

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022519\
 Data File : PQ037504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2019 10:28
 Operator : SM\SJ
 Sample : K1549-04RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleID :
 NB-022019RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:52:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 23 04:01:25 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...	4.241	3.660	46825098	14308299	7.474	4.282 #
2)	SA Decachlor...	9.727	8.560	18146569	13577468	3.515	5.887 #
Target Compounds							
3)	L1 AR-1016-1	5.428	4.779	5208719	4258022	27.954	41.111 #
4)	L1 AR-1016-2	5.428	4.779	5208719	4258022	18.331	27.477 #
5)	L1 AR-1016-3	5.494	4.966	1830019	1327312	11.017	17.128 #
6)	L1 AR-1016-4	5.532	4.966	5478942	1327312	39.765	20.866 #
7)	L1 AR-1016-5	5.827	0.000	721075	0	5.285	N.D. #
8)	L2 AR-1221-1	4.434	0.000	1492851	0	14.192	N.D. #
9)	L2 AR-1221-2	4.538	0.000	5734841	0	79.034	N.D. #
10)	L2 AR-1221-3	4.584	4.074	6910564	1867515	26.573	13.160 #
11)	L3 AR-1232-1	4.584	4.074	6910564	1867515	64.554	30.986 #
12)	L3 AR-1232-2	5.127	4.779	13084887	4258022	237.229	64.908 #
13)	L3 AR-1232-3	5.428	4.966	5208719	1327312	44.118	41.246
14)	L3 AR-1232-4	5.532	4.966	5478942	1327312	97.463	47.027 #
15)	L3 AR-1232-5	5.660	0.000	3505806	0	83.270	N.D. #
16)	L4 AR-1242-1	5.428	4.779	5208719	4258022	35.437	52.127 #
17)	L4 AR-1242-2	5.428	4.779	5208719	4258022	23.040	34.646 #
18)	L4 AR-1242-3	5.494	4.966	1830019	1327312	13.813	21.425 #
19)	L4 AR-1242-4	5.532	4.966	5478942	1327312	50.236	22.358 #
21)	L5 AR-1248-1	5.428	4.779	5208719	4258022	51.662	73.923 #
22)	L5 AR-1248-2	5.660	4.966	3505806	1327312	25.337	17.885 #
23)	L5 AR-1248-3	5.827	4.966	721075	1327312	4.655	17.768 #
24)	L5 AR-1248-4	6.196	0.000	21376976	0	119.443	N.D. #
26)	L6 AR-1254-1	6.196	0.000	21376976	0	103.827	N.D. #
28)	L6 AR-1254-3	6.827	6.069	4062512	16546202	12.354	78.695 #
29)	L6 AR-1254-4	7.061	6.291	4606168	21471938	17.592	138.359 #
30)	L6 AR-1254-5	7.486	6.656	17640941	43028862	70.579	250.865 #
31)	L7 AR-1260-1	6.993	6.175	6808982	15855003	24.335	100.709 #
32)	L7 AR-1260-2	7.175	6.348	14580680	16333746	40.859	85.582 #
33)	L7 AR-1260-3	7.565	6.503	79556119	14219796	343.088	81.891 #
34)	L7 AR-1260-4	7.783	6.935	21682630	23529461	87.968	205.677 #
35)	L7 AR-1260-5	8.043	7.273	19702326	27566943	37.348	98.388 #
36)	L8 AR-1262-1	7.669	6.716	25635261	23961245	145.017	103.313 #
37)	L8 AR-1262-2	8.043	7.273	19702326	27566943	23.858	66.663 #
38)	L8 AR-1262-3	0.000	7.462	0	11665022	N.D.	71.675 #
39)	L8 AR-1262-4	8.528	7.571	15614907	9993910	38.138	34.248
40)	L8 AR-1262-5	9.061	8.032	25438241	13191711	95.048	108.957
41)	L9 AR-1268-1	0.000	7.462	0	11665022	N.D.	27.160 #
42)	L9 AR-1268-2	8.528	7.571	15614907	9993910	18.480	25.693 #
43)	L9 AR-1268-3	8.661	7.752	3941662	7736284	5.252	23.985 #
44)	L9 AR-1268-4	9.061	8.032	25438241	13191711	97.759	108.458

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Integration File signal 1: autoint1.e
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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
45) L9	AR-1268-5	9.449	8.338	21052525	16609351	10.253	17.798 #

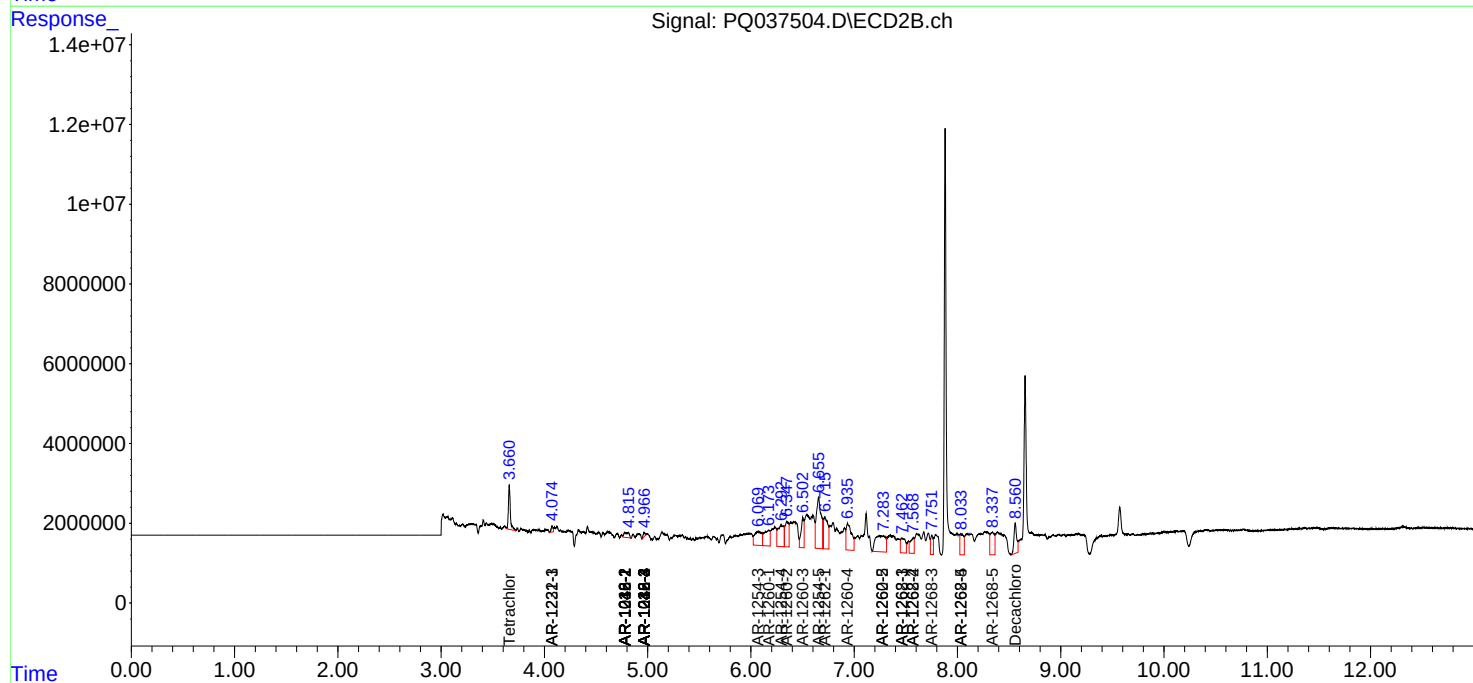
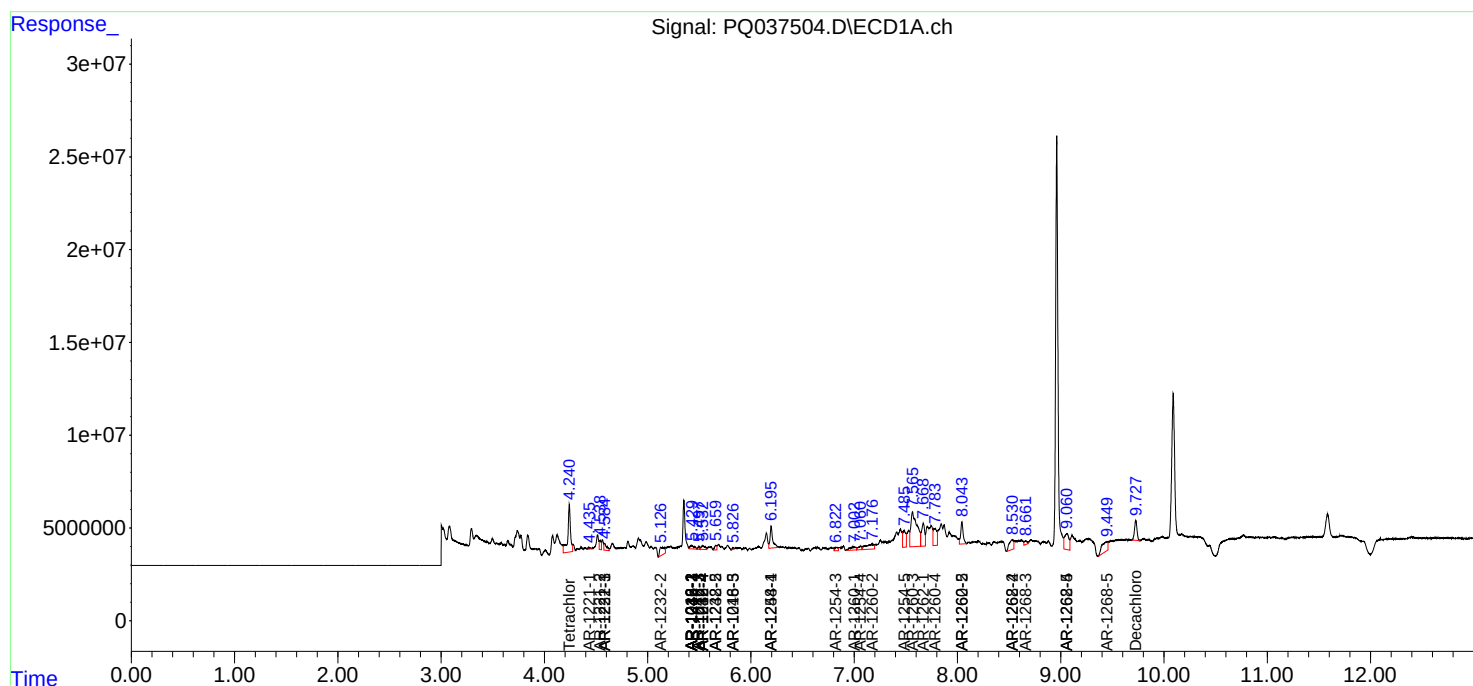
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

