

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101818\
 Data File : PQ033284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2018 12:20
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 14:01:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 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...	4.580	3.850	43224681	30884310	21.070	19.857
2)	SA Decachlor...	10.421	8.906	87060880	69624988	46.057	43.311
Target Compounds							
3)	L1 AR-1016-1	5.757	4.964	31841362	36478738	457.295	637.207 #
4)	L1 AR-1016-2	5.780	4.964	47050844	36478738	456.769	457.794
5)	L1 AR-1016-3	5.842	5.142	28690945	19420263	458.196	468.181
6)	L1 AR-1016-4	5.943	5.181	23741691	15916247	469.746	464.520
7)	L1 AR-1016-5	6.237	5.397	24399942	20941064	473.501	458.320
8)	L2 AR-1221-1	4.786	4.064	2796558	1949020	117.766	105.457
9)	L2 AR-1221-2	4.876	4.152	3753175	2541983	227.975	192.181
10)	L2 AR-1221-3	4.956	4.229	15293147	11922786	266.557	260.715
11)	L3 AR-1232-1	4.956	4.229	15293147	11922786	344.486	344.542
12)	L3 AR-1232-2	5.489	4.964	22432271	36478738	949.763	970.121
13)	L3 AR-1232-3	5.780	5.142	47050844	19420263	984.130	991.549
14)	L3 AR-1232-4	5.943	5.223	23741691	19105827	996.754	1113.185
15)	L3 AR-1232-5	6.030	5.397	21174530	20941064	1187.301	1073.895
16)	L4 AR-1242-1	5.757	4.964	31841362	36478738	533.564	749.693 #
17)	L4 AR-1242-2	5.780	4.964	47050844	36478738	541.761	540.429
18)	L4 AR-1242-3	5.842	5.142	28690945	19420263	548.701	530.164
19)	L4 AR-1242-4	5.943	5.223	23741691	19105827	550.544	518.715
20)	L4 AR-1242-5	6.681	5.749	6952549	23586494	141.033	490.981 #
21)	L5 AR-1248-1	5.757	4.964	31841362	36478738	641.928	890.163 #
22)	L5 AR-1248-2	6.030	5.181	21174530	15916247	287.884	289.705
23)	L5 AR-1248-3	6.237	5.223	24399942	19105827	298.563	341.160
24)	L5 AR-1248-4	6.641	5.397	8428444	20941064	89.979	303.630 #
25)	L5 AR-1248-5	6.681	5.790	6952549	5110029	78.287	73.922
26)	L6 AR-1254-1	6.614	5.749	25447899	23586494	256.785	209.358
27)	L6 AR-1254-2	6.831	5.895	23741044	18763358	151.915	190.018 #
28)	L6 AR-1254-3	7.202	6.313	14541887	38798255	85.700	233.456 #
29)	L6 AR-1254-4	7.487	6.529	9632661	5406052	78.013	50.811 #
30)	L6 AR-1254-5	7.907	6.946	78810861	68343532	595.344	465.285
31)	L7 AR-1260-1	7.364	6.430	50994654	45758238	476.778	487.183
32)	L7 AR-1260-2	7.620	6.617	61713547	55877527	488.722	479.592
33)	L7 AR-1260-3	7.980	6.772	38579471	51592836	495.297	478.408
34)	L7 AR-1260-4	8.212	7.243	48060886	36630486	474.782	476.529
35)	L7 AR-1260-5	8.543	7.483	94189965	93002917	498.815	484.093
36)	L8 AR-1262-1	7.980	6.981	38579471	39184133	286.222	304.902
37)	L8 AR-1262-2	8.543	7.483	94189965	93002917	380.907	388.263
38)	L8 AR-1262-3	8.885	7.766	60084401	16865465	363.249	181.060 #
39)	L8 AR-1262-4	8.940	7.831	33452467	65650635	490.855	377.100
40)	L8 AR-1262-5	9.642	8.336	20882133	16645842	238.679	206.281
41)	L9 AR-1268-1	8.885	7.766	60084401	16865465	163.843	49.330 #

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 Acq On : 18 Oct 2018 12:20
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

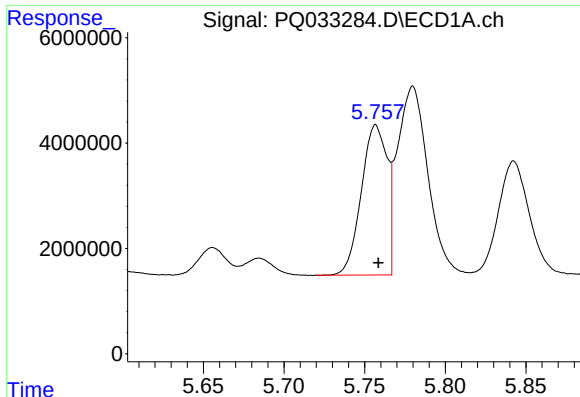
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 14:01:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.940	7.831	33452467	65650635	100.373	212.448 #
43) L9	AR-1268-3	0.000	8.036	0	2105751	N.D.	8.231 #
44) L9	AR-1268-4	9.642	8.336	20882133	16645842	172.838	150.903
45) L9	AR-1268-5	10.069	8.640	5549243	4387488	6.002	5.246

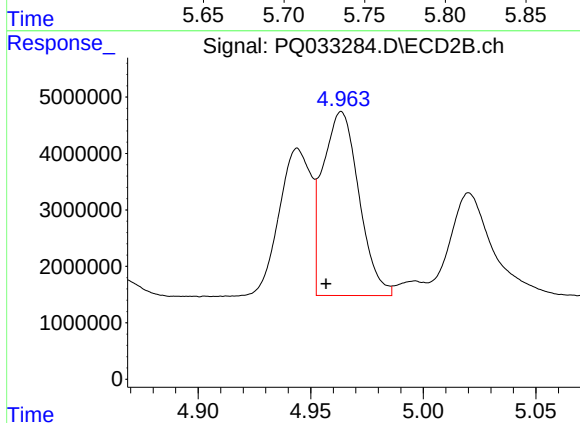
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

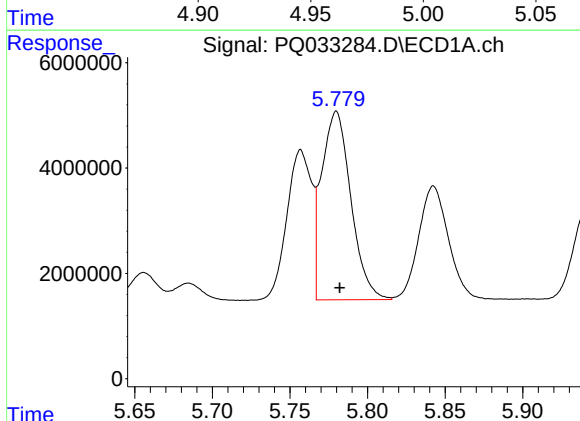
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 31841362
Conc: 457.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



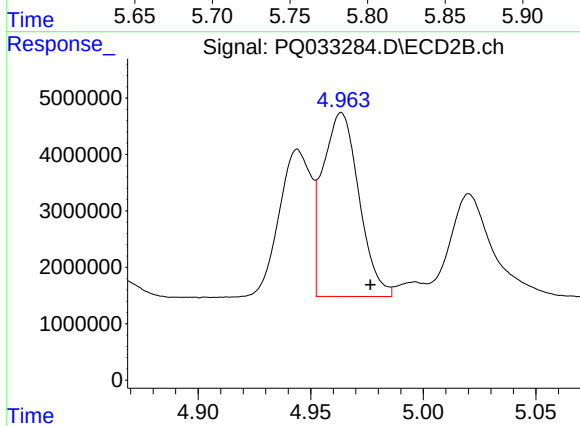
#3 AR-1016-1

R.T.: 4.964 min
Delta R.T.: 0.007 min
Response: 36478738
Conc: 637.21 ng/ml



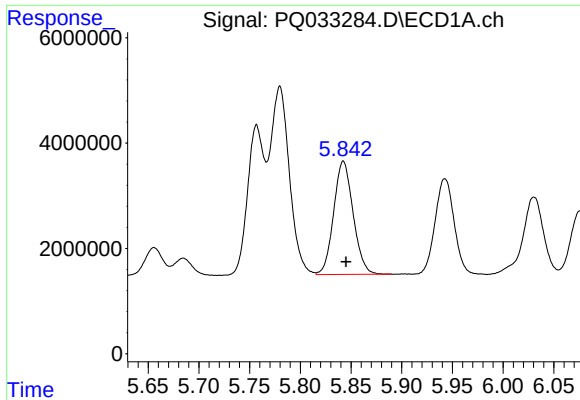
#4 AR-1016-2

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 47050844
Conc: 456.77 ng/ml



#4 AR-1016-2

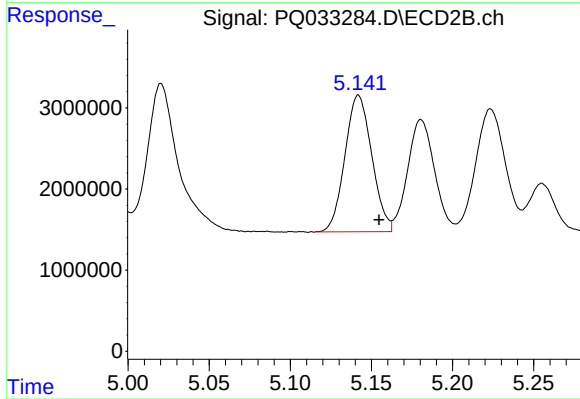
R.T.: 4.964 min
Delta R.T.: -0.013 min
Response: 36478738
Conc: 457.79 ng/ml



#5 AR-1016-3

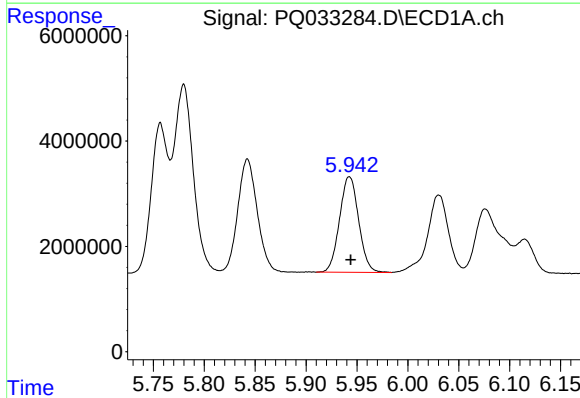
R.T.: 5.842 min
Delta R.T.: -0.003 min
Response: 28690945
Conc: 458.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



