

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 01:34
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 04:41:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 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...	5.100	4.308	53970369	32265057	16.407	18.916
2)	SA Decachlor...	11.147	9.713	253.1E6	209.1E6	38.782	39.971
Target Compounds							
3)	L1 AR-1016-1	6.411	5.584	1295657	185690	10.526	2.668 #
4)	L1 AR-1016-2	6.439	5.584	1466573	185690	7.514	1.751 #
5)	L1 AR-1016-3	6.500	5.849	821790	18052423	6.770	340.211 #
6)	L1 AR-1016-4	6.604	5.849	738828	18052423	7.644	386.185 #
7)	L1 AR-1016-5	6.921	6.083	19044386	12107057	187.466	190.908
9)	L2 AR-1221-2	5.450	0.000	982679	0	37.035	N.D. #
12)	L3 AR-1232-2	6.119	5.584	1689937	185690	42.247	4.184 #
13)	L3 AR-1232-3	6.439	5.849	1466573	18052423	18.208	815.151 #
14)	L3 AR-1232-4	6.604	5.893	738828	5646732	18.693	250.234 #
15)	L3 AR-1232-5	6.704	6.083	33222637	12107057	995.095	498.546 #
16)	L4 AR-1242-1	6.411	5.584	1295657	185690	12.529	3.148 #
17)	L4 AR-1242-2	6.439	5.584	1466573	185690	8.991	2.118 #
18)	L4 AR-1242-3	6.500	5.849	821790	18052423	8.035	400.616 #
19)	L4 AR-1242-4	6.604	5.893	738828	5646732	9.190	116.335 #
20)	L4 AR-1242-5	7.389	6.465	23085180	56631702	245.998	816.061 #
21)	L5 AR-1248-1	6.411	5.584	1295657	185690	15.990	4.013 #
22)	L5 AR-1248-2	6.704	5.849	33222637	18052423	261.417	267.813
23)	L5 AR-1248-3	6.921	5.893	19044386	5646732	136.756	79.517 #
24)	L5 AR-1248-4	7.346	6.083	33023317	12107057	203.385	139.202 #
25)	L5 AR-1248-5	7.389	6.508	23085180	7862699	147.371	83.168 #
26)	L6 AR-1254-1	7.317	6.465	63179757	56631702	384.037	390.231
27)	L6 AR-1254-2	7.545	6.622	100.8E6	53208919	384.667	397.709
28)	L6 AR-1254-3	7.926	7.049	111.1E6	95427494	388.551	398.104
29)	L6 AR-1254-4	8.220	7.289	85856161	68516240	396.226	410.344
30)	L6 AR-1254-5	8.648	7.721	112.3E6	104.5E6	456.381	405.496
31)	L7 AR-1260-1	8.094	7.184	43691558	46868840	204.510	306.188 #
32)	L7 AR-1260-2	8.357	7.380	54484630	42506703	223.590	212.787
33)	L7 AR-1260-3	8.712	7.539	13934311	42565192	70.291	231.350 #
34)	L7 AR-1260-4	8.946	8.025	38683446	5203826	169.207	28.682 #
35)	L7 AR-1260-5	9.288	8.271	18520266	13780363	35.590	26.934
36)	L8 AR-1262-1	8.783	7.721	3895733	104.5E6	28.175	716.276 #
37)	L8 AR-1262-2	9.288	8.271	18520266	13780363	28.571	21.180 #
38)	L8 AR-1262-3	9.628	8.561	12154695	1574192	26.566	5.909 #
39)	L8 AR-1262-4	9.679	8.625	3167586	14533216	8.688	27.762 #
40)	L8 AR-1262-5	10.378	9.137	741025	758373	2.600	2.758
41)	L9 AR-1268-1	9.628	8.561	12154695	1574192	14.384	1.960 #
42)	L9 AR-1268-2	9.679	8.625	3167586	14533216	3.829	19.107 #
43)	L9 AR-1268-3	9.935	8.834	2386298	1974671	3.399	3.160
44)	L9 AR-1268-4	10.378	9.137	741025	758373	2.254	2.383

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 Acq On : 27 Nov 2019 01:34
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

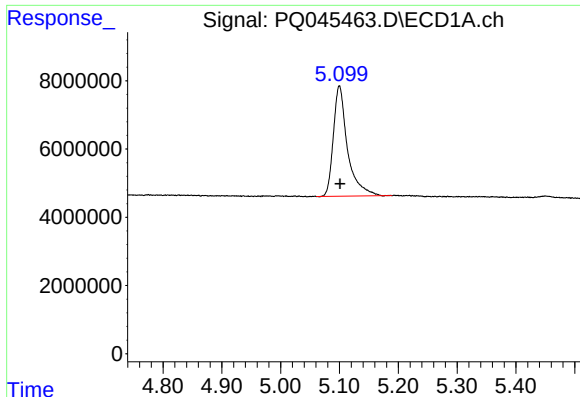
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 04:41:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 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	10.801	9.445	1996343	1622411	0.741	0.672

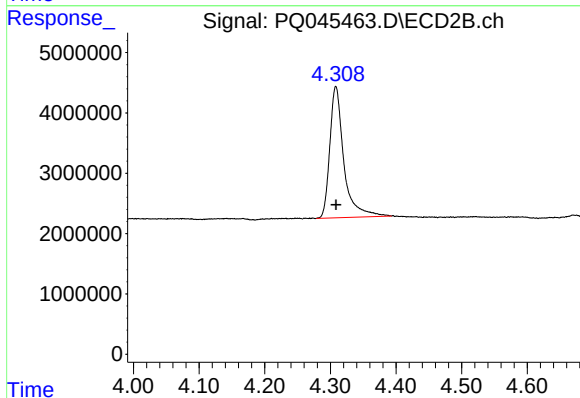
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

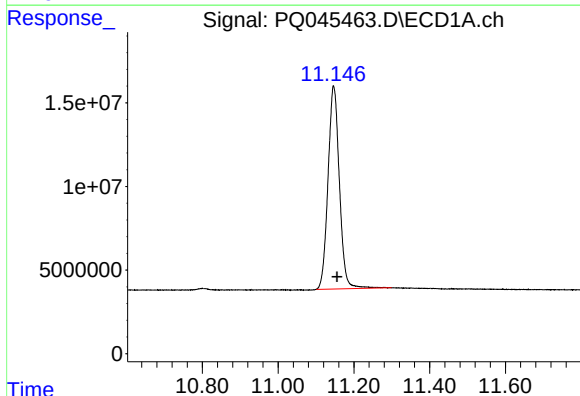
R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 53970369
Conc: 16.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



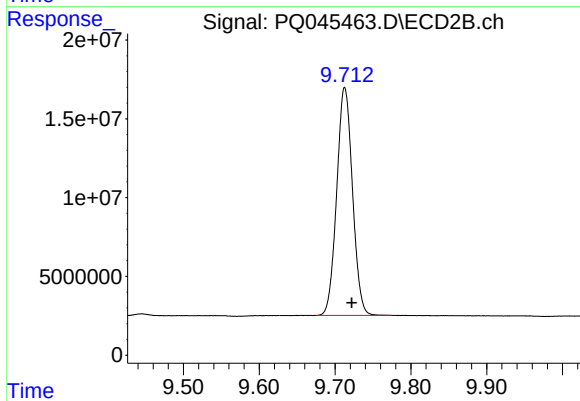
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 32265057
Conc: 18.92 ng/ml



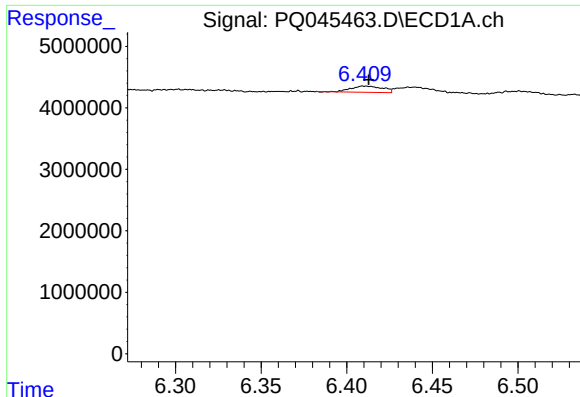
#2 Decachlorobiphenyl

R.T.: 11.147 min
Delta R.T.: -0.009 min
Response: 253065892
Conc: 38.78 ng/ml



#2 Decachlorobiphenyl

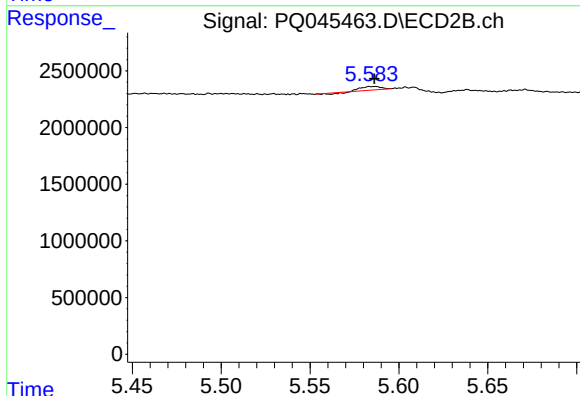
R.T.: 9.713 min
Delta R.T.: -0.009 min
Response: 209136487
Conc: 39.97 ng/ml



#3 AR-1016-1

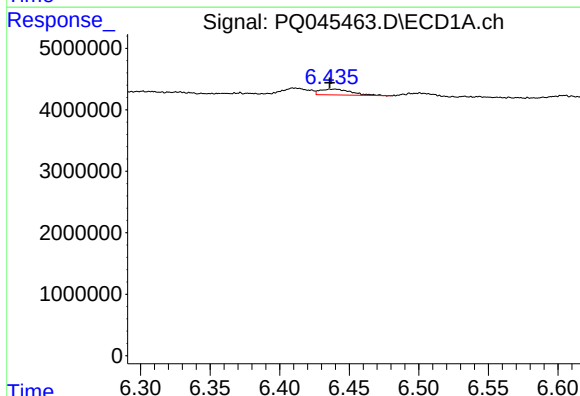
R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 1295657
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