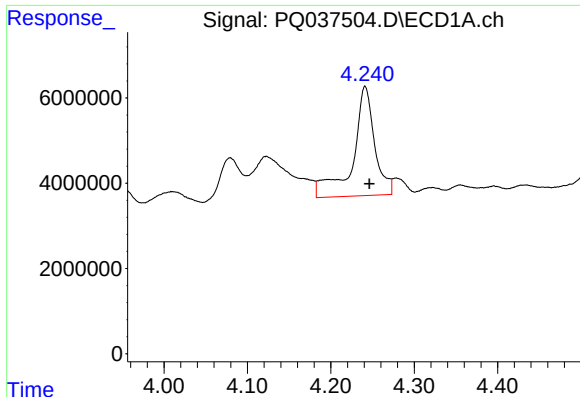
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022519\
Data File : PQ037504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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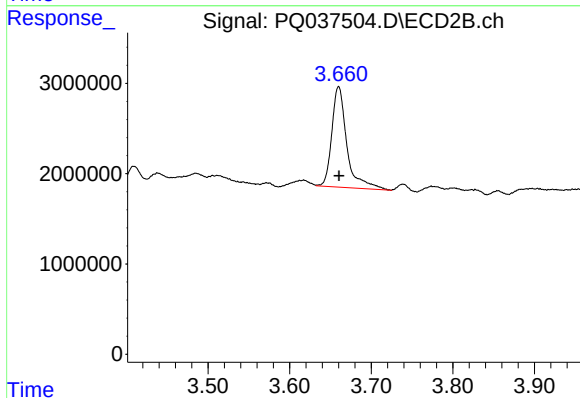




#1 Tetrachloro-m-xylene

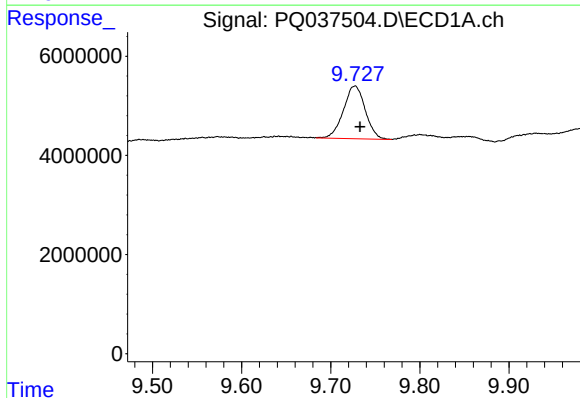
R.T.: 4.241 min
Delta R.T.: -0.005 min
Response: 46825098
Conc: 7.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



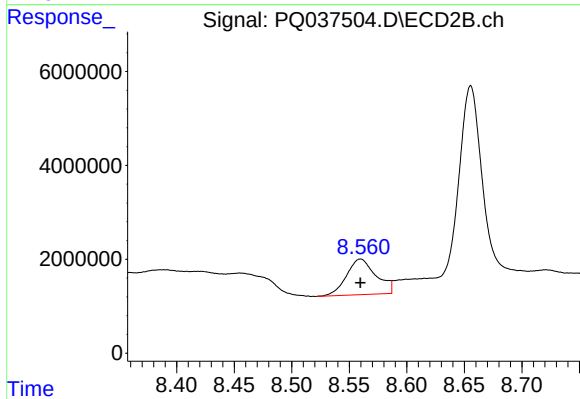
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 14308299
Conc: 4.28 ng/ml



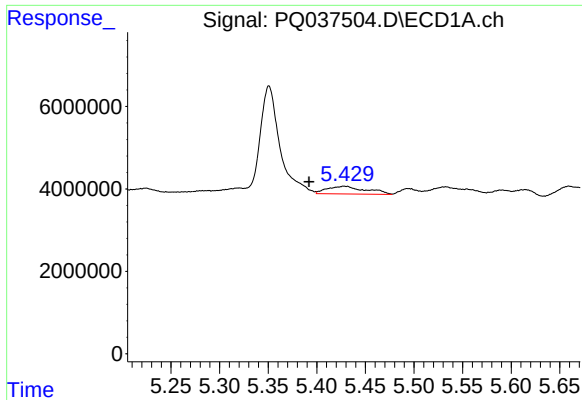
#2 Decachlorobiphenyl

R.T.: 9.727 min
Delta R.T.: -0.006 min
Response: 18146569
Conc: 3.52 ng/ml



#2 Decachlorobiphenyl

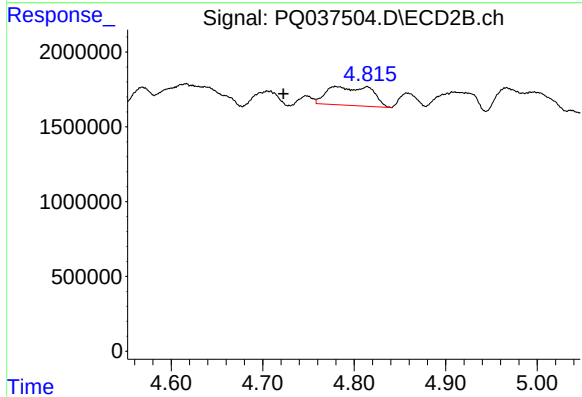
R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 13577468
Conc: 5.89 ng/ml



#3 AR-1016-1

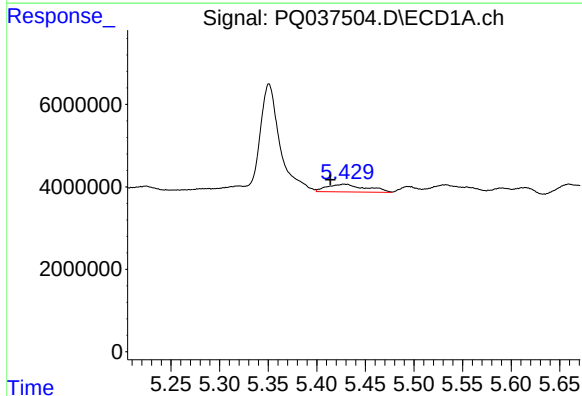
R.T.: 5.428 min
Delta R.T.: 0.036 min
Response: 5208719
Conc: 27.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



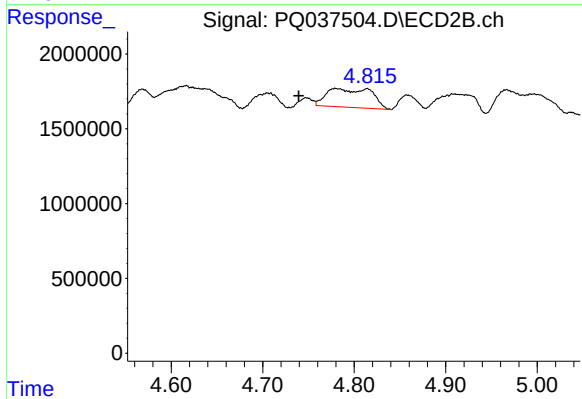
#3 AR-1016-1

R.T.: 4.779 min
Delta R.T.: 0.057 min
Response: 4258022
Conc: 41.11 ng/ml



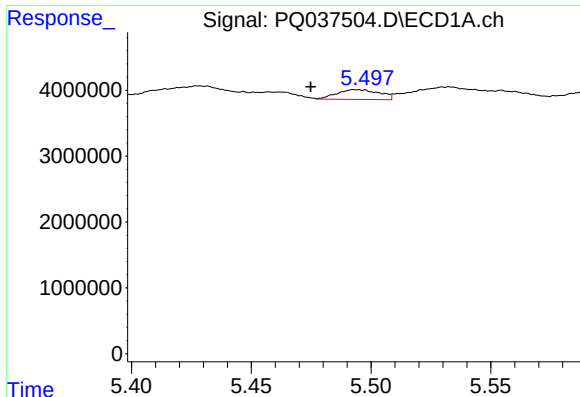
#4 AR-1016-2

R.T.: 5.428 min
Delta R.T.: 0.014 min
Response: 5208719
Conc: 18.33 ng/ml



#4 AR-1016-2

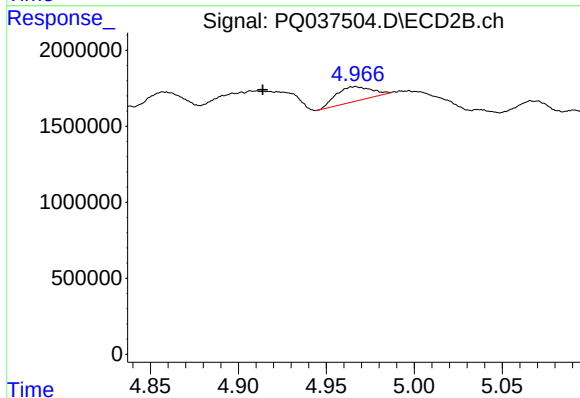
R.T.: 4.779 min
Delta R.T.: 0.040 min
Response: 4258022
Conc: 27.48 ng/ml



#5 AR-1016-3

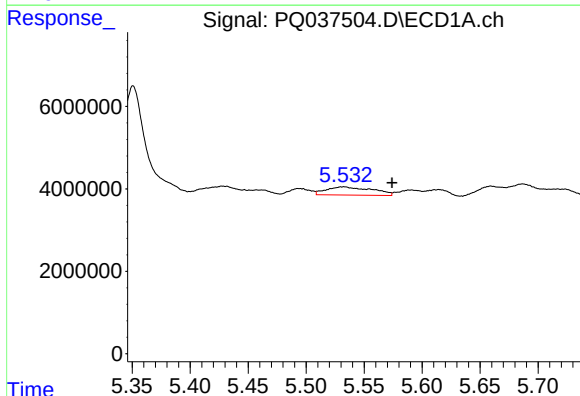
R.T.: 5.494 min
Delta R.T.: 0.019 min
Response: 1830019
Conc: 11.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



