

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 17:42
 Operator : SM\SJ
 Sample : K1692-03
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 17:56:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 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...	4.183	3.636	93442888	45169778	16.059	14.625
2)	SA Decachlor...	9.596	8.507	66012417	25953975	13.692	11.593
Target Compounds							
3)	L1 AR-1016-1	5.344	4.702	3784502	15023702	18.805	133.529 #
4)	L1 AR-1016-2	5.344	4.702	3784502	15023702	12.059	88.692 #
5)	L1 AR-1016-3	5.369	4.885	2014896	3654291	11.063	42.397 #
6)	L1 AR-1016-4	5.533	4.921	6117384	5066099	40.893	73.233 #
7)	L1 AR-1016-5	5.781	5.077	-528	1840430	N.D.	21.114 #
8)	L2 AR-1221-1	4.420	0.000	2851511	0	44.940	N.D. #
9)	L2 AR-1221-2	4.484	3.928	4762358	3689183	102.948	143.768 #
10)	L2 AR-1221-3	4.556	0.000	4805148	0	31.439	N.D. #
11)	L3 AR-1232-1	4.556	0.000	4805148	0	38.610	N.D. #
12)	L3 AR-1232-2	5.061	4.702	5387399	15023702	91.490	212.489 #
13)	L3 AR-1232-3	5.344	4.885	3784502	3654291	30.643	109.307 #
14)	L3 AR-1232-4	5.533	4.992	6117384	3015732	105.031	104.792
15)	L3 AR-1232-5	5.599	5.077	1701509	1840430	39.802	58.060 #
16)	L4 AR-1242-1	5.344	4.702	3784502	15023702	23.031	163.726 #
17)	L4 AR-1242-2	5.344	4.702	3784502	15023702	14.832	107.519 #
18)	L4 AR-1242-3	5.369	4.885	2014896	3654291	13.662	52.878 #
19)	L4 AR-1242-4	5.533	4.992	6117384	3015732	49.975	47.245
20)	L4 AR-1242-5	6.217	5.473	2233309	3153496	16.345	36.483 #
21)	L5 AR-1248-1	5.344	4.702	3784502	15023702	23.895	162.886 #
22)	L5 AR-1248-2	5.599	4.921	1701509	5066099	7.774	42.299 #
23)	L5 AR-1248-3	5.781	4.992	-528	3015732	N.D.	24.849 #
24)	L5 AR-1248-4	6.187	5.077	2047246	1840430	7.319	12.377 #
25)	L5 AR-1248-5	6.217	5.473	2233309	3153496	8.425	21.680 #
26)	L6 AR-1254-1	6.150	5.473	6027548	3153496	30.681	20.472 #
27)	L6 AR-1254-2	6.367	5.616	8234520	1343138	26.867	10.352 #
28)	L6 AR-1254-3	6.731	6.011	10051345	4426031	32.277	20.925 #
29)	L6 AR-1254-4	7.008	6.237	1247477	1679895	4.914	10.474 #
30)	L6 AR-1254-5	7.419	6.644	6861998	2427990	23.256	13.957 #
31)	L7 AR-1260-1	6.879	0.000	2522734	0	9.742	N.D. #
32)	L7 AR-1260-2	7.146	6.323	12688298	2695074	36.810	14.285 #
33)	L7 AR-1260-3	7.481	6.471	2056564	2065834	7.251	12.131 #
34)	L7 AR-1260-4	7.712	0.000	4543802	0	16.878	N.D. #
35)	L7 AR-1260-5	8.017	7.175	6370629	3279338	10.112	9.888
36)	L8 AR-1262-1	7.553	6.644	2677734	2427990	17.339	11.495 #
37)	L8 AR-1262-2	8.017	7.175	6370629	3279338	9.082	8.726
38)	L8 AR-1262-3	8.291	7.515	2933493	1248801	9.787	8.449
39)	L8 AR-1262-4	8.377	7.515	1847068	1248801	5.326	4.655
40)	L8 AR-1262-5	8.973	0.000	2297720	0	9.616	N.D. #
41)	L9 AR-1268-1	8.291	7.515	2933493	1248801	3.564	3.087

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
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 Acq On : 20 Mar 2019 17:42
 Operator : SM\SJ
 Sample : K1692-03
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

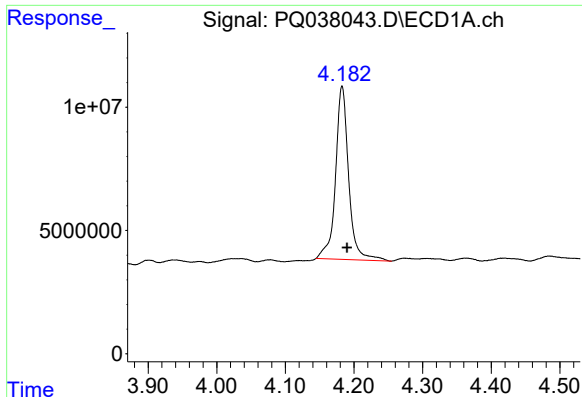
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 17:56:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.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	8.377	7.515	1847068	1248801	2.473	3.336 #
43) L9	AR-1268-3	8.571	0.000	2677816	0	4.084	N.D. #
44) L9	AR-1268-4	8.973	0.000	2297720	0	8.876	N.D. #
45) L9	AR-1268-5	9.321	8.279	3082543	1776681	1.579	1.878

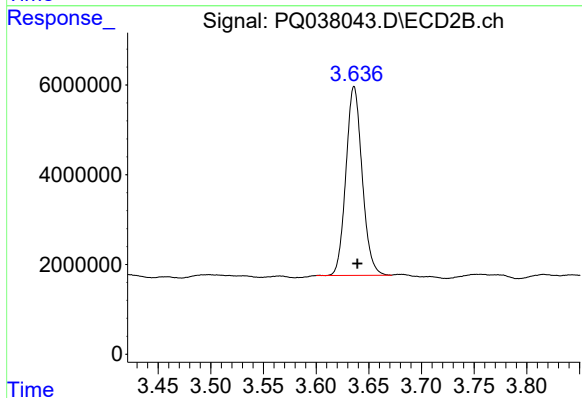
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

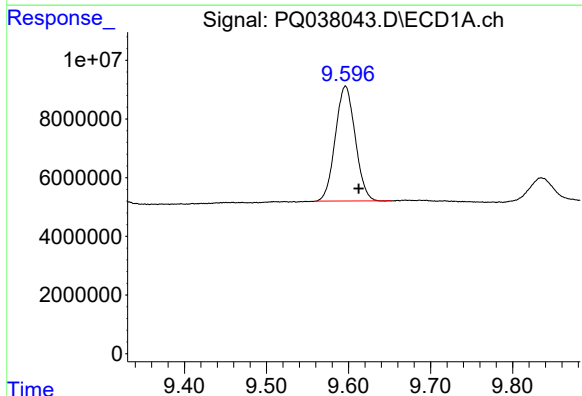
R.T.: 4.183 min
Delta R.T.: -0.007 min
Response: 93442888
Conc: 16.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



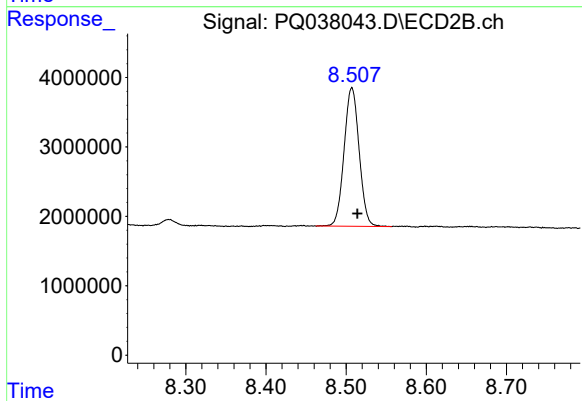
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 45169778
Conc: 14.63 ng/ml



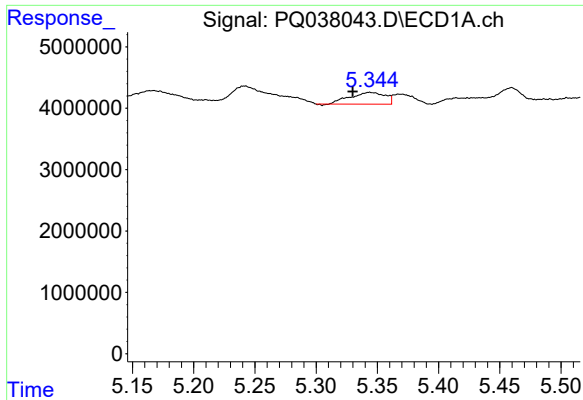
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.016 min
Response: 66012417
Conc: 13.69 ng/ml



#2 Decachlorobiphenyl

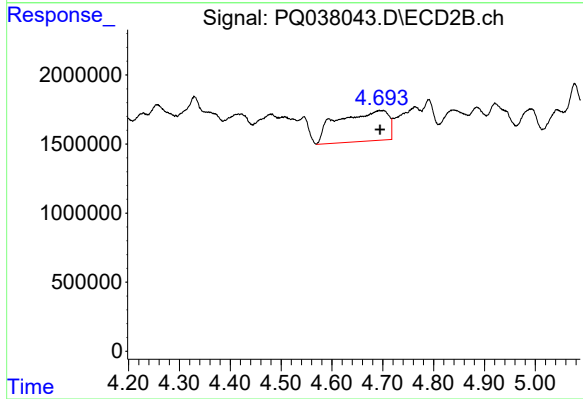
R.T.: 8.507 min
Delta R.T.: -0.007 min
Response: 25953975
Conc: 11.59 ng/ml



#3 AR-1016-1

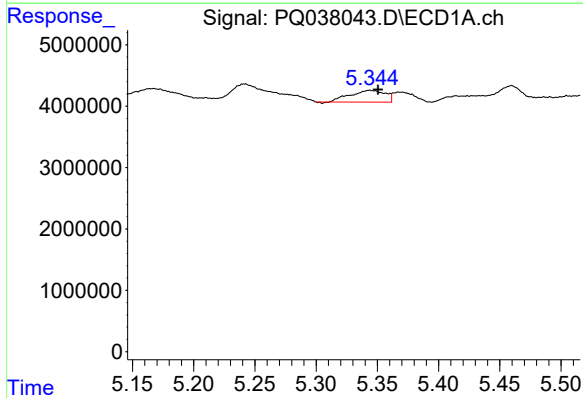
R.T.: 5.344 min
Delta R.T.: 0.014 min
Response: 3784502
Conc: 18.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



