

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 02:14
 Operator : SM\AJ
 Sample : K3591-08
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:57:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 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...	5.694	4.783	41442642	15652985	26.010	25.842
2)	SA Decachlor...	12.080	10.553	148.9E6	74633167	23.616	23.827
Target Compounds							
3)	L1 AR-1016-1	0.000	6.237	0	54492	N.D.	1.847 #
4)	L1 AR-1016-2	0.000	6.257	0	105803	N.D.	2.701 #
5)	L1 AR-1016-3	0.000	6.519	0	119978	N.D.	5.703 #
6)	L1 AR-1016-4	0.000	6.535	0	55046	N.D.	3.160 #
8)	L2 AR-1221-1	0.000	5.093	0	26500	N.D.	4.546 #
9)	L2 AR-1221-2	0.000	5.204	0	242522	N.D.	50.438 #
10)	L2 AR-1221-3	0.000	5.333	0	34305	N.D.	2.090 #
11)	L3 AR-1232-1	0.000	5.333	0	34305	N.D.	1.857 #
12)	L3 AR-1232-2	0.000	6.257	0	105803	N.D.	5.304 #
13)	L3 AR-1232-3	0.000	6.519	0	119978	N.D.	11.053 #
14)	L3 AR-1232-4	0.000	6.535	0	55046	N.D.	5.392 #
16)	L4 AR-1242-1	0.000	6.237	0	54492	N.D.	3.154 #
17)	L4 AR-1242-2	0.000	6.257	0	105803	N.D.	4.556 #
18)	L4 AR-1242-3	0.000	6.519	0	119978	N.D.	9.708 #
19)	L4 AR-1242-4	0.000	6.535	0	55046	N.D.	4.332 #
20)	L4 AR-1242-5	0.000	7.188	0	586184	N.D.	29.278 #
21)	L5 AR-1248-1	0.000	6.237	0	54492	N.D.	4.327 #
22)	L5 AR-1248-2	0.000	6.535	0	55046	N.D.	3.108 #
23)	L5 AR-1248-3	0.000	6.535	0	55046	N.D.	2.940 #
24)	L5 AR-1248-4	8.098	6.780	2217343	-32280	30.741	N.D. #
25)	L5 AR-1248-5	0.000	7.223	0	237093	N.D.	8.365 #
26)	L6 AR-1254-1	8.098	7.188	2217343	586184	30.886	12.959 #
27)	L6 AR-1254-2	8.333	7.357	1475997	668025	12.005	15.158 #
28)	L6 AR-1254-3	8.787	7.822	5460290	2683257	37.544	35.972
29)	L6 AR-1254-4	9.026	8.053	2454877	310932	19.073	5.618 #
30)	L6 AR-1254-5	9.463	8.499	9511816	3852461	62.633	47.271
31)	L7 AR-1260-1	8.900	7.947	9496514	4213544	73.106	72.584
32)	L7 AR-1260-2	9.169	8.148	10632312	5363701	64.008	70.157
33)	L7 AR-1260-3	9.544	8.316	15107646	5182006	110.057	73.912 #
34)	L7 AR-1260-4	9.786	8.814	16042852	6732596	94.370	102.127
35)	L7 AR-1260-5	10.131	9.063	33660513	13652784	85.599	72.714
36)	L8 AR-1262-1	9.544	8.540	15107646	7146882	68.645	72.282
37)	L8 AR-1262-2	10.131	9.063	33660513	13652784	65.841	61.085
38)	L8 AR-1262-3	10.466	9.358	23740663	7318471	61.857	63.609
39)	L8 AR-1262-4	10.564	9.424	18156239	15140275	106.351	67.201 #
40)	L8 AR-1262-5	11.269	9.949	16138435	9452064	55.450	61.180
41)	L9 AR-1268-1	10.466	9.358	23740663	7318471	37.067	22.384 #
42)	L9 AR-1268-2	10.564	9.424	18156239	15140275	29.217	47.335 #
43)	L9 AR-1268-3	0.000	9.641	0	1679320	N.D.	5.926 #

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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 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
44) L9	AR-1268-4	11.269	9.949	16138435	9452064	55.632	58.157
45) L9	AR-1268-5	11.715	10.270	7109934	3820271	2.982	3.042

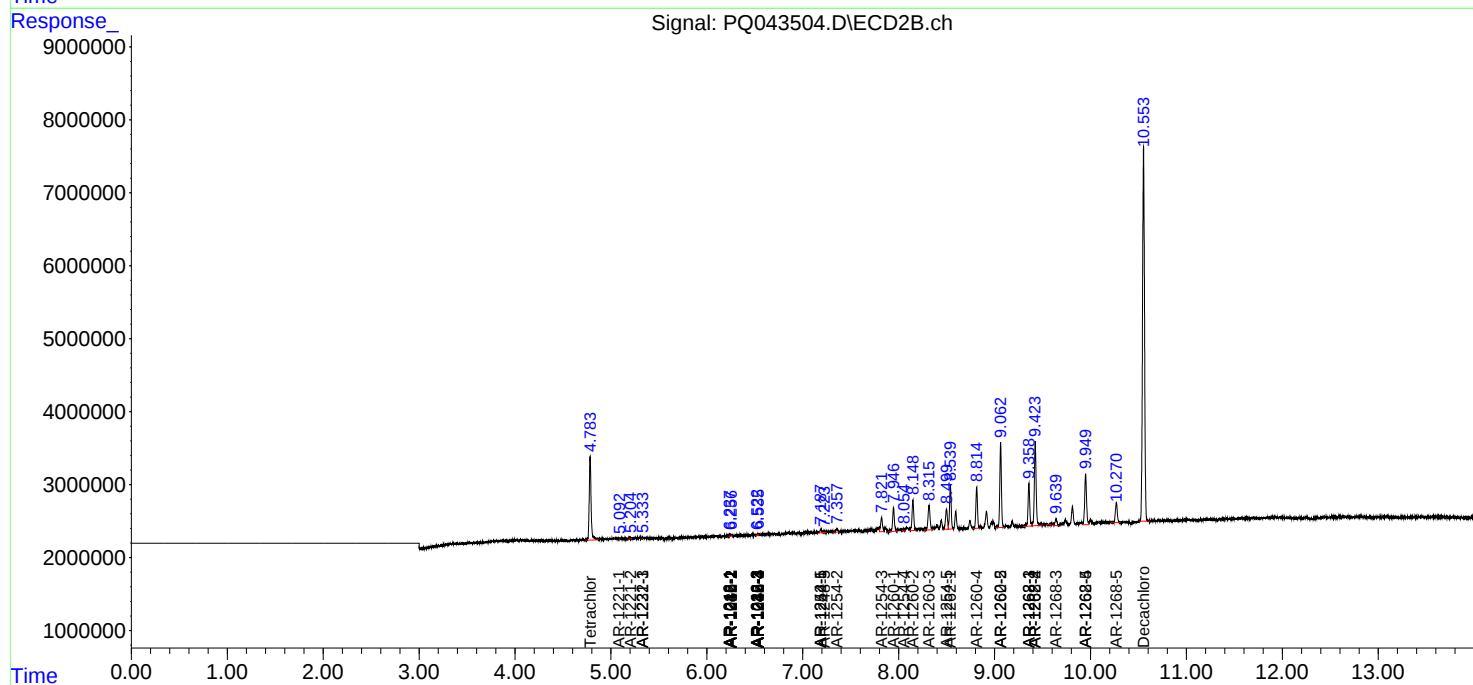
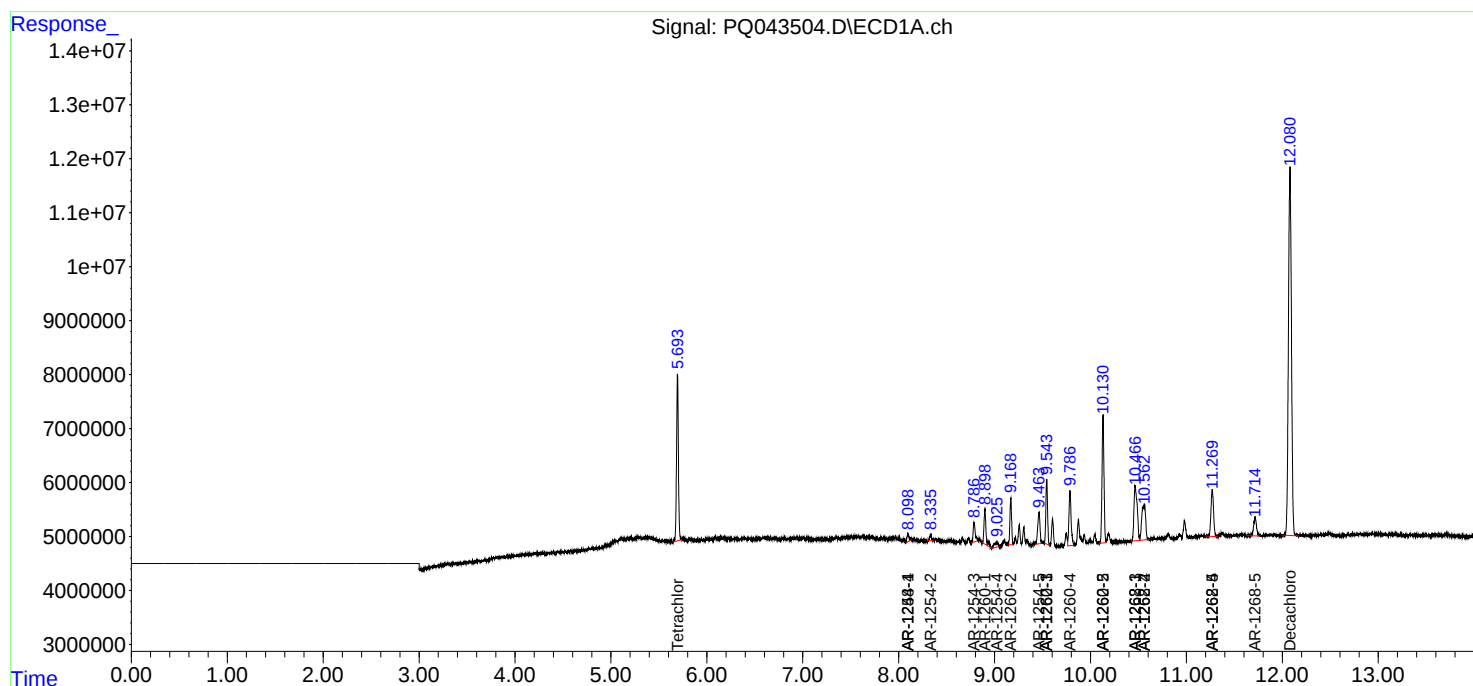
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

