

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051819\
 Data File : PQ039883.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2019 23:41
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248320

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:36:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 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...	5.617	4.735	146.1E6	106.3E6	21.676	22.129
2)	SA Decachlor...	11.961	10.474	241.1E6	157.5E6	38.608	40.786
Target Compounds							
3)	L1 AR-1016-1	7.069	6.187	52456317	40166923	162.477	158.145
4)	L1 AR-1016-2	7.093	6.208	63071383	43104784	133.141	118.554
5)	L1 AR-1016-3	7.164	6.424	31859549	27700881	112.412	151.062 #
6)	L1 AR-1016-4	7.276	6.477	33836804	53200874	145.589	410.780 #
7)	L1 AR-1016-5	7.611	6.729	78464740	66879274	350.923	355.607
9)	L2 AR-1221-2	6.010	5.157	3162615	4619491	65.602	135.352 #
10)	L2 AR-1221-3	6.106	5.262	7359621	5750026	44.744	47.338
11)	L3 AR-1232-1	6.106	5.262	7359621	5750026	58.946	61.950
12)	L3 AR-1232-2	6.751	6.208	23370053	43104784	386.452	465.430
13)	L3 AR-1232-3	7.093	6.424	63071383	27700881	506.097	560.688
14)	L3 AR-1232-4	7.276	6.526	33836804	54785282	549.034	1330.700 #
15)	L3 AR-1232-5	7.383	6.729	67068684	66879274	1684.063	1487.560
16)	L4 AR-1242-1	7.069	6.187	52456317	40166923	333.984	325.347
17)	L4 AR-1242-2	7.093	6.208	63071383	43104784	272.855	244.992
18)	L4 AR-1242-3	7.164	6.424	31859549	27700881	229.949	305.039 #
19)	L4 AR-1242-4	7.276	6.526	33836804	54785282	297.121	647.345 #
20)	L4 AR-1242-5	8.100	7.139	84674082	94492794	700.694	881.329 #
21)	L5 AR-1248-1	7.069	6.187	52456317	40166923	403.932	397.499
22)	L5 AR-1248-2	7.383	6.477	67068684	53200874	408.497	420.141
23)	L5 AR-1248-3	7.611	6.526	78464740	54785282	404.260	413.057
24)	L5 AR-1248-4	8.059	6.729	85995185	66879274	398.452	408.216
25)	L5 AR-1248-5	8.100	7.185	84674082	65917354	406.205	406.799
26)	L6 AR-1254-1	8.027	7.139	66800920	94492794	289.376	356.781
27)	L6 AR-1254-2	8.271	7.306	85862808	27263023	238.256	119.426 #
28)	L6 AR-1254-3	8.661	7.754	46864482	41225368	123.445	111.573
29)	L6 AR-1254-4	8.964	8.004	30327940	27129394	111.117	118.202
30)	L6 AR-1254-5	9.402	8.449	7881170	8953749	26.225	28.759
31)	L7 AR-1260-1	8.834	7.911	5543964	19747903	12.425	53.607 #
32)	L7 AR-1260-2	9.100	8.098	6995505	3948284	13.016	8.679 #
33)	L7 AR-1260-3	9.475	8.262	2617516	4600035	6.524	10.951 #
34)	L7 AR-1260-4	9.711	8.759	4344324	964824	9.446	2.915 #
35)	L7 AR-1260-5	10.058	9.011	3029849	2845608	3.143	3.469
36)	L8 AR-1262-1	9.540	8.524	844140	1175189	5.502	8.792 #
37)	L8 AR-1262-2	10.058	9.011	3029849	2845608	4.481	4.750
38)	L8 AR-1262-3	10.389	9.303	1563081	854082	3.403	3.705
39)	L8 AR-1262-4	10.483	9.372	1451600	1984334	3.944	4.667
40)	L8 AR-1262-5	11.185	9.893	546307	689545	2.272	3.850 #
41)	L9 AR-1268-1	10.389	9.303	1563081	854082	1.291	0.826 #
42)	L9 AR-1268-2	10.483	9.372	1451600	1984334	1.261	2.074 #
43)	L9 AR-1268-3	10.723	9.580	3744685	2397906	3.691	2.982

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Integration File signal 1: autoint1.e
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 Quant Time: May 18 01:36:32 2019
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 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 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
44) L9	AR-1268-4	11.185	9.893	546307	689545	1.446	2.299 #
45) L9	AR-1268-5	11.612	10.204	2756104	2152243	0.832	0.875

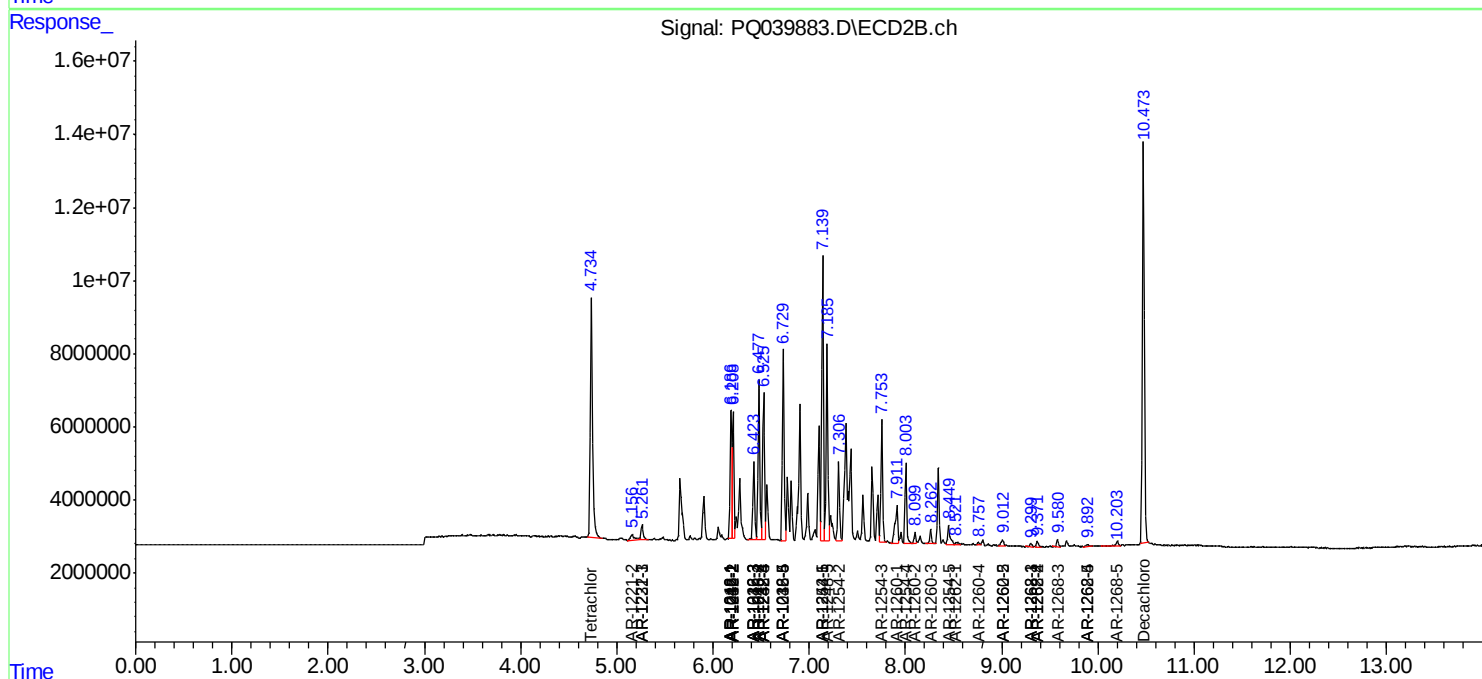
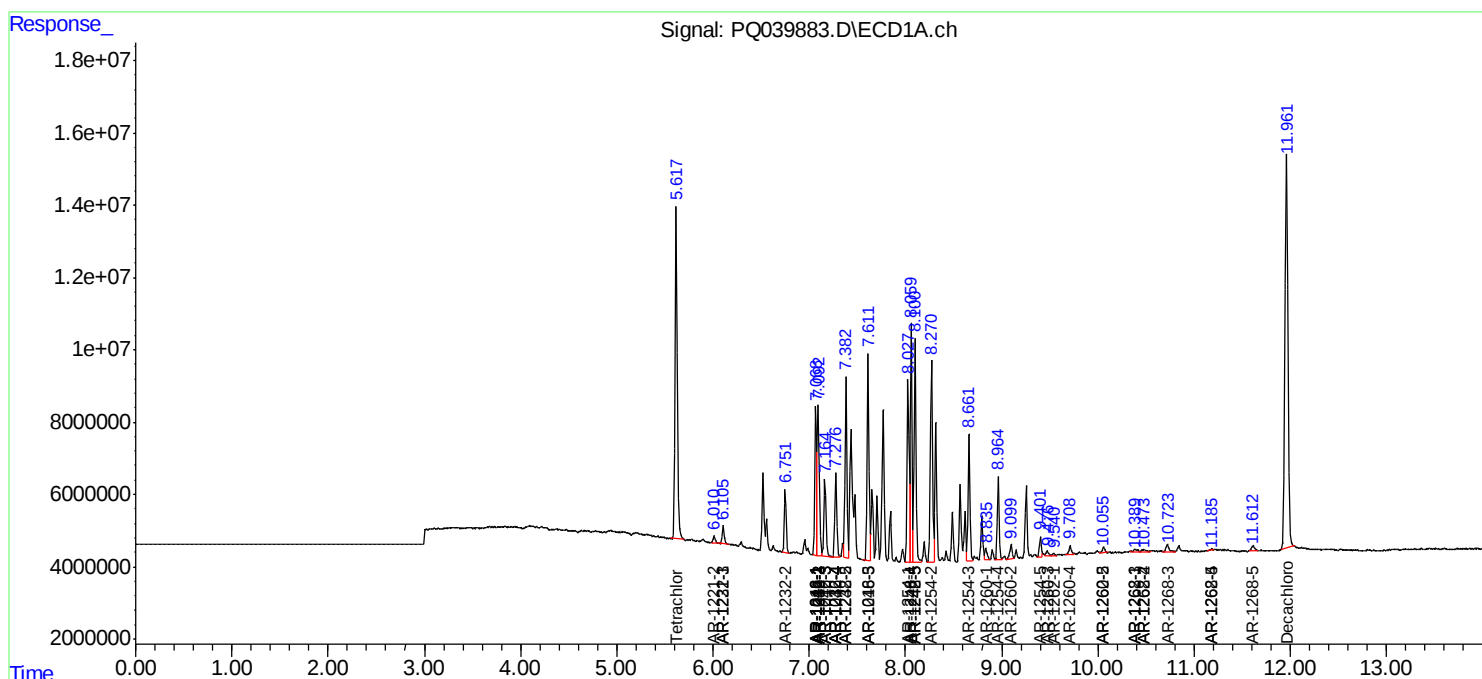
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