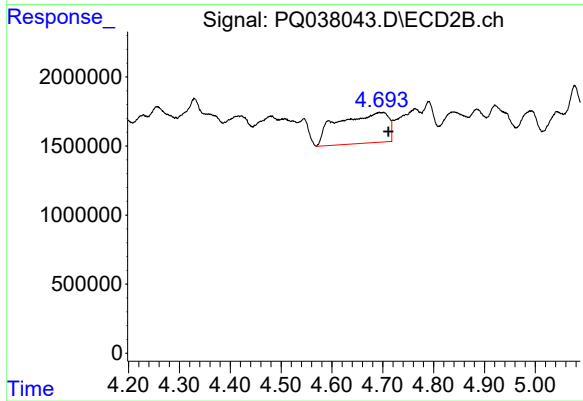
#3 AR-1016-1

R.T.: 4.702 min
Delta R.T.: 0.007 min
Response: 15023702
Conc: 133.53 ng/ml



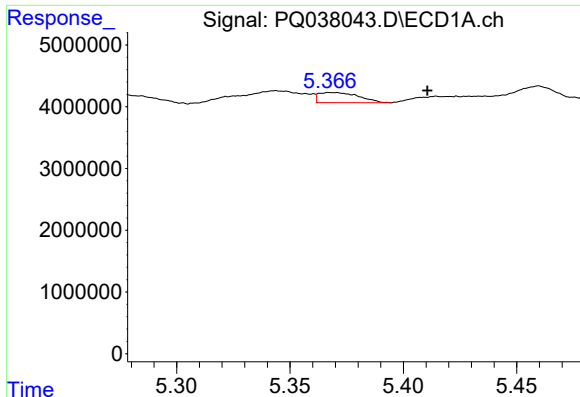
#4 AR-1016-2

R.T.: 5.344 min
Delta R.T.: -0.007 min
Response: 3784502
Conc: 12.06 ng/ml



#4 AR-1016-2

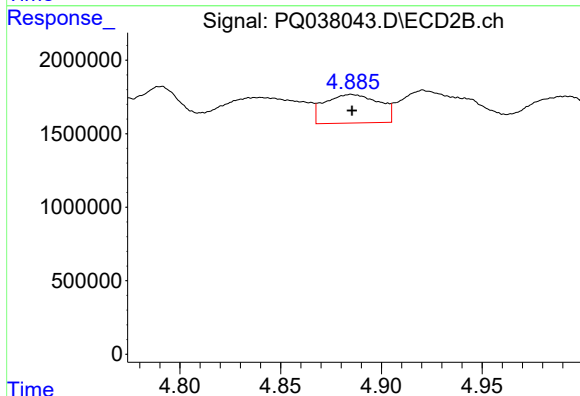
R.T.: 4.702 min
Delta R.T.: -0.010 min
Response: 15023702
Conc: 88.69 ng/ml



#5 AR-1016-3

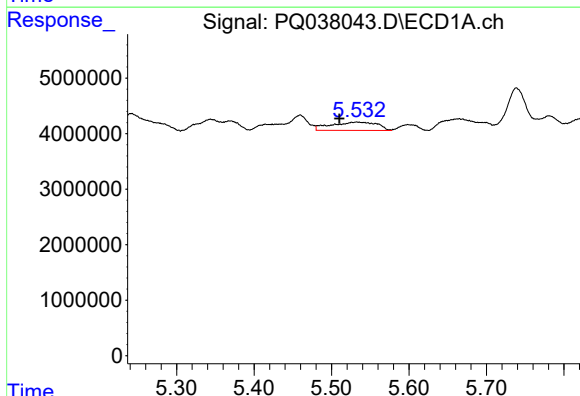
R.T.: 5.369 min
Delta R.T.: -0.042 min
Response: 2014896
Conc: 11.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



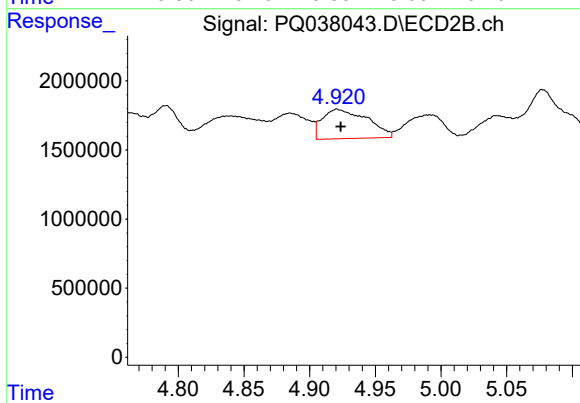
#5 AR-1016-3

R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 3654291
Conc: 42.40 ng/ml



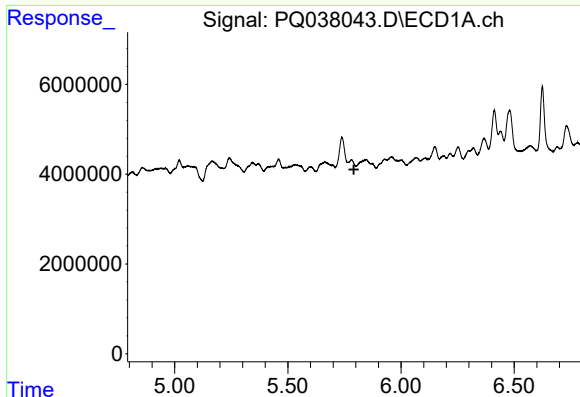
#6 AR-1016-4

R.T.: 5.533 min
Delta R.T.: 0.022 min
Response: 6117384
Conc: 40.89 ng/ml



#6 AR-1016-4

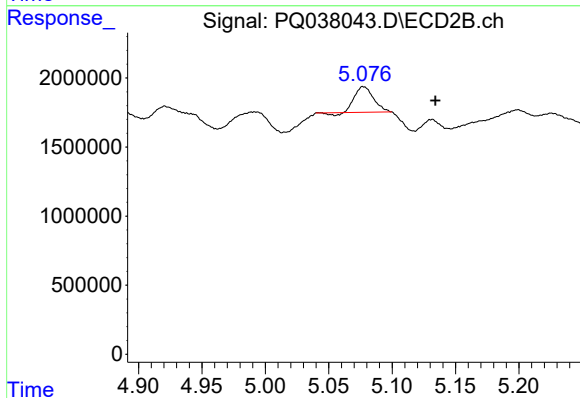
R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 5066099
Conc: 73.23 ng/ml



#7 AR-1016-5

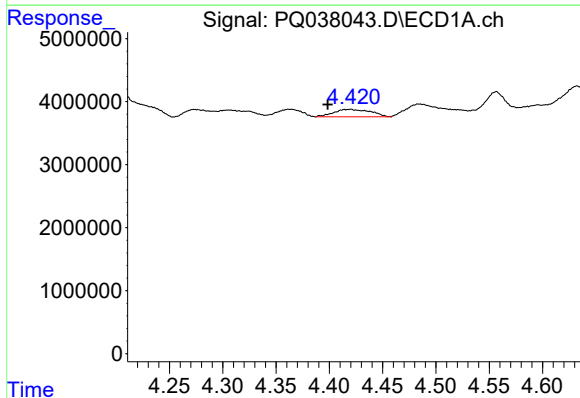
R.T.: 5.781 min
Delta R.T.: -0.011 min
Response: -528
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



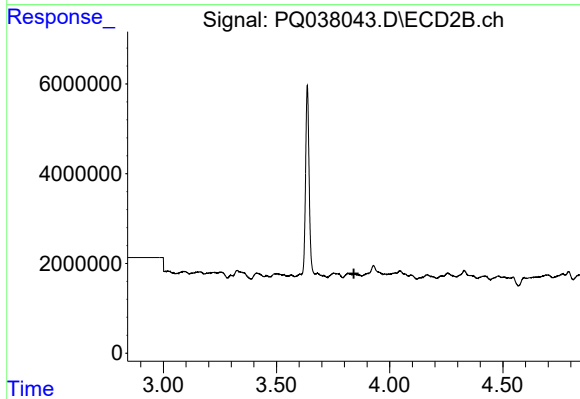
#7 AR-1016-5

R.T.: 5.077 min
Delta R.T.: -0.057 min
Response: 1840430
Conc: 21.11 ng/ml



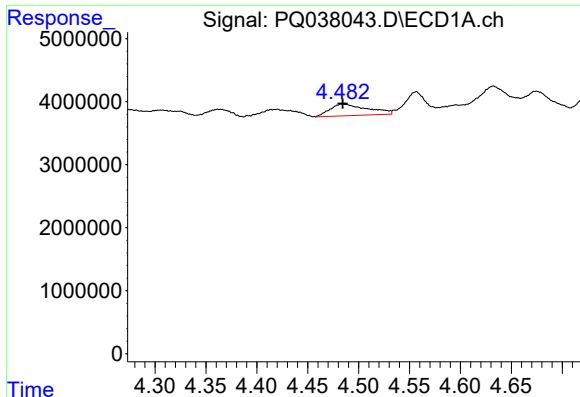
#8 AR-1221-1

R.T.: 4.420 min
Delta R.T.: 0.021 min
Response: 2851511
Conc: 44.94 ng/ml



#8 AR-1221-1

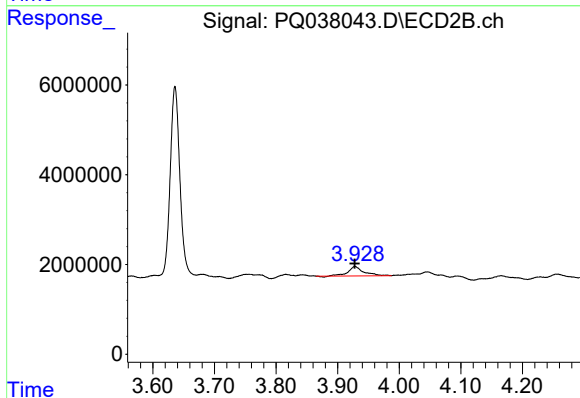
R.T.: 0.000 min
Exp R.T.: 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

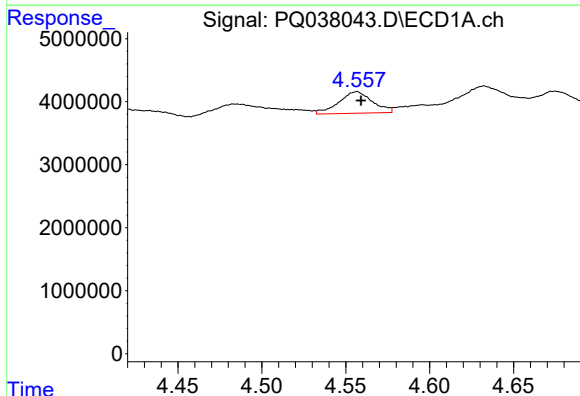
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 4762358
Conc: 102.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