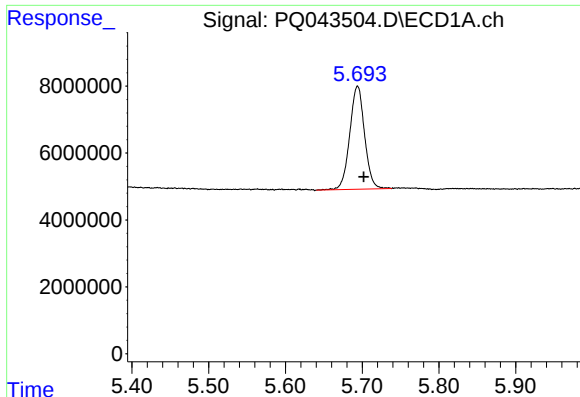
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

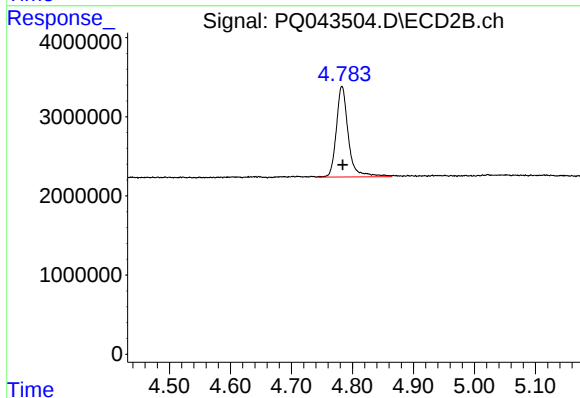




#1 Tetrachloro-m-xylene

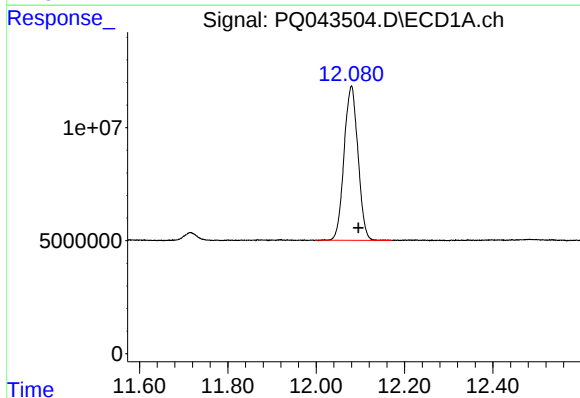
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 41442642
Conc: 26.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



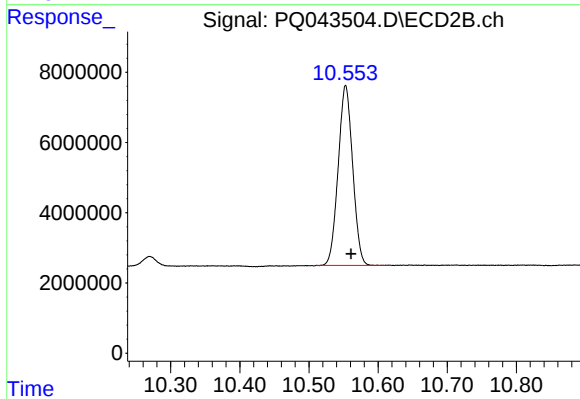
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 15652985
Conc: 25.84 ng/ml



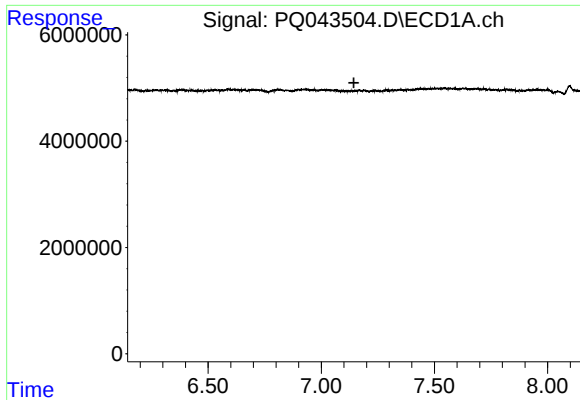
#2 Decachlorobiphenyl

R.T.: 12.080 min
Delta R.T.: -0.016 min
Response: 148949555
Conc: 23.62 ng/ml



#2 Decachlorobiphenyl

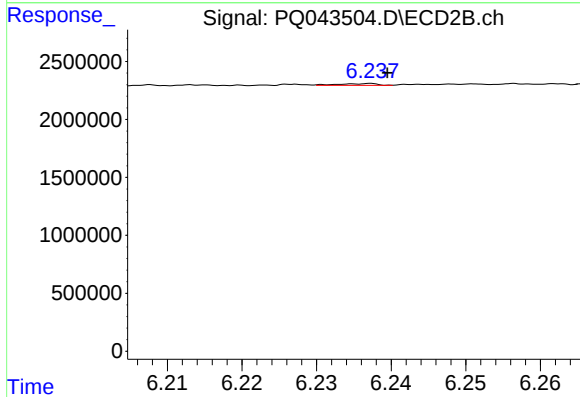
R.T.: 10.553 min
Delta R.T.: -0.008 min
Response: 74633167
Conc: 23.83 ng/ml



#3 AR-1016-1

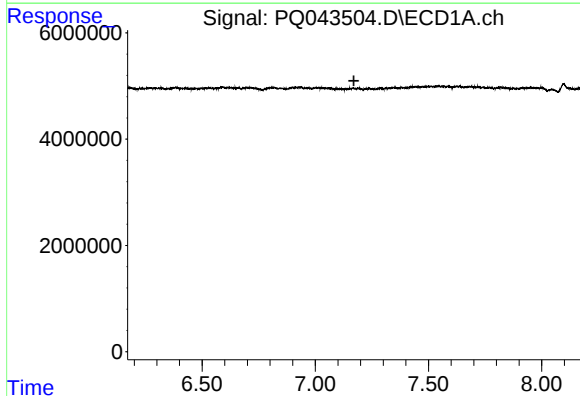
R.T.: 0.000 min
Exp R.T.: 7.144 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



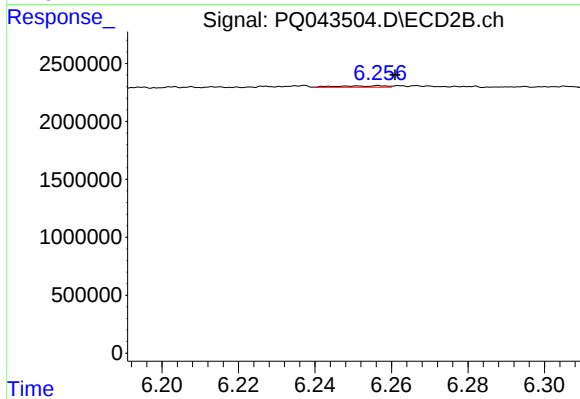
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 54492
Conc: 1.85 ng/ml



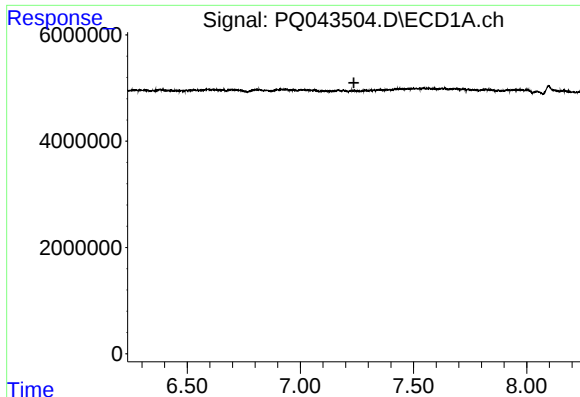
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.



#4 AR-1016-2

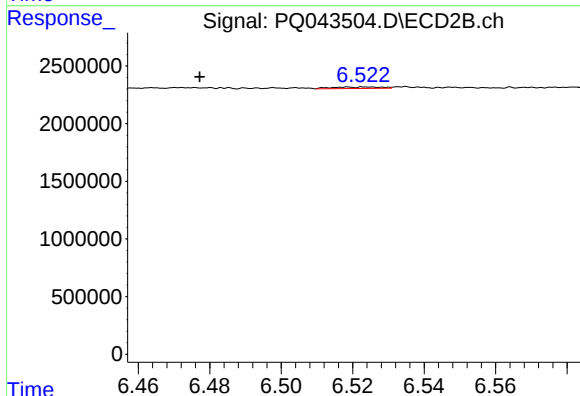
R.T.: 6.257 min
Delta R.T.: -0.004 min
Response: 105803
Conc: 2.70 ng/ml



#5 AR-1016-3

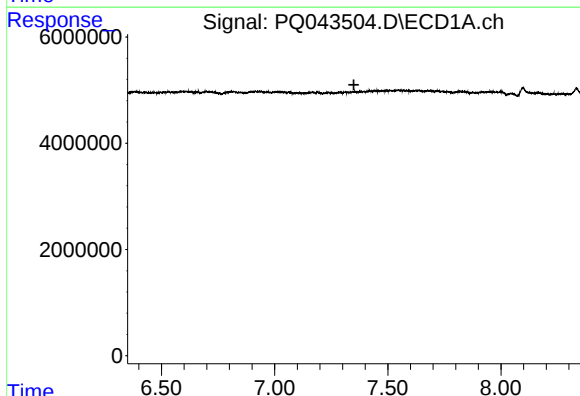
R.T.: 0.000 min
Exp R.T.: 7.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



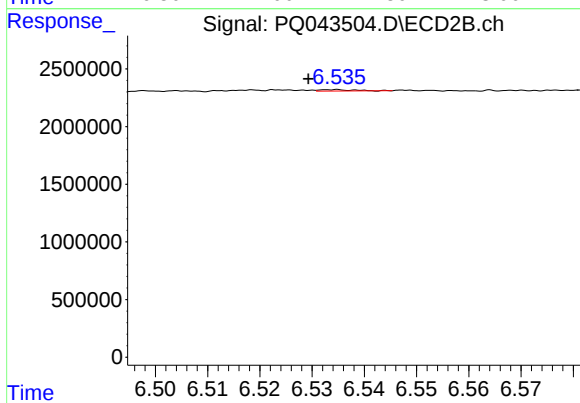
#5 AR-1016-3

R.T.: 6.519 min
Delta R.T.: 0.042 min
Response: 119978
Conc: 5.70 ng/ml



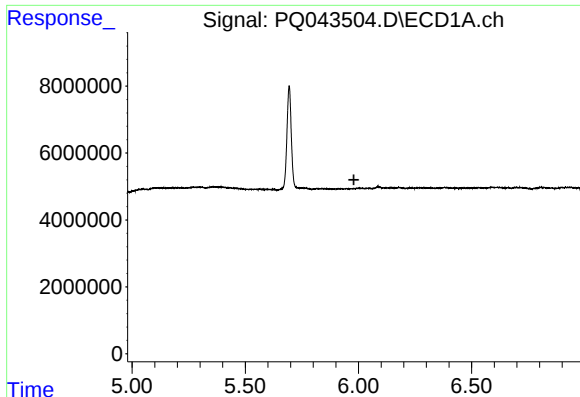
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.350 min
Response: 0
Conc: N.D.