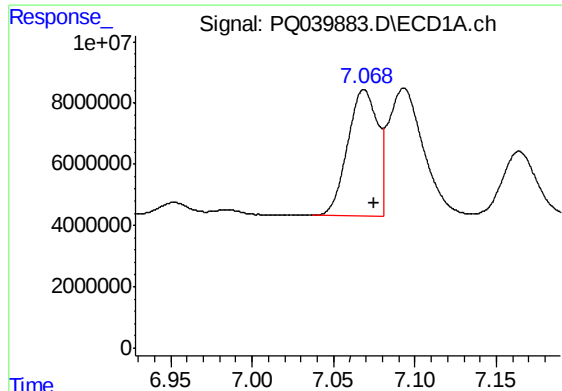
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051819\
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

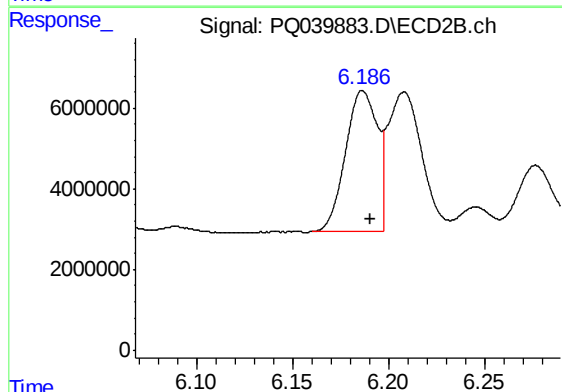




#3 AR-1016-1

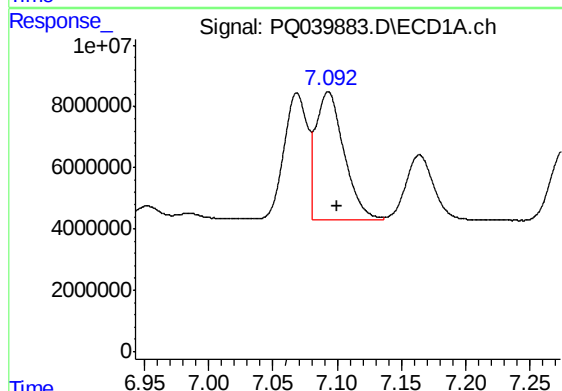
R.T.: 7.069 min
Delta R.T.: -0.006 min
Response: 52456317
Conc: 162.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



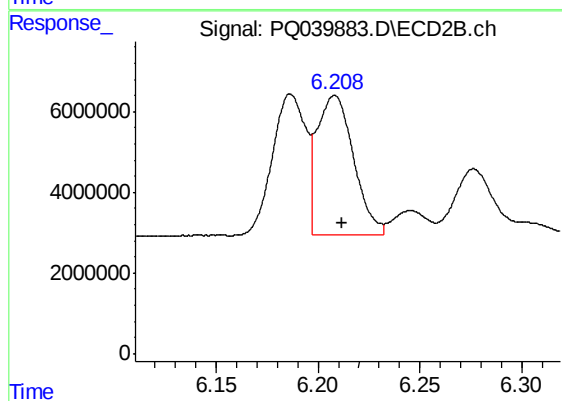
#3 AR-1016-1

R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 40166923
Conc: 158.14 ng/ml



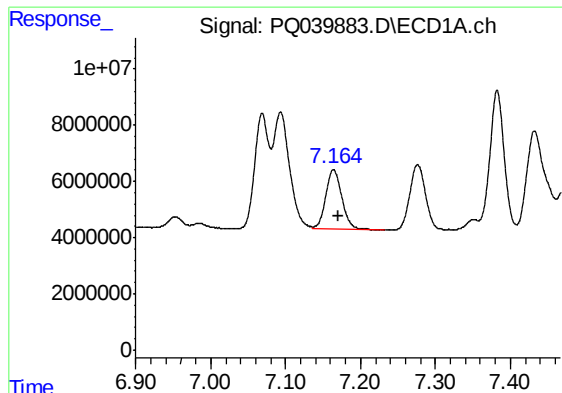
#4 AR-1016-2

R.T.: 7.093 min
Delta R.T.: -0.007 min
Response: 63071383
Conc: 133.14 ng/ml



#4 AR-1016-2

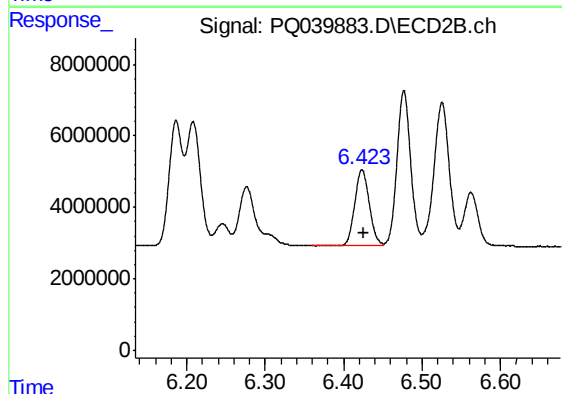
R.T.: 6.208 min
Delta R.T.: -0.004 min
Response: 43104784
Conc: 118.55 ng/ml



#5 AR-1016-3

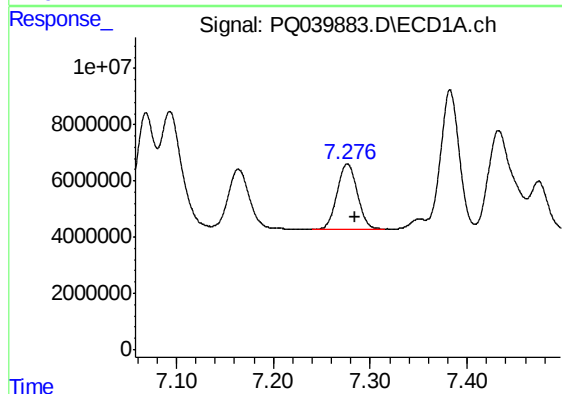
R.T.: 7.164 min
Delta R.T.: -0.007 min
Response: 31859549
Conc: 112.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



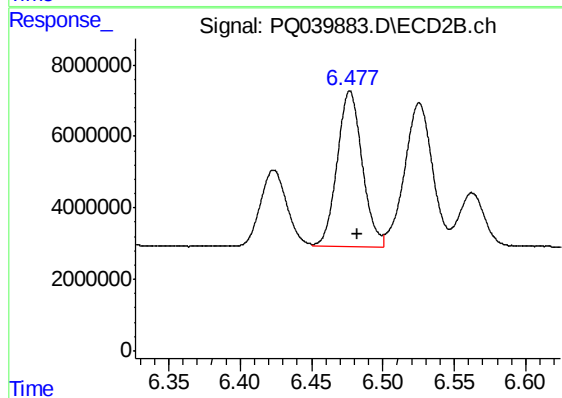
#5 AR-1016-3

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 27700881
Conc: 151.06 ng/ml



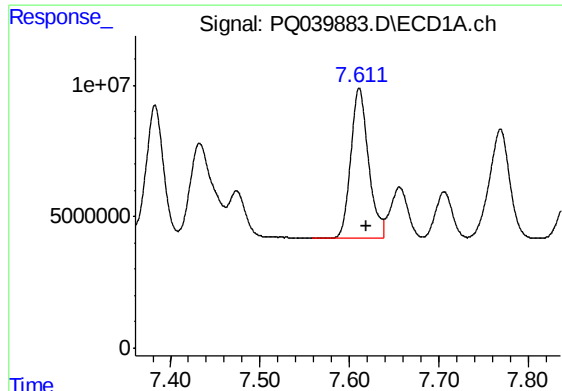
#6 AR-1016-4

R.T.: 7.276 min
Delta R.T.: -0.008 min
Response: 33836804
Conc: 145.59 ng/ml



#6 AR-1016-4

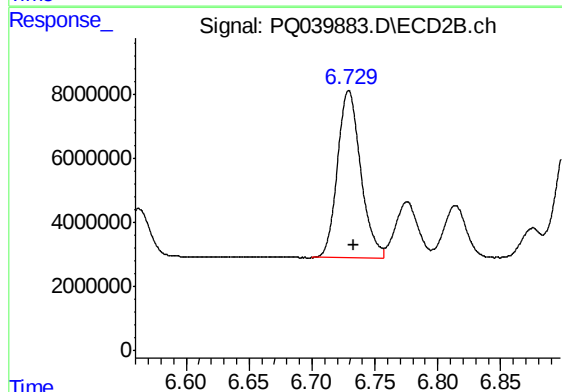
R.T.: 6.477 min
Delta R.T.: -0.005 min
Response: 53200874
Conc: 410.78 ng/ml



#7 AR-1016-5

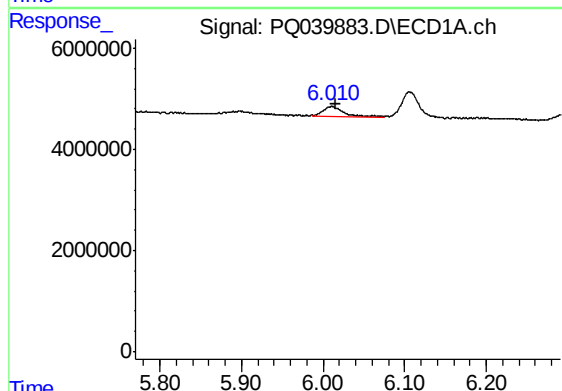
R.T.: 7.611 min
Delta R.T.: -0.008 min
Response: 78464740
Conc: 350.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



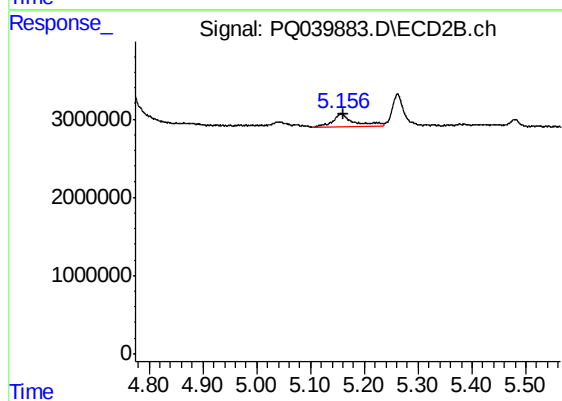
#7 AR-1016-5

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 66879274
Conc: 355.61 ng/ml