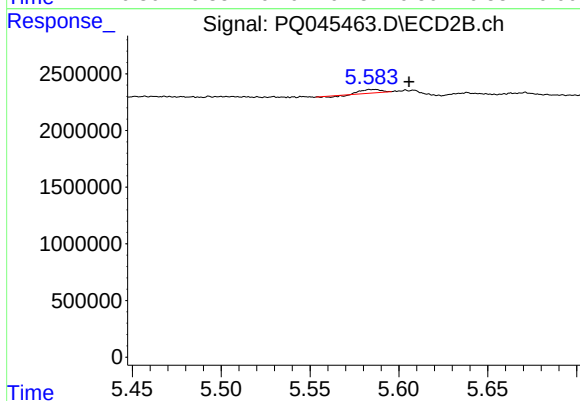
#3 AR-1016-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 185690
Conc: 2.67 ng/ml



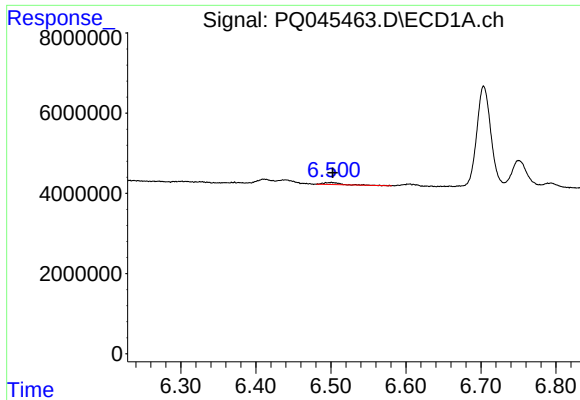
#4 AR-1016-2

R.T.: 6.439 min
Delta R.T.: 0.003 min
Response: 1466573
Conc: 7.51 ng/ml



#4 AR-1016-2

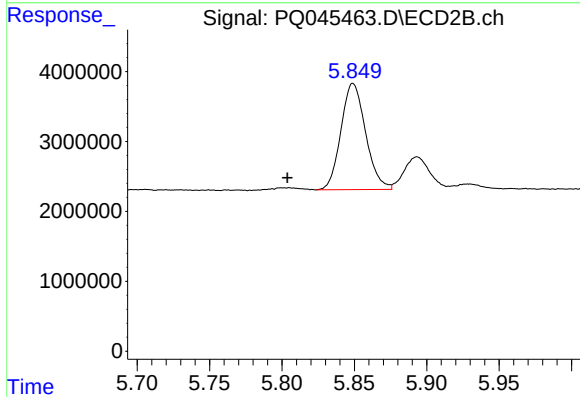
R.T.: 5.584 min
Delta R.T.: -0.022 min
Response: 185690
Conc: 1.75 ng/ml



#5 AR-1016-3

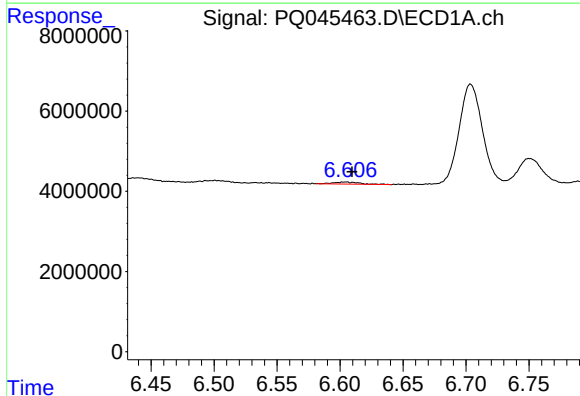
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 821790
Conc: 6.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



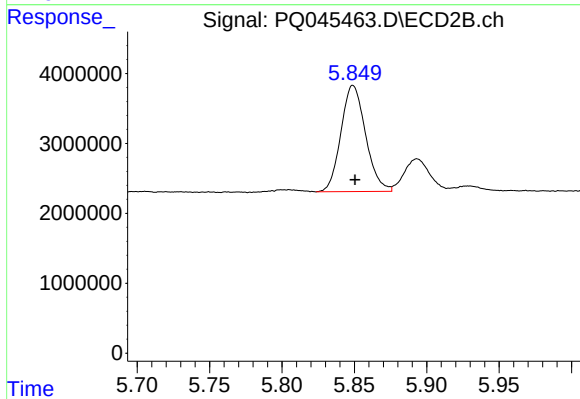
#5 AR-1016-3

R.T.: 5.849 min
Delta R.T.: 0.045 min
Response: 18052423
Conc: 340.21 ng/ml



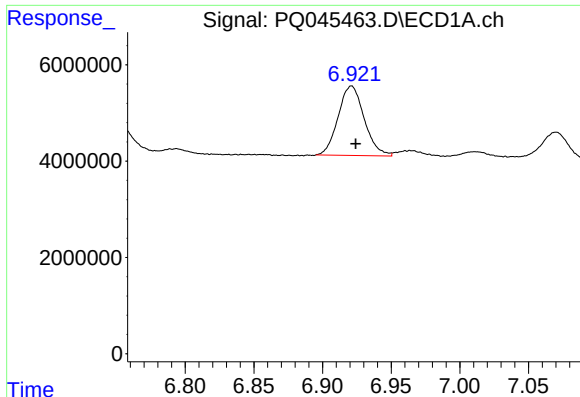
#6 AR-1016-4

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 738828
Conc: 7.64 ng/ml



#6 AR-1016-4

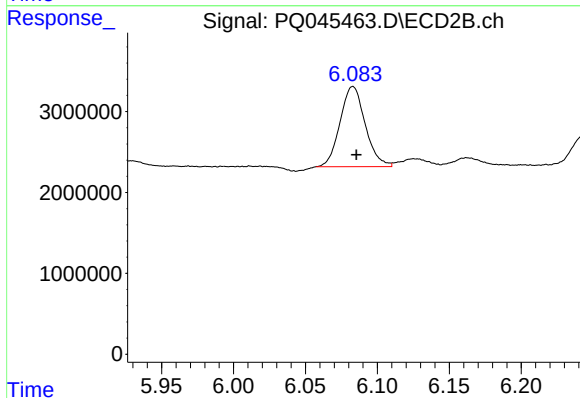
R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 18052423
Conc: 386.18 ng/ml



#7 AR-1016-5

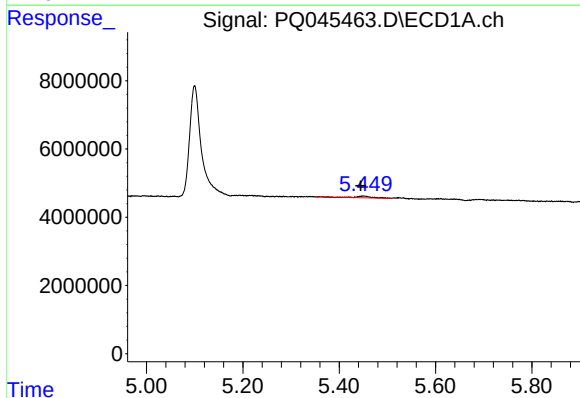
R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 19044386
Conc: 187.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



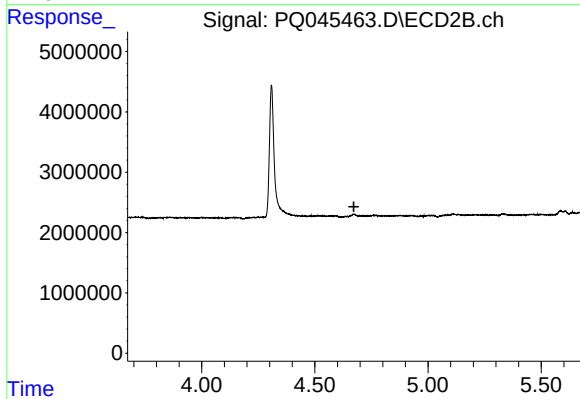
#7 AR-1016-5

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 12107057
Conc: 190.91 ng/ml



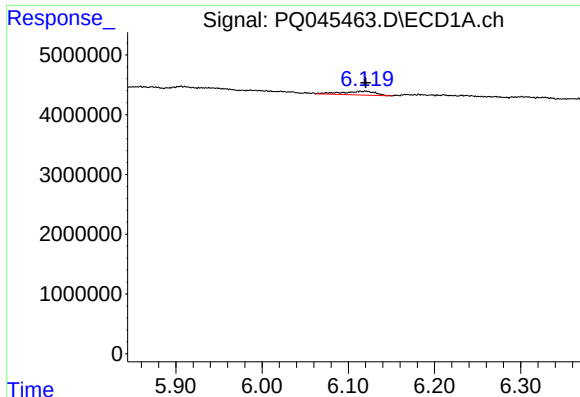
#9 AR-1221-2

R.T.: 5.450 min
Delta R.T.: 0.006 min
Response: 982679
Conc: 37.03 ng/ml



#9 AR-1221-2

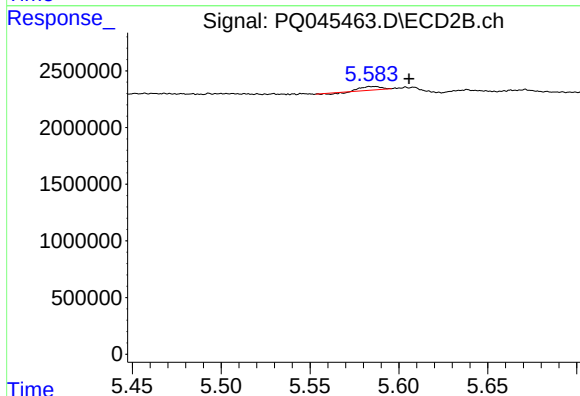
R.T.: 0.000 min
Exp R.T. : 4.672 min
Response: 0
Conc: N.D.