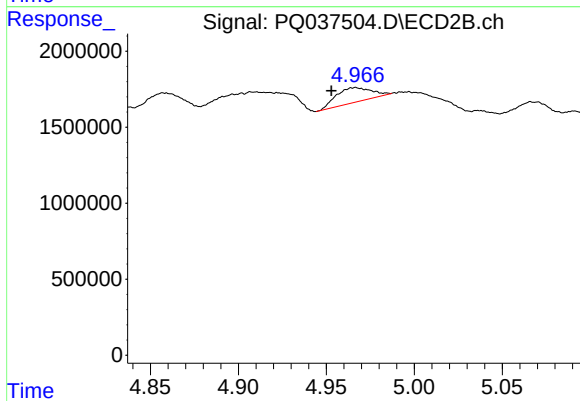
#5 AR-1016-3

R.T.: 4.966 min
Delta R.T.: 0.053 min
Response: 1327312
Conc: 17.13 ng/ml



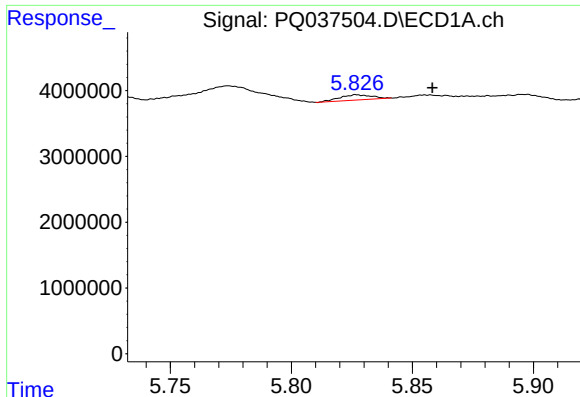
#6 AR-1016-4

R.T.: 5.532 min
Delta R.T.: -0.042 min
Response: 5478942
Conc: 39.76 ng/ml



#6 AR-1016-4

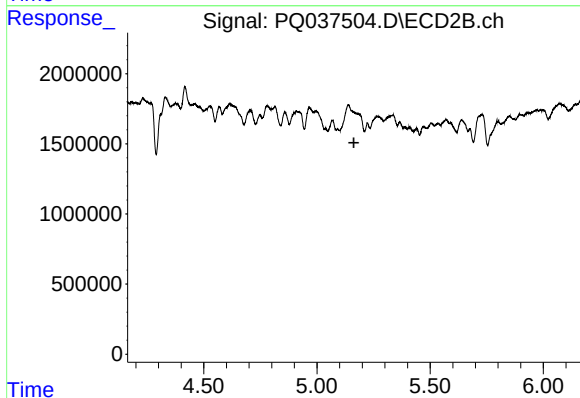
R.T.: 4.966 min
Delta R.T.: 0.014 min
Response: 1327312
Conc: 20.87 ng/ml



#7 AR-1016-5

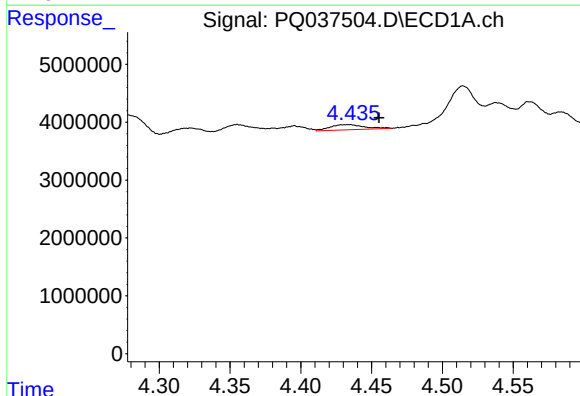
R.T.: 5.827 min
Delta R.T.: -0.031 min
Response: 721075
Conc: 5.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



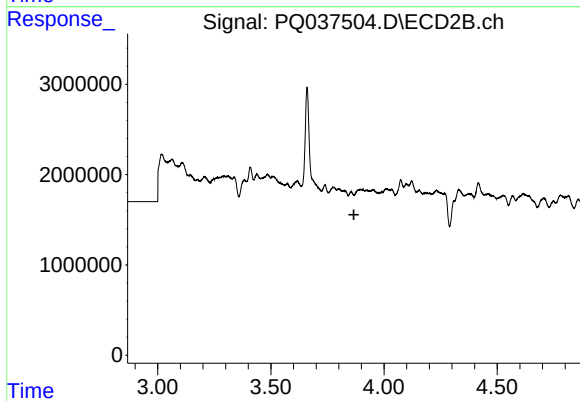
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.163 min
Response: 0
Conc: N.D.



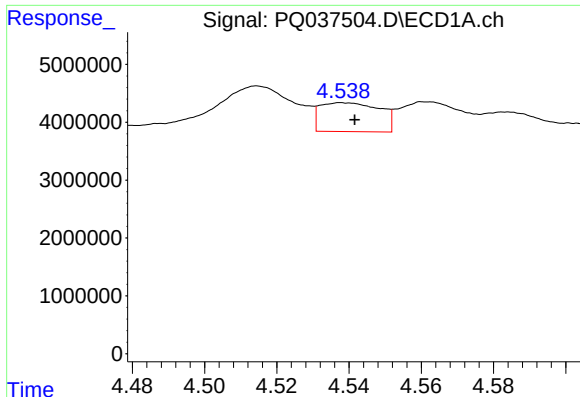
#8 AR-1221-1

R.T.: 4.434 min
Delta R.T.: -0.021 min
Response: 1492851
Conc: 14.19 ng/ml



#8 AR-1221-1

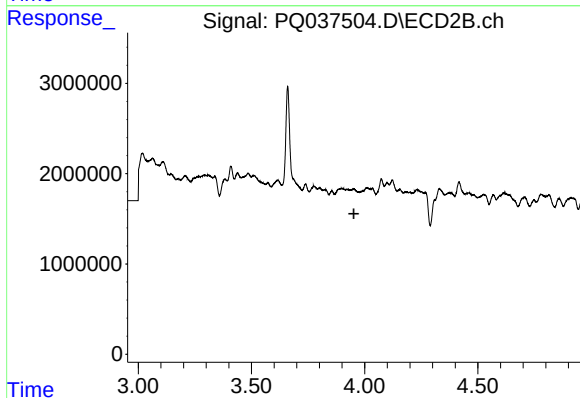
R.T.: 0.000 min
Exp R.T. : 3.867 min
Response: 0
Conc: N.D.



#9 AR-1221-2

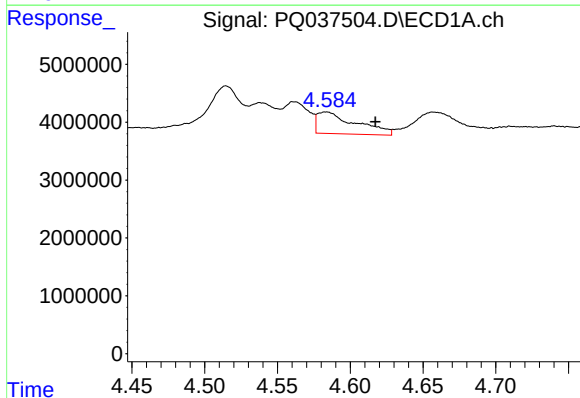
R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 5734841
Conc: 79.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



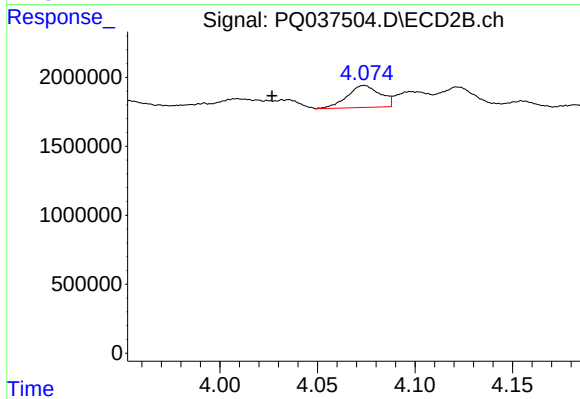
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.953 min
Response: 0
Conc: N.D.



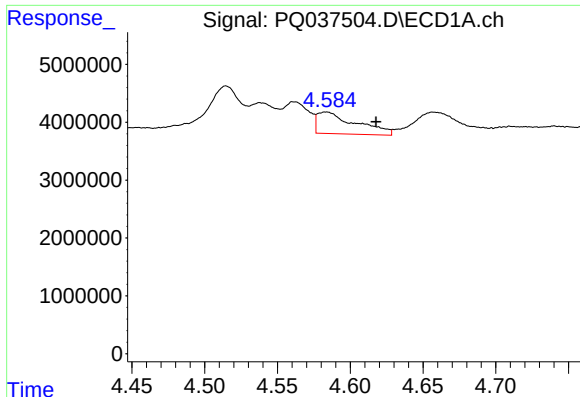
#10 AR-1221-3

R.T.: 4.584 min
Delta R.T.: -0.034 min
Response: 6910564
Conc: 26.57 ng/ml



#10 AR-1221-3

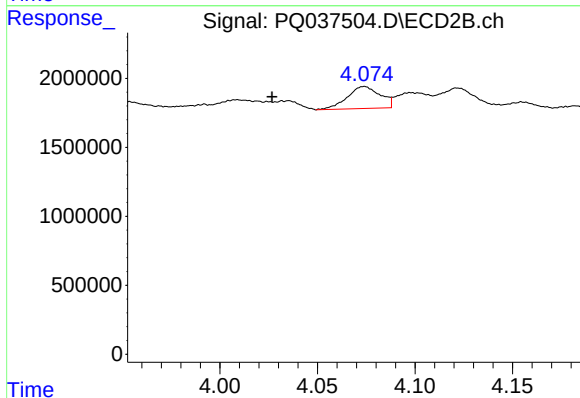
R.T.: 4.074 min
Delta R.T.: 0.047 min
Response: 1867515
Conc: 13.16 ng/ml



#11 AR-1232-1

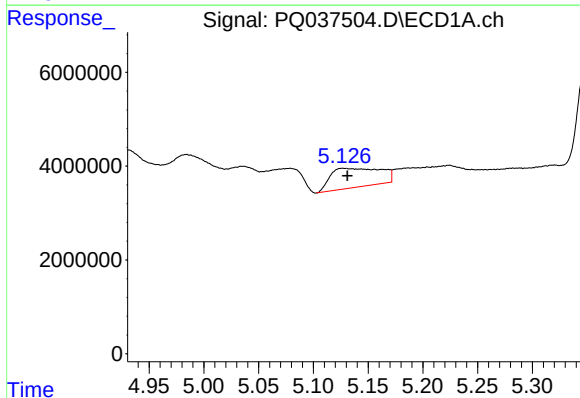
R.T.: 4.584 min
Delta R.T.: -0.034 min
Response: 6910564
Conc: 64.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



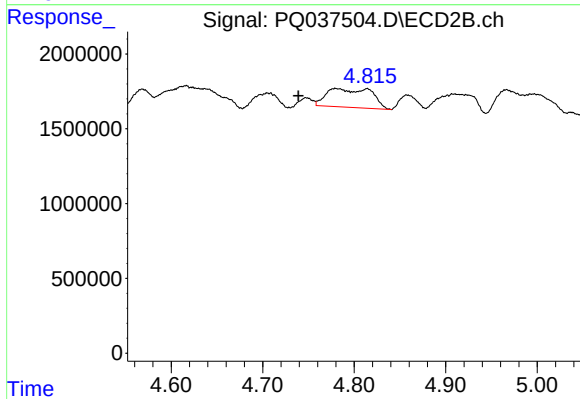
#11 AR-1232-1

R.T.: 4.074 min
Delta R.T.: 0.047 min
Response: 1867515
Conc: 30.99 ng/ml



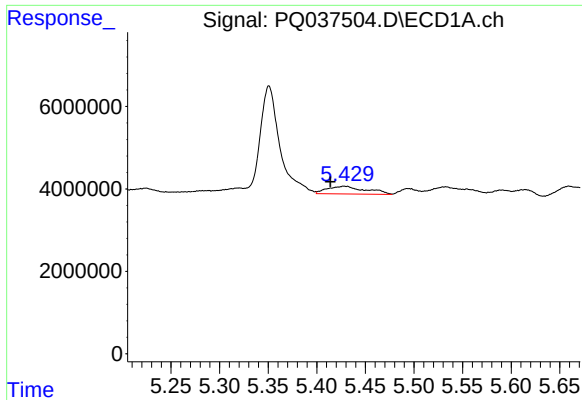
#12 AR-1232-2

R.T.: 5.127 min
Delta R.T.: -0.004 min
Response: 13084887
Conc: 237.23 ng/ml



#12 AR-1232-2

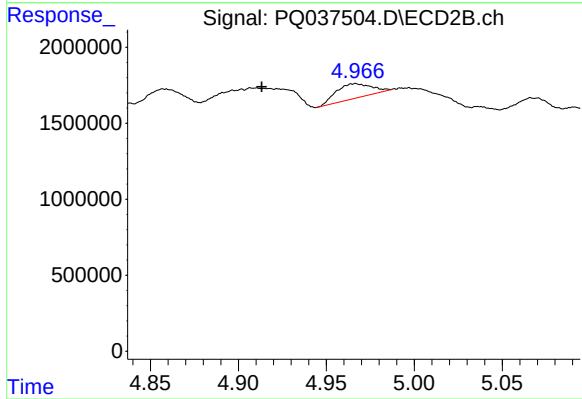
R.T.: 4.779 min
Delta R.T.: 0.040 min
Response: 4258022
Conc: 64.91 ng/ml



