

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112519\
 Data File : PQ045403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2019 08:06
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 15:10:17 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	70704089	42670263	21.494	25.017
2)	SA Decachlor...	11.153	9.717	291.2E6	238.2E6	44.624	45.535
Target Compounds							
3)	L1 AR-1016-1	6.411	5.586	1368745	893624	11.120	12.841
4)	L1 AR-1016-2	6.437	5.604	1813620	703457	9.292	6.634 #
5)	L1 AR-1016-3	6.437	5.804	1813620	457298	14.940	8.618 #
6)	L1 AR-1016-4	6.607	5.850	837166	20927791	8.662	447.696 #
7)	L1 AR-1016-5	6.922	6.084	21128277	13167248	207.979	207.626
8)	L2 AR-1221-1	0.000	4.580	0	122767	N.D.	5.874 #
9)	L2 AR-1221-2	5.451	4.672	1297322	572369	48.893	44.588
10)	L2 AR-1221-3	0.000	4.766	0	263421	N.D.	5.491 #
11)	L3 AR-1232-1	0.000	4.766	0	263421	N.D.	7.434 #
12)	L3 AR-1232-2	6.121	5.604	2016703	703457	50.416	15.849 #
13)	L3 AR-1232-3	6.437	5.804	1813620	457298	22.516	20.649
14)	L3 AR-1232-4	6.607	5.894	837166	6540022	21.181	289.820 #
15)	L3 AR-1232-5	6.705	6.084	37503527	13167248	1123.318	542.203 #
16)	L4 AR-1242-1	6.411	5.586	1368745	893624	13.236	15.150
17)	L4 AR-1242-2	6.437	5.604	1813620	703457	11.119	8.024 #
18)	L4 AR-1242-3	6.437	5.804	1813620	457298	17.732	10.148 #
19)	L4 AR-1242-4	6.607	5.894	837166	6540022	10.414	134.739 #
20)	L4 AR-1242-5	7.390	6.465	23471607	58670454	250.116	845.440 #
21)	L5 AR-1248-1	6.411	5.586	1368745	893624	16.892	19.311
22)	L5 AR-1248-2	6.705	5.850	37503527	20927791	295.102	310.469
23)	L5 AR-1248-3	6.922	5.894	21128277	6540022	151.720	92.096 #
24)	L5 AR-1248-4	7.347	6.084	34201765	13167248	210.643	151.391 #
25)	L5 AR-1248-5	7.390	6.509	23471607	7284364	149.838	77.051 #
26)	L6 AR-1254-1	7.319	6.465	67151380	58670454	408.178	404.279
27)	L6 AR-1254-2	7.547	6.623	105.8E6	54020725	403.662	403.777
28)	L6 AR-1254-3	7.928	7.051	115.9E6	97670412	405.352	407.461
29)	L6 AR-1254-4	8.222	7.290	88731200	68641802	409.495	411.096
30)	L6 AR-1254-5	8.652	7.722	115.4E6	106.1E6	468.944	411.609
31)	L7 AR-1260-1	8.095	7.186	49290473	47884723	230.717	312.825 #
32)	L7 AR-1260-2	8.359	7.382	55834286	42701310	229.128	213.761
33)	L7 AR-1260-3	8.714	7.541	14057430	43291066	70.912	235.295 #
34)	L7 AR-1260-4	8.950	8.028	40972007	5311295	179.218	29.275 #
35)	L7 AR-1260-5	9.291	8.274	19121906	13692709	36.746	26.763 #
36)	L8 AR-1262-1	8.786	7.722	4117919	106.1E6	29.782	727.073 #
37)	L8 AR-1262-2	9.291	8.274	19121906	13692709	29.499	21.045 #
38)	L8 AR-1262-3	9.632	8.564	13099669	1077382	28.632	4.044 #
39)	L8 AR-1262-4	9.682	8.628	2863607	15998115	7.854	30.560 #
40)	L8 AR-1262-5	0.000	9.141	0	704440	N.D.	2.561 #
41)	L9 AR-1268-1	9.632	8.564	13099669	1077382	15.502	1.342 #

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 Acq On : 26 Nov 2019 08:06
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

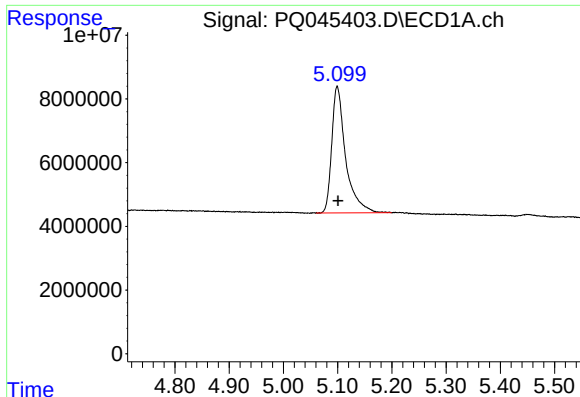
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 15:10:17 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
42) L9	AR-1268-2	9.682	8.628	2863607	15998115	3.462	21.033 #
43) L9	AR-1268-3	9.941	8.838	2617047	2548206	3.728	4.078
44) L9	AR-1268-4	0.000	9.141	0	704440	N.D.	2.213 #
45) L9	AR-1268-5	10.808	9.449	2573555	2611229	0.956	1.082

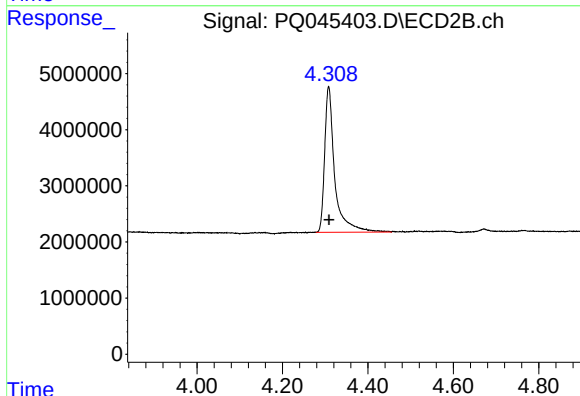
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

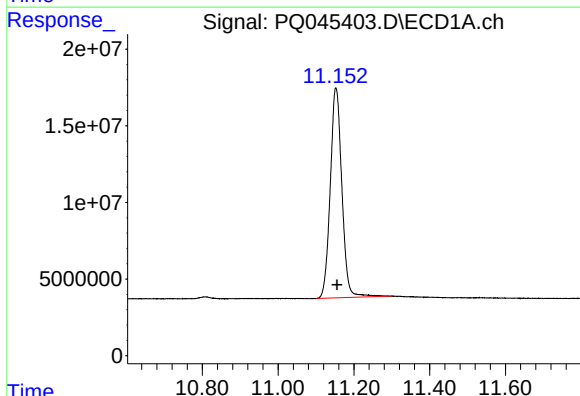
R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 70704089
Conc: 21.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



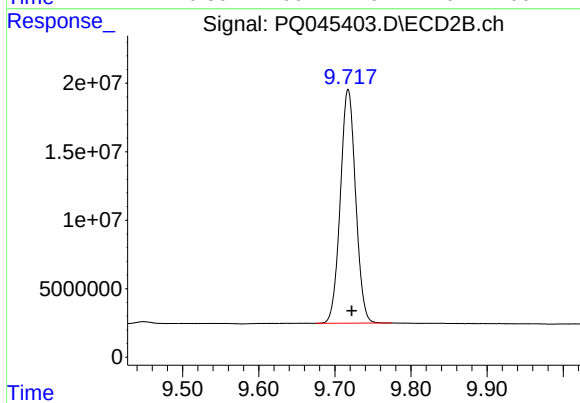
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 42670263
Conc: 25.02 ng/ml



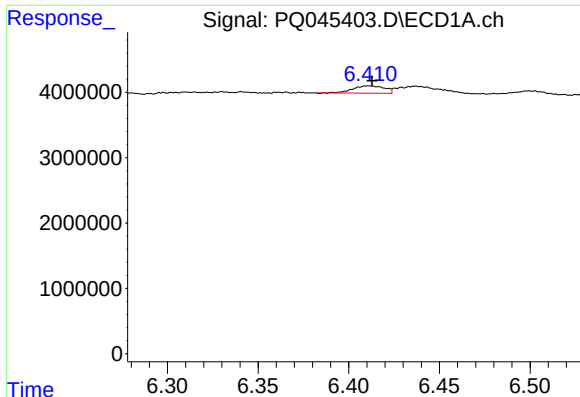
#2 Decachlorobiphenyl

R.T.: 11.153 min
Delta R.T.: -0.003 min
Response: 291189612
Conc: 44.62 ng/ml



#2 Decachlorobiphenyl

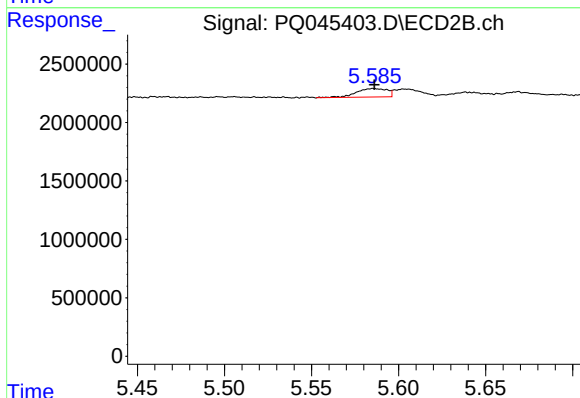
R.T.: 9.717 min
Delta R.T.: -0.005 min
Response: 238248630
Conc: 45.54 ng/ml



#3 AR-1016-1

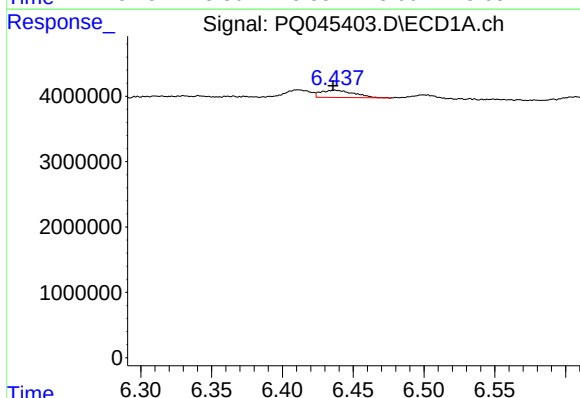
R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 1368745
Conc: 11.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