#12 AR-1232-2

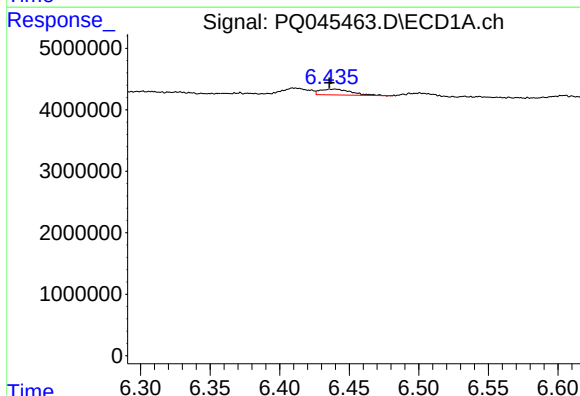
R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 1689937
Conc: 42.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



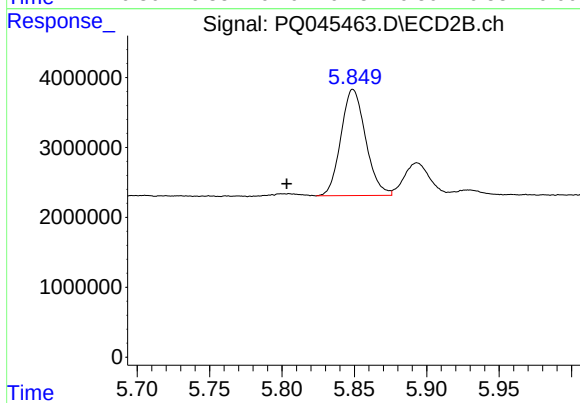
#12 AR-1232-2

R.T.: 5.584 min
Delta R.T.: -0.022 min
Response: 185690
Conc: 4.18 ng/ml



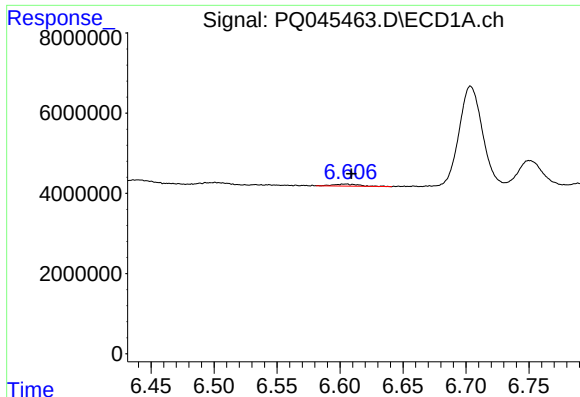
#13 AR-1232-3

R.T.: 6.439 min
Delta R.T.: 0.003 min
Response: 1466573
Conc: 18.21 ng/ml



#13 AR-1232-3

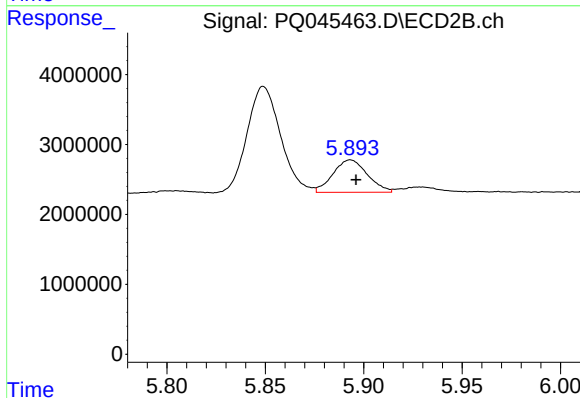
R.T.: 5.849 min
Delta R.T.: 0.046 min
Response: 18052423
Conc: 815.15 ng/ml



#14 AR-1232-4

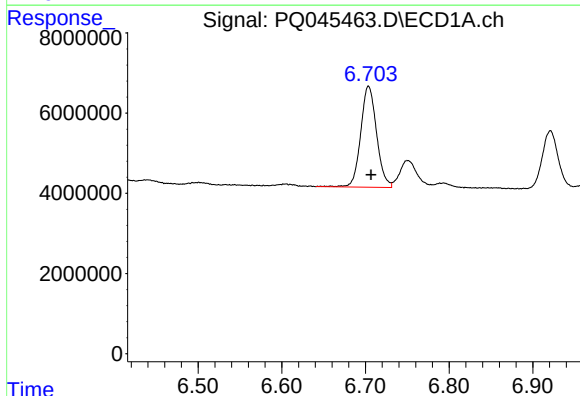
R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 738828
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



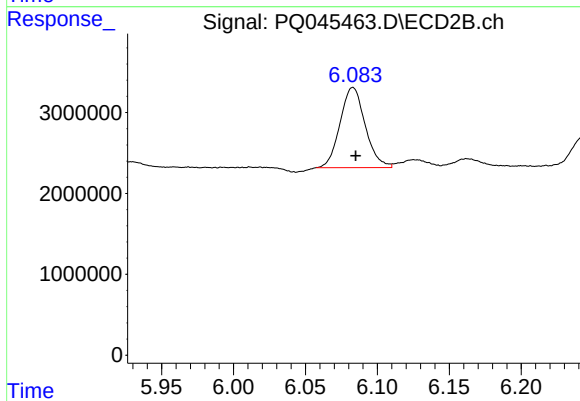
#14 AR-1232-4

R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 5646732
Conc: 250.23 ng/ml



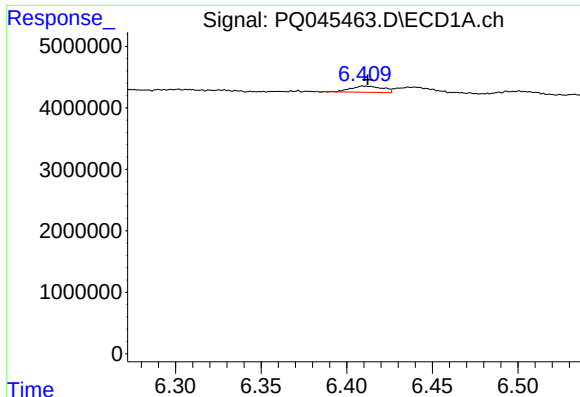
#15 AR-1232-5

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 33222637
Conc: 995.10 ng/ml



#15 AR-1232-5

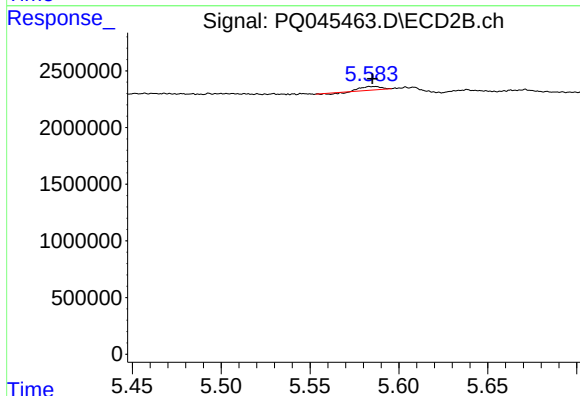
R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 12107057
Conc: 498.55 ng/ml



#16 AR-1242-1

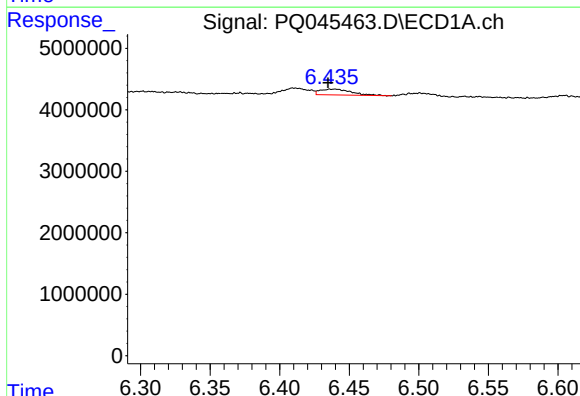
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1295657
Conc: 12.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



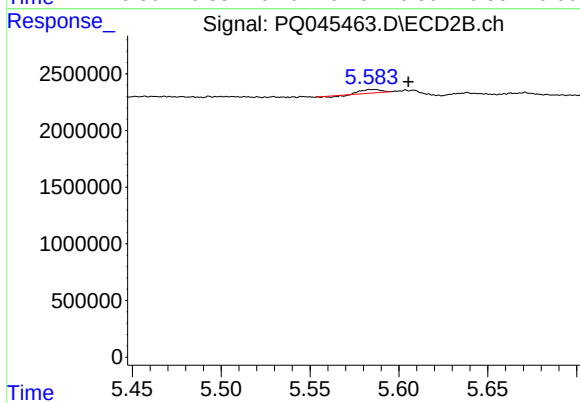
#16 AR-1242-1

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 185690
Conc: 3.15 ng/ml



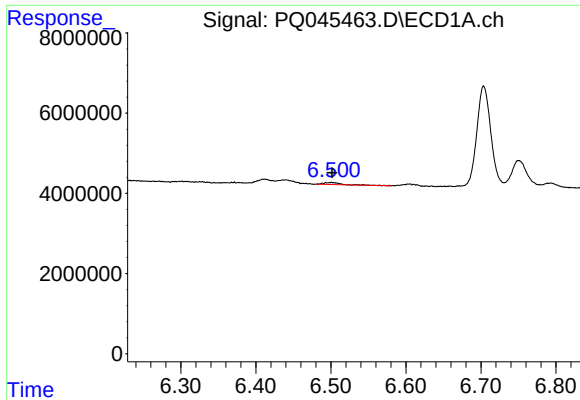
#17 AR-1242-2

R.T.: 6.439 min
Delta R.T.: 0.004 min
Response: 1466573
Conc: 8.99 ng/ml



#17 AR-1242-2

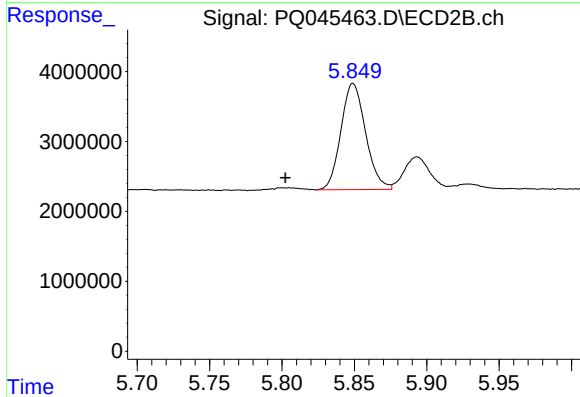
R.T.: 5.584 min
Delta R.T.: -0.022 min
Response: 185690
Conc: 2.12 ng/ml