#13 AR-1232-3

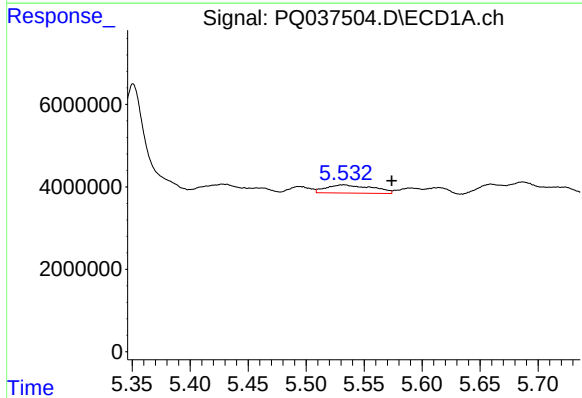
R.T.: 5.428 min
Delta R.T.: 0.014 min
Response: 5208719
Conc: 44.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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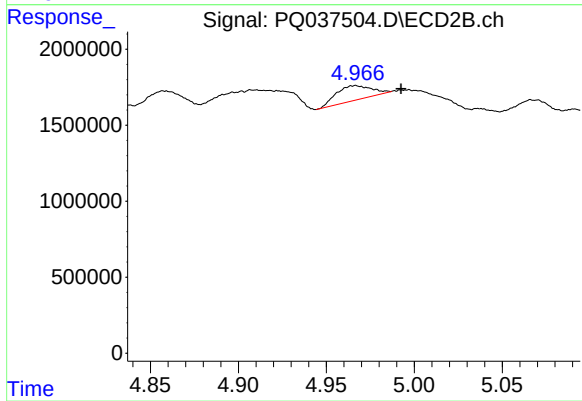
#13 AR-1232-3

R.T.: 4.966 min
Delta R.T.: 0.053 min
Response: 1327312
Conc: 41.25 ng/ml



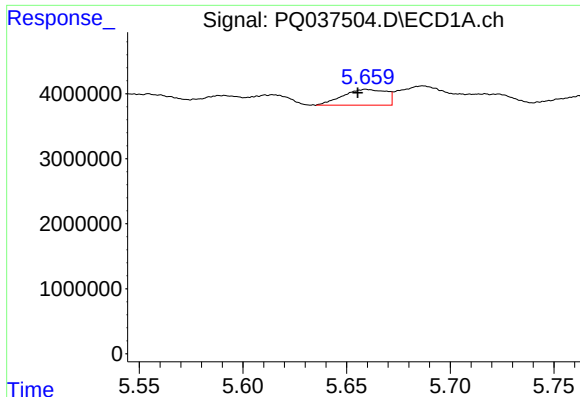
#14 AR-1232-4

R.T.: 5.532 min
Delta R.T.: -0.042 min
Response: 5478942
Conc: 97.46 ng/ml



#14 AR-1232-4

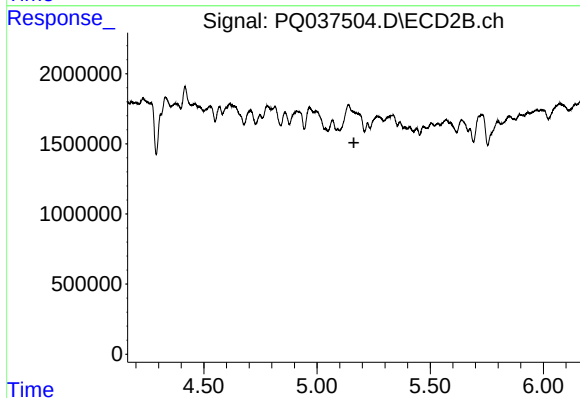
R.T.: 4.966 min
Delta R.T.: -0.026 min
Response: 1327312
Conc: 47.03 ng/ml



#15 AR-1232-5

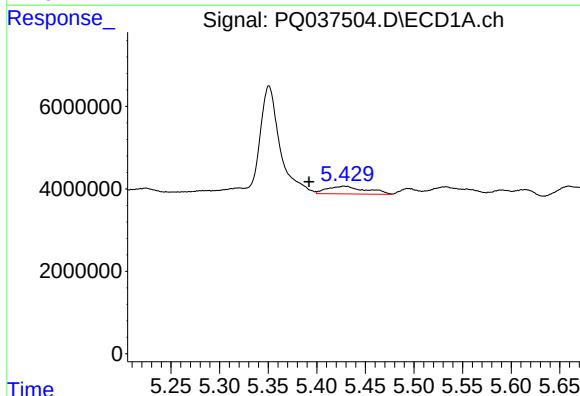
R.T.: 5.660 min
Delta R.T.: 0.004 min
Response: 3505806
Conc: 83.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



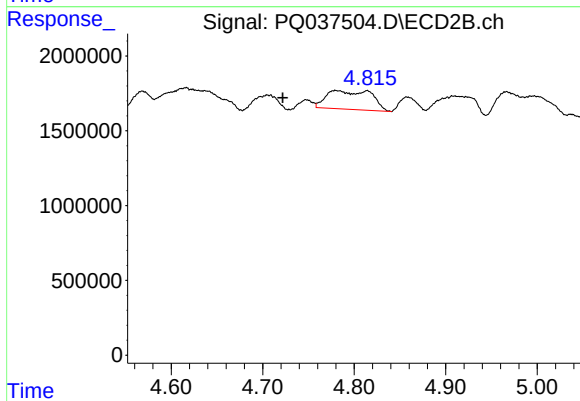
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.163 min
Response: 0
Conc: N.D.



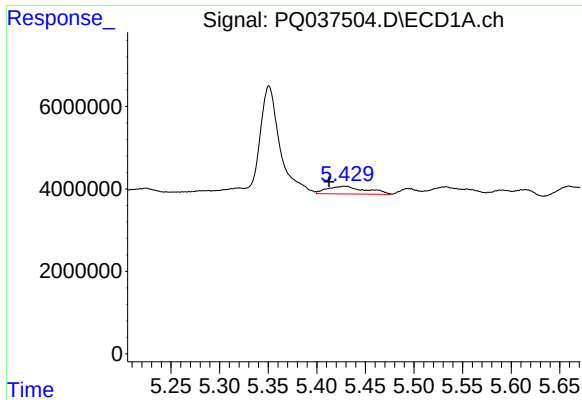
#16 AR-1242-1

R.T.: 5.428 min
Delta R.T.: 0.036 min
Response: 5208719
Conc: 35.44 ng/ml



#16 AR-1242-1

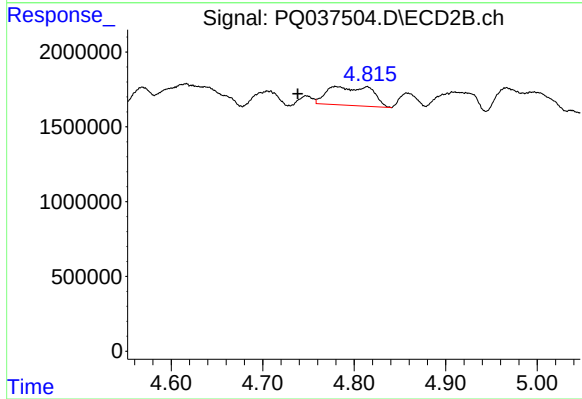
R.T.: 4.779 min
Delta R.T.: 0.057 min
Response: 4258022
Conc: 52.13 ng/ml



#17 AR-1242-2

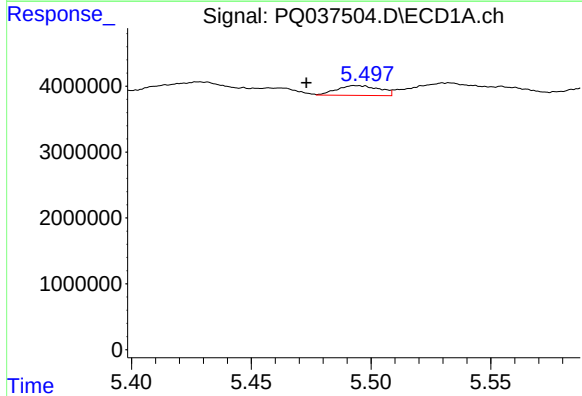
R.T.: 5.428 min
Delta R.T.: 0.016 min
Response: 5208719
Conc: 23.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



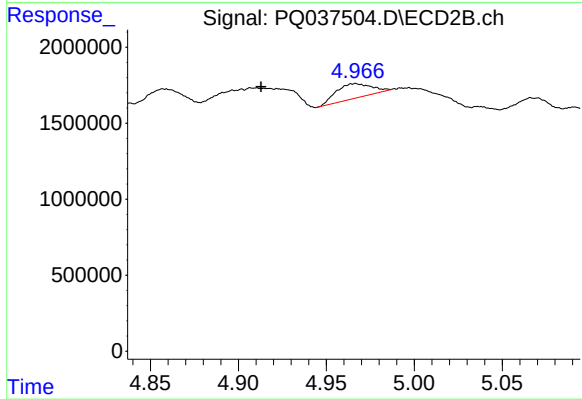
#17 AR-1242-2

R.T.: 4.779 min
Delta R.T.: 0.041 min
Response: 4258022
Conc: 34.65 ng/ml



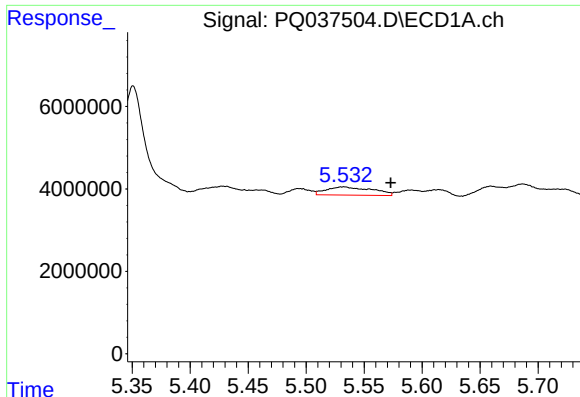
#18 AR-1242-3

R.T.: 5.494 min
Delta R.T.: 0.021 min
Response: 1830019
Conc: 13.81 ng/ml



#18 AR-1242-3

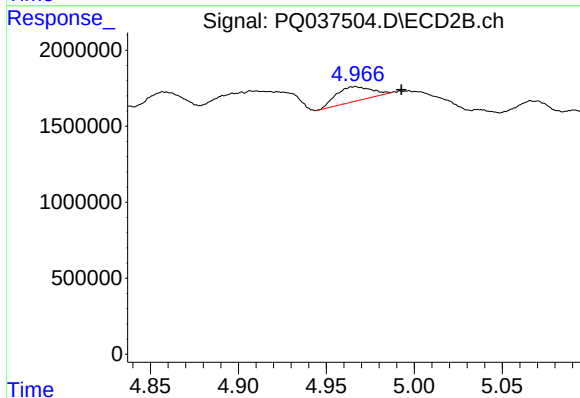
R.T.: 4.966 min
Delta R.T.: 0.053 min
Response: 1327312
Conc: 21.43 ng/ml