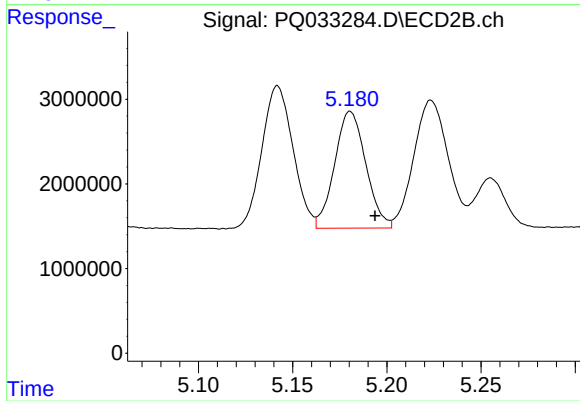
#5 AR-1016-3

R.T.: 5.142 min
Delta R.T.: -0.013 min
Response: 19420263
Conc: 468.18 ng/ml



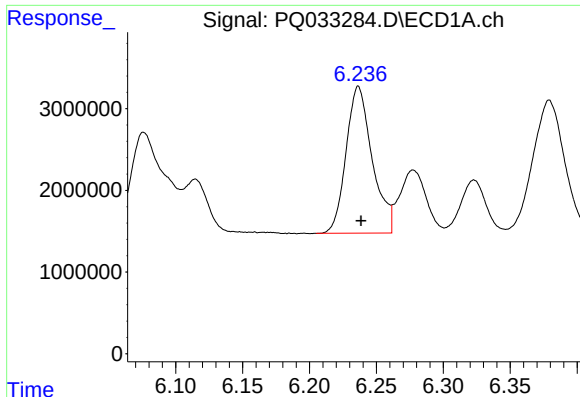
#6 AR-1016-4

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 23741691
Conc: 469.75 ng/ml



#6 AR-1016-4

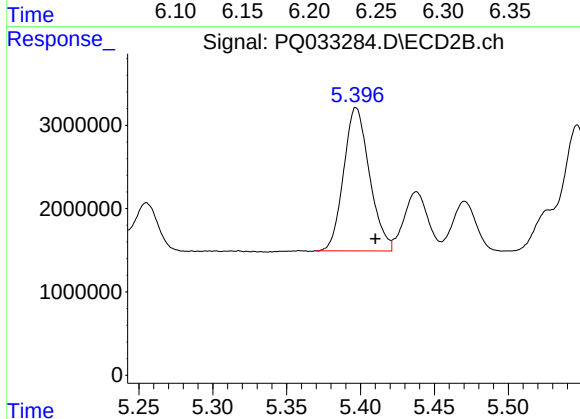
R.T.: 5.181 min
Delta R.T.: -0.013 min
Response: 15916247
Conc: 464.52 ng/ml



#7 AR-1016-5

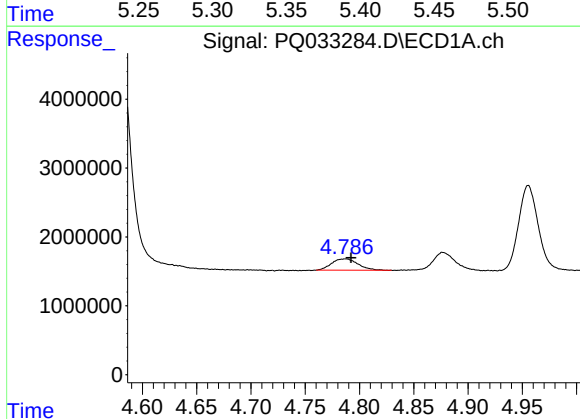
R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 24399942
Conc: 473.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



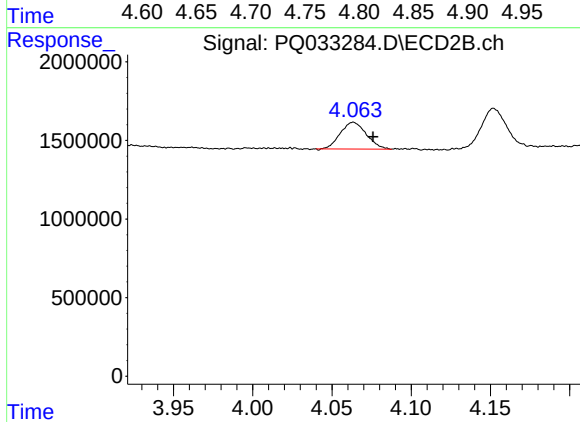
#7 AR-1016-5

R.T.: 5.397 min
Delta R.T.: -0.013 min
Response: 20941064
Conc: 458.32 ng/ml



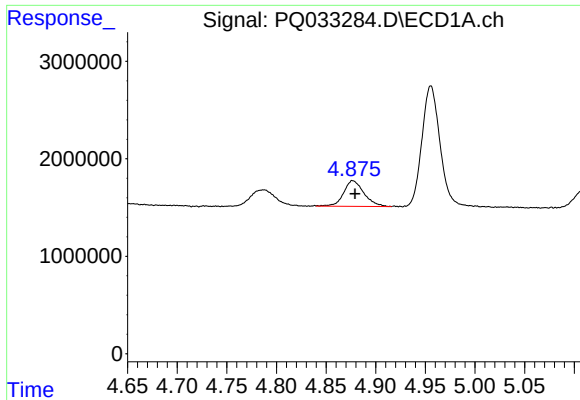
#8 AR-1221-1

R.T.: 4.786 min
Delta R.T.: -0.006 min
Response: 2796558
Conc: 117.77 ng/ml



#8 AR-1221-1

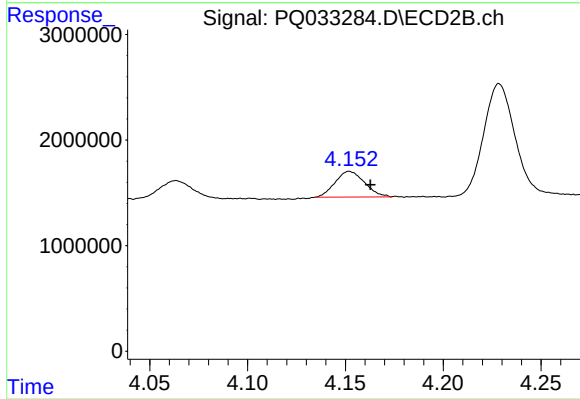
R.T.: 4.064 min
Delta R.T.: -0.012 min
Response: 1949020
Conc: 105.46 ng/ml



#9 AR-1221-2

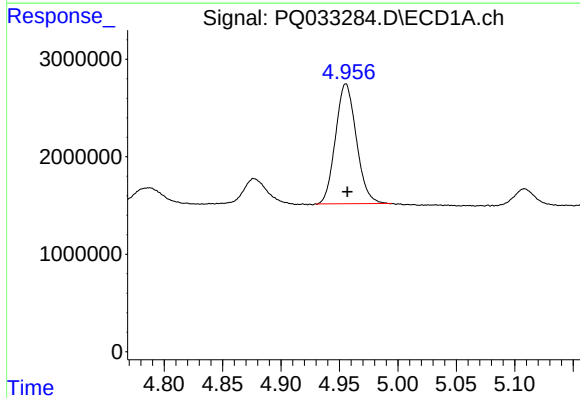
R.T.: 4.876 min
Delta R.T.: -0.003 min
Response: 3753175
Conc: 227.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



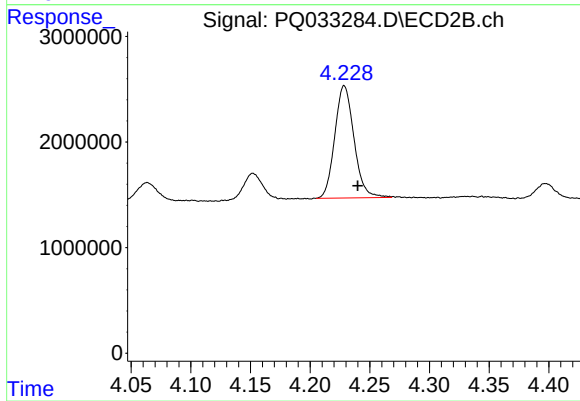
#9 AR-1221-2

R.T.: 4.152 min
Delta R.T.: -0.011 min
Response: 2541983
Conc: 192.18 ng/ml



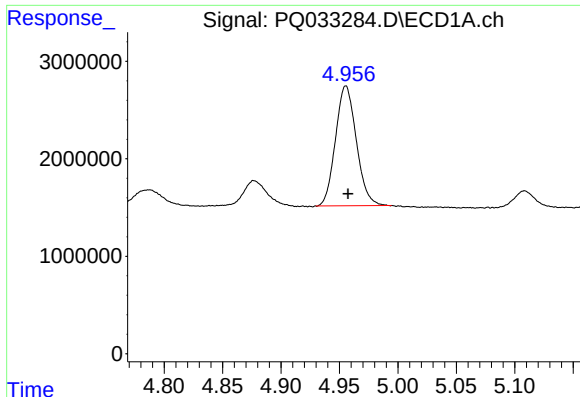
#10 AR-1221-3

R.T.: 4.956 min
Delta R.T.: -0.001 min
Response: 15293147
Conc: 266.56 ng/ml



#10 AR-1221-3

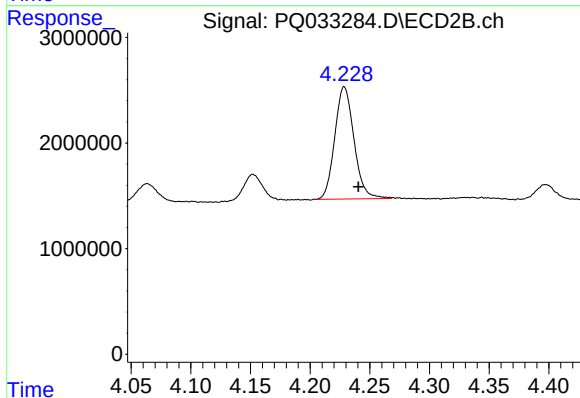
R.T.: 4.229 min
Delta R.T.: -0.012 min
Response: 11922786
Conc: 260.71 ng/ml



