

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082119\
 Data File : P0059627.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Aug 2019 2:39
 Operator : SM/AJ
 Sample : K4449-09 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MIXING-BOX-1-082019-99

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 04:07:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.130	3.501	185407	168080	5.295	4.669
2)	SA Decachlor...	9.661	8.366	1860	121557	0.035	3.015 #
Target Compounds							
3)	L1 AR-1016-1	5.299	0.000	1963	0	1.224	N.D. #
4)	L1 AR-1016-2	5.299	0.000	1963	0	0.820	N.D. #
5)	L1 AR-1016-3	5.379	4.784	817	12127	0.548	11.209 #
6)	L1 AR-1016-4	5.508	4.784	1476	12127	1.220	13.430 #
7)	L1 AR-1016-5	5.771	0.000	1034	0	0.805	N.D. #
8)	L2 AR-1221-1	4.377	0.000	1118	0	2.640	N.D. #
9)	L2 AR-1221-2	4.466	3.833	1605	11219	4.941	36.830 #
10)	L2 AR-1221-3	4.513	3.833	1334	11219	1.268	11.467 #
11)	L3 AR-1232-1	4.513	3.833	1334	11219	1.070	9.840 #
12)	L3 AR-1232-2	5.046	0.000	752	0	1.065	N.D. #
13)	L3 AR-1232-3	5.299	4.784	1963	12127	1.282	17.810 #
14)	L3 AR-1232-4	5.508	4.784	1476	12127	1.888	19.879 #
15)	L3 AR-1232-5	5.581	0.000	3697	0	6.149	N.D. #
16)	L4 AR-1242-1	5.299	0.000	1963	0	1.546	N.D. #
17)	L4 AR-1242-2	5.299	0.000	1963	0	1.058	N.D. #
18)	L4 AR-1242-3	5.379	4.784	817	12127	0.699	14.515 #
19)	L4 AR-1242-4	5.508	4.784	1476	12127	1.525	14.534 #
20)	L4 AR-1242-5	6.151	5.358	1275	21896	1.015	19.574 #
21)	L5 AR-1248-1	5.299	0.000	1963	0	1.958	N.D. #
22)	L5 AR-1248-2	5.581	4.784	3697	12127	2.548	10.517 #
23)	L5 AR-1248-3	5.771	4.784	1034	12127	0.622	10.210 #
24)	L5 AR-1248-4	6.151	0.000	1275	0	0.624	N.D. #
25)	L5 AR-1248-5	6.151	5.358	1275	21896	0.643	15.298 #
26)	L6 AR-1254-1	6.151	5.358	1275	21896	0.611	9.232 #
27)	L6 AR-1254-2	6.389	0.000	7662	0	2.296	N.D. #
28)	L6 AR-1254-3	6.732	0.000	9453	0	2.664	N.D. #
29)	L6 AR-1254-4	6.991	0.000	13758	0	4.671	N.D. #
30)	L6 AR-1254-5	7.433	6.533	8344	14832	2.698	4.777 #
31)	L7 AR-1260-1	6.899	6.000	13474	67864	4.998	29.779 #
32)	L7 AR-1260-2	7.121	6.187	13812	35631	3.723	12.161 #
33)	L7 AR-1260-3	7.475	6.334	18490	7619	5.644	2.876 #
34)	L7 AR-1260-4	0.000	6.801	0	7108	N.D.	3.141 #
35)	L7 AR-1260-5	8.016	7.038	25359	12993	3.581	2.361 #
36)	L8 AR-1262-1	7.475	6.533	18490	14832	3.810	3.979
37)	L8 AR-1262-2	8.016	7.038	25359	12993	3.287	2.210 #
40)	L8 AR-1262-5	8.992	0.000	16050	0	6.254	N.D. #
43)	L9 AR-1268-3	8.585	0.000	170510	0	24.190	N.D. #
44)	L9 AR-1268-4	8.992	0.000	16050	0	5.773	N.D. #
45)	L9 AR-1268-5	9.351	8.143	18145	2831	0.984	0.195 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082119\
Data File : P0059627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Aug 2019 2:39
Operator : SM/AJ
Sample : K4449-09 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 04:07:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

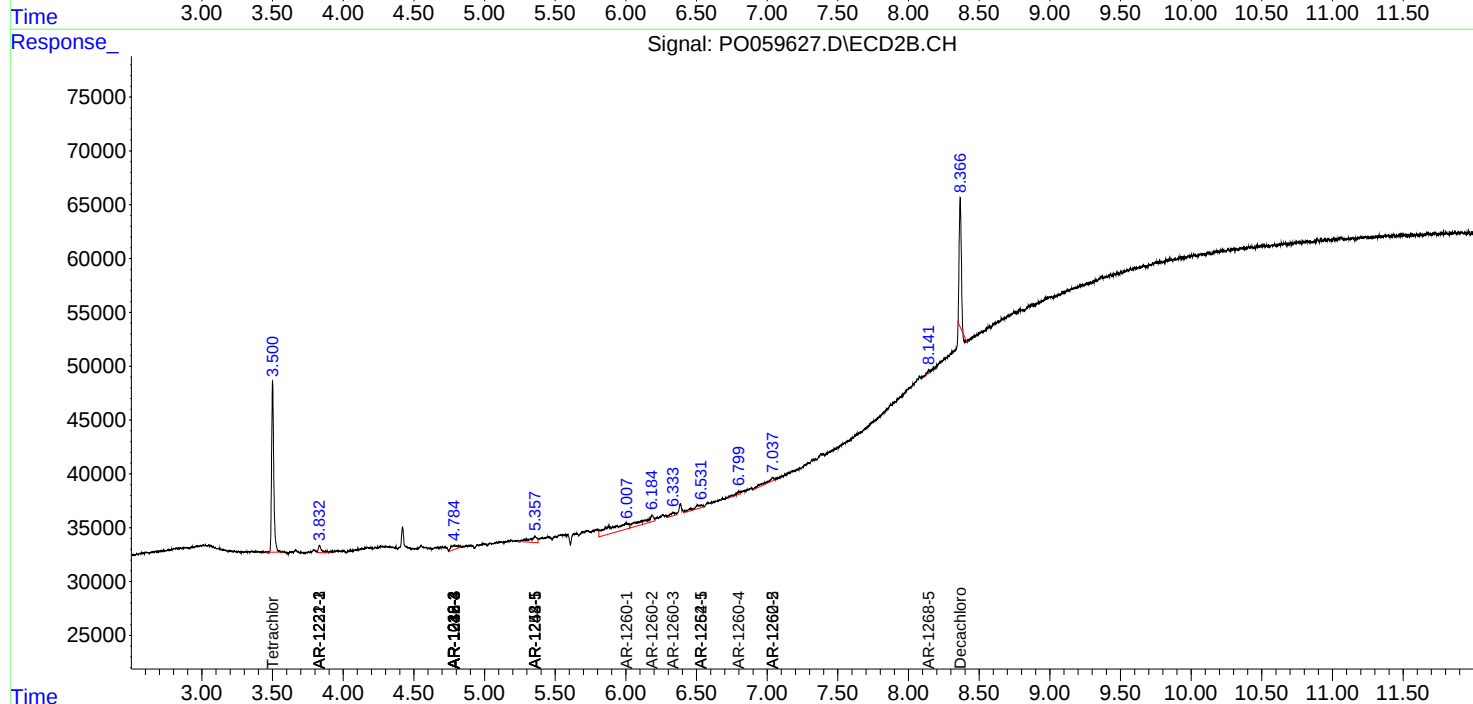
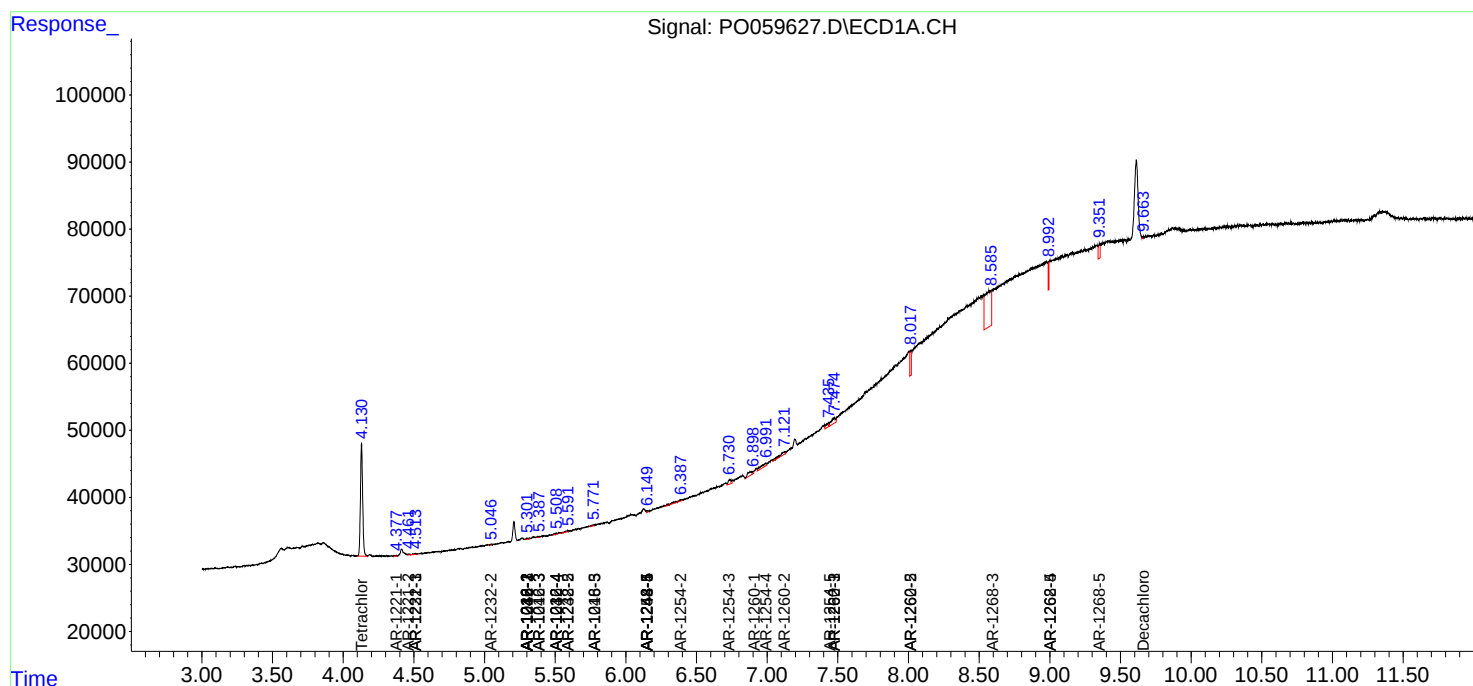
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

