

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031919\
 Data File : PQ037988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2019 09:51
 Operator : SM\SJ
 Sample : K1687-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 HR-06-031119-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 00:45:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 19 04:23:19 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...	4.197	3.647	86658309	51747177	23.108	26.784
2)	SA Decachlor...	9.618	8.517	90653315	38510997	15.313	13.413
Target Compounds							
3)	L1 AR-1016-1	5.318	4.676	783072	6649183	5.365	80.447 #
4)	L1 AR-1016-2	5.359	4.727	3037213	8846306	13.189	68.162 #
5)	L1 AR-1016-3	5.438	4.924	4982243	15058764	36.504	223.645 #
6)	L1 AR-1016-4	5.521	4.924	10726264	15058764	93.924	274.515 #
7)	L1 AR-1016-5	5.797	0.000	8847893	0	77.545	N.D. #
8)	L2 AR-1221-1	4.424	0.000	275957	0	6.990	N.D. #
9)	L2 AR-1221-2	4.497	0.000	2181693	0	71.316	N.D. #
10)	L2 AR-1221-3	4.566	0.000	2713367	0	26.314	N.D. #
11)	L3 AR-1232-1	4.566	0.000	2713367	0	32.519	N.D. #
12)	L3 AR-1232-2	5.091	4.727	2991082	8846306	63.224	162.647 #
13)	L3 AR-1232-3	5.359	4.924	3037213	15058764	31.694	542.412 #
14)	L3 AR-1232-4	5.521	4.955	10726264	6981937	219.260	287.932 #
15)	L3 AR-1232-5	5.614	0.000	4300718	0	120.868	N.D. #
16)	L4 AR-1242-1	5.318	4.676	783072	6649183	6.643	96.846 #
17)	L4 AR-1242-2	5.359	4.727	3037213	8846306	17.229	83.884 #
18)	L4 AR-1242-3	5.438	4.924	4982243	15058764	45.088	275.432 #
19)	L4 AR-1242-4	5.521	4.955	10726264	6981937	117.496	131.413
20)	L4 AR-1242-5	6.232	0.000	14547609	0	131.072	N.D. #
21)	L5 AR-1248-1	5.318	4.676	783072	6649183	6.377	92.251 #
22)	L5 AR-1248-2	5.614	4.924	4300718	15058764	23.977	151.038 #
23)	L5 AR-1248-3	5.797	4.955	8847893	6981937	42.461	68.270 #
24)	L5 AR-1248-4	6.183	0.000	28939273	0	115.853	N.D. #
25)	L5 AR-1248-5	6.232	0.000	14547609	0	60.800	N.D. #
26)	L6 AR-1254-1	6.183	0.000	28939273	0	196.493	N.D. #
27)	L6 AR-1254-2	6.384	5.646	23525832	4770458	97.143	44.399 #
28)	L6 AR-1254-3	6.742	0.000	27355535	0	102.097	N.D. #
29)	L6 AR-1254-4	7.022	0.000	14051876	0	61.869	N.D. #
30)	L6 AR-1254-5	7.431	0.000	22749884	0	82.396	N.D. #
31)	L7 AR-1260-1	6.892	0.000	14474134	0	60.264	N.D. #
32)	L7 AR-1260-2	7.144	6.334	13125904	-201887	39.721	N.D. #
33)	L7 AR-1260-3	7.496	0.000	9587747	0	33.240	N.D. #
34)	L7 AR-1260-4	7.724	0.000	14013572	0	50.137	N.D. #
35)	L7 AR-1260-5	8.029	0.000	21776509	0	31.988	N.D. #
36)	L8 AR-1262-1	7.552	0.000	6138329	0	37.064	N.D. #
37)	L8 AR-1262-2	8.029	0.000	21776509	0	27.849	N.D. #
38)	L8 AR-1262-3	8.302	0.000	5200376	0	14.877	N.D. #
39)	L8 AR-1262-4	8.390	0.000	4511060	0	11.121	N.D. #
40)	L8 AR-1262-5	8.987	0.000	2079647	0	7.827	N.D. #
41)	L9 AR-1268-1	8.302	0.000	5200376	0	5.545	N.D. #

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 Acq On : 19 Mar 2019 09:51
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

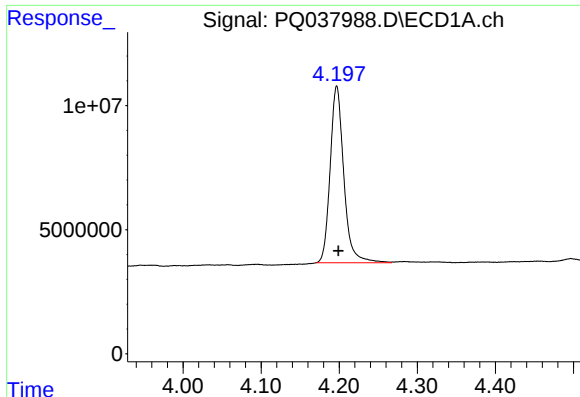
Instrument :
 ECD_Q
 ClientSampleId :
 HR-06-031119-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 00:45:59 2019
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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	8.390	0.000	4511060	0	5.252	N.D.	#
43)	L9 AR-1268-3	8.586	0.000	8178428	0	10.821	N.D.	#
44)	L9 AR-1268-4	8.987	0.000	2079647	0	7.220	N.D.	#
45)	L9 AR-1268-5	9.340	0.000	2543724	0	1.171	N.D.	#

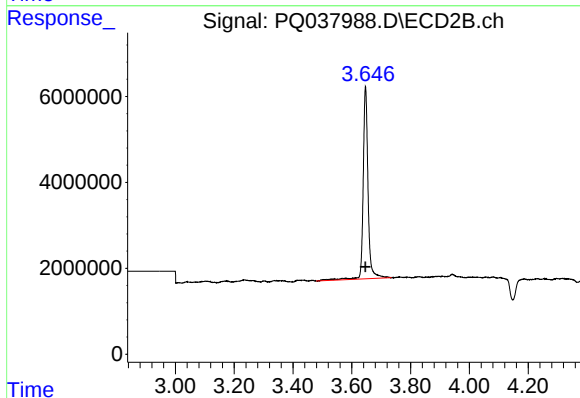
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

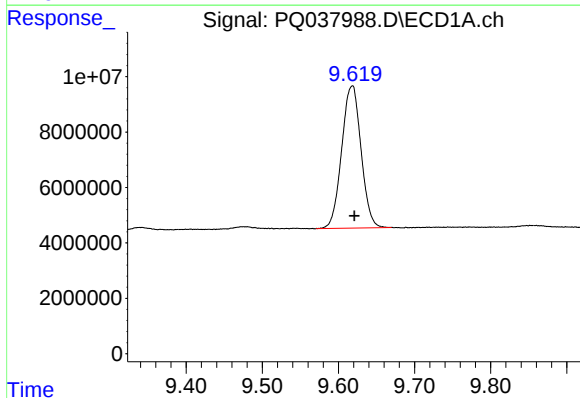
R.T.: 4.197 min
Delta R.T.: -0.002 min
Response: 86658309
Conc: 23.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



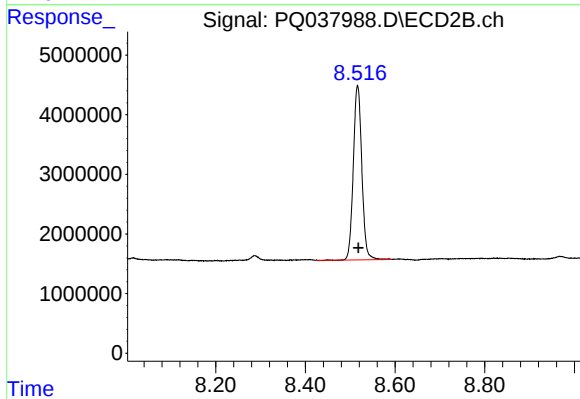
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: 0.000 min
Response: 51747177
Conc: 26.78 ng/ml



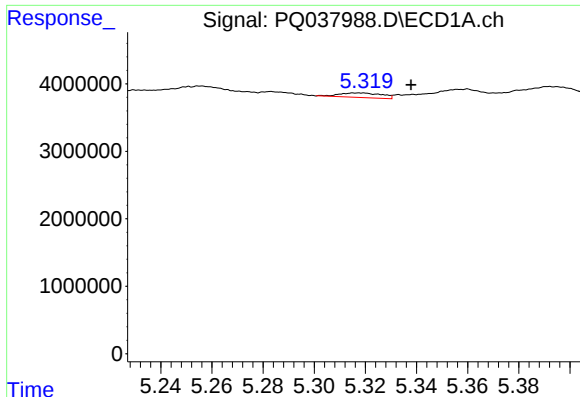
#2 Decachlorobiphenyl

R.T.: 9.618 min
Delta R.T.: -0.004 min
Response: 90653315
Conc: 15.31 ng/ml



#2 Decachlorobiphenyl

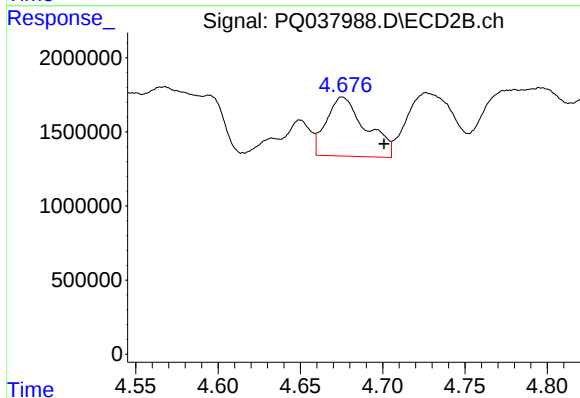
R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 38510997
Conc: 13.41 ng/ml



#3 AR-1016-1

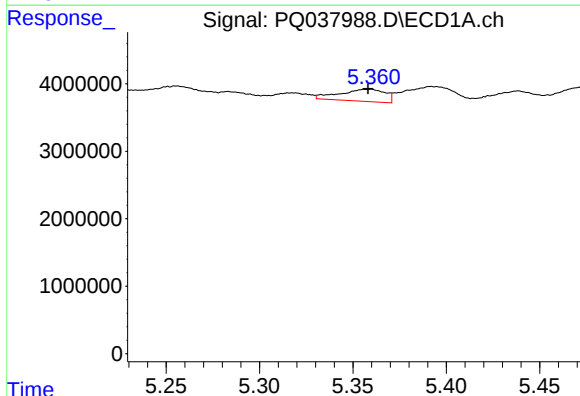
R.T.: 5.318 min
Delta R.T.: -0.020 min
Response: 783072
Conc: 5.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