#19 AR-1242-4

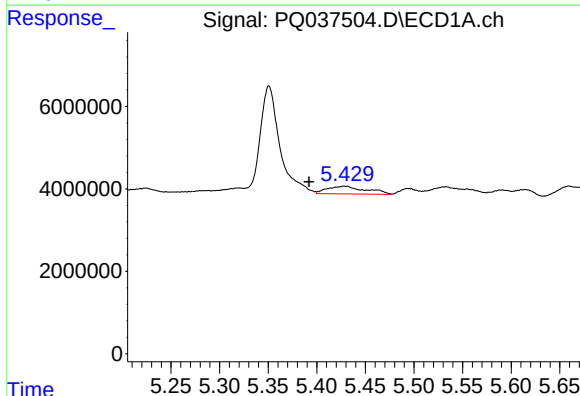
R.T.: 5.532 min
Delta R.T.: -0.041 min
Response: 5478942
Conc: 50.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



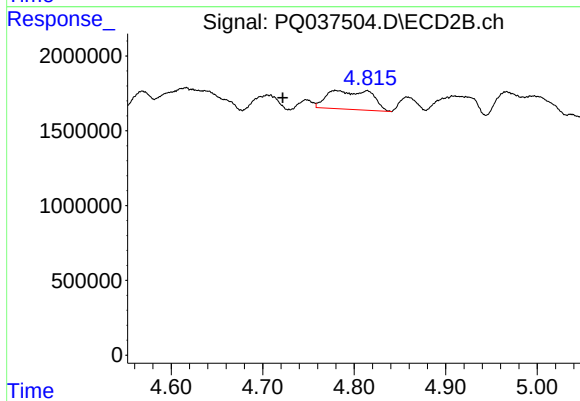
#19 AR-1242-4

R.T.: 4.966 min
Delta R.T.: -0.026 min
Response: 1327312
Conc: 22.36 ng/ml



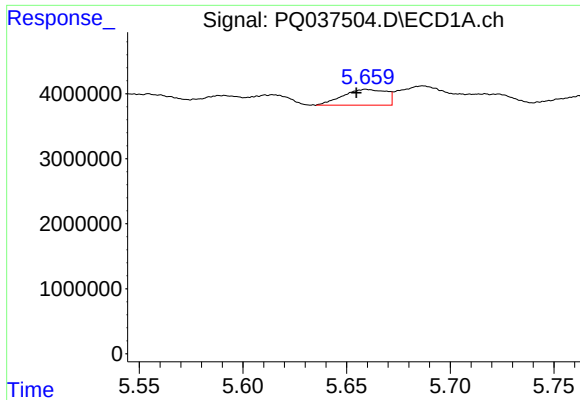
#21 AR-1248-1

R.T.: 5.428 min
Delta R.T.: 0.036 min
Response: 5208719
Conc: 51.66 ng/ml



#21 AR-1248-1

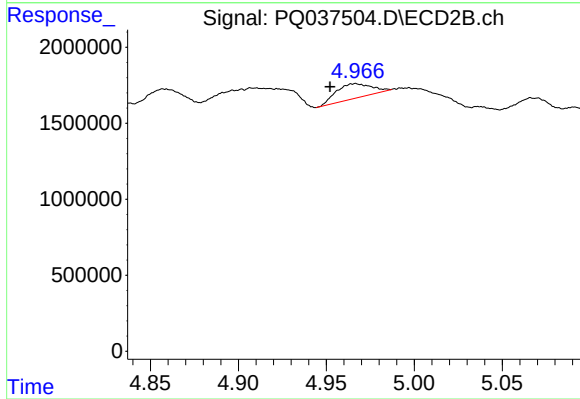
R.T.: 4.779 min
Delta R.T.: 0.058 min
Response: 4258022
Conc: 73.92 ng/ml



#22 AR-1248-2

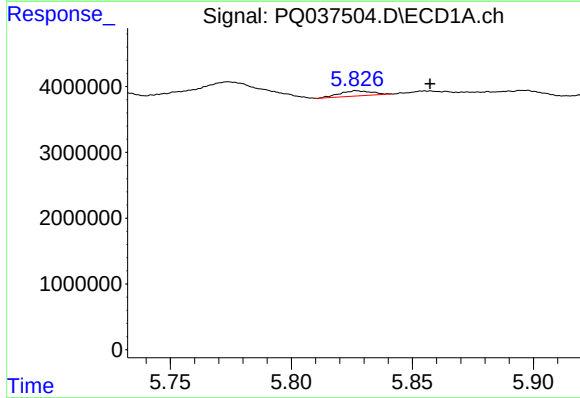
R.T.: 5.660 min
Delta R.T.: 0.005 min
Response: 3505806
Conc: 25.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



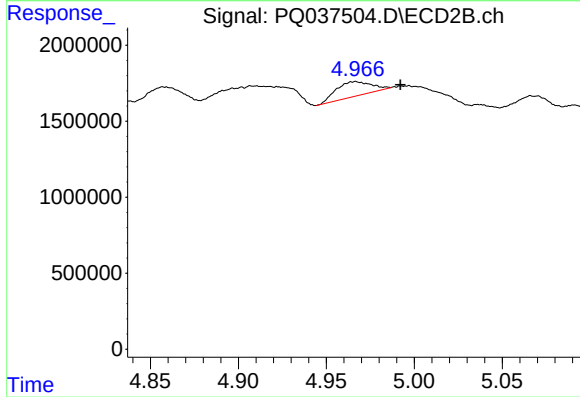
#22 AR-1248-2

R.T.: 4.966 min
Delta R.T.: 0.014 min
Response: 1327312
Conc: 17.89 ng/ml



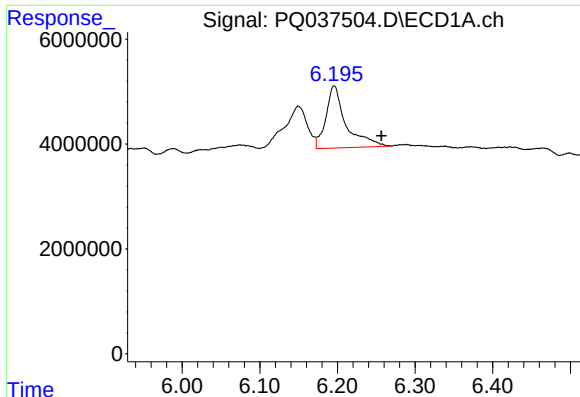
#23 AR-1248-3

R.T.: 5.827 min
Delta R.T.: -0.030 min
Response: 721075
Conc: 4.66 ng/ml



#23 AR-1248-3

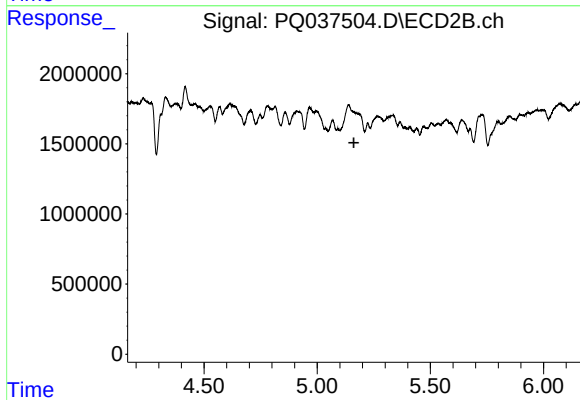
R.T.: 4.966 min
Delta R.T.: -0.026 min
Response: 1327312
Conc: 17.77 ng/ml



#24 AR-1248-4

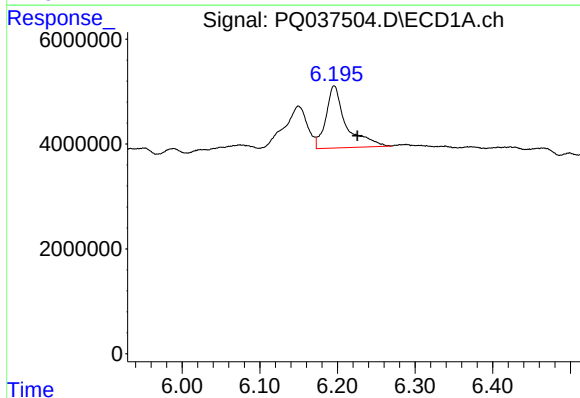
R.T.: 6.196 min
Delta R.T.: -0.060 min
Response: 21376976
Conc: 119.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



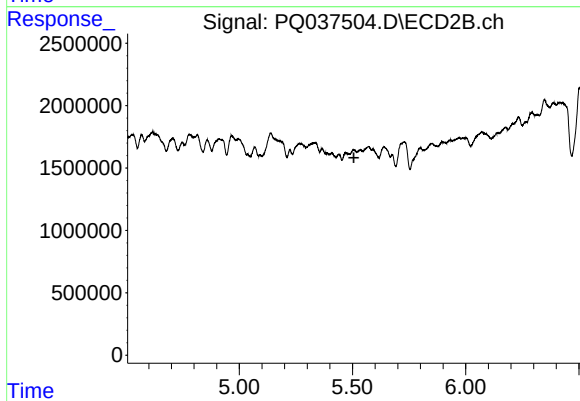
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.162 min
Response: 0
Conc: N.D.