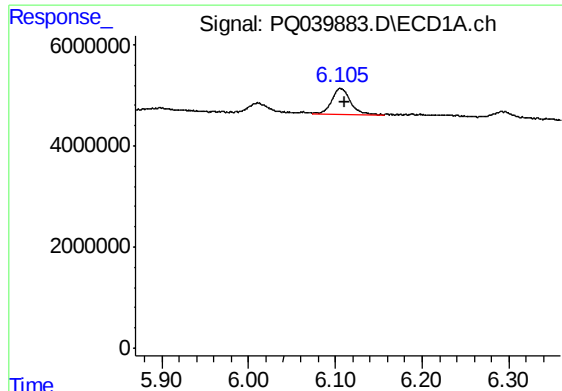
#9 AR-1221-2

R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 3162615
Conc: 65.60 ng/ml



#9 AR-1221-2

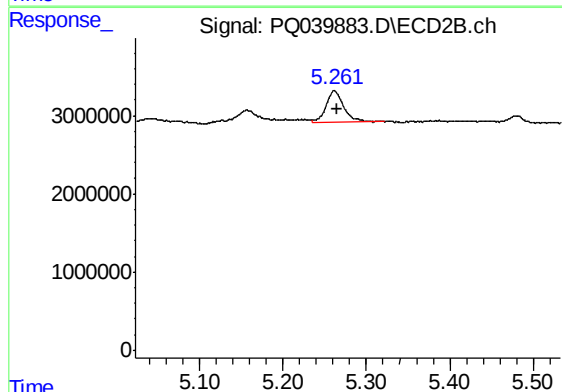
R.T.: 5.157 min
Delta R.T.: -0.003 min
Response: 4619491
Conc: 135.35 ng/ml



#10 AR-1221-3

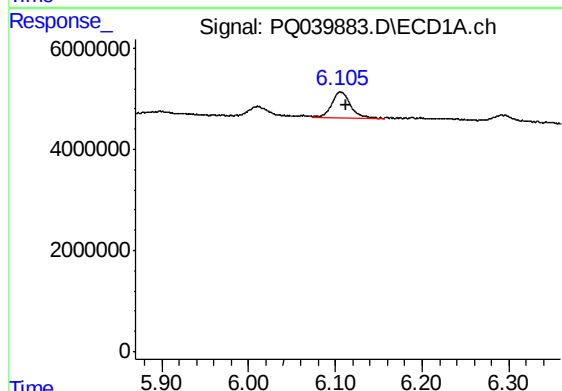
R.T.: 6.106 min
Delta R.T.: -0.005 min
Response: 7359621
Conc: 44.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



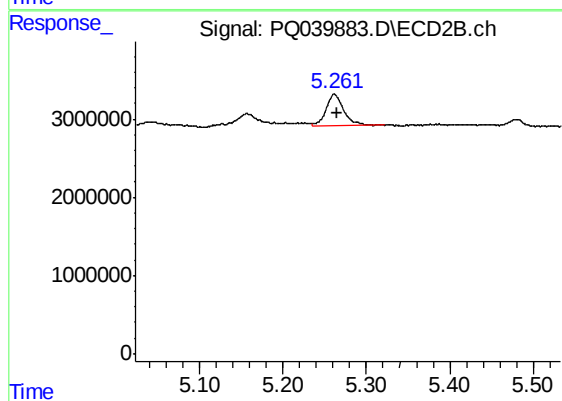
#10 AR-1221-3

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 5750026
Conc: 47.34 ng/ml



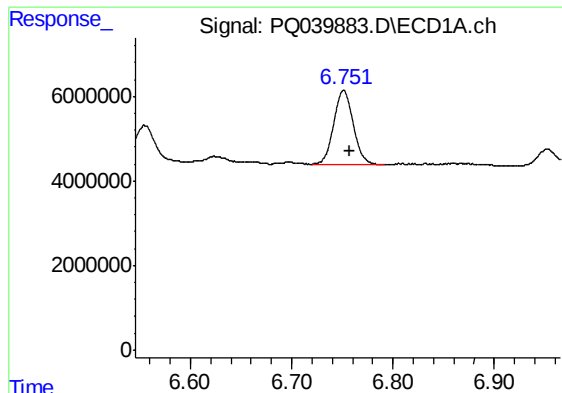
#11 AR-1232-1

R.T.: 6.106 min
Delta R.T.: -0.006 min
Response: 7359621
Conc: 58.95 ng/ml



#11 AR-1232-1

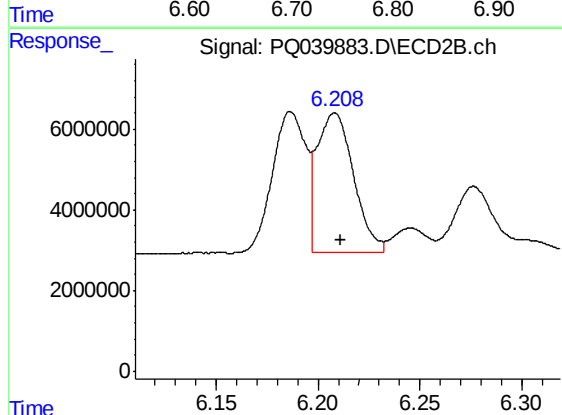
R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 5750026
Conc: 61.95 ng/ml



#12 AR-1232-2

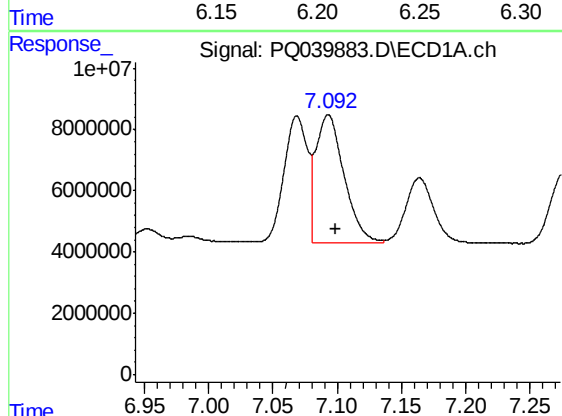
R.T.: 6.751 min
Delta R.T.: -0.007 min
Response: 23370053
Conc: 386.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



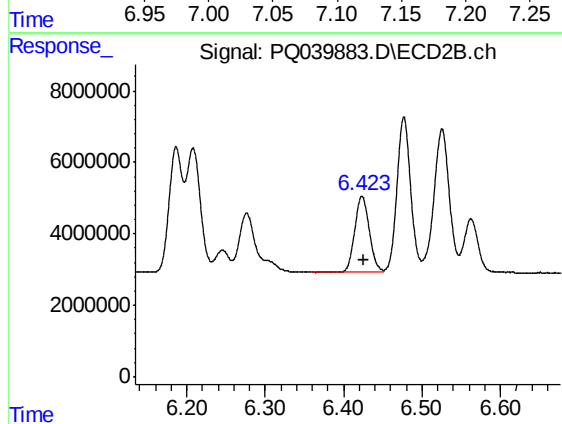
#12 AR-1232-2

R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 43104784
Conc: 465.43 ng/ml



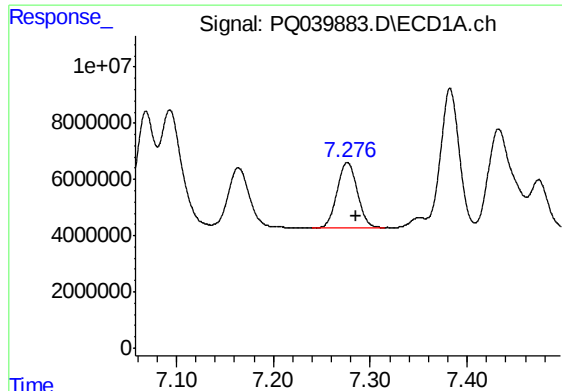
#13 AR-1232-3

R.T.: 7.093 min
Delta R.T.: -0.006 min
Response: 63071383
Conc: 506.10 ng/ml



#13 AR-1232-3

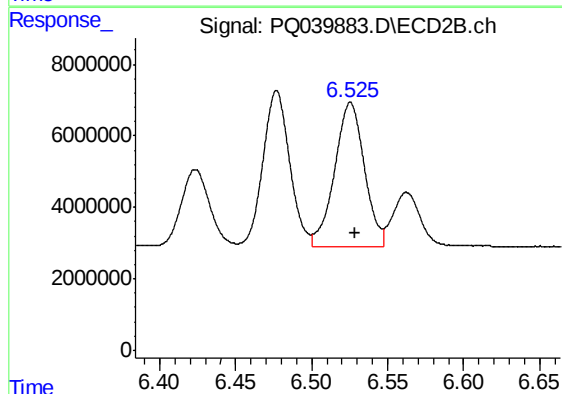
R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 27700881
Conc: 560.69 ng/ml



#14 AR-1232-4

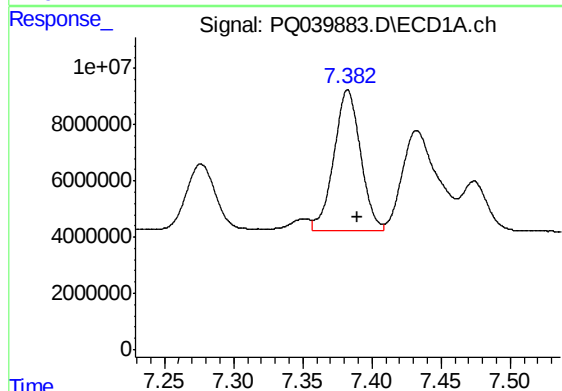
R.T.: 7.276 min
Delta R.T.: -0.009 min
Response: 33836804
Conc: 549.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



