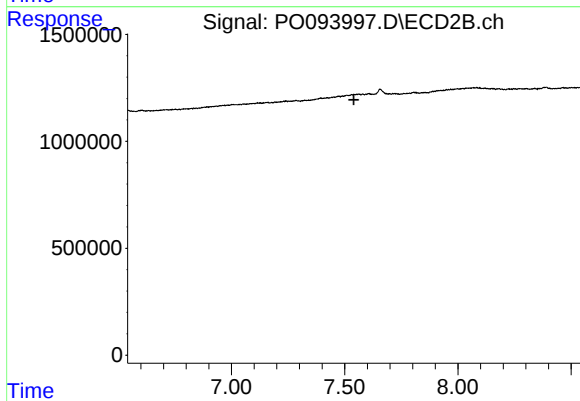
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



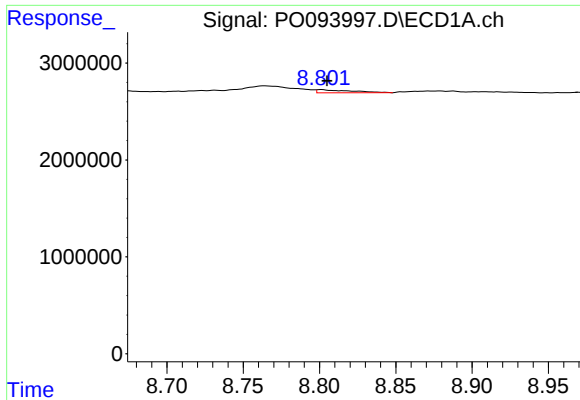
#41 AR-1268-1

R.T.: 8.707 min
Delta R.T.: -0.002 min
Response: 108418
Conc: 0.32 ng/ml



#41 AR-1268-1

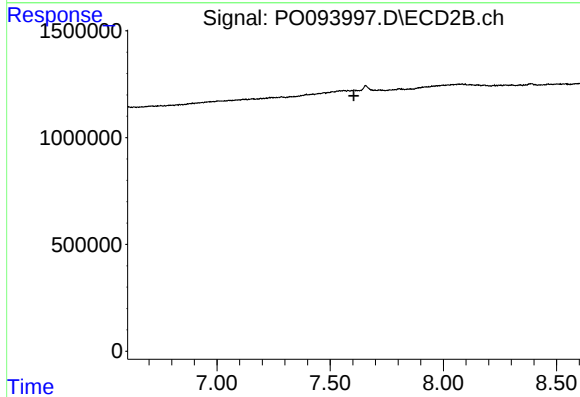
R.T.: 0.000 min
Exp R.T. : 7.540 min
Response: 0
Conc: N.D.



#42 AR-1268-2

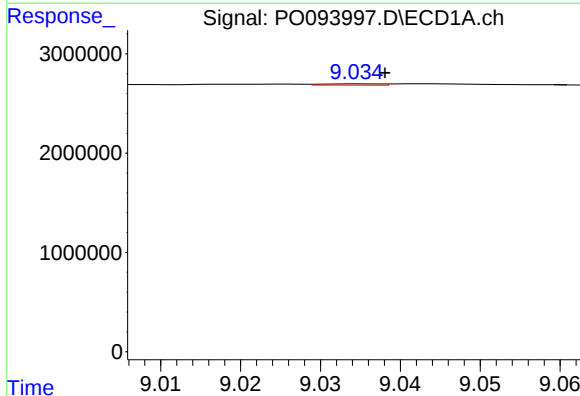
R.T.: 8.801 min
Delta R.T.: -0.004 min
Response: 494700
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



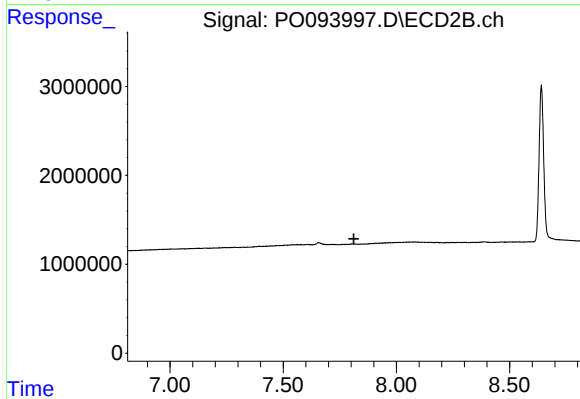
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