#11 AR-1232-1

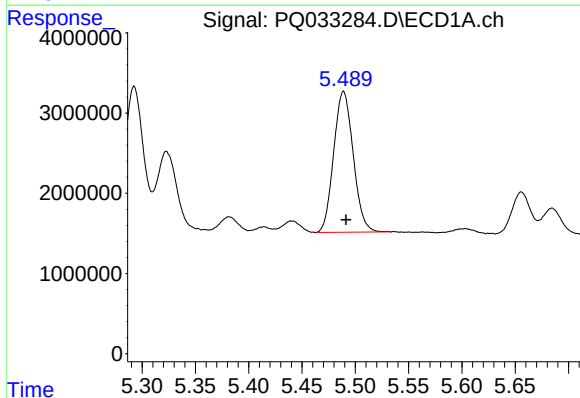
R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 15293147
Conc: 344.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



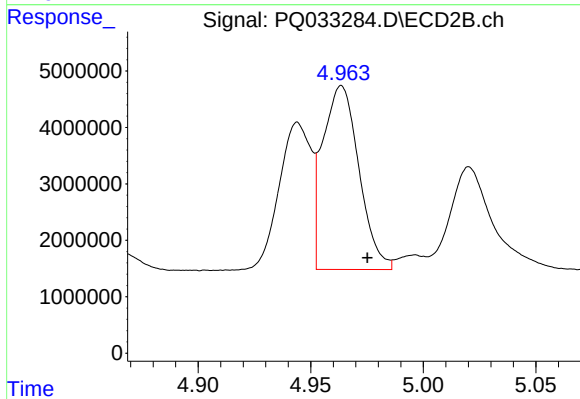
#11 AR-1232-1

R.T.: 4.229 min
Delta R.T.: -0.012 min
Response: 11922786
Conc: 344.54 ng/ml



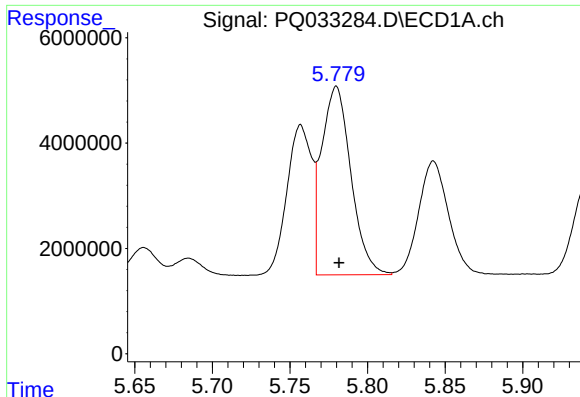
#12 AR-1232-2

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 22432271
Conc: 949.76 ng/ml



#12 AR-1232-2

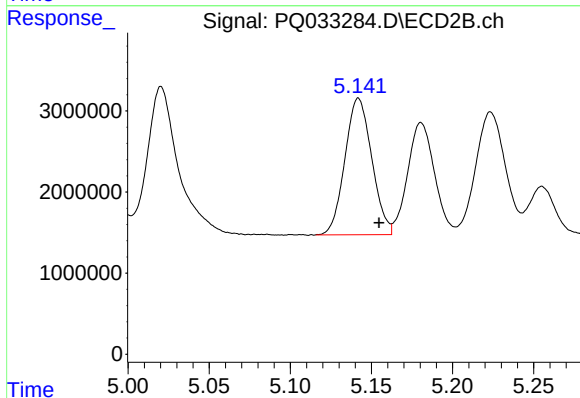
R.T.: 4.964 min
Delta R.T.: -0.012 min
Response: 36478738
Conc: 970.12 ng/ml



#13 AR-1232-3

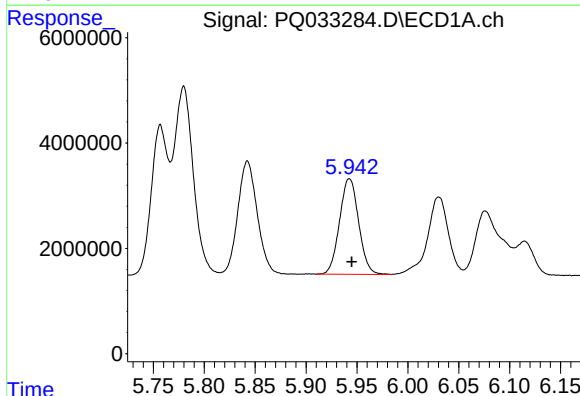
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 47050844
Conc: 984.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



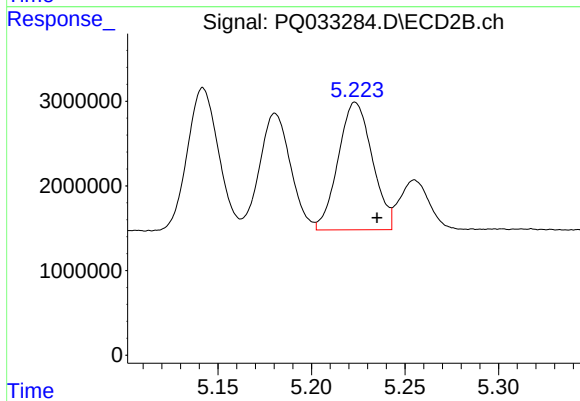
#13 AR-1232-3

R.T.: 5.142 min
Delta R.T.: -0.013 min
Response: 19420263
Conc: 991.55 ng/ml



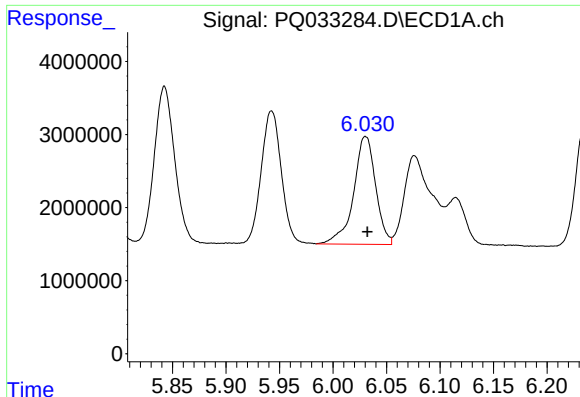
#14 AR-1232-4

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 23741691
Conc: 996.75 ng/ml



#14 AR-1232-4

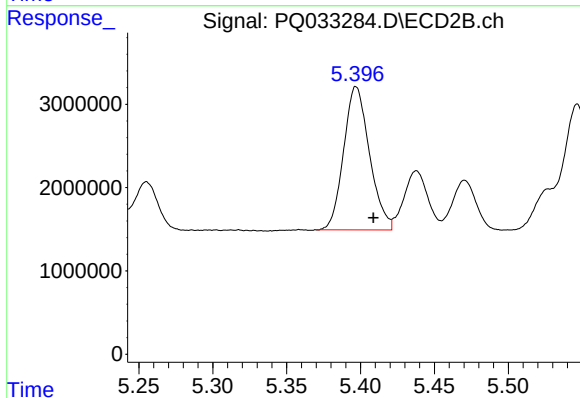
R.T.: 5.223 min
Delta R.T.: -0.012 min
Response: 19105827
Conc: 1113.18 ng/ml



#15 AR-1232-5

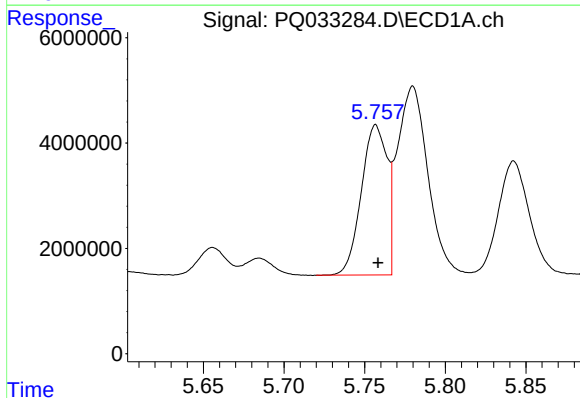
R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 21174530
Conc: 1187.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



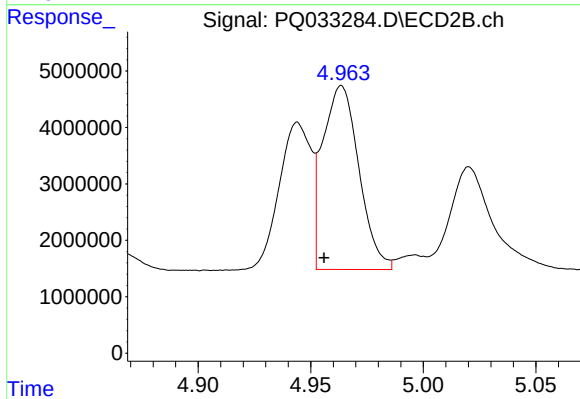
#15 AR-1232-5

R.T.: 5.397 min
Delta R.T.: -0.012 min
Response: 20941064
Conc: 1073.89 ng/ml



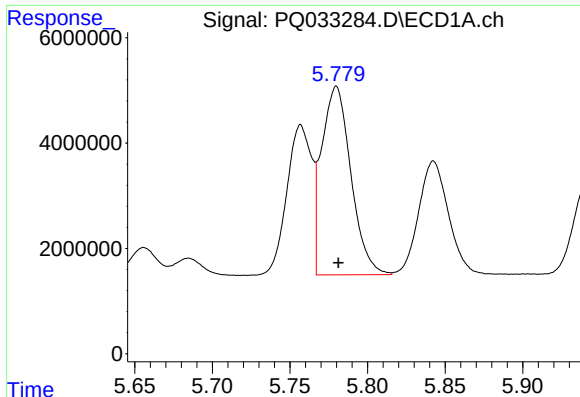
#16 AR-1242-1

R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 31841362
Conc: 533.56 ng/ml