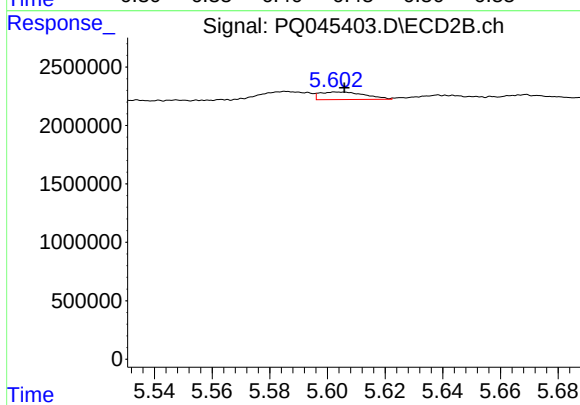
#3 AR-1016-1

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 893624
Conc: 12.84 ng/ml



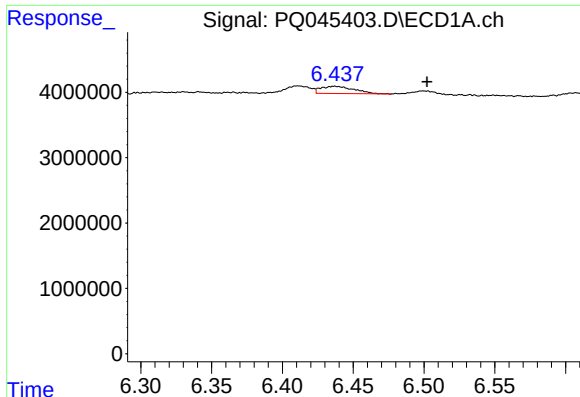
#4 AR-1016-2

R.T.: 6.437 min
Delta R.T.: 0.001 min
Response: 1813620
Conc: 9.29 ng/ml



#4 AR-1016-2

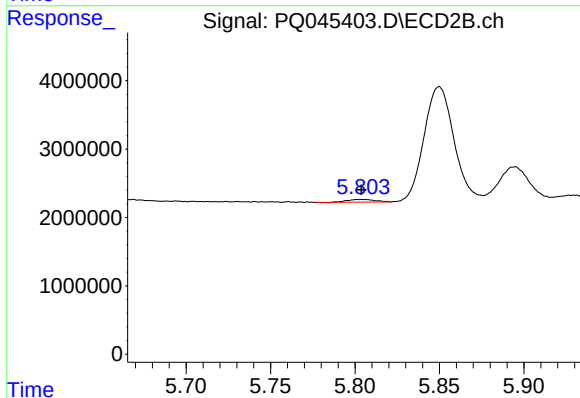
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 703457
Conc: 6.63 ng/ml



#5 AR-1016-3

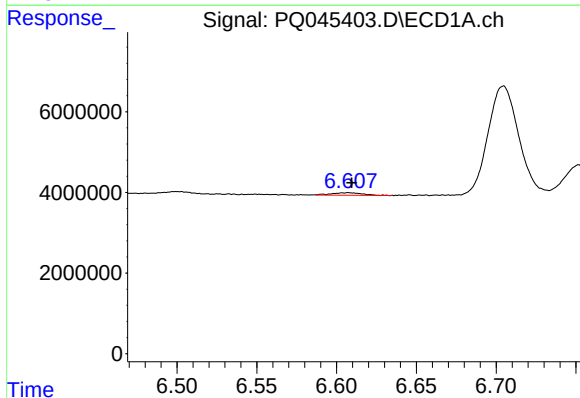
R.T.: 6.437 min
Delta R.T.: -0.065 min
Response: 1813620
Conc: 14.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



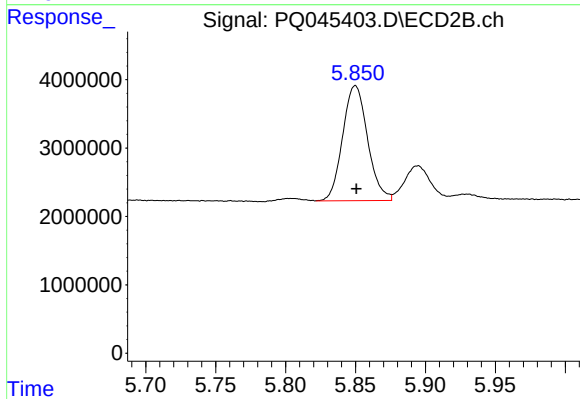
#5 AR-1016-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 457298
Conc: 8.62 ng/ml



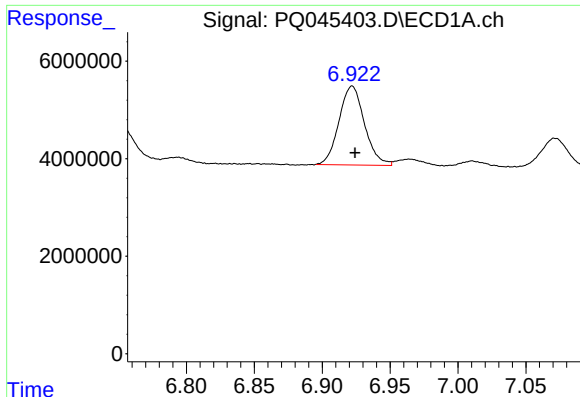
#6 AR-1016-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 837166
Conc: 8.66 ng/ml



#6 AR-1016-4

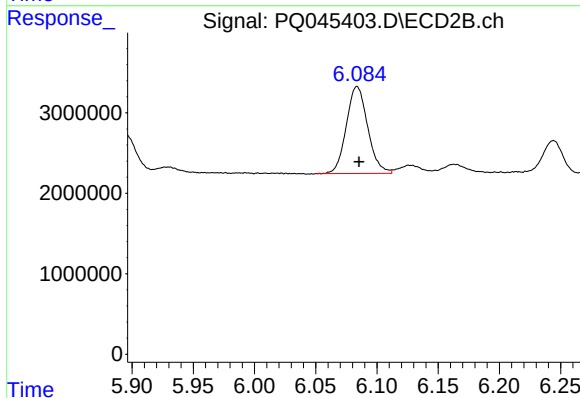
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 20927791
Conc: 447.70 ng/ml



#7 AR-1016-5

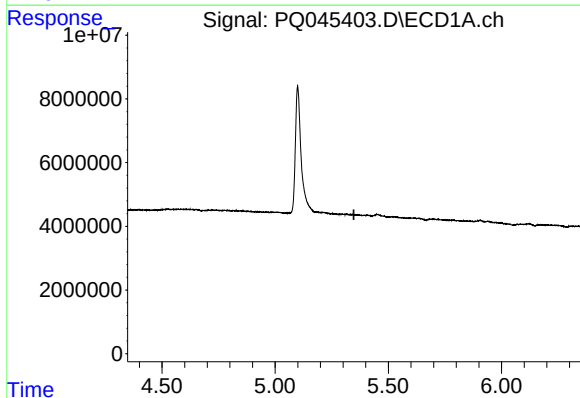
R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 21128277
Conc: 207.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



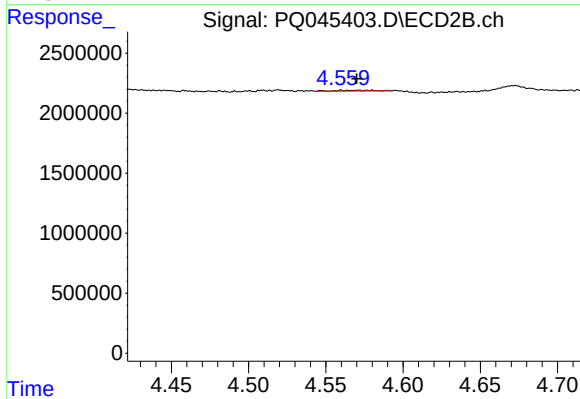
#7 AR-1016-5

R.T.: 6.084 min
Delta R.T.: -0.002 min
Response: 13167248
Conc: 207.63 ng/ml



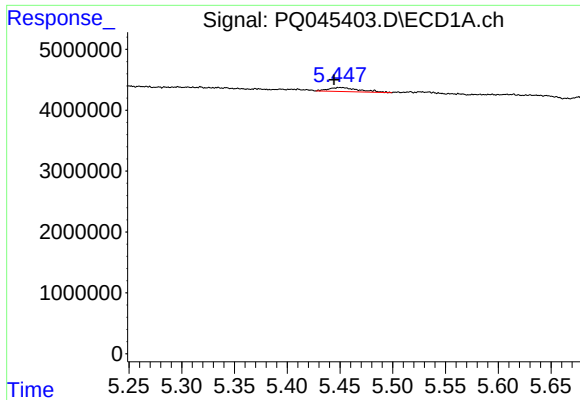
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#8 AR-1221-1

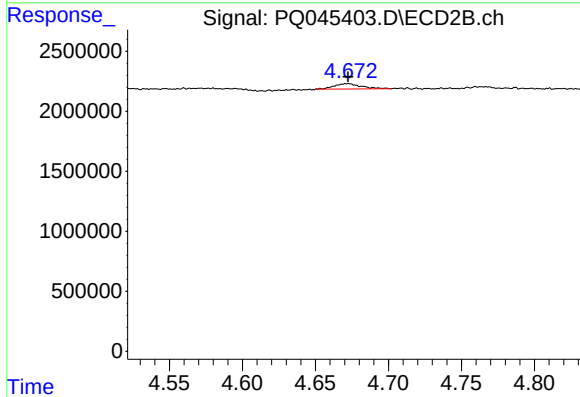
R.T.: 4.580 min
Delta R.T.: 0.010 min
Response: 122767
Conc: 5.87 ng/ml



#9 AR-1221-2

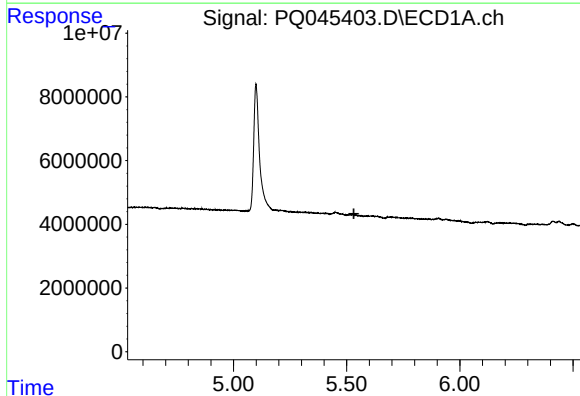
R.T.: 5.451 min
Delta R.T.: 0.006 min
Response: 1297322
Conc: 48.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