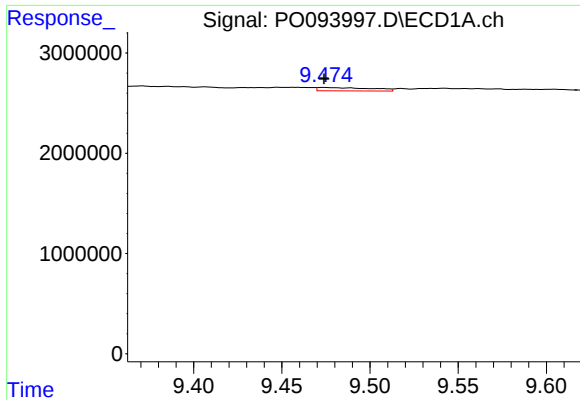
#43 AR-1268-3

R.T.: 9.035 min
Delta R.T.: -0.003 min
Response: 66198
Conc: 0.23 ng/ml



#43 AR-1268-3

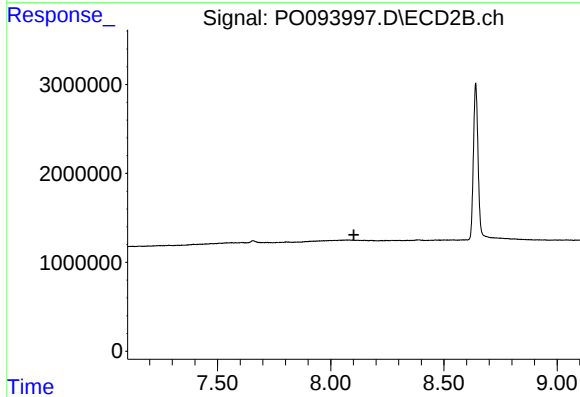
R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



#44 AR-1268-4

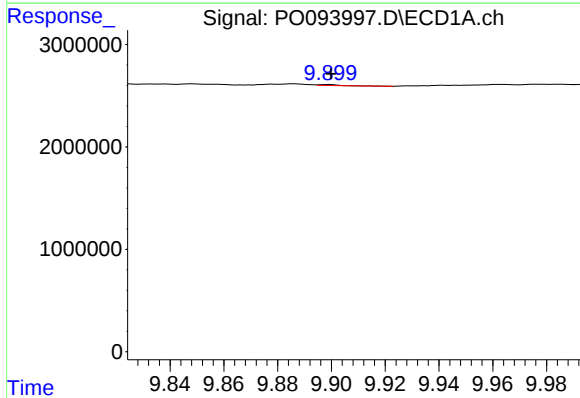
R.T.: 9.474 min
Delta R.T.: 0.000 min
Response: 701535
Conc: 7.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



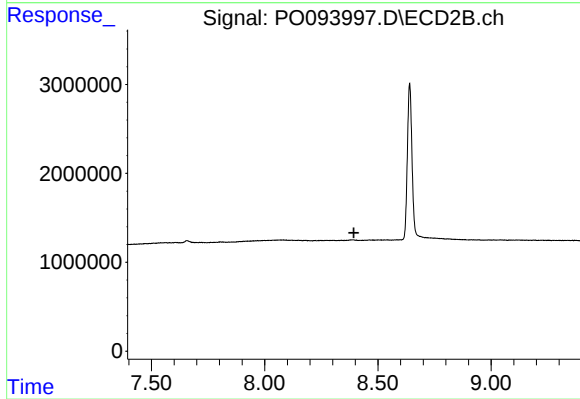
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.899 min
Delta R.T.: 0.000 min
Response: 48262
Conc: 0.06 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.