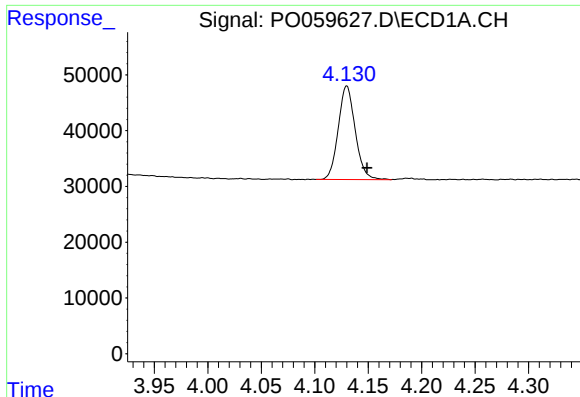
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082119\
Data File : P0059627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Aug 2019 2:39
Operator : SM/AJ
Sample : K4449-09 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 22 04:07:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

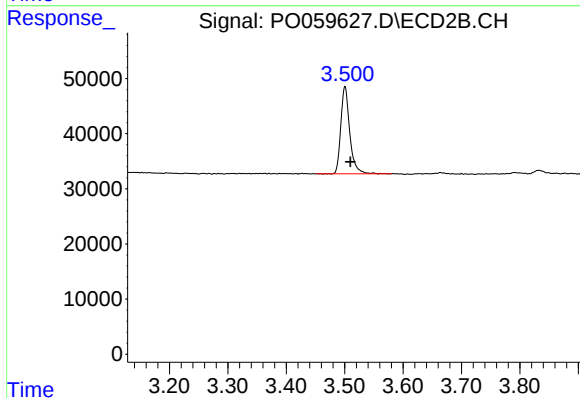




#1 Tetrachloro-m-xylene

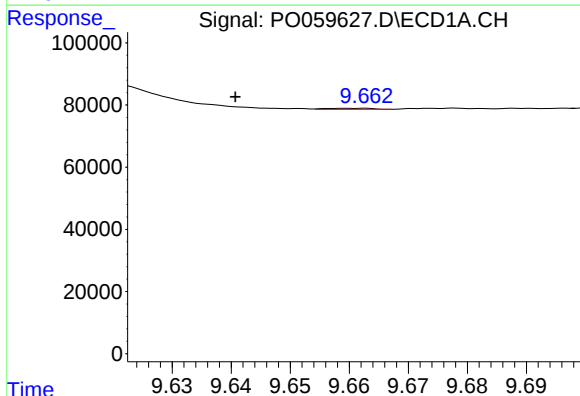
R.T.: 4.130 min
Delta R.T.: -0.019 min
Response: 185407
Conc: 5.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



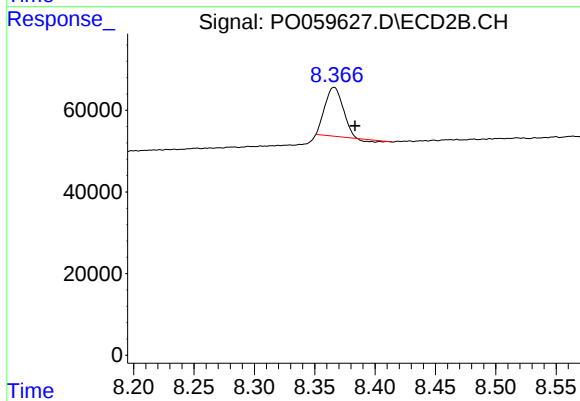
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: -0.009 min
Response: 168080
Conc: 4.67 ng/ml



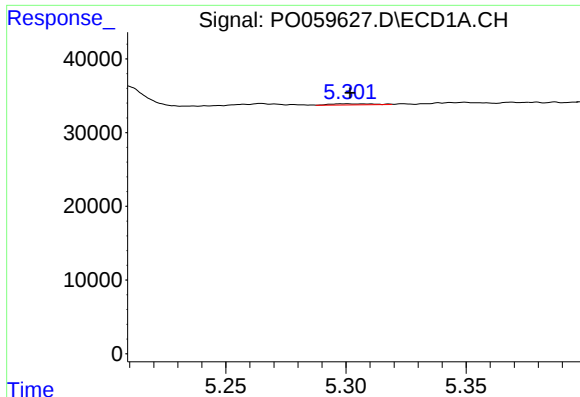
#2 Decachlorobiphenyl

R.T.: 9.661 min
Delta R.T.: 0.020 min
Response: 1860
Conc: 0.03 ng/ml



#2 Decachlorobiphenyl

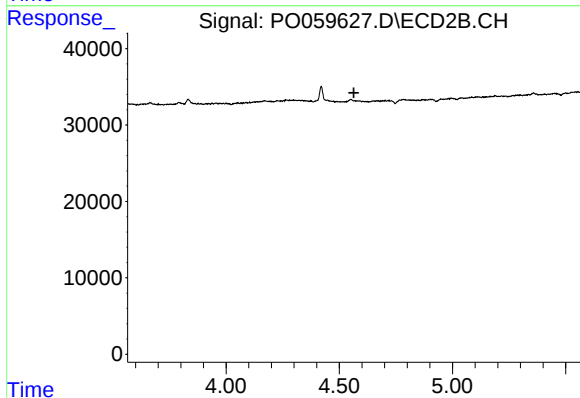
R.T.: 8.366 min
Delta R.T.: -0.017 min
Response: 121557
Conc: 3.01 ng/ml



#3 AR-1016-1

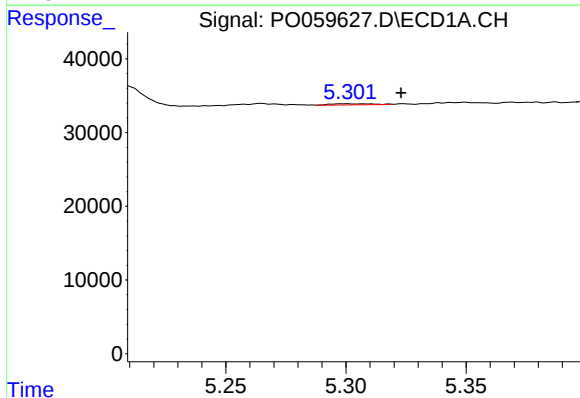
R.T.: 5.299 min
Delta R.T.: -0.002 min
Response: 1963
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



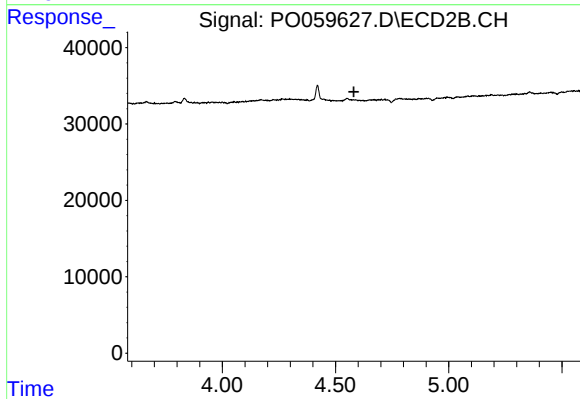
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



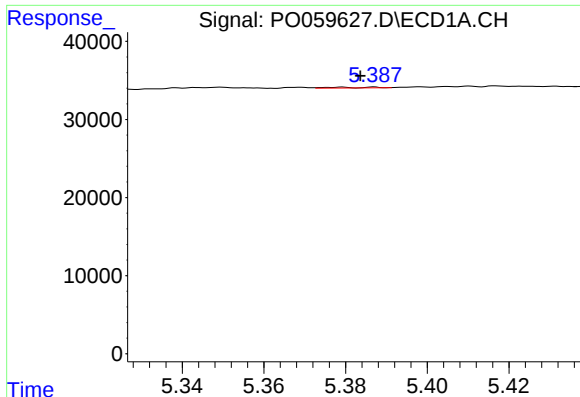
#4 AR-1016-2

R.T.: 5.299 min
Delta R.T.: -0.023 min
Response: 1963
Conc: 0.82 ng/ml



#4 AR-1016-2

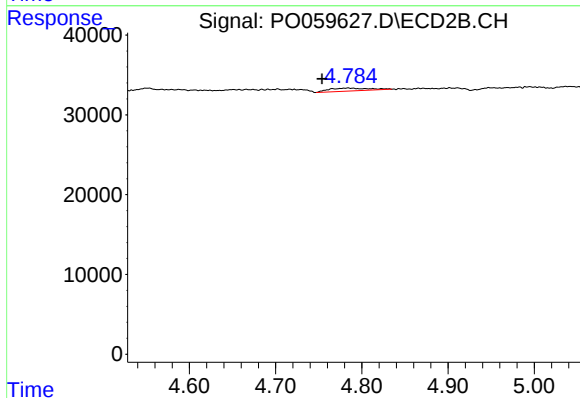
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

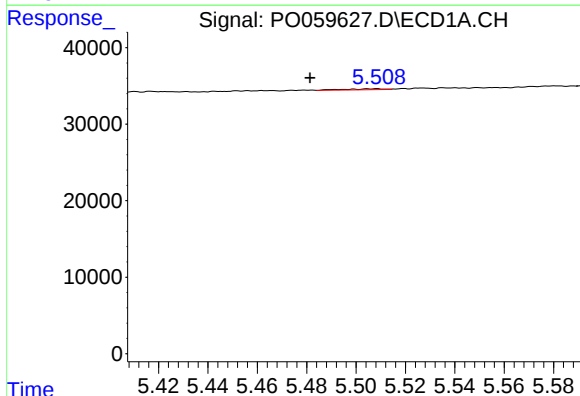
R.T.: 5.379 min
Delta R.T.: -0.005 min
Response: 817
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