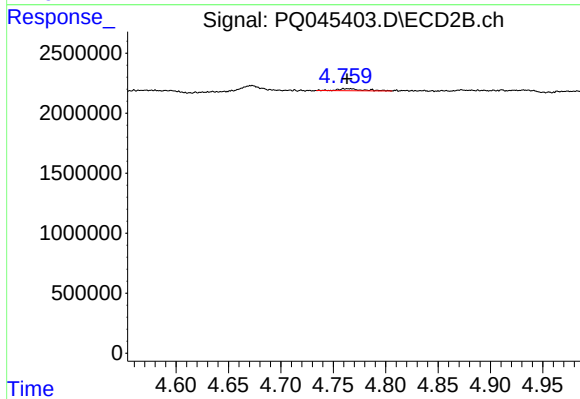
#9 AR-1221-2

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 572369
Conc: 44.59 ng/ml



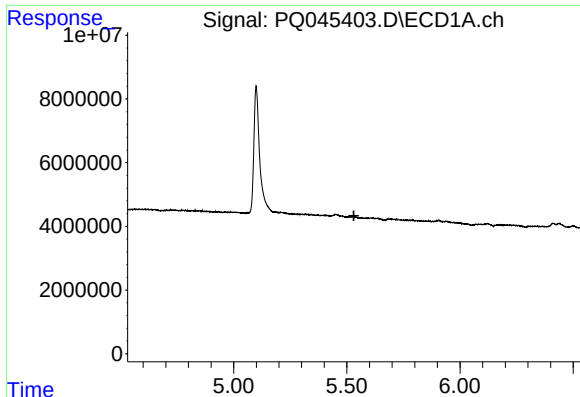
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.532 min
Response: 0
Conc: N.D.



#10 AR-1221-3

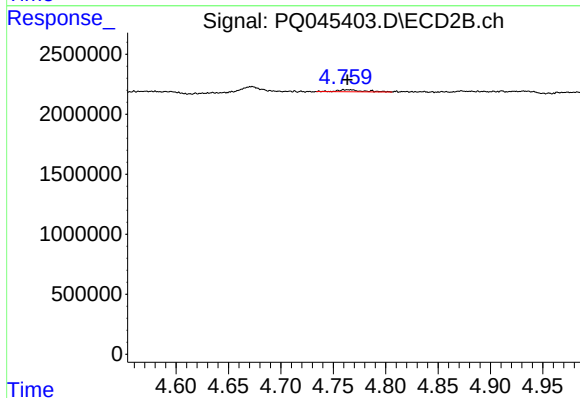
R.T.: 4.766 min
Delta R.T.: 0.003 min
Response: 263421
Conc: 5.49 ng/ml



#11 AR-1232-1

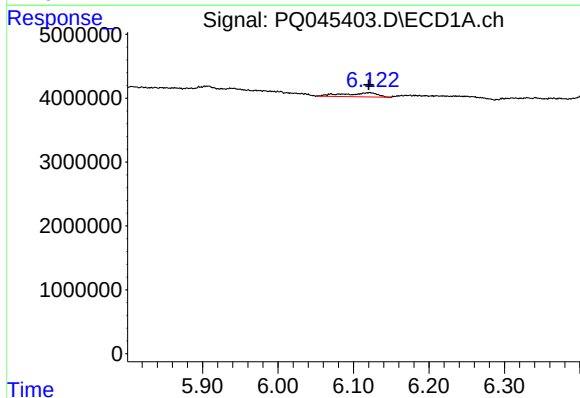
R.T.: 0.000 min
Exp R.T.: 5.531 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



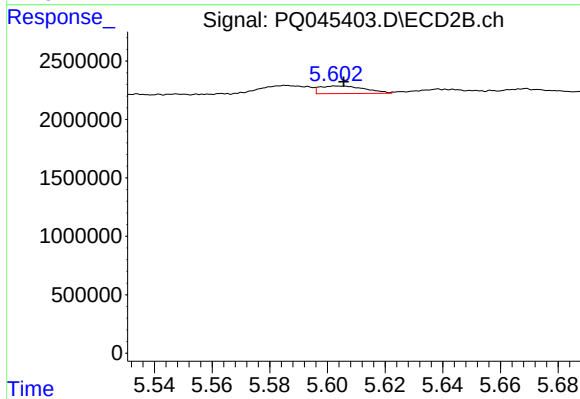
#11 AR-1232-1

R.T.: 4.766 min
Delta R.T.: 0.003 min
Response: 263421
Conc: 7.43 ng/ml



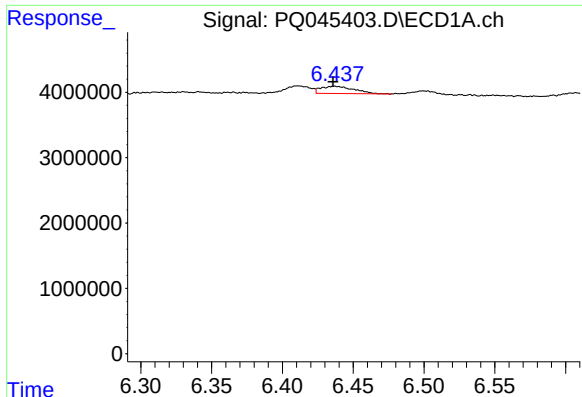
#12 AR-1232-2

R.T.: 6.121 min
Delta R.T.: 0.001 min
Response: 2016703
Conc: 50.42 ng/ml



#12 AR-1232-2

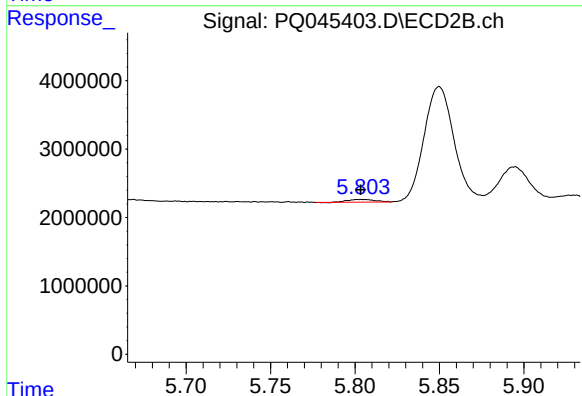
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 703457
Conc: 15.85 ng/ml



#13 AR-1232-3

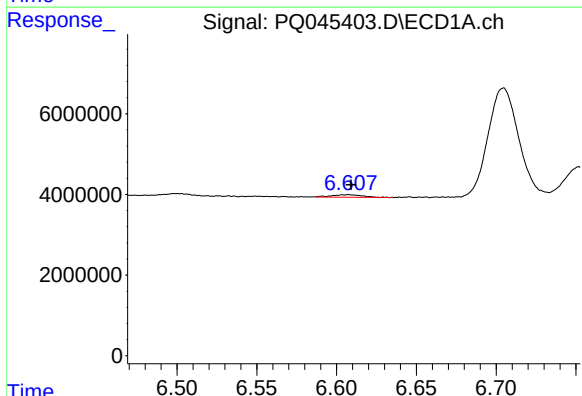
R.T.: 6.437 min
Delta R.T.: 0.001 min
Response: 1813620
Conc: 22.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



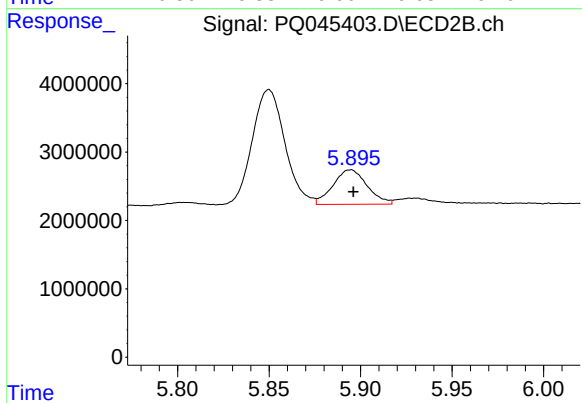
#13 AR-1232-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 457298
Conc: 20.65 ng/ml



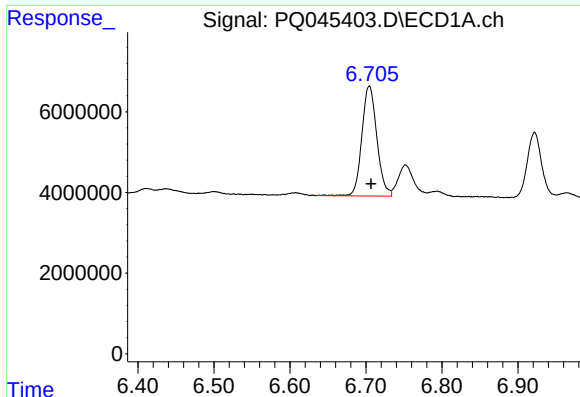
#14 AR-1232-4

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 837166
Conc: 21.18 ng/ml



#14 AR-1232-4

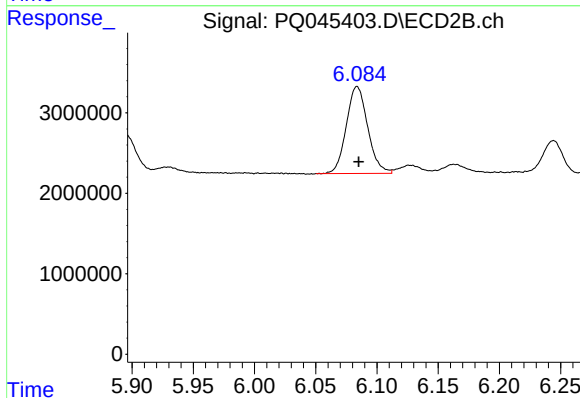
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 6540022
Conc: 289.82 ng/ml



#15 AR-1232-5

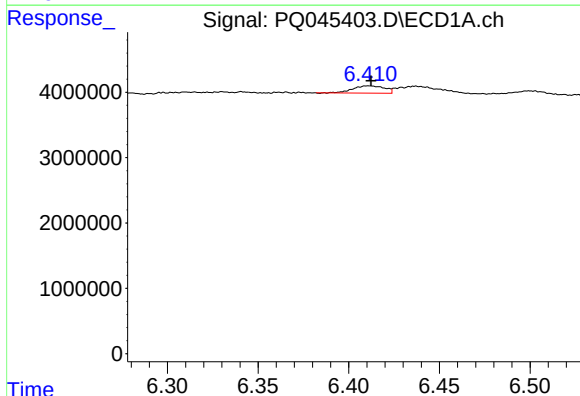
R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 37503527
Conc: 1123.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



