

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081019\
 Data File : PQ042269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2019 20:21
 Operator : SM\AJ
 Sample : K4286-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 08:28:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.677	4.738	51005212	45989485	22.240	23.863
2)	SA Decachlor...	12.060	10.485	231.1E6	178.2E6	27.414	36.845 #
Target Compounds							
3)	L1 AR-1016-1	7.121	6.197	2218119	364609	20.522	3.514 #
4)	L1 AR-1016-2	7.145	6.213	2914429	3027430	18.619	21.131
5)	L1 AR-1016-3	0.000	6.426	0	1937092	N.D.	25.976 #
6)	L1 AR-1016-4	0.000	6.480	0	6257291	N.D.	100.907 #
7)	L1 AR-1016-5	7.665	6.732	4395168	5568436	55.911	68.405
10)	L2 AR-1221-3	0.000	5.336	0	5926850	N.D.	108.686 #
11)	L3 AR-1232-1	0.000	5.336	0	5926850	N.D.	122.740 #
12)	L3 AR-1232-2	0.000	6.213	0	3027430	N.D.	53.087 #
13)	L3 AR-1232-3	7.145	6.426	2914429	1937092	43.653	64.961 #
14)	L3 AR-1232-4	0.000	6.564	0	2386612	N.D.	89.397 #
15)	L3 AR-1232-5	7.487	6.732	5435064	5568436	252.908	189.880
16)	L4 AR-1242-1	7.121	6.197	2218119	364609	24.798	4.455 #
17)	L4 AR-1242-2	7.145	6.213	2914429	3027430	22.664	26.806
18)	L4 AR-1242-3	0.000	6.426	0	1937092	N.D.	32.792 #
19)	L4 AR-1242-4	0.000	6.564	0	2386612	N.D.	40.248 #
20)	L4 AR-1242-5	8.153	7.141	20843374	24210008	234.919	272.653
21)	L5 AR-1248-1	7.121	6.197	2218119	364609	29.920	5.499 #
22)	L5 AR-1248-2	7.434	6.480	5054079	6257291	54.779	71.768 #
23)	L5 AR-1248-3	7.665	6.529	4395168	6389261	39.228	71.584 #
24)	L5 AR-1248-4	8.113	6.732	21346938	5568436	136.526	50.557 #
25)	L5 AR-1248-5	8.153	7.187	20843374	20657758	137.741	161.169
26)	L6 AR-1254-1	8.081	7.141	11893102	24210008	85.491	132.379 #
27)	L6 AR-1254-2	8.323	7.310	21621583	8014700	94.466	49.513 #
28)	L6 AR-1254-3	8.744	7.756	18150317	24483489	66.381	84.892 #
29)	L6 AR-1254-4	9.016	8.005	16707096	20741661	67.867	95.552 #
30)	L6 AR-1254-5	9.456	8.484	16672753	5303108	61.558	17.632 #
31)	L7 AR-1260-1	8.888	7.896	2220111	16631650	12.481	91.670 #
32)	L7 AR-1260-2	9.154	8.101	19475753	7079808	77.200	28.858 #
33)	L7 AR-1260-3	9.530	8.264	3931224	5945443	17.157	27.942 #
34)	L7 AR-1260-4	9.765	8.763	4745401	3531262	18.584	17.456
35)	L7 AR-1260-5	10.120	9.014	8274669	8261243	12.284	13.997
36)	L8 AR-1262-1	9.592	8.546	2570643	1478110	16.726	10.303 #
37)	L8 AR-1262-2	10.120	9.014	8274669	8261243	9.452	11.148
38)	L8 AR-1262-3	10.475	9.306	6783297	2816815	10.682	8.904
39)	L8 AR-1262-4	10.554	9.378	2609096	3673549	5.211	6.532 #
40)	L8 AR-1262-5	11.260	9.896	2228231	2761343	5.473	9.668 #
41)	L9 AR-1268-1	10.475	9.306	6783297	2816815	4.762	2.464 #
42)	L9 AR-1268-2	10.554	9.378	2609096	3673549	1.978	3.579 #
43)	L9 AR-1268-3	0.000	9.580	0	1537590	N.D.	1.769 #
44)	L9 AR-1268-4	11.260	9.896	2228231	2761343	4.093	7.178 #

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 08:28:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	11.701	10.212	2785871	1557052	0.687	0.599

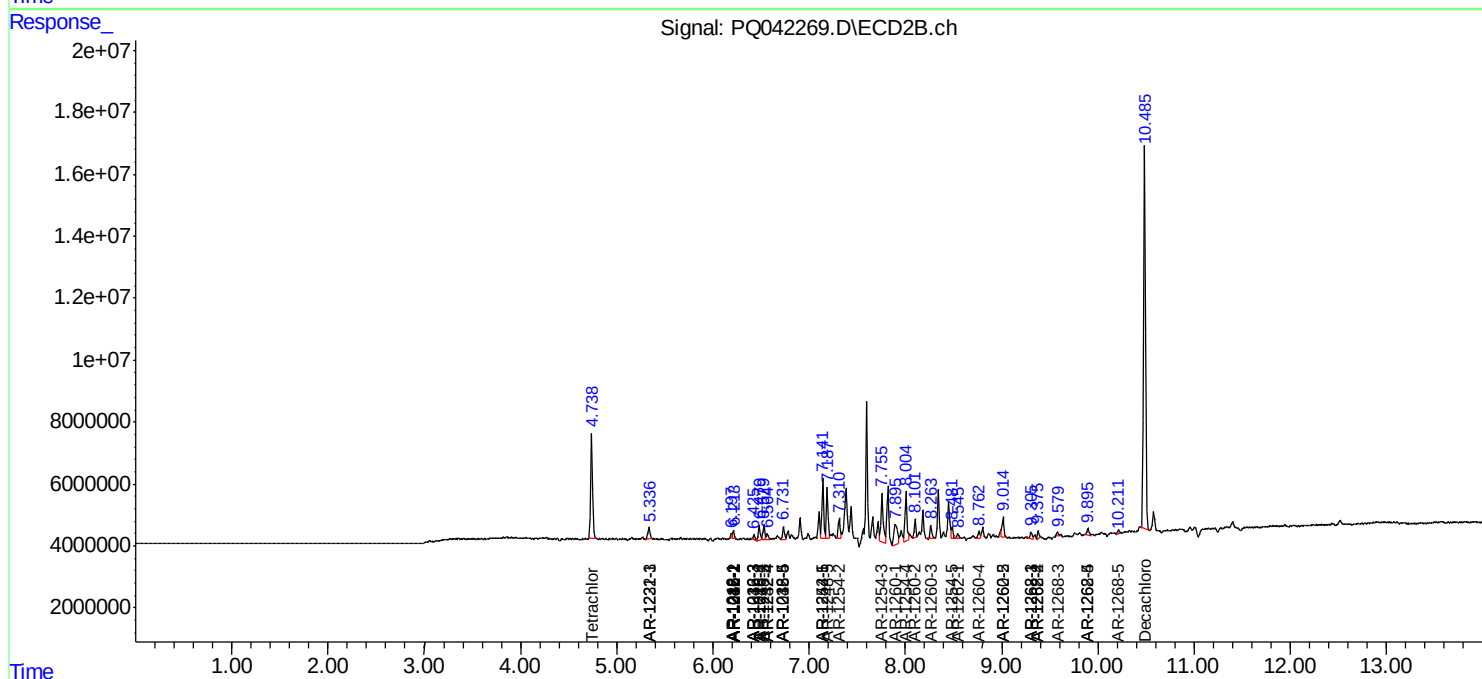
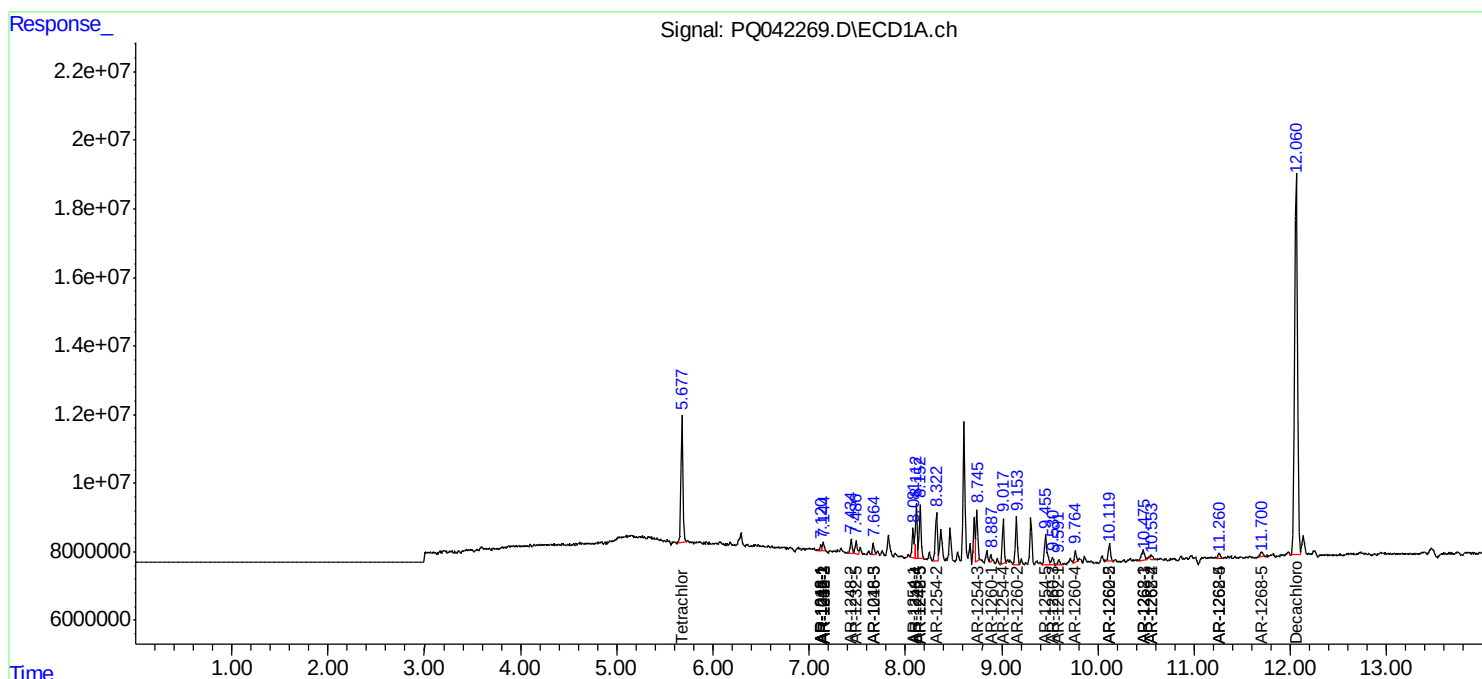
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