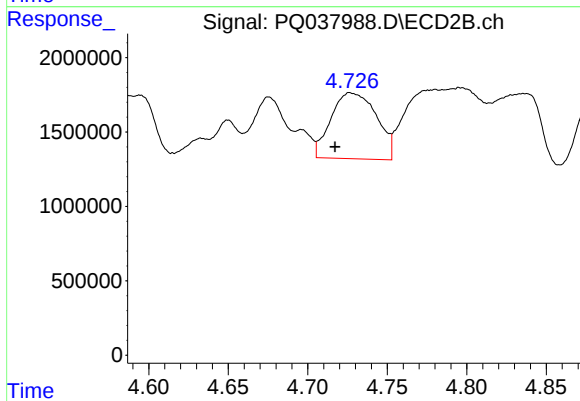
#3 AR-1016-1

R.T.: 4.676 min
Delta R.T.: -0.025 min
Response: 6649183
Conc: 80.45 ng/ml



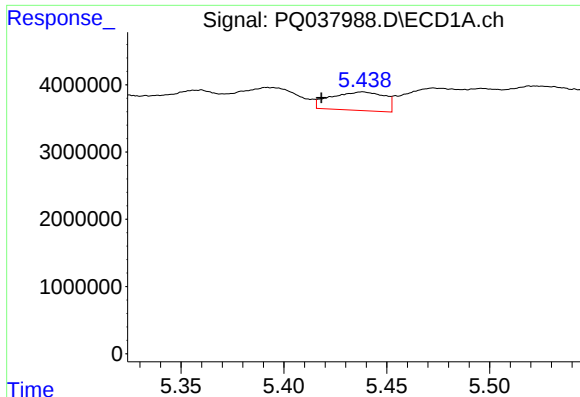
#4 AR-1016-2

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 3037213
Conc: 13.19 ng/ml



#4 AR-1016-2

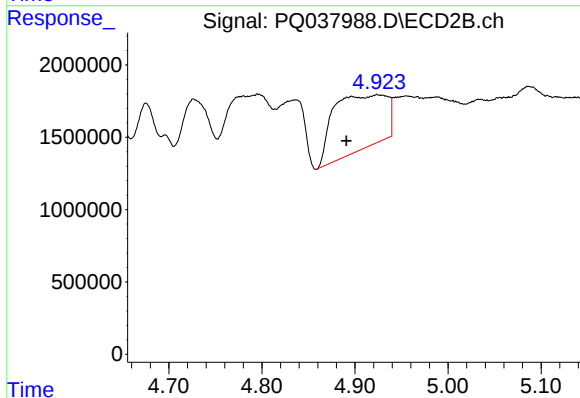
R.T.: 4.727 min
Delta R.T.: 0.010 min
Response: 8846306
Conc: 68.16 ng/ml



#5 AR-1016-3

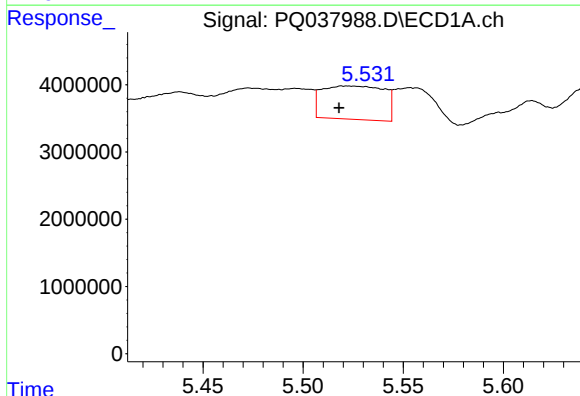
R.T.: 5.438 min
Delta R.T.: 0.020 min
Response: 4982243
Conc: 36.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



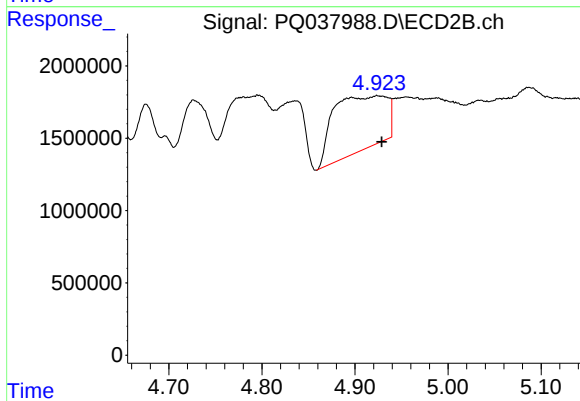
#5 AR-1016-3

R.T.: 4.924 min
Delta R.T.: 0.033 min
Response: 15058764
Conc: 223.64 ng/ml



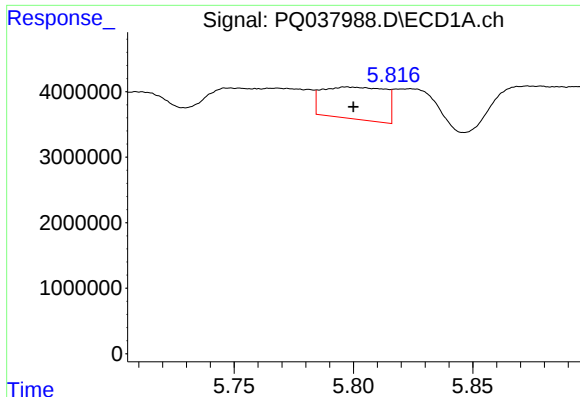
#6 AR-1016-4

R.T.: 5.521 min
Delta R.T.: 0.003 min
Response: 10726264
Conc: 93.92 ng/ml



#6 AR-1016-4

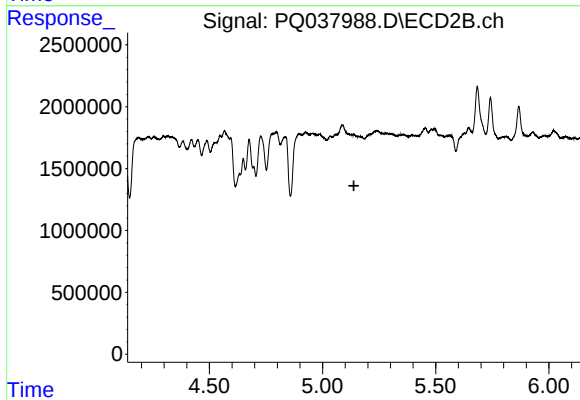
R.T.: 4.924 min
Delta R.T.: -0.005 min
Response: 15058764
Conc: 274.51 ng/ml



#7 AR-1016-5

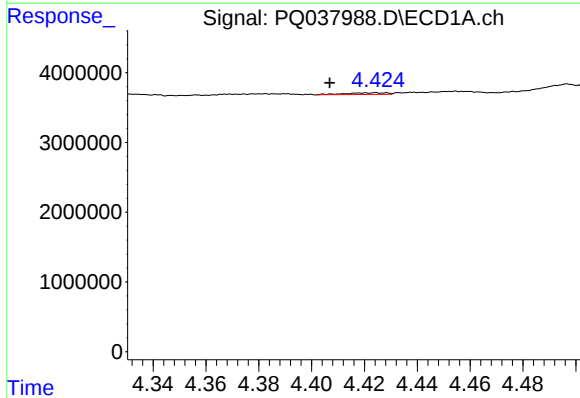
R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 8847893
Conc: 77.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



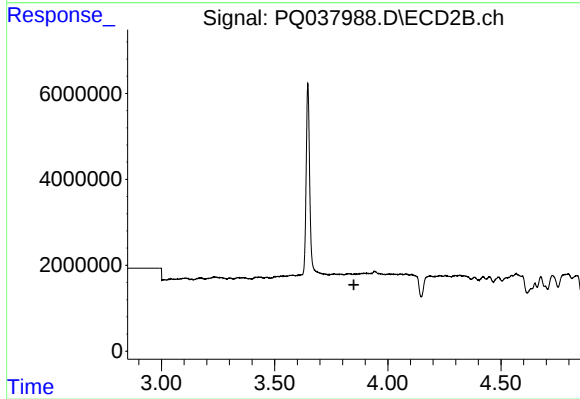
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



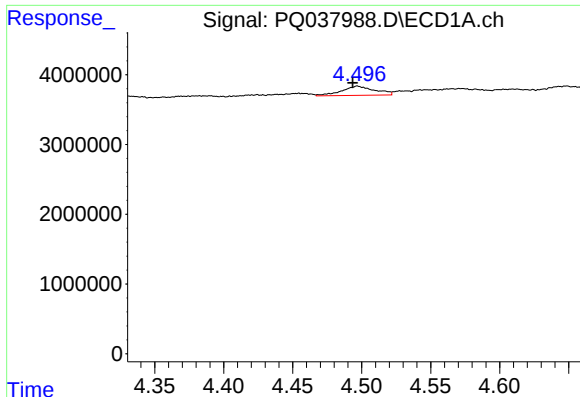
#8 AR-1221-1

R.T.: 4.424 min
Delta R.T.: 0.018 min
Response: 275957
Conc: 6.99 ng/ml



#8 AR-1221-1

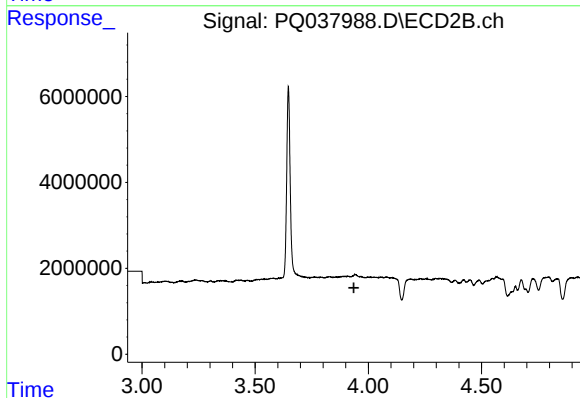
R.T.: 0.000 min
Exp R.T. : 3.850 min
Response: 0
Conc: N.D.