#6 AR-1016-4

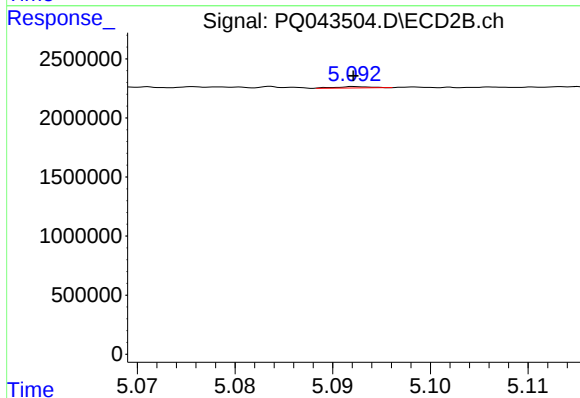
R.T.: 6.535 min
Delta R.T.: 0.006 min
Response: 55046
Conc: 3.16 ng/ml



#8 AR-1221-1

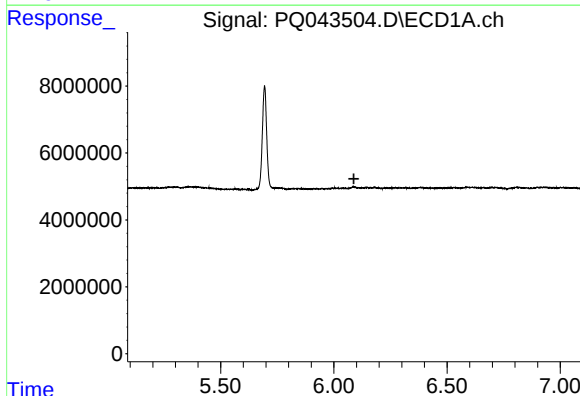
R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



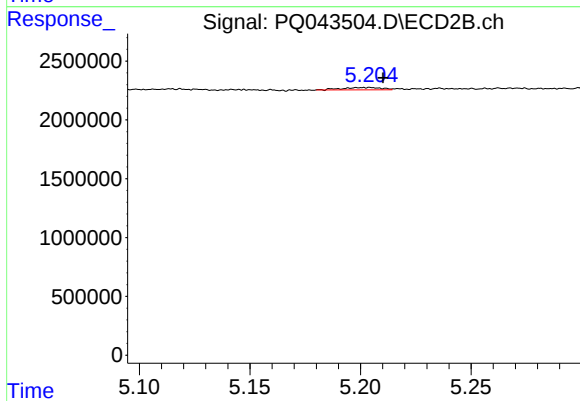
#8 AR-1221-1

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 26500
Conc: 4.55 ng/ml



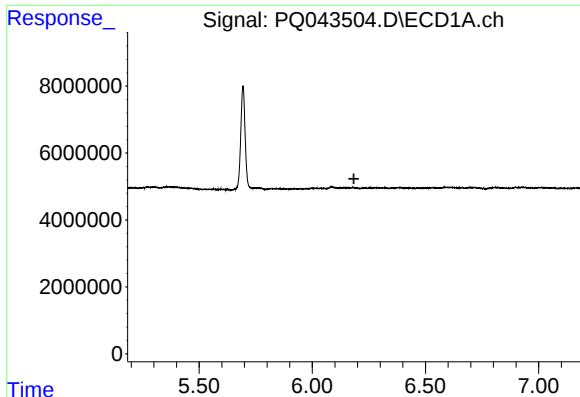
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.088 min
Response: 0
Conc: N.D.



#9 AR-1221-2

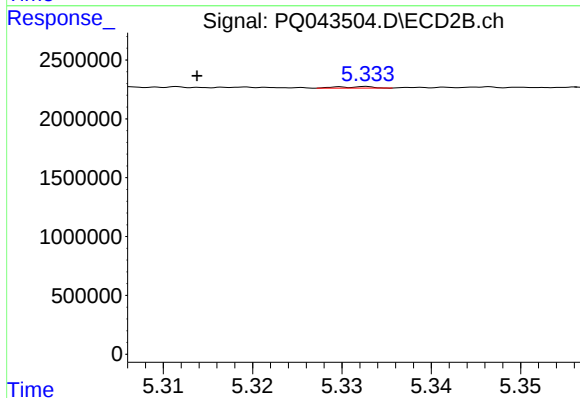
R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 242522
Conc: 50.44 ng/ml



#10 AR-1221-3

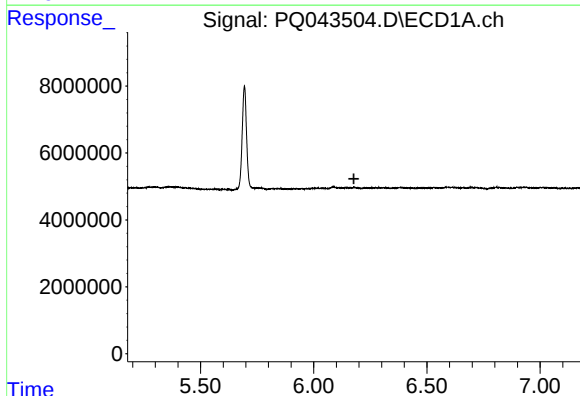
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



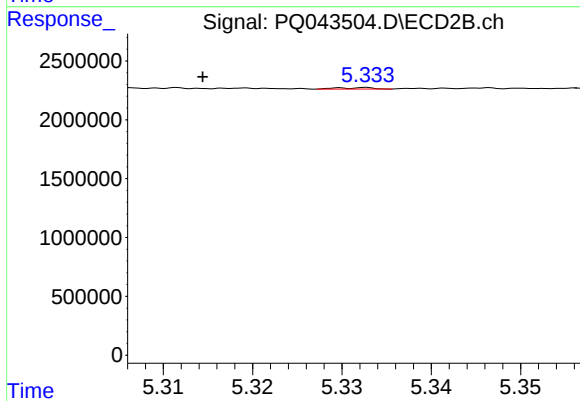
#10 AR-1221-3

R.T.: 5.333 min
Delta R.T.: 0.019 min
Response: 34305
Conc: 2.09 ng/ml



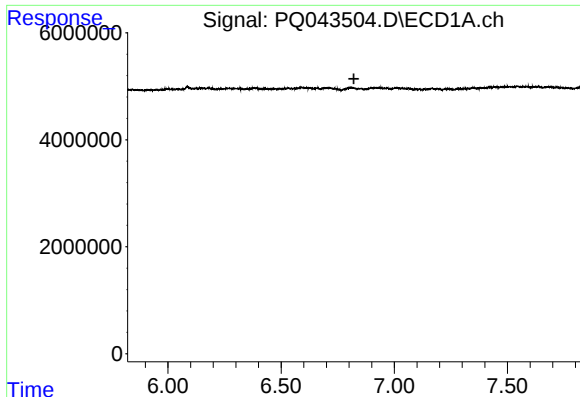
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 6.178 min
Response: 0
Conc: N.D.



#11 AR-1232-1

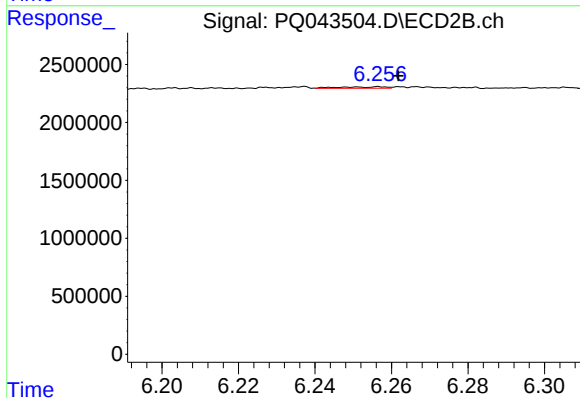
R.T.: 5.333 min
Delta R.T.: 0.018 min
Response: 34305
Conc: 1.86 ng/ml



#12 AR-1232-2

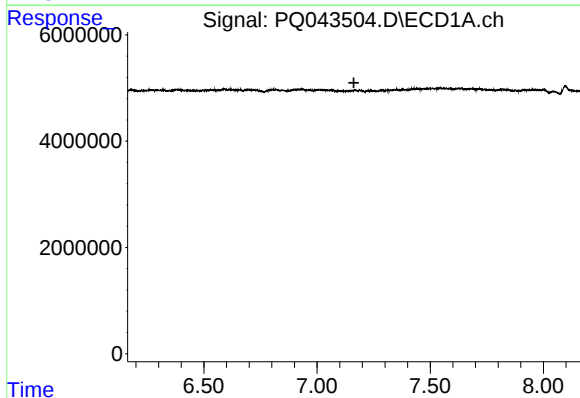
R.T.: 0.000 min
Exp R.T.: 6.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



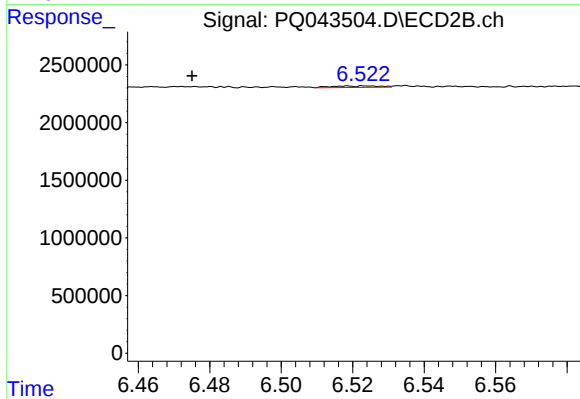
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 105803
Conc: 5.30 ng/ml



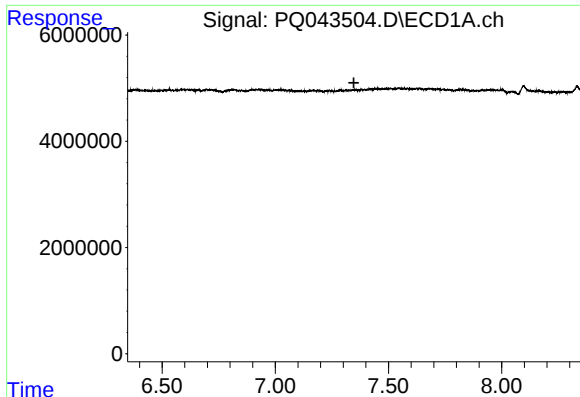
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.