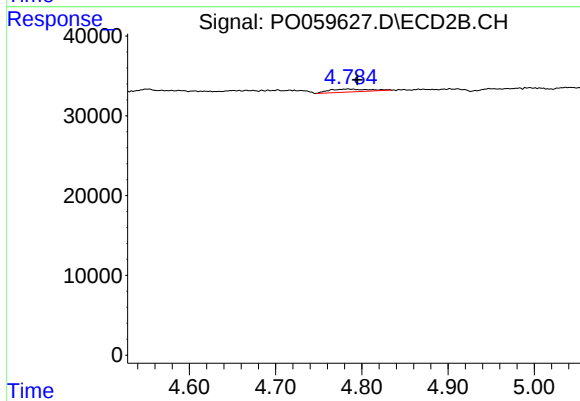
#5 AR-1016-3

R.T.: 4.784 min
Delta R.T.: 0.030 min
Response: 12127
Conc: 11.21 ng/ml



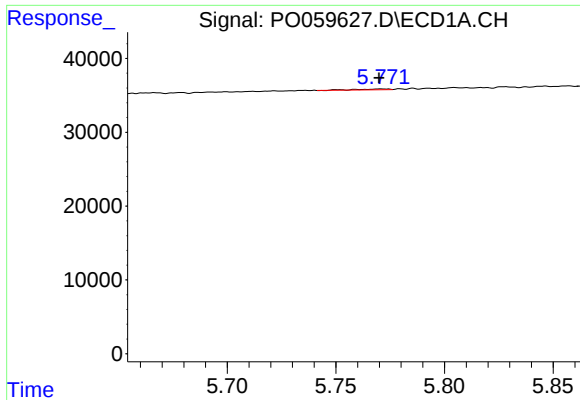
#6 AR-1016-4

R.T.: 5.508 min
Delta R.T.: 0.027 min
Response: 1476
Conc: 1.22 ng/ml



#6 AR-1016-4

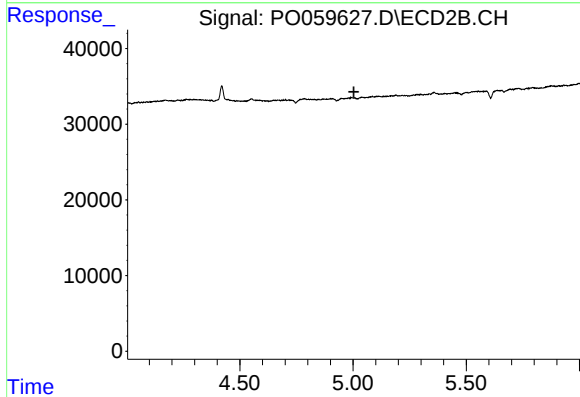
R.T.: 4.784 min
Delta R.T.: -0.010 min
Response: 12127
Conc: 13.43 ng/ml



#7 AR-1016-5

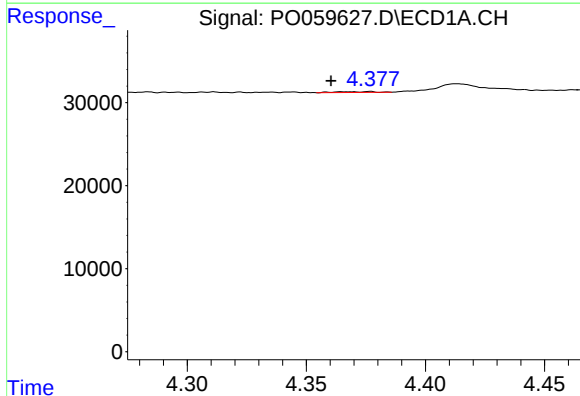
R.T.: 5.771 min
Delta R.T.: 0.001 min
Response: 1034
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



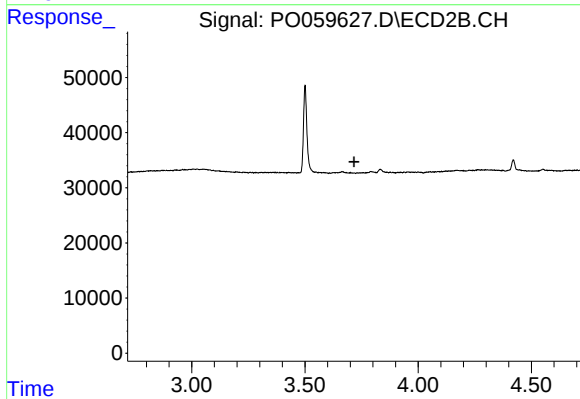
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



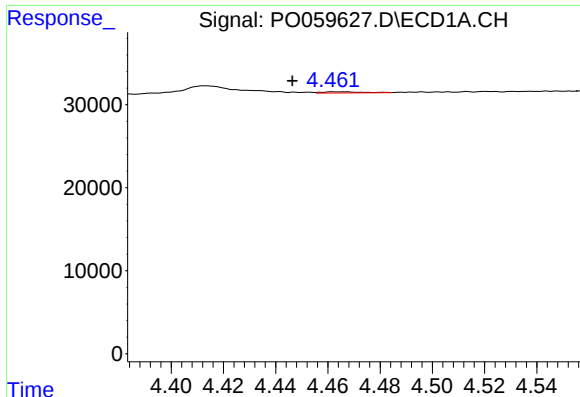
#8 AR-1221-1

R.T.: 4.377 min
Delta R.T.: 0.016 min
Response: 1118
Conc: 2.64 ng/ml



#8 AR-1221-1

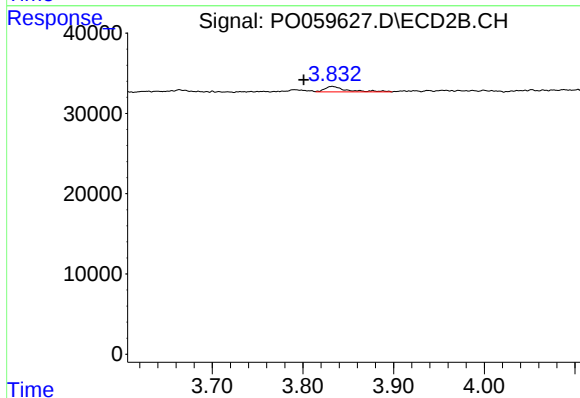
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

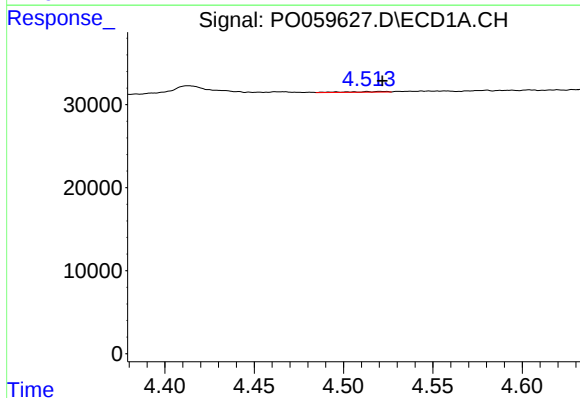
R.T.: 4.466 min
Delta R.T.: 0.019 min
Response: 1605
Conc: 4.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



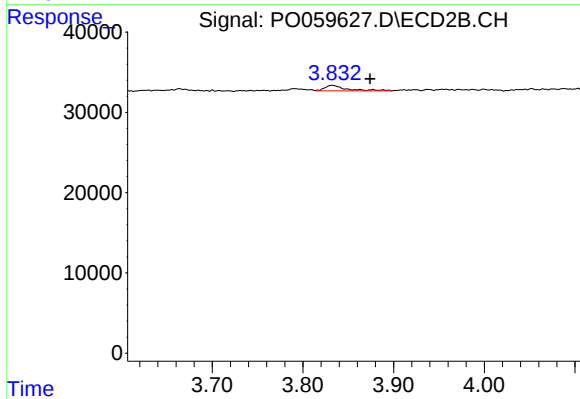
#9 AR-1221-2

R.T.: 3.833 min
Delta R.T.: 0.032 min
Response: 11219
Conc: 36.83 ng/ml



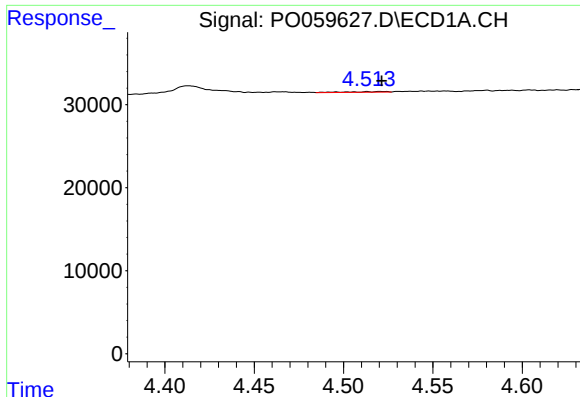
#10 AR-1221-3

R.T.: 4.513 min
Delta R.T.: -0.009 min
Response: 1334
Conc: 1.27 ng/ml



#10 AR-1221-3

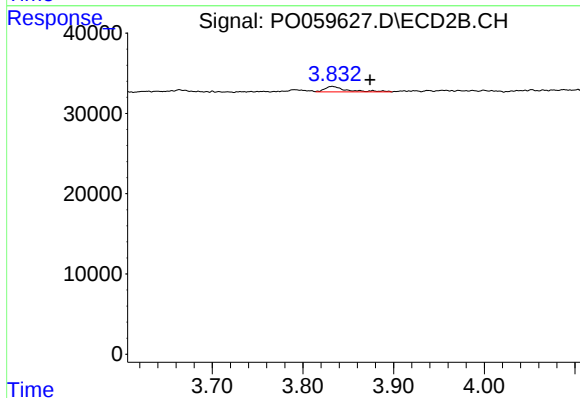
R.T.: 3.833 min
Delta R.T.: -0.042 min
Response: 11219
Conc: 11.47 ng/ml



#11 AR-1232-1

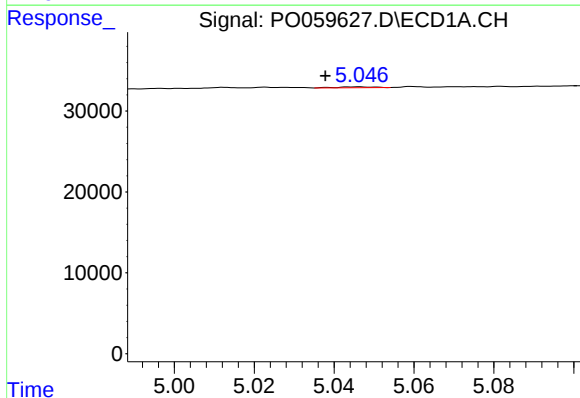
R.T.: 4.513 min
Delta R.T.: -0.008 min
Response: 1334
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