#16 AR-1242-1

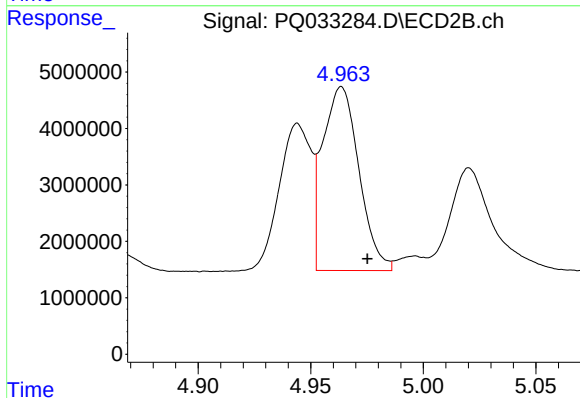
R.T.: 4.964 min
Delta R.T.: 0.008 min
Response: 36478738
Conc: 749.69 ng/ml



#17 AR-1242-2

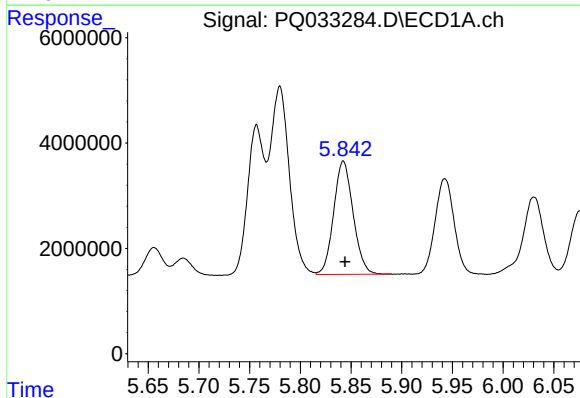
R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 47050844
Conc: 541.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



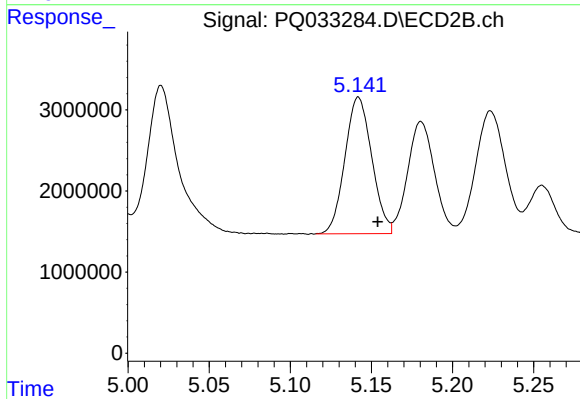
#17 AR-1242-2

R.T.: 4.964 min
Delta R.T.: -0.012 min
Response: 36478738
Conc: 540.43 ng/ml



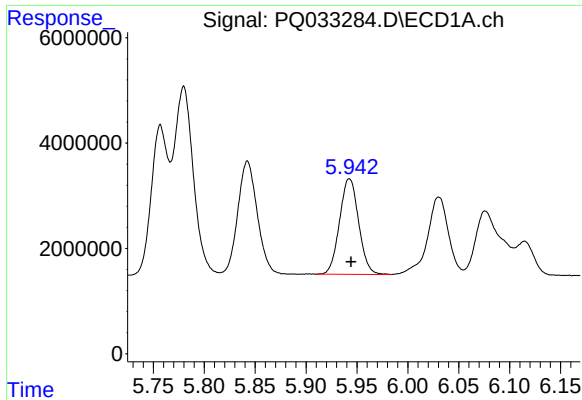
#18 AR-1242-3

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 28690945
Conc: 548.70 ng/ml



#18 AR-1242-3

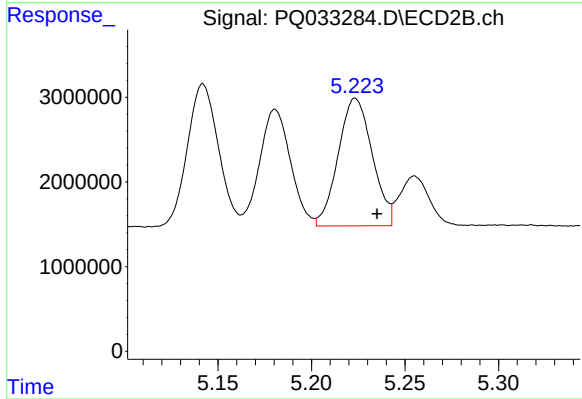
R.T.: 5.142 min
Delta R.T.: -0.012 min
Response: 19420263
Conc: 530.16 ng/ml



#19 AR-1242-4

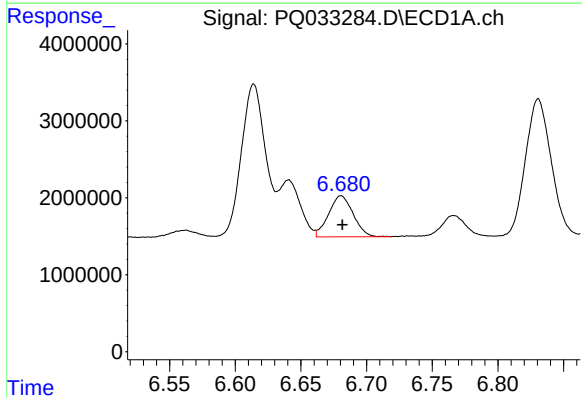
R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 23741691
Conc: 550.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



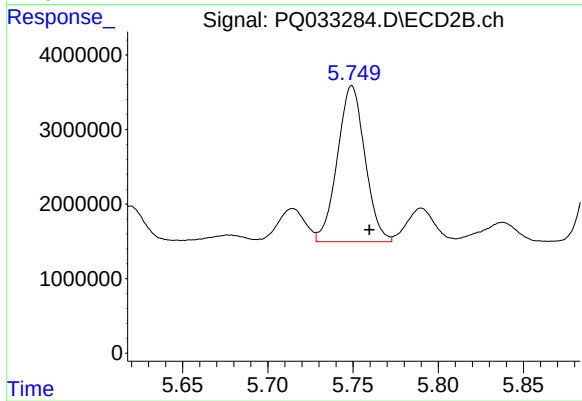
#19 AR-1242-4

R.T.: 5.223 min
Delta R.T.: -0.012 min
Response: 19105827
Conc: 518.71 ng/ml



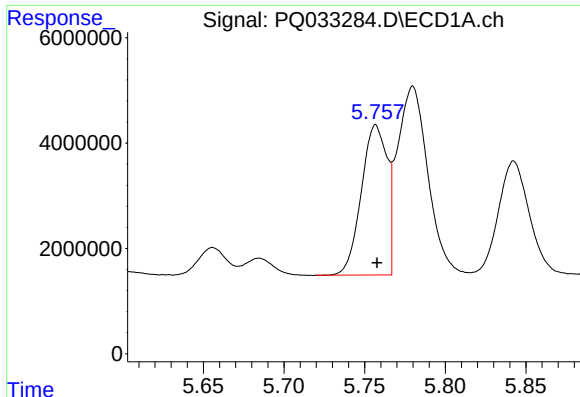
#20 AR-1242-5

R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 6952549
Conc: 141.03 ng/ml



#20 AR-1242-5

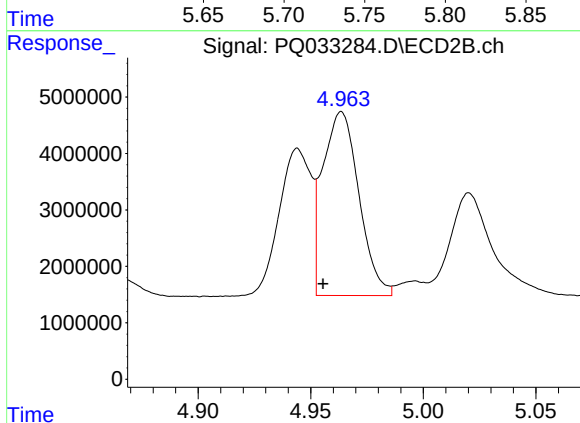
R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 23586494
Conc: 490.98 ng/ml



#21 AR-1248-1

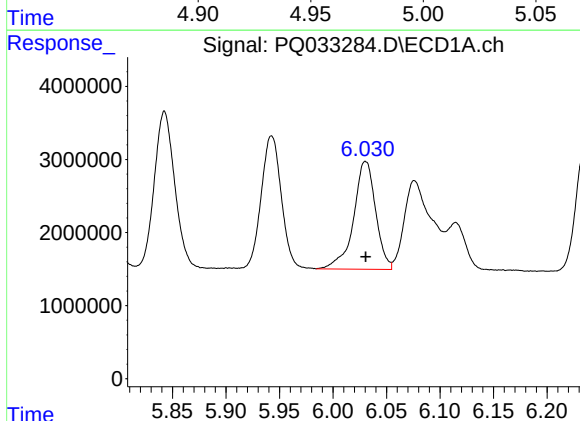
R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 31841362
Conc: 641.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



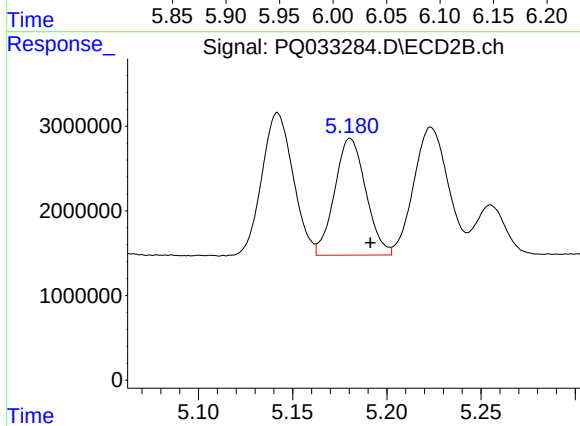
#21 AR-1248-1

R.T.: 4.964 min
Delta R.T.: 0.008 min
Response: 36478738
Conc: 890.16 ng/ml



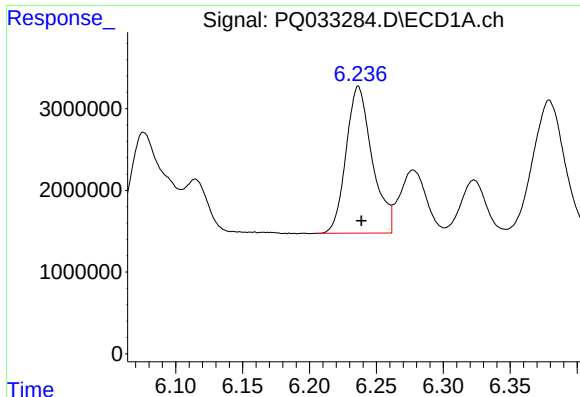
#22 AR-1248-2

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 21174530
Conc: 287.88 ng/ml