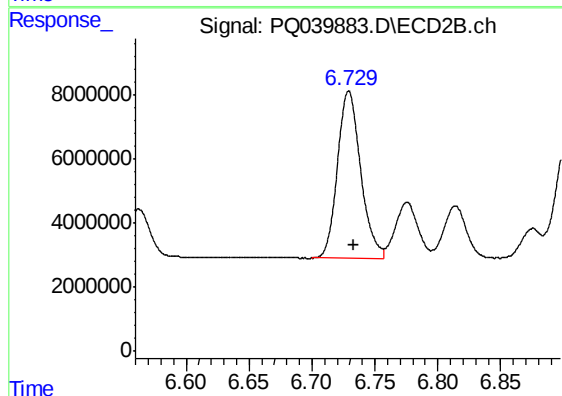
#14 AR-1232-4

R.T.: 6.526 min
Delta R.T.: -0.003 min
Response: 54785282
Conc: 1330.70 ng/ml



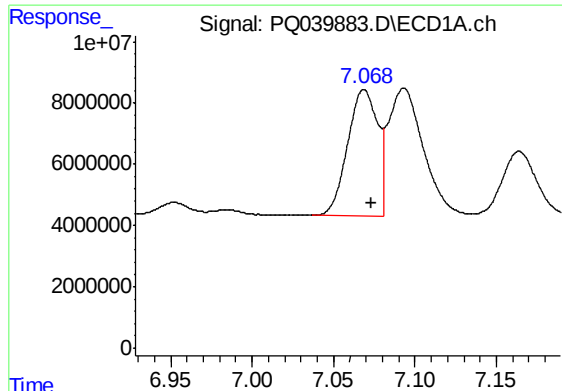
#15 AR-1232-5

R.T.: 7.383 min
Delta R.T.: -0.007 min
Response: 67068684
Conc: 1684.06 ng/ml



#15 AR-1232-5

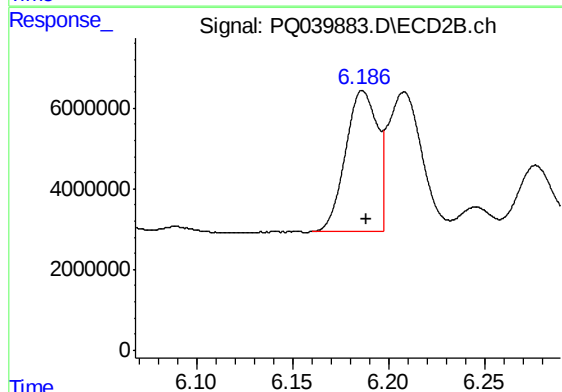
R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 66879274
Conc: 1487.56 ng/ml



#16 AR-1242-1

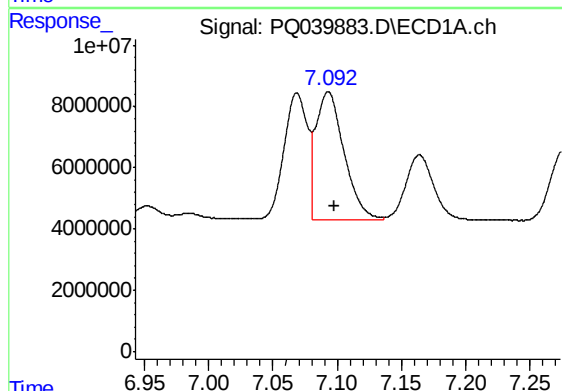
R.T.: 7.069 min
Delta R.T.: -0.005 min
Response: 52456317
Conc: 333.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



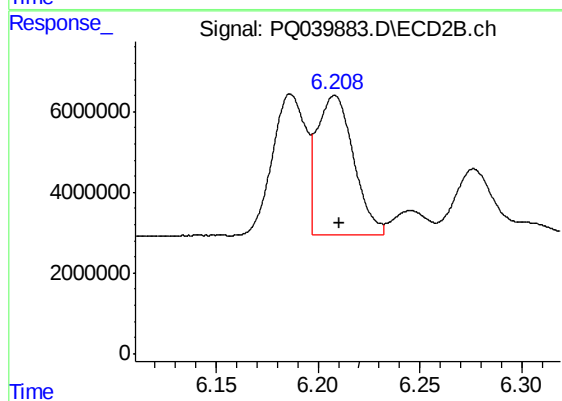
#16 AR-1242-1

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 40166923
Conc: 325.35 ng/ml



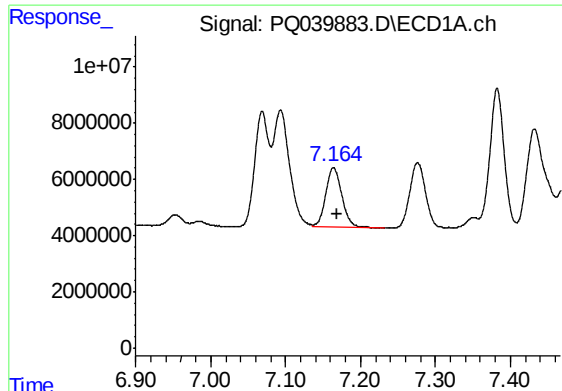
#17 AR-1242-2

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 63071383
Conc: 272.86 ng/ml



#17 AR-1242-2

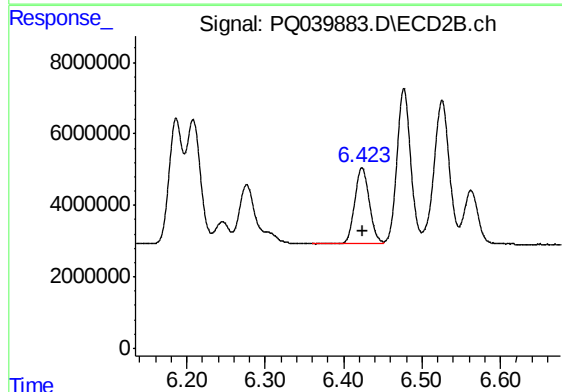
R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 43104784
Conc: 244.99 ng/ml



#18 AR-1242-3

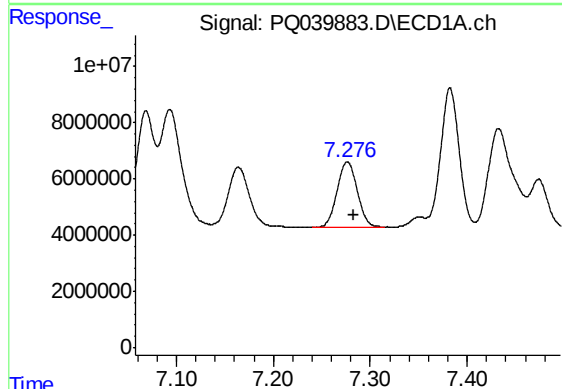
R.T.: 7.164 min
Delta R.T.: -0.005 min
Response: 31859549
Conc: 229.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



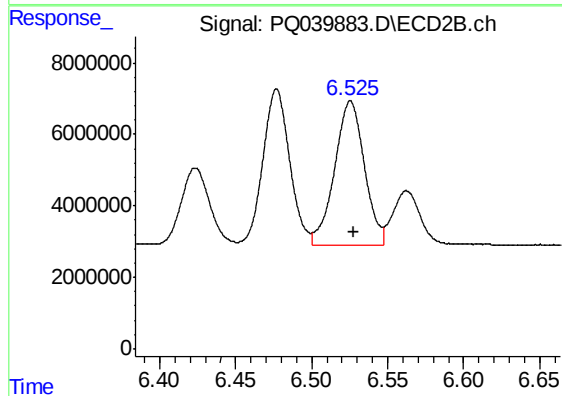
#18 AR-1242-3

R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 27700881
Conc: 305.04 ng/ml



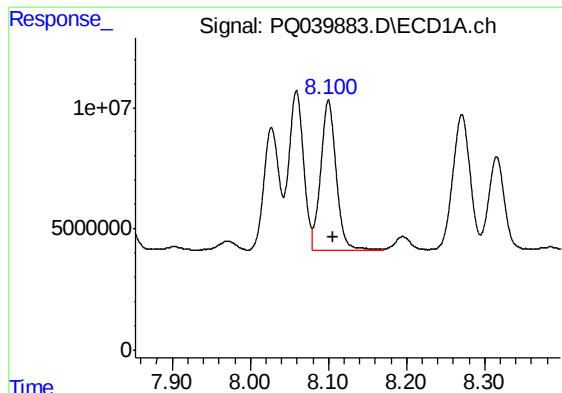
#19 AR-1242-4

R.T.: 7.276 min
Delta R.T.: -0.006 min
Response: 33836804
Conc: 297.12 ng/ml



#19 AR-1242-4

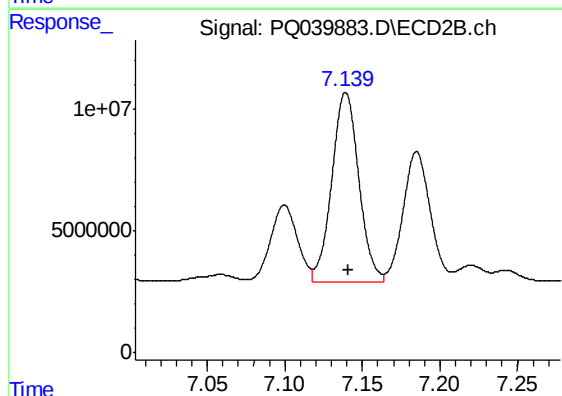
R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 54785282
Conc: 647.34 ng/ml



#20 AR-1242-5

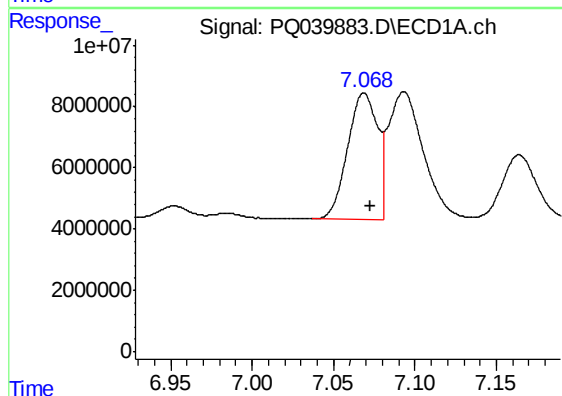
R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 84674082
Conc: 700.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



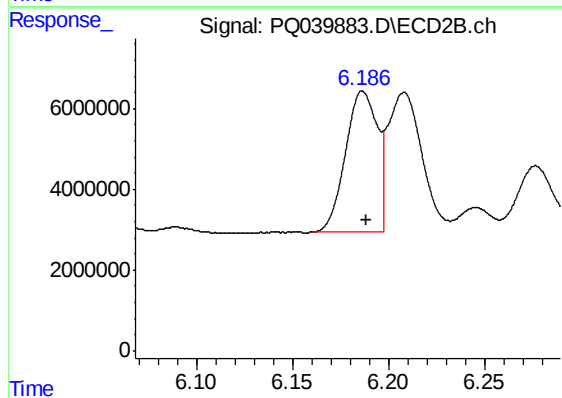
#20 AR-1242-5

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 94492794
Conc: 881.33 ng/ml