#18 AR-1242-3

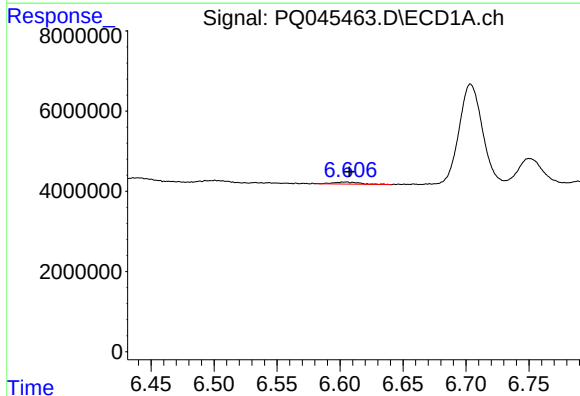
R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 821790
Conc: 8.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



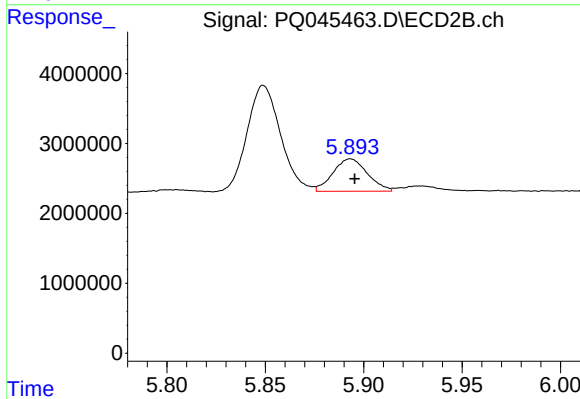
#18 AR-1242-3

R.T.: 5.849 min
Delta R.T.: 0.047 min
Response: 18052423
Conc: 400.62 ng/ml



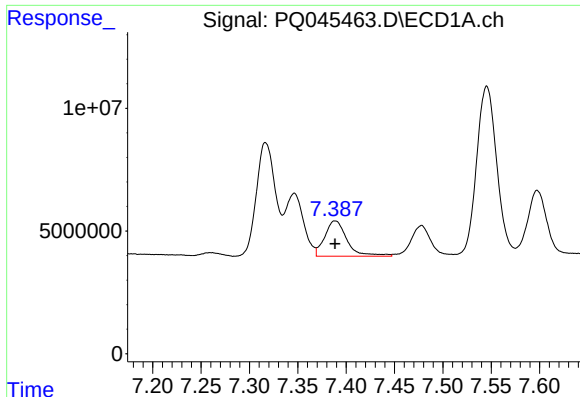
#19 AR-1242-4

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 738828
Conc: 9.19 ng/ml



#19 AR-1242-4

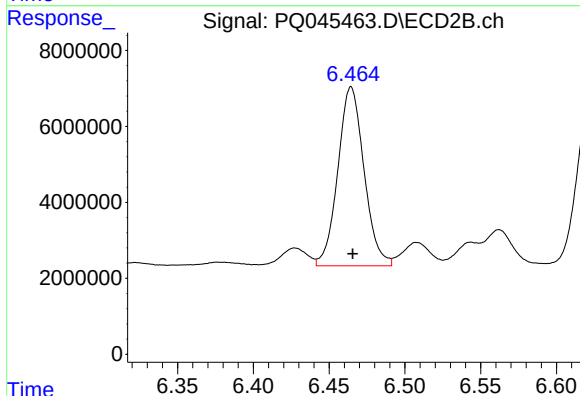
R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 5646732
Conc: 116.34 ng/ml



#20 AR-1242-5

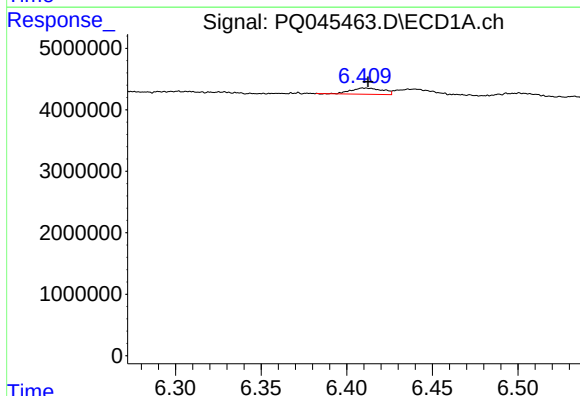
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 23085180
Conc: 246.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



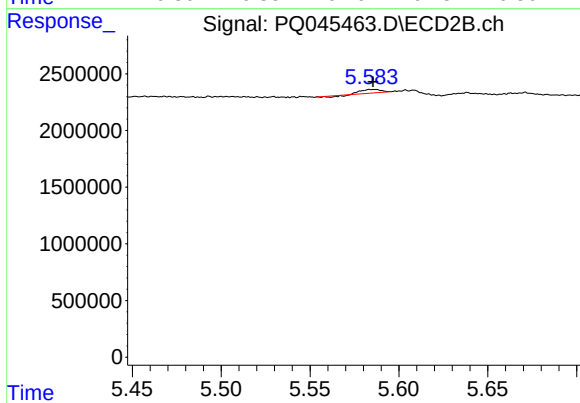
#20 AR-1242-5

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 56631702
Conc: 816.06 ng/ml



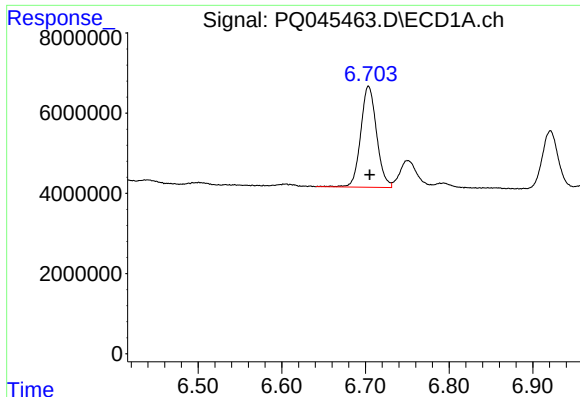
#21 AR-1248-1

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 1295657
Conc: 15.99 ng/ml



#21 AR-1248-1

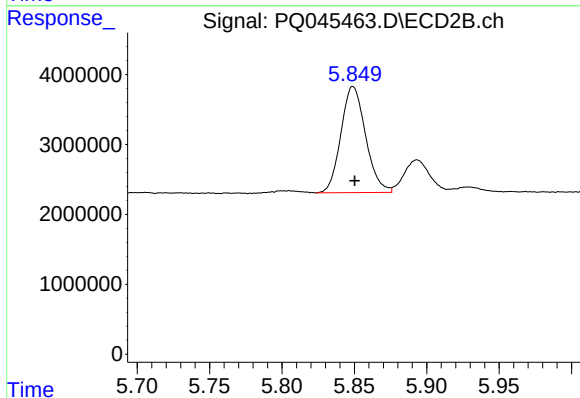
R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 185690
Conc: 4.01 ng/ml



#22 AR-1248-2

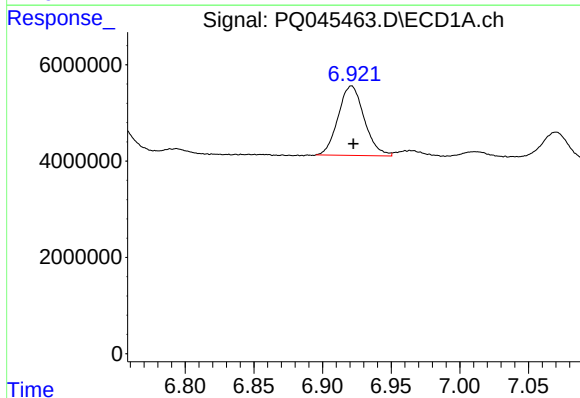
R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 33222637
Conc: 261.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



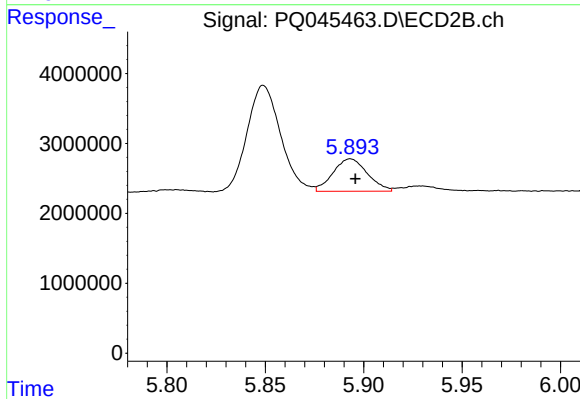
#22 AR-1248-2

R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 18052423
Conc: 267.81 ng/ml