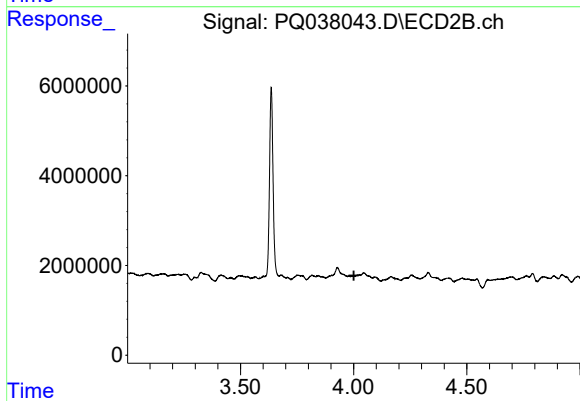
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 3689183
Conc: 143.77 ng/ml



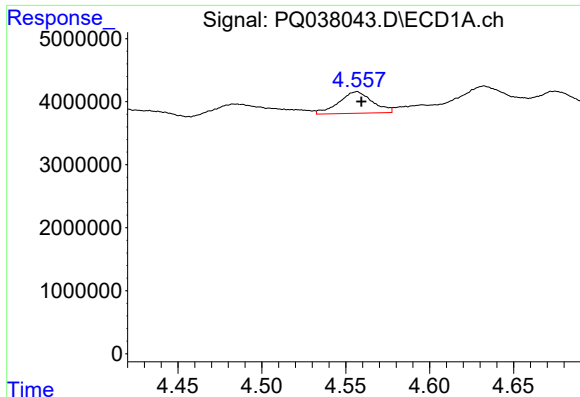
#10 AR-1221-3

R.T.: 4.556 min
Delta R.T.: -0.003 min
Response: 4805148
Conc: 31.44 ng/ml



#10 AR-1221-3

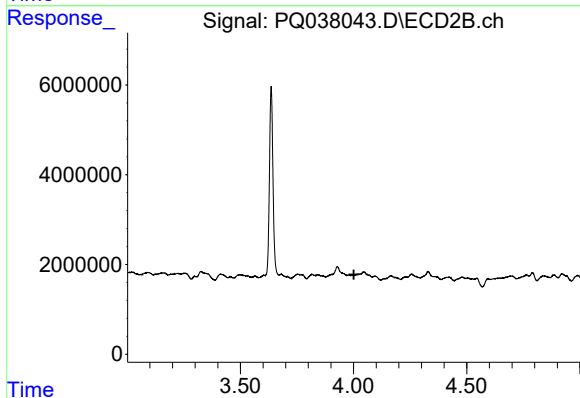
R.T.: 0.000 min
Exp R.T.: 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

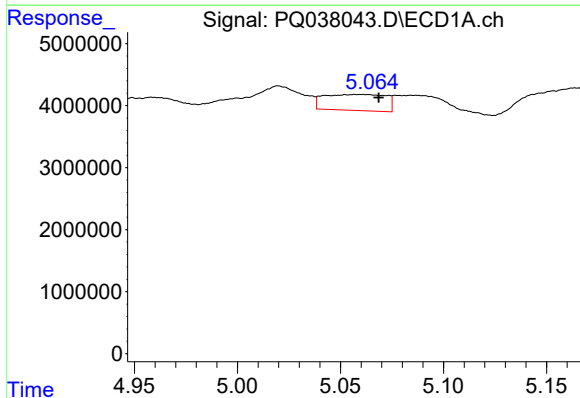
R.T.: 4.556 min
Delta R.T.: -0.003 min
Response: 4805148
Conc: 38.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



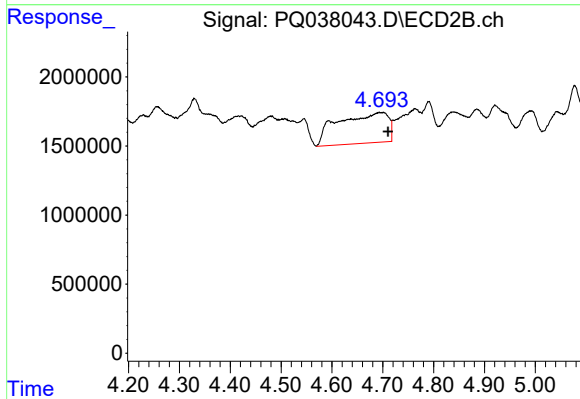
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



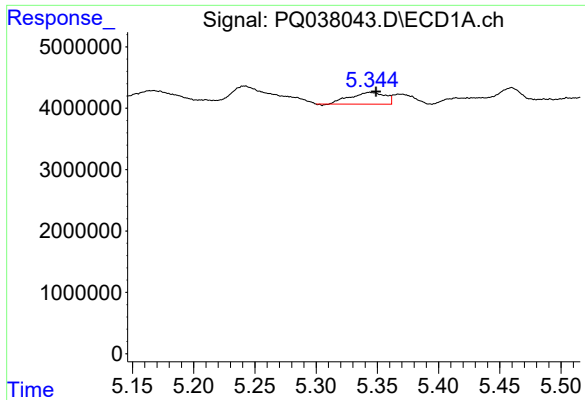
#12 AR-1232-2

R.T.: 5.061 min
Delta R.T.: -0.007 min
Response: 5387399
Conc: 91.49 ng/ml



#12 AR-1232-2

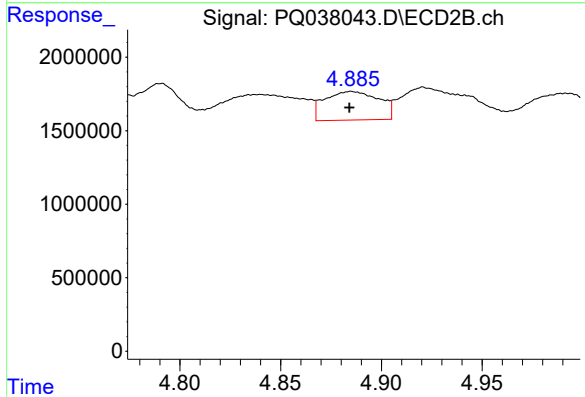
R.T.: 4.702 min
Delta R.T.: -0.008 min
Response: 15023702
Conc: 212.49 ng/ml



#13 AR-1232-3

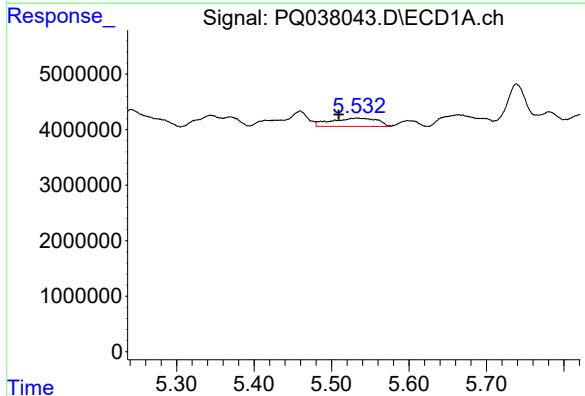
R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 3784502
Conc: 30.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



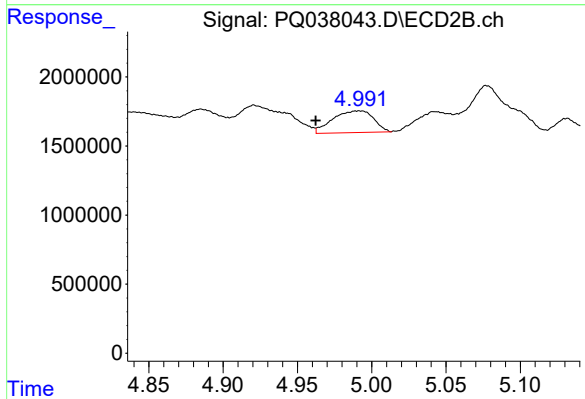
#13 AR-1232-3

R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 3654291
Conc: 109.31 ng/ml



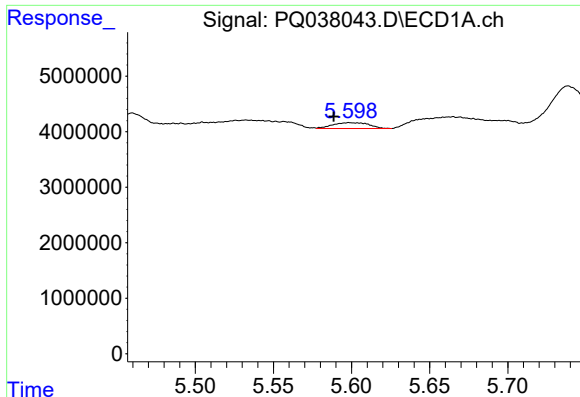
#14 AR-1232-4

R.T.: 5.533 min
Delta R.T.: 0.023 min
Response: 6117384
Conc: 105.03 ng/ml



#14 AR-1232-4

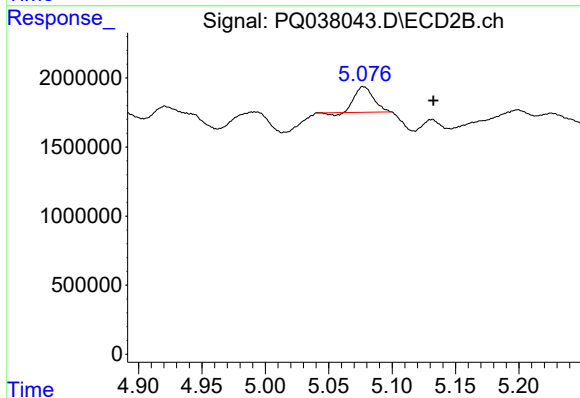
R.T.: 4.992 min
Delta R.T.: 0.029 min
Response: 3015732
Conc: 104.79 ng/ml



#15 AR-1232-5

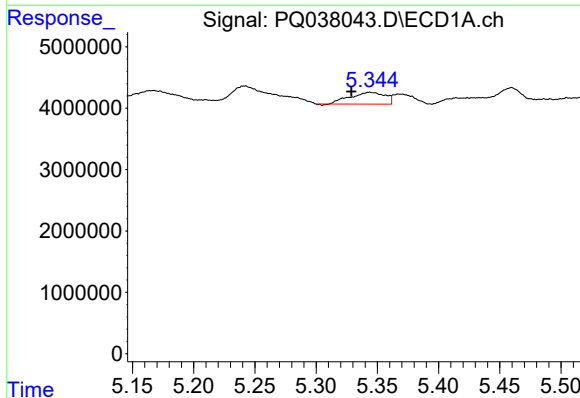
R.T.: 5.599 min
Delta R.T.: 0.010 min
Response: 1701509
Conc: 39.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