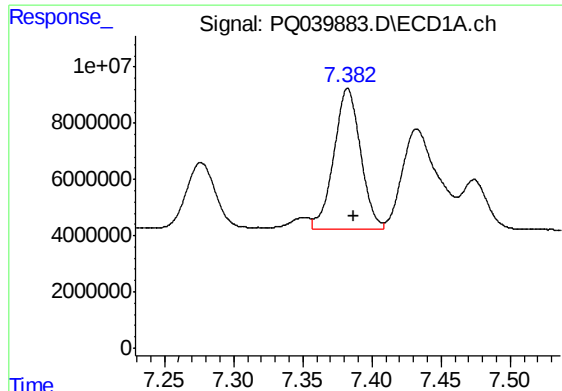
#21 AR-1248-1

R.T.: 7.069 min
Delta R.T.: -0.004 min
Response: 52456317
Conc: 403.93 ng/ml



#21 AR-1248-1

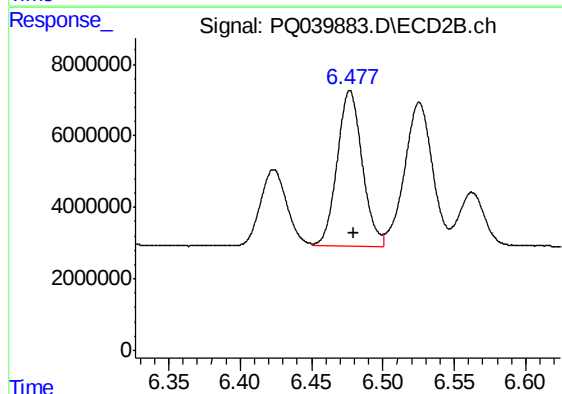
R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 40166923
Conc: 397.50 ng/ml



#22 AR-1248-2

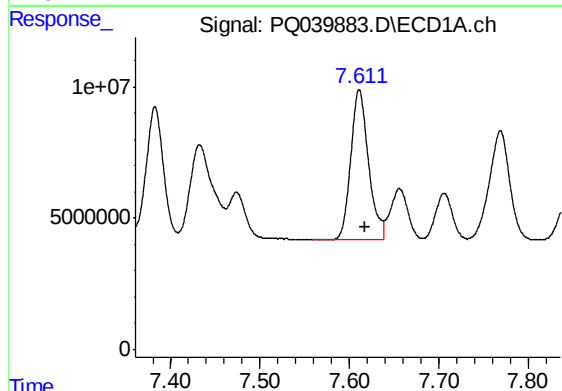
R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 67068684
Conc: 408.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



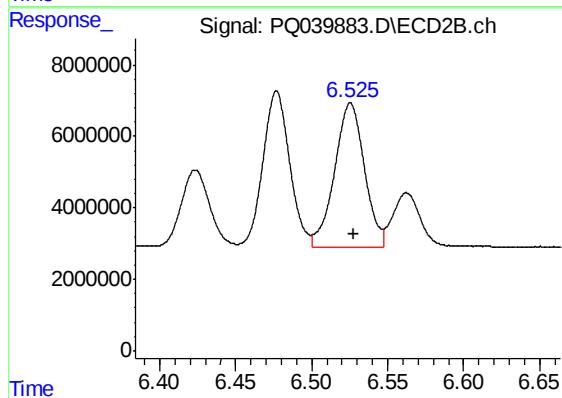
#22 AR-1248-2

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 53200874
Conc: 420.14 ng/ml



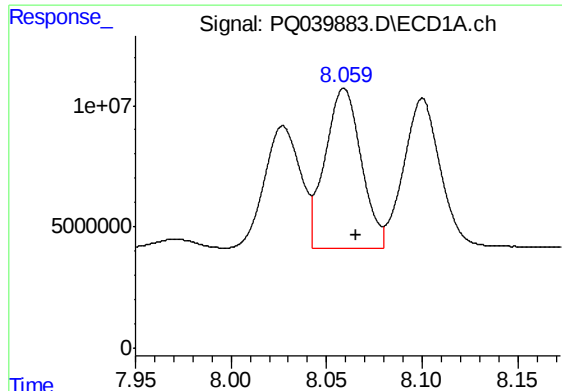
#23 AR-1248-3

R.T.: 7.611 min
Delta R.T.: -0.006 min
Response: 78464740
Conc: 404.26 ng/ml



#23 AR-1248-3

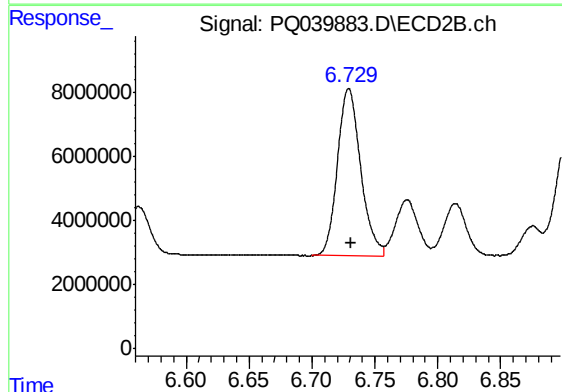
R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 54785282
Conc: 413.06 ng/ml



#24 AR-1248-4

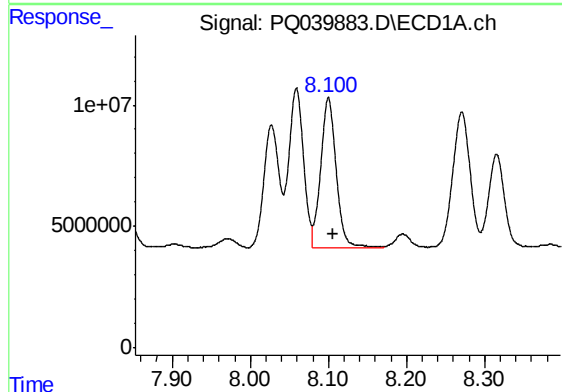
R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 85995185
Conc: 398.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



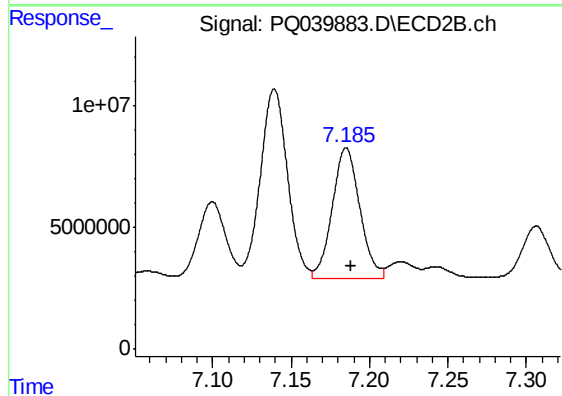
#24 AR-1248-4

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 66879274
Conc: 408.22 ng/ml



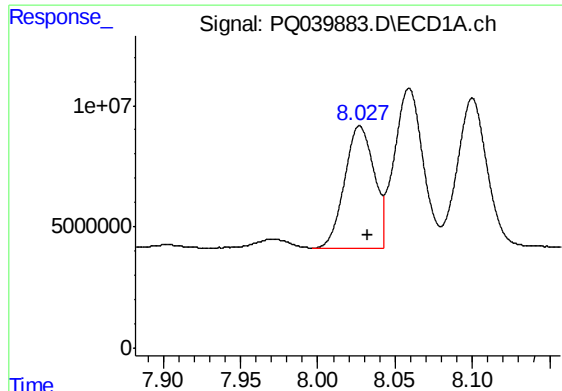
#25 AR-1248-5

R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 84674082
Conc: 406.21 ng/ml



#25 AR-1248-5

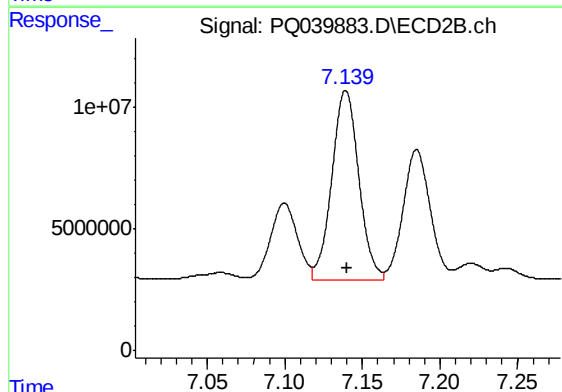
R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 65917354
Conc: 406.80 ng/ml



#26 AR-1254-1

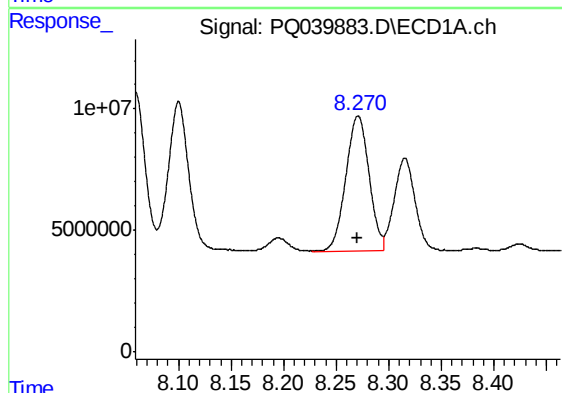
R.T.: 8.027 min
Delta R.T.: -0.005 min
Response: 66800920
Conc: 289.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



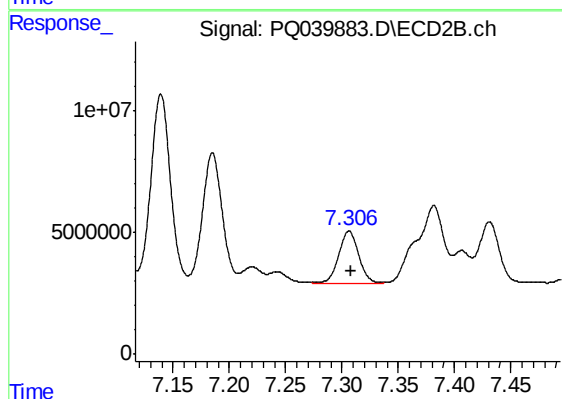
#26 AR-1254-1

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 94492794
Conc: 356.78 ng/ml



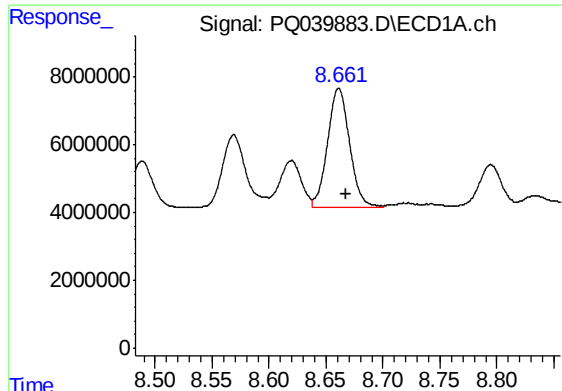
#27 AR-1254-2

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 85862808
Conc: 238.26 ng/ml