#9 AR-1221-2

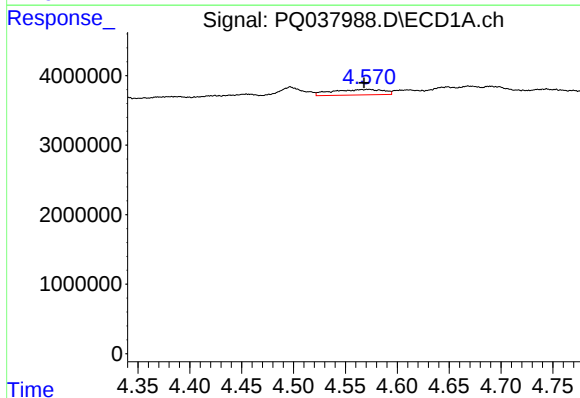
R.T.: 4.497 min
Delta R.T.: 0.003 min
Response: 2181693
Conc: 71.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



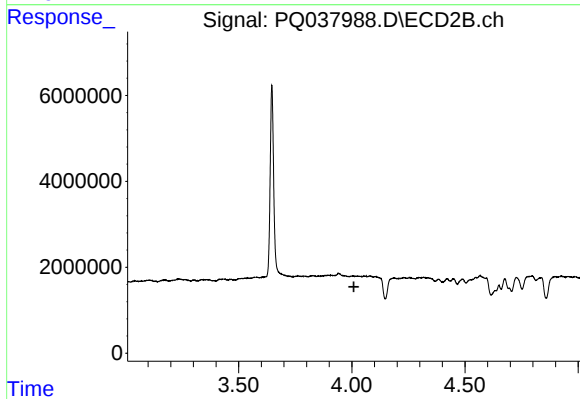
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.936 min
Response: 0
Conc: N.D.



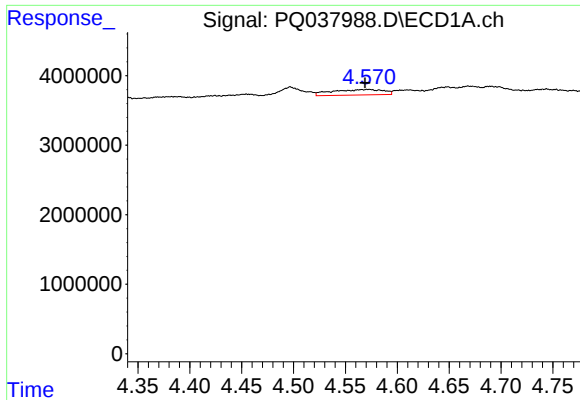
#10 AR-1221-3

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 2713367
Conc: 26.31 ng/ml



#10 AR-1221-3

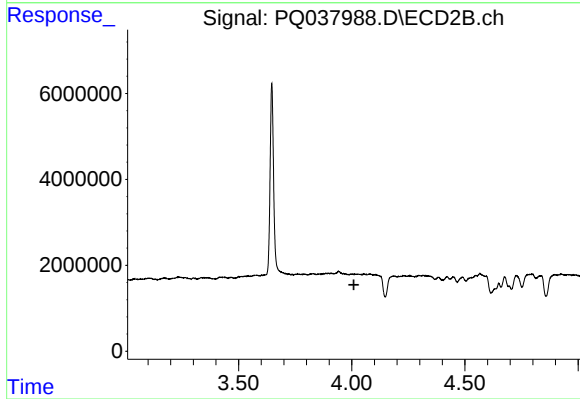
R.T.: 0.000 min
Exp R.T. : 4.009 min
Response: 0
Conc: N.D.



#11 AR-1232-1

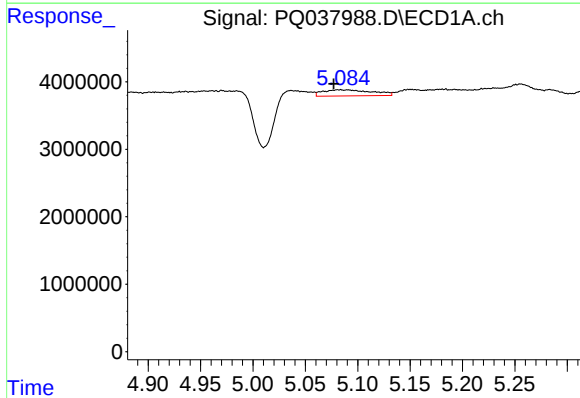
R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 2713367
Conc: 32.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



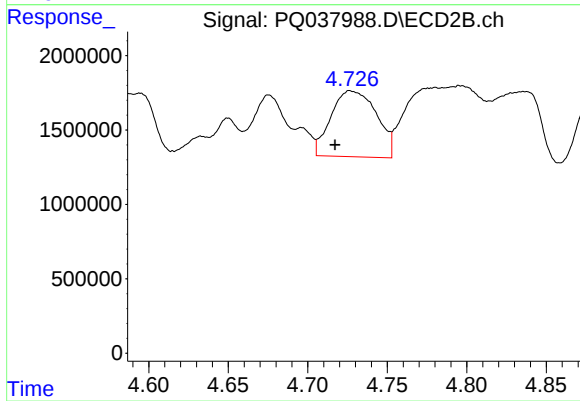
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.009 min
Response: 0
Conc: N.D.



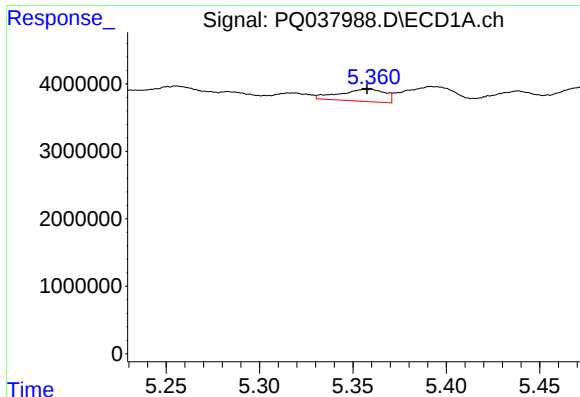
#12 AR-1232-2

R.T.: 5.091 min
Delta R.T.: 0.013 min
Response: 2991082
Conc: 63.22 ng/ml



#12 AR-1232-2

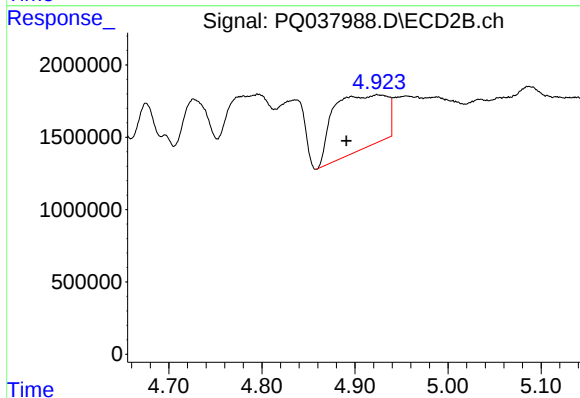
R.T.: 4.727 min
Delta R.T.: 0.010 min
Response: 8846306
Conc: 162.65 ng/ml



#13 AR-1232-3

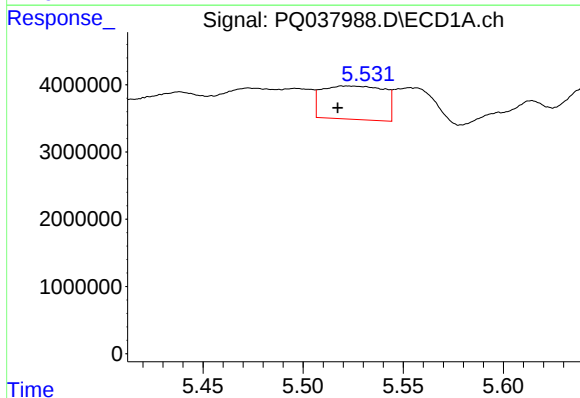
R.T.: 5.359 min
Delta R.T.: 0.001 min
Response: 3037213
Conc: 31.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



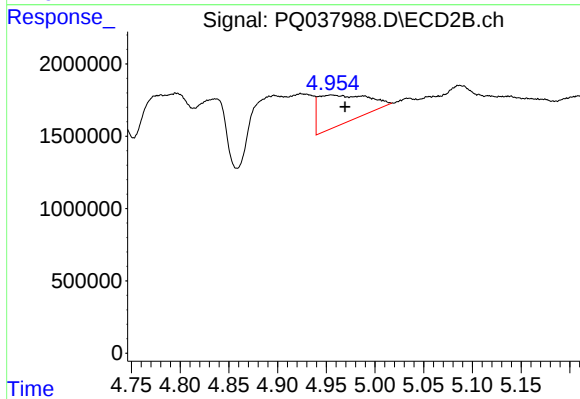
#13 AR-1232-3

R.T.: 4.924 min
Delta R.T.: 0.033 min
Response: 15058764
Conc: 542.41 ng/ml



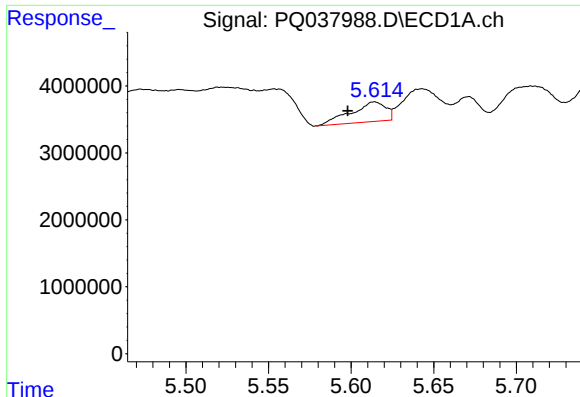
#14 AR-1232-4

R.T.: 5.521 min
Delta R.T.: 0.004 min
Response: 10726264
Conc: 219.26 ng/ml



#14 AR-1232-4

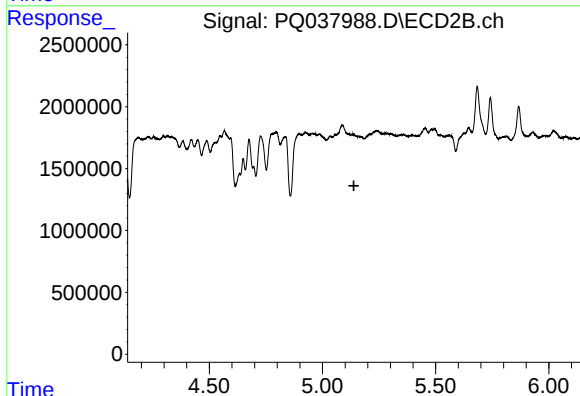
R.T.: 4.955 min
Delta R.T.: -0.014 min
Response: 6981937
Conc: 287.93 ng/ml



#15 AR-1232-5

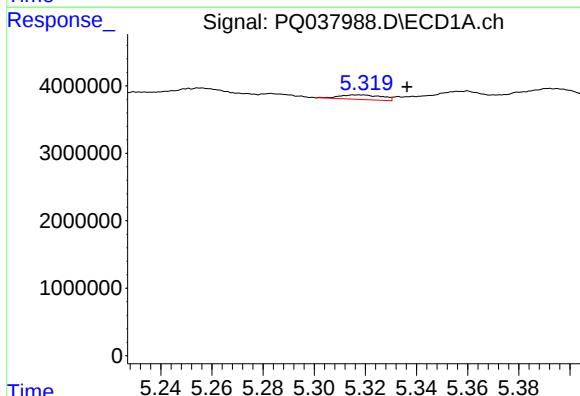
R.T.: 5.614 min
Delta R.T.: 0.016 min
Response: 4300718
Conc: 120.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