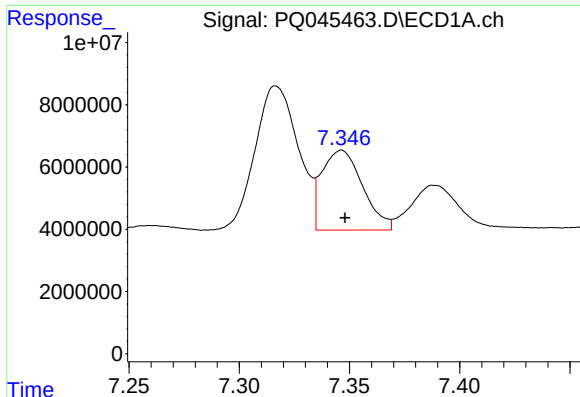
#23 AR-1248-3

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 19044386
Conc: 136.76 ng/ml



#23 AR-1248-3

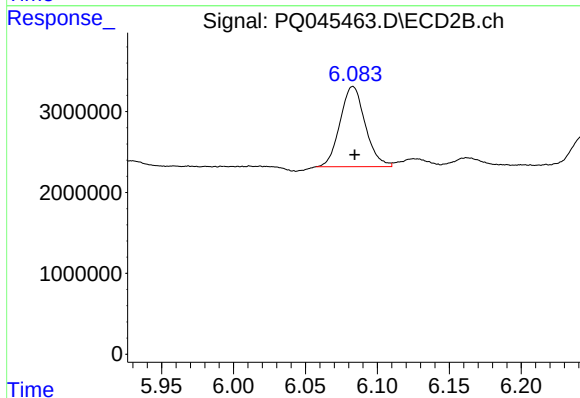
R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 5646732
Conc: 79.52 ng/ml



#24 AR-1248-4

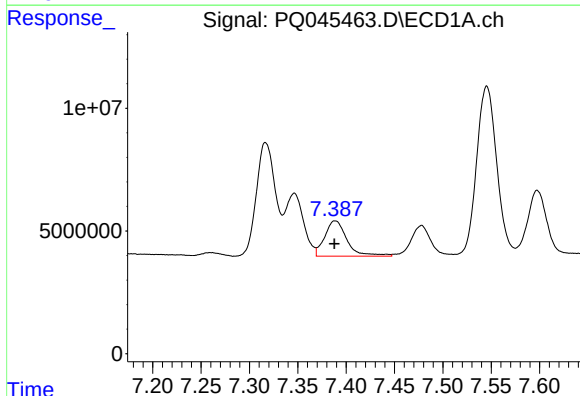
R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 33023317
Conc: 203.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



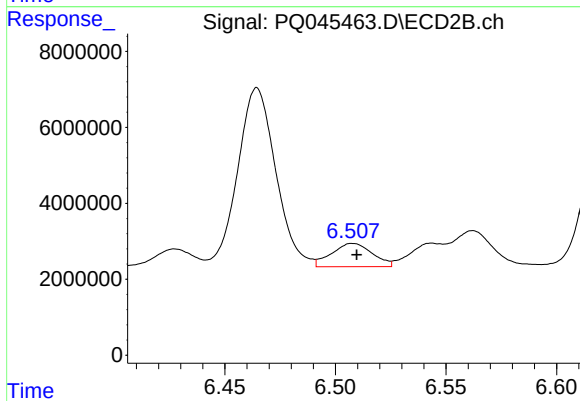
#24 AR-1248-4

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 12107057
Conc: 139.20 ng/ml



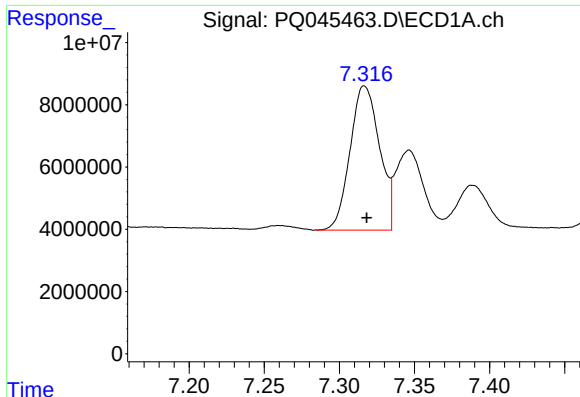
#25 AR-1248-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 23085180
Conc: 147.37 ng/ml



#25 AR-1248-5

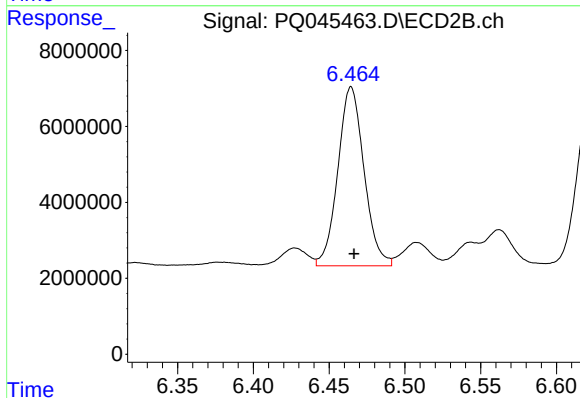
R.T.: 6.508 min
Delta R.T.: -0.002 min
Response: 7862699
Conc: 83.17 ng/ml



#26 AR-1254-1

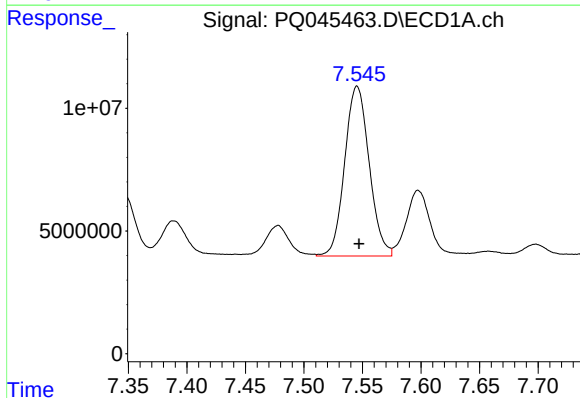
R.T.: 7.317 min
Delta R.T.: -0.001 min
Response: 63179757
Conc: 384.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



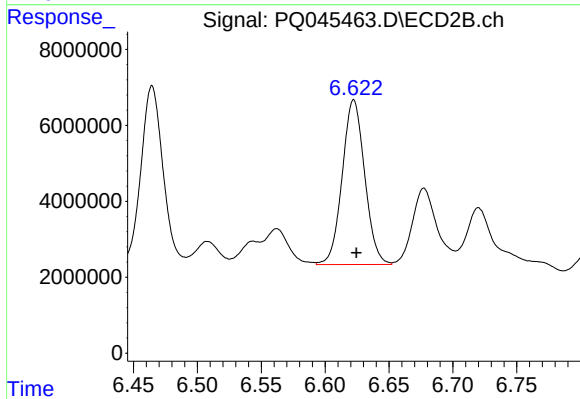
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 56631702
Conc: 390.23 ng/ml



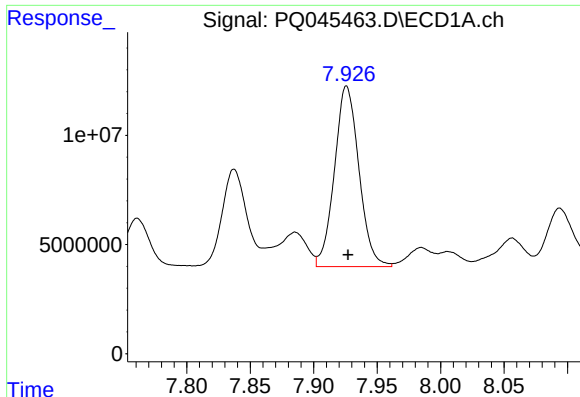
#27 AR-1254-2

R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 100824680
Conc: 384.67 ng/ml



#27 AR-1254-2

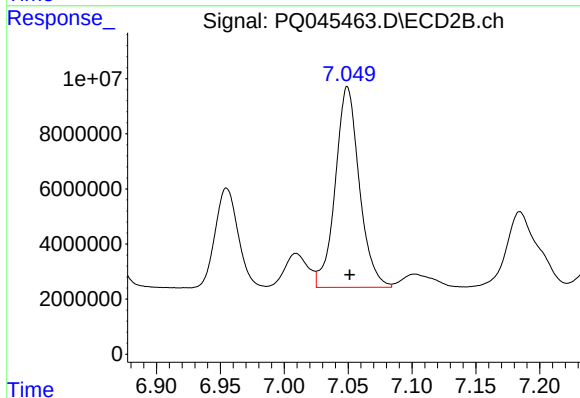
R.T.: 6.622 min
Delta R.T.: -0.002 min
Response: 53208919
Conc: 397.71 ng/ml



#28 AR-1254-3

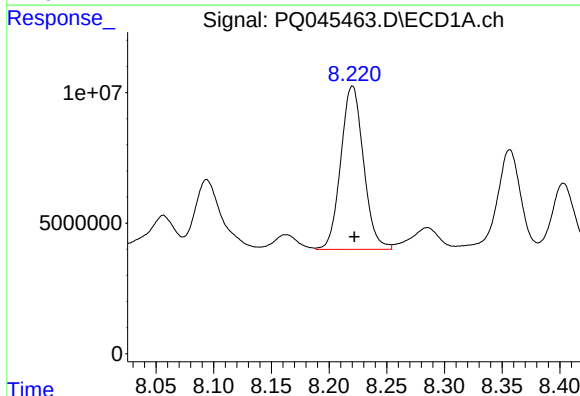
R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 111086535
Conc: 388.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



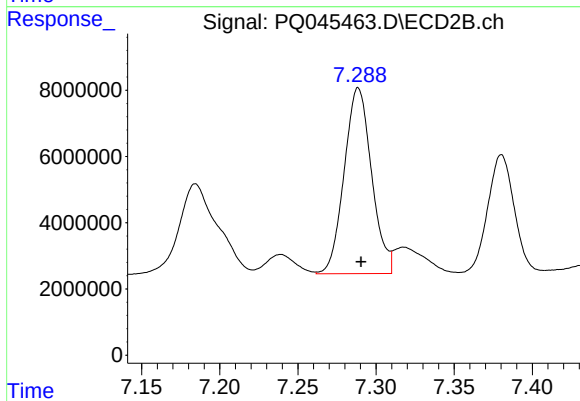
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 95427494
Conc: 398.10 ng/ml