#22 AR-1248-2

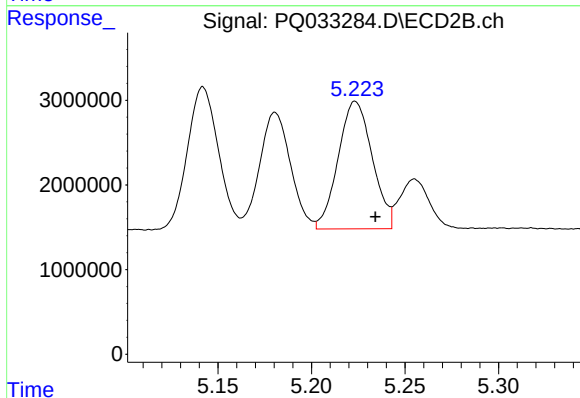
R.T.: 5.181 min
Delta R.T.: -0.011 min
Response: 15916247
Conc: 289.71 ng/ml



#23 AR-1248-3

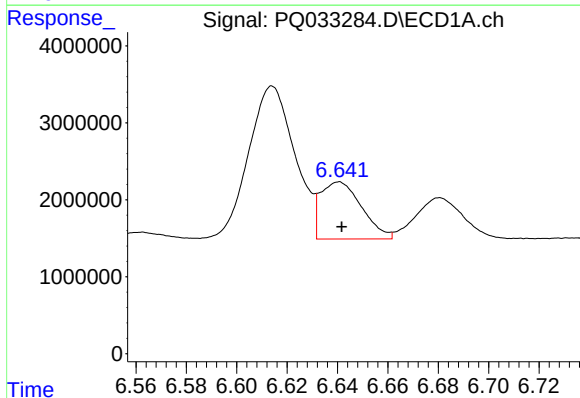
R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 24399942
Conc: 298.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



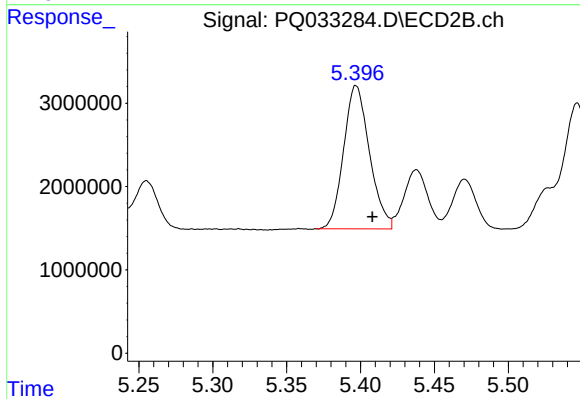
#23 AR-1248-3

R.T.: 5.223 min
Delta R.T.: -0.011 min
Response: 19105827
Conc: 341.16 ng/ml



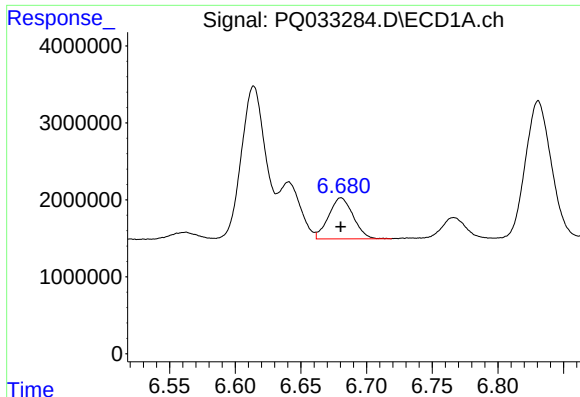
#24 AR-1248-4

R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 8428444
Conc: 89.98 ng/ml



#24 AR-1248-4

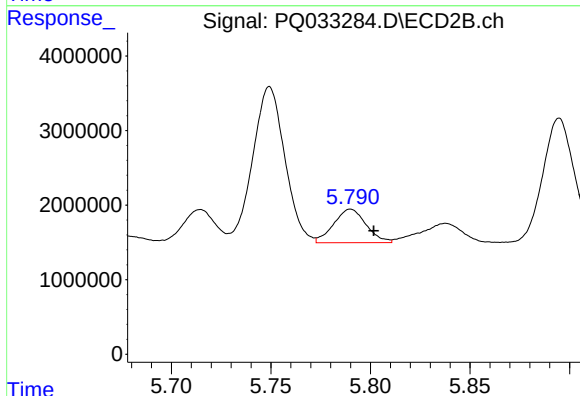
R.T.: 5.397 min
Delta R.T.: -0.011 min
Response: 20941064
Conc: 303.63 ng/ml



#25 AR-1248-5

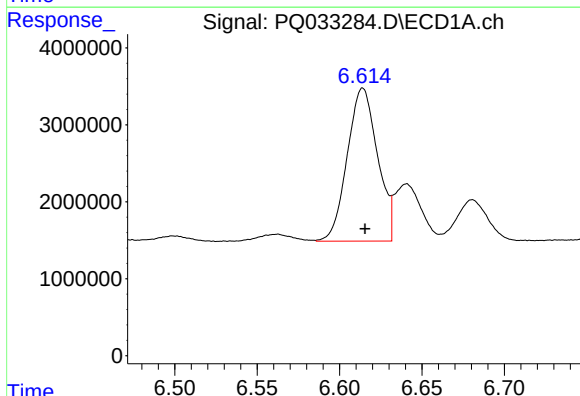
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 6952549
Conc: 78.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



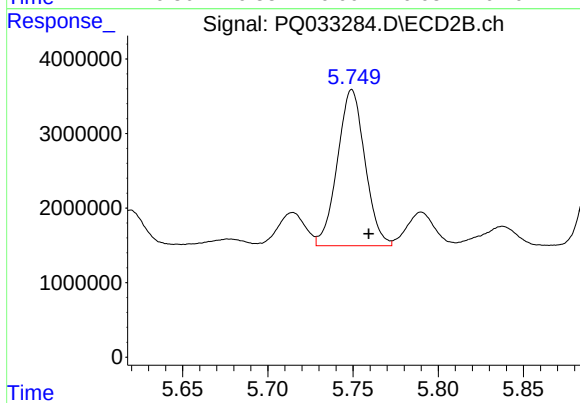
#25 AR-1248-5

R.T.: 5.790 min
Delta R.T.: -0.012 min
Response: 5110029
Conc: 73.92 ng/ml



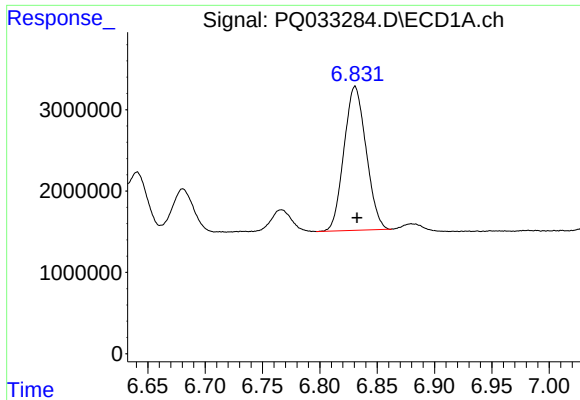
#26 AR-1254-1

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 25447899
Conc: 256.78 ng/ml



#26 AR-1254-1

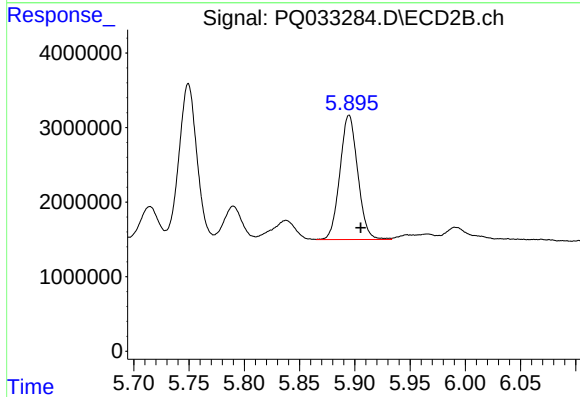
R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 23586494
Conc: 209.36 ng/ml



#27 AR-1254-2

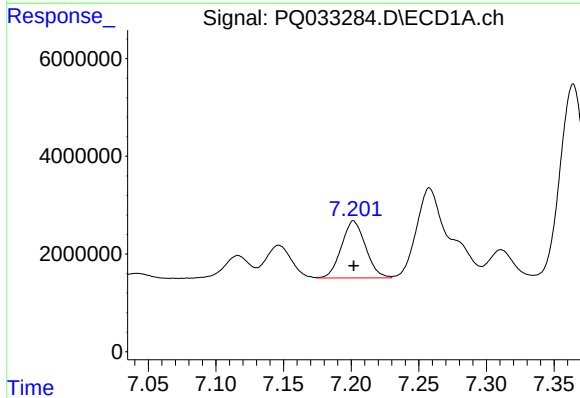
R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 23741044
Conc: 151.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



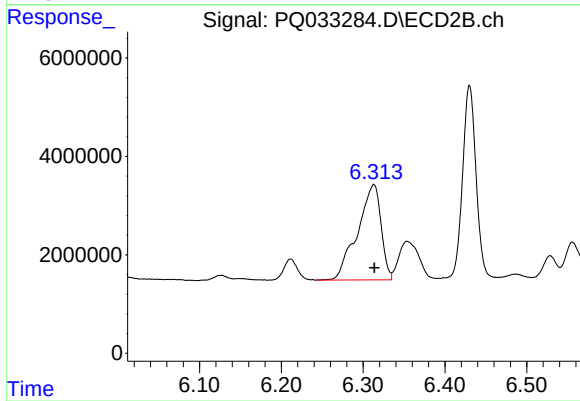
#27 AR-1254-2

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 18763358
Conc: 190.02 ng/ml