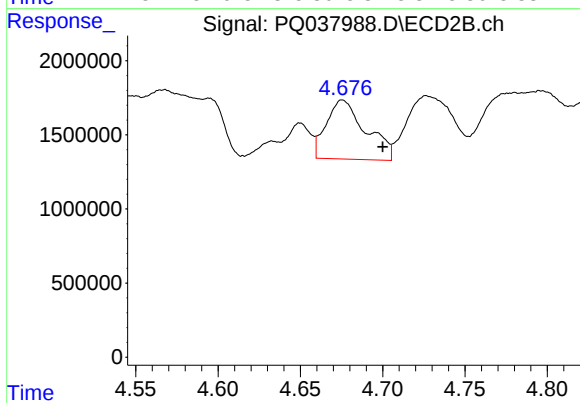
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



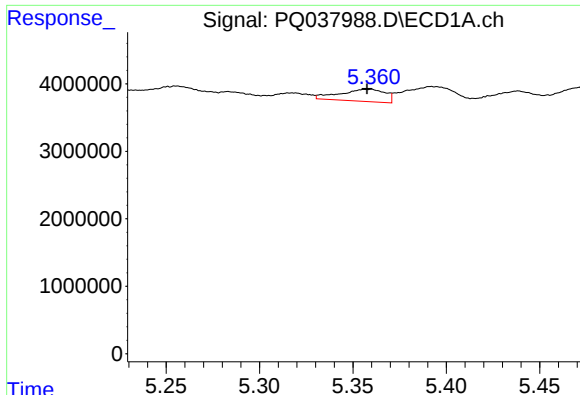
#16 AR-1242-1

R.T.: 5.318 min
Delta R.T.: -0.019 min
Response: 783072
Conc: 6.64 ng/ml



#16 AR-1242-1

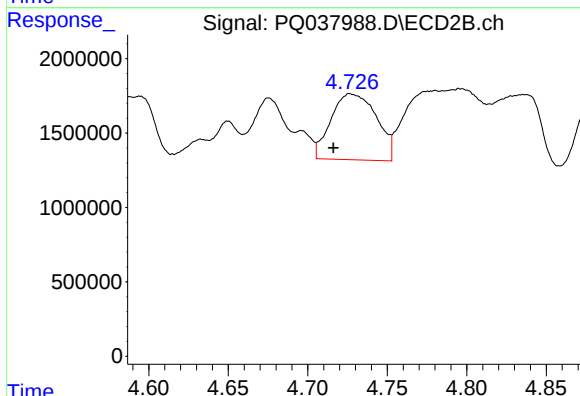
R.T.: 4.676 min
Delta R.T.: -0.025 min
Response: 6649183
Conc: 96.85 ng/ml



#17 AR-1242-2

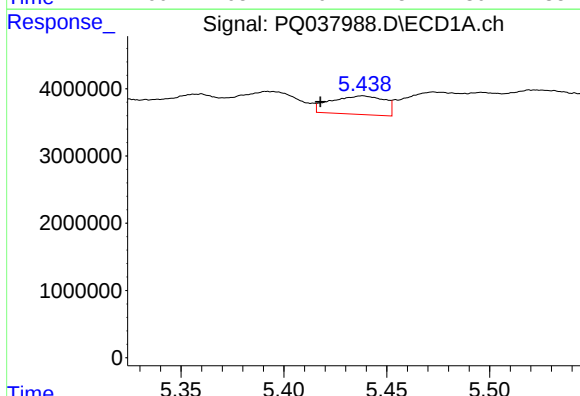
R.T.: 5.359 min
Delta R.T.: 0.001 min
Response: 3037213
Conc: 17.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



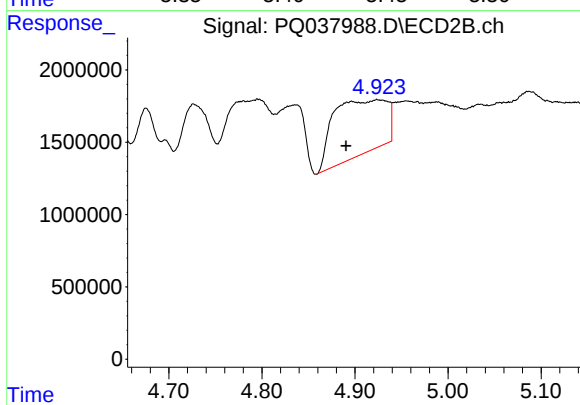
#17 AR-1242-2

R.T.: 4.727 min
Delta R.T.: 0.011 min
Response: 8846306
Conc: 83.88 ng/ml



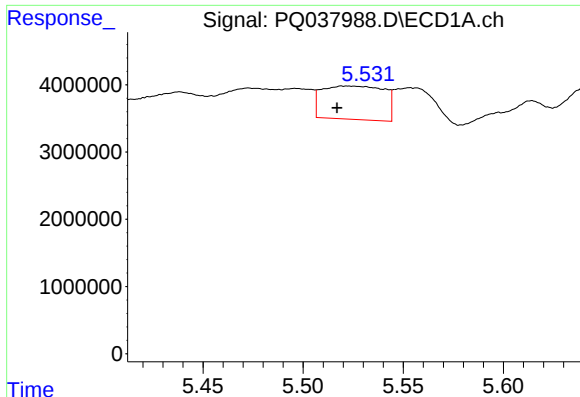
#18 AR-1242-3

R.T.: 5.438 min
Delta R.T.: 0.021 min
Response: 4982243
Conc: 45.09 ng/ml



#18 AR-1242-3

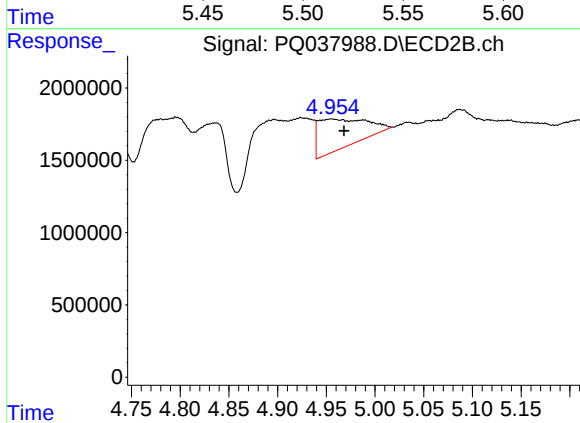
R.T.: 4.924 min
Delta R.T.: 0.033 min
Response: 15058764
Conc: 275.43 ng/ml



#19 AR-1242-4

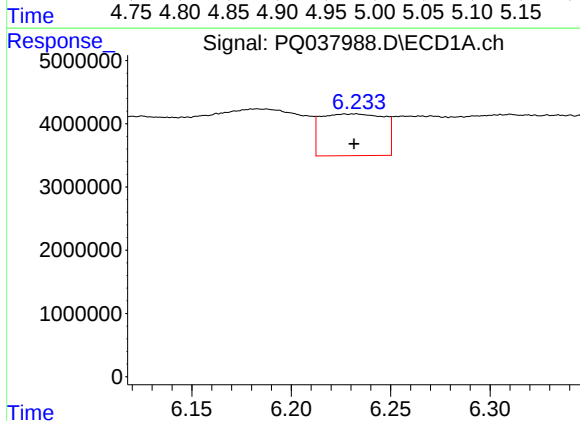
R.T.: 5.521 min
Delta R.T.: 0.004 min
Response: 10726264
Conc: 117.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



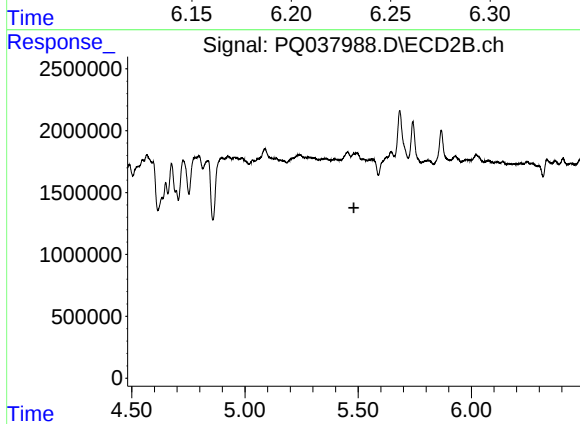
#19 AR-1242-4

R.T.: 4.955 min
Delta R.T.: -0.013 min
Response: 6981937
Conc: 131.41 ng/ml



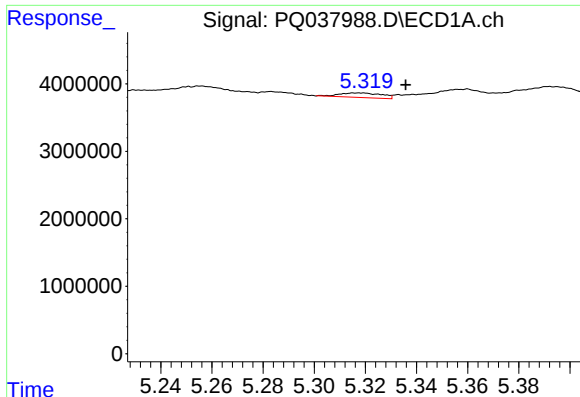
#20 AR-1242-5

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 14547609
Conc: 131.07 ng/ml



#20 AR-1242-5

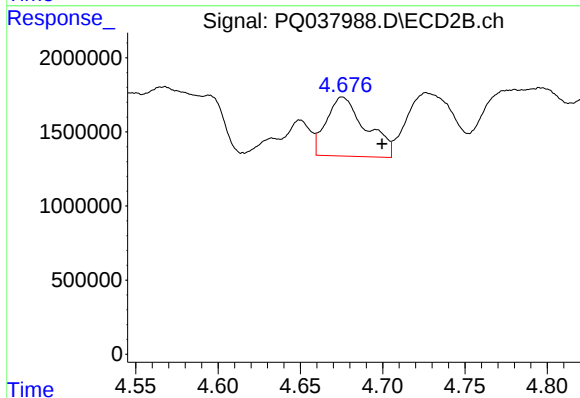
R.T.: 0.000 min
Exp R.T.: 5.481 min
Response: 0
Conc: N.D.