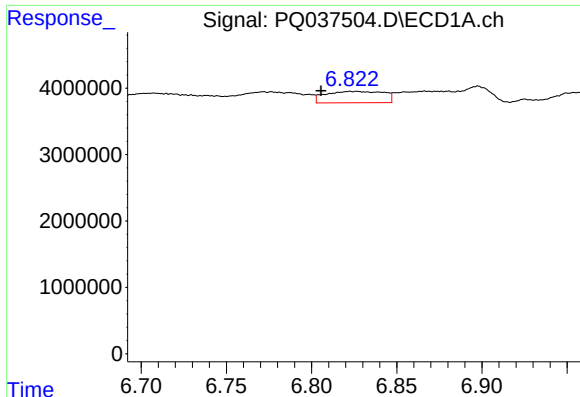
#26 AR-1254-1

R.T.: 6.196 min
Delta R.T.: -0.030 min
Response: 21376976
Conc: 103.83 ng/ml



#26 AR-1254-1

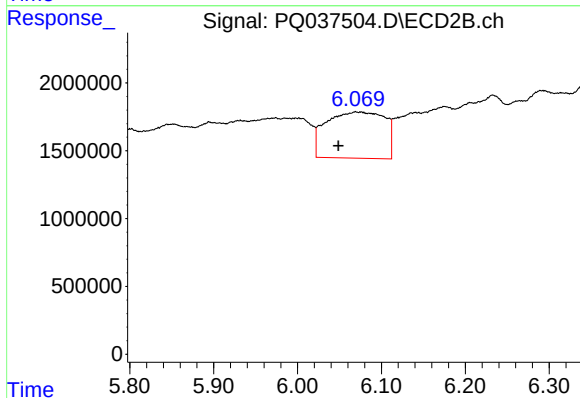
R.T.: 0.000 min
Exp R.T. : 5.506 min
Response: 0
Conc: N.D.



#28 AR-1254-3

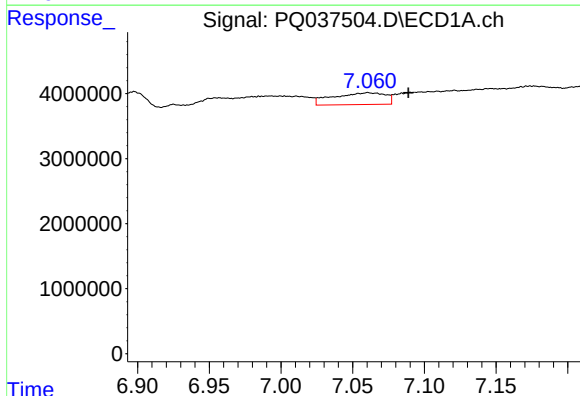
R.T.: 6.827 min
Delta R.T.: 0.021 min
Response: 4062512
Conc: 12.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



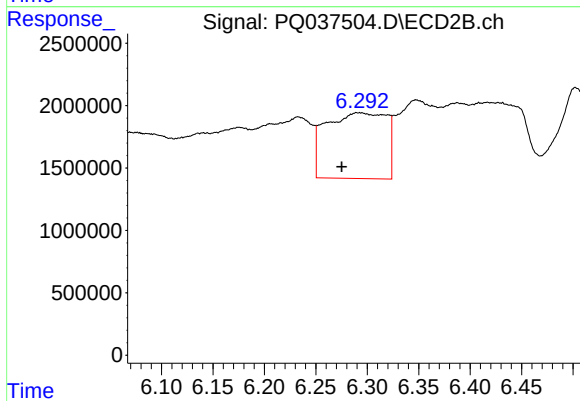
#28 AR-1254-3

R.T.: 6.069 min
Delta R.T.: 0.020 min
Response: 16546202
Conc: 78.70 ng/ml



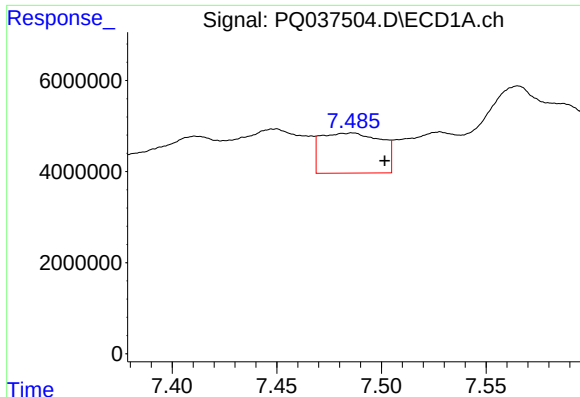
#29 AR-1254-4

R.T.: 7.061 min
Delta R.T.: -0.028 min
Response: 4606168
Conc: 17.59 ng/ml



#29 AR-1254-4

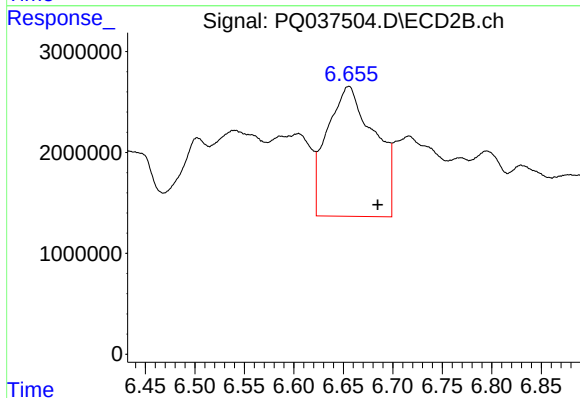
R.T.: 6.291 min
Delta R.T.: 0.015 min
Response: 21471938
Conc: 138.36 ng/ml



#30 AR-1254-5

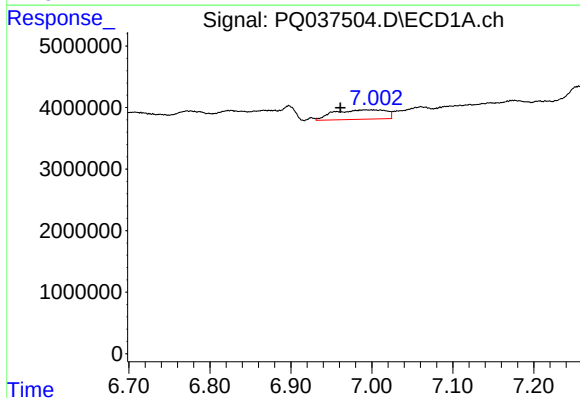
R.T.: 7.486 min
Delta R.T.: -0.015 min
Response: 17640941
Conc: 70.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



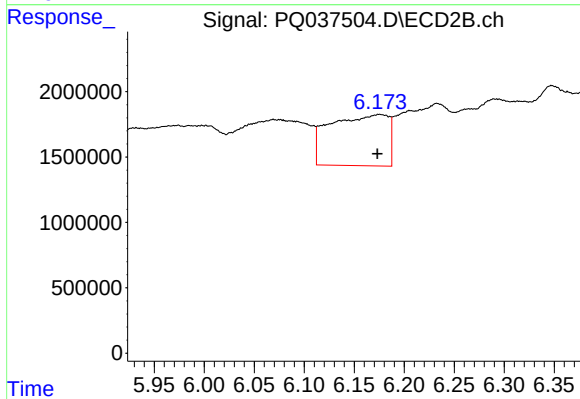
#30 AR-1254-5

R.T.: 6.656 min
Delta R.T.: -0.029 min
Response: 43028862
Conc: 250.87 ng/ml



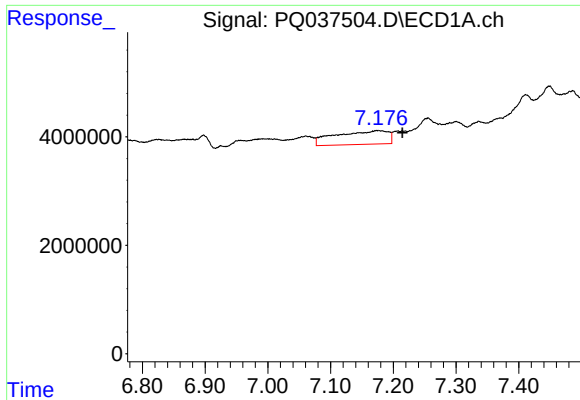
#31 AR-1260-1

R.T.: 6.993 min
Delta R.T.: 0.031 min
Response: 6808982
Conc: 24.34 ng/ml



#31 AR-1260-1

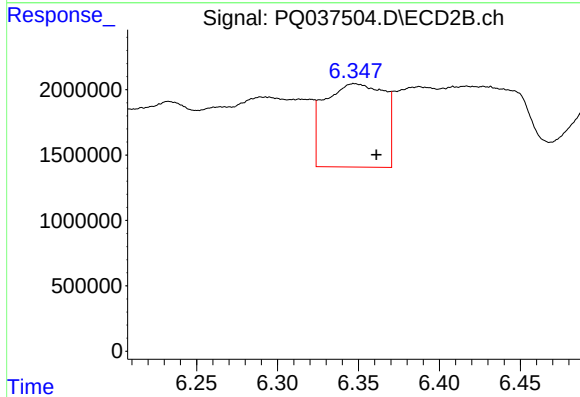
R.T.: 6.175 min
Delta R.T.: 0.002 min
Response: 15855003
Conc: 100.71 ng/ml



#32 AR-1260-2

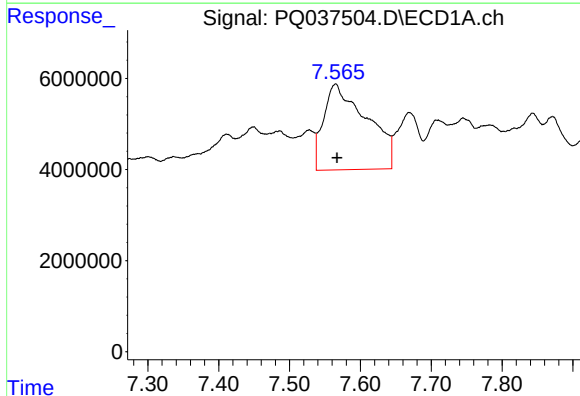
R.T.: 7.175 min
Delta R.T.: -0.040 min
Response: 14580680
Conc: 40.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