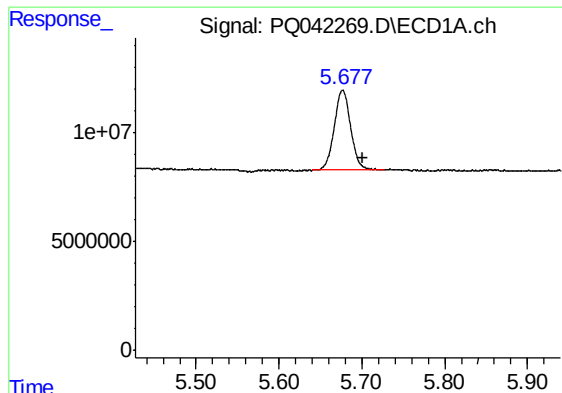
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081019\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

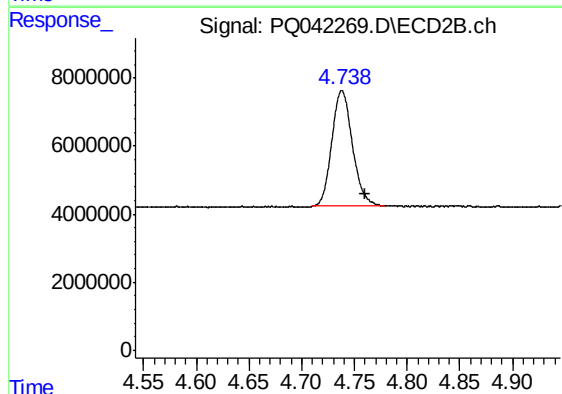




#1 Tetrachloro-m-xylene

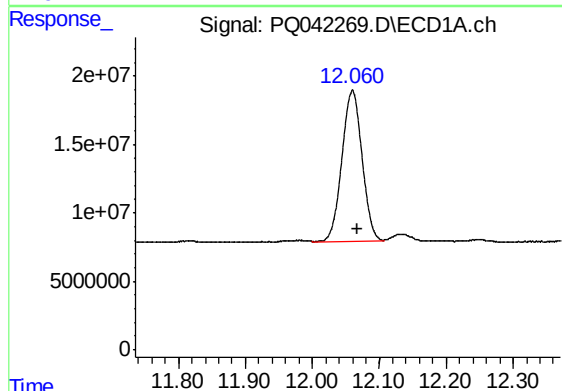
R.T.: 5.677 min
Delta R.T.: -0.024 min
Response: 51005212
Conc: 22.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



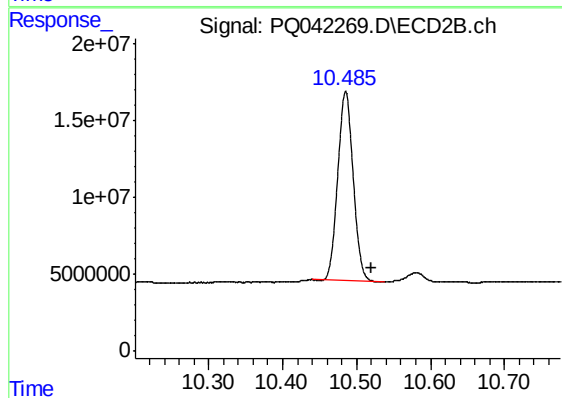
#1 Tetrachloro-m-xylene

R.T.: 4.738 min
Delta R.T.: -0.022 min
Response: 45989485
Conc: 23.86 ng/ml



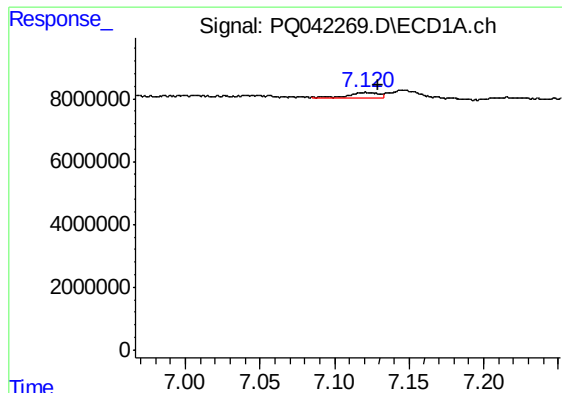
#2 Decachlorobiphenyl

R.T.: 12.060 min
Delta R.T.: -0.007 min
Response: 231138903
Conc: 27.41 ng/ml



#2 Decachlorobiphenyl

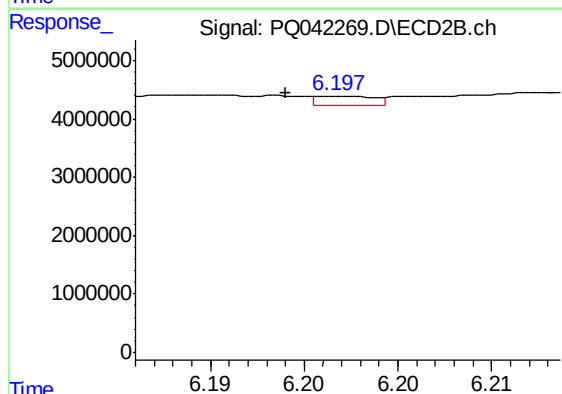
R.T.: 10.485 min
Delta R.T.: -0.034 min
Response: 178231152
Conc: 36.84 ng/ml



#3 AR-1016-1

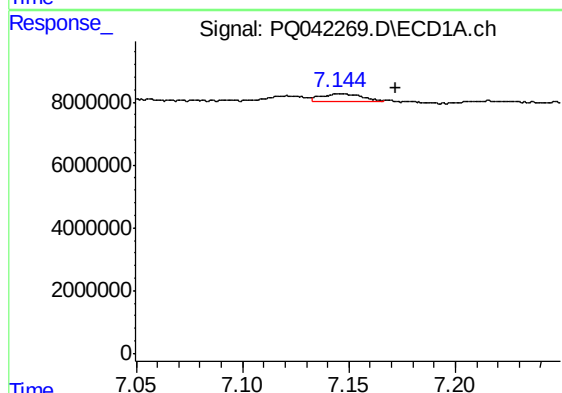
R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 2218119
Conc: 20.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



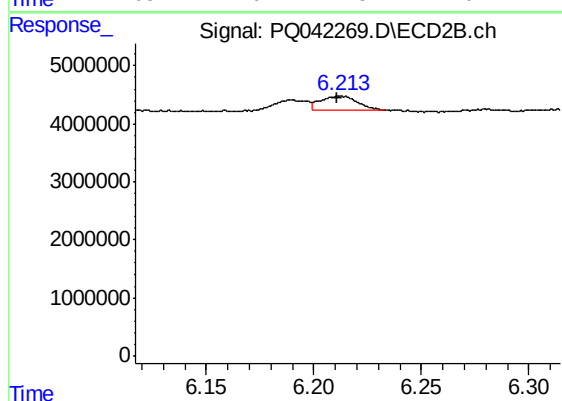
#3 AR-1016-1

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 364609
Conc: 3.51 ng/ml



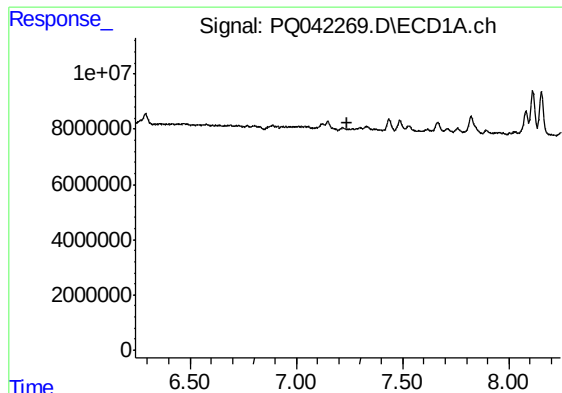
#4 AR-1016-2

R.T.: 7.145 min
Delta R.T.: -0.027 min
Response: 2914429
Conc: 18.62 ng/ml



#4 AR-1016-2

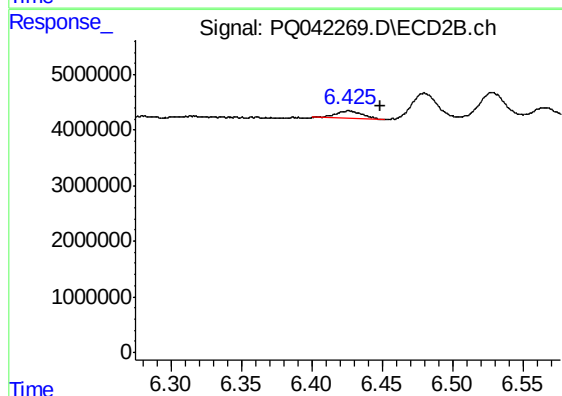
R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 3027430
Conc: 21.13 ng/ml



#5 AR-1016-3

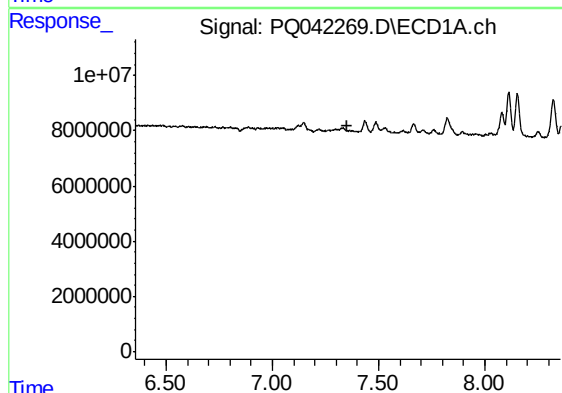
R.T.: 0.000 min
Exp R.T. : 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



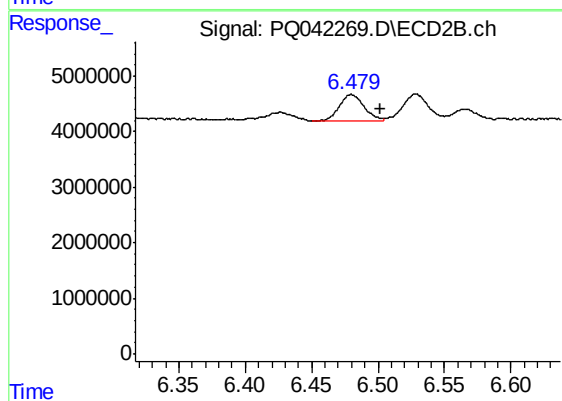
#5 AR-1016-3

R.T.: 6.426 min
Delta R.T.: -0.022 min
Response: 1937092
Conc: 25.98 ng/ml



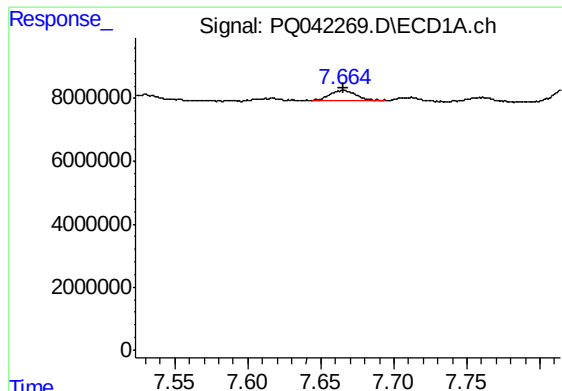
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