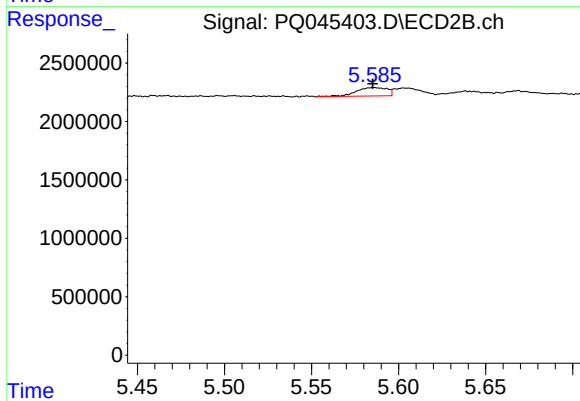
#15 AR-1232-5

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 13167248
Conc: 542.20 ng/ml



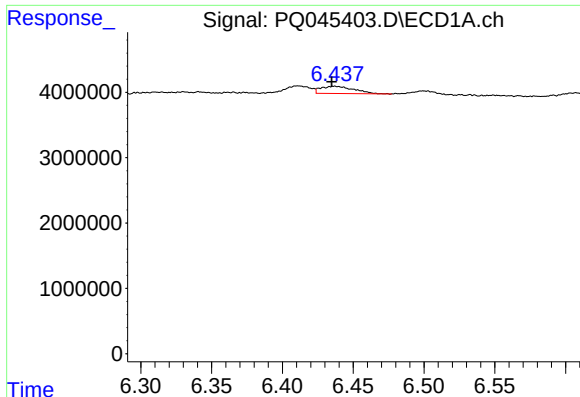
#16 AR-1242-1

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1368745
Conc: 13.24 ng/ml



#16 AR-1242-1

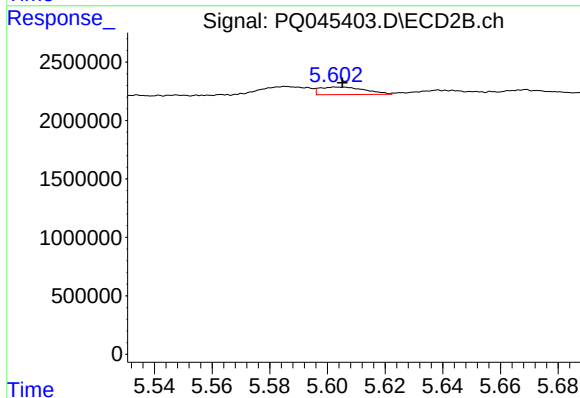
R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 893624
Conc: 15.15 ng/ml



#17 AR-1242-2

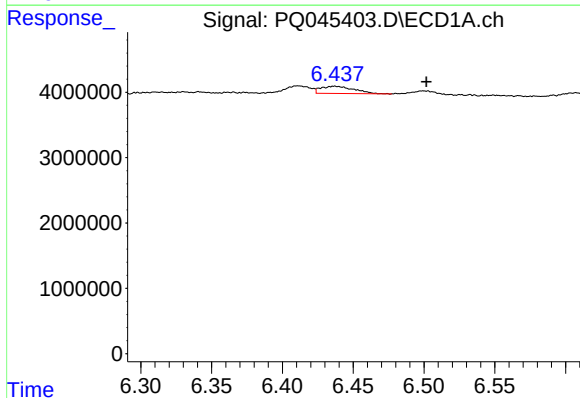
R.T.: 6.437 min
Delta R.T.: 0.002 min
Response: 1813620
Conc: 11.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



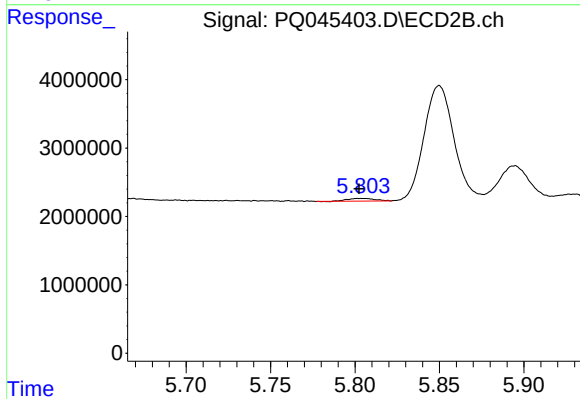
#17 AR-1242-2

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 703457
Conc: 8.02 ng/ml



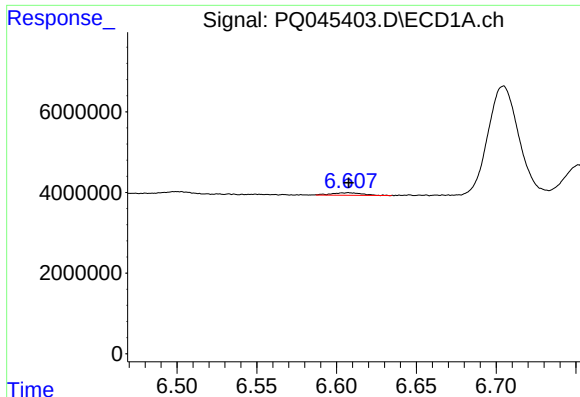
#18 AR-1242-3

R.T.: 6.437 min
Delta R.T.: -0.065 min
Response: 1813620
Conc: 17.73 ng/ml



#18 AR-1242-3

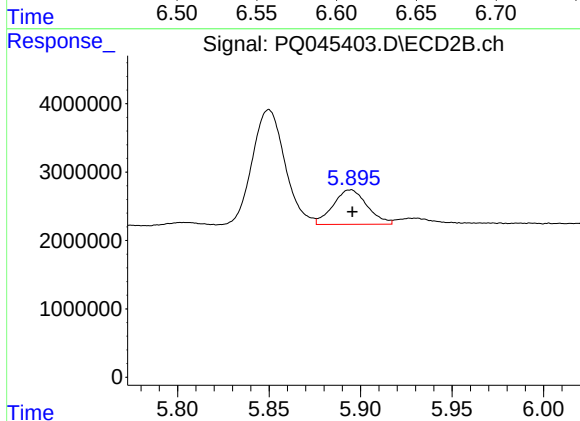
R.T.: 5.804 min
Delta R.T.: 0.001 min
Response: 457298
Conc: 10.15 ng/ml



#19 AR-1242-4

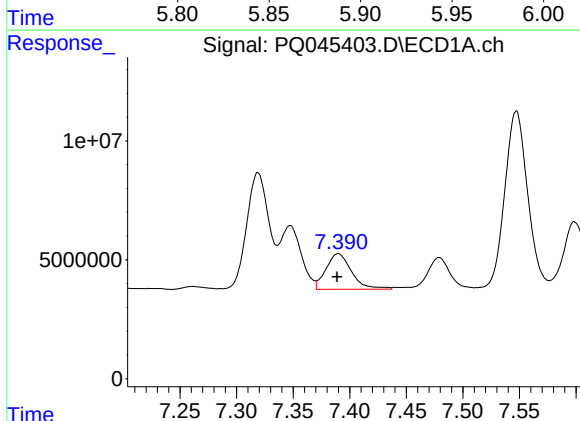
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 837166
Conc: 10.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



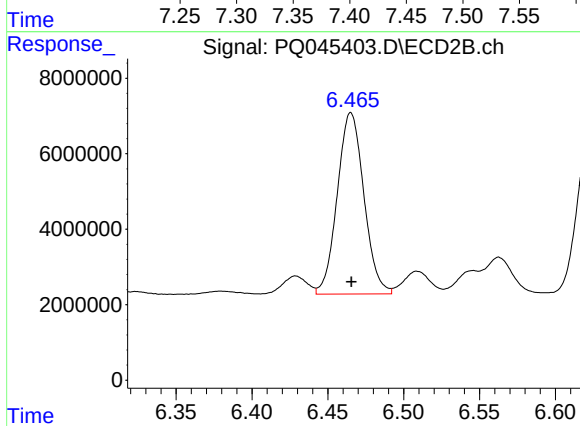
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 6540022
Conc: 134.74 ng/ml



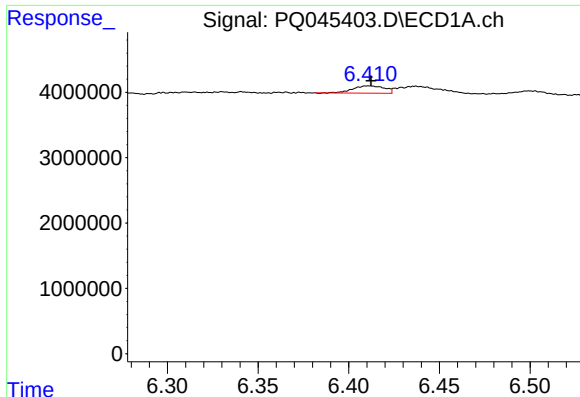
#20 AR-1242-5

R.T.: 7.390 min
Delta R.T.: 0.001 min
Response: 23471607
Conc: 250.12 ng/ml



#20 AR-1242-5

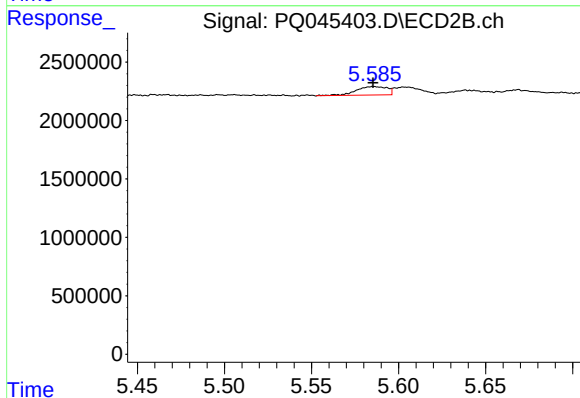
R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 58670454
Conc: 845.44 ng/ml



#21 AR-1248-1

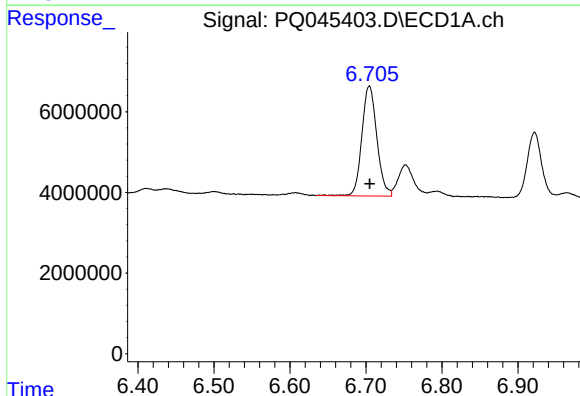
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 1368745
Conc: 16.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