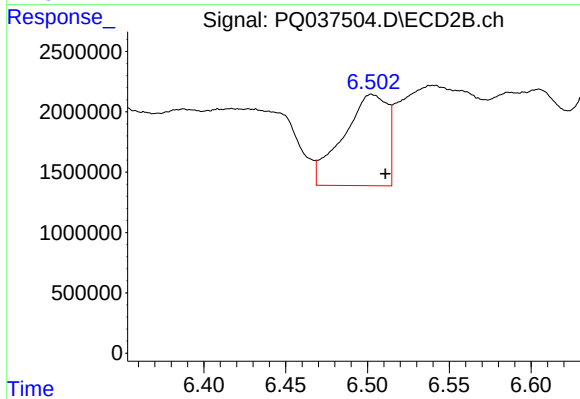
#32 AR-1260-2

R.T.: 6.348 min
Delta R.T.: -0.013 min
Response: 16333746
Conc: 85.58 ng/ml



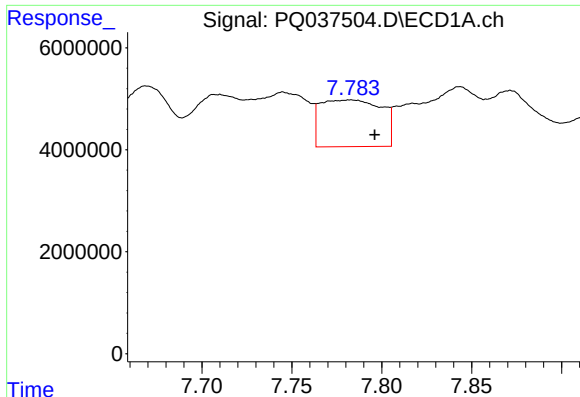
#33 AR-1260-3

R.T.: 7.565 min
Delta R.T.: -0.002 min
Response: 79556119
Conc: 343.09 ng/ml



#33 AR-1260-3

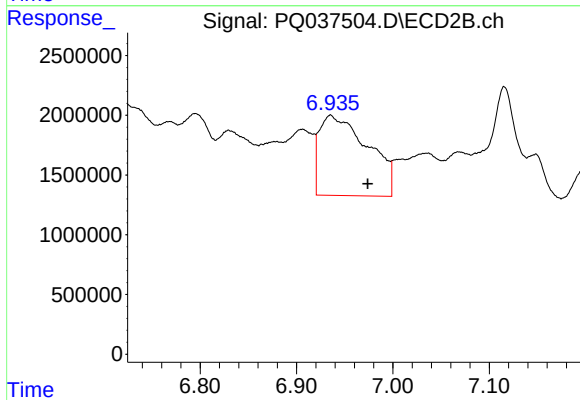
R.T.: 6.503 min
Delta R.T.: -0.008 min
Response: 14219796
Conc: 81.89 ng/ml



#34 AR-1260-4

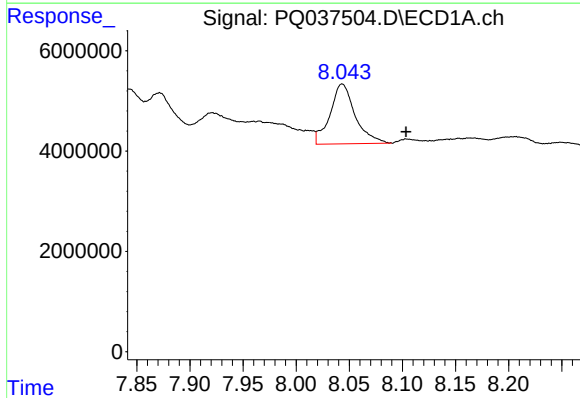
R.T.: 7.783 min
Delta R.T.: -0.013 min
Response: 21682630
Conc: 87.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



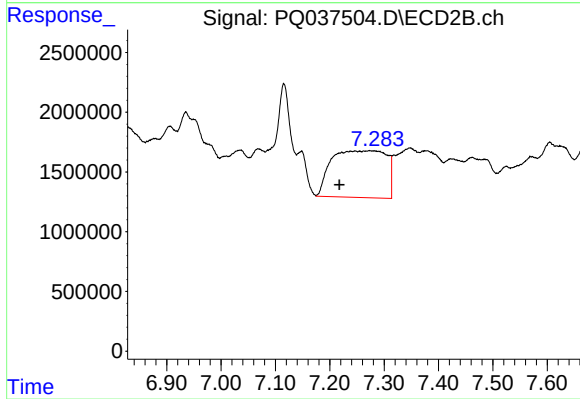
#34 AR-1260-4

R.T.: 6.935 min
Delta R.T.: -0.039 min
Response: 23529461
Conc: 205.68 ng/ml



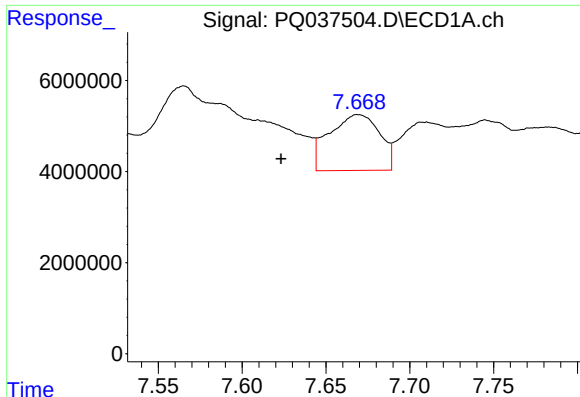
#35 AR-1260-5

R.T.: 8.043 min
Delta R.T.: -0.060 min
Response: 19702326
Conc: 37.35 ng/ml



#35 AR-1260-5

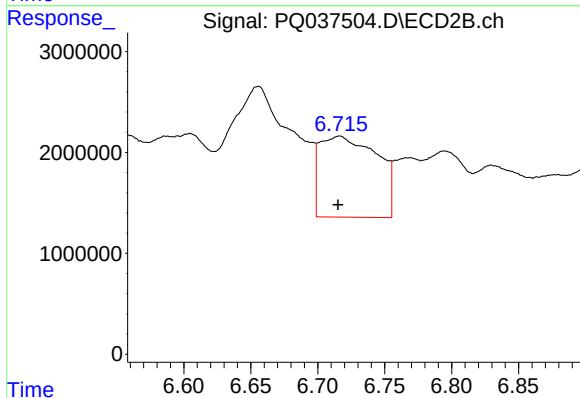
R.T.: 7.273 min
Delta R.T.: 0.056 min
Response: 27566943
Conc: 98.39 ng/ml



#36 AR-1262-1

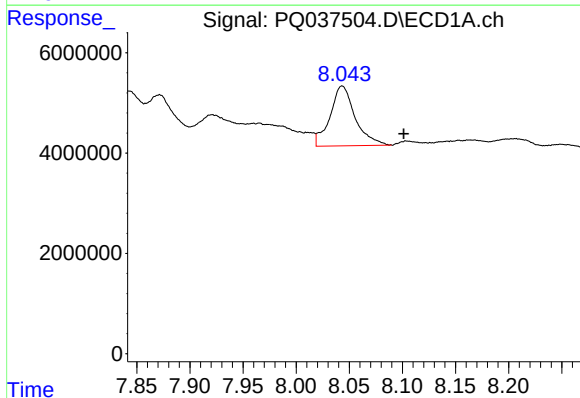
R.T.: 7.669 min
Delta R.T.: 0.046 min
Response: 25635261
Conc: 145.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



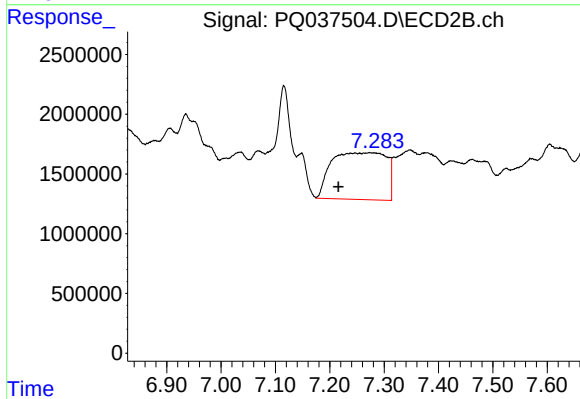
#36 AR-1262-1

R.T.: 6.716 min
Delta R.T.: 0.001 min
Response: 23961245
Conc: 103.31 ng/ml



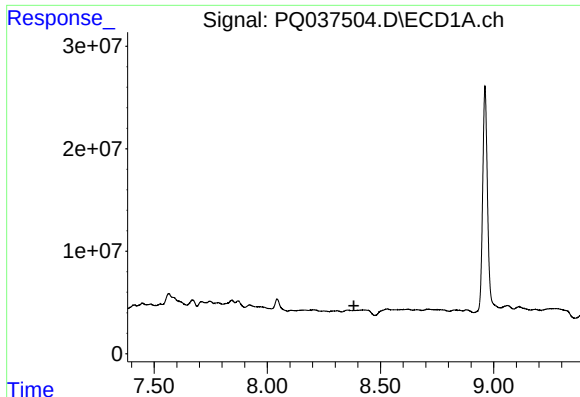
#37 AR-1262-2

R.T.: 8.043 min
Delta R.T.: -0.058 min
Response: 19702326
Conc: 23.86 ng/ml



#37 AR-1262-2

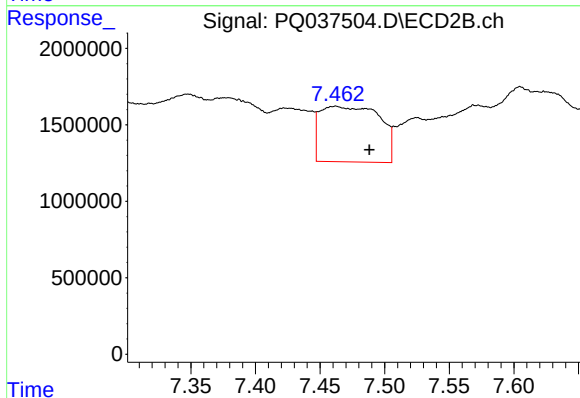
R.T.: 7.273 min
Delta R.T.: 0.057 min
Response: 27566943
Conc: 66.66 ng/ml



#38 AR-1262-3

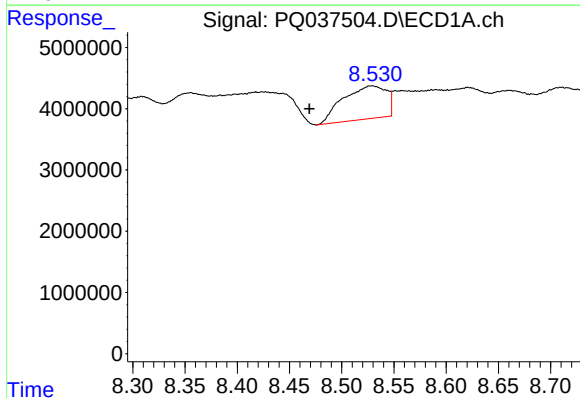
R.T.: 0.000 min
Exp R.T.: 8.382 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