#21 AR-1248-1

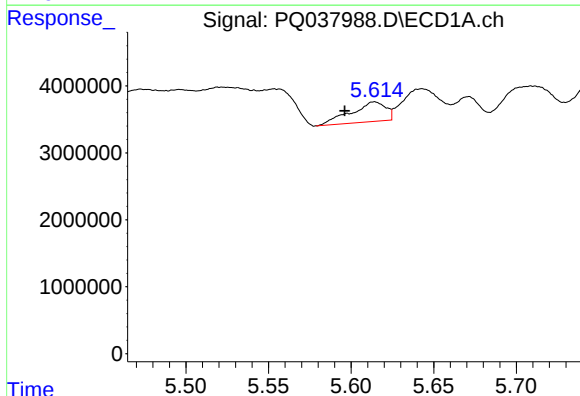
R.T.: 5.318 min
Delta R.T.: -0.018 min
Response: 783072
Conc: 6.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



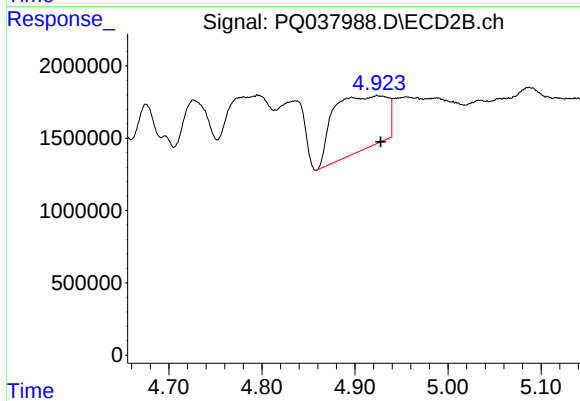
#21 AR-1248-1

R.T.: 4.676 min
Delta R.T.: -0.024 min
Response: 6649183
Conc: 92.25 ng/ml



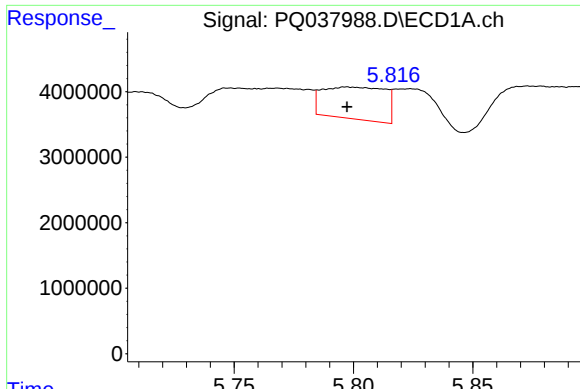
#22 AR-1248-2

R.T.: 5.614 min
Delta R.T.: 0.018 min
Response: 4300718
Conc: 23.98 ng/ml



#22 AR-1248-2

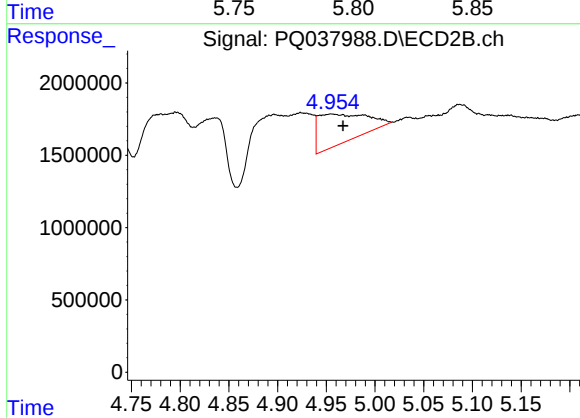
R.T.: 4.924 min
Delta R.T.: -0.004 min
Response: 15058764
Conc: 151.04 ng/ml



#23 AR-1248-3

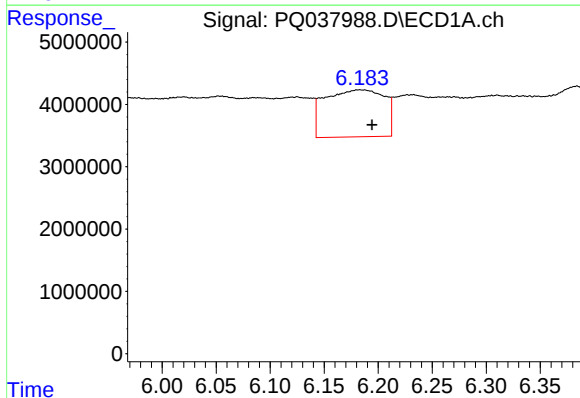
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 8847893
Conc: 42.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



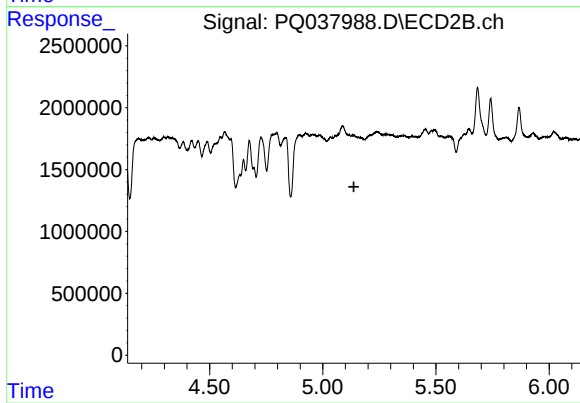
#23 AR-1248-3

R.T.: 4.955 min
Delta R.T.: -0.012 min
Response: 6981937
Conc: 68.27 ng/ml



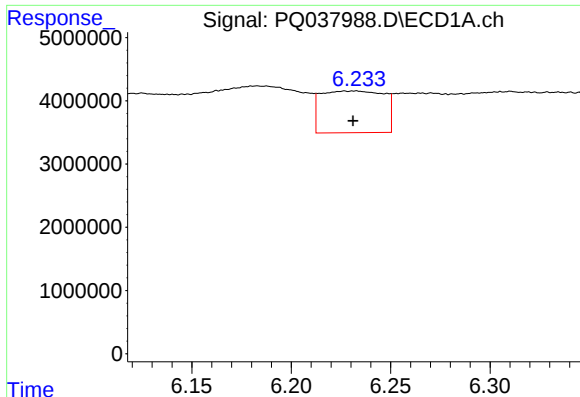
#24 AR-1248-4

R.T.: 6.183 min
Delta R.T.: -0.012 min
Response: 28939273
Conc: 115.85 ng/ml



#24 AR-1248-4

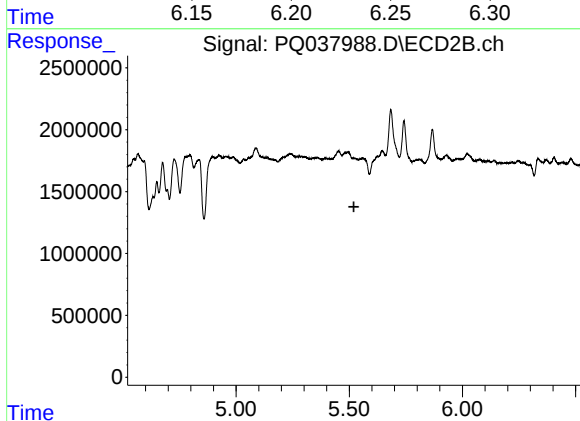
R.T.: 0.000 min
Exp R.T.: 5.137 min
Response: 0
Conc: N.D.



#25 AR-1248-5

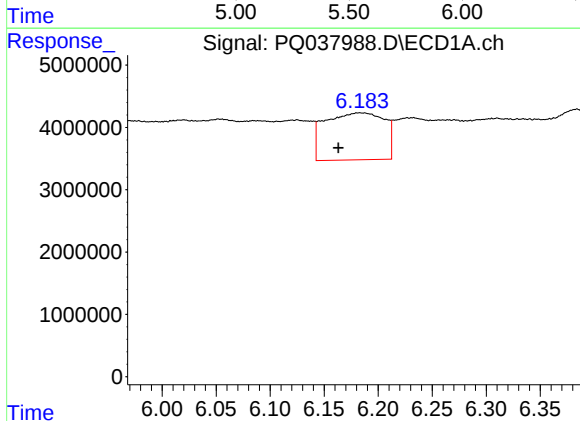
R.T.: 6.232 min
Delta R.T.: 0.001 min
Response: 14547609
Conc: 60.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



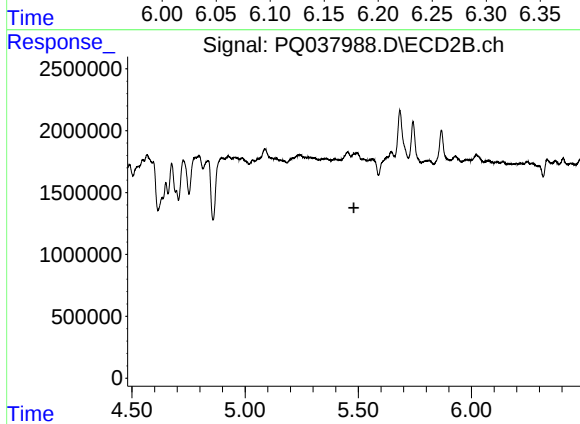
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.



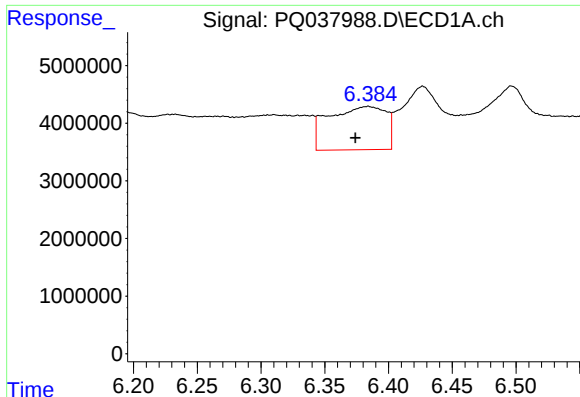
#26 AR-1254-1

R.T.: 6.183 min
Delta R.T.: 0.020 min
Response: 28939273
Conc: 196.49 ng/ml



#26 AR-1254-1

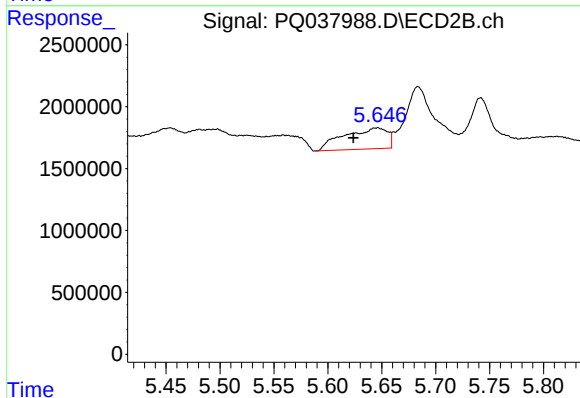
R.T.: 0.000 min
Exp R.T.: 5.480 min
Response: 0
Conc: N.D.