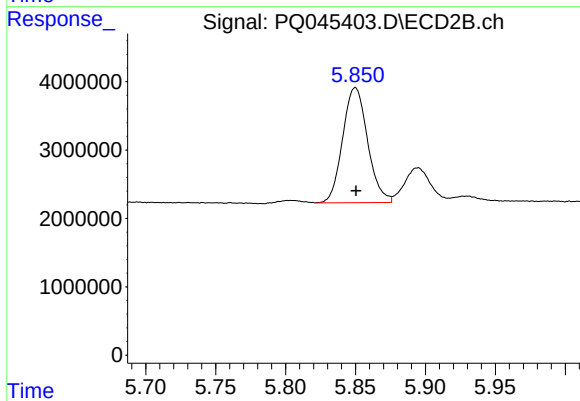
#21 AR-1248-1

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 893624
Conc: 19.31 ng/ml



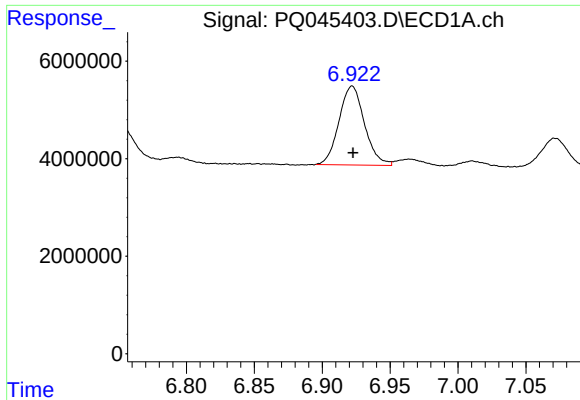
#22 AR-1248-2

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 37503527
Conc: 295.10 ng/ml



#22 AR-1248-2

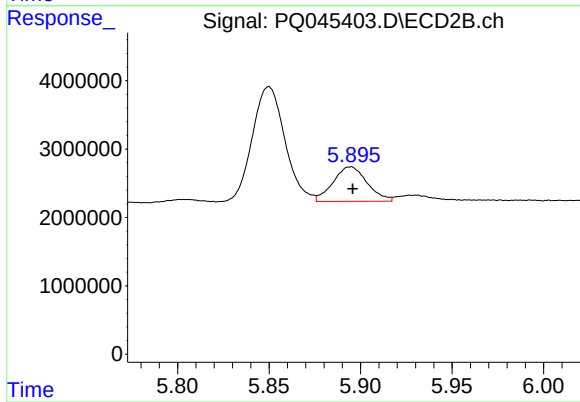
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 20927791
Conc: 310.47 ng/ml



#23 AR-1248-3

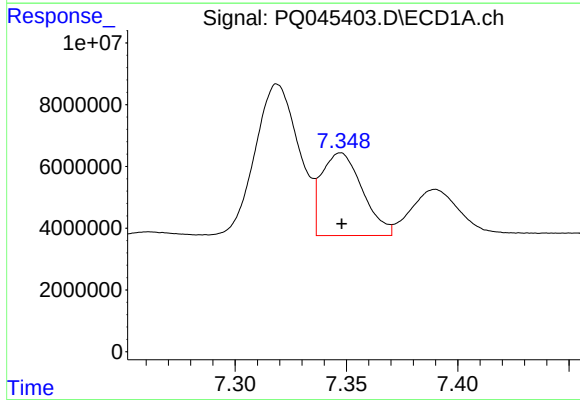
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 21128277
Conc: 151.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



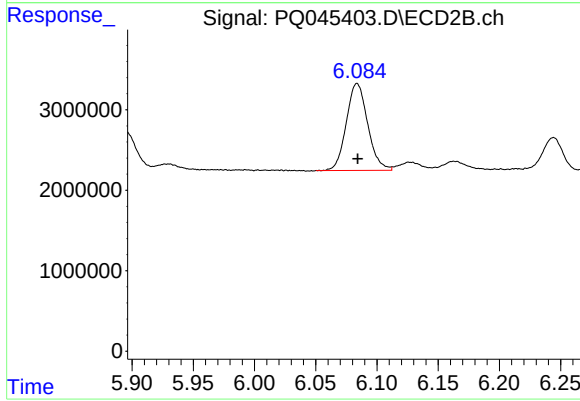
#23 AR-1248-3

R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 6540022
Conc: 92.10 ng/ml



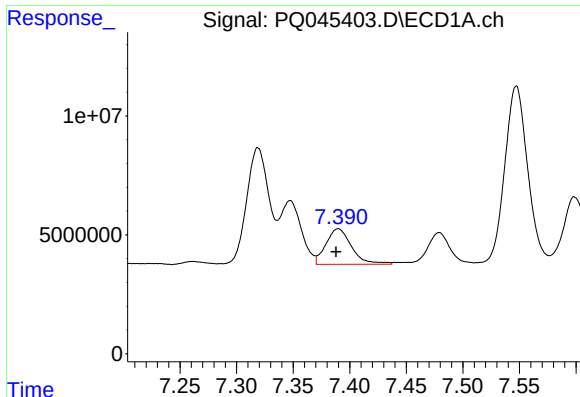
#24 AR-1248-4

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 34201765
Conc: 210.64 ng/ml



#24 AR-1248-4

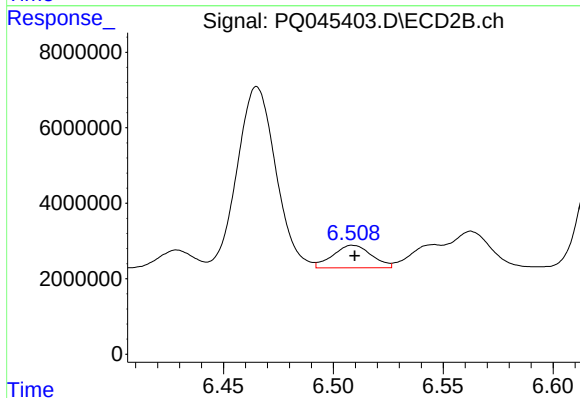
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 13167248
Conc: 151.39 ng/ml



#25 AR-1248-5

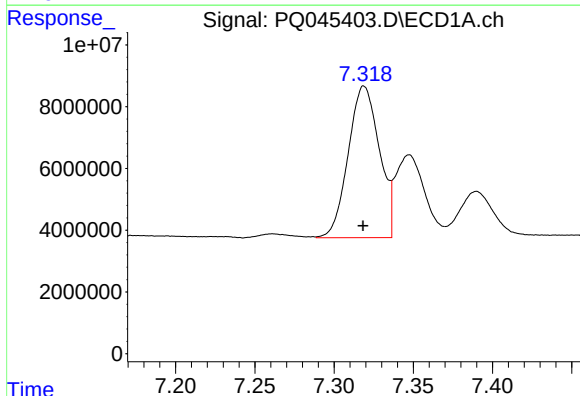
R.T.: 7.390 min
Delta R.T.: 0.002 min
Response: 23471607
Conc: 149.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



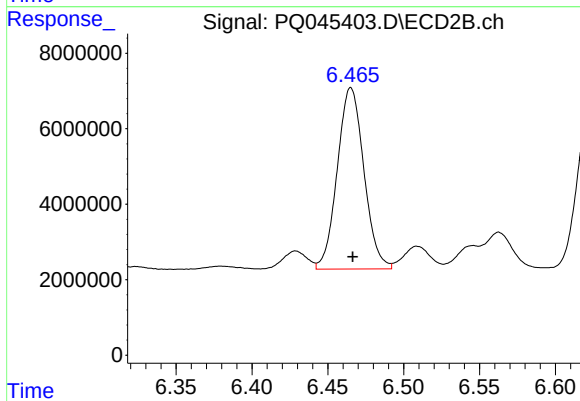
#25 AR-1248-5

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 7284364
Conc: 77.05 ng/ml



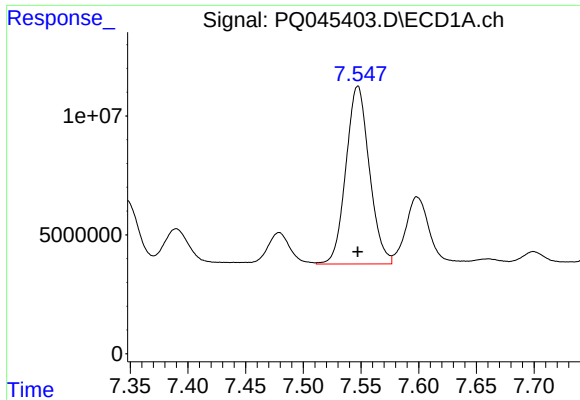
#26 AR-1254-1

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 67151380
Conc: 408.18 ng/ml



#26 AR-1254-1

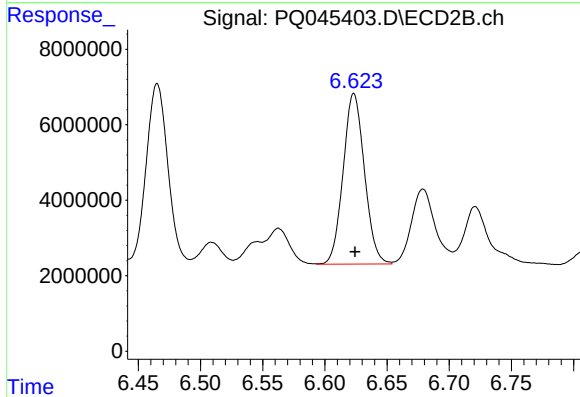
R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 58670454
Conc: 404.28 ng/ml



#27 AR-1254-2

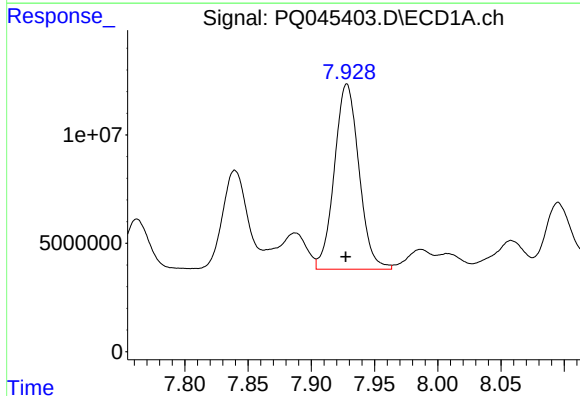
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 105803427
Conc: 403.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