#27 AR-1254-2

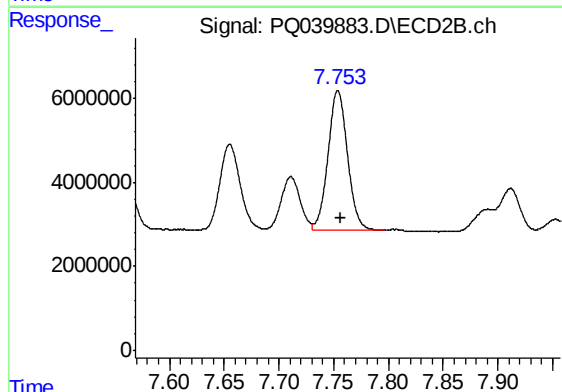
R.T.: 7.306 min
Delta R.T.: -0.002 min
Response: 27263023
Conc: 119.43 ng/ml



#28 AR-1254-3

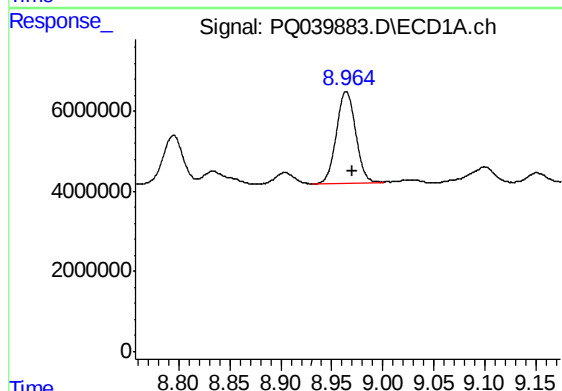
R.T.: 8.661 min
Delta R.T.: -0.006 min
Response: 46864482
Conc: 123.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



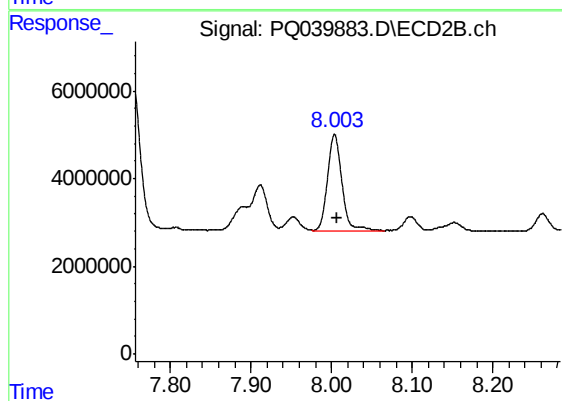
#28 AR-1254-3

R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 41225368
Conc: 111.57 ng/ml



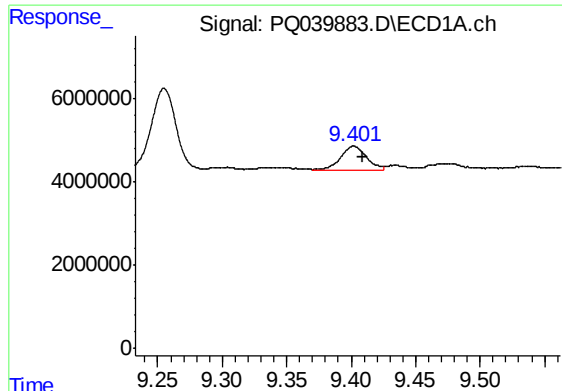
#29 AR-1254-4

R.T.: 8.964 min
Delta R.T.: -0.006 min
Response: 30327940
Conc: 111.12 ng/ml



#29 AR-1254-4

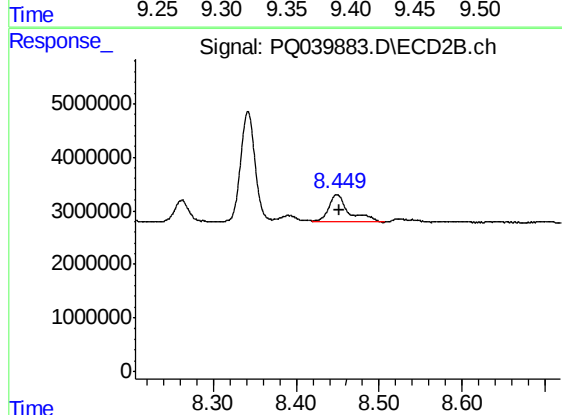
R.T.: 8.004 min
Delta R.T.: -0.003 min
Response: 27129394
Conc: 118.20 ng/ml



#30 AR-1254-5

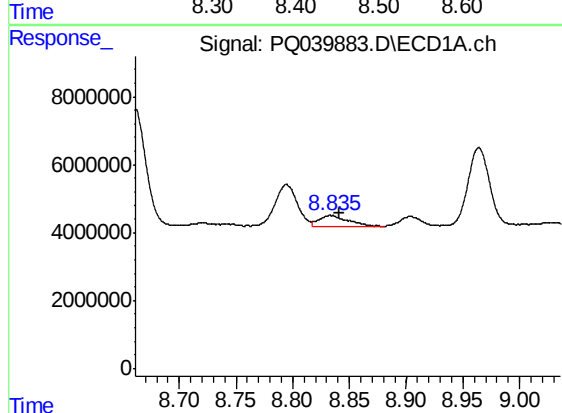
R.T.: 9.402 min
Delta R.T.: -0.007 min
Response: 7881170
Conc: 26.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



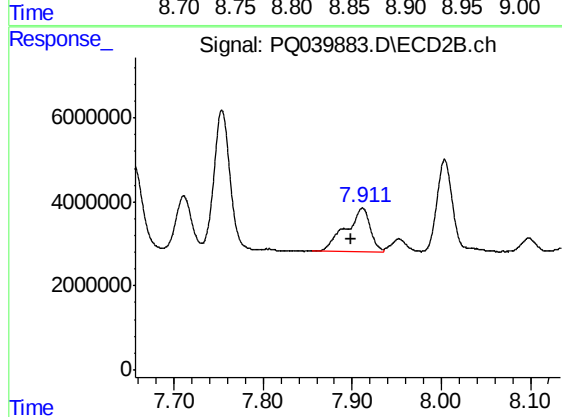
#30 AR-1254-5

R.T.: 8.449 min
Delta R.T.: -0.003 min
Response: 8953749
Conc: 28.76 ng/ml



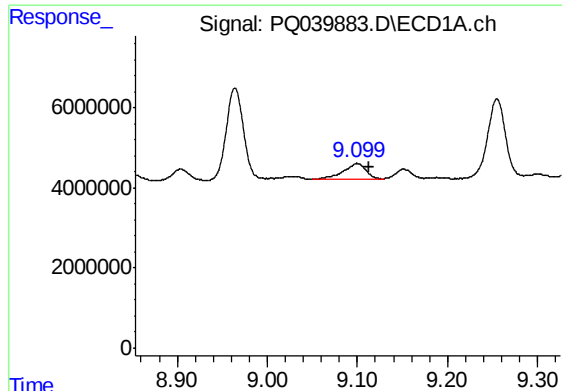
#31 AR-1260-1

R.T.: 8.834 min
Delta R.T.: -0.007 min
Response: 5543964
Conc: 12.42 ng/ml



#31 AR-1260-1

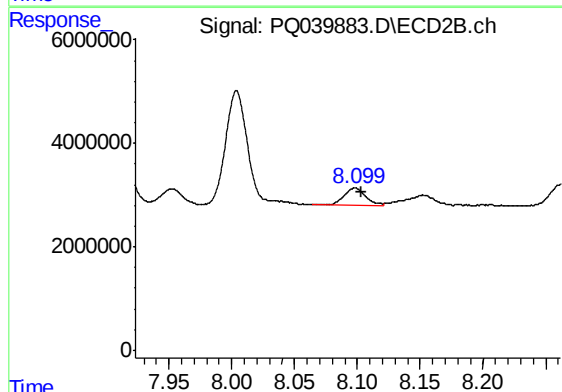
R.T.: 7.911 min
Delta R.T.: 0.012 min
Response: 19747903
Conc: 53.61 ng/ml



#32 AR-1260-2

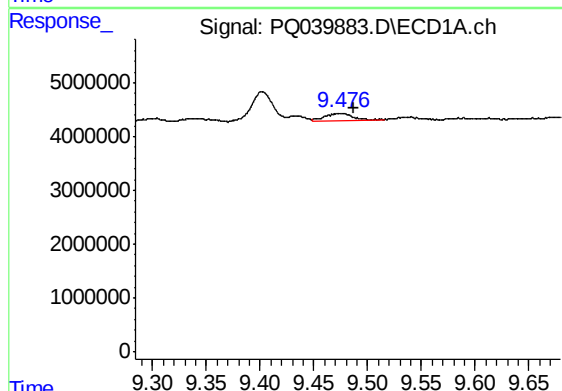
R.T.: 9.100 min
Delta R.T.: -0.013 min
Response: 6995505
Conc: 13.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



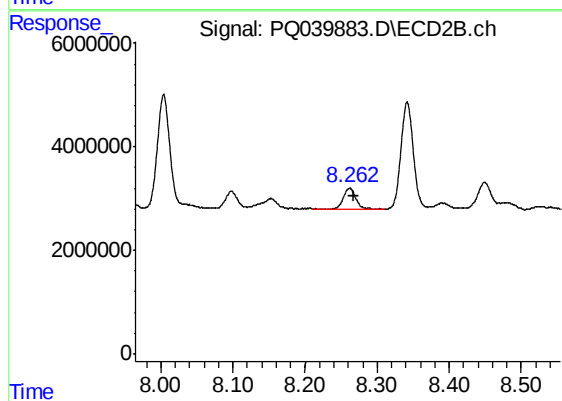
#32 AR-1260-2

R.T.: 8.098 min
Delta R.T.: -0.005 min
Response: 3948284
Conc: 8.68 ng/ml



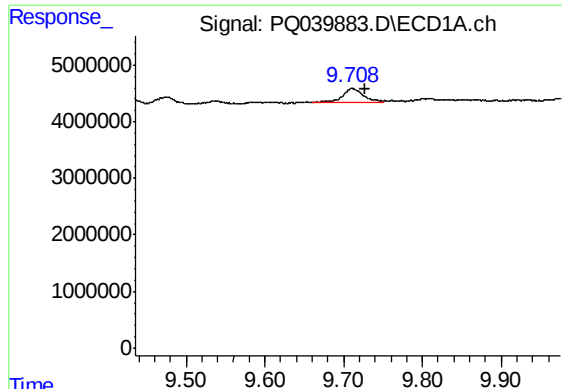
#33 AR-1260-3

R.T.: 9.475 min
Delta R.T.: -0.011 min
Response: 2617516
Conc: 6.52 ng/ml



#33 AR-1260-3

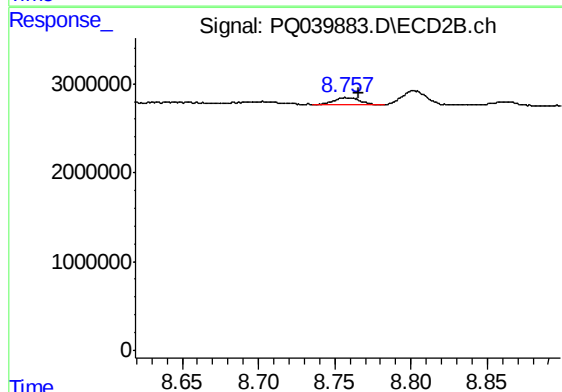
R.T.: 8.262 min
Delta R.T.: -0.006 min
Response: 4600035
Conc: 10.95 ng/ml