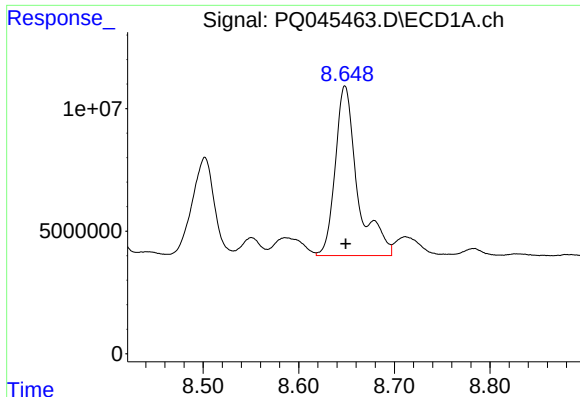
#29 AR-1254-4

R.T.: 8.220 min
Delta R.T.: -0.002 min
Response: 85856161
Conc: 396.23 ng/ml



#29 AR-1254-4

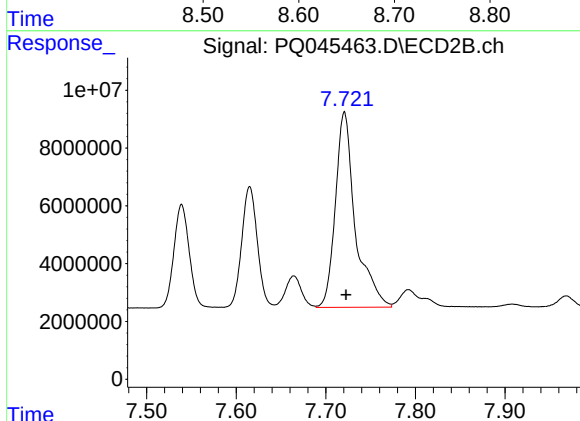
R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 68516240
Conc: 410.34 ng/ml



#30 AR-1254-5

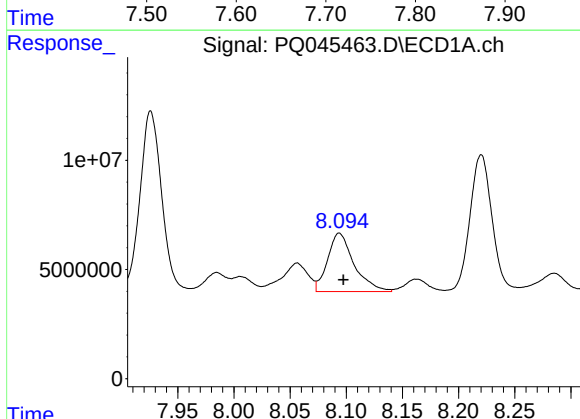
R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 112304101
Conc: 456.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



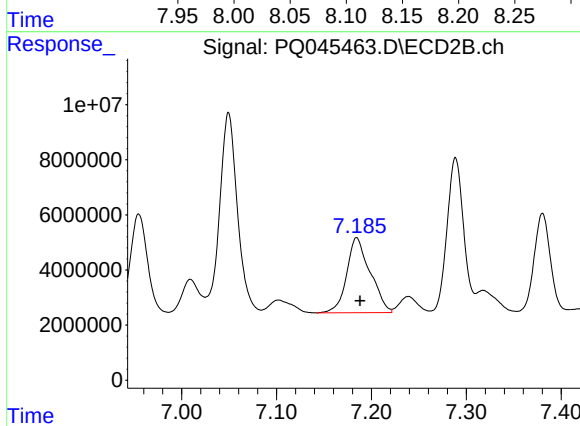
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 104488843
Conc: 405.50 ng/ml



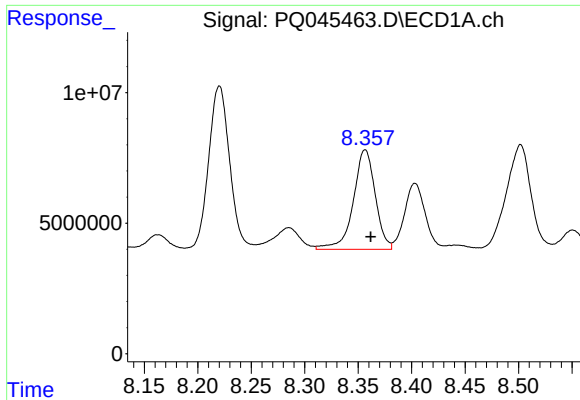
#31 AR-1260-1

R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 43691558
Conc: 204.51 ng/ml



#31 AR-1260-1

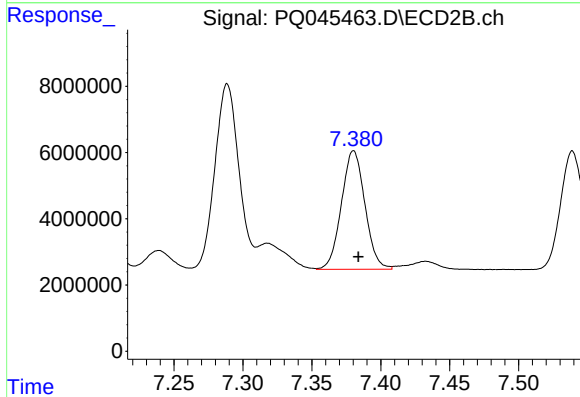
R.T.: 7.184 min
Delta R.T.: -0.004 min
Response: 46868840
Conc: 306.19 ng/ml



#32 AR-1260-2

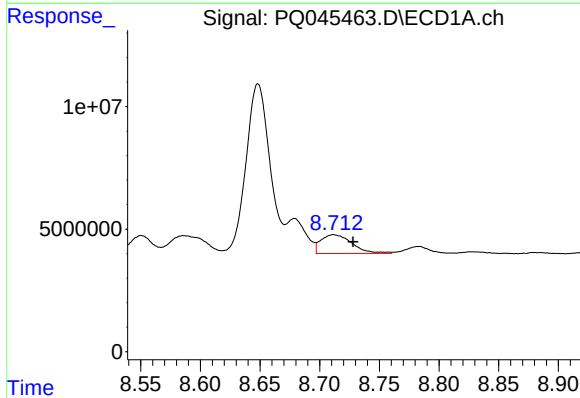
R.T.: 8.357 min
Delta R.T.: -0.005 min
Response: 54484630
Conc: 223.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



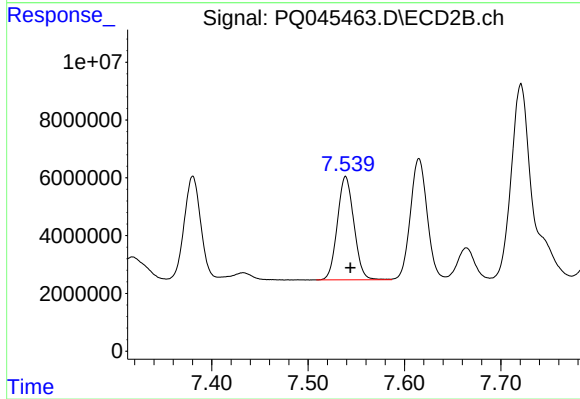
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 42506703
Conc: 212.79 ng/ml



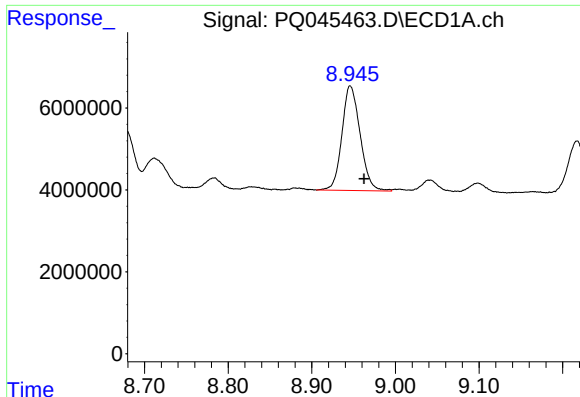
#33 AR-1260-3

R.T.: 8.712 min
Delta R.T.: -0.016 min
Response: 13934311
Conc: 70.29 ng/ml



#33 AR-1260-3

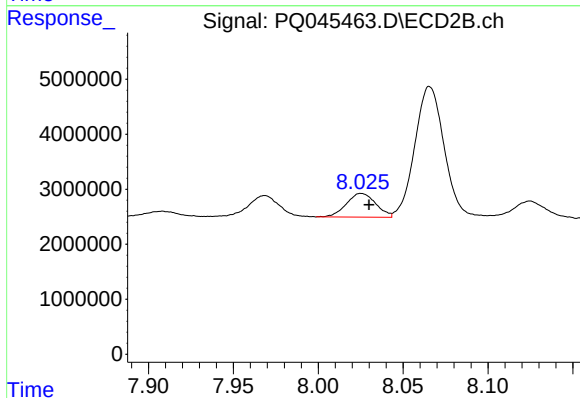
R.T.: 7.539 min
Delta R.T.: -0.005 min
Response: 42565192
Conc: 231.35 ng/ml



#34 AR-1260-4

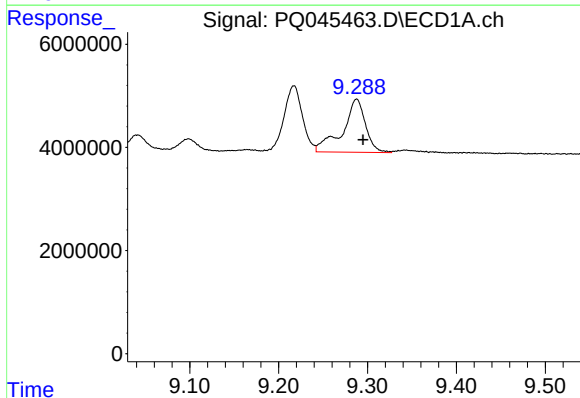
R.T.: 8.946 min
Delta R.T.: -0.016 min
Response: 38683446
Conc: 169.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