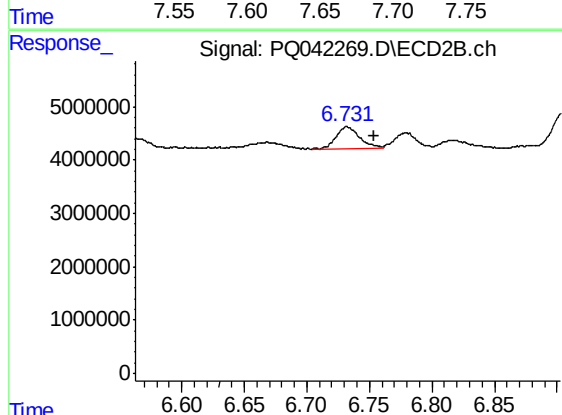
R.T.: 6.480 min
Delta R.T.: -0.022 min
Response: 6257291
Conc: 100.91 ng/ml



#7 AR-1016-5

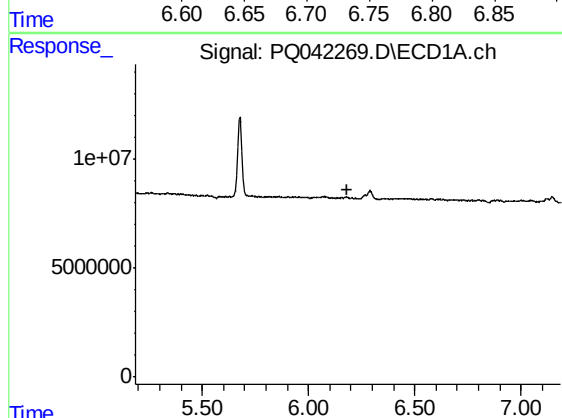
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 4395168
Conc: 55.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



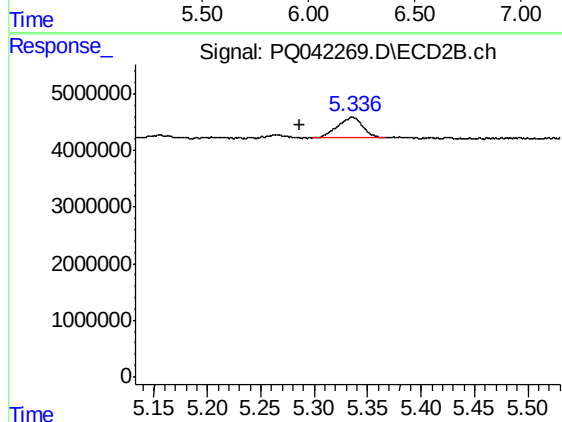
#7 AR-1016-5

R.T.: 6.732 min
Delta R.T.: -0.023 min
Response: 5568436
Conc: 68.41 ng/ml



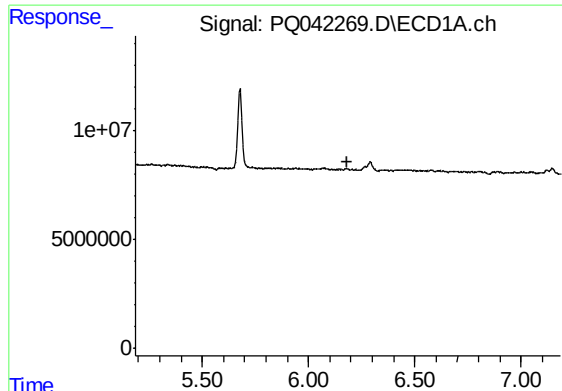
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

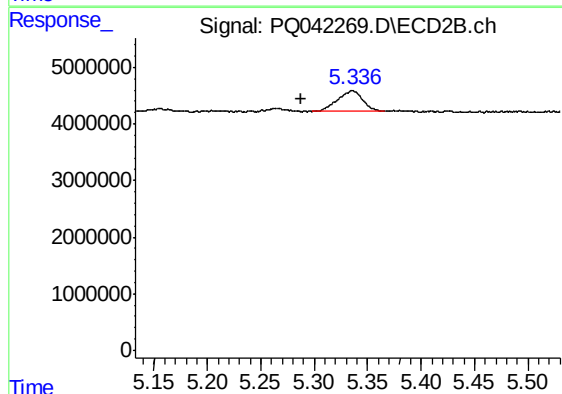
R.T.: 5.336 min
Delta R.T.: 0.049 min
Response: 5926850
Conc: 108.69 ng/ml



#11 AR-1232-1

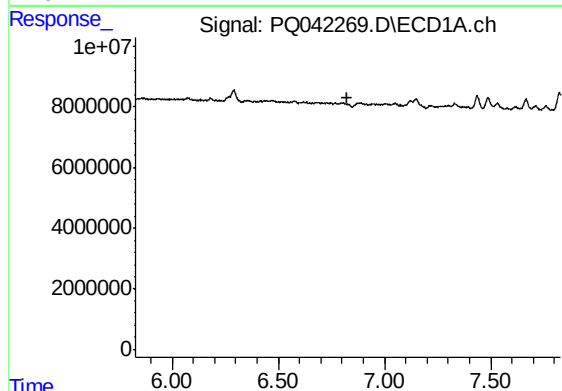
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



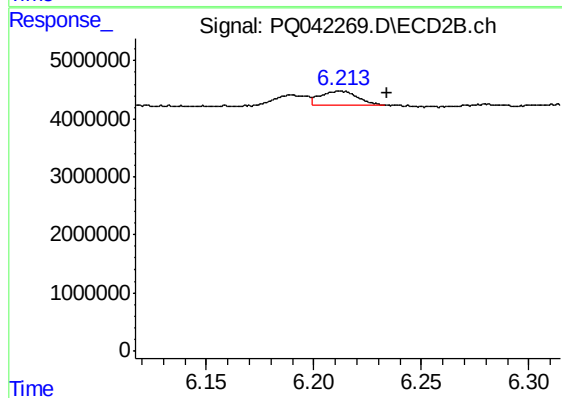
#11 AR-1232-1

R.T.: 5.336 min
Delta R.T.: 0.049 min
Response: 5926850
Conc: 122.74 ng/ml



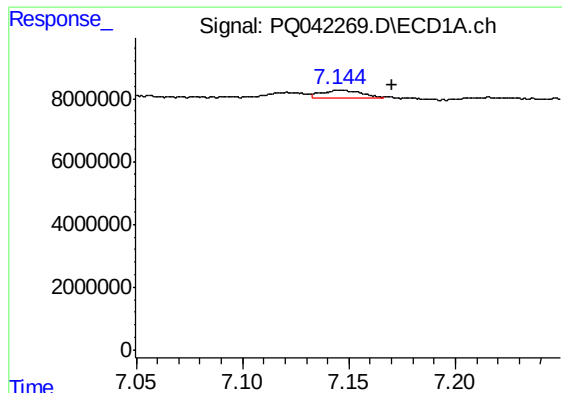
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

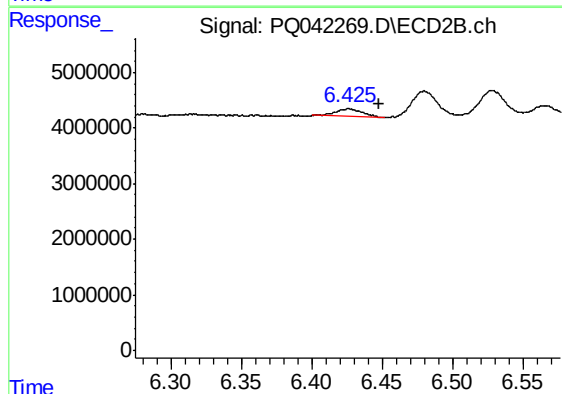
R.T.: 6.213 min
Delta R.T.: -0.021 min
Response: 3027430
Conc: 53.09 ng/ml



#13 AR-1232-3

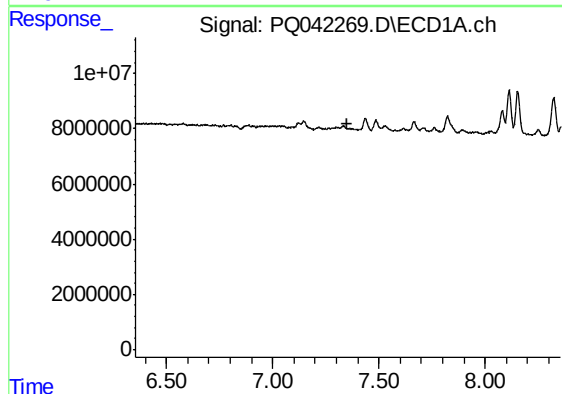
R.T.: 7.145 min
Delta R.T.: -0.026 min
Response: 2914429
Conc: 43.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



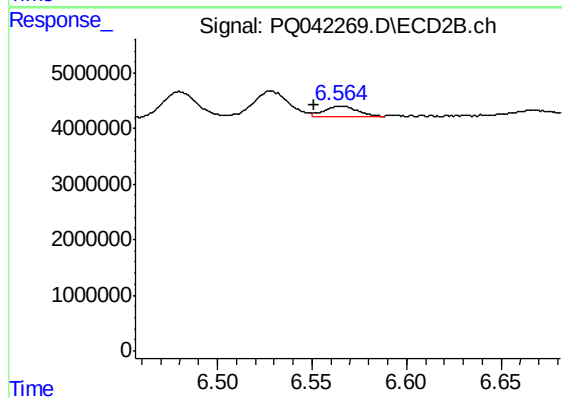
#13 AR-1232-3

R.T.: 6.426 min
Delta R.T.: -0.022 min
Response: 1937092
Conc: 64.96 ng/ml



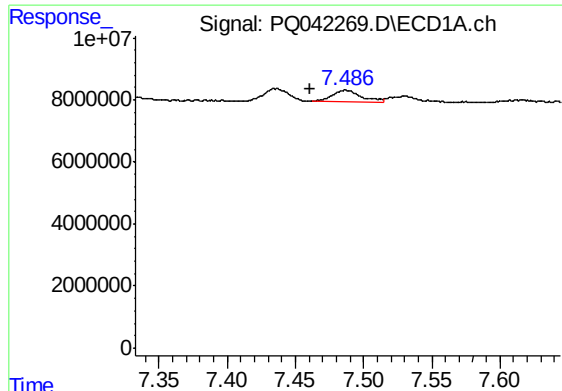
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