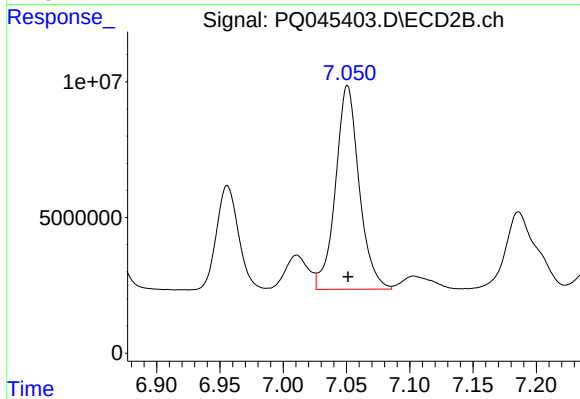
#27 AR-1254-2

R.T.: 6.623 min
Delta R.T.: -0.001 min
Response: 54020725
Conc: 403.78 ng/ml



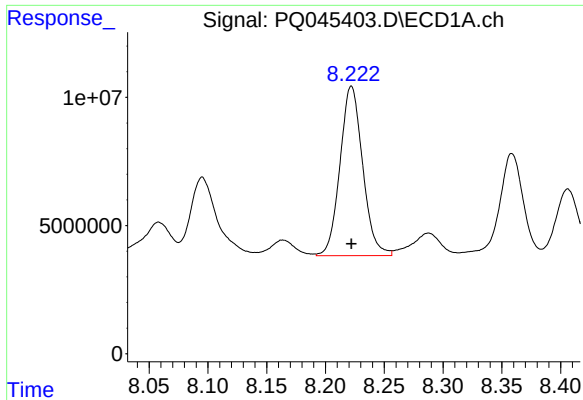
#28 AR-1254-3

R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 115889855
Conc: 405.35 ng/ml



#28 AR-1254-3

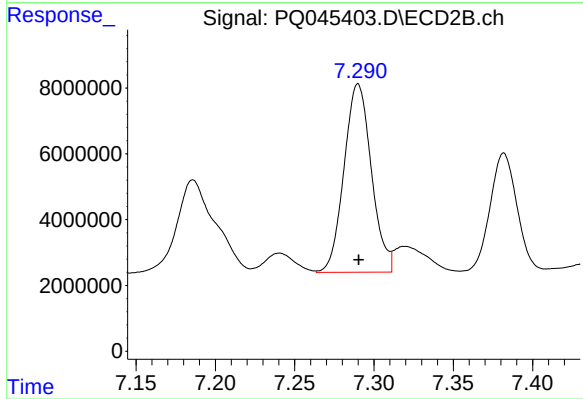
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 97670412
Conc: 407.46 ng/ml



#29 AR-1254-4

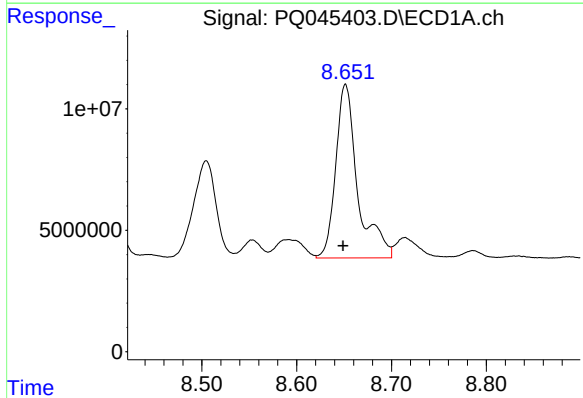
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 88731200
Conc: 409.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



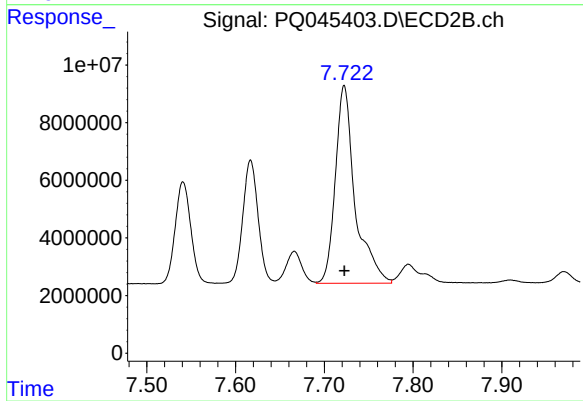
#29 AR-1254-4

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 68641802
Conc: 411.10 ng/ml



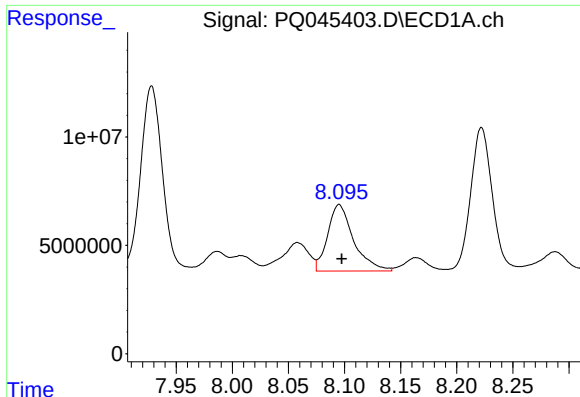
#30 AR-1254-5

R.T.: 8.652 min
Delta R.T.: 0.002 min
Response: 115395634
Conc: 468.94 ng/ml



#30 AR-1254-5

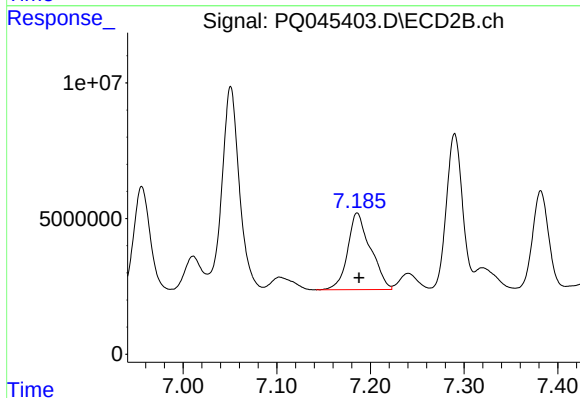
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 106063929
Conc: 411.61 ng/ml



#31 AR-1260-1

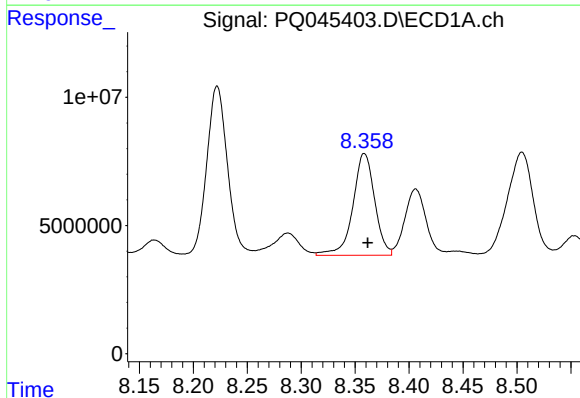
R.T.: 8.095 min
Delta R.T.: -0.002 min
Response: 49290473
Conc: 230.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



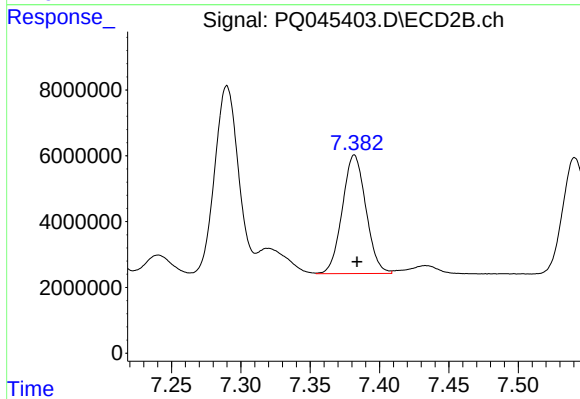
#31 AR-1260-1

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 47884723
Conc: 312.82 ng/ml



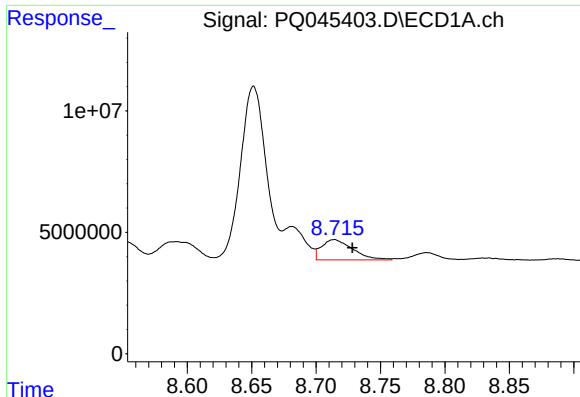
#32 AR-1260-2

R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 55834286
Conc: 229.13 ng/ml



#32 AR-1260-2

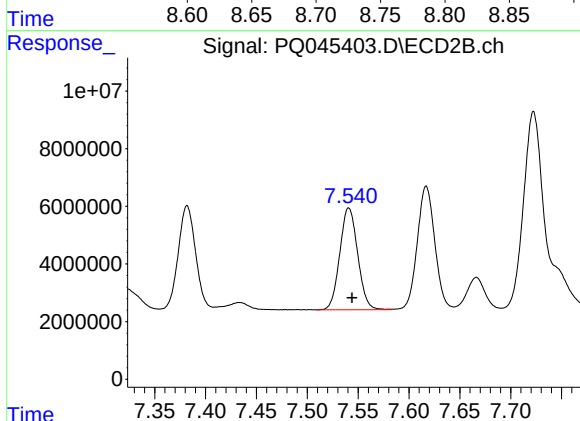
R.T.: 7.382 min
Delta R.T.: -0.002 min
Response: 42701310
Conc: 213.76 ng/ml



#33 AR-1260-3

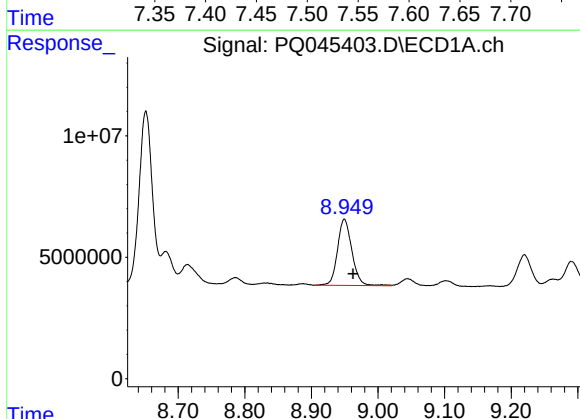
R.T.: 8.714 min
Delta R.T.: -0.014 min
Response: 14057430
Conc: 70.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