#13 AR-1232-3

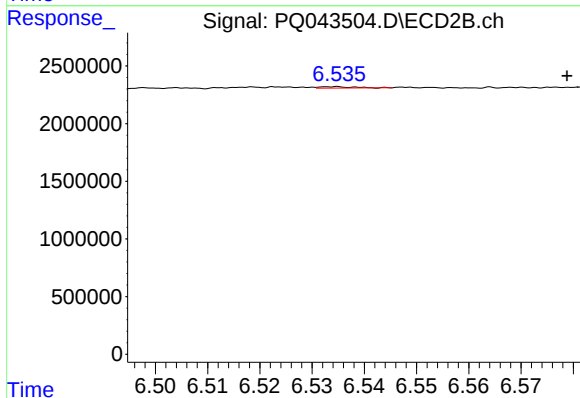
R.T.: 6.519 min
Delta R.T.: 0.044 min
Response: 119978
Conc: 11.05 ng/ml



#14 AR-1232-4

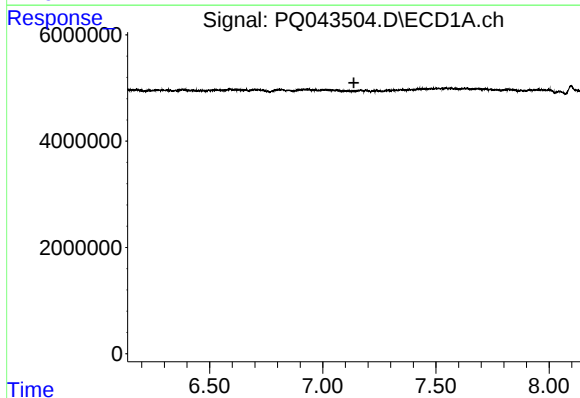
R.T.: 0.000 min
Exp R.T.: 7.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



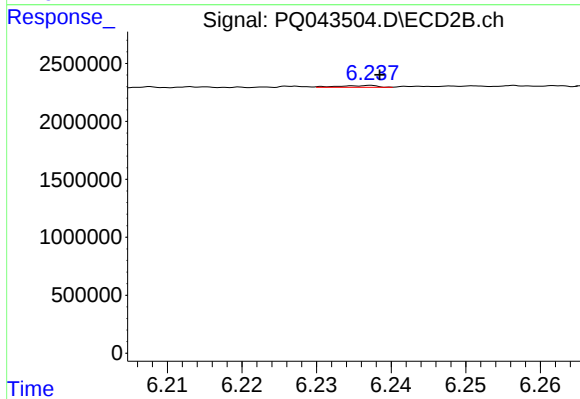
#14 AR-1232-4

R.T.: 6.535 min
Delta R.T.: -0.044 min
Response: 55046
Conc: 5.39 ng/ml



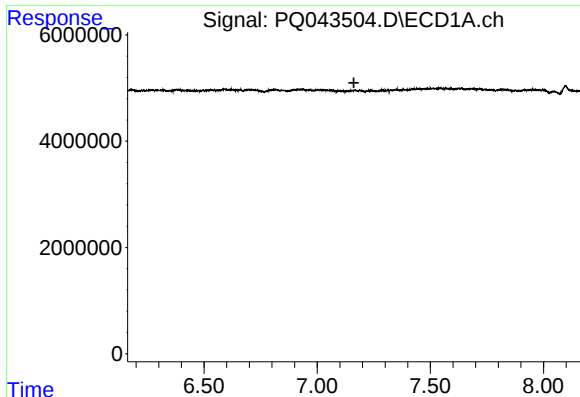
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.



#16 AR-1242-1

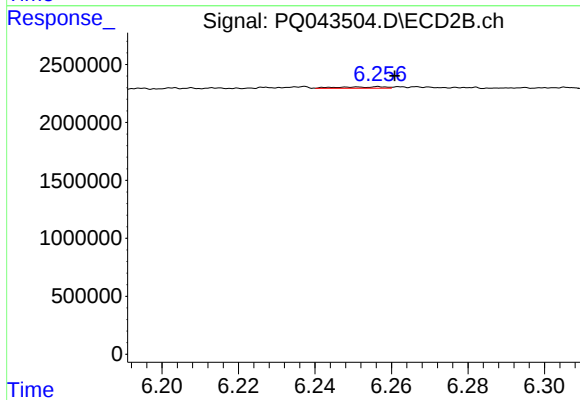
R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 54492
Conc: 3.15 ng/ml



#17 AR-1242-2

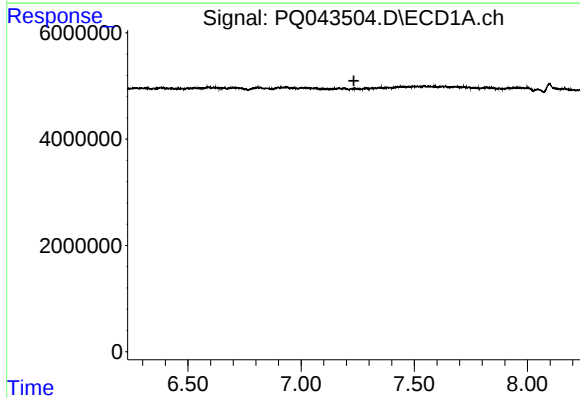
R.T.: 0.000 min
Exp R.T.: 7.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



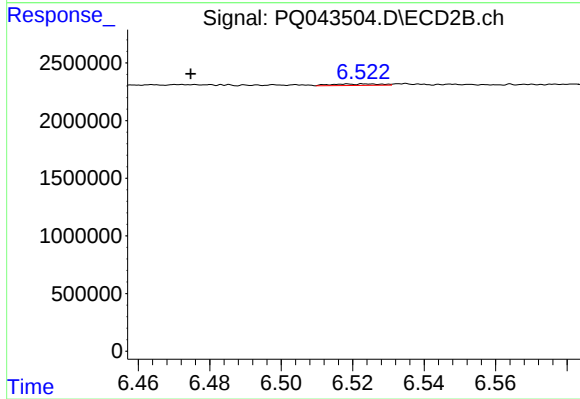
#17 AR-1242-2

R.T.: 6.257 min
Delta R.T.: -0.004 min
Response: 105803
Conc: 4.56 ng/ml



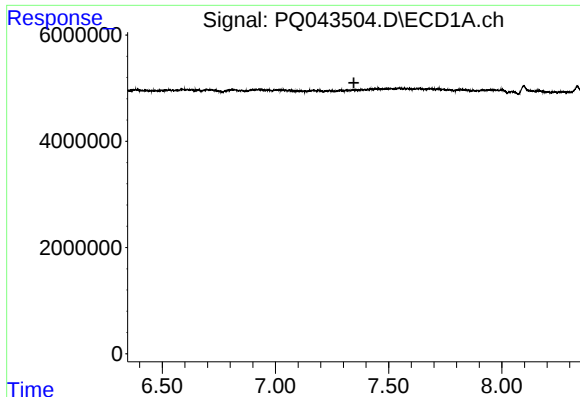
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.233 min
Response: 0
Conc: N.D.



#18 AR-1242-3

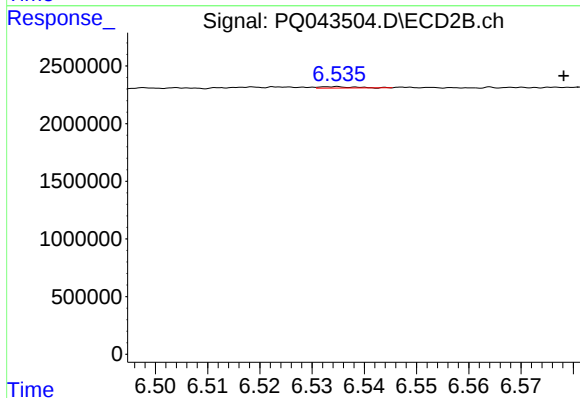
R.T.: 6.519 min
Delta R.T.: 0.044 min
Response: 119978
Conc: 9.71 ng/ml



#19 AR-1242-4

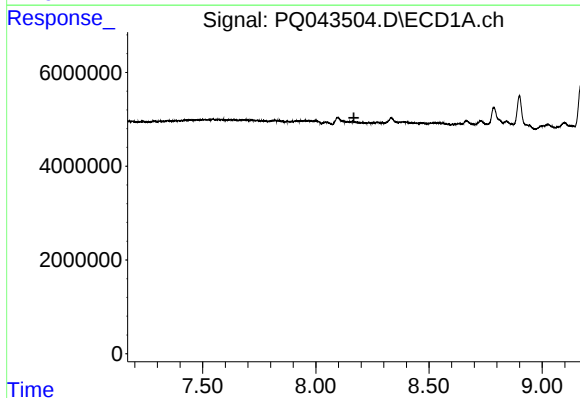
R.T.: 0.000 min
Exp R.T.: 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



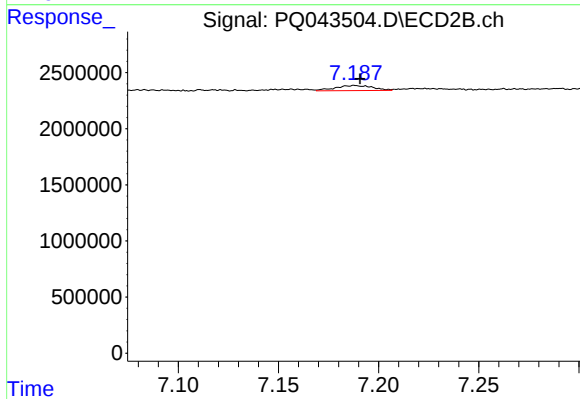
#19 AR-1242-4

R.T.: 6.535 min
Delta R.T.: -0.043 min
Response: 55046
Conc: 4.33 ng/ml



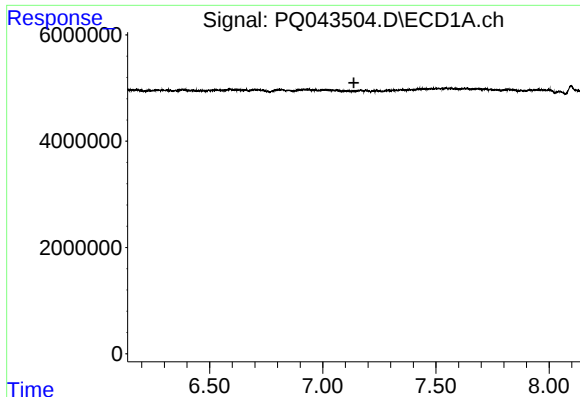
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 8.168 min
Response: 0
Conc: N.D.