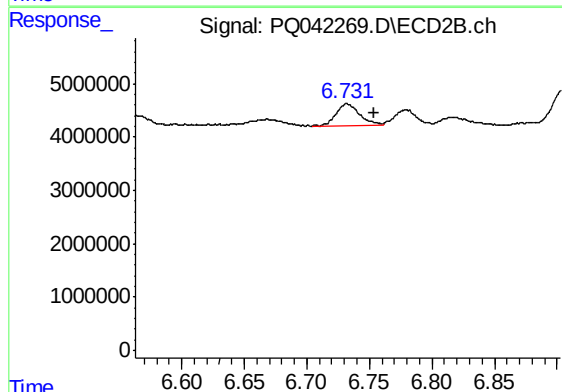
R.T.: 6.564 min
Delta R.T.: 0.013 min
Response: 2386612
Conc: 89.40 ng/ml



#15 AR-1232-5

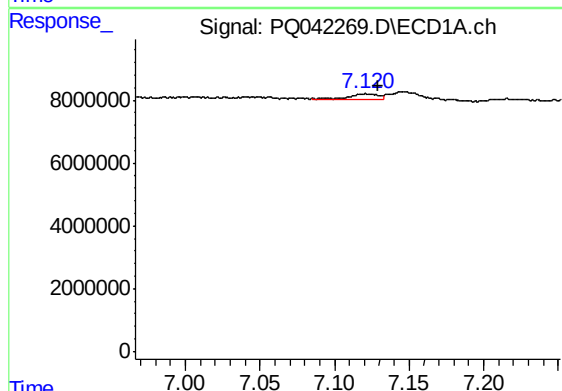
R.T.: 7.487 min
Delta R.T.: 0.026 min
Response: 5435064
Conc: 252.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



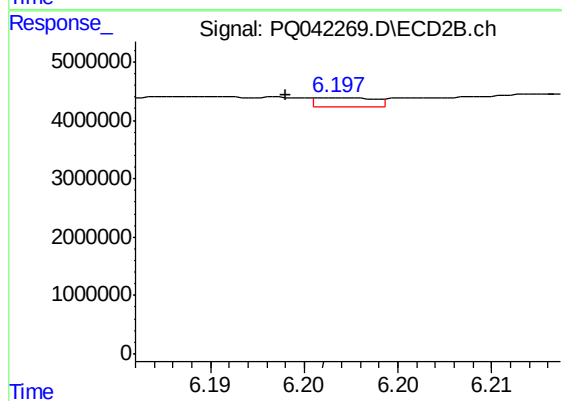
#15 AR-1232-5

R.T.: 6.732 min
Delta R.T.: -0.023 min
Response: 5568436
Conc: 189.88 ng/ml



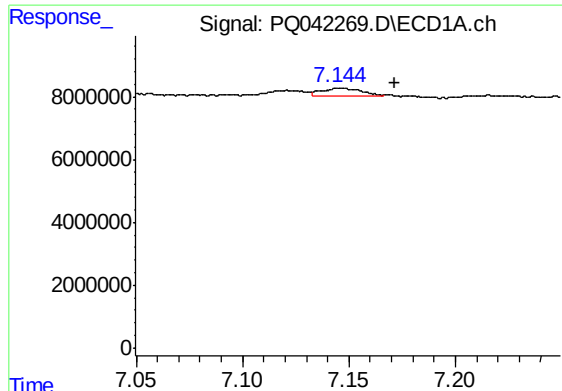
#16 AR-1242-1

R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 2218119
Conc: 24.80 ng/ml



#16 AR-1242-1

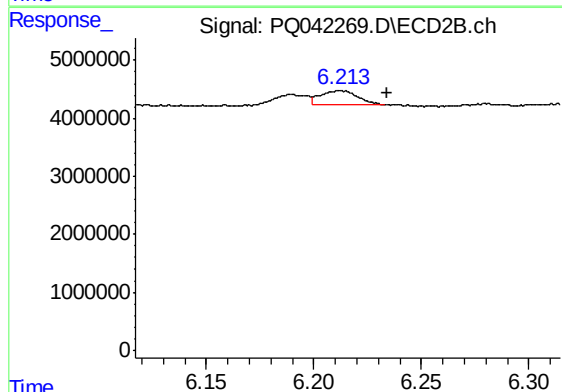
R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 364609
Conc: 4.46 ng/ml



#17 AR-1242-2

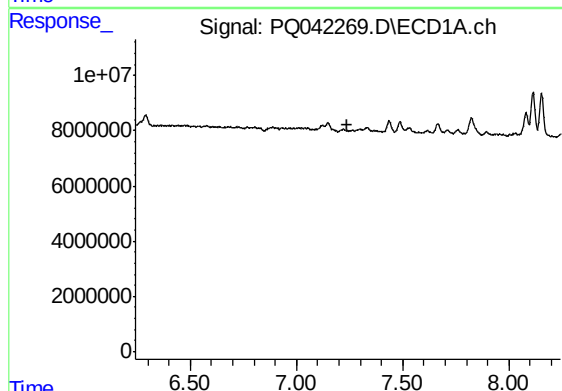
R.T.: 7.145 min
Delta R.T.: -0.027 min
Response: 2914429
Conc: 22.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



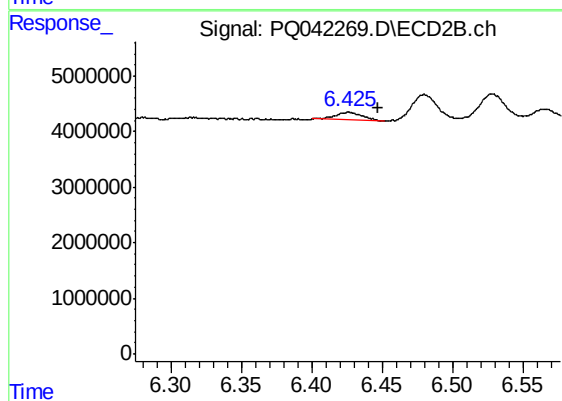
#17 AR-1242-2

R.T.: 6.213 min
Delta R.T.: -0.021 min
Response: 3027430
Conc: 26.81 ng/ml



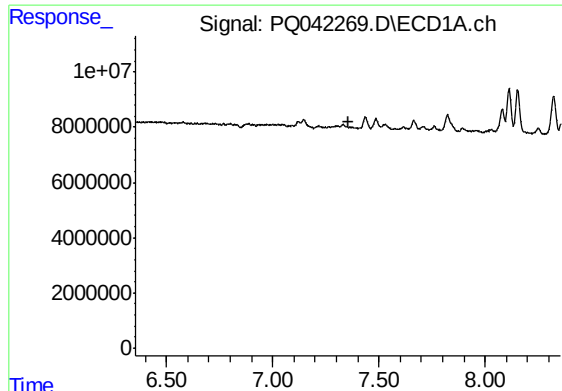
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

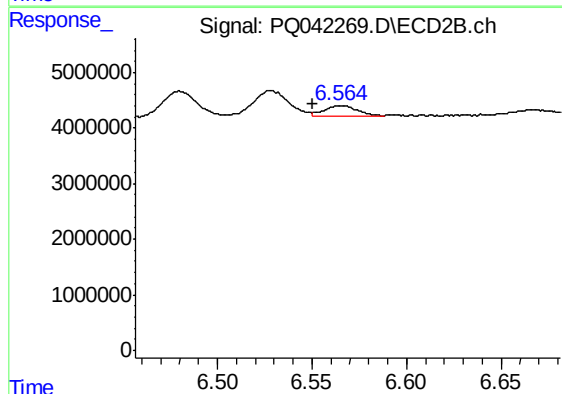
R.T.: 6.426 min
Delta R.T.: -0.021 min
Response: 1937092
Conc: 32.79 ng/ml



#19 AR-1242-4

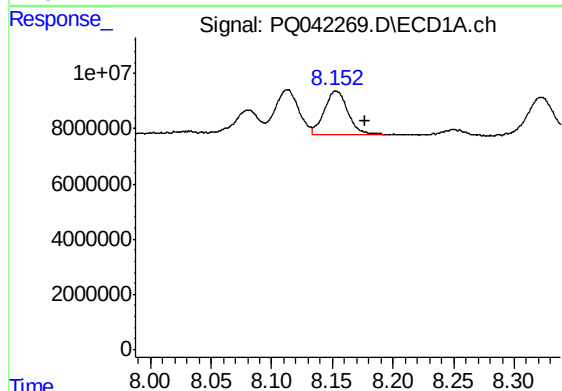
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



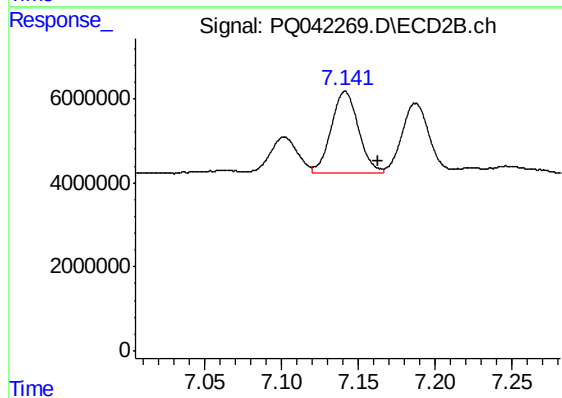
#19 AR-1242-4

R.T.: 6.564 min
Delta R.T.: 0.014 min
Response: 2386612
Conc: 40.25 ng/ml



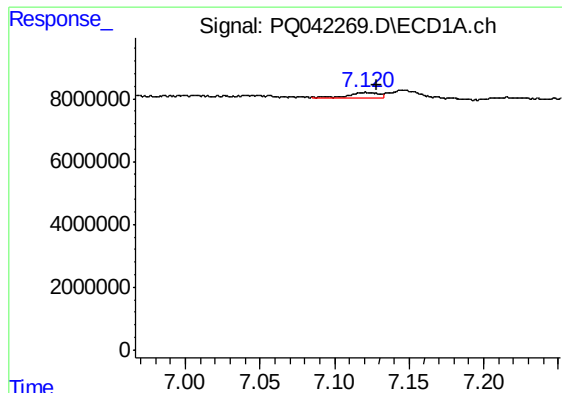
#20 AR-1242-5

R.T.: 8.153 min
Delta R.T.: -0.024 min
Response: 20843374
Conc: 234.92 ng/ml



#20 AR-1242-5

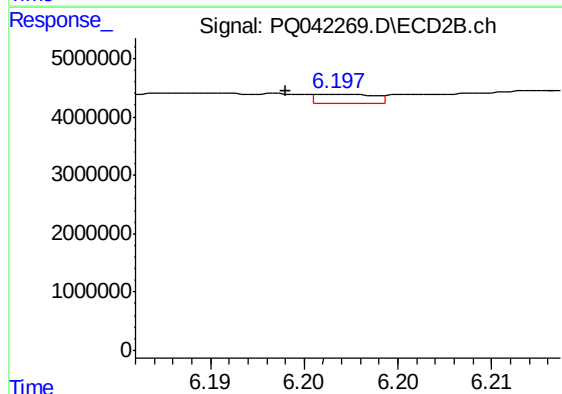
R.T.: 7.141 min
Delta R.T.: -0.021 min
Response: 24210008
Conc: 272.65 ng/ml