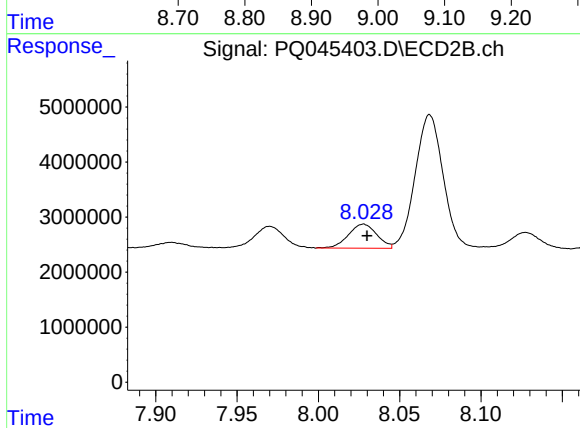
#33 AR-1260-3

R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 43291066
Conc: 235.29 ng/ml



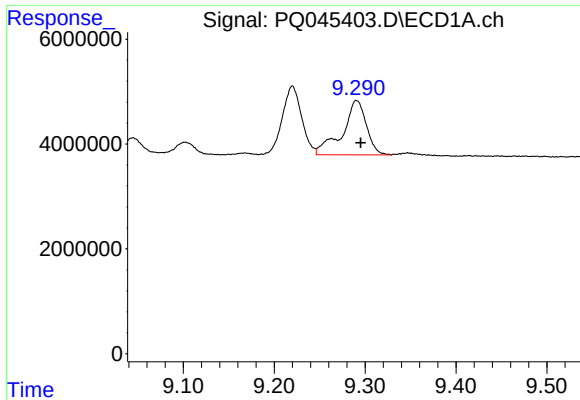
#34 AR-1260-4

R.T.: 8.950 min
Delta R.T.: -0.013 min
Response: 40972007
Conc: 179.22 ng/ml



#34 AR-1260-4

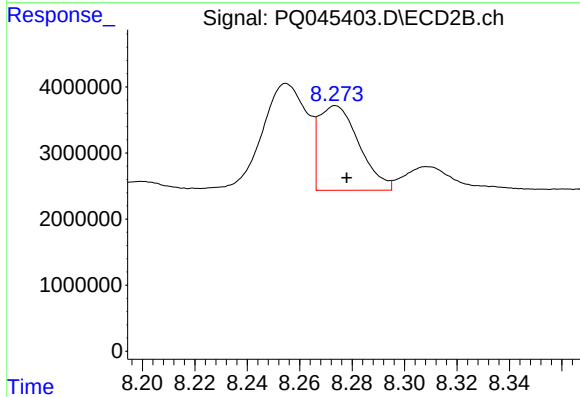
R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 5311295
Conc: 29.27 ng/ml



#35 AR-1260-5

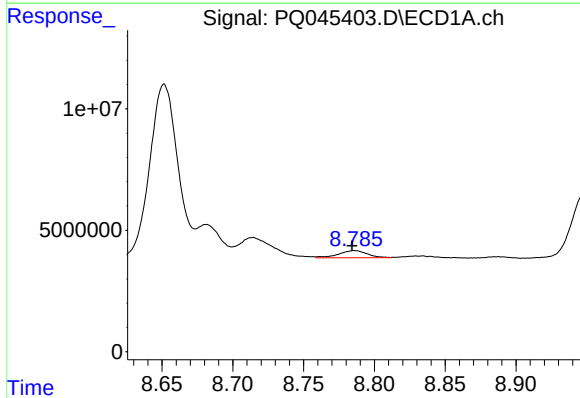
R.T.: 9.291 min
Delta R.T.: -0.004 min
Response: 19121906
Conc: 36.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



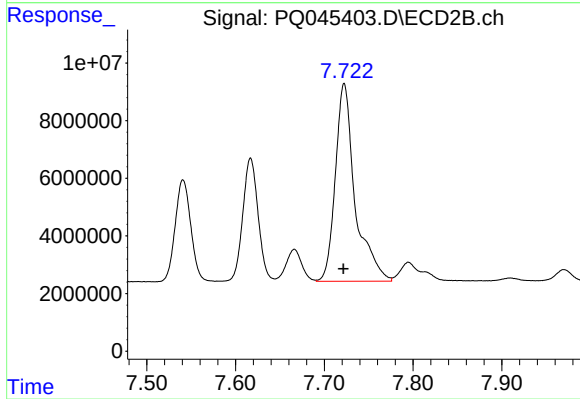
#35 AR-1260-5

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 13692709
Conc: 26.76 ng/ml



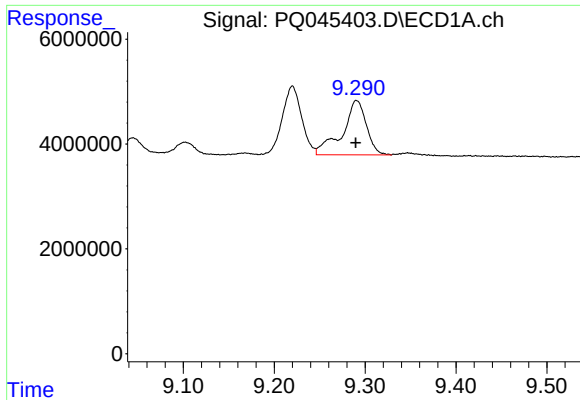
#36 AR-1262-1

R.T.: 8.786 min
Delta R.T.: 0.002 min
Response: 4117919
Conc: 29.78 ng/ml



#36 AR-1262-1

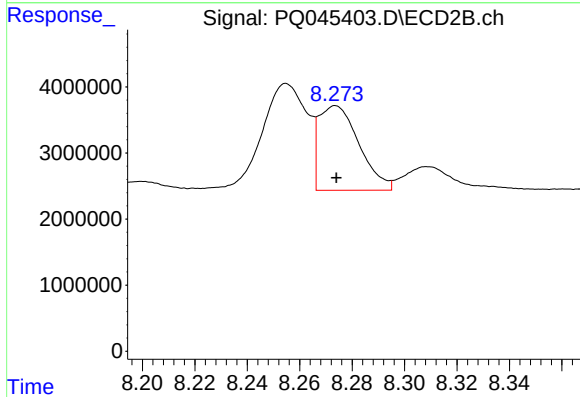
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 106063929
Conc: 727.07 ng/ml



#37 AR-1262-2

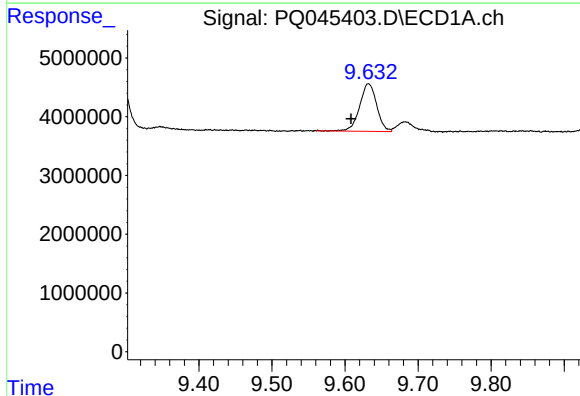
R.T.: 9.291 min
Delta R.T.: 0.001 min
Response: 19121906
Conc: 29.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



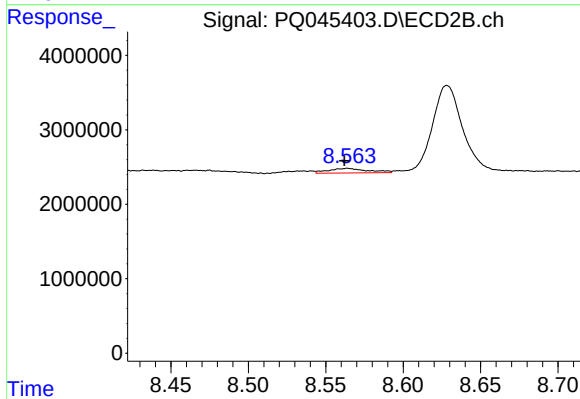
#37 AR-1262-2

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 13692709
Conc: 21.05 ng/ml



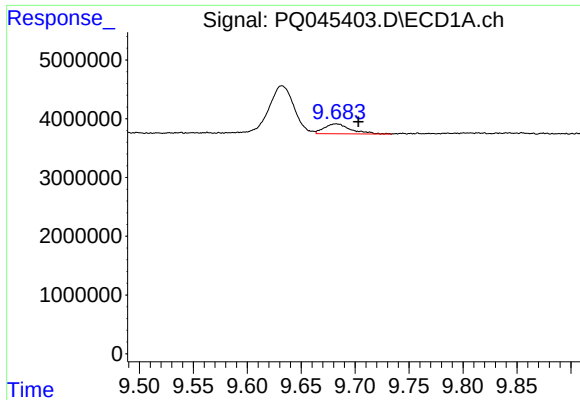
#38 AR-1262-3

R.T.: 9.632 min
Delta R.T.: 0.024 min
Response: 13099669
Conc: 28.63 ng/ml



#38 AR-1262-3

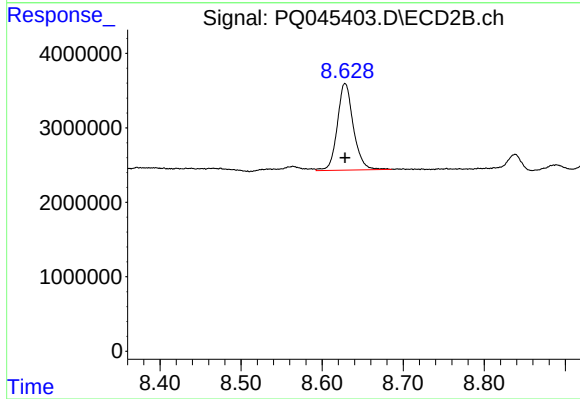
R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 1077382
Conc: 4.04 ng/ml