#20 AR-1242-5

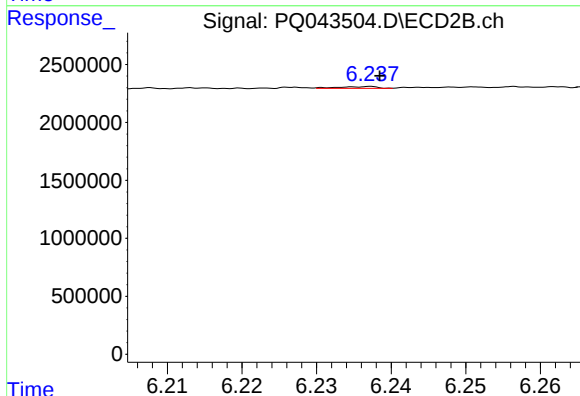
R.T.: 7.188 min
Delta R.T.: -0.003 min
Response: 586184
Conc: 29.28 ng/ml



#21 AR-1248-1

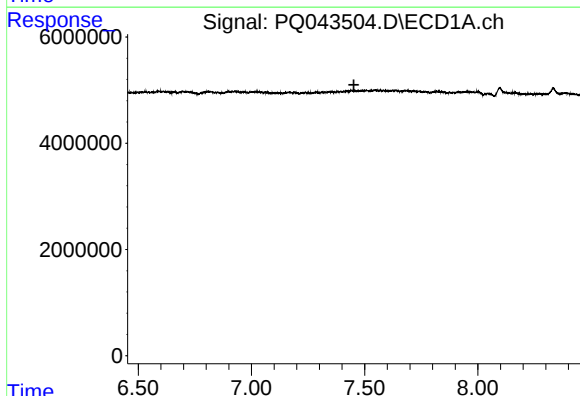
R.T.: 0.000 min
Exp R.T.: 7.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



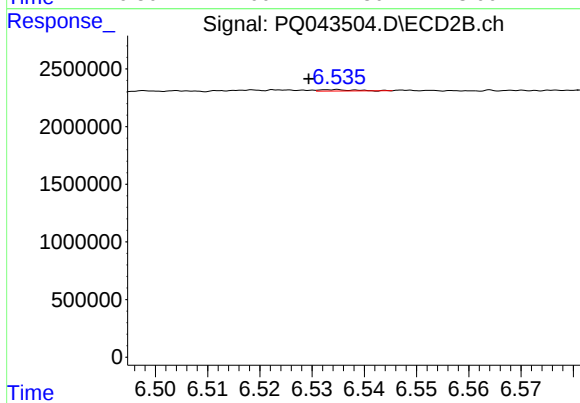
#21 AR-1248-1

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 54492
Conc: 4.33 ng/ml



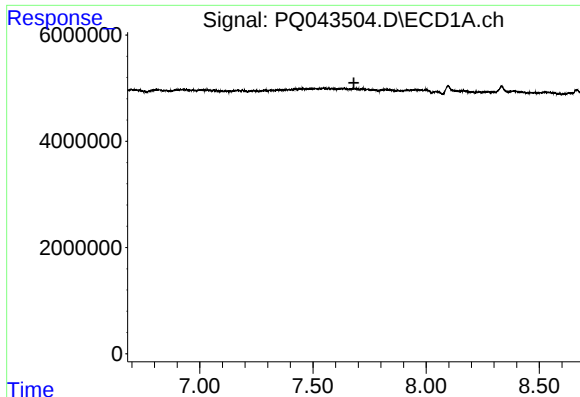
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.



#22 AR-1248-2

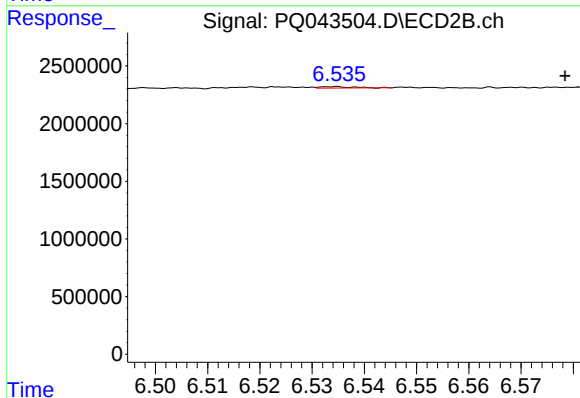
R.T.: 6.535 min
Delta R.T.: 0.005 min
Response: 55046
Conc: 3.11 ng/ml



#23 AR-1248-3

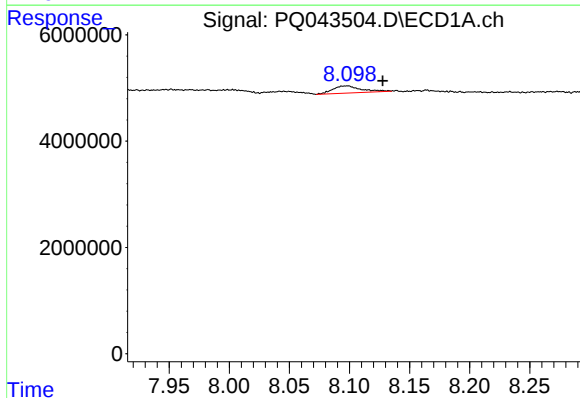
R.T.: 0.000 min
Exp R.T.: 7.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



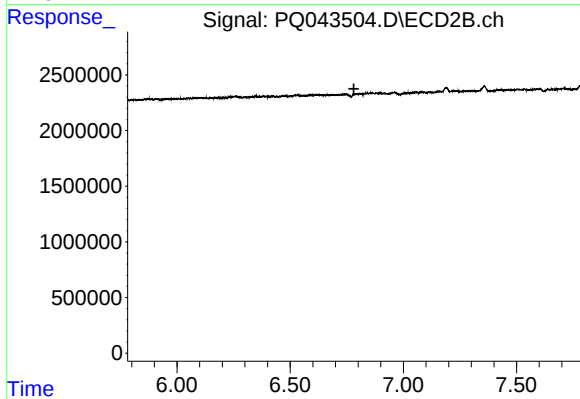
#23 AR-1248-3

R.T.: 6.535 min
Delta R.T.: -0.044 min
Response: 55046
Conc: 2.94 ng/ml



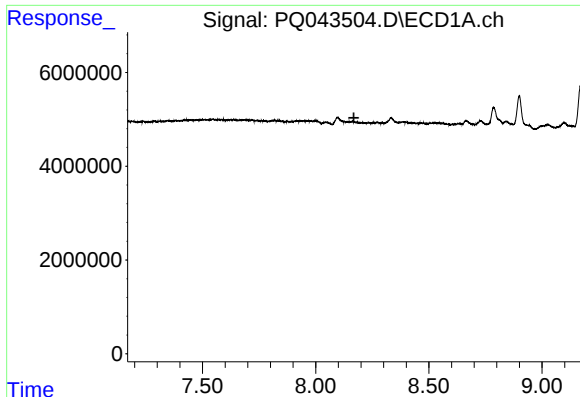
#24 AR-1248-4

R.T.: 8.098 min
Delta R.T.: -0.030 min
Response: 2217343
Conc: 30.74 ng/ml



#24 AR-1248-4

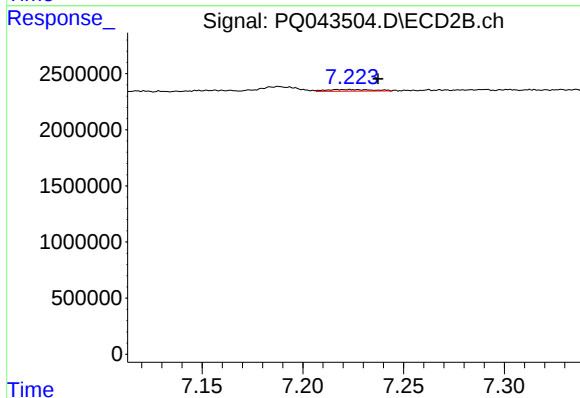
R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: -32280
Conc: N.D.



#25 AR-1248-5

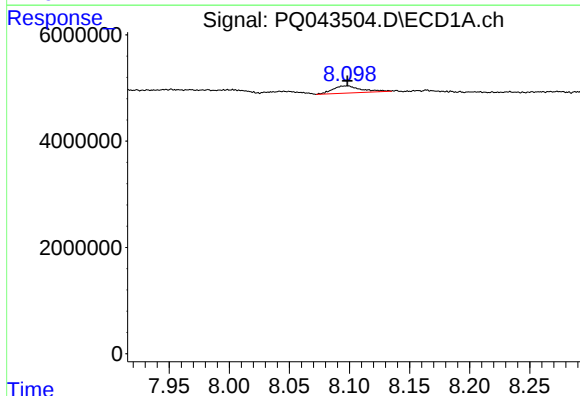
R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



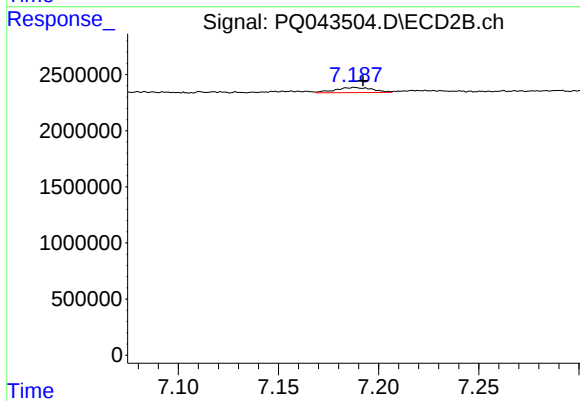
#25 AR-1248-5

R.T.: 7.223 min
Delta R.T.: -0.014 min
Response: 237093
Conc: 8.37 ng/ml



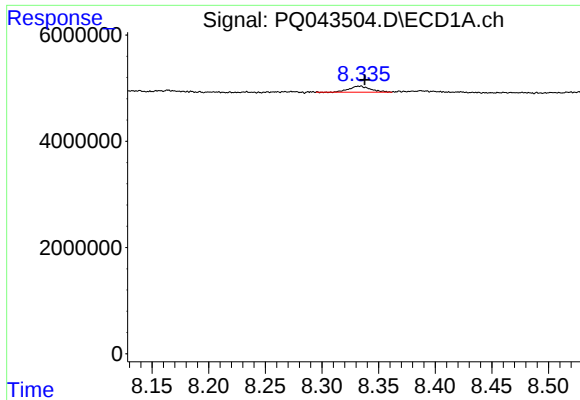
#26 AR-1254-1

R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 2217343
Conc: 30.89 ng/ml



#26 AR-1254-1

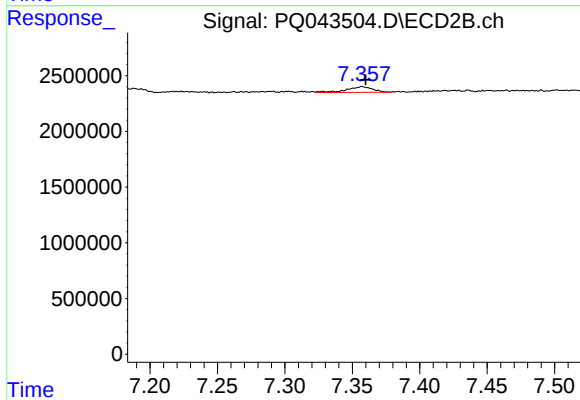
R.T.: 7.188 min
Delta R.T.: -0.004 min
Response: 586184
Conc: 12.96 ng/ml



#27 AR-1254-2

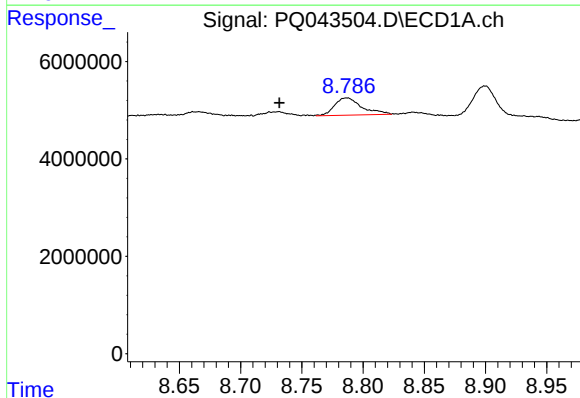
R.T.: 8.333 min
Delta R.T.: -0.004 min
Response: 1475997
Conc: 12.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