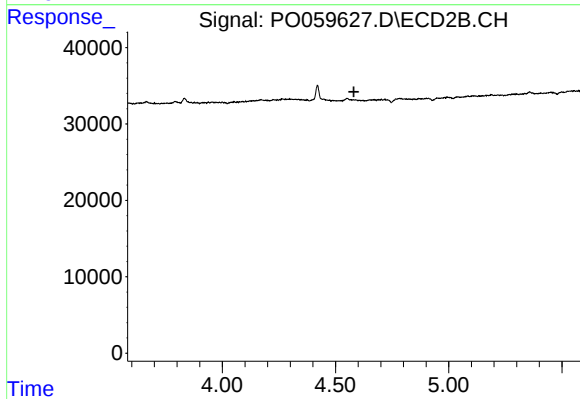
#11 AR-1232-1

R.T.: 3.833 min
Delta R.T.: -0.041 min
Response: 11219
Conc: 9.84 ng/ml



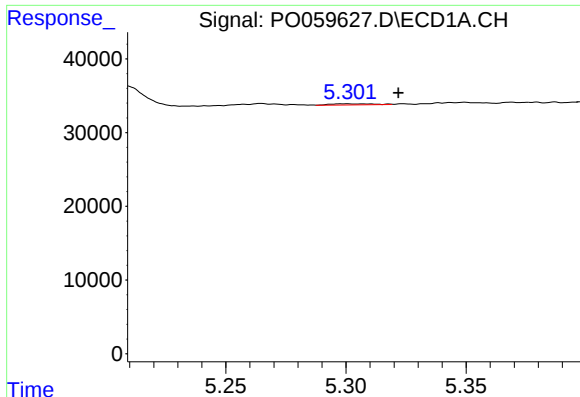
#12 AR-1232-2

R.T.: 5.046 min
Delta R.T.: 0.008 min
Response: 752
Conc: 1.07 ng/ml



#12 AR-1232-2

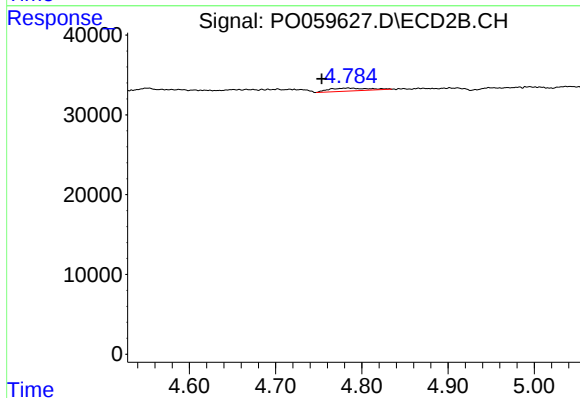
R.T.: 0.000 min
Exp R.T.: 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

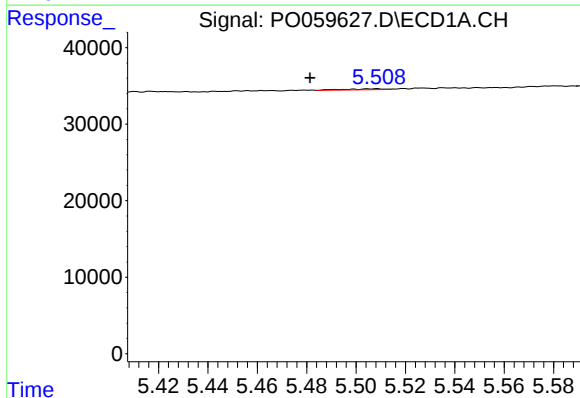
R.T.: 5.299 min
Delta R.T.: -0.022 min
Response: 1963
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



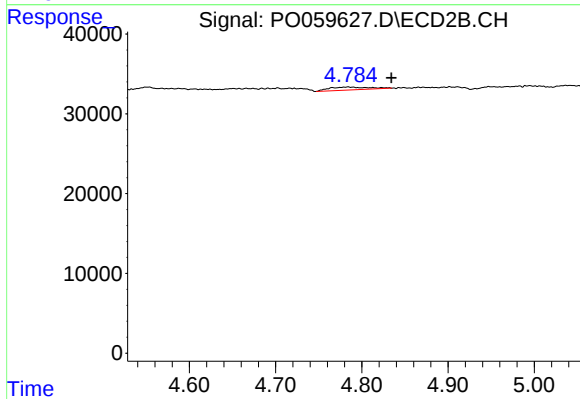
#13 AR-1232-3

R.T.: 4.784 min
Delta R.T.: 0.031 min
Response: 12127
Conc: 17.81 ng/ml



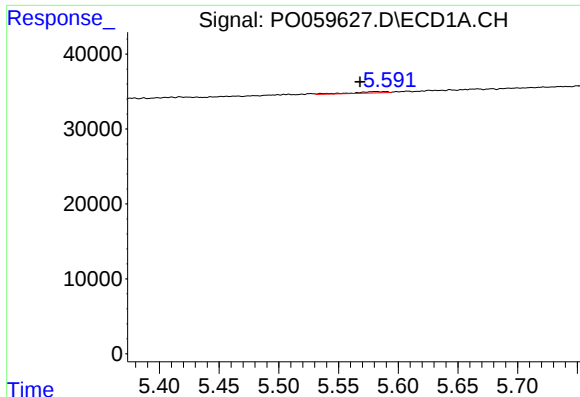
#14 AR-1232-4

R.T.: 5.508 min
Delta R.T.: 0.027 min
Response: 1476
Conc: 1.89 ng/ml



#14 AR-1232-4

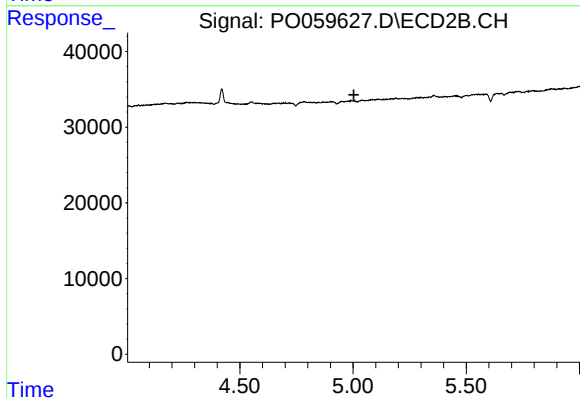
R.T.: 4.784 min
Delta R.T.: -0.050 min
Response: 12127
Conc: 19.88 ng/ml



#15 AR-1232-5

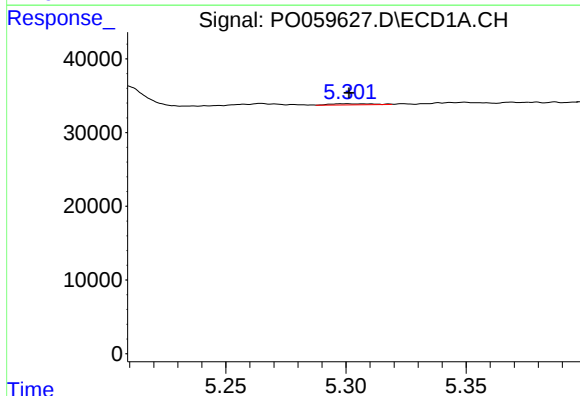
R.T.: 5.581 min
Delta R.T.: 0.013 min
Response: 3697
Conc: 6.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



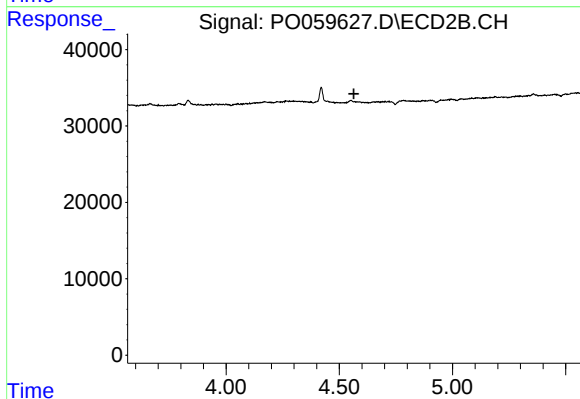
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



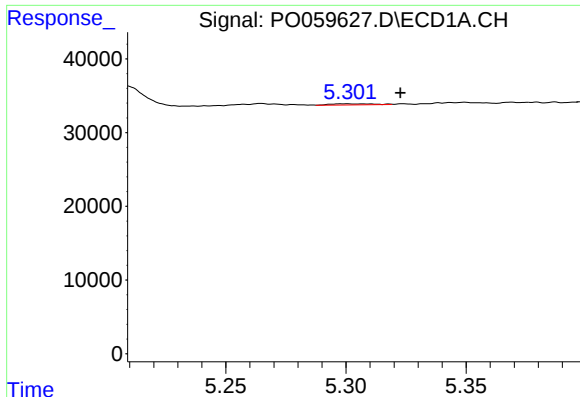
#16 AR-1242-1

R.T.: 5.299 min
Delta R.T.: -0.002 min
Response: 1963
Conc: 1.55 ng/ml



#16 AR-1242-1

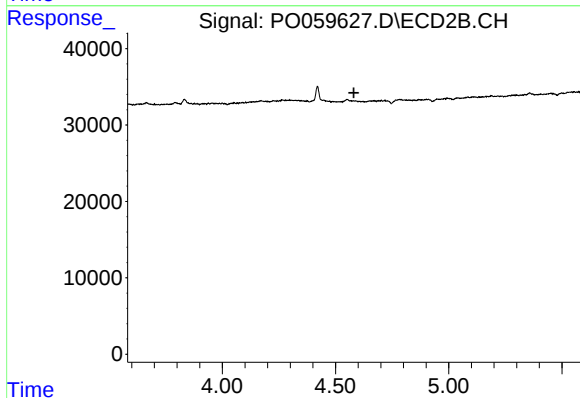
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

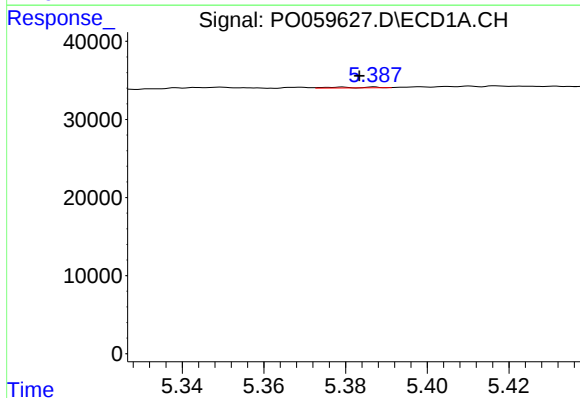
R.T.: 5.299 min
Delta R.T.: -0.023 min
Response: 1963
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



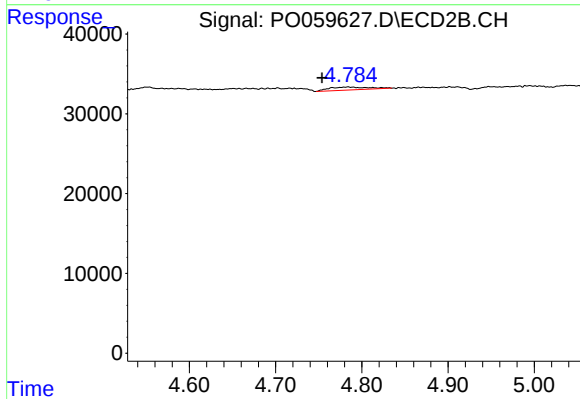
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



