

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
 Data File : PQ037793.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2019 08:58
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660366

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 23:45:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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...	4.214	3.650	125.6E6	62052269	22.074	23.558
2)	SA Decachlor...	9.666	8.534	160.1E6	89517562	31.690	38.585
Target Compounds							
3)	L1 AR-1016-1	5.377	4.725	174.6E6	97538217	604.156	632.215
4)	L1 AR-1016-2	5.377	4.725	174.6E6	97538217	390.744	406.334
5)	L1 AR-1016-3	5.438	4.899	102.1E6	49365492	388.376	405.406
6)	L1 AR-1016-4	5.538	4.938	84830667	39169265	385.853	419.397
7)	L1 AR-1016-5	5.860	5.148	34128345	49472727	158.770	394.971 #
8)	L2 AR-1221-1	4.422	3.855	9626234	5600869	153.624	164.605
9)	L2 AR-1221-2	4.511	3.942	12116389	6867190	275.147	286.318
10)	L2 AR-1221-3	4.586	4.015	58281351	32574588	379.170	385.196
11)	L3 AR-1232-1	4.586	4.015	58281351	32574588	510.693	526.225
12)	L3 AR-1232-2	5.096	4.725	82474362	97538217	1410.724	1419.508
13)	L3 AR-1232-3	5.377	4.899	174.6E6	49365492	1397.891	1417.555
14)	L3 AR-1232-4	5.538	4.978	84830667	48500168	1327.487	1644.872
15)	L3 AR-1232-5	5.662	5.148	71924291	49472727	1577.042	1455.772
16)	L4 AR-1242-1	5.377	4.725	174.6E6	97538217	1064.495	1085.839
17)	L4 AR-1242-2	5.377	4.725	174.6E6	97538217	692.790	715.278
18)	L4 AR-1242-3	5.438	4.899	102.1E6	49365492	674.846	699.908
19)	L4 AR-1242-4	5.538	4.978	84830667	48500168	673.918	706.852
20)	L4 AR-1242-5	6.255	5.490	26896418	51924185	193.813	593.899 #
21)	L5 AR-1248-1	5.377	4.725	174.6E6	97538217	1483.652	1462.160
22)	L5 AR-1248-2	5.662	4.938	71924291	39169265	419.240	433.281
23)	L5 AR-1248-3	5.860	4.978	34128345	48500168	175.664	525.501 #
24)	L5 AR-1248-4	6.255	5.148	26896418	49472727	118.294	435.961 #
25)	L5 AR-1248-5	6.255	5.532	26896418	13815793	124.539	125.838
26)	L6 AR-1254-1	6.218	5.490	30245862	51924185	142.810	313.150 #
27)	L6 AR-1254-2	6.397	5.634	67904790	38721570	202.501	271.896 #
28)	L6 AR-1254-3	6.814	6.040	106.6E6	63934364	307.145	280.216
29)	L6 AR-1254-4	7.102	6.283	28545975	20456556	103.146	119.115
30)	L6 AR-1254-5	7.490	6.666	25875305	120.6E6	93.621	623.065 #
31)	L7 AR-1260-1	6.920	6.155	153.9E6	96529971	346.382	380.739
32)	L7 AR-1260-2	7.224	6.342	52601568	116.7E6	90.975	379.668 #
33)	L7 AR-1260-3	7.582	6.492	78585619	107.0E6	175.908	376.794 #
34)	L7 AR-1260-4	7.754	6.954	154.6E6	82832038	352.870	376.352
35)	L7 AR-1260-5	8.104	7.198	18876380	198.6E6	18.832	376.230 #
36)	L8 AR-1262-1	7.525	6.697	161.2E6	92943767	403.520	444.108
37)	L8 AR-1262-2	8.104	7.198	18876380	198.6E6	27.249	536.216 #
38)	L8 AR-1262-3	8.369	7.470	103.9E6	40600789	347.084	277.782
39)	L8 AR-1262-4	8.417	7.538	113.0E6	137.0E6	321.649	513.592 #
40)	L8 AR-1262-5	9.027	8.031	91952176	42893823	385.561	367.148
41)	L9 AR-1268-1	8.369	7.470	103.9E6	40600789	77.521	61.982

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 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