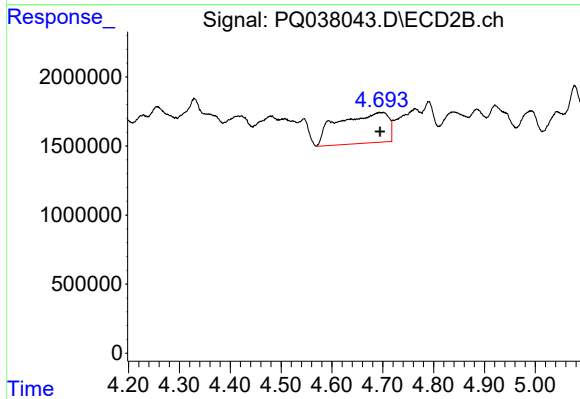
#15 AR-1232-5

R.T.: 5.077 min
Delta R.T.: -0.055 min
Response: 1840430
Conc: 58.06 ng/ml



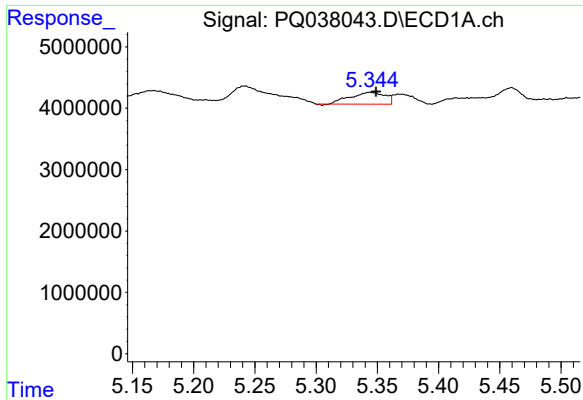
#16 AR-1242-1

R.T.: 5.344 min
Delta R.T.: 0.015 min
Response: 3784502
Conc: 23.03 ng/ml



#16 AR-1242-1

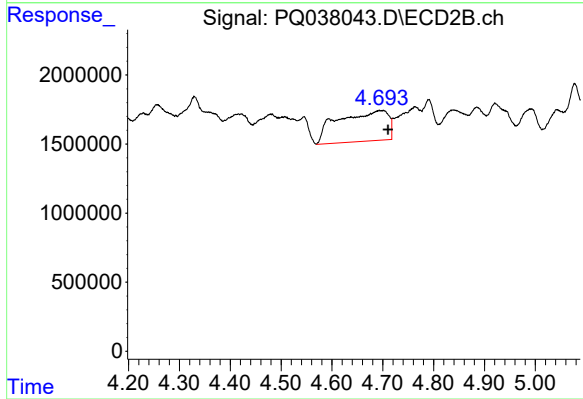
R.T.: 4.702 min
Delta R.T.: 0.007 min
Response: 15023702
Conc: 163.73 ng/ml



#17 AR-1242-2

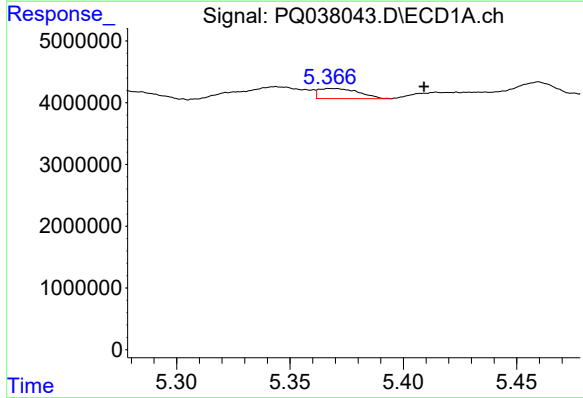
R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 3784502
Conc: 14.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



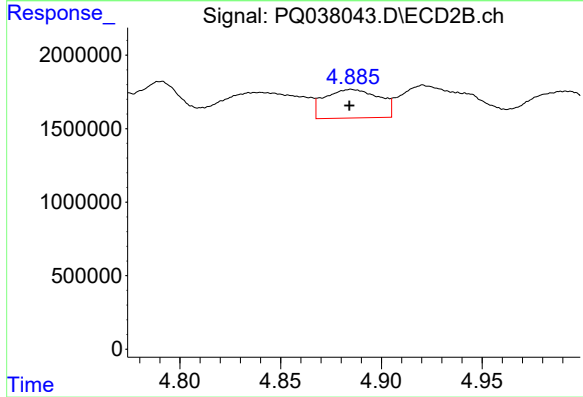
#17 AR-1242-2

R.T.: 4.702 min
Delta R.T.: -0.008 min
Response: 15023702
Conc: 107.52 ng/ml



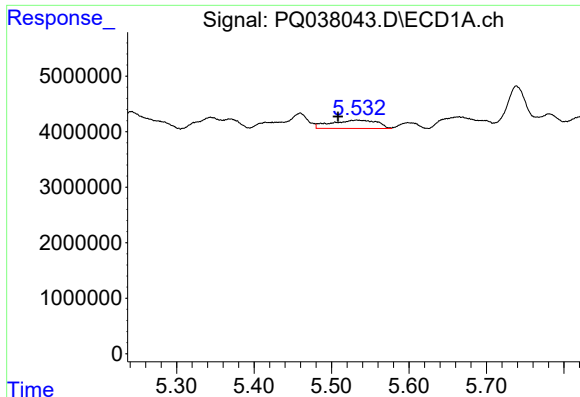
#18 AR-1242-3

R.T.: 5.369 min
Delta R.T.: -0.040 min
Response: 2014896
Conc: 13.66 ng/ml



#18 AR-1242-3

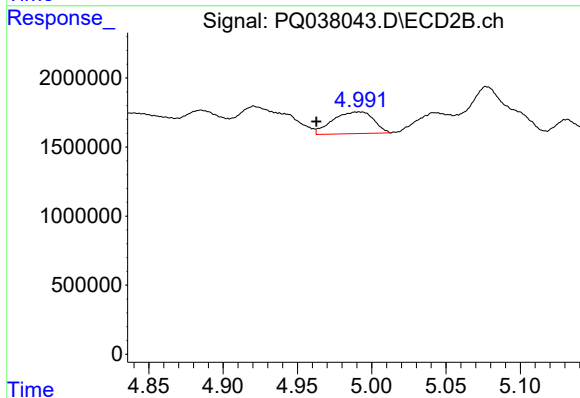
R.T.: 4.885 min
Delta R.T.: 0.001 min
Response: 3654291
Conc: 52.88 ng/ml



#19 AR-1242-4

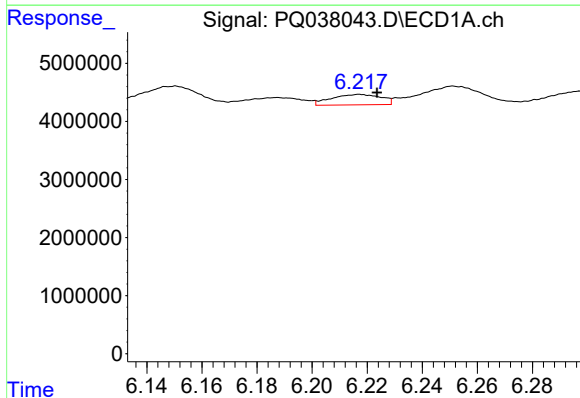
R.T.: 5.533 min
Delta R.T.: 0.024 min
Response: 6117384
Conc: 49.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



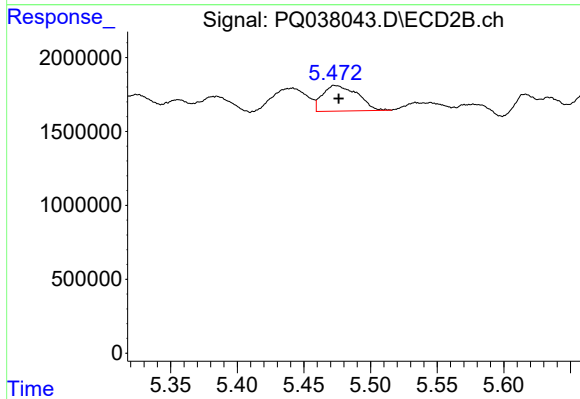
#19 AR-1242-4

R.T.: 4.992 min
Delta R.T.: 0.029 min
Response: 3015732
Conc: 47.25 ng/ml



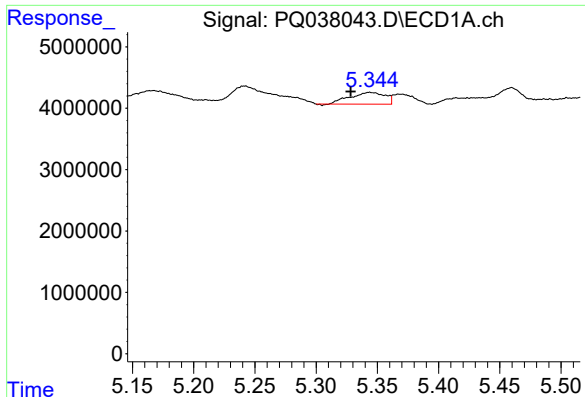
#20 AR-1242-5

R.T.: 6.217 min
Delta R.T.: -0.006 min
Response: 2233309
Conc: 16.35 ng/ml



#20 AR-1242-5

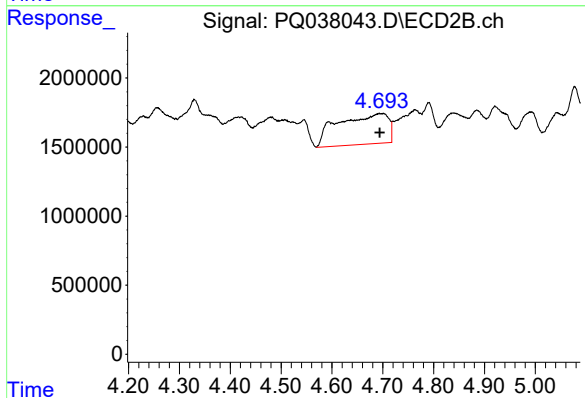
R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 3153496
Conc: 36.48 ng/ml