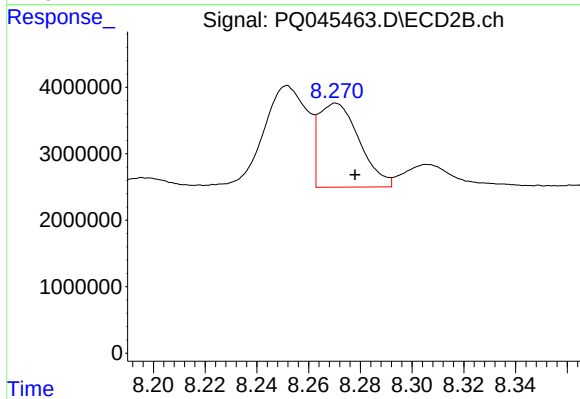
#34 AR-1260-4

R.T.: 8.025 min
Delta R.T.: -0.005 min
Response: 5203826
Conc: 28.68 ng/ml



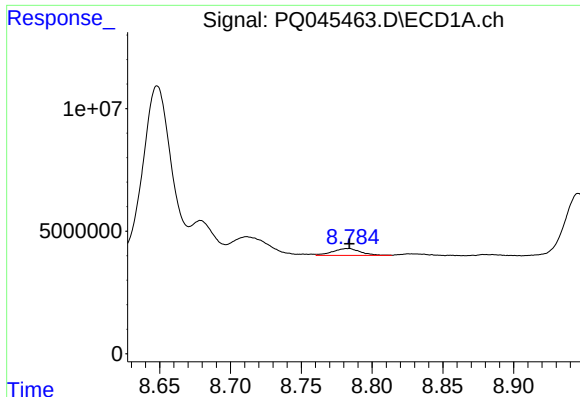
#35 AR-1260-5

R.T.: 9.288 min
Delta R.T.: -0.007 min
Response: 18520266
Conc: 35.59 ng/ml



#35 AR-1260-5

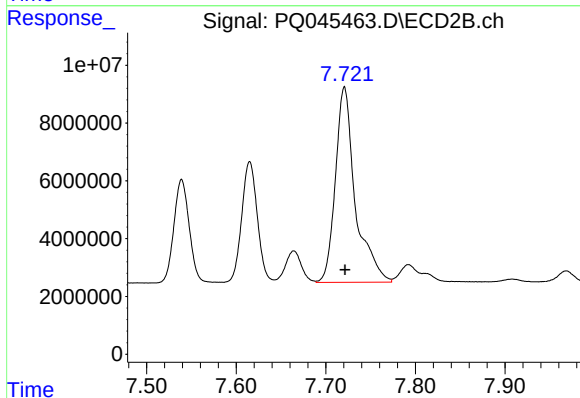
R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 13780363
Conc: 26.93 ng/ml



#36 AR-1262-1

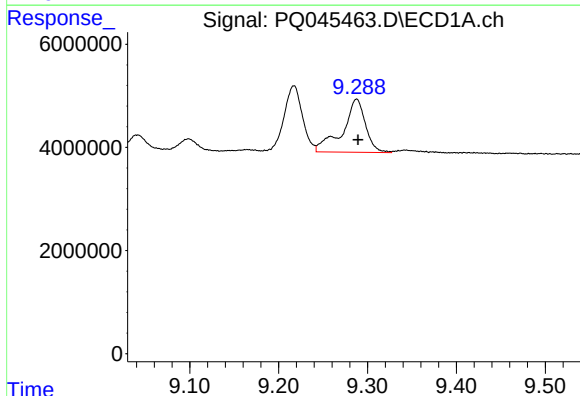
R.T.: 8.783 min
Delta R.T.: -0.002 min
Response: 3895733
Conc: 28.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



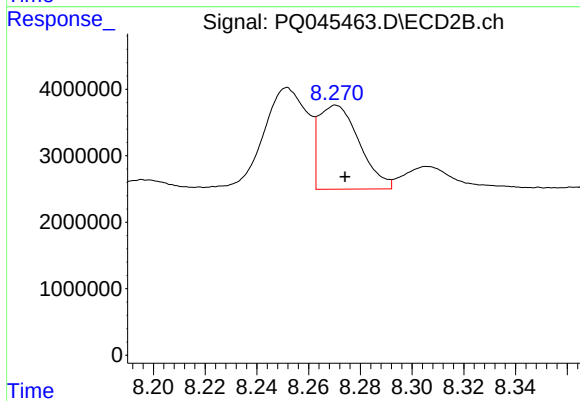
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 104488843
Conc: 716.28 ng/ml



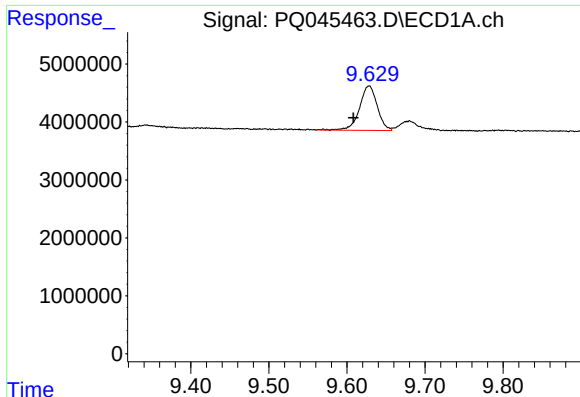
#37 AR-1262-2

R.T.: 9.288 min
Delta R.T.: -0.002 min
Response: 18520266
Conc: 28.57 ng/ml



#37 AR-1262-2

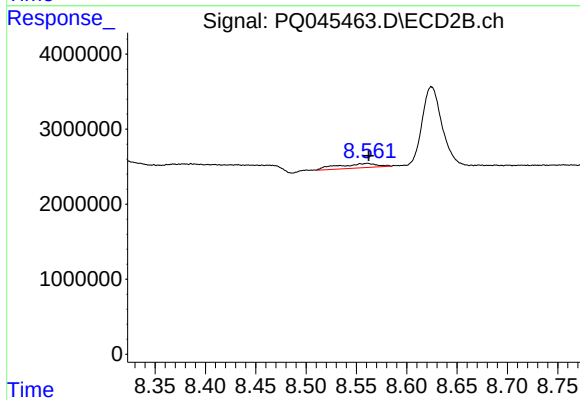
R.T.: 8.271 min
Delta R.T.: -0.003 min
Response: 13780363
Conc: 21.18 ng/ml



#38 AR-1262-3

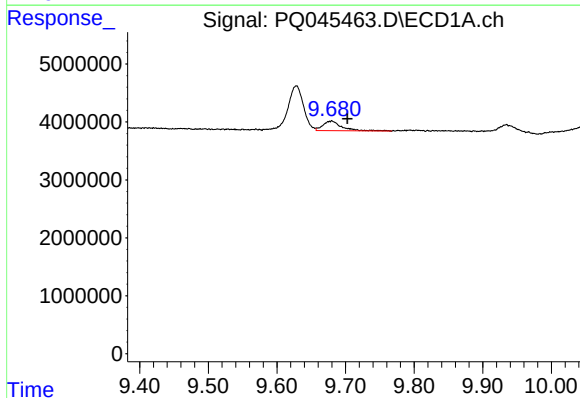
R.T.: 9.628 min
Delta R.T.: 0.020 min
Response: 12154695
Conc: 26.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



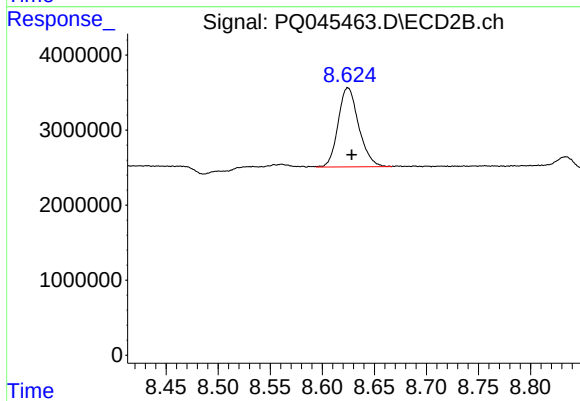
#38 AR-1262-3

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 1574192
Conc: 5.91 ng/ml



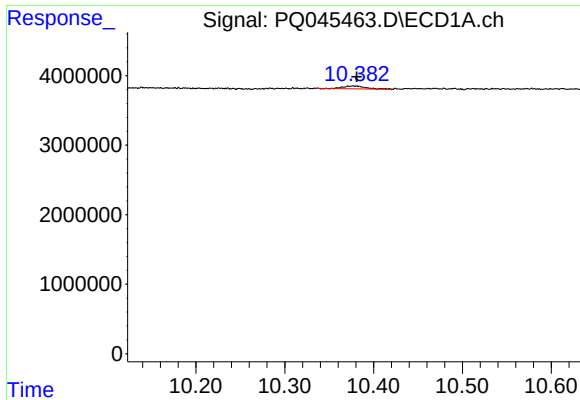
#39 AR-1262-4

R.T.: 9.679 min
Delta R.T.: -0.024 min
Response: 3167586
Conc: 8.69 ng/ml



#39 AR-1262-4

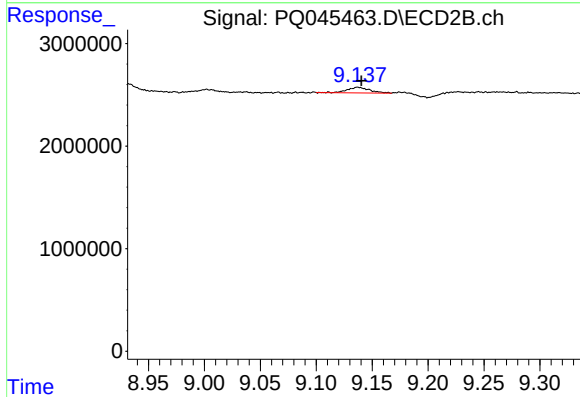
R.T.: 8.625 min
Delta R.T.: -0.004 min
Response: 14533216
Conc: 27.76 ng/ml