#34 AR-1260-4

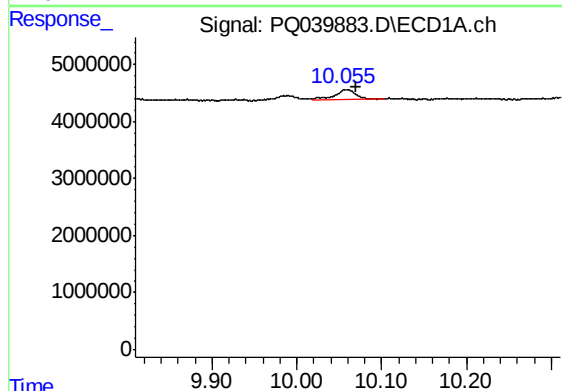
R.T.: 9.711 min
Delta R.T.: -0.018 min
Response: 4344324
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



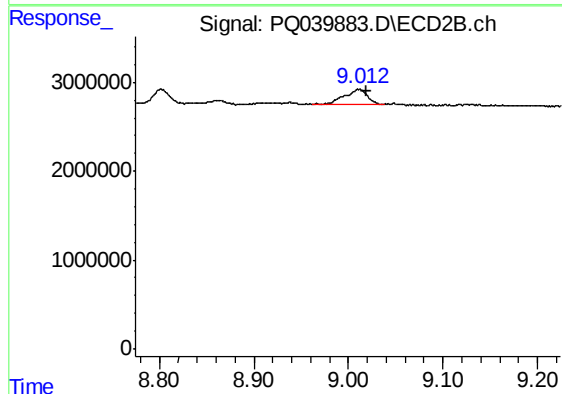
#34 AR-1260-4

R.T.: 8.759 min
Delta R.T.: -0.007 min
Response: 964824
Conc: 2.92 ng/ml



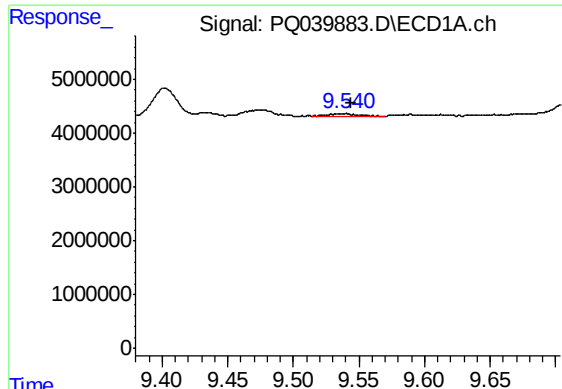
#35 AR-1260-5

R.T.: 10.058 min
Delta R.T.: -0.013 min
Response: 3029849
Conc: 3.14 ng/ml



#35 AR-1260-5

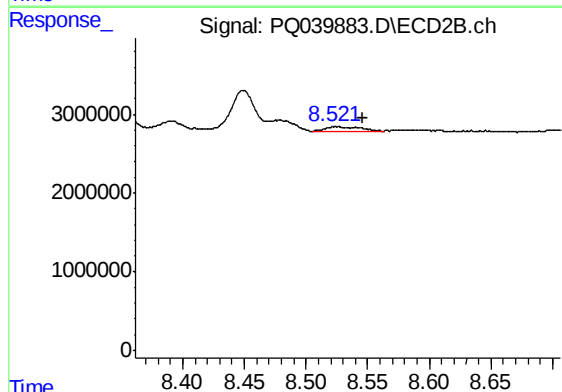
R.T.: 9.011 min
Delta R.T.: -0.008 min
Response: 2845608
Conc: 3.47 ng/ml



#36 AR-1262-1

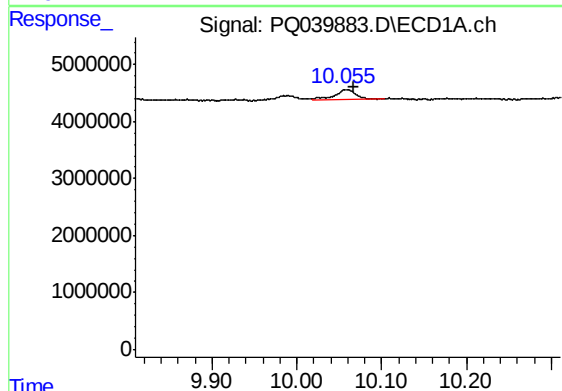
R.T.: 9.540 min
Delta R.T.: -0.004 min
Response: 844140
Conc: 5.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



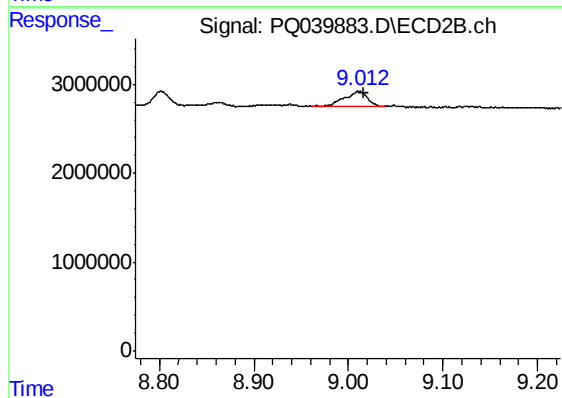
#36 AR-1262-1

R.T.: 8.524 min
Delta R.T.: -0.022 min
Response: 1175189
Conc: 8.79 ng/ml



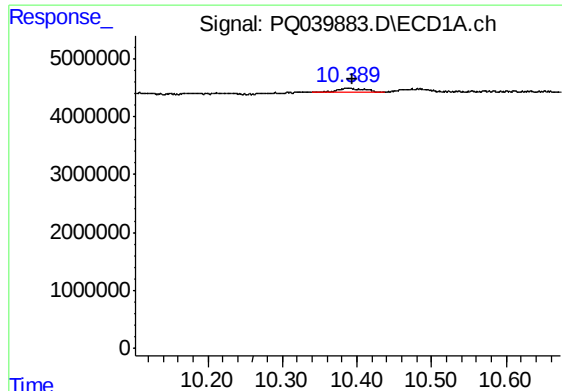
#37 AR-1262-2

R.T.: 10.058 min
Delta R.T.: -0.008 min
Response: 3029849
Conc: 4.48 ng/ml



#37 AR-1262-2

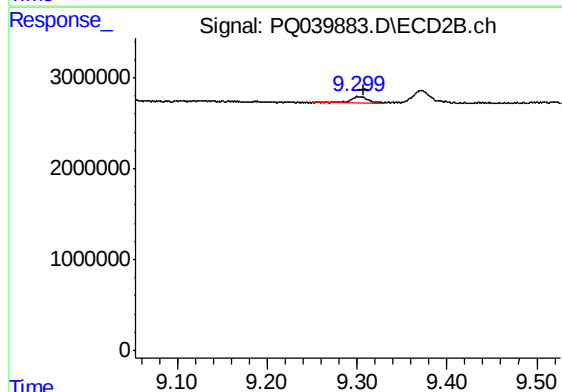
R.T.: 9.011 min
Delta R.T.: -0.005 min
Response: 2845608
Conc: 4.75 ng/ml



#38 AR-1262-3

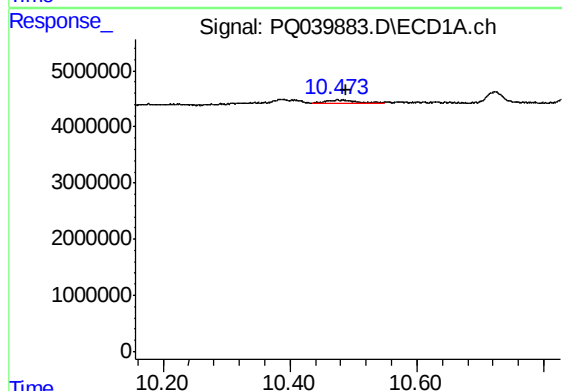
R.T.: 10.389 min
Delta R.T.: -0.005 min
Response: 1563081
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



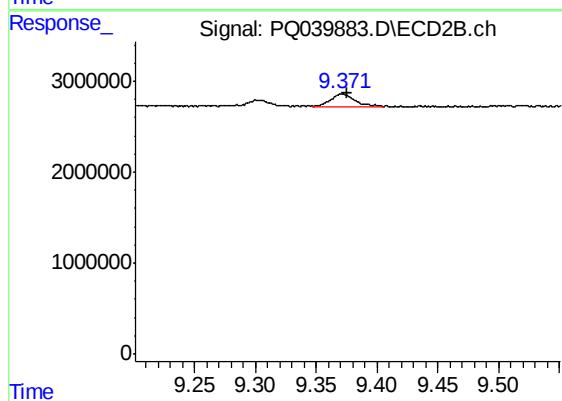
#38 AR-1262-3

R.T.: 9.303 min
Delta R.T.: -0.005 min
Response: 854082
Conc: 3.71 ng/ml



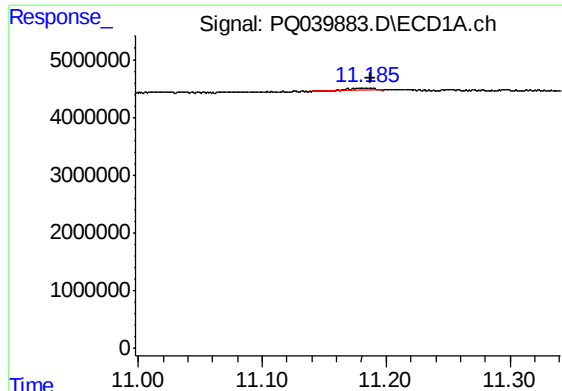
#39 AR-1262-4

R.T.: 10.483 min
Delta R.T.: -0.006 min
Response: 1451600
Conc: 3.94 ng/ml



#39 AR-1262-4

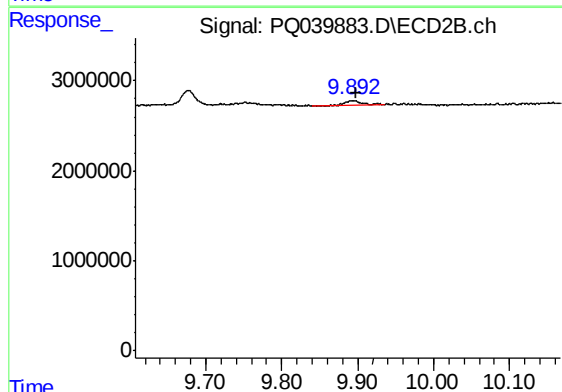
R.T.: 9.372 min
Delta R.T.: -0.004 min
Response: 1984334
Conc: 4.67 ng/ml