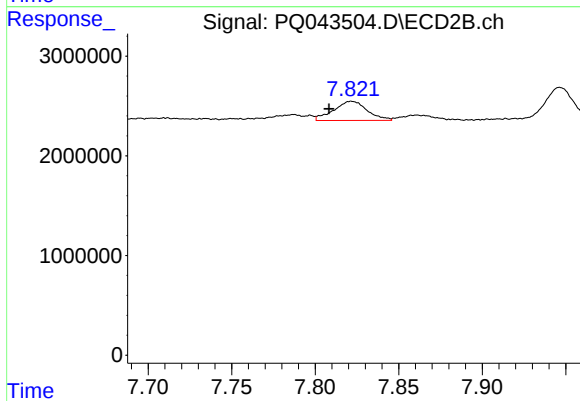
#27 AR-1254-2

R.T.: 7.357 min
Delta R.T.: -0.003 min
Response: 668025
Conc: 15.16 ng/ml



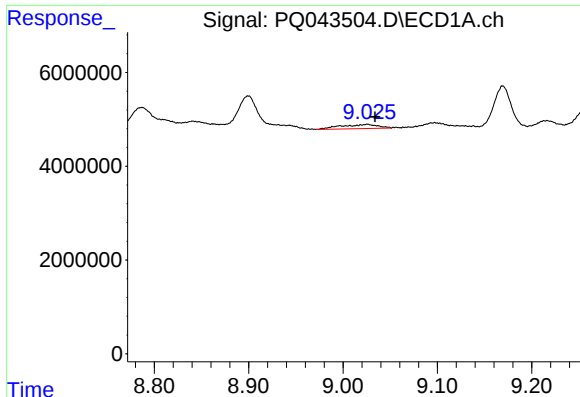
#28 AR-1254-3

R.T.: 8.787 min
Delta R.T.: 0.055 min
Response: 5460290
Conc: 37.54 ng/ml



#28 AR-1254-3

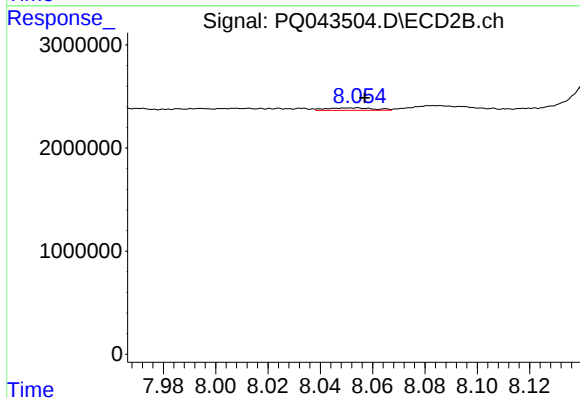
R.T.: 7.822 min
Delta R.T.: 0.013 min
Response: 2683257
Conc: 35.97 ng/ml



#29 AR-1254-4

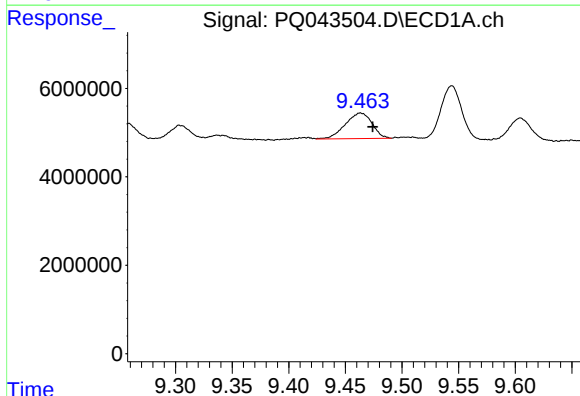
R.T.: 9.026 min
Delta R.T.: -0.008 min
Response: 2454877
Conc: 19.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



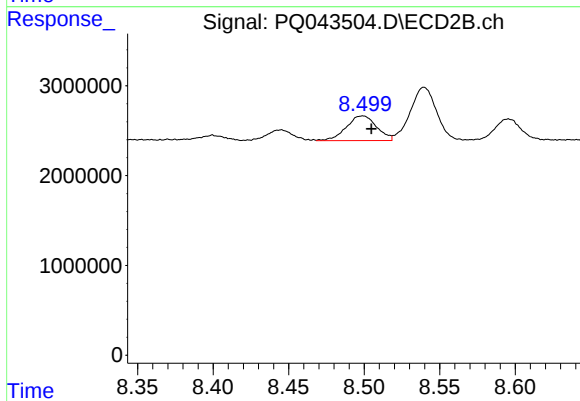
#29 AR-1254-4

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 310932
Conc: 5.62 ng/ml



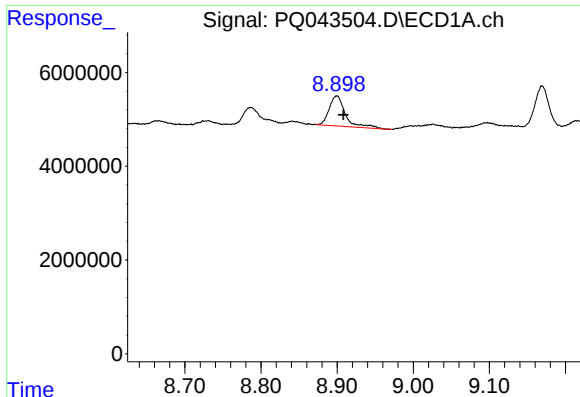
#30 AR-1254-5

R.T.: 9.463 min
Delta R.T.: -0.011 min
Response: 9511816
Conc: 62.63 ng/ml



#30 AR-1254-5

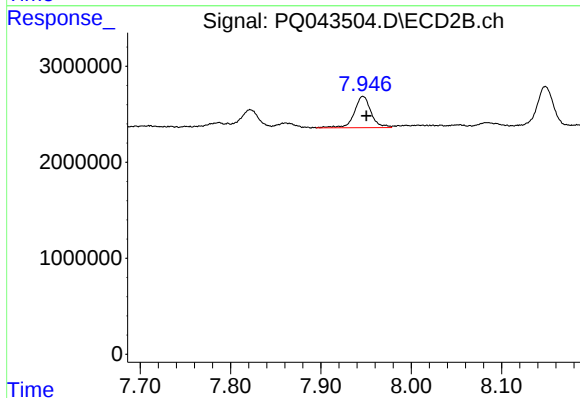
R.T.: 8.499 min
Delta R.T.: -0.006 min
Response: 3852461
Conc: 47.27 ng/ml



#31 AR-1260-1

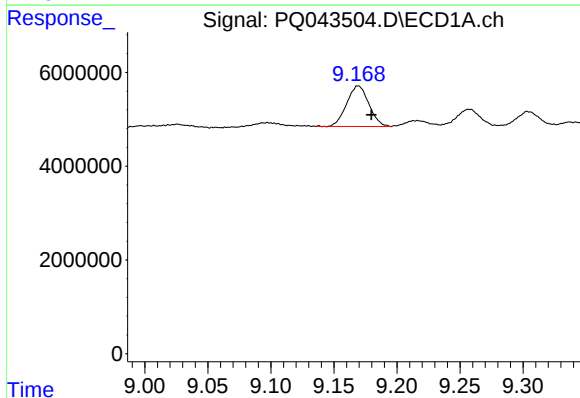
R.T.: 8.900 min
Delta R.T.: -0.009 min
Response: 9496514
Conc: 73.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



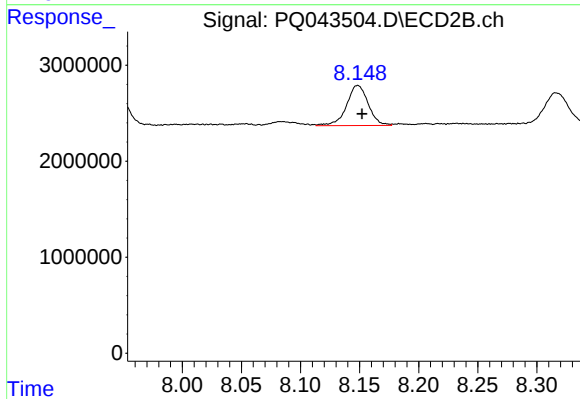
#31 AR-1260-1

R.T.: 7.947 min
Delta R.T.: -0.004 min
Response: 4213544
Conc: 72.58 ng/ml



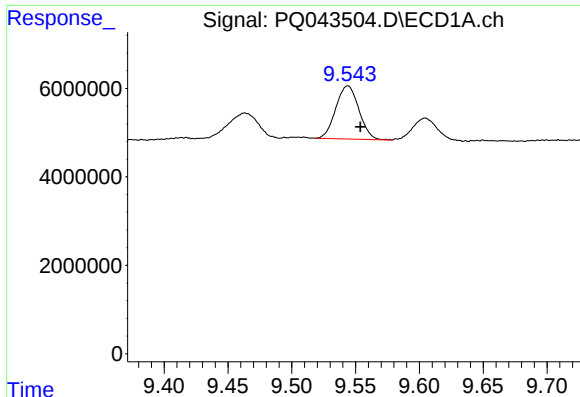
#32 AR-1260-2

R.T.: 9.169 min
Delta R.T.: -0.010 min
Response: 10632312
Conc: 64.01 ng/ml



#32 AR-1260-2

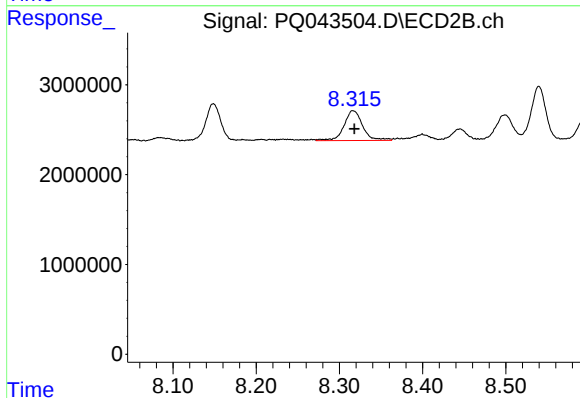
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 5363701
Conc: 70.16 ng/ml



#33 AR-1260-3

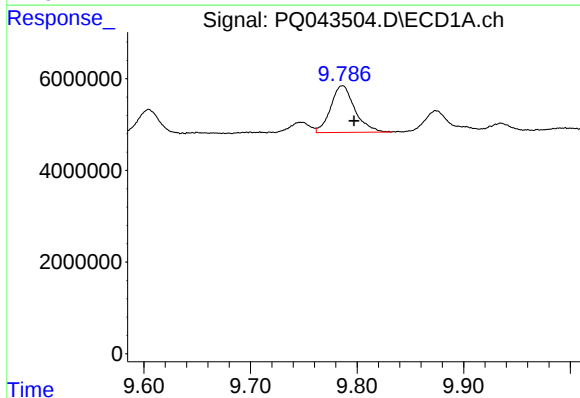
R.T.: 9.544 min
Delta R.T.: -0.010 min
Response: 15107646
Conc: 110.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