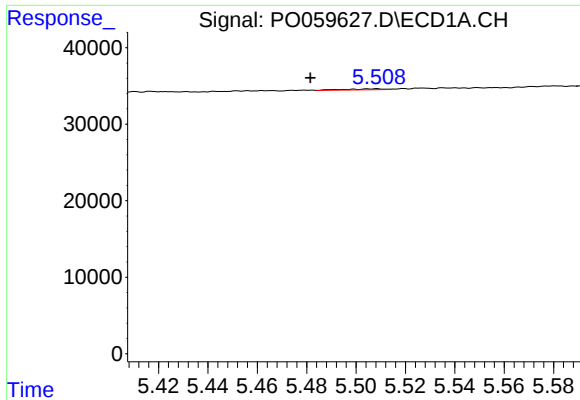
#18 AR-1242-3

R.T.: 5.379 min
Delta R.T.: -0.004 min
Response: 817
Conc: 0.70 ng/ml



#18 AR-1242-3

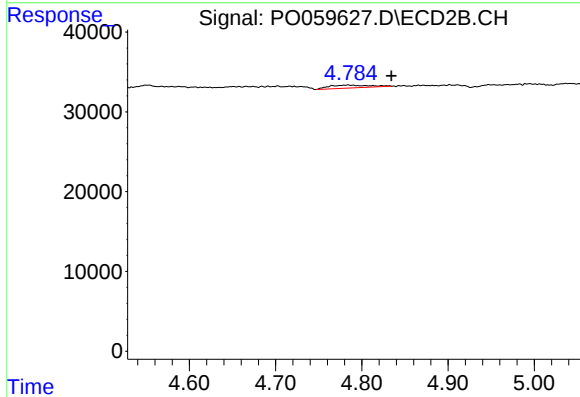
R.T.: 4.784 min
Delta R.T.: 0.031 min
Response: 12127
Conc: 14.51 ng/ml



#19 AR-1242-4

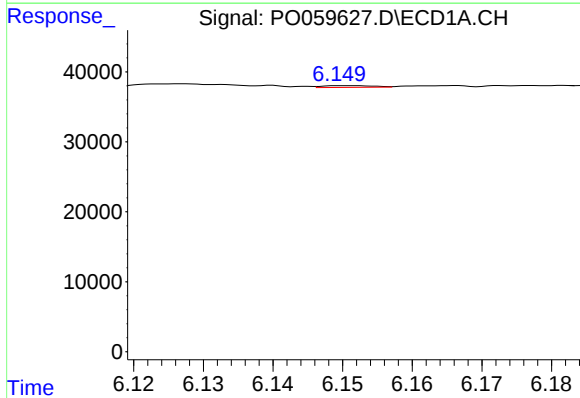
R.T.: 5.508 min
Delta R.T.: 0.027 min
Response: 1476
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



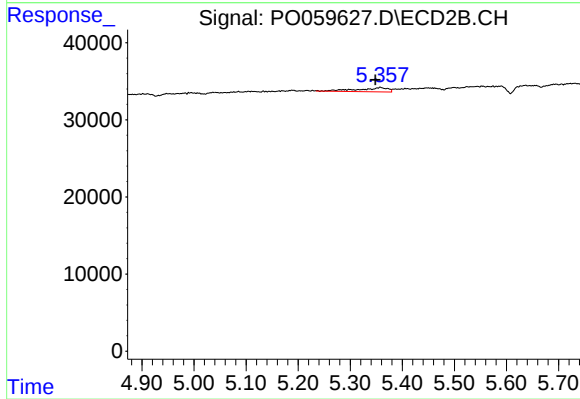
#19 AR-1242-4

R.T.: 4.784 min
Delta R.T.: -0.050 min
Response: 12127
Conc: 14.53 ng/ml



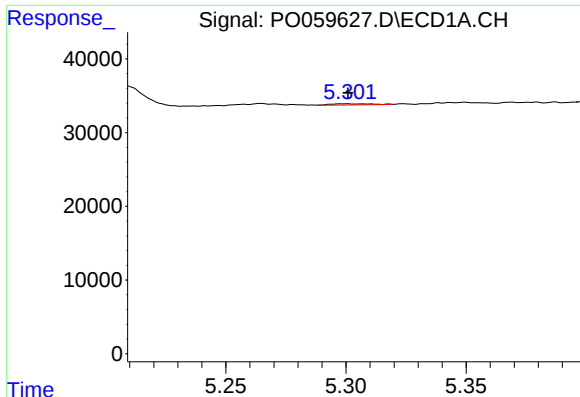
#20 AR-1242-5

R.T.: 6.151 min
Delta R.T.: -0.055 min
Response: 1275
Conc: 1.01 ng/ml



#20 AR-1242-5

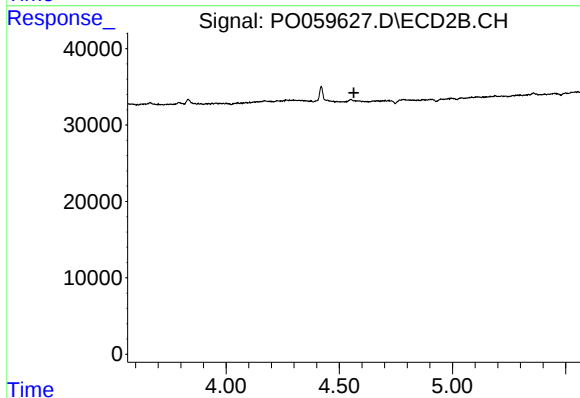
R.T.: 5.358 min
Delta R.T.: 0.010 min
Response: 21896
Conc: 19.57 ng/ml



#21 AR-1248-1

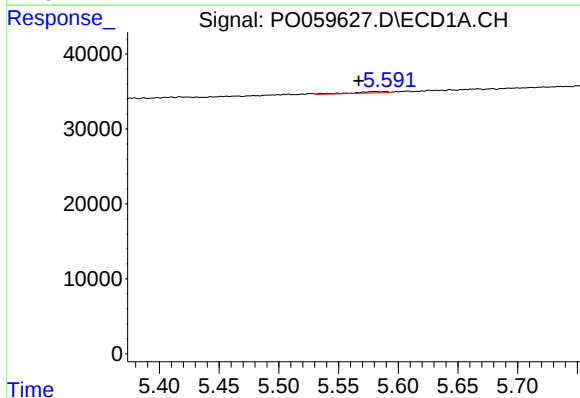
R.T.: 5.299 min
Delta R.T.: -0.001 min
Response: 1963
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



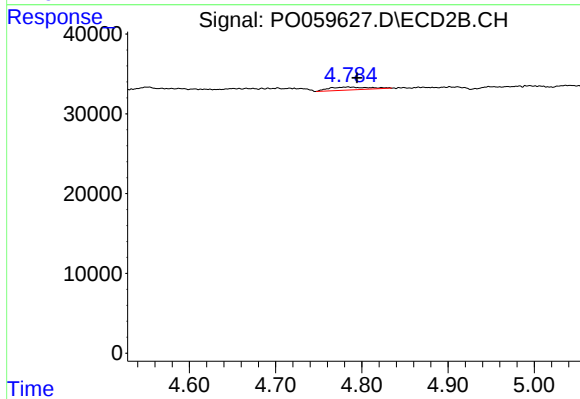
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



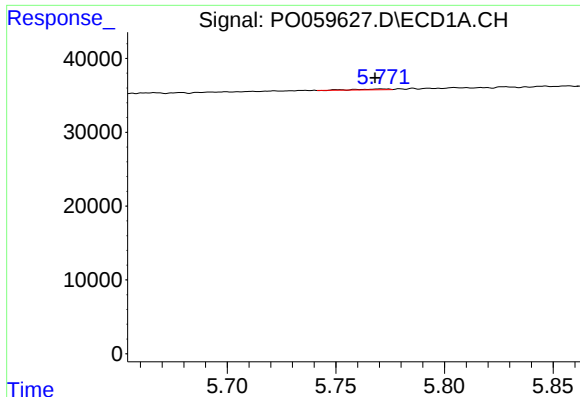
#22 AR-1248-2

R.T.: 5.581 min
Delta R.T.: 0.014 min
Response: 3697
Conc: 2.55 ng/ml



#22 AR-1248-2

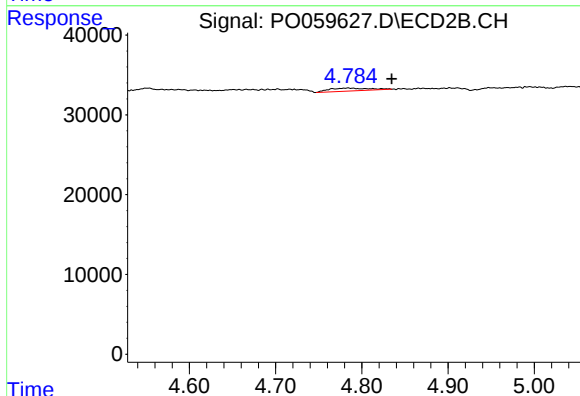
R.T.: 4.784 min
Delta R.T.: -0.010 min
Response: 12127
Conc: 10.52 ng/ml



#23 AR-1248-3

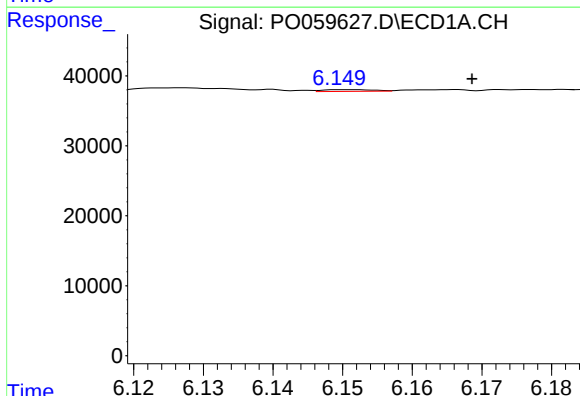
R.T.: 5.771 min
Delta R.T.: 0.003 min
Response: 1034
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