#21 AR-1248-1

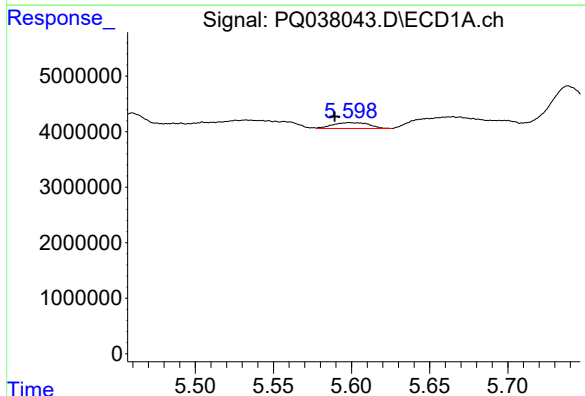
R.T.: 5.344 min
Delta R.T.: 0.016 min
Response: 3784502
Conc: 23.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



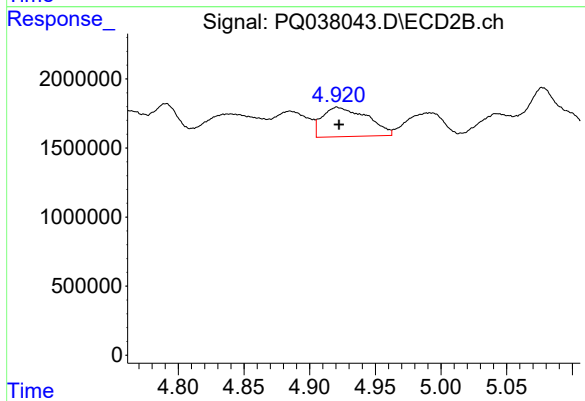
#21 AR-1248-1

R.T.: 4.702 min
Delta R.T.: 0.007 min
Response: 15023702
Conc: 162.89 ng/ml



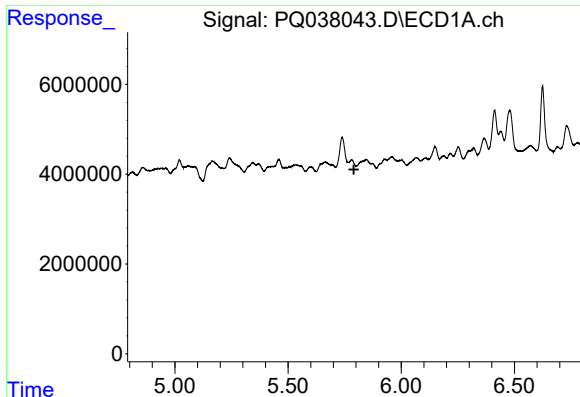
#22 AR-1248-2

R.T.: 5.599 min
Delta R.T.: 0.009 min
Response: 1701509
Conc: 7.77 ng/ml



#22 AR-1248-2

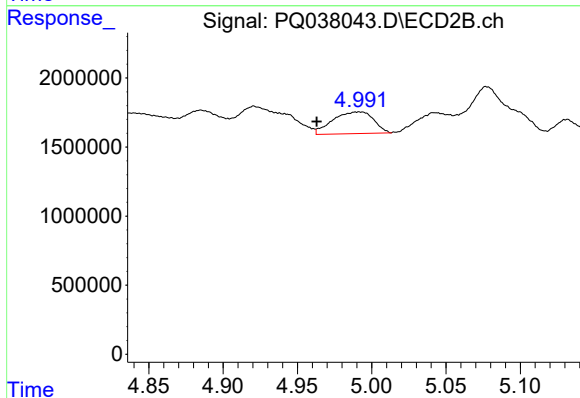
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 5066099
Conc: 42.30 ng/ml



#23 AR-1248-3

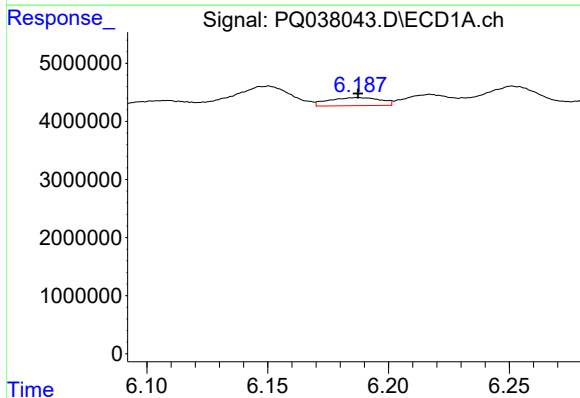
R.T.: 5.781 min
Delta R.T.: -0.010 min
Response: -528
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



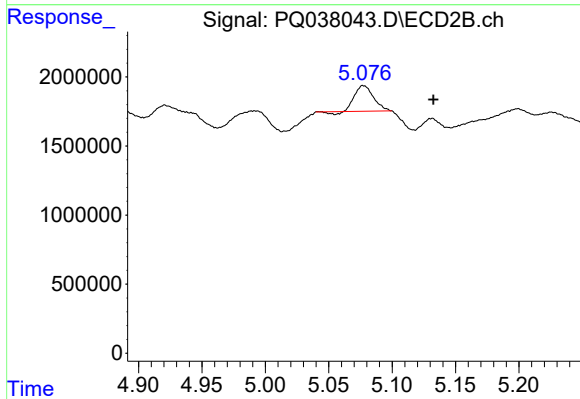
#23 AR-1248-3

R.T.: 4.992 min
Delta R.T.: 0.029 min
Response: 3015732
Conc: 24.85 ng/ml



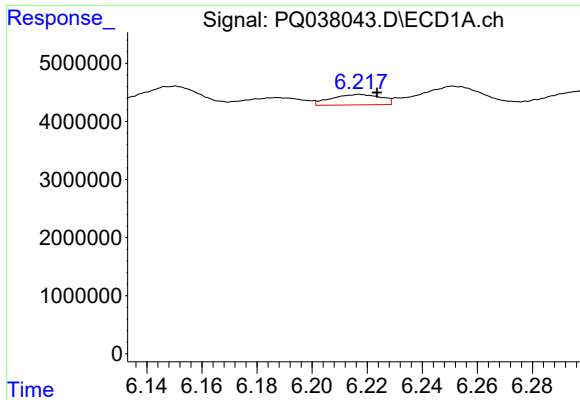
#24 AR-1248-4

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 2047246
Conc: 7.32 ng/ml



#24 AR-1248-4

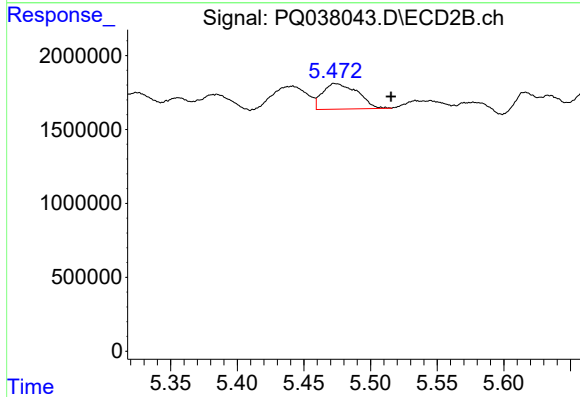
R.T.: 5.077 min
Delta R.T.: -0.055 min
Response: 1840430
Conc: 12.38 ng/ml



#25 AR-1248-5

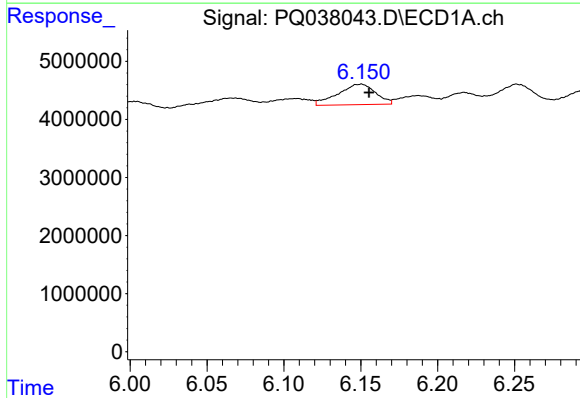
R.T.: 6.217 min
Delta R.T.: -0.006 min
Response: 2233309
Conc: 8.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



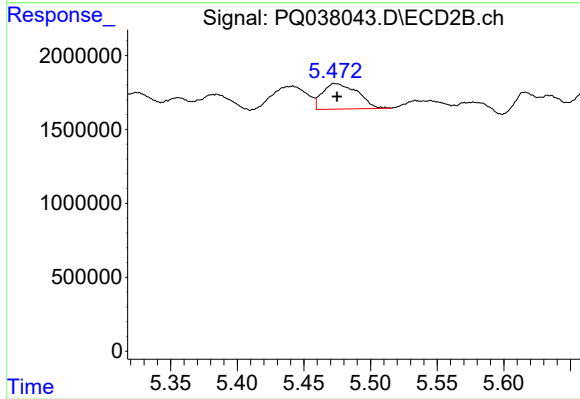
#25 AR-1248-5

R.T.: 5.473 min
Delta R.T.: -0.042 min
Response: 3153496
Conc: 21.68 ng/ml



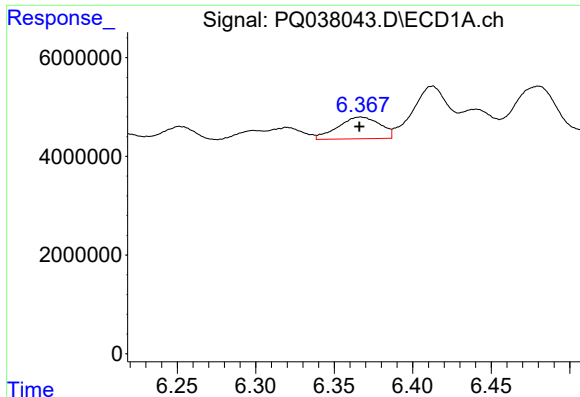
#26 AR-1254-1

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 6027548
Conc: 30.68 ng/ml



#26 AR-1254-1

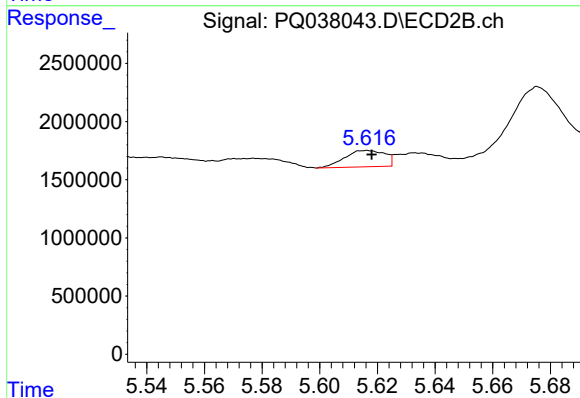
R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 3153496
Conc: 20.47 ng/ml