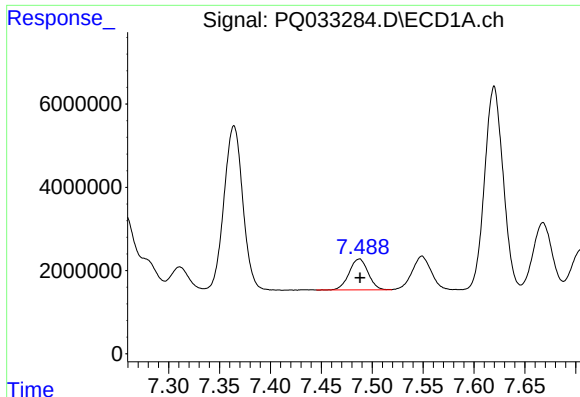
#28 AR-1254-3

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 14541887
Conc: 85.70 ng/ml



#28 AR-1254-3

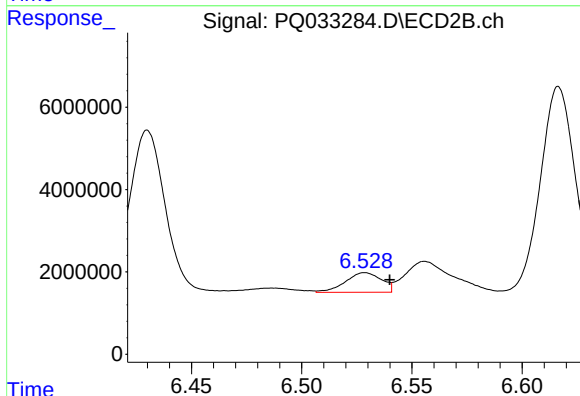
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 38798255
Conc: 233.46 ng/ml



#29 AR-1254-4

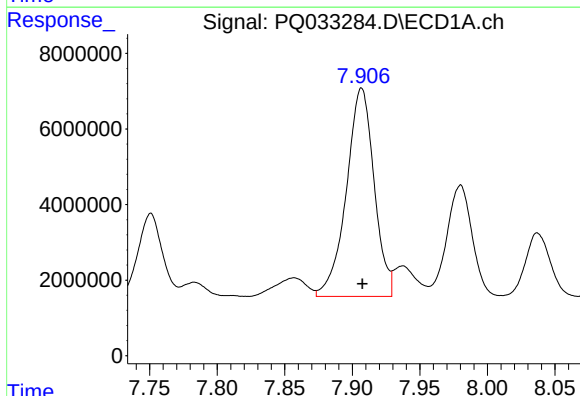
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 9632661
Conc: 78.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



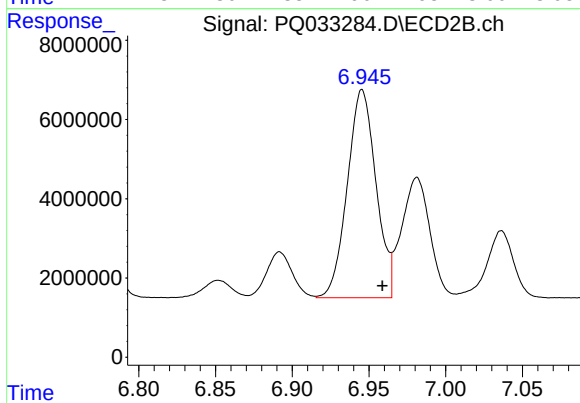
#29 AR-1254-4

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 5406052
Conc: 50.81 ng/ml



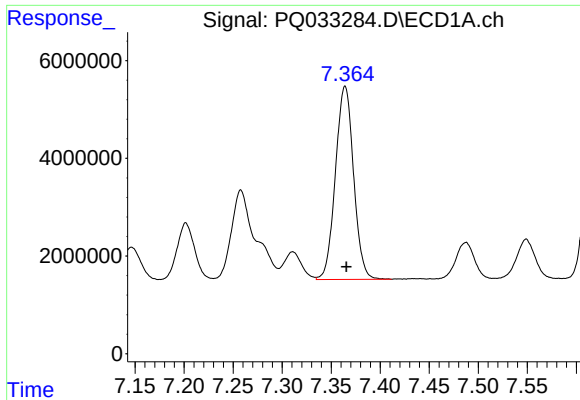
#30 AR-1254-5

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 78810861
Conc: 595.34 ng/ml



#30 AR-1254-5

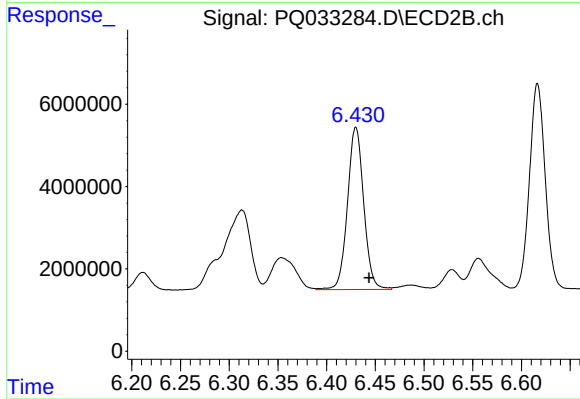
R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 68343532
Conc: 465.29 ng/ml



#31 AR-1260-1

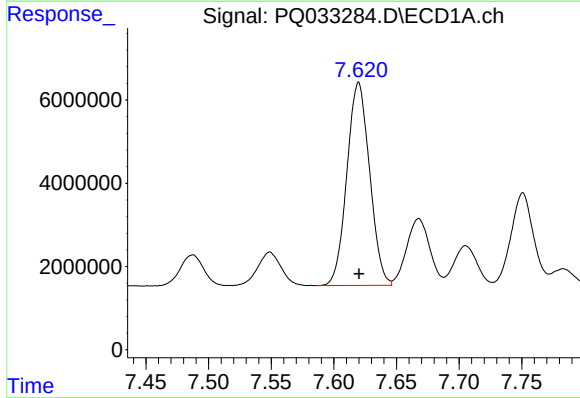
R.T.: 7.364 min
Delta R.T.: -0.001 min
Response: 50994654
Conc: 476.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



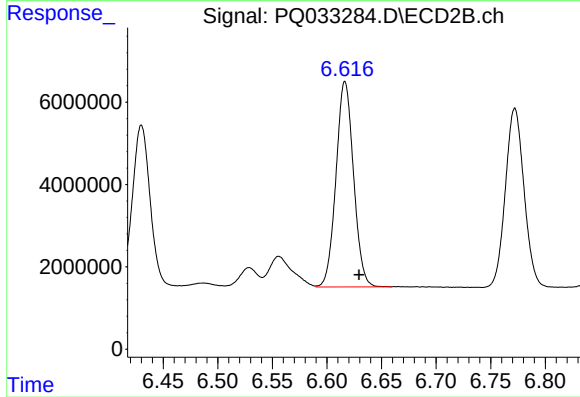
#31 AR-1260-1

R.T.: 6.430 min
Delta R.T.: -0.014 min
Response: 45758238
Conc: 487.18 ng/ml



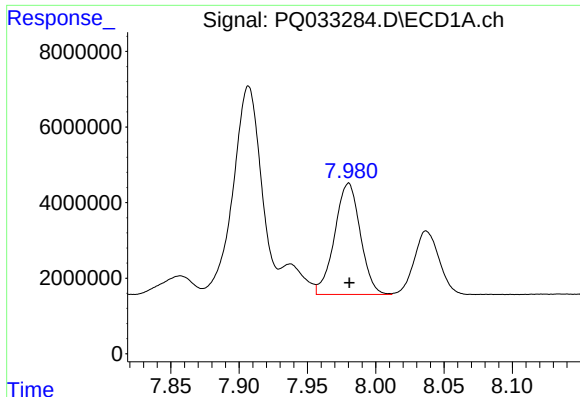
#32 AR-1260-2

R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 61713547
Conc: 488.72 ng/ml



#32 AR-1260-2

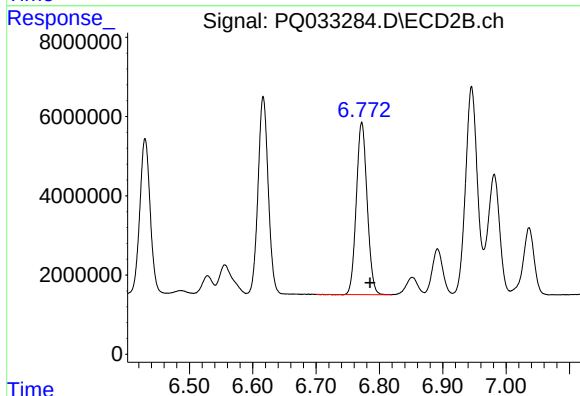
R.T.: 6.617 min
Delta R.T.: -0.013 min
Response: 55877527
Conc: 479.59 ng/ml



#33 AR-1260-3

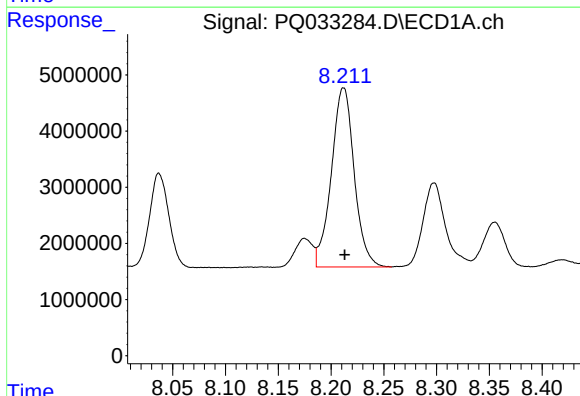
R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 38579471
Conc: 495.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



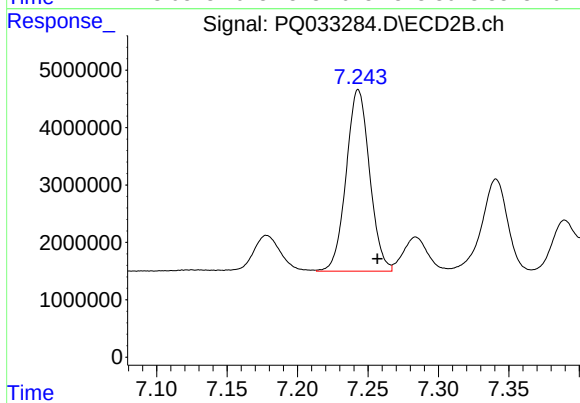
#33 AR-1260-3

R.T.: 6.772 min
Delta R.T.: -0.013 min
Response: 51592836
Conc: 478.41 ng/ml



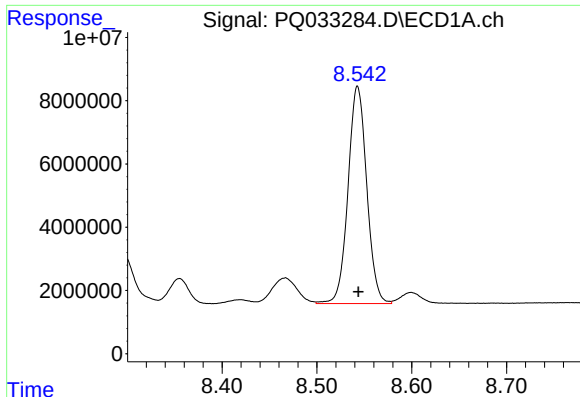
#34 AR-1260-4

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 48060886
Conc: 474.78 ng/ml