#40 AR-1262-5

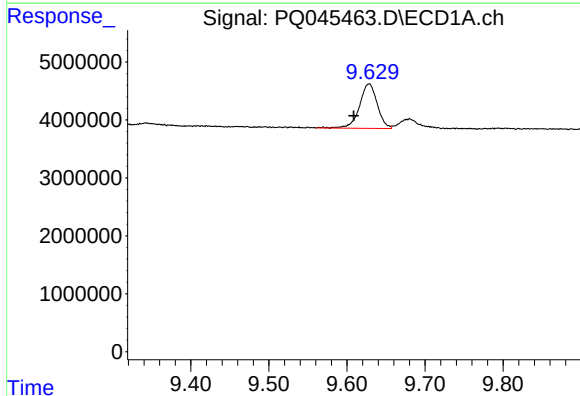
R.T.: 10.378 min
Delta R.T.: -0.004 min
Response: 741025
Conc: 2.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



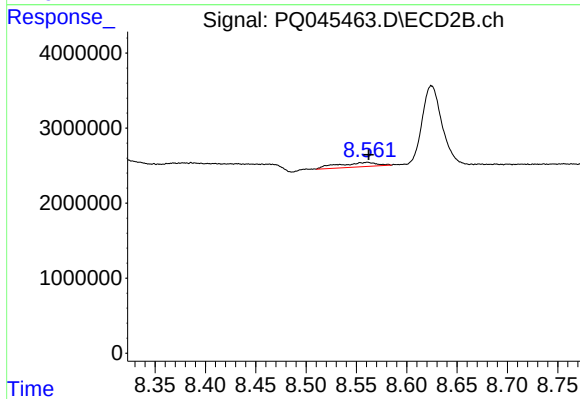
#40 AR-1262-5

R.T.: 9.137 min
Delta R.T.: -0.003 min
Response: 758373
Conc: 2.76 ng/ml



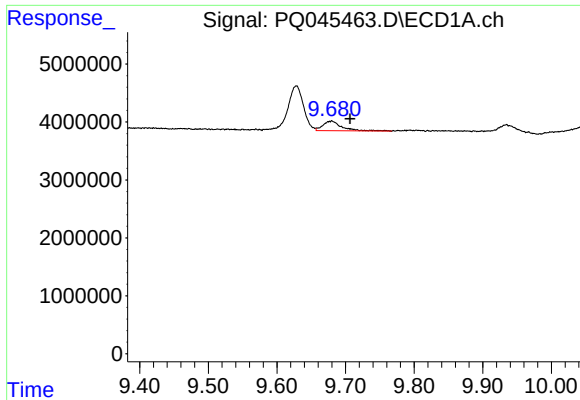
#41 AR-1268-1

R.T.: 9.628 min
Delta R.T.: 0.019 min
Response: 12154695
Conc: 14.38 ng/ml



#41 AR-1268-1

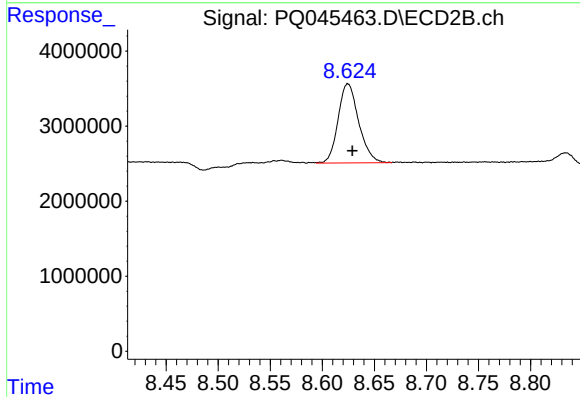
R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 1574192
Conc: 1.96 ng/ml



#42 AR-1268-2

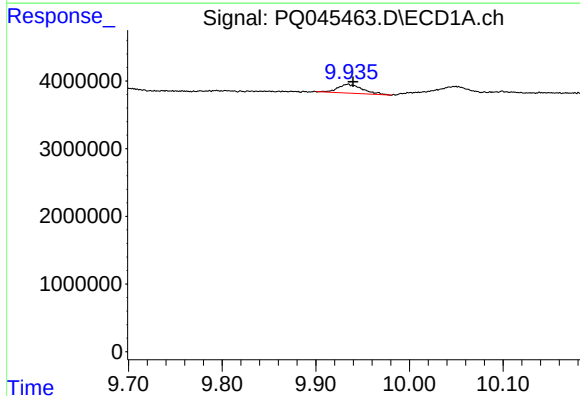
R.T.: 9.679 min
Delta R.T.: -0.028 min
Response: 3167586
Conc: 3.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



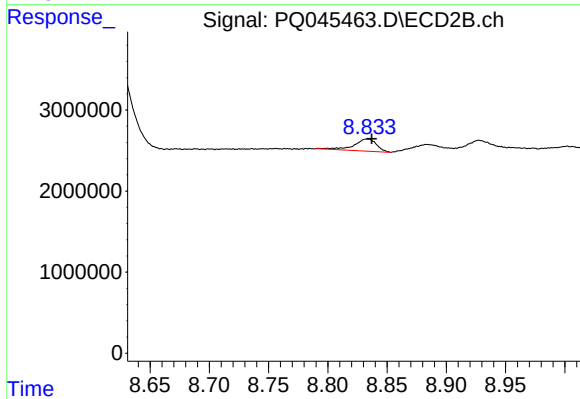
#42 AR-1268-2

R.T.: 8.625 min
Delta R.T.: -0.004 min
Response: 14533216
Conc: 19.11 ng/ml



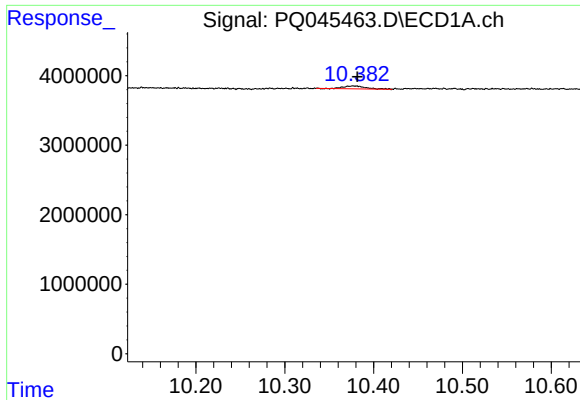
#43 AR-1268-3

R.T.: 9.935 min
Delta R.T.: -0.005 min
Response: 2386298
Conc: 3.40 ng/ml



#43 AR-1268-3

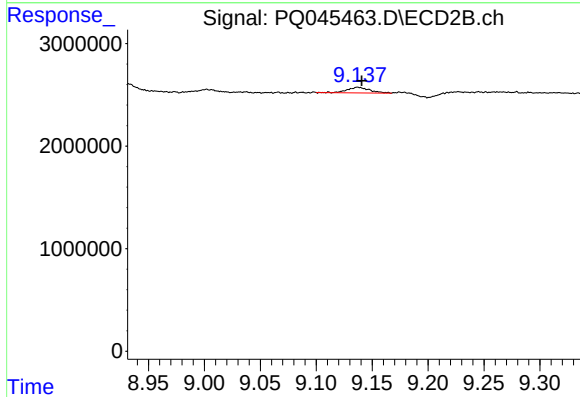
R.T.: 8.834 min
Delta R.T.: -0.004 min
Response: 1974671
Conc: 3.16 ng/ml



#44 AR-1268-4

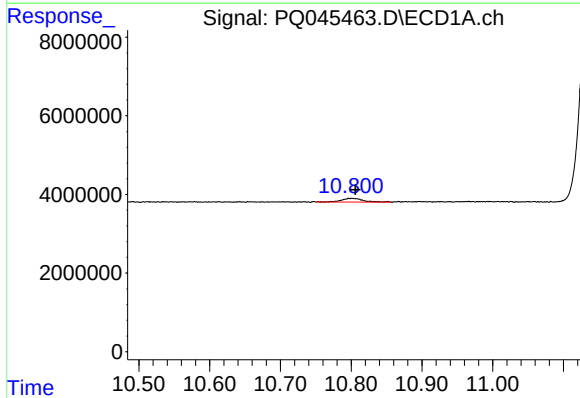
R.T.: 10.378 min
Delta R.T.: -0.004 min
Response: 741025
Conc: 2.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



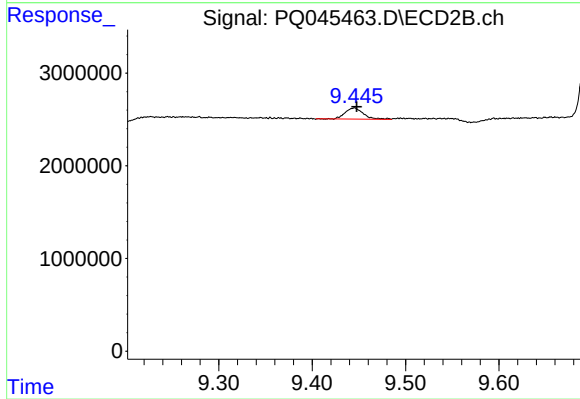
#44 AR-1268-4

R.T.: 9.137 min
Delta R.T.: -0.003 min
Response: 758373
Conc: 2.38 ng/ml



#45 AR-1268-5

R.T.: 10.801 min
Delta R.T.: -0.005 min
Response: 1996343
Conc: 0.74 ng/ml



#45 AR-1268-5

R.T.: 9.445 min
Delta R.T.: -0.003 min
Response: 1622411
Conc: 0.67 ng/ml