#27 AR-1254-2

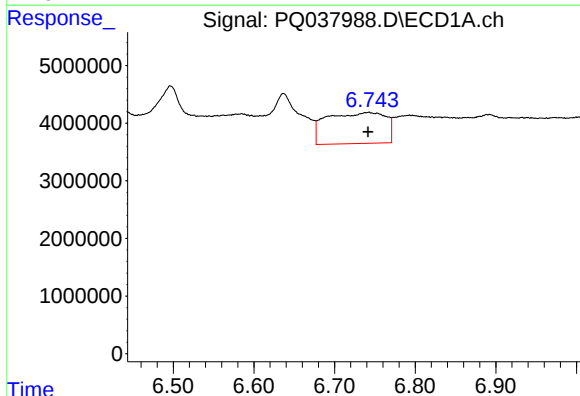
R.T.: 6.384 min
Delta R.T.: 0.010 min
Response: 23525832
Conc: 97.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



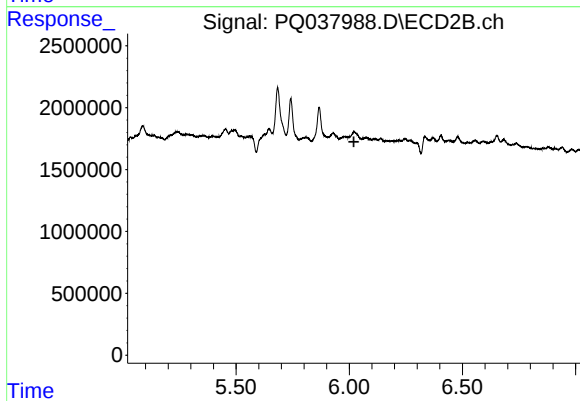
#27 AR-1254-2

R.T.: 5.646 min
Delta R.T.: 0.022 min
Response: 4770458
Conc: 44.40 ng/ml



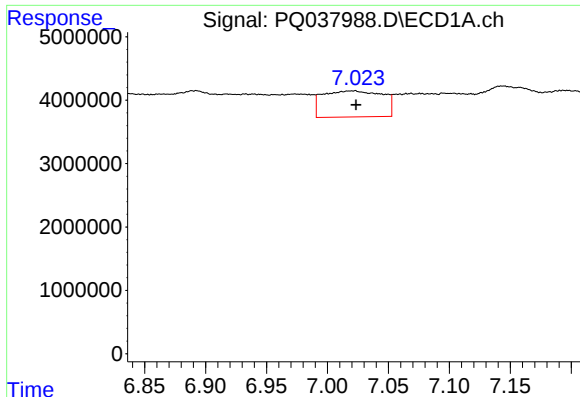
#28 AR-1254-3

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 27355535
Conc: 102.10 ng/ml



#28 AR-1254-3

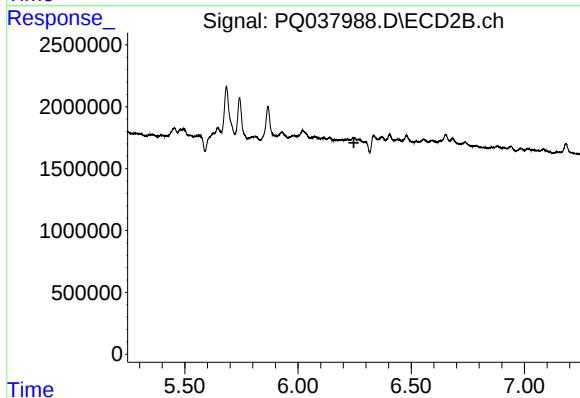
R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.



#29 AR-1254-4

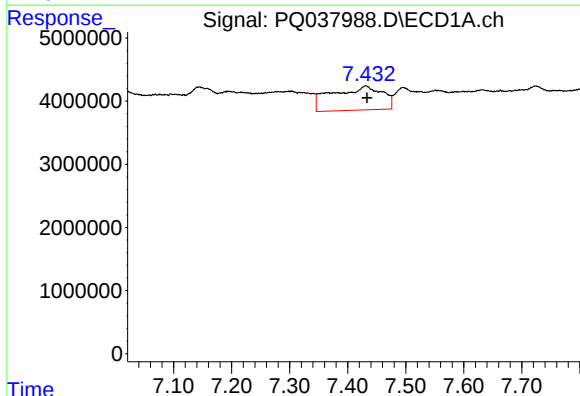
R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 14051876
Conc: 61.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



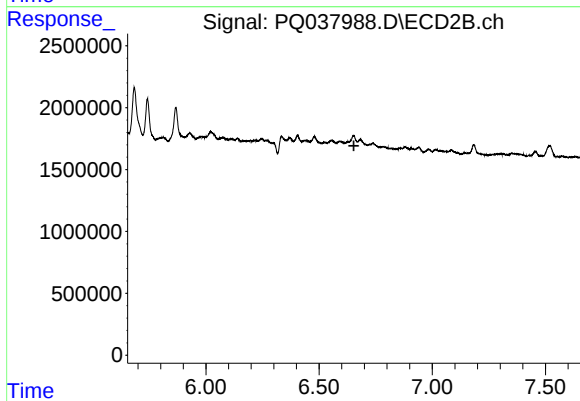
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.



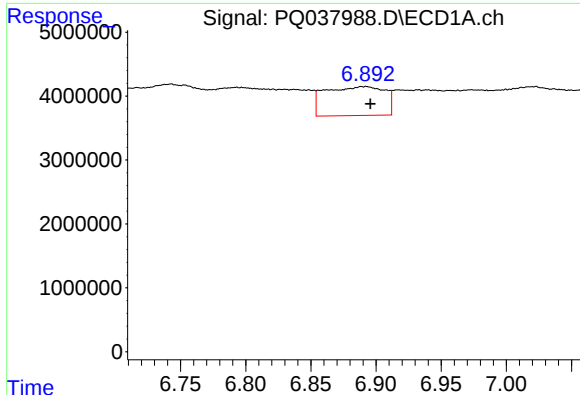
#30 AR-1254-5

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 22749884
Conc: 82.40 ng/ml



#30 AR-1254-5

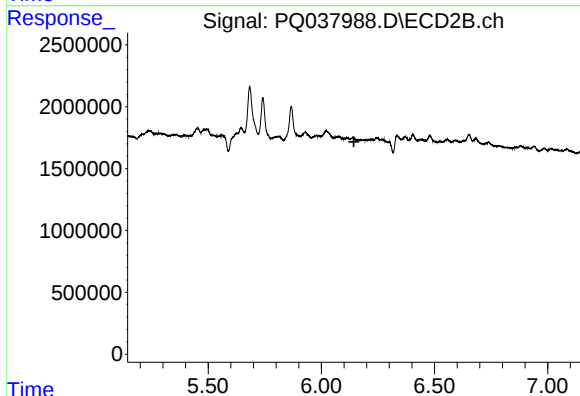
R.T.: 0.000 min
Exp R.T. : 6.654 min
Response: 0
Conc: N.D.



#31 AR-1260-1

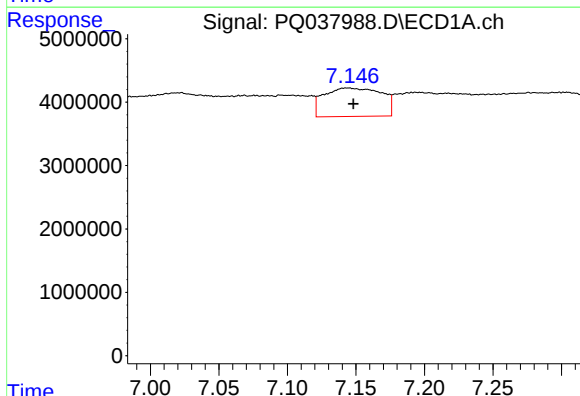
R.T.: 6.892 min
Delta R.T.: -0.004 min
Response: 14474134
Conc: 60.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



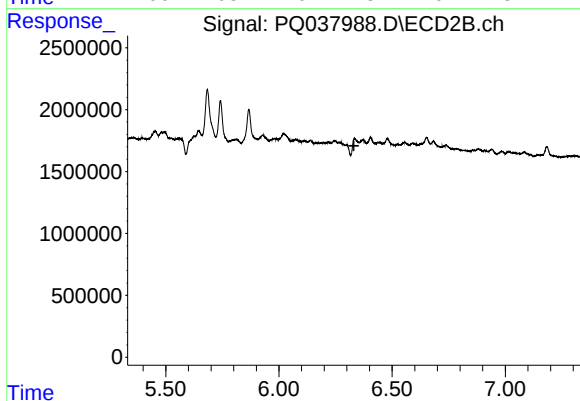
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.144 min
Response: 0
Conc: N.D.



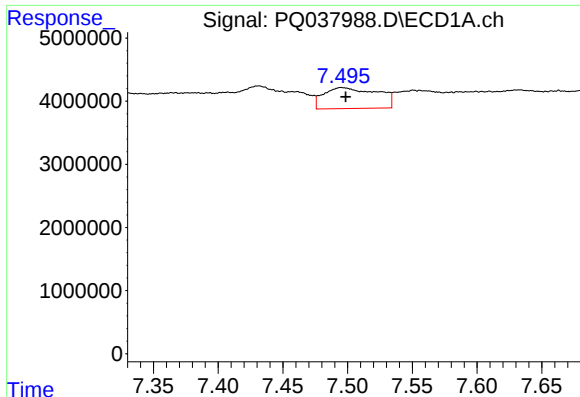
#32 AR-1260-2

R.T.: 7.144 min
Delta R.T.: -0.004 min
Response: 13125904
Conc: 39.72 ng/ml



#32 AR-1260-2

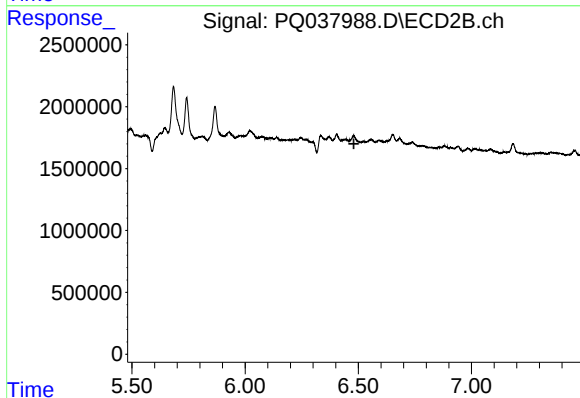
R.T.: 6.334 min
Delta R.T.: 0.003 min
Response: -201887
Conc: N.D.