#21 AR-1248-1

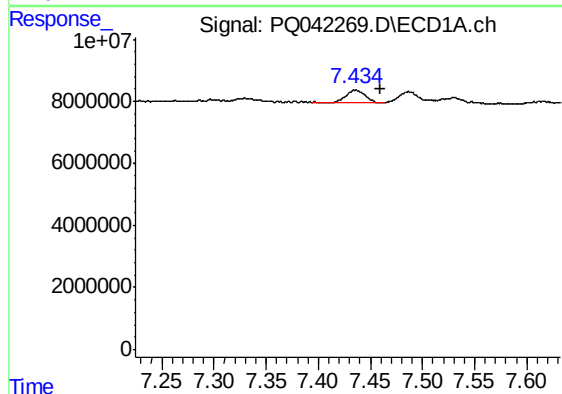
R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 2218119
Conc: 29.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



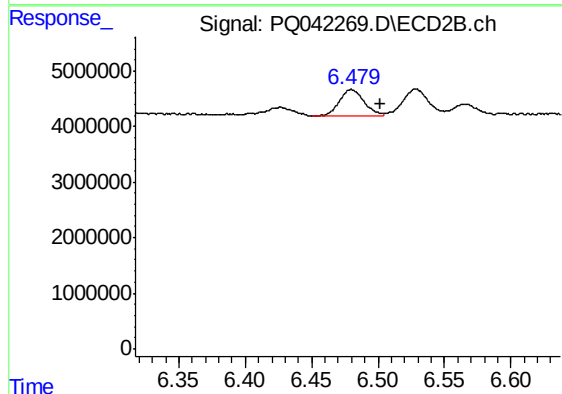
#21 AR-1248-1

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 364609
Conc: 5.50 ng/ml



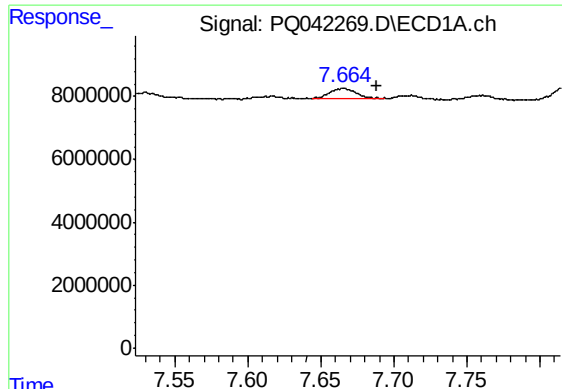
#22 AR-1248-2

R.T.: 7.434 min
Delta R.T.: -0.026 min
Response: 5054079
Conc: 54.78 ng/ml



#22 AR-1248-2

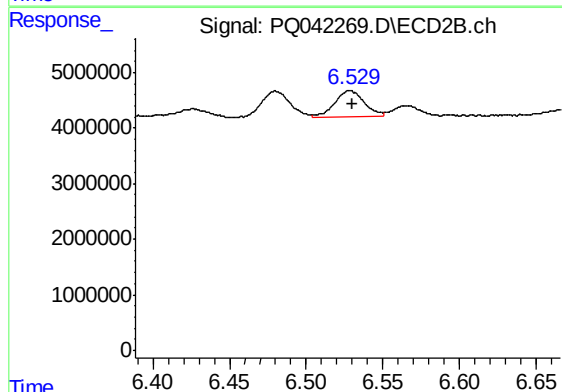
R.T.: 6.480 min
Delta R.T.: -0.022 min
Response: 6257291
Conc: 71.77 ng/ml



#23 AR-1248-3

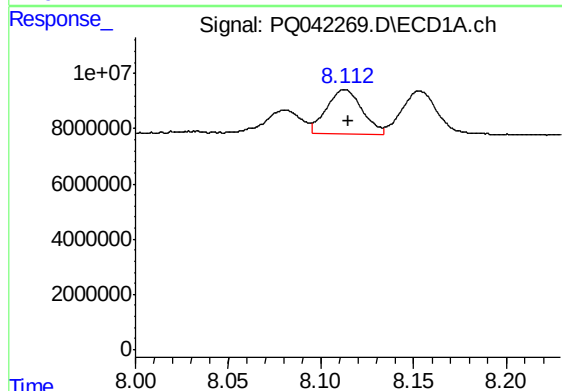
R.T.: 7.665 min
Delta R.T.: -0.023 min
Response: 4395168
Conc: 39.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



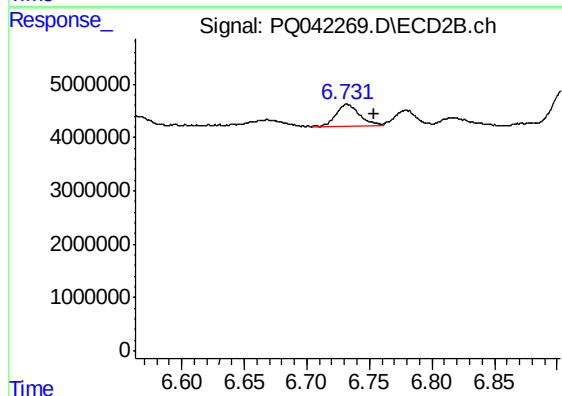
#23 AR-1248-3

R.T.: 6.529 min
Delta R.T.: -0.001 min
Response: 6389261
Conc: 71.58 ng/ml



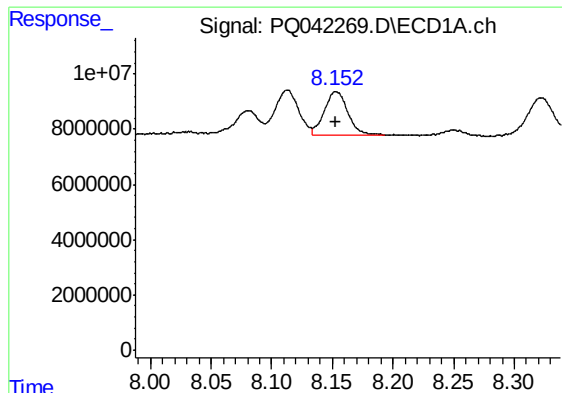
#24 AR-1248-4

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 21346938
Conc: 136.53 ng/ml



#24 AR-1248-4

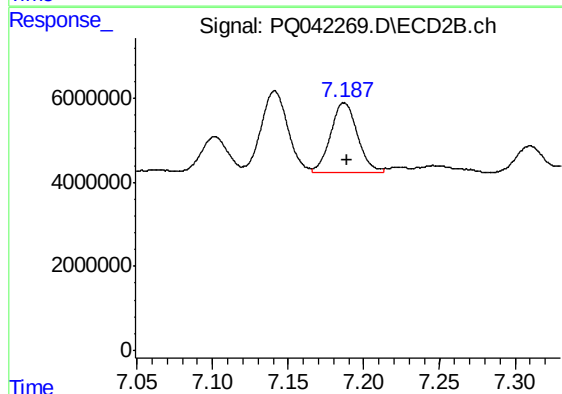
R.T.: 6.732 min
Delta R.T.: -0.022 min
Response: 5568436
Conc: 50.56 ng/ml



#25 AR-1248-5

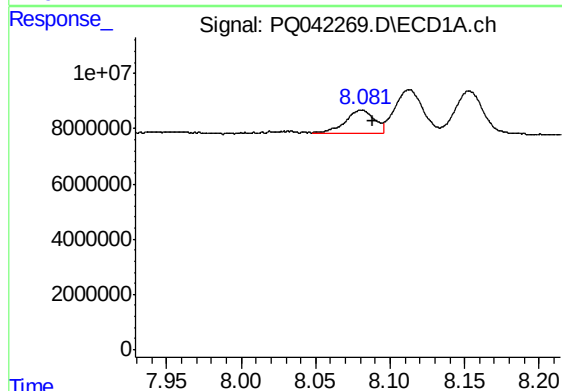
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 20843374
Conc: 137.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



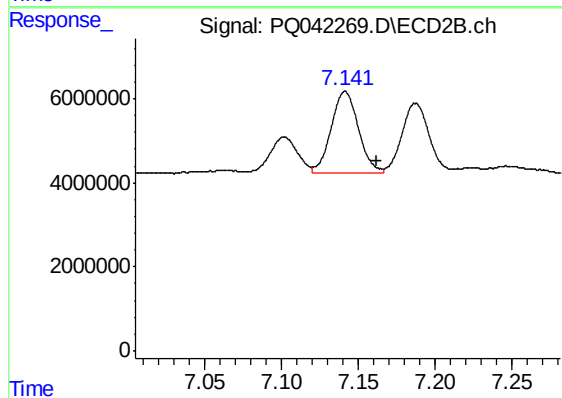
#25 AR-1248-5

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 20657758
Conc: 161.17 ng/ml



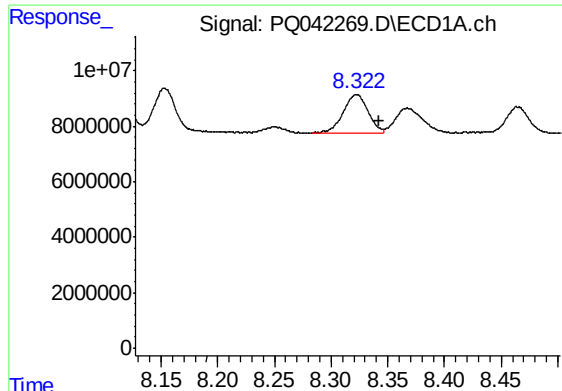
#26 AR-1254-1

R.T.: 8.081 min
Delta R.T.: -0.007 min
Response: 11893102
Conc: 85.49 ng/ml



#26 AR-1254-1

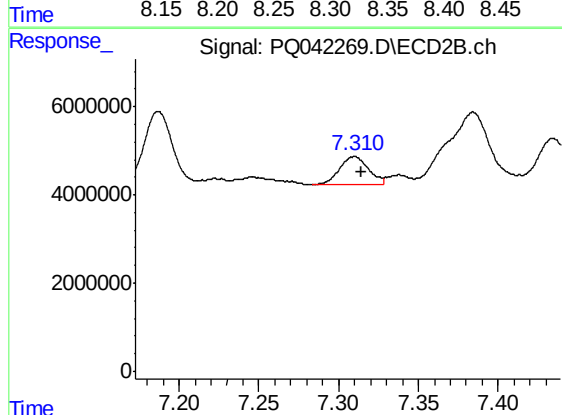
R.T.: 7.141 min
Delta R.T.: -0.021 min
Response: 24210008
Conc: 132.38 ng/ml