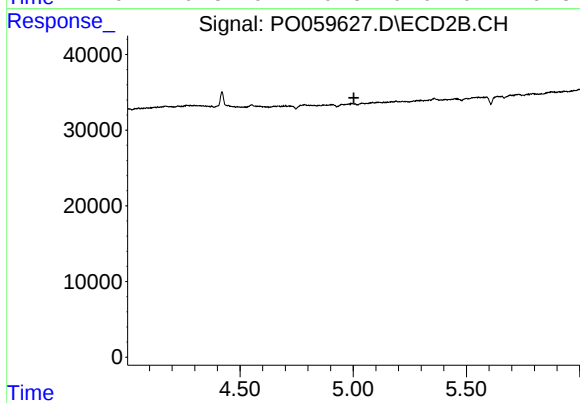
#23 AR-1248-3

R.T.: 4.784 min
Delta R.T.: -0.050 min
Response: 12127
Conc: 10.21 ng/ml



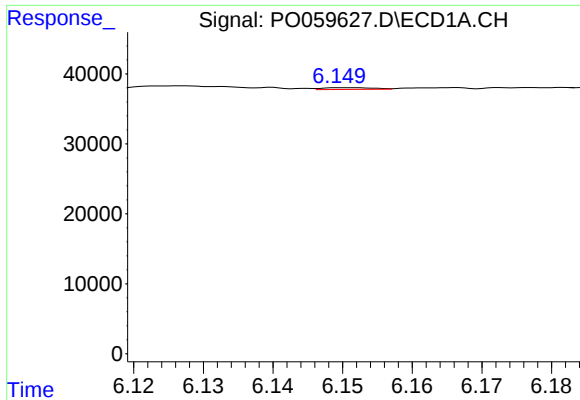
#24 AR-1248-4

R.T.: 6.151 min
Delta R.T.: -0.018 min
Response: 1275
Conc: 0.62 ng/ml



#24 AR-1248-4

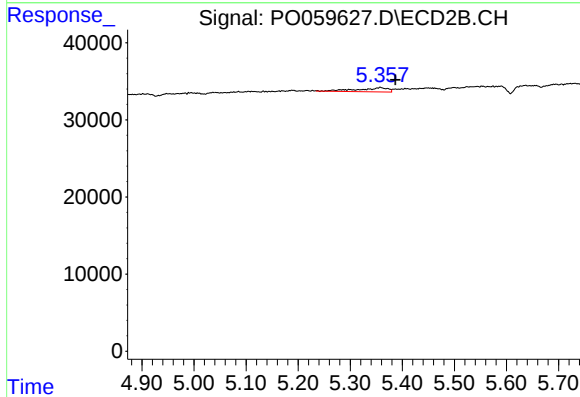
R.T.: 0.000 min
Exp R.T.: 5.003 min
Response: 0
Conc: N.D.



#25 AR-1248-5

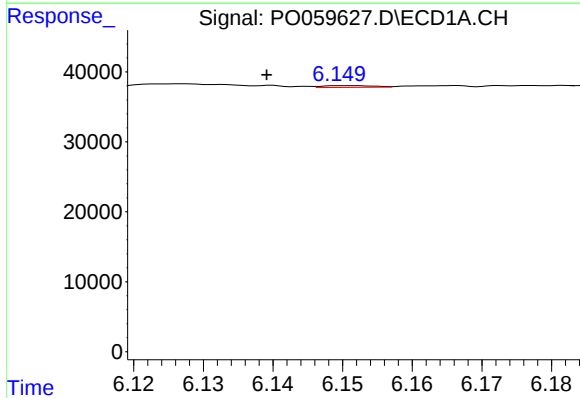
R.T.: 6.151 min
Delta R.T.: -0.054 min
Response: 1275
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



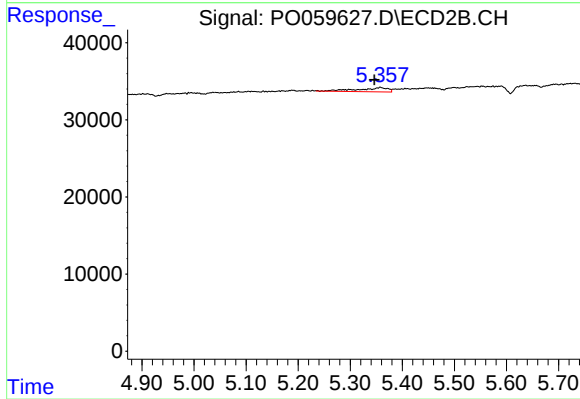
#25 AR-1248-5

R.T.: 5.358 min
Delta R.T.: -0.029 min
Response: 21896
Conc: 15.30 ng/ml



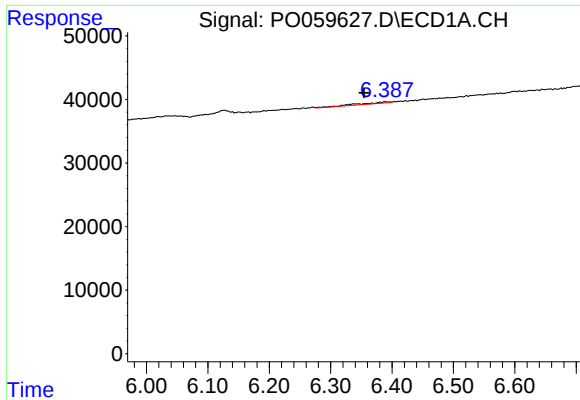
#26 AR-1254-1

R.T.: 6.151 min
Delta R.T.: 0.012 min
Response: 1275
Conc: 0.61 ng/ml



#26 AR-1254-1

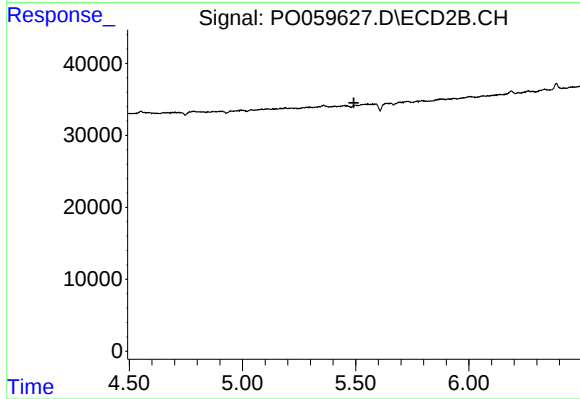
R.T.: 5.358 min
Delta R.T.: 0.011 min
Response: 21896
Conc: 9.23 ng/ml



#27 AR-1254-2

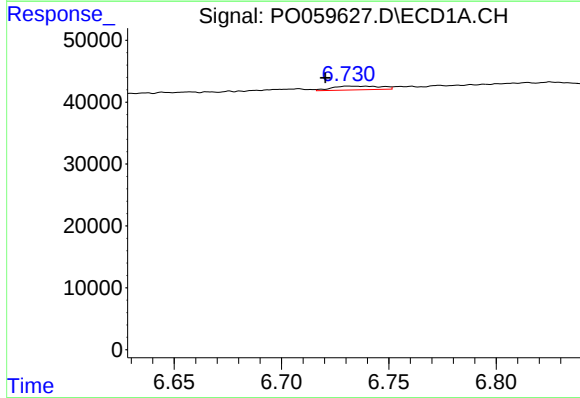
R.T.: 6.389 min
Delta R.T.: 0.034 min
Response: 7662
Conc: 2.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



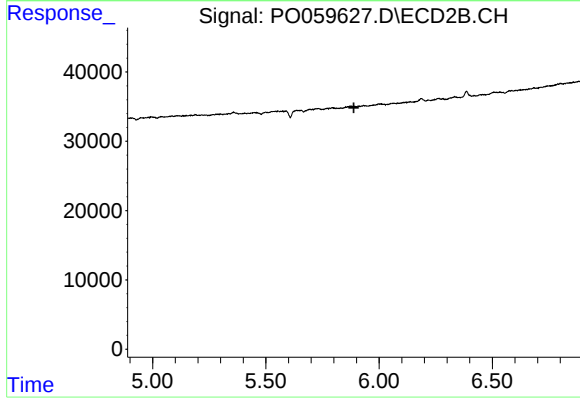
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



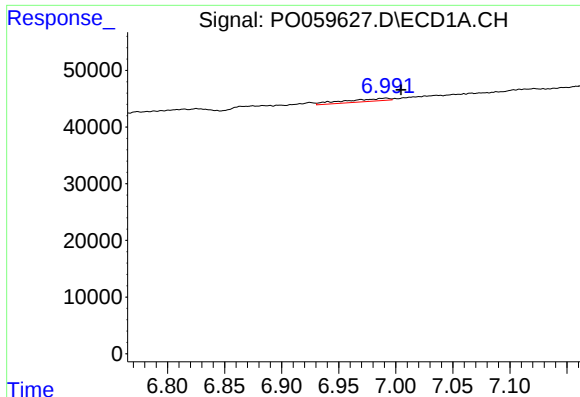
#28 AR-1254-3

R.T.: 6.732 min
Delta R.T.: 0.011 min
Response: 9453
Conc: 2.66 ng/ml



#28 AR-1254-3

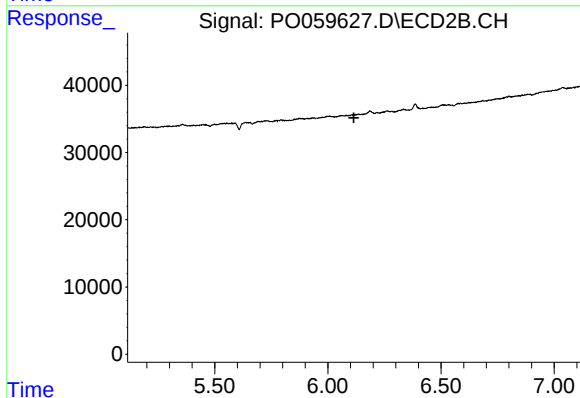
R.T.: 0.000 min
Exp R.T. : 5.889 min
Response: 0
Conc: N.D.



#29 AR-1254-4

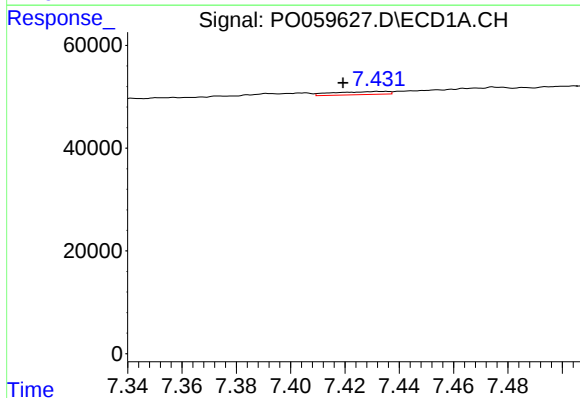
R.T.: 6.991 min
Delta R.T.: -0.013 min
Response: 13758
Conc: 4.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



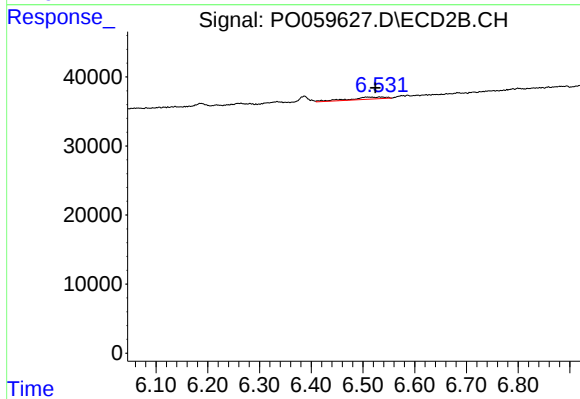
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.115 min
Response: 0
Conc: N.D.