#27 AR-1254-2

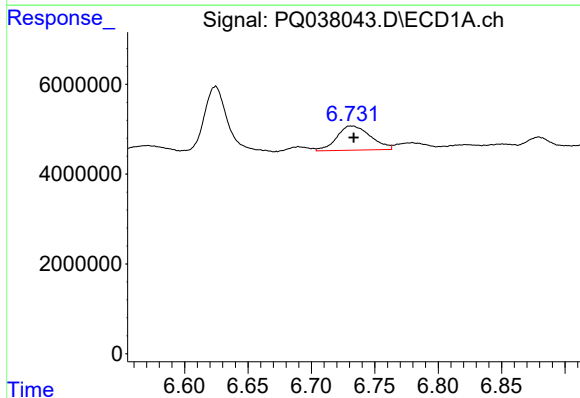
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 8234520
Conc: 26.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



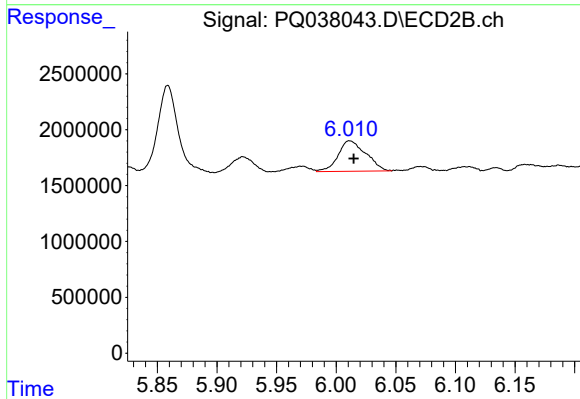
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 1343138
Conc: 10.35 ng/ml



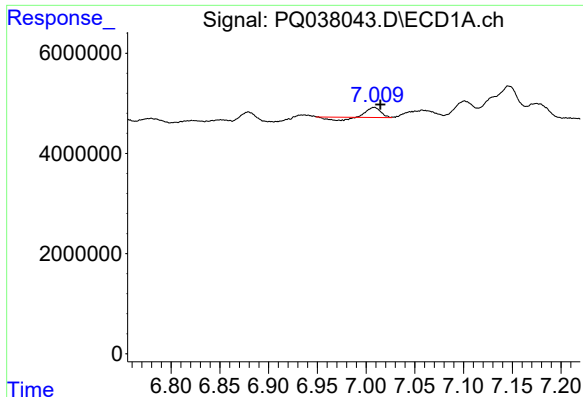
#28 AR-1254-3

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 10051345
Conc: 32.28 ng/ml



#28 AR-1254-3

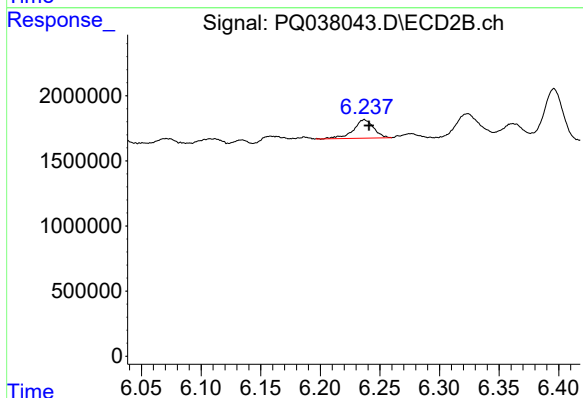
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 4426031
Conc: 20.92 ng/ml



#29 AR-1254-4

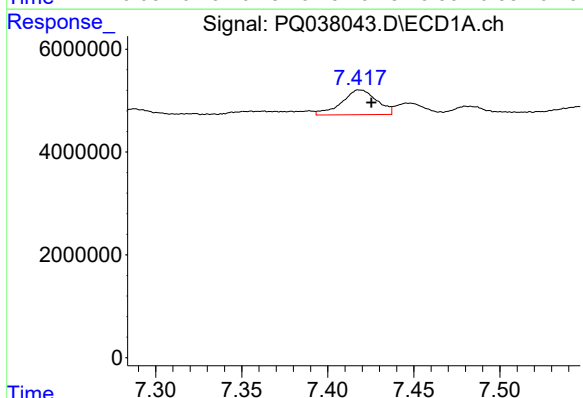
R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 1247477
Conc: 4.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



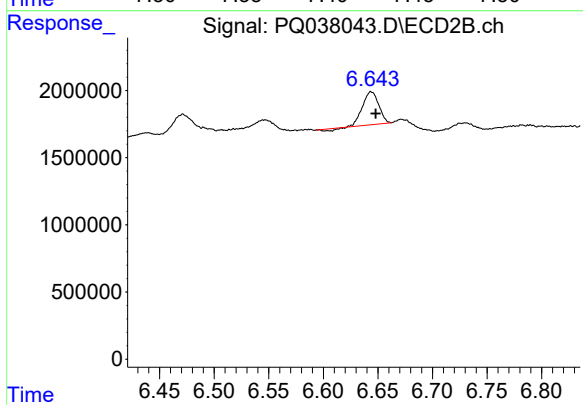
#29 AR-1254-4

R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 1679895
Conc: 10.47 ng/ml



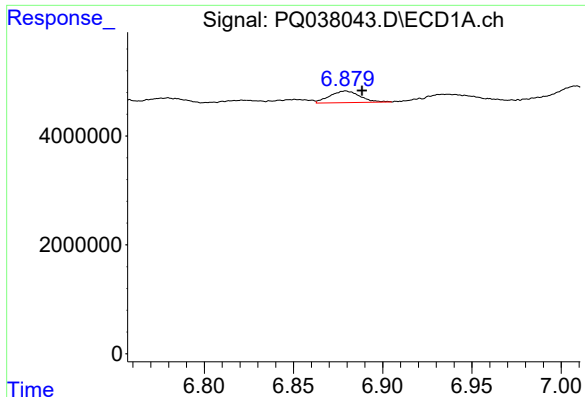
#30 AR-1254-5

R.T.: 7.419 min
Delta R.T.: -0.007 min
Response: 6861998
Conc: 23.26 ng/ml



#30 AR-1254-5

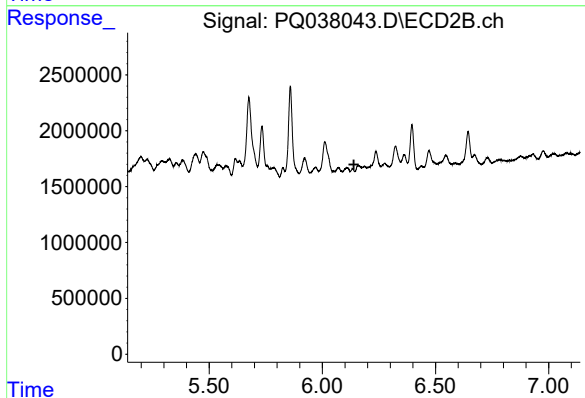
R.T.: 6.644 min
Delta R.T.: -0.004 min
Response: 2427990
Conc: 13.96 ng/ml



#31 AR-1260-1

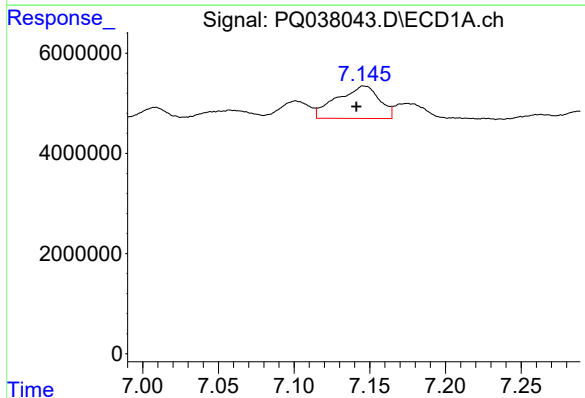
R.T.: 6.879 min
Delta R.T.: -0.009 min
Response: 2522734
Conc: 9.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



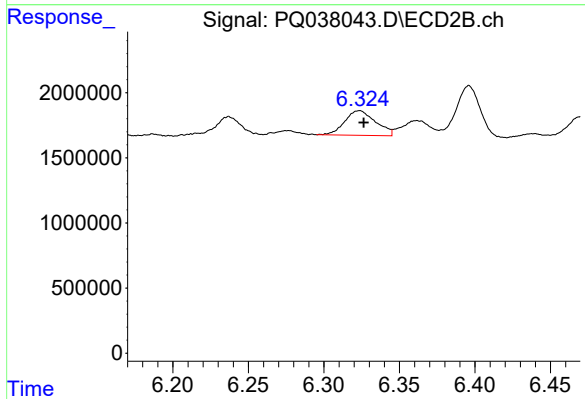
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



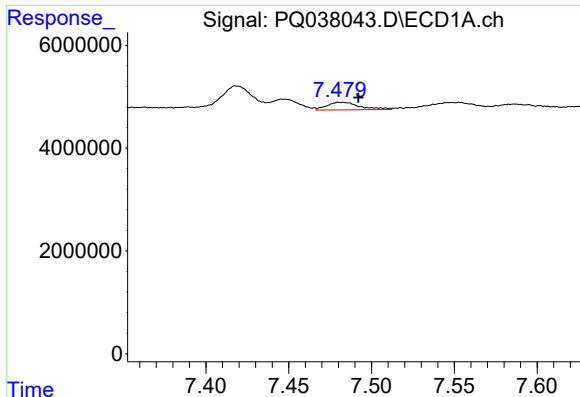
#32 AR-1260-2

R.T.: 7.146 min
Delta R.T.: 0.005 min
Response: 12688298
Conc: 36.81 ng/ml



#32 AR-1260-2

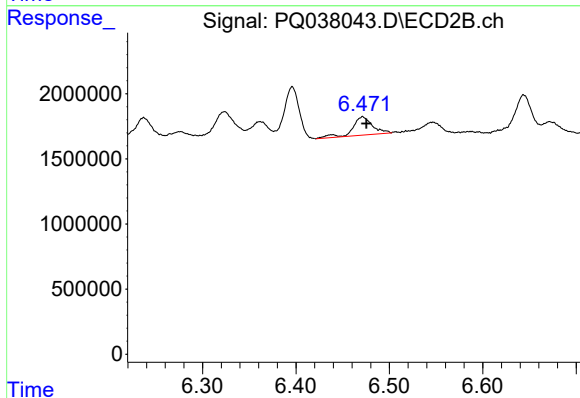
R.T.: 6.323 min
Delta R.T.: -0.003 min
Response: 2695074
Conc: 14.28 ng/ml