#27 AR-1254-2

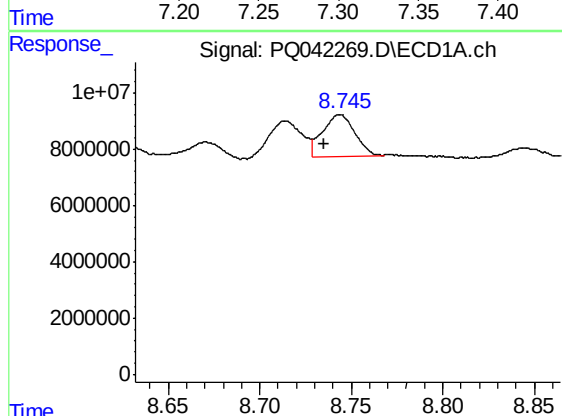
R.T.: 8.323 min
Delta R.T.: -0.020 min
Response: 21621583
Conc: 94.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



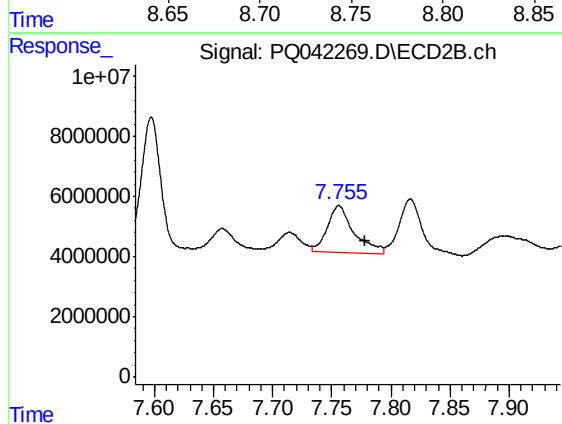
#27 AR-1254-2

R.T.: 7.310 min
Delta R.T.: -0.004 min
Response: 8014700
Conc: 49.51 ng/ml



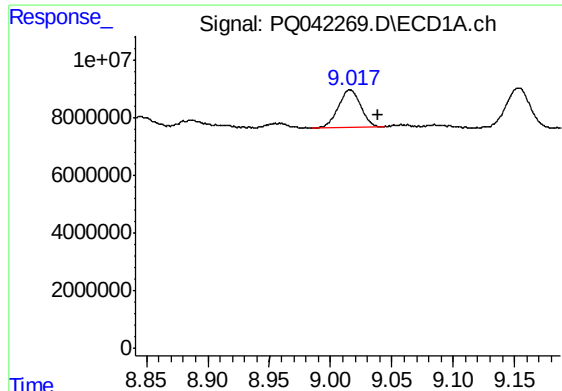
#28 AR-1254-3

R.T.: 8.744 min
Delta R.T.: 0.009 min
Response: 18150317
Conc: 66.38 ng/ml



#28 AR-1254-3

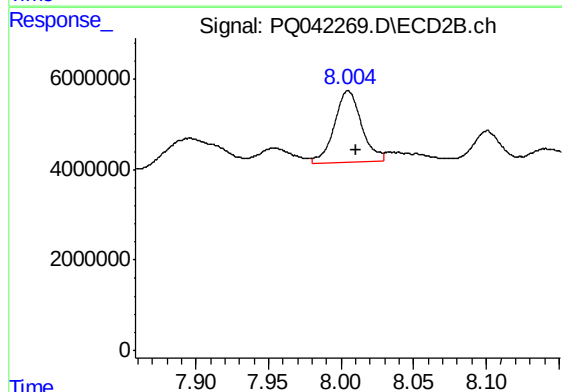
R.T.: 7.756 min
Delta R.T.: -0.022 min
Response: 24483489
Conc: 84.89 ng/ml



#29 AR-1254-4

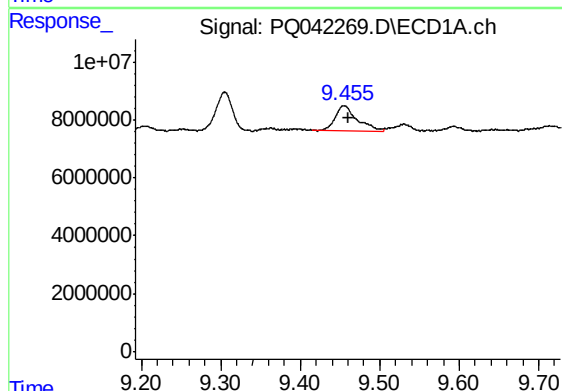
R.T.: 9.016 min
Delta R.T.: -0.023 min
Response: 16707096
Conc: 67.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



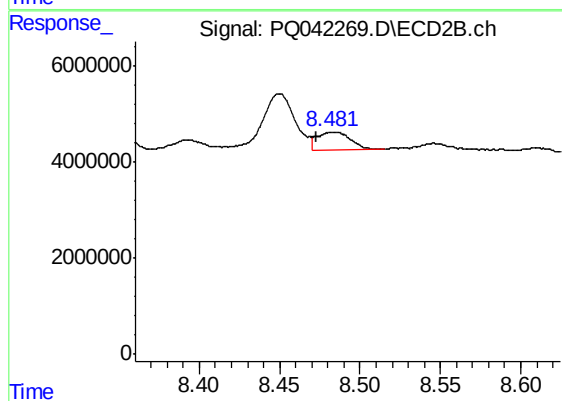
#29 AR-1254-4

R.T.: 8.005 min
Delta R.T.: -0.005 min
Response: 20741661
Conc: 95.55 ng/ml



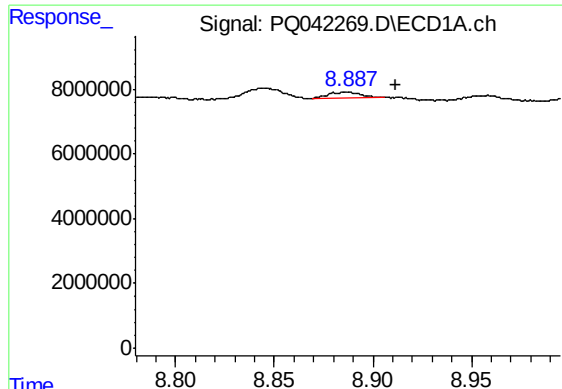
#30 AR-1254-5

R.T.: 9.456 min
Delta R.T.: -0.005 min
Response: 16672753
Conc: 61.56 ng/ml



#30 AR-1254-5

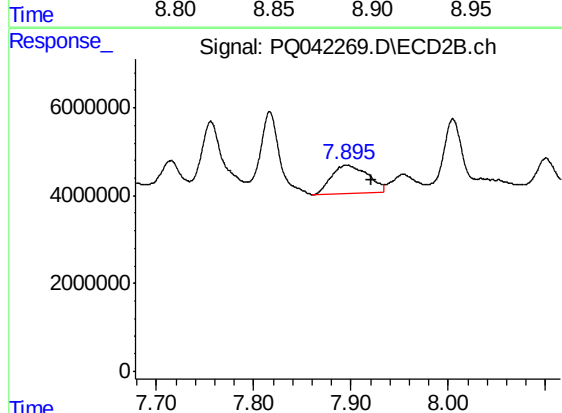
R.T.: 8.484 min
Delta R.T.: 0.012 min
Response: 5303108
Conc: 17.63 ng/ml



#31 AR-1260-1

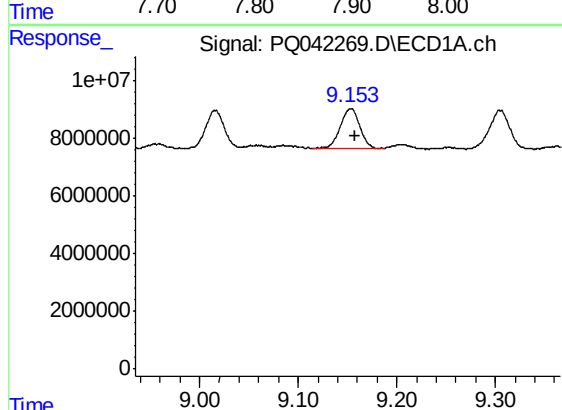
R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 2220111
Conc: 12.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



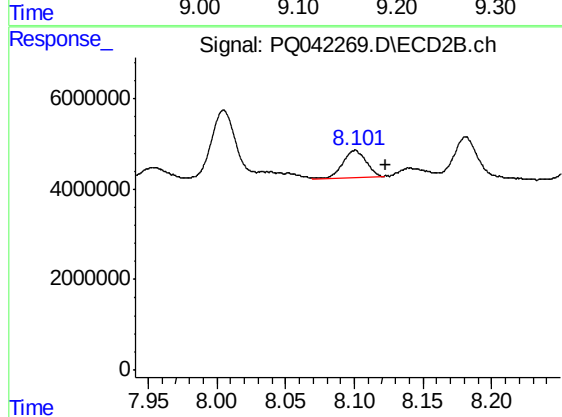
#31 AR-1260-1

R.T.: 7.896 min
Delta R.T.: -0.025 min
Response: 16631650
Conc: 91.67 ng/ml



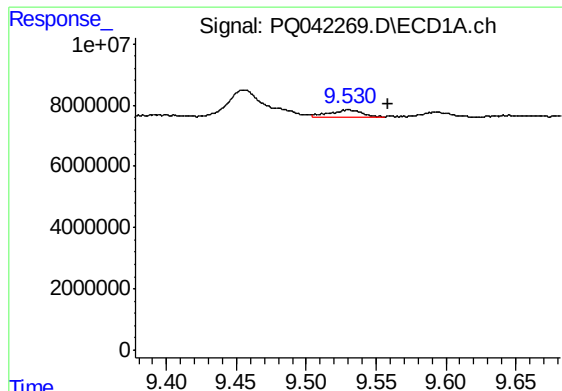
#32 AR-1260-2

R.T.: 9.154 min
Delta R.T.: -0.004 min
Response: 19475753
Conc: 77.20 ng/ml



#32 AR-1260-2

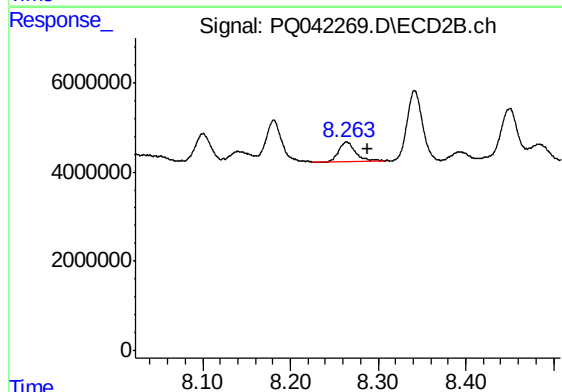
R.T.: 8.101 min
Delta R.T.: -0.022 min
Response: 7079808
Conc: 28.86 ng/ml