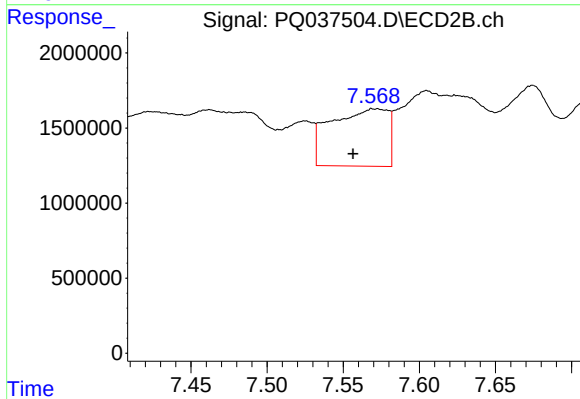
#38 AR-1262-3

R.T.: 7.462 min
Delta R.T.: -0.026 min
Response: 11665022
Conc: 71.68 ng/ml



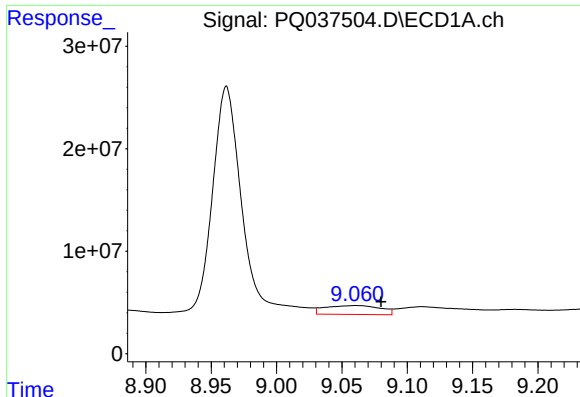
#39 AR-1262-4

R.T.: 8.528 min
Delta R.T.: 0.059 min
Response: 15614907
Conc: 38.14 ng/ml



#39 AR-1262-4

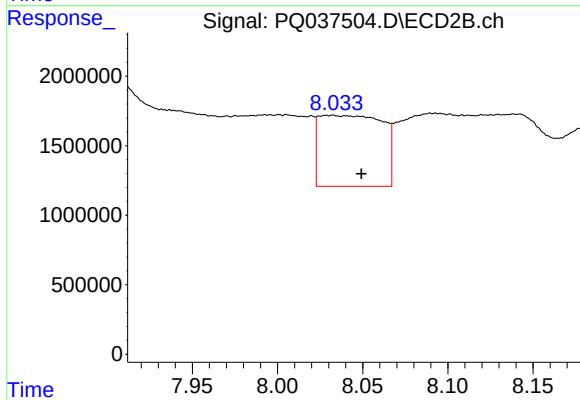
R.T.: 7.571 min
Delta R.T.: 0.014 min
Response: 9993910
Conc: 34.25 ng/ml



#40 AR-1262-5

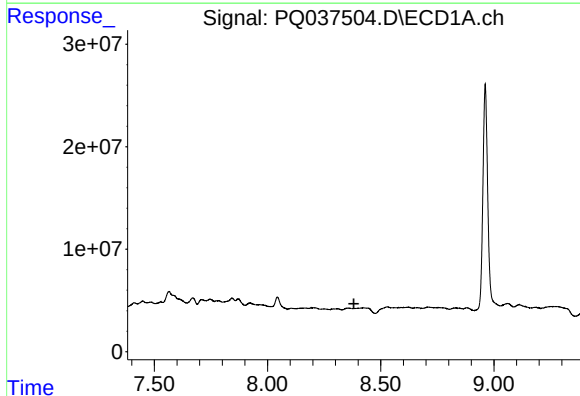
R.T.: 9.061 min
Delta R.T.: -0.019 min
Response: 25438241
Conc: 95.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



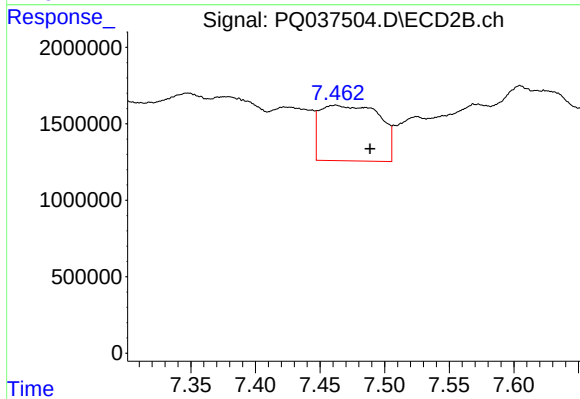
#40 AR-1262-5

R.T.: 8.032 min
Delta R.T.: -0.017 min
Response: 13191711
Conc: 108.96 ng/ml



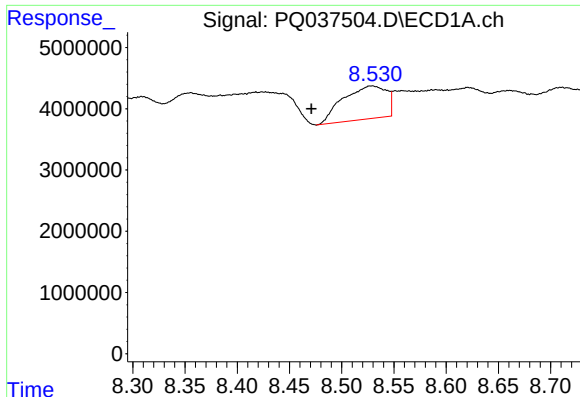
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.382 min
Response: 0
Conc: N.D.



#41 AR-1268-1

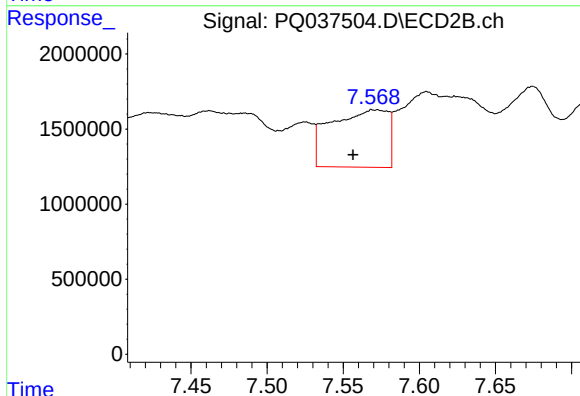
R.T.: 7.462 min
Delta R.T.: -0.027 min
Response: 11665022
Conc: 27.16 ng/ml



#42 AR-1268-2

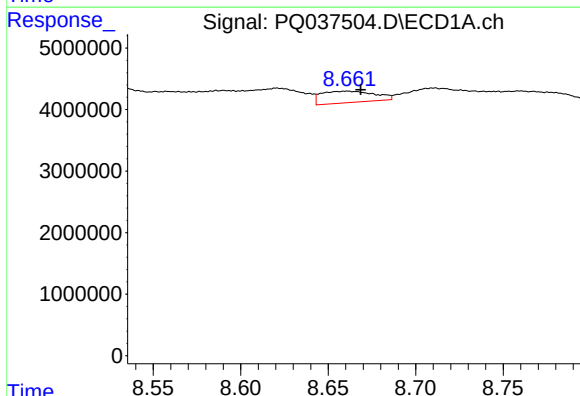
R.T.: 8.528 min
Delta R.T.: 0.057 min
Response: 15614907
Conc: 18.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



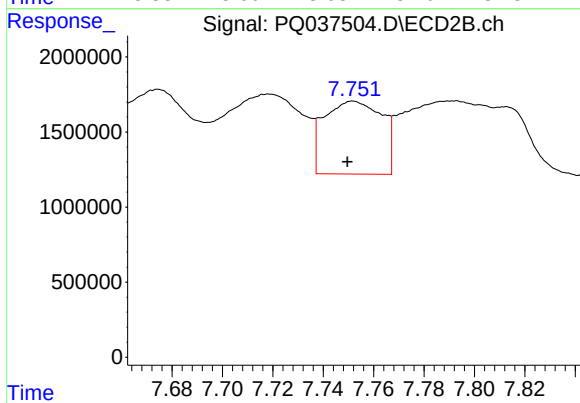
#42 AR-1268-2

R.T.: 7.571 min
Delta R.T.: 0.014 min
Response: 9993910
Conc: 25.69 ng/ml



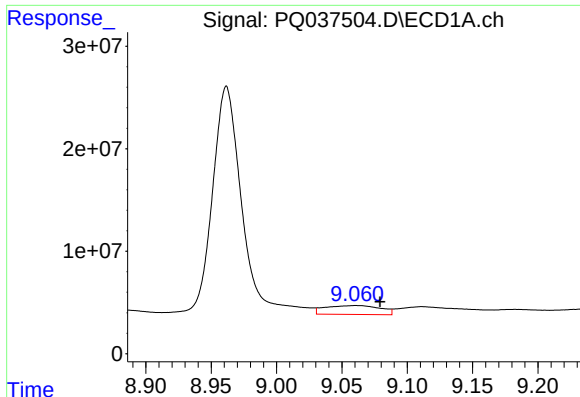
#43 AR-1268-3

R.T.: 8.661 min
Delta R.T.: -0.008 min
Response: 3941662
Conc: 5.25 ng/ml



#43 AR-1268-3

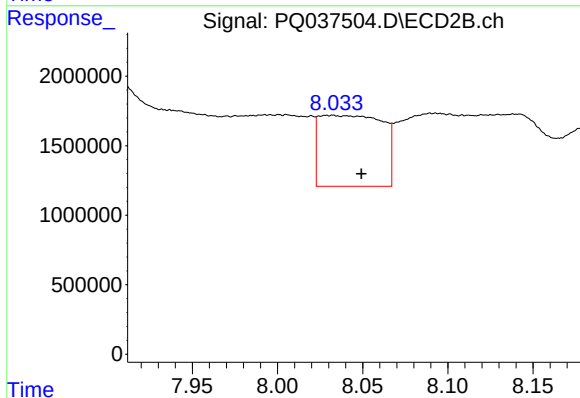
R.T.: 7.752 min
Delta R.T.: 0.002 min
Response: 7736284
Conc: 23.98 ng/ml



#44 AR-1268-4

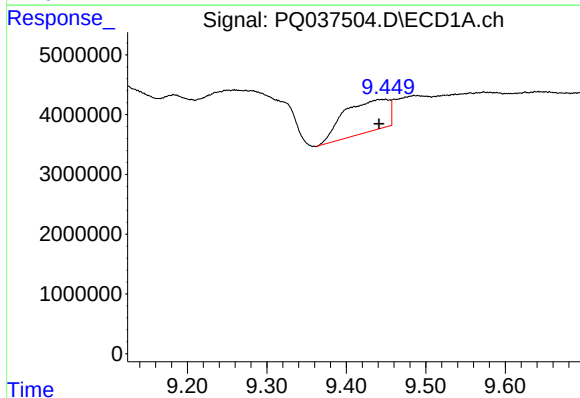
R.T.: 9.061 min
Delta R.T.: -0.019 min
Response: 25438241
Conc: 97.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
NB-022019RE



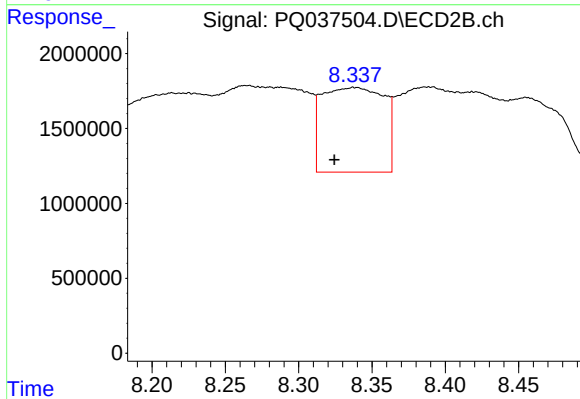
#44 AR-1268-4

R.T.: 8.032 min
Delta R.T.: -0.017 min
Response: 13191711
Conc: 108.46 ng/ml



#45 AR-1268-5

R.T.: 9.449 min
Delta R.T.: 0.008 min
Response: 21052525
Conc: 10.25 ng/ml



#45 AR-1268-5

R.T.: 8.338 min
Delta R.T.: 0.014 min
Response: 16609351
Conc: 17.80 ng/ml