#34 AR-1260-4

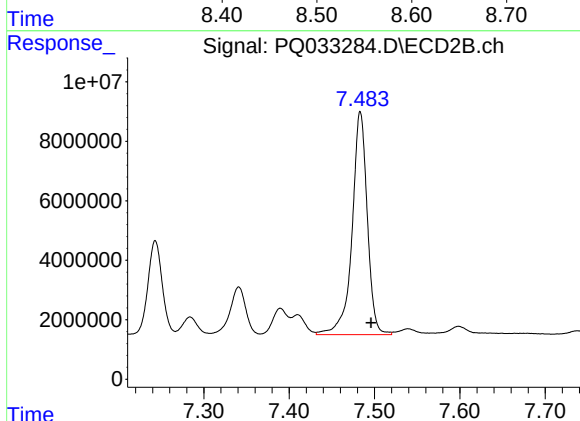
R.T.: 7.243 min
Delta R.T.: -0.014 min
Response: 36630486
Conc: 476.53 ng/ml



#35 AR-1260-5

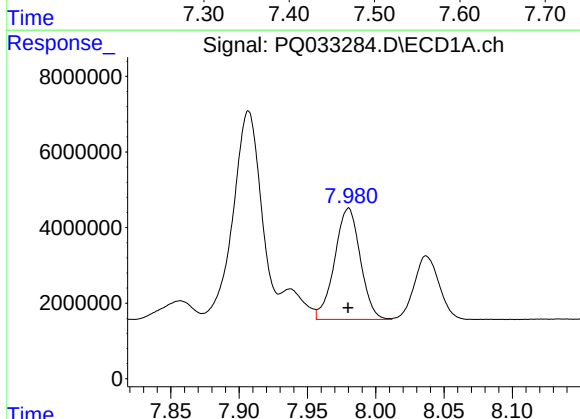
R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 94189965
Conc: 498.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



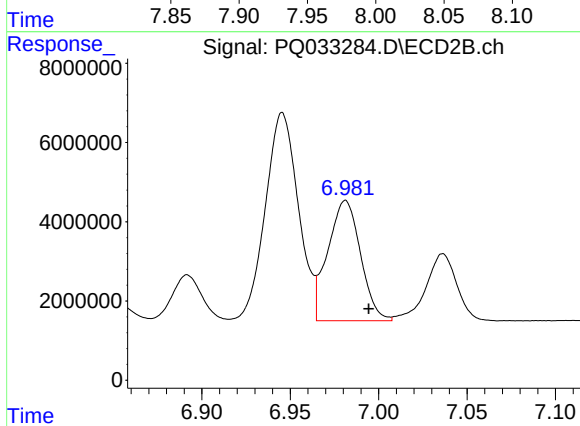
#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: -0.013 min
Response: 93002917
Conc: 484.09 ng/ml



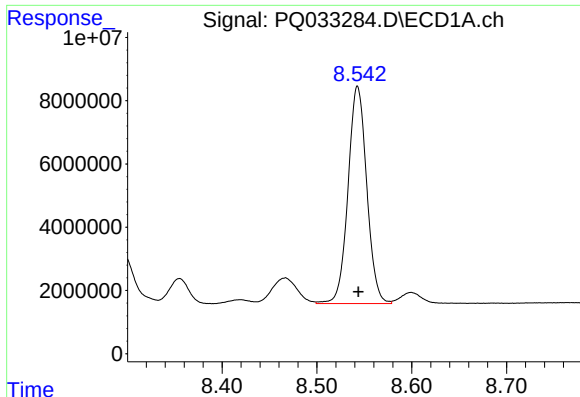
#36 AR-1262-1

R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 38579471
Conc: 286.22 ng/ml



#36 AR-1262-1

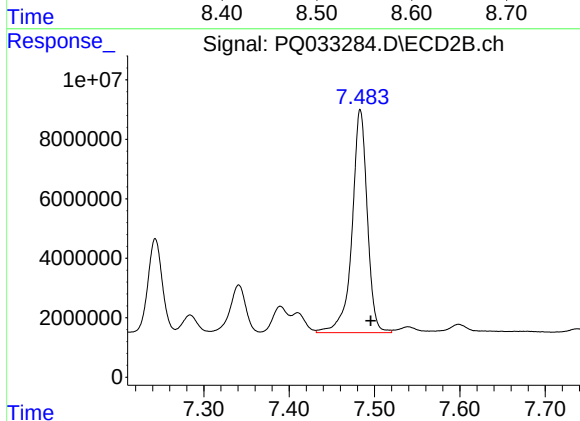
R.T.: 6.981 min
Delta R.T.: -0.013 min
Response: 39184133
Conc: 304.90 ng/ml



#37 AR-1262-2

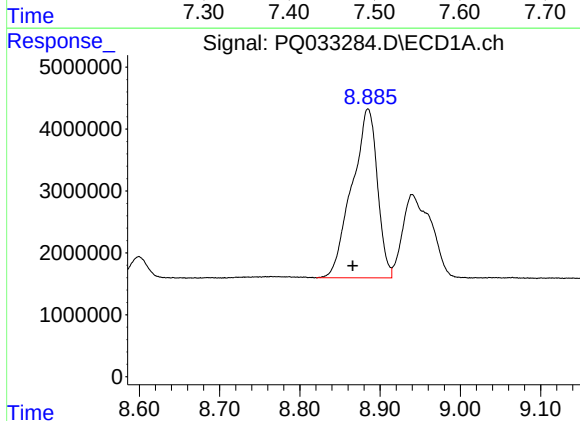
R.T.: 8.543 min
Delta R.T.: -0.001 min
Response: 94189965
Conc: 380.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



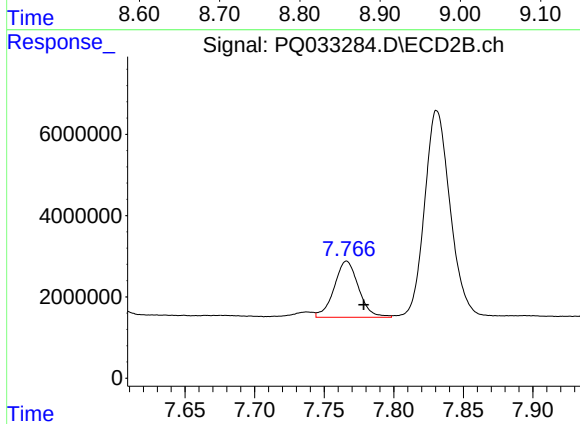
#37 AR-1262-2

R.T.: 7.483 min
Delta R.T.: -0.012 min
Response: 93002917
Conc: 388.26 ng/ml



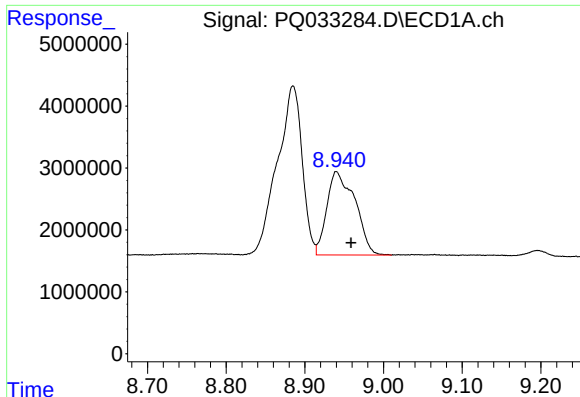
#38 AR-1262-3

R.T.: 8.885 min
Delta R.T.: 0.019 min
Response: 60084401
Conc: 363.25 ng/ml



#38 AR-1262-3

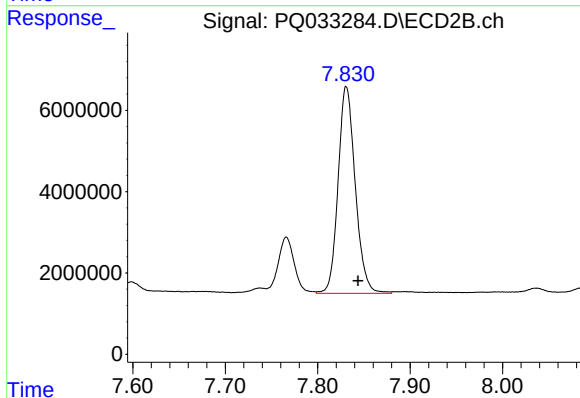
R.T.: 7.766 min
Delta R.T.: -0.012 min
Response: 16865465
Conc: 181.06 ng/ml



#39 AR-1262-4

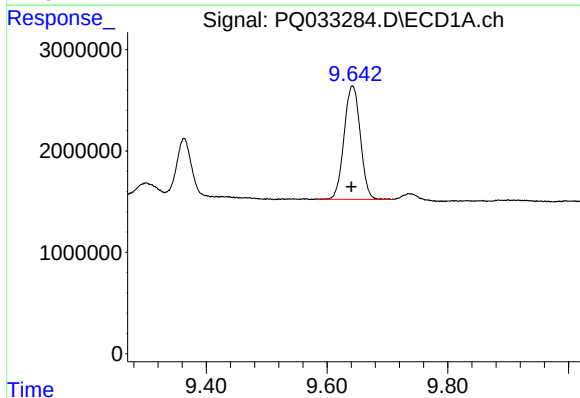
R.T.: 8.940 min
Delta R.T.: -0.019 min
Response: 33452467
Conc: 490.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