#33 AR-1260-3

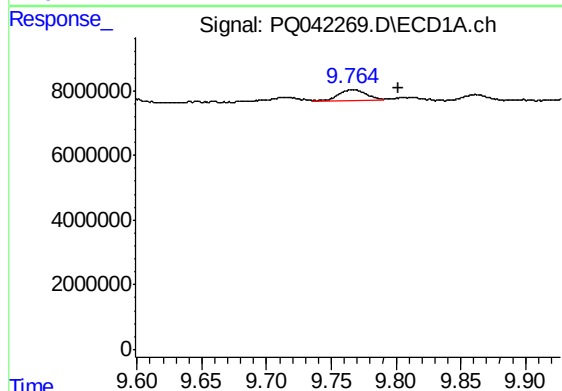
R.T.: 9.530 min
Delta R.T.: -0.028 min
Response: 3931224
Conc: 17.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



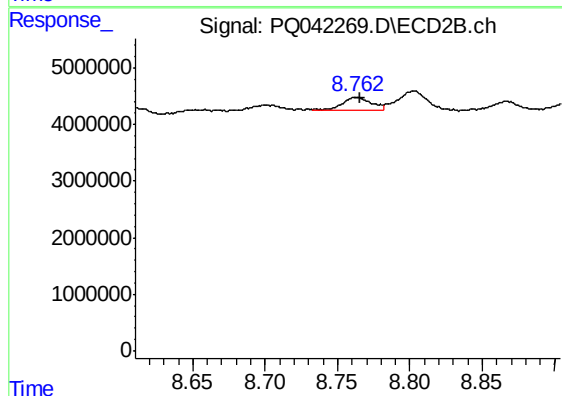
#33 AR-1260-3

R.T.: 8.264 min
Delta R.T.: -0.025 min
Response: 5945443
Conc: 27.94 ng/ml



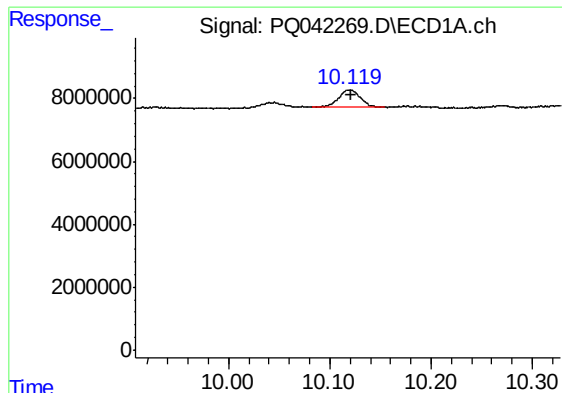
#34 AR-1260-4

R.T.: 9.765 min
Delta R.T.: -0.036 min
Response: 4745401
Conc: 18.58 ng/ml



#34 AR-1260-4

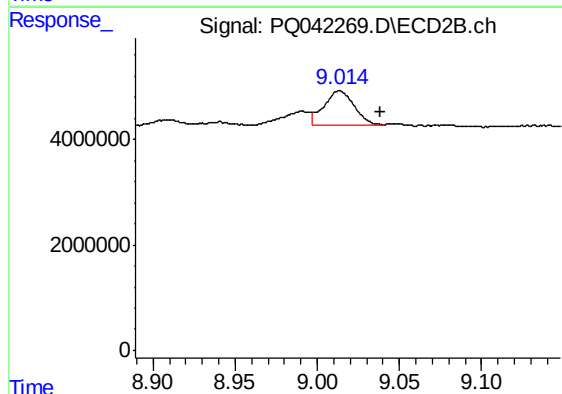
R.T.: 8.763 min
Delta R.T.: -0.003 min
Response: 3531262
Conc: 17.46 ng/ml



#35 AR-1260-5

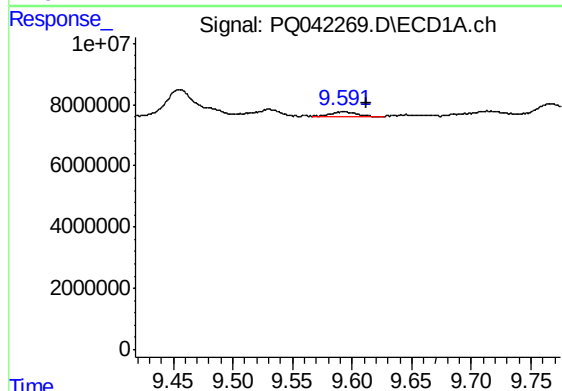
R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 8274669
Conc: 12.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



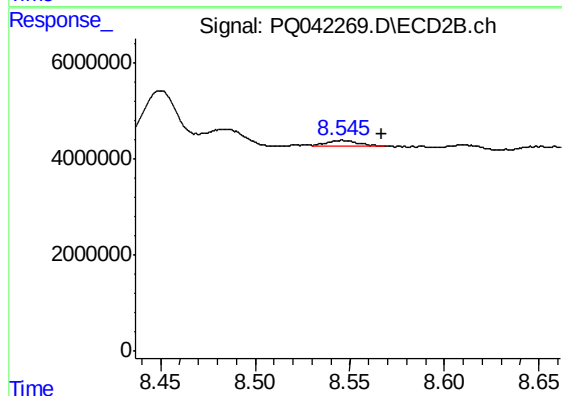
#35 AR-1260-5

R.T.: 9.014 min
Delta R.T.: -0.025 min
Response: 8261243
Conc: 14.00 ng/ml



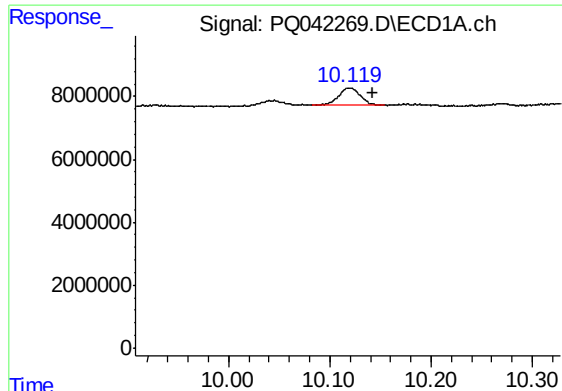
#36 AR-1262-1

R.T.: 9.592 min
Delta R.T.: -0.021 min
Response: 2570643
Conc: 16.73 ng/ml



#36 AR-1262-1

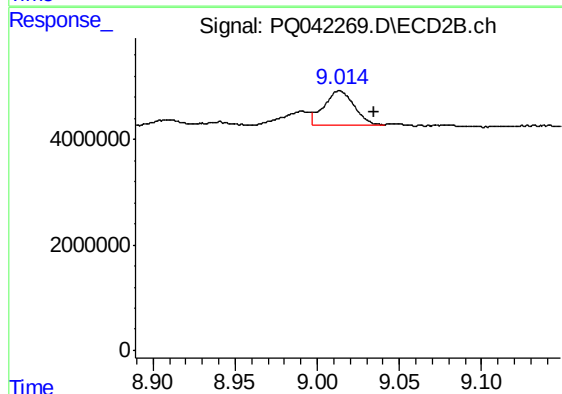
R.T.: 8.546 min
Delta R.T.: -0.021 min
Response: 1478110
Conc: 10.30 ng/ml



#37 AR-1262-2

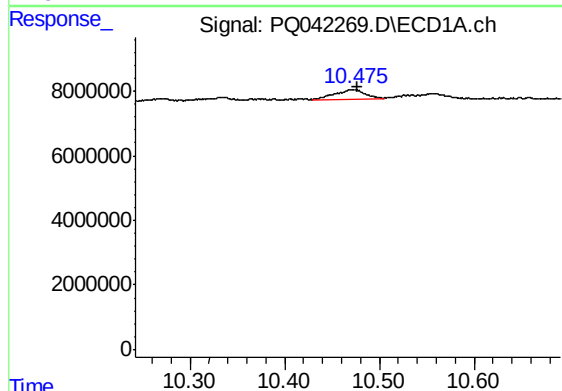
R.T.: 10.120 min
Delta R.T.: -0.022 min
Response: 8274669
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



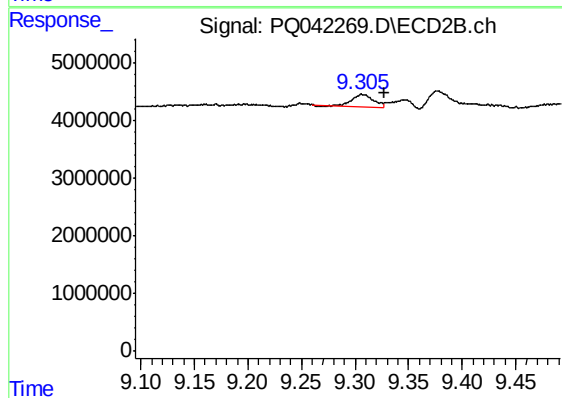
#37 AR-1262-2

R.T.: 9.014 min
Delta R.T.: -0.020 min
Response: 8261243
Conc: 11.15 ng/ml



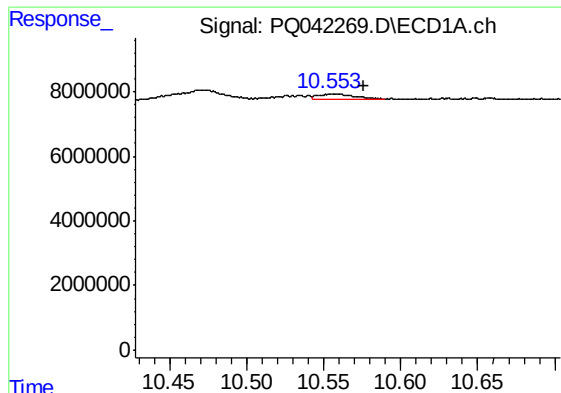
#38 AR-1262-3

R.T.: 10.475 min
Delta R.T.: -0.002 min
Response: 6783297
Conc: 10.68 ng/ml



#38 AR-1262-3

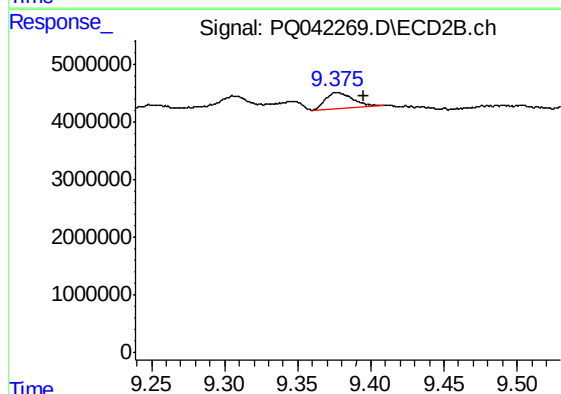
R.T.: 9.306 min
Delta R.T.: -0.022 min
Response: 2816815
Conc: 8.90 ng/ml