#39 AR-1262-4

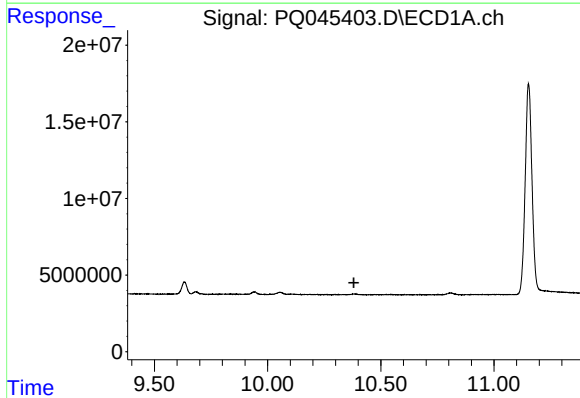
R.T.: 9.682 min
Delta R.T.: -0.021 min
Response: 2863607
Conc: 7.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



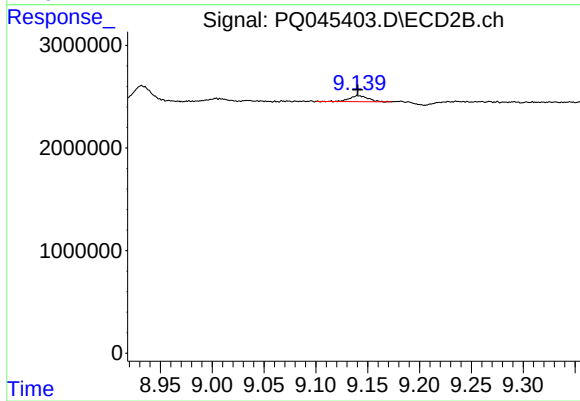
#39 AR-1262-4

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 15998115
Conc: 30.56 ng/ml



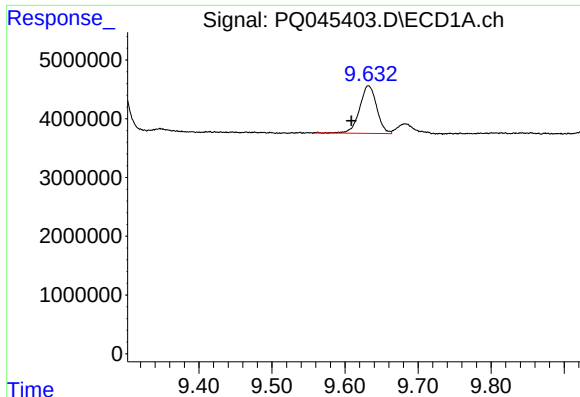
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.381 min
Response: 0
Conc: N.D.



#40 AR-1262-5

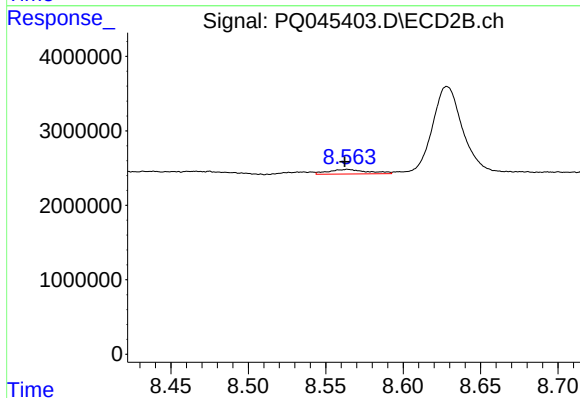
R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 704440
Conc: 2.56 ng/ml



#41 AR-1268-1

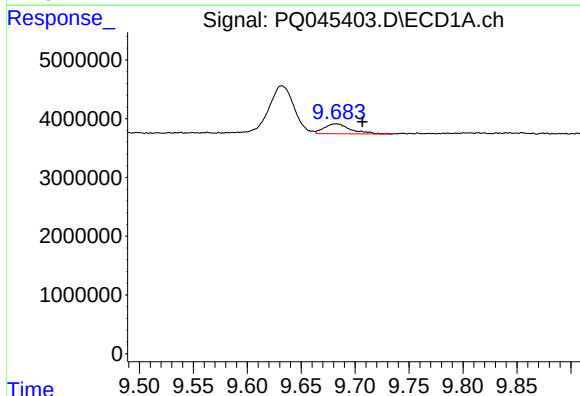
R.T.: 9.632 min
Delta R.T.: 0.024 min
Response: 13099669
Conc: 15.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



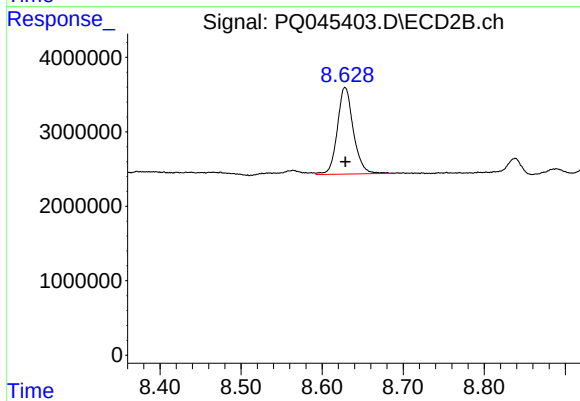
#41 AR-1268-1

R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 1077382
Conc: 1.34 ng/ml



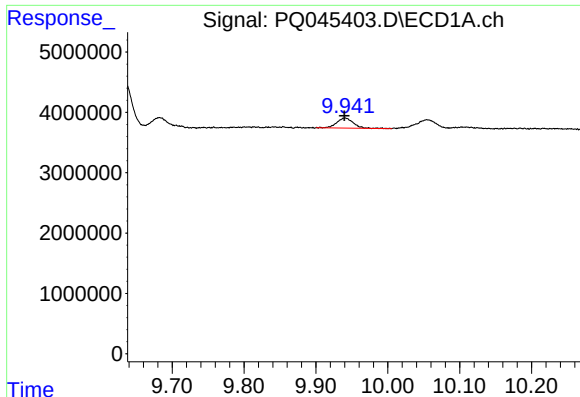
#42 AR-1268-2

R.T.: 9.682 min
Delta R.T.: -0.025 min
Response: 2863607
Conc: 3.46 ng/ml



#42 AR-1268-2

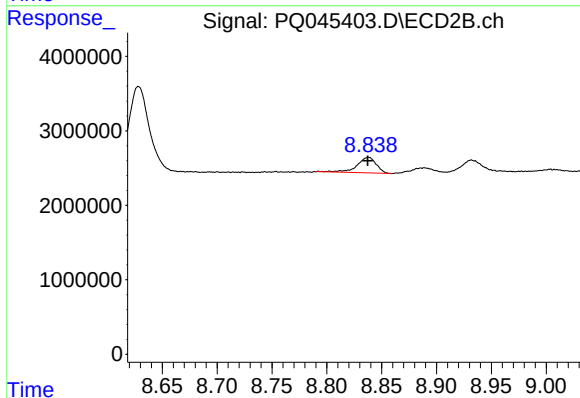
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 15998115
Conc: 21.03 ng/ml



#43 AR-1268-3

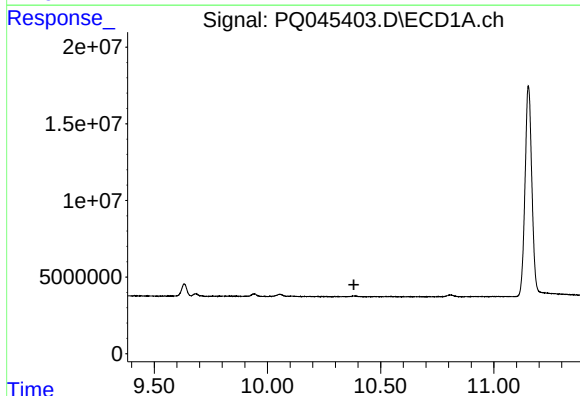
R.T.: 9.941 min
Delta R.T.: 0.000 min
Response: 2617047
Conc: 3.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



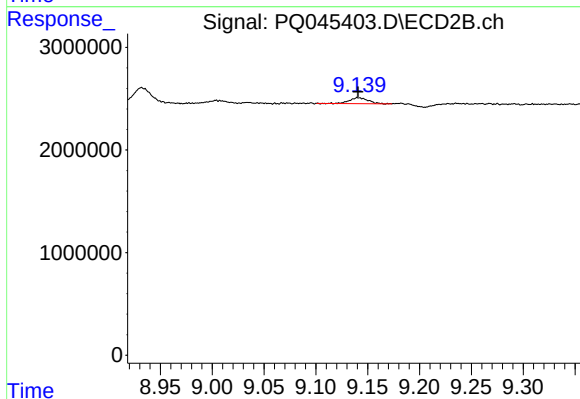
#43 AR-1268-3

R.T.: 8.838 min
Delta R.T.: 0.000 min
Response: 2548206
Conc: 4.08 ng/ml



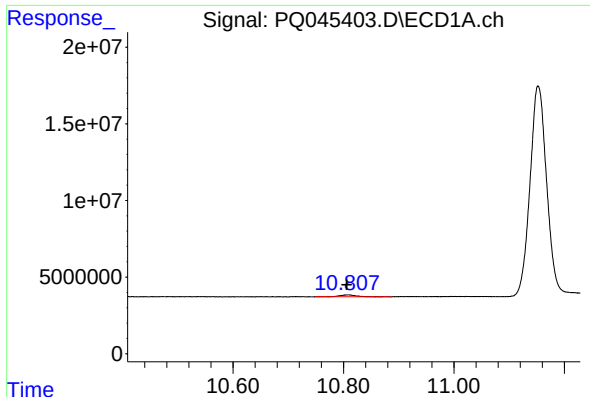
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.382 min
Response: 0
Conc: N.D.



#44 AR-1268-4

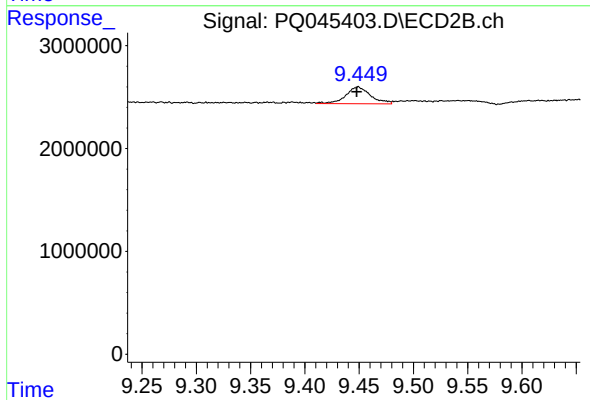
R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 704440
Conc: 2.21 ng/ml



#45 AR-1268-5

R.T.: 10.808 min
Delta R.T.: 0.002 min
Response: 2573555
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.449 min
Delta R.T.: 0.001 min
Response: 2611229
Conc: 1.08 ng/ml