#33 AR-1260-3

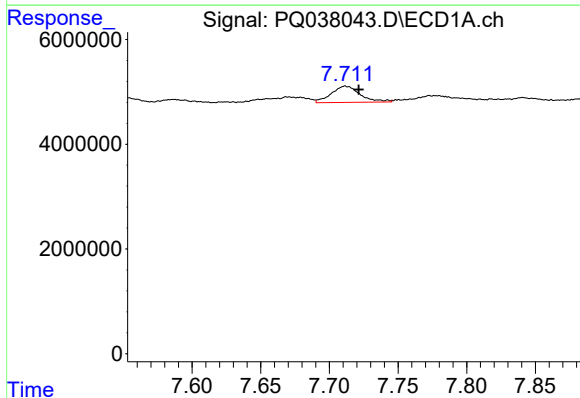
R.T.: 7.481 min
Delta R.T.: -0.011 min
Response: 2056564
Conc: 7.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



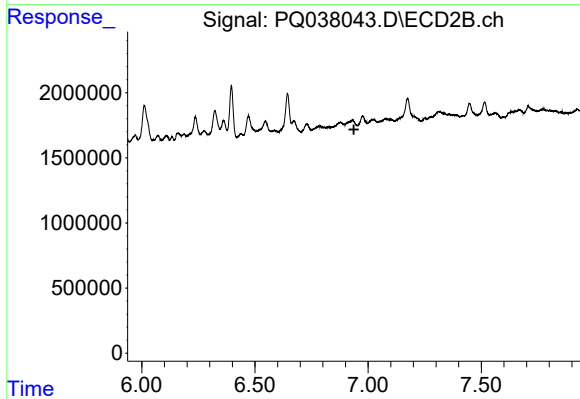
#33 AR-1260-3

R.T.: 6.471 min
Delta R.T.: -0.004 min
Response: 2065834
Conc: 12.13 ng/ml



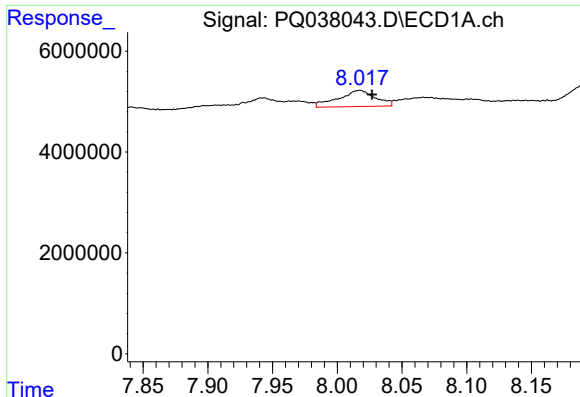
#34 AR-1260-4

R.T.: 7.712 min
Delta R.T.: -0.010 min
Response: 4543802
Conc: 16.88 ng/ml



#34 AR-1260-4

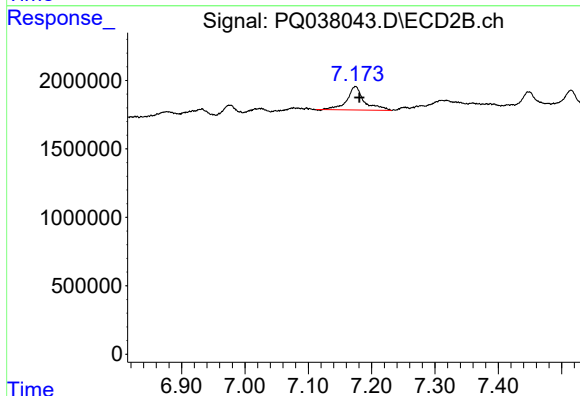
R.T.: 0.000 min
Exp R.T.: 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

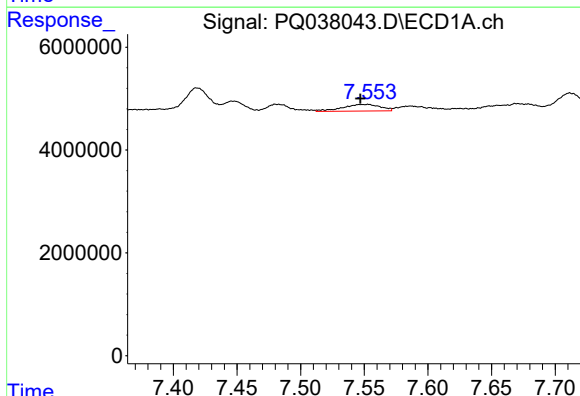
R.T.: 8.017 min
Delta R.T.: -0.010 min
Response: 6370629
Conc: 10.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



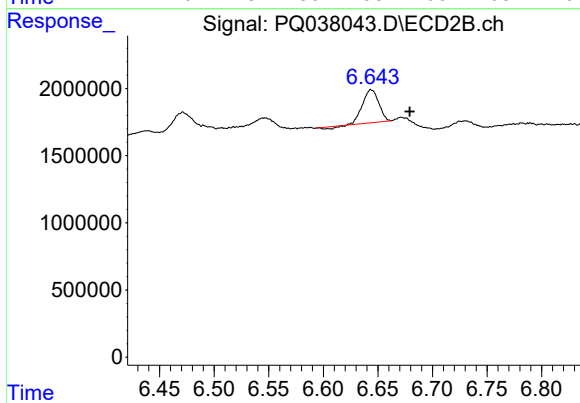
#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: -0.006 min
Response: 3279338
Conc: 9.89 ng/ml



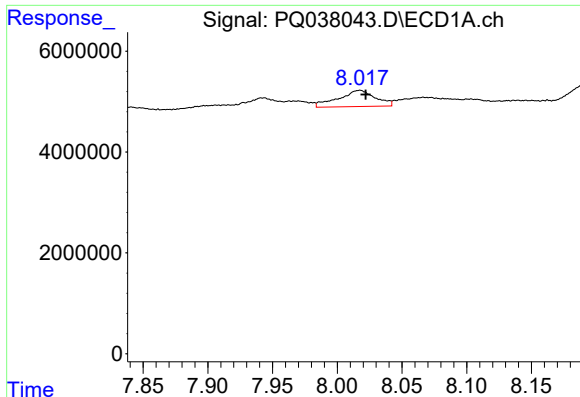
#36 AR-1262-1

R.T.: 7.553 min
Delta R.T.: 0.006 min
Response: 2677734
Conc: 17.34 ng/ml



#36 AR-1262-1

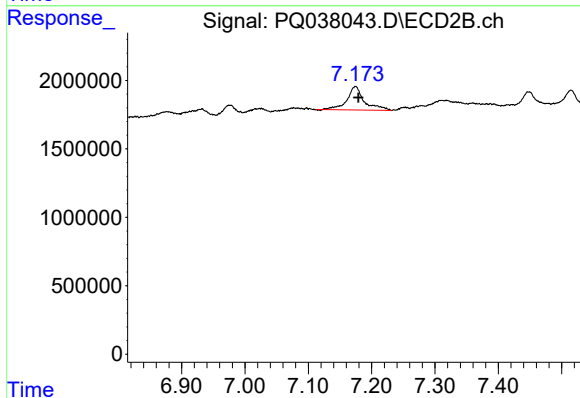
R.T.: 6.644 min
Delta R.T.: -0.035 min
Response: 2427990
Conc: 11.49 ng/ml



#37 AR-1262-2

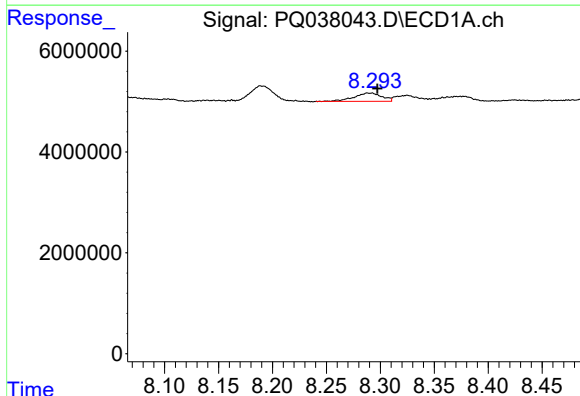
R.T.: 8.017 min
Delta R.T.: -0.005 min
Response: 6370629
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



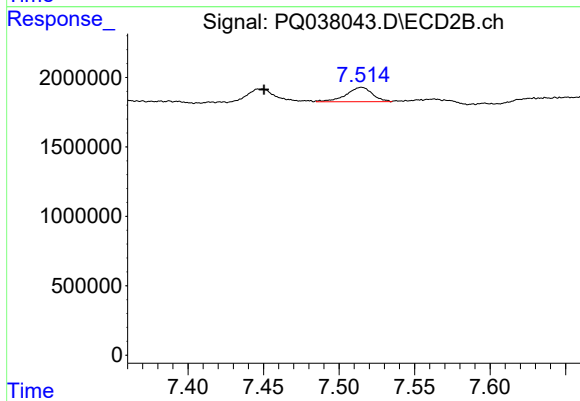
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: -0.005 min
Response: 3279338
Conc: 8.73 ng/ml



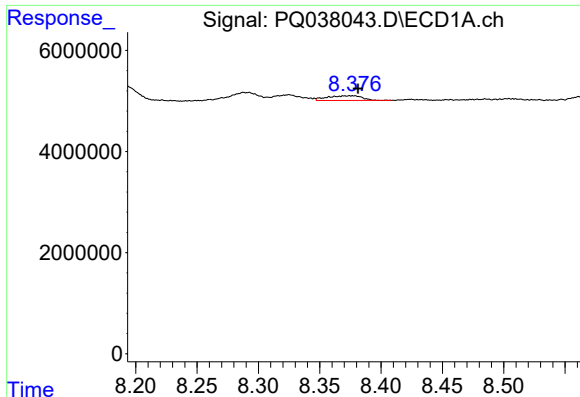
#38 AR-1262-3

R.T.: 8.291 min
Delta R.T.: -0.006 min
Response: 2933493
Conc: 9.79 ng/ml



#38 AR-1262-3

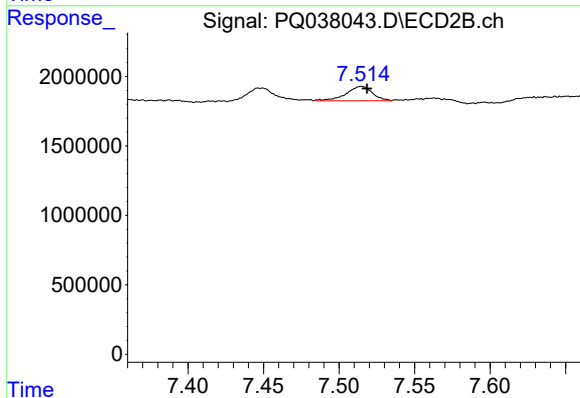
R.T.: 7.515 min
Delta R.T.: 0.065 min
Response: 1248801
Conc: 8.45 ng/ml