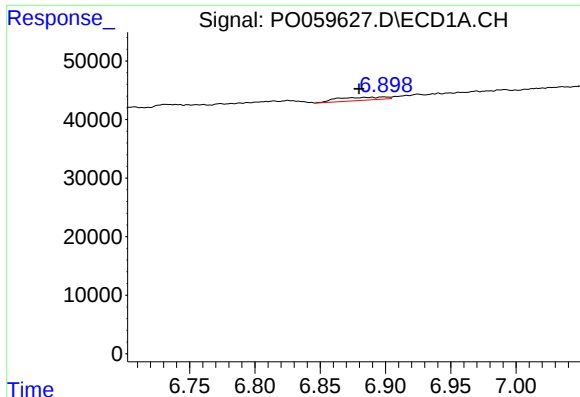
#30 AR-1254-5

R.T.: 7.433 min
Delta R.T.: 0.014 min
Response: 8344
Conc: 2.70 ng/ml



#30 AR-1254-5

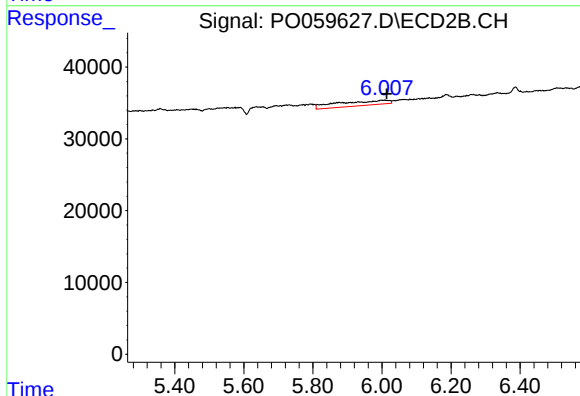
R.T.: 6.533 min
Delta R.T.: 0.009 min
Response: 14832
Conc: 4.78 ng/ml



#31 AR-1260-1

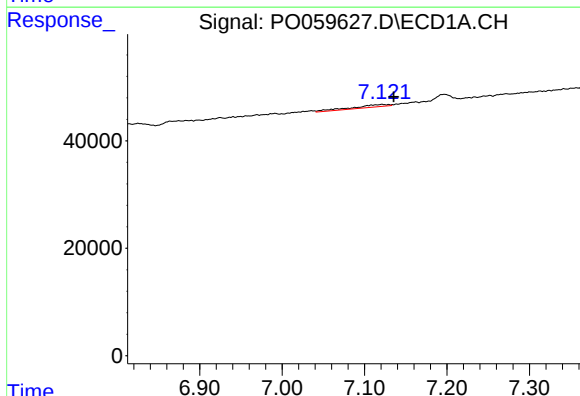
R.T.: 6.899 min
Delta R.T.: 0.019 min
Response: 13474
Conc: 5.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



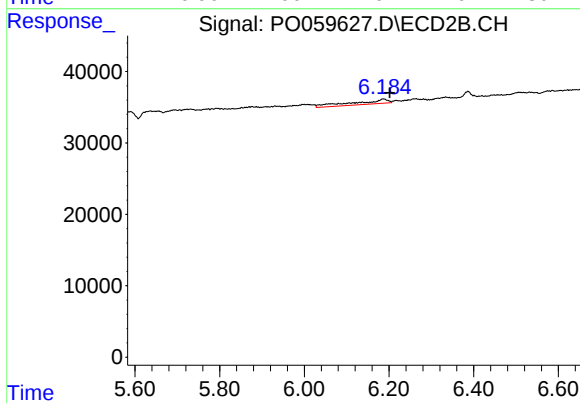
#31 AR-1260-1

R.T.: 6.000 min
Delta R.T.: -0.015 min
Response: 67864
Conc: 29.78 ng/ml



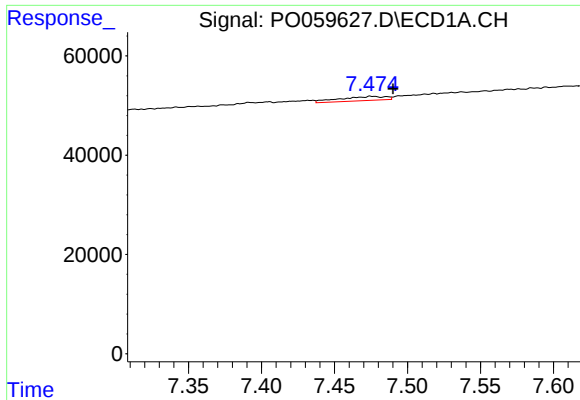
#32 AR-1260-2

R.T.: 7.121 min
Delta R.T.: -0.014 min
Response: 13812
Conc: 3.72 ng/ml



#32 AR-1260-2

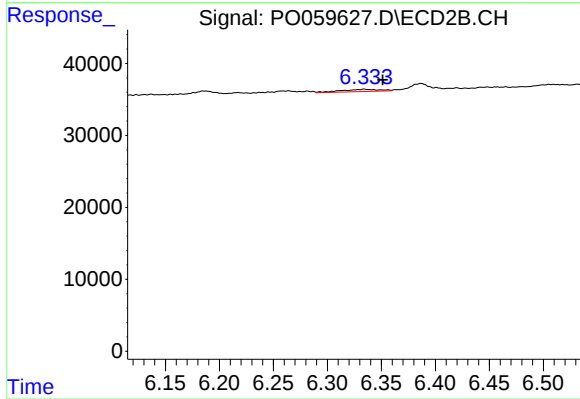
R.T.: 6.187 min
Delta R.T.: -0.015 min
Response: 35631
Conc: 12.16 ng/ml



#33 AR-1260-3

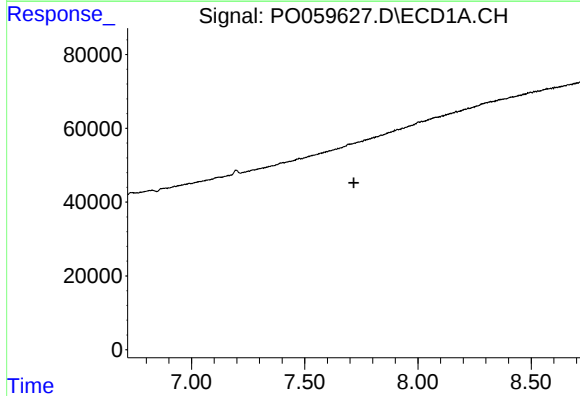
R.T.: 7.475 min
Delta R.T.: -0.015 min
Response: 18490
Conc: 5.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



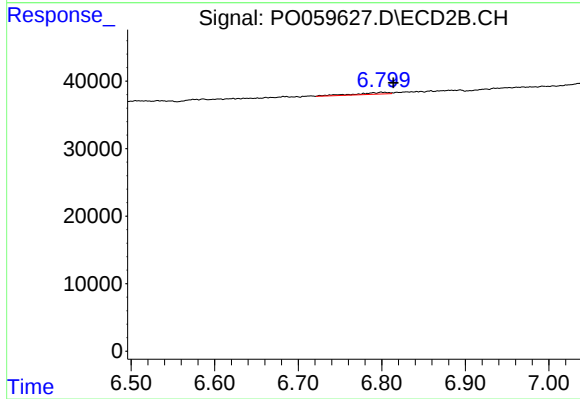
#33 AR-1260-3

R.T.: 6.334 min
Delta R.T.: -0.017 min
Response: 7619
Conc: 2.88 ng/ml



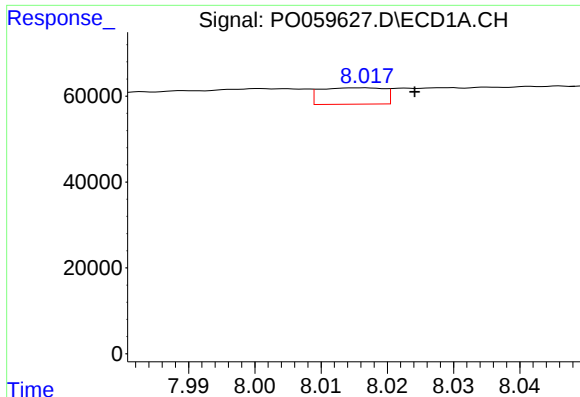
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.717 min
Response: 0
Conc: N.D.