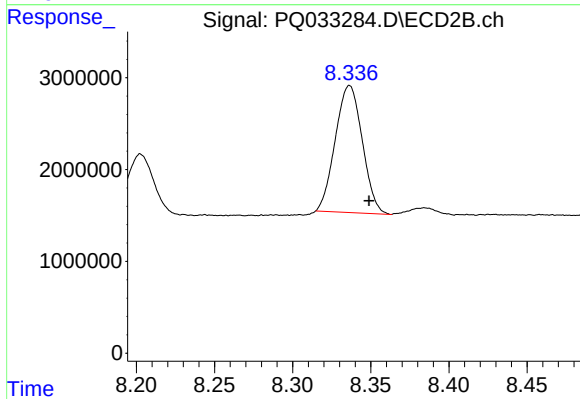
#39 AR-1262-4

R.T.: 7.831 min
Delta R.T.: -0.013 min
Response: 65650635
Conc: 377.10 ng/ml



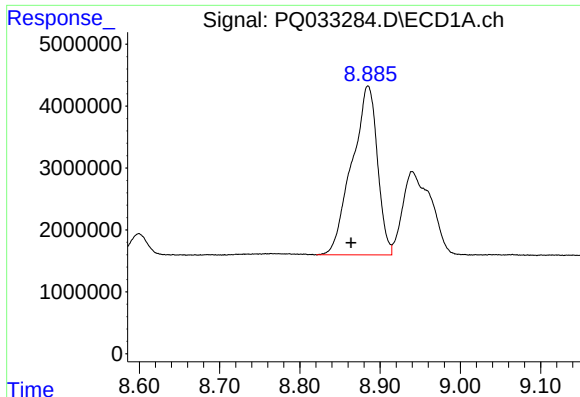
#40 AR-1262-5

R.T.: 9.642 min
Delta R.T.: 0.002 min
Response: 20882133
Conc: 238.68 ng/ml



#40 AR-1262-5

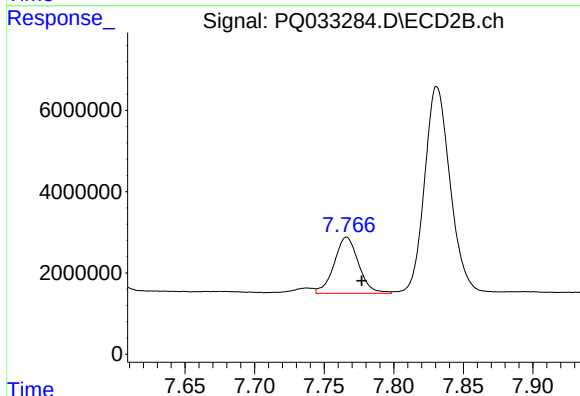
R.T.: 8.336 min
Delta R.T.: -0.013 min
Response: 16645842
Conc: 206.28 ng/ml



#41 AR-1268-1

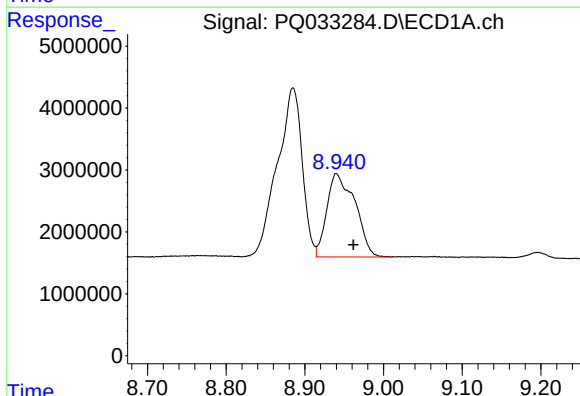
R.T.: 8.885 min
Delta R.T.: 0.021 min
Response: 60084401
Conc: 163.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



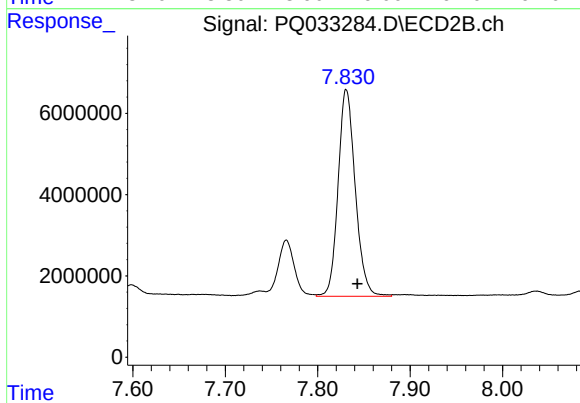
#41 AR-1268-1

R.T.: 7.766 min
Delta R.T.: -0.011 min
Response: 16865465
Conc: 49.33 ng/ml



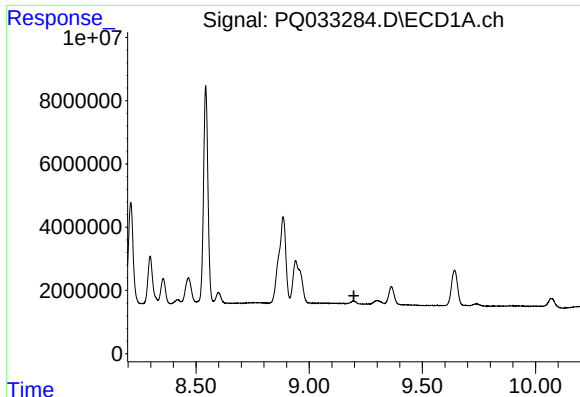
#42 AR-1268-2

R.T.: 8.940 min
Delta R.T.: -0.022 min
Response: 33452467
Conc: 100.37 ng/ml



#42 AR-1268-2

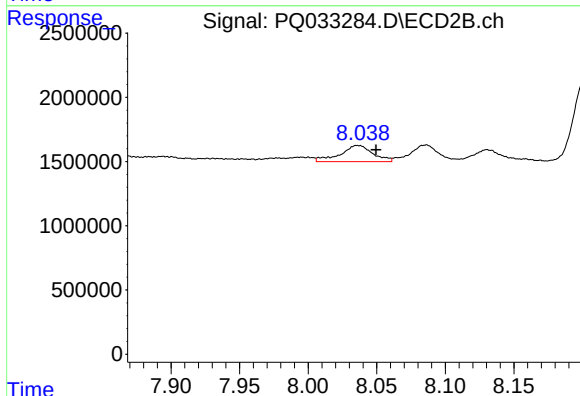
R.T.: 7.831 min
Delta R.T.: -0.012 min
Response: 65650635
Conc: 212.45 ng/ml



#43 AR-1268-3

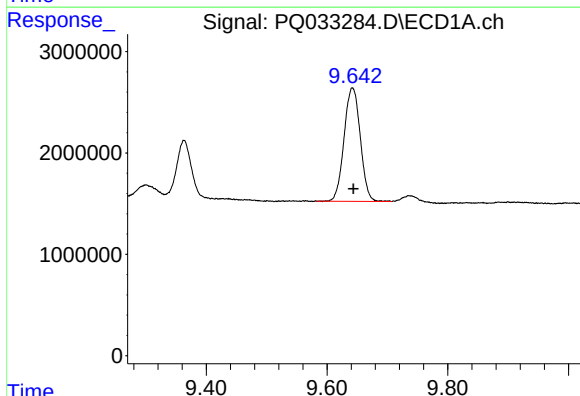
R.T.: 0.000 min
Exp R.T.: 9.197 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



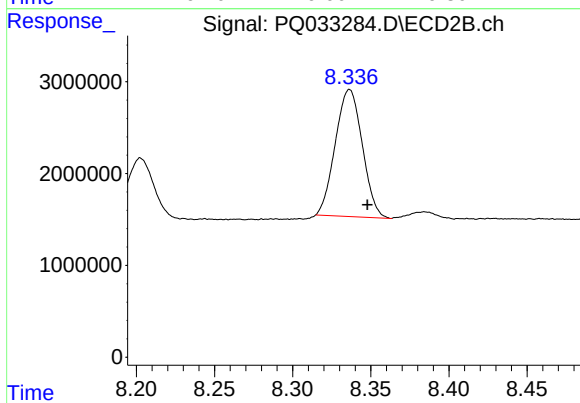
#43 AR-1268-3

R.T.: 8.036 min
Delta R.T.: -0.013 min
Response: 2105751
Conc: 8.23 ng/ml



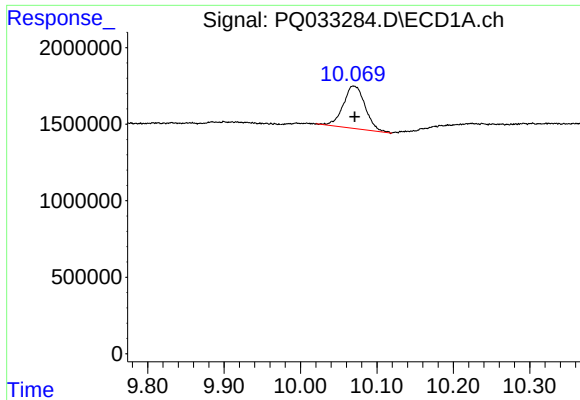
#44 AR-1268-4

R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 20882133
Conc: 172.84 ng/ml



#44 AR-1268-4

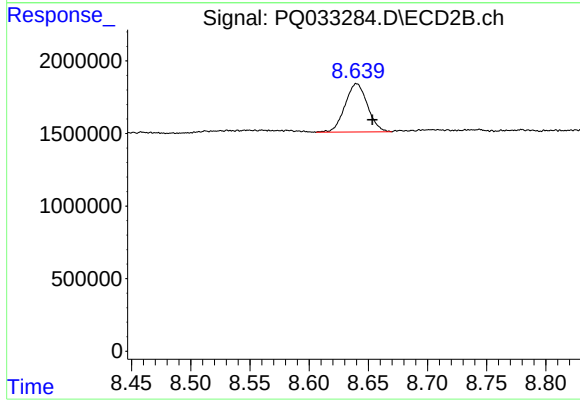
R.T.: 8.336 min
Delta R.T.: -0.011 min
Response: 16645842
Conc: 150.90 ng/ml



#45 AR-1268-5

R.T.: 10.069 min
Delta R.T.: -0.002 min
Response: 5549243
Conc: 6.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.640 min
Delta R.T.: -0.013 min
Response: 4387488
Conc: 5.25 ng/ml