#39 AR-1262-4

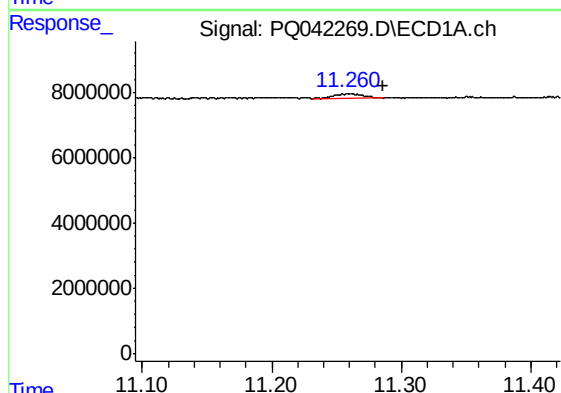
R.T.: 10.554 min
Delta R.T.: -0.023 min
Response: 2609096
Conc: 5.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



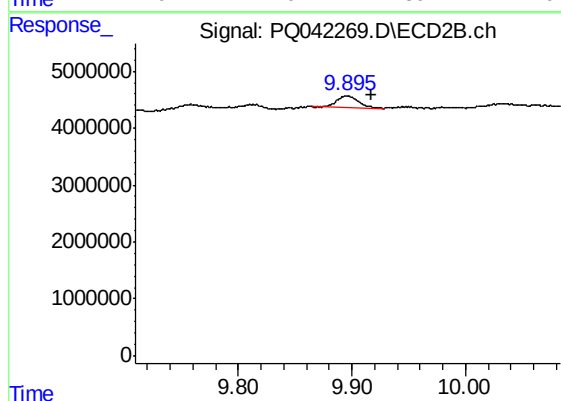
#39 AR-1262-4

R.T.: 9.378 min
Delta R.T.: -0.017 min
Response: 3673549
Conc: 6.53 ng/ml



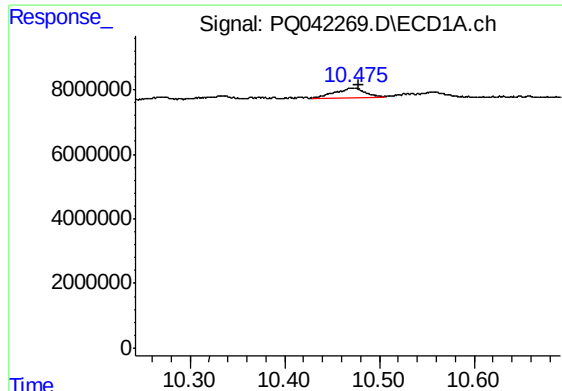
#40 AR-1262-5

R.T.: 11.260 min
Delta R.T.: -0.026 min
Response: 2228231
Conc: 5.47 ng/ml



#40 AR-1262-5

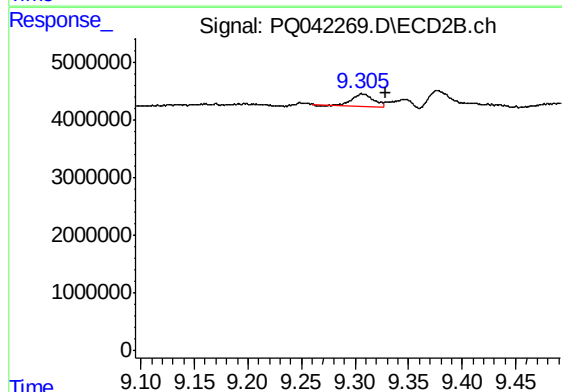
R.T.: 9.896 min
Delta R.T.: -0.022 min
Response: 2761343
Conc: 9.67 ng/ml



#41 AR-1268-1

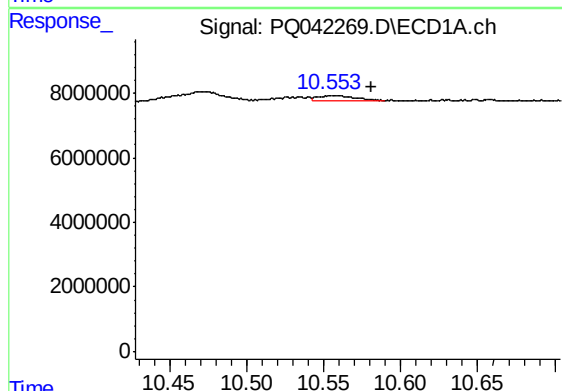
R.T.: 10.475 min
Delta R.T.: -0.003 min
Response: 6783297
Conc: 4.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



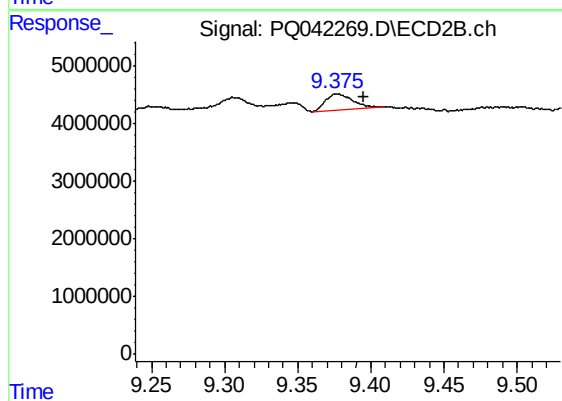
#41 AR-1268-1

R.T.: 9.306 min
Delta R.T.: -0.023 min
Response: 2816815
Conc: 2.46 ng/ml



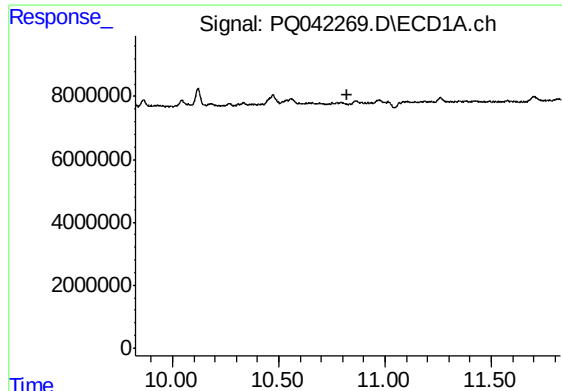
#42 AR-1268-2

R.T.: 10.554 min
Delta R.T.: -0.027 min
Response: 2609096
Conc: 1.98 ng/ml



#42 AR-1268-2

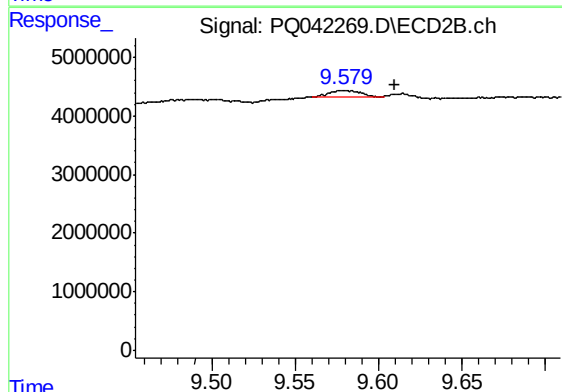
R.T.: 9.378 min
Delta R.T.: -0.018 min
Response: 3673549
Conc: 3.58 ng/ml



#43 AR-1268-3

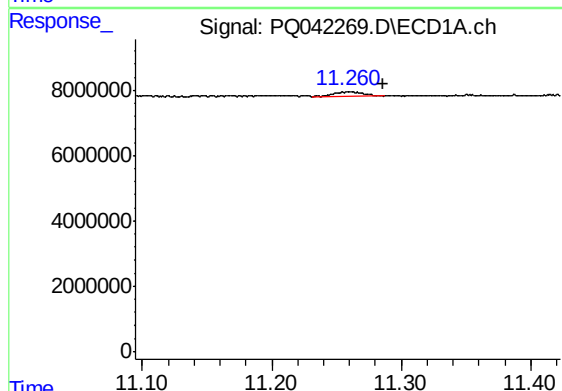
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



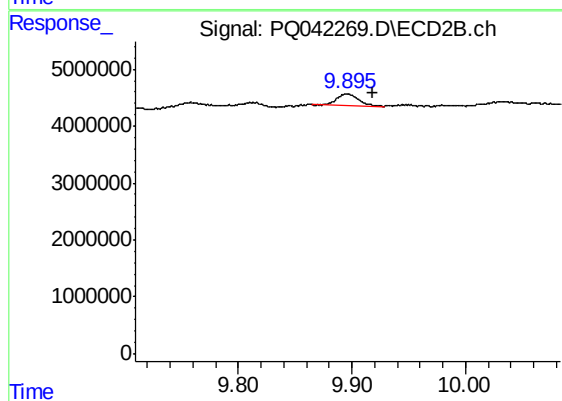
#43 AR-1268-3

R.T.: 9.580 min
Delta R.T.: -0.030 min
Response: 1537590
Conc: 1.77 ng/ml



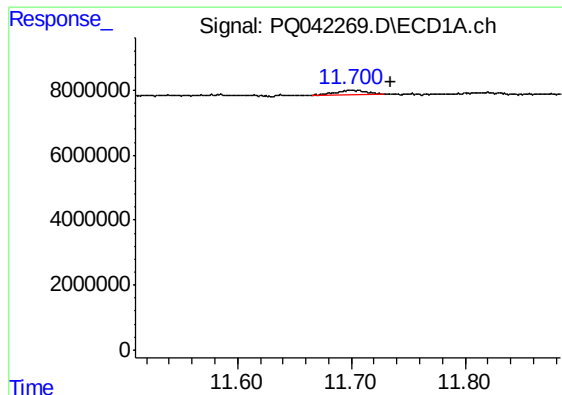
#44 AR-1268-4

R.T.: 11.260 min
Delta R.T.: -0.026 min
Response: 2228231
Conc: 4.09 ng/ml



#44 AR-1268-4

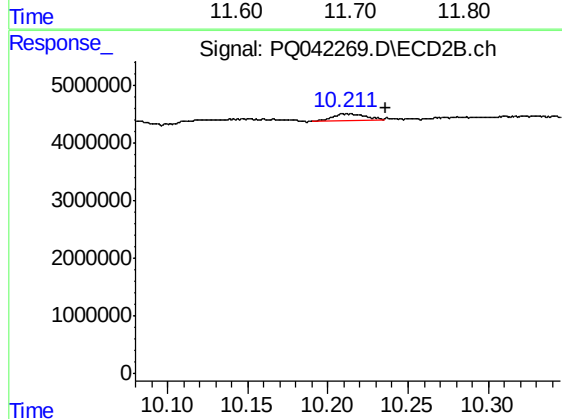
R.T.: 9.896 min
Delta R.T.: -0.023 min
Response: 2761343
Conc: 7.18 ng/ml



#45 AR-1268-5

R.T.: 11.701 min
Delta R.T.: -0.034 min
Response: 2785871
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.212 min
Delta R.T.: -0.024 min
Response: 1557052
Conc: 0.60 ng/ml