#33 AR-1260-3

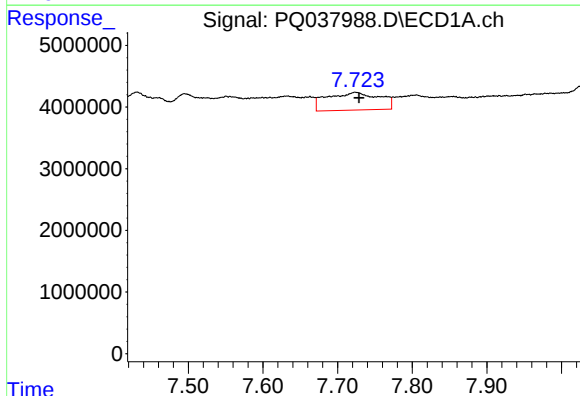
R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 9587747
Conc: 33.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



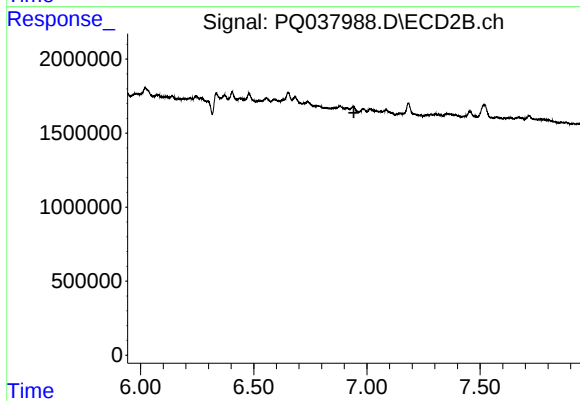
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.480 min
Response: 0
Conc: N.D.



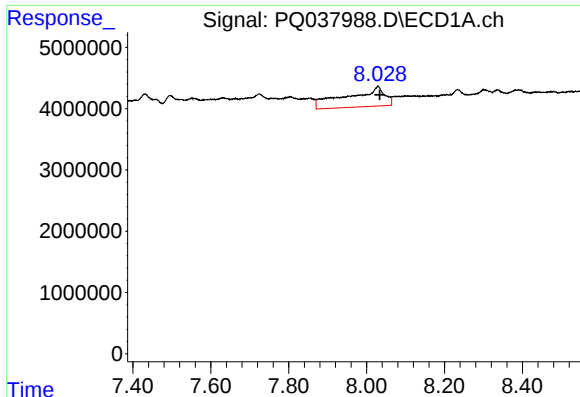
#34 AR-1260-4

R.T.: 7.724 min
Delta R.T.: -0.004 min
Response: 14013572
Conc: 50.14 ng/ml



#34 AR-1260-4

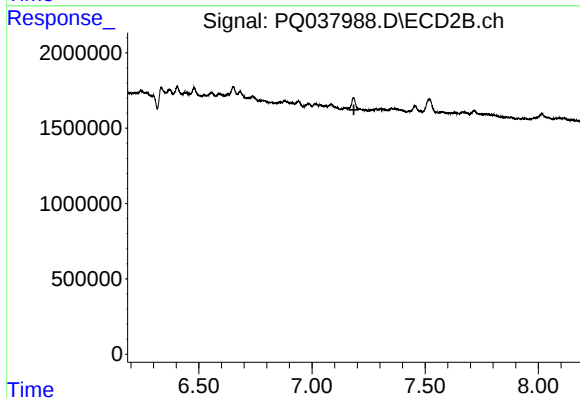
R.T.: 0.000 min
Exp R.T. : 6.942 min
Response: 0
Conc: N.D.



#35 AR-1260-5

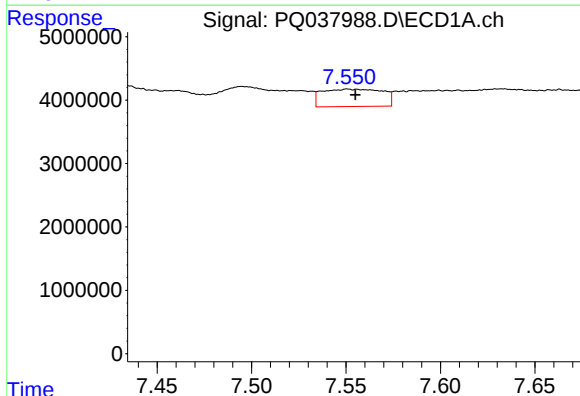
R.T.: 8.029 min
Delta R.T.: -0.005 min
Response: 21776509
Conc: 31.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



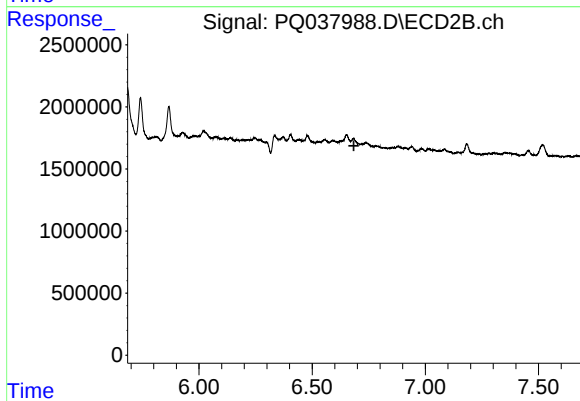
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.185 min
Response: 0
Conc: N.D.



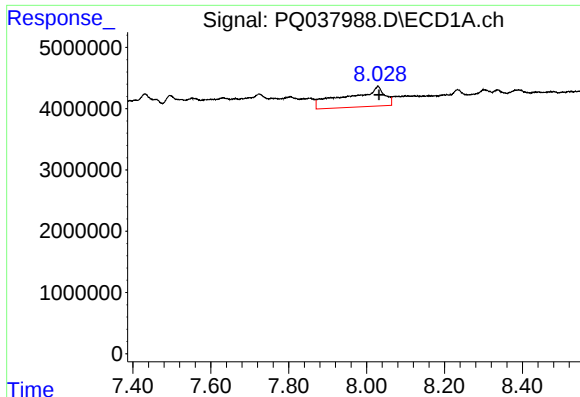
#36 AR-1262-1

R.T.: 7.552 min
Delta R.T.: -0.002 min
Response: 6138329
Conc: 37.06 ng/ml



#36 AR-1262-1

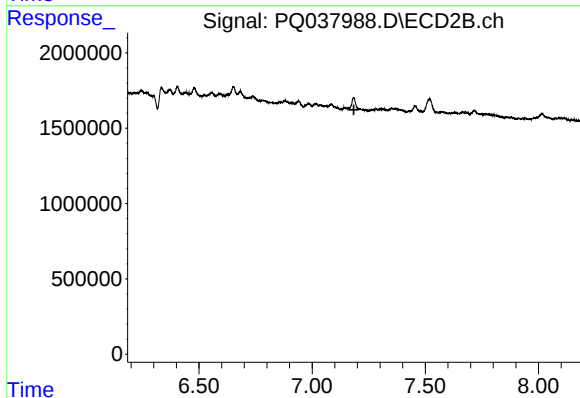
R.T.: 0.000 min
Exp R.T. : 6.685 min
Response: 0
Conc: N.D.



#37 AR-1262-2

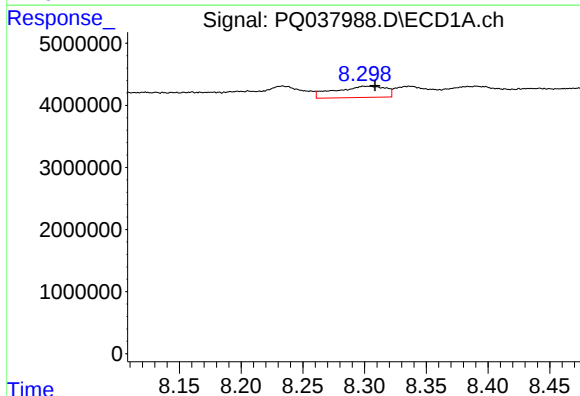
R.T.: 8.029 min
Delta R.T.: -0.003 min
Response: 21776509
Conc: 27.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



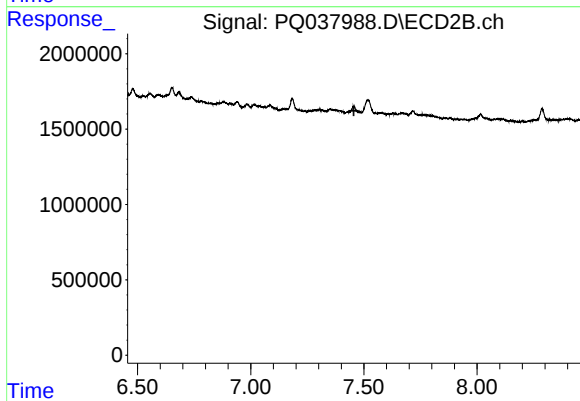
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.185 min
Response: 0
Conc: N.D.



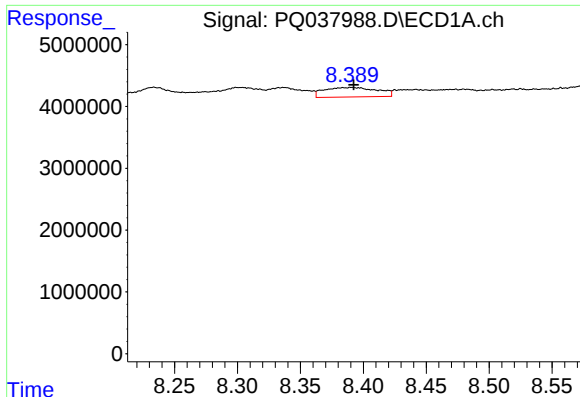
#38 AR-1262-3

R.T.: 8.302 min
Delta R.T.: -0.006 min
Response: 5200376
Conc: 14.88 ng/ml



#38 AR-1262-3

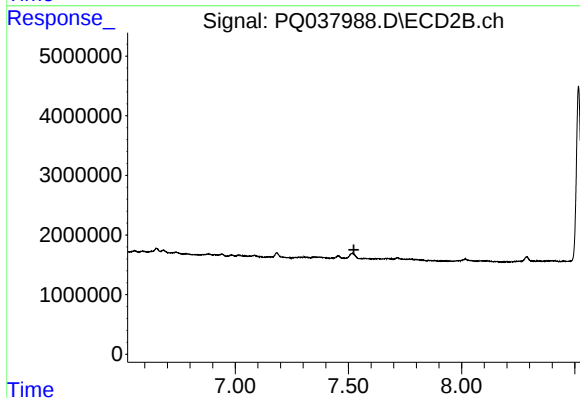
R.T.: 0.000 min
Exp R.T. : 7.456 min
Response: 0
Conc: N.D.