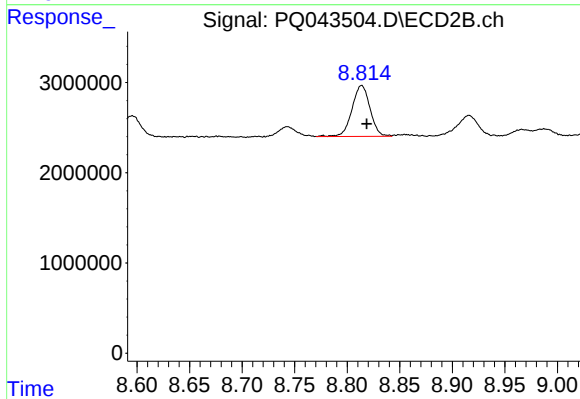
#33 AR-1260-3

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 5182006
Conc: 73.91 ng/ml



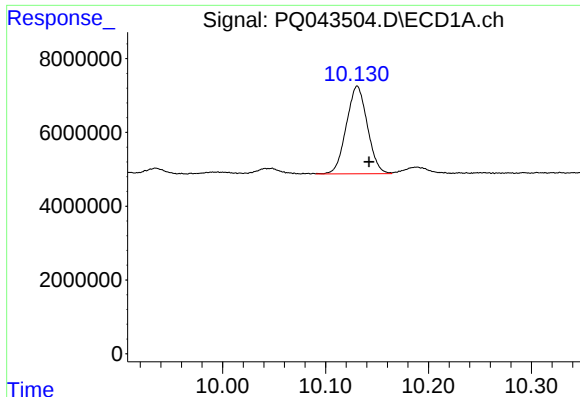
#34 AR-1260-4

R.T.: 9.786 min
Delta R.T.: -0.011 min
Response: 16042852
Conc: 94.37 ng/ml



#34 AR-1260-4

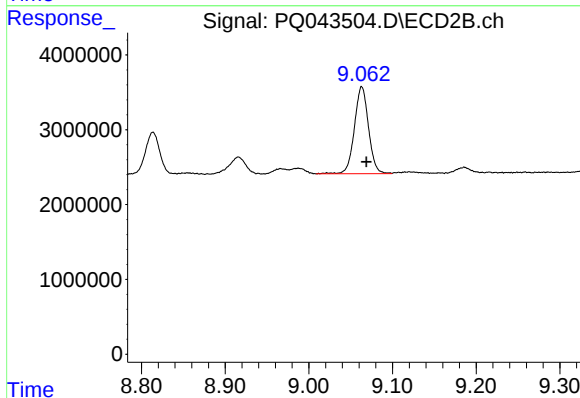
R.T.: 8.814 min
Delta R.T.: -0.005 min
Response: 6732596
Conc: 102.13 ng/ml



#35 AR-1260-5

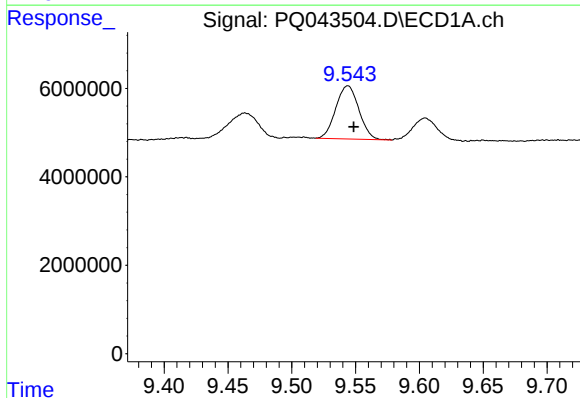
R.T.: 10.131 min
Delta R.T.: -0.011 min
Response: 33660513
Conc: 85.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



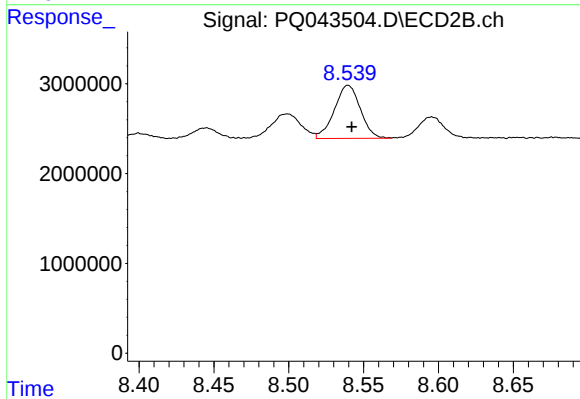
#35 AR-1260-5

R.T.: 9.063 min
Delta R.T.: -0.006 min
Response: 13652784
Conc: 72.71 ng/ml



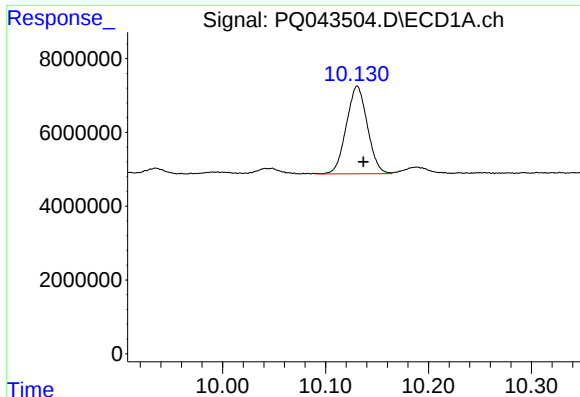
#36 AR-1262-1

R.T.: 9.544 min
Delta R.T.: -0.005 min
Response: 15107646
Conc: 68.64 ng/ml



#36 AR-1262-1

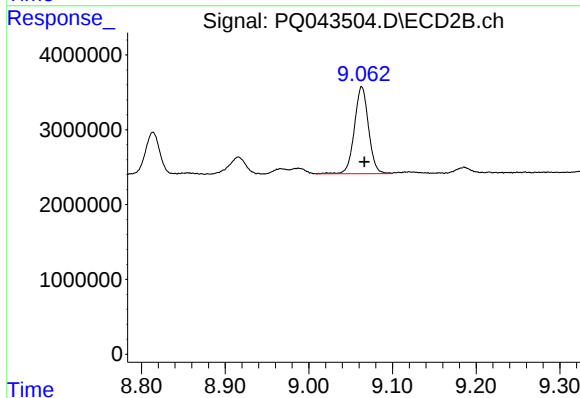
R.T.: 8.540 min
Delta R.T.: -0.002 min
Response: 7146882
Conc: 72.28 ng/ml



#37 AR-1262-2

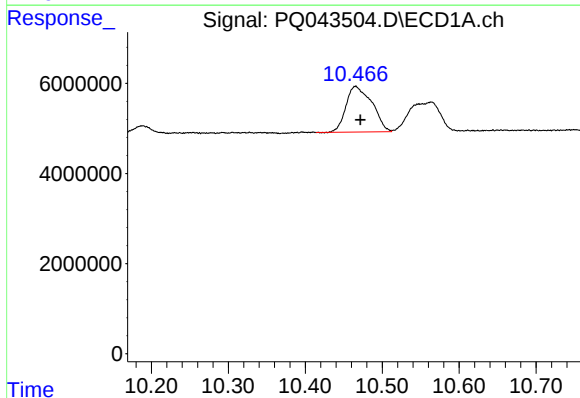
R.T.: 10.131 min
Delta R.T.: -0.006 min
Response: 33660513
Conc: 65.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



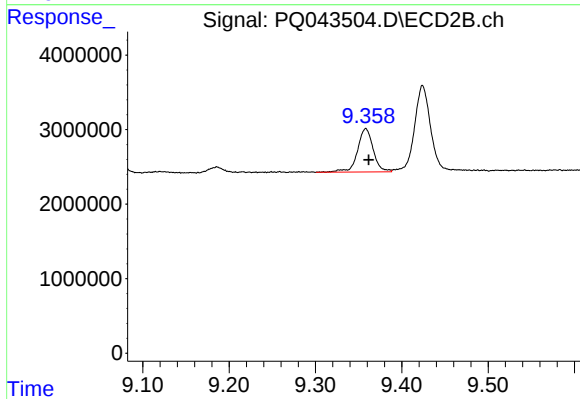
#37 AR-1262-2

R.T.: 9.063 min
Delta R.T.: -0.003 min
Response: 13652784
Conc: 61.09 ng/ml



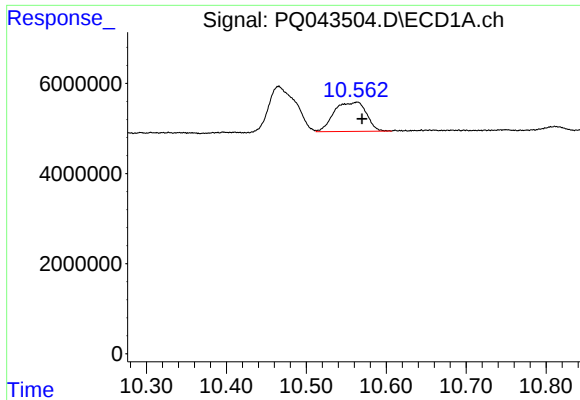
#38 AR-1262-3

R.T.: 10.466 min
Delta R.T.: -0.006 min
Response: 23740663
Conc: 61.86 ng/ml



#38 AR-1262-3

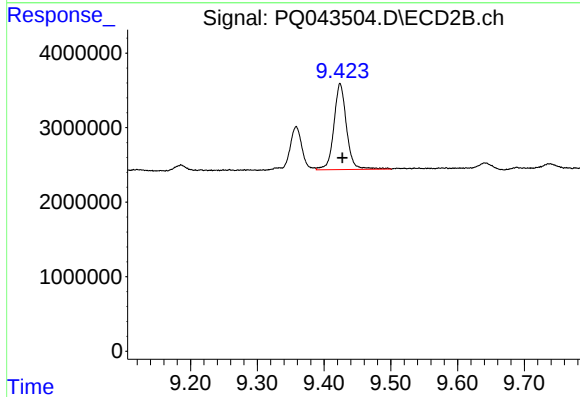
R.T.: 9.358 min
Delta R.T.: -0.003 min
Response: 7318471
Conc: 63.61 ng/ml