#40 AR-1262-5

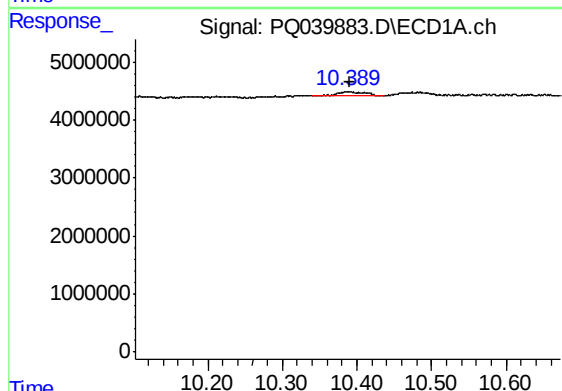
R.T.: 11.185 min
Delta R.T.: -0.002 min
Response: 546307
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



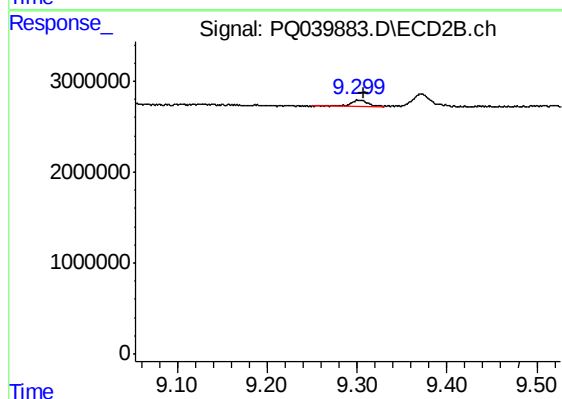
#40 AR-1262-5

R.T.: 9.893 min
Delta R.T.: -0.006 min
Response: 689545
Conc: 3.85 ng/ml



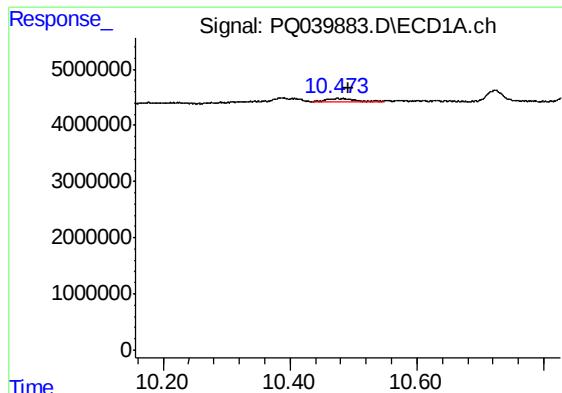
#41 AR-1268-1

R.T.: 10.389 min
Delta R.T.: -0.002 min
Response: 1563081
Conc: 1.29 ng/ml



#41 AR-1268-1

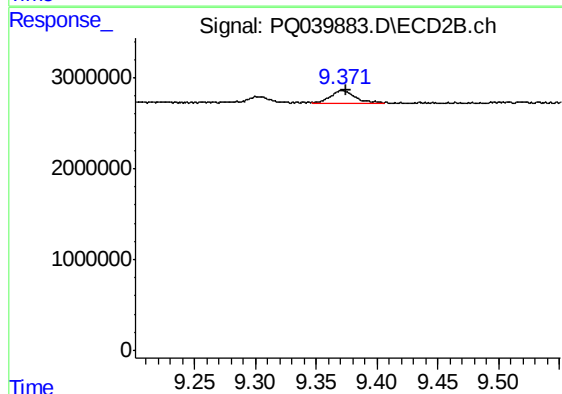
R.T.: 9.303 min
Delta R.T.: -0.004 min
Response: 854082
Conc: 0.83 ng/ml



#42 AR-1268-2

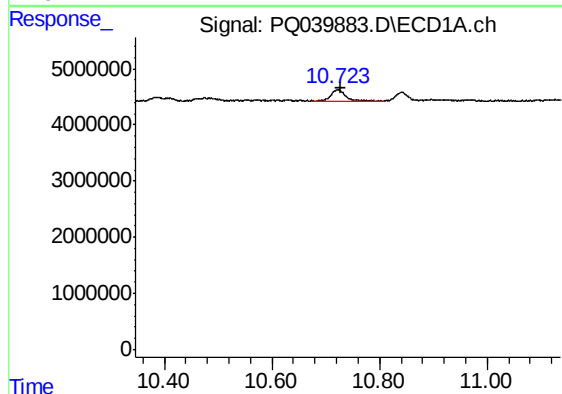
R.T.: 10.483 min
Delta R.T.: -0.009 min
Response: 1451600
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



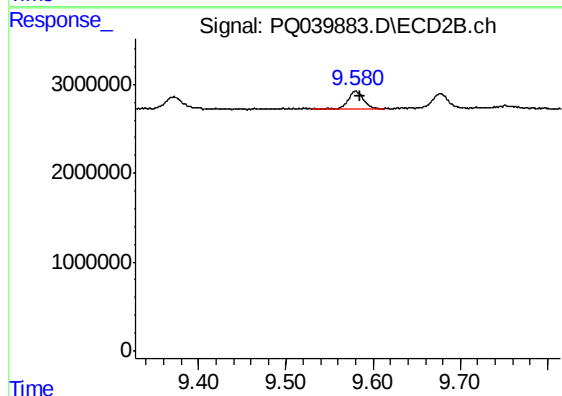
#42 AR-1268-2

R.T.: 9.372 min
Delta R.T.: -0.003 min
Response: 1984334
Conc: 2.07 ng/ml



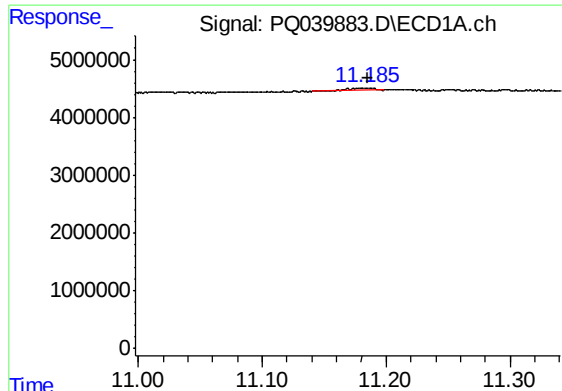
#43 AR-1268-3

R.T.: 10.723 min
Delta R.T.: -0.004 min
Response: 3744685
Conc: 3.69 ng/ml



#43 AR-1268-3

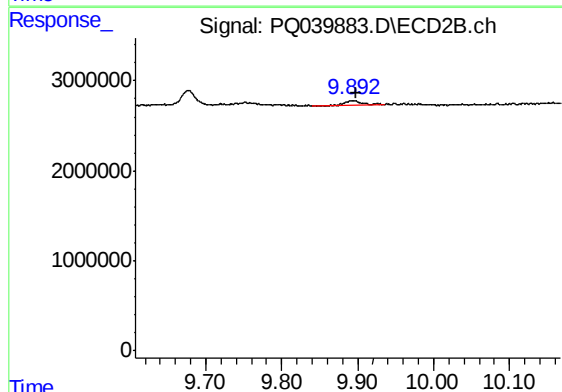
R.T.: 9.580 min
Delta R.T.: -0.004 min
Response: 2397906
Conc: 2.98 ng/ml



#44 AR-1268-4

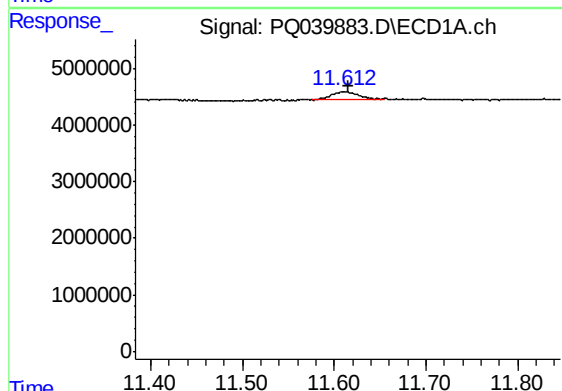
R.T.: 11.185 min
Delta R.T.: 0.000 min
Response: 546307
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248320



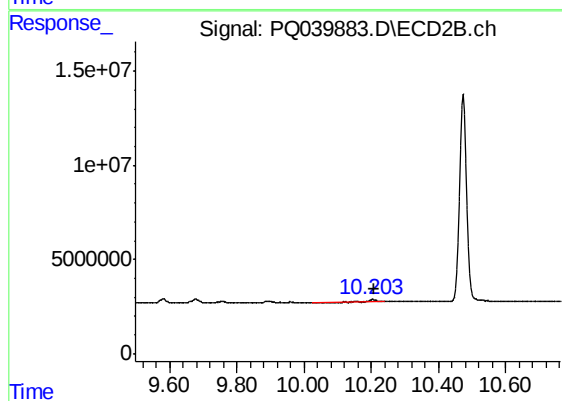
#44 AR-1268-4

R.T.: 9.893 min
Delta R.T.: -0.005 min
Response: 689545
Conc: 2.30 ng/ml



#45 AR-1268-5

R.T.: 11.612 min
Delta R.T.: -0.004 min
Response: 2756104
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 10.204 min
Delta R.T.: -0.005 min
Response: 2152243
Conc: 0.88 ng/ml