#39 AR-1262-4

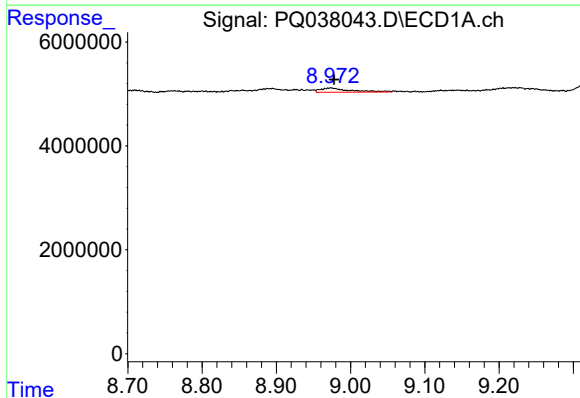
R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 1847068
Conc: 5.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



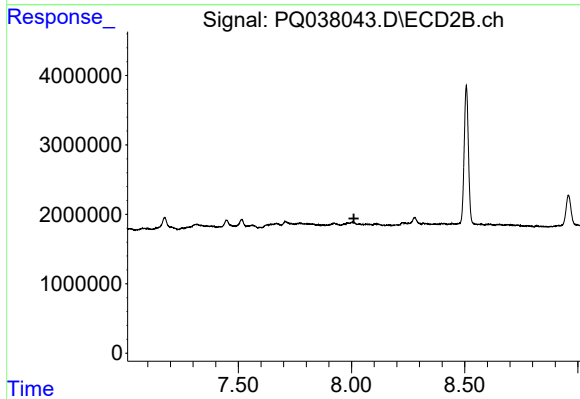
#39 AR-1262-4

R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 1248801
Conc: 4.66 ng/ml



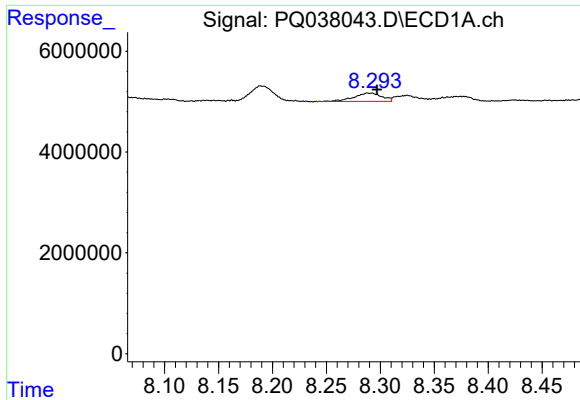
#40 AR-1262-5

R.T.: 8.973 min
Delta R.T.: -0.005 min
Response: 2297720
Conc: 9.62 ng/ml



#40 AR-1262-5

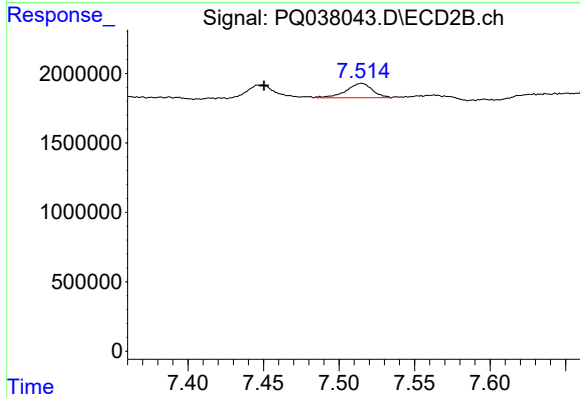
R.T.: 0.000 min
Exp R.T.: 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

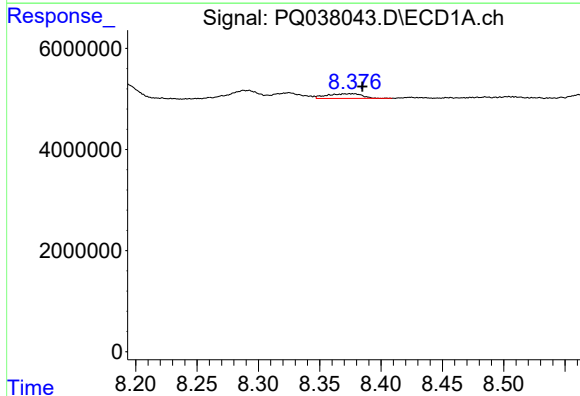
R.T.: 8.291 min
Delta R.T.: -0.006 min
Response: 2933493
Conc: 3.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



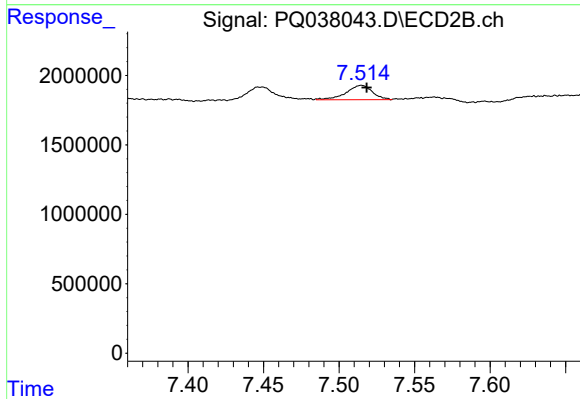
#41 AR-1268-1

R.T.: 7.515 min
Delta R.T.: 0.065 min
Response: 1248801
Conc: 3.09 ng/ml



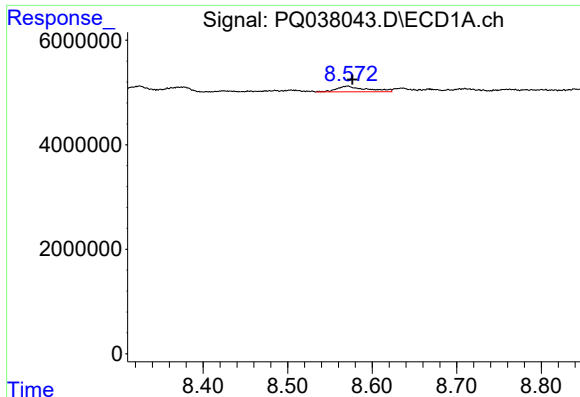
#42 AR-1268-2

R.T.: 8.377 min
Delta R.T.: -0.008 min
Response: 1847068
Conc: 2.47 ng/ml



#42 AR-1268-2

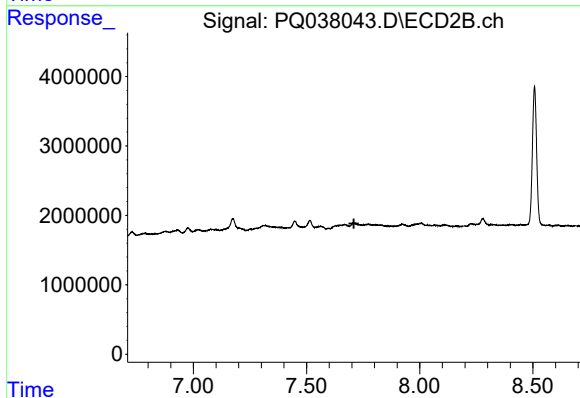
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 1248801
Conc: 3.34 ng/ml



#43 AR-1268-3

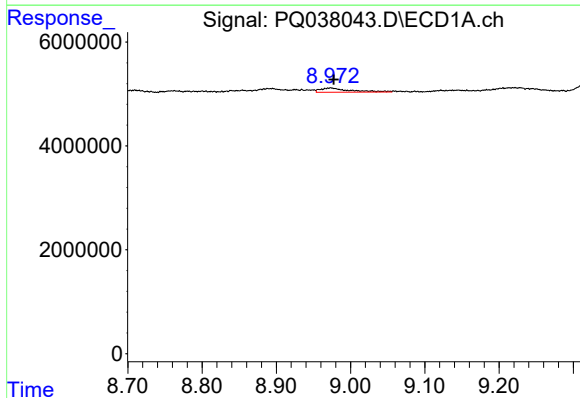
R.T.: 8.571 min
Delta R.T.: -0.005 min
Response: 2677816
Conc: 4.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



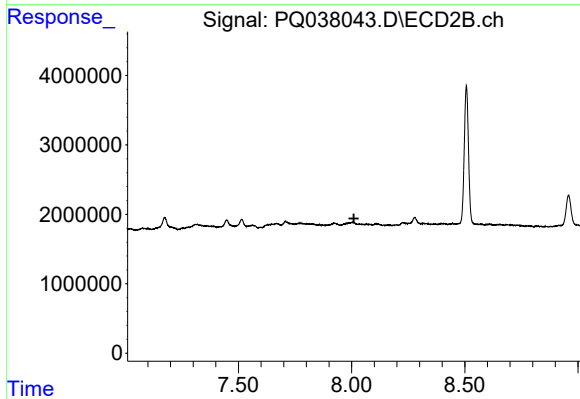
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



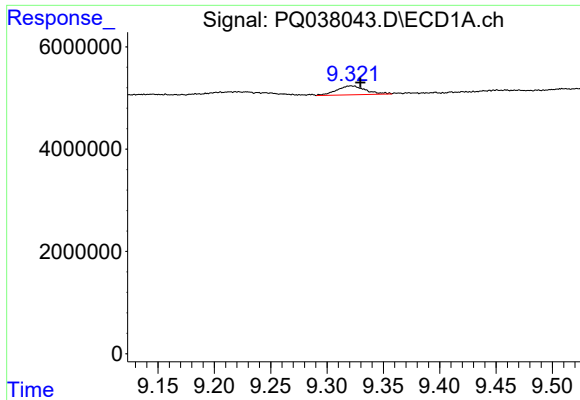
#44 AR-1268-4

R.T.: 8.973 min
Delta R.T.: -0.004 min
Response: 2297720
Conc: 8.88 ng/ml



#44 AR-1268-4

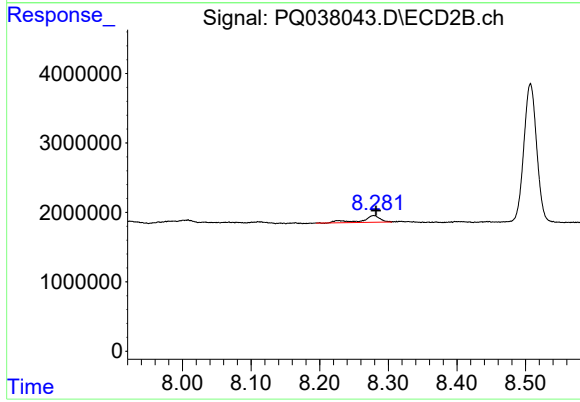
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: -0.009 min
Response: 3082543
Conc: 1.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 1776681
Conc: 1.88 ng/ml