#39 AR-1262-4

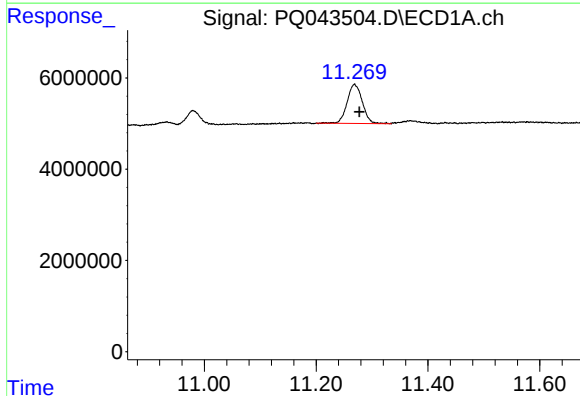
R.T.: 10.564 min
Delta R.T.: -0.006 min
Response: 18156239
Conc: 106.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



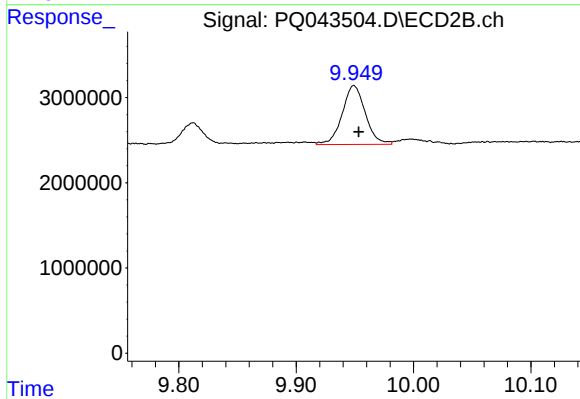
#39 AR-1262-4

R.T.: 9.424 min
Delta R.T.: -0.004 min
Response: 15140275
Conc: 67.20 ng/ml



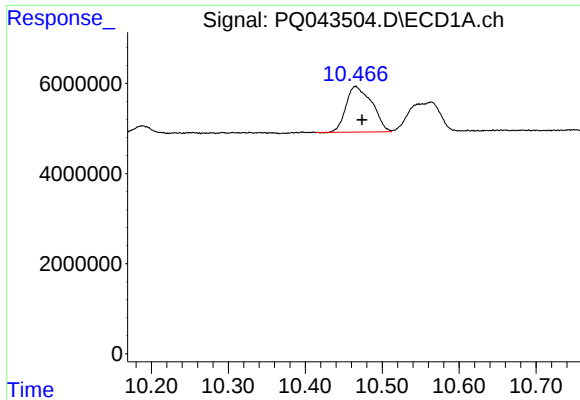
#40 AR-1262-5

R.T.: 11.269 min
Delta R.T.: -0.009 min
Response: 16138435
Conc: 55.45 ng/ml



#40 AR-1262-5

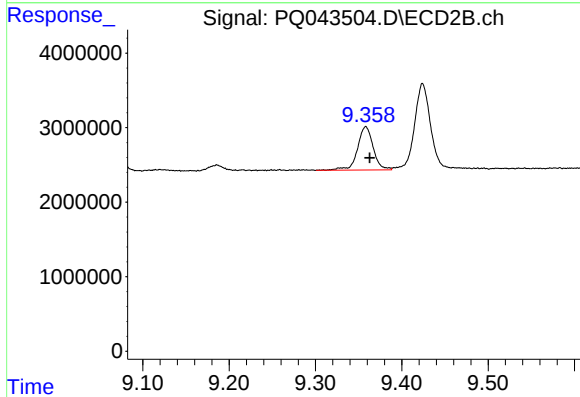
R.T.: 9.949 min
Delta R.T.: -0.004 min
Response: 9452064
Conc: 61.18 ng/ml



#41 AR-1268-1

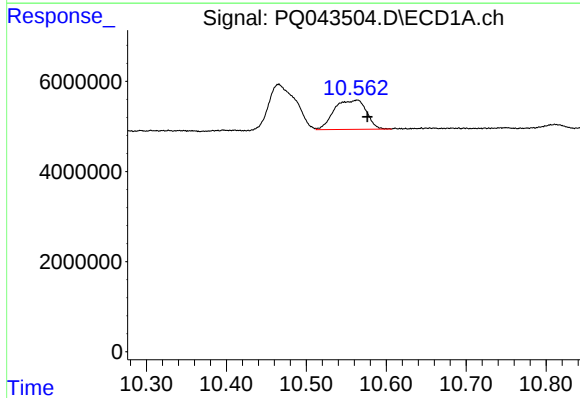
R.T.: 10.466 min
Delta R.T.: -0.008 min
Response: 23740663
Conc: 37.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



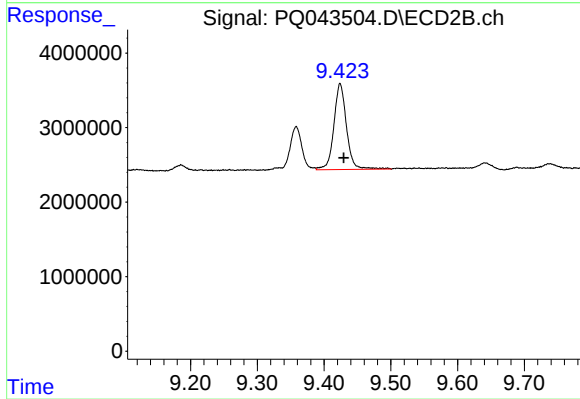
#41 AR-1268-1

R.T.: 9.358 min
Delta R.T.: -0.005 min
Response: 7318471
Conc: 22.38 ng/ml



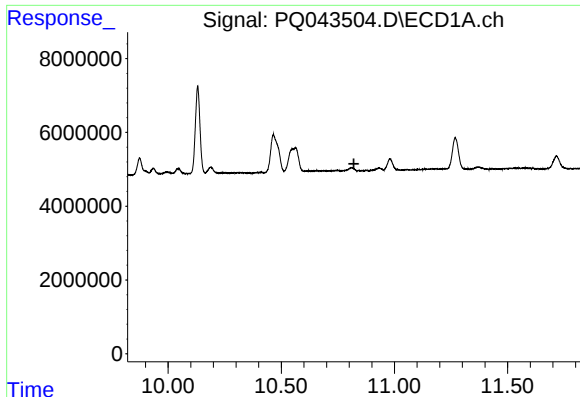
#42 AR-1268-2

R.T.: 10.564 min
Delta R.T.: -0.013 min
Response: 18156239
Conc: 29.22 ng/ml



#42 AR-1268-2

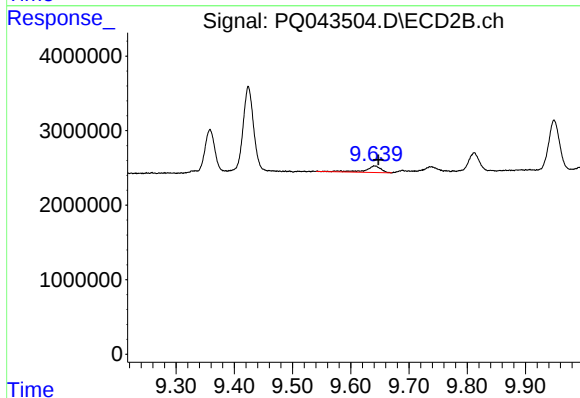
R.T.: 9.424 min
Delta R.T.: -0.005 min
Response: 15140275
Conc: 47.34 ng/ml



#43 AR-1268-3

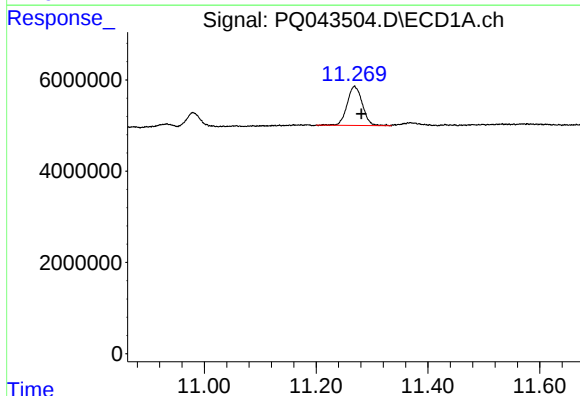
R.T.: 0.000 min
Exp R.T.: 10.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



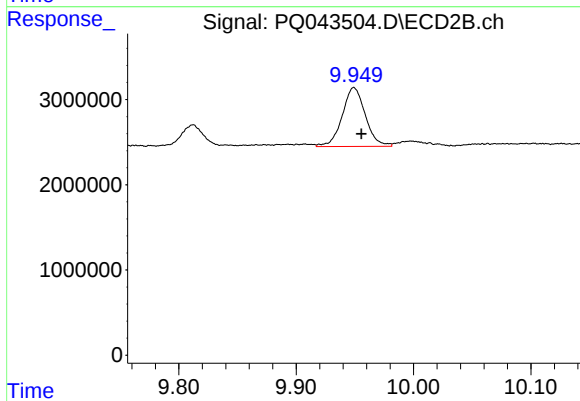
#43 AR-1268-3

R.T.: 9.641 min
Delta R.T.: -0.007 min
Response: 1679320
Conc: 5.93 ng/ml



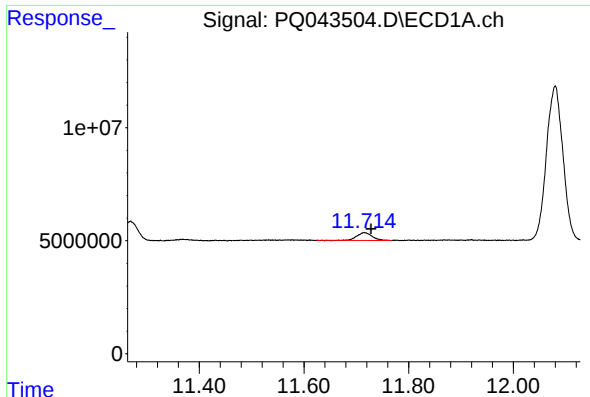
#44 AR-1268-4

R.T.: 11.269 min
Delta R.T.: -0.012 min
Response: 16138435
Conc: 55.63 ng/ml



#44 AR-1268-4

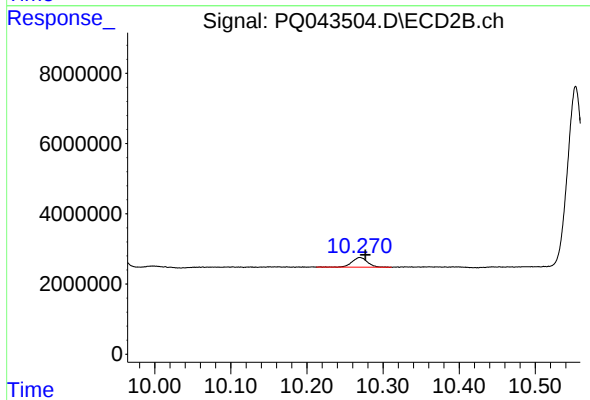
R.T.: 9.949 min
Delta R.T.: -0.006 min
Response: 9452064
Conc: 58.16 ng/ml



#45 AR-1268-5

R.T.: 11.715 min
Delta R.T.: -0.013 min
Response: 7109934
Conc: 2.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.270 min
Delta R.T.: -0.007 min
Response: 3820271
Conc: 3.04 ng/ml