#39 AR-1262-4

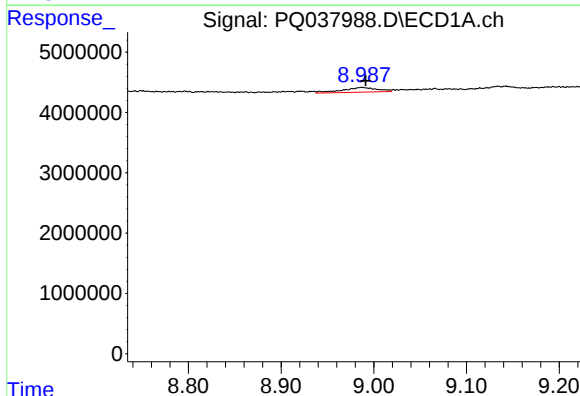
R.T.: 8.390 min
Delta R.T.: -0.002 min
Response: 4511060
Conc: 11.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



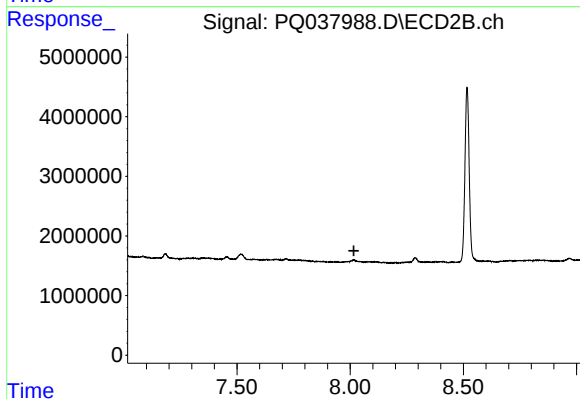
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.524 min
Response: 0
Conc: N.D.



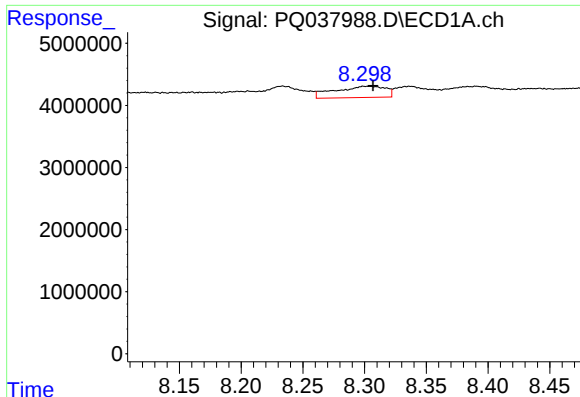
#40 AR-1262-5

R.T.: 8.987 min
Delta R.T.: -0.004 min
Response: 2079647
Conc: 7.83 ng/ml



#40 AR-1262-5

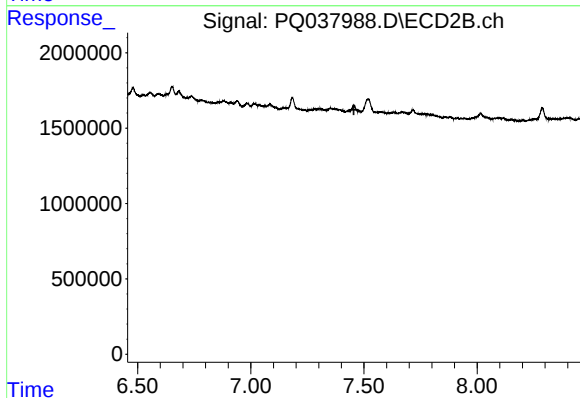
R.T.: 0.000 min
Exp R.T. : 8.016 min
Response: 0
Conc: N.D.



#41 AR-1268-1

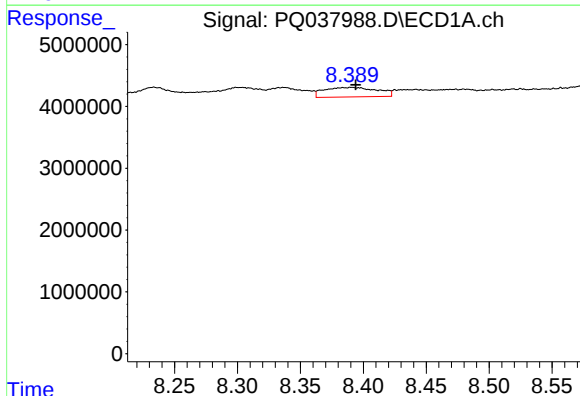
R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 5200376
Conc: 5.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



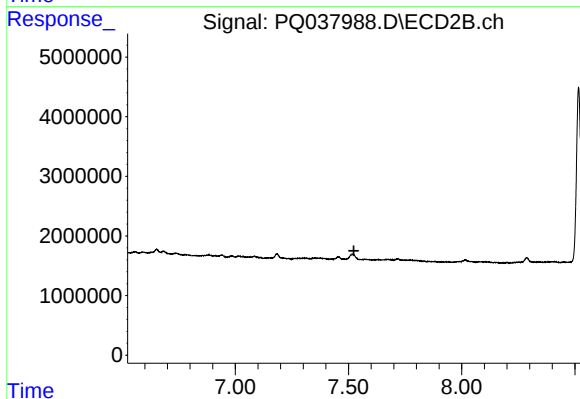
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.456 min
Response: 0
Conc: N.D.



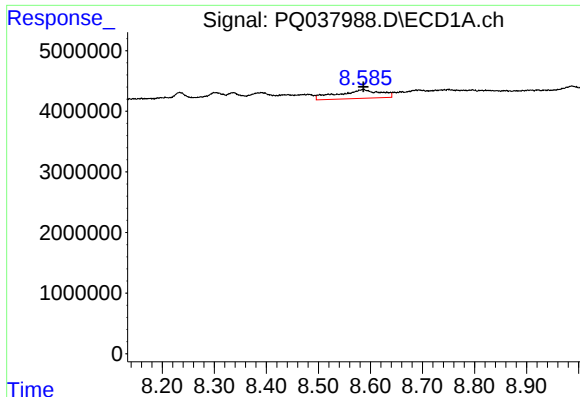
#42 AR-1268-2

R.T.: 8.390 min
Delta R.T.: -0.004 min
Response: 4511060
Conc: 5.25 ng/ml



#42 AR-1268-2

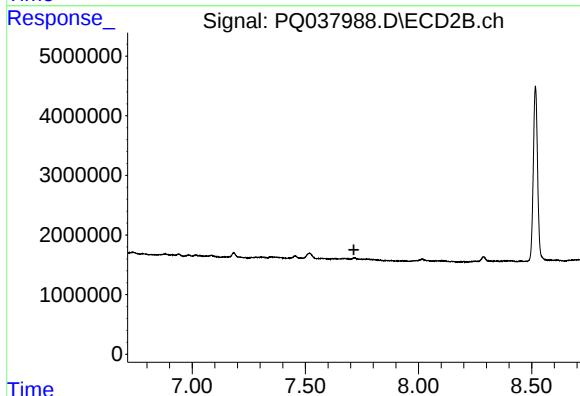
R.T.: 0.000 min
Exp R.T. : 7.524 min
Response: 0
Conc: N.D.



#43 AR-1268-3

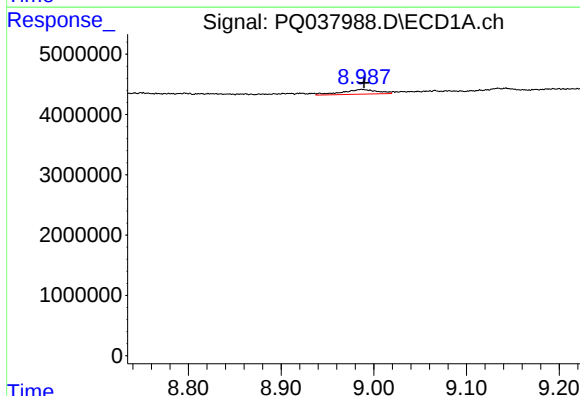
R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 8178428
Conc: 10.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



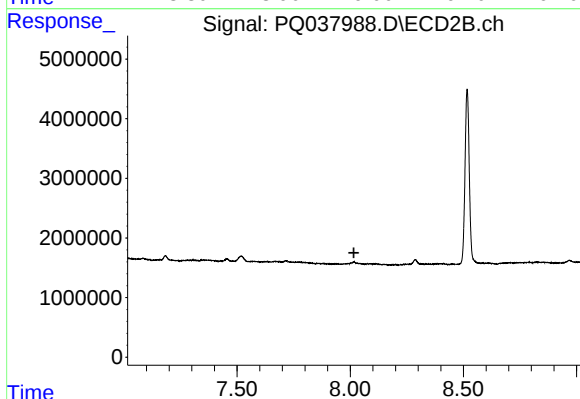
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.714 min
Response: 0
Conc: N.D.



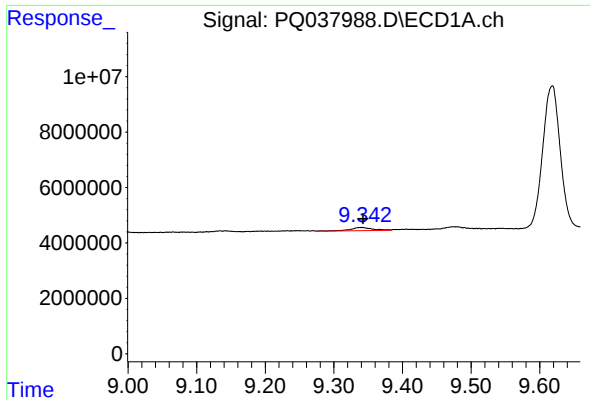
#44 AR-1268-4

R.T.: 8.987 min
Delta R.T.: -0.002 min
Response: 2079647
Conc: 7.22 ng/ml



#44 AR-1268-4

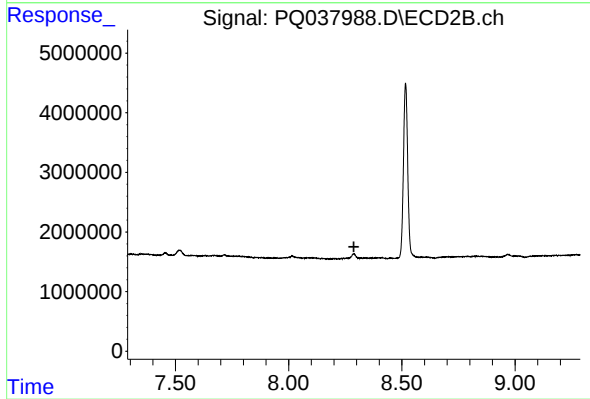
R.T.: 0.000 min
Exp R.T. : 8.016 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.003 min
Response: 2543724
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HR-06-031119-C



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.288 min
Response: 0
Conc: N.D.