#34 AR-1260-4

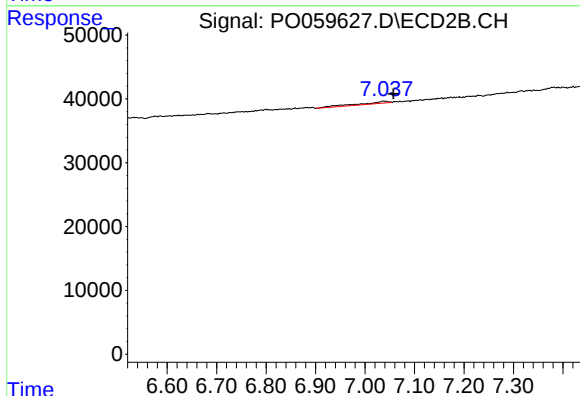
R.T.: 6.801 min
Delta R.T.: -0.013 min
Response: 7108
Conc: 3.14 ng/ml



#35 AR-1260-5

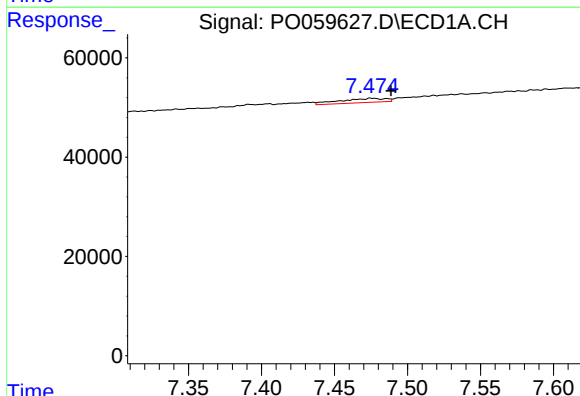
R.T.: 8.016 min
Delta R.T.: -0.008 min
Response: 25359
Conc: 3.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



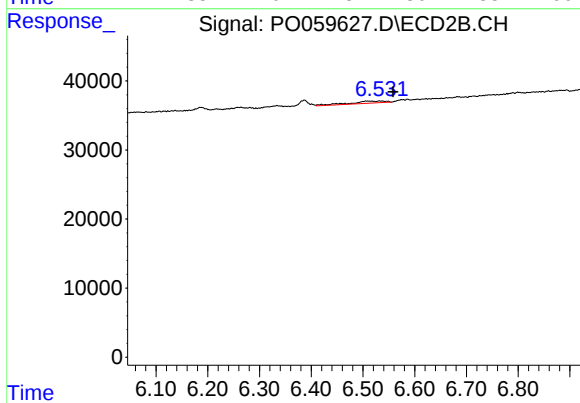
#35 AR-1260-5

R.T.: 7.038 min
Delta R.T.: -0.019 min
Response: 12993
Conc: 2.36 ng/ml



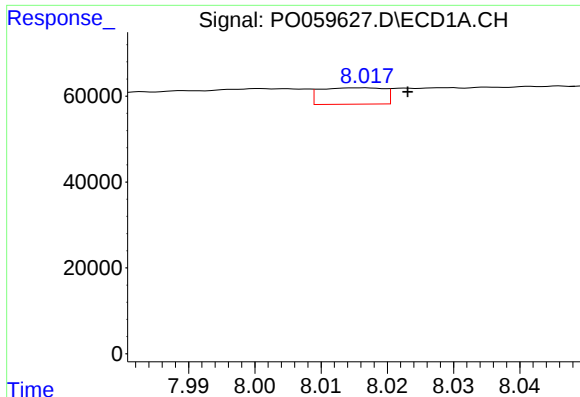
#36 AR-1262-1

R.T.: 7.475 min
Delta R.T.: -0.014 min
Response: 18490
Conc: 3.81 ng/ml



#36 AR-1262-1

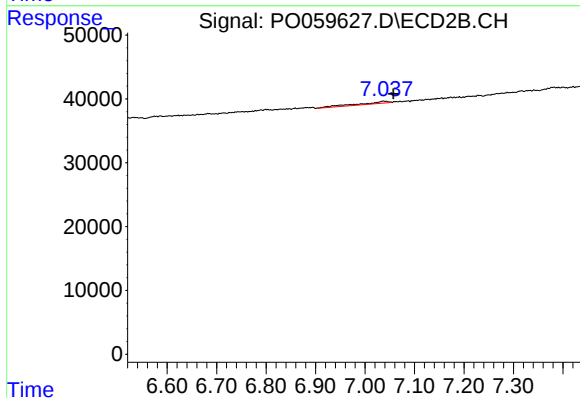
R.T.: 6.533 min
Delta R.T.: -0.025 min
Response: 14832
Conc: 3.98 ng/ml



#37 AR-1262-2

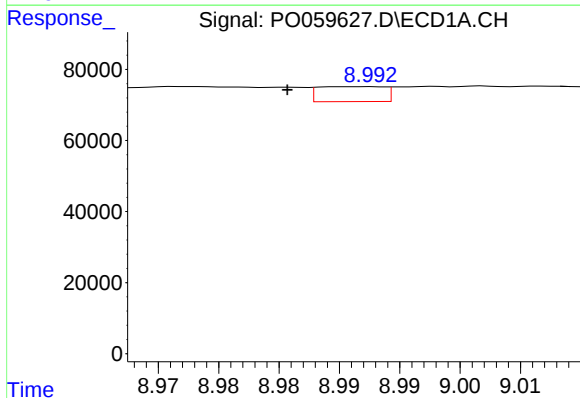
R.T.: 8.016 min
Delta R.T.: -0.007 min
Response: 25359
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



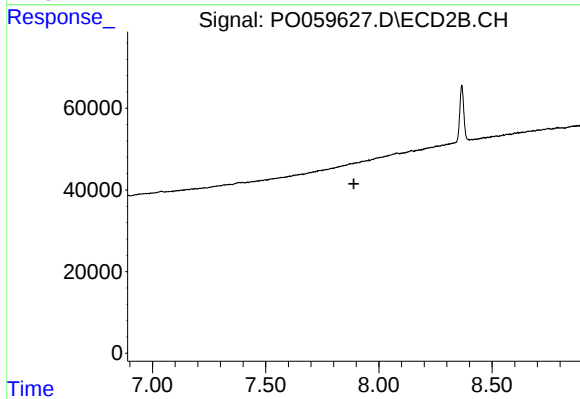
#37 AR-1262-2

R.T.: 7.038 min
Delta R.T.: -0.019 min
Response: 12993
Conc: 2.21 ng/ml



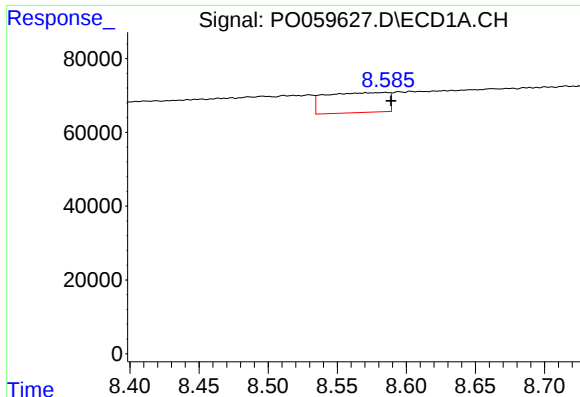
#40 AR-1262-5

R.T.: 8.992 min
Delta R.T.: 0.006 min
Response: 16050
Conc: 6.25 ng/ml



#40 AR-1262-5

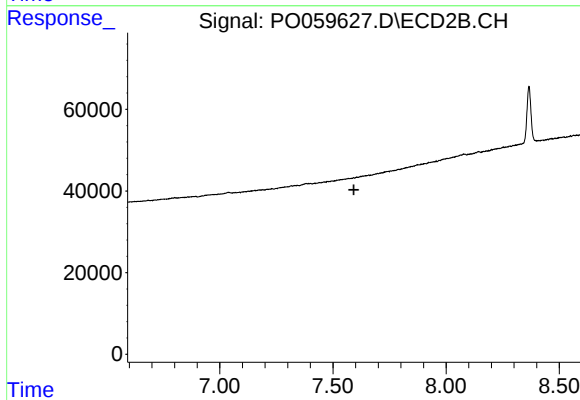
R.T.: 0.000 min
Exp R.T.: 7.889 min
Response: 0
Conc: N.D.



#43 AR-1268-3

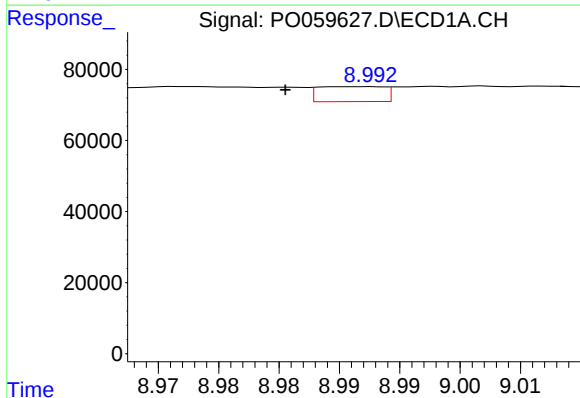
R.T.: 8.585 min
Delta R.T.: -0.004 min
Response: 170510
Conc: 24.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



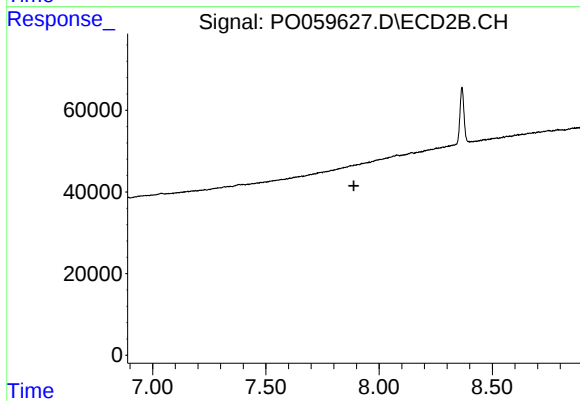
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



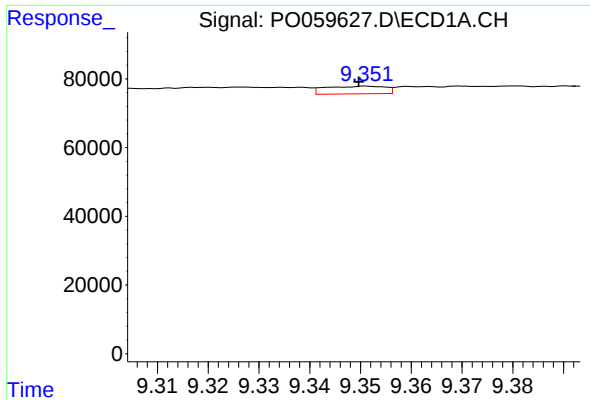
#44 AR-1268-4

R.T.: 8.992 min
Delta R.T.: 0.006 min
Response: 16050
Conc: 5.77 ng/ml



#44 AR-1268-4

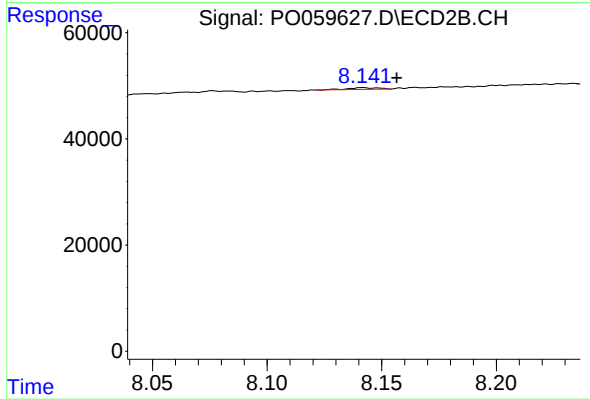
R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.351 min
Delta R.T.: 0.002 min
Response: 18145
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXING-BOX-1-082019-99



#45 AR-1268-5

R.T.: 8.143 min
Delta R.T.: -0.014 min
Response: 2831
Conc: 0.19 ng/ml