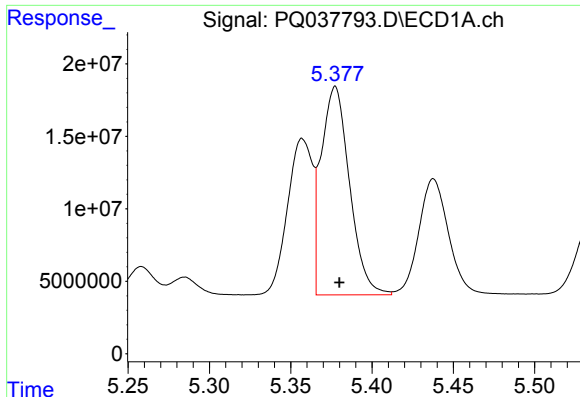
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660366

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 23:45:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
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 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	8.417	7.538	113.0E6	137.0E6	91.747	229.021 #
43) L9	AR-1268-3	8.621	7.730	4217934	1993364	3.849	4.004
44) L9	AR-1268-4	9.027	8.031	91952176	42893823	230.538	218.845
45) L9	AR-1268-5	9.385	8.305	23548705	10738567	7.244	6.979

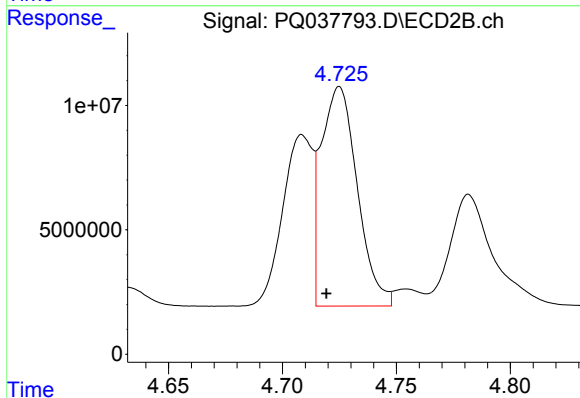
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

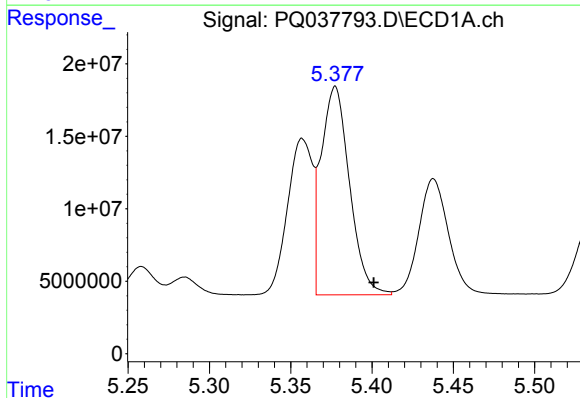
R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 174616264
Conc: 604.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



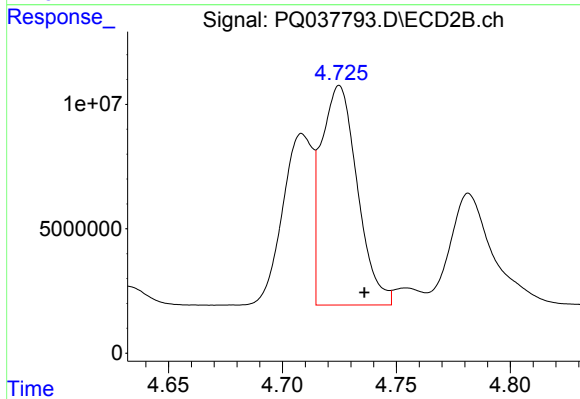
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.006 min
Response: 97538217
Conc: 632.21 ng/ml



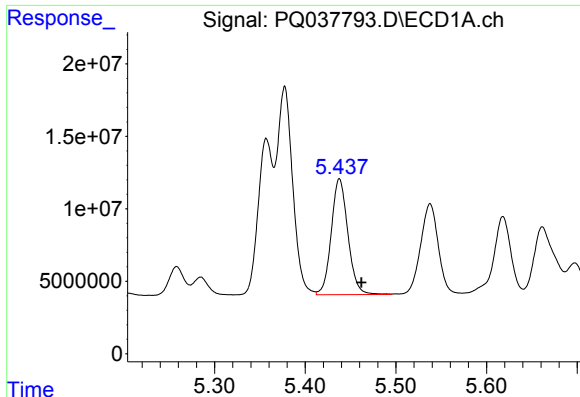
#4 AR-1016-2

R.T.: 5.377 min
Delta R.T.: -0.024 min
Response: 174616264
Conc: 390.74 ng/ml



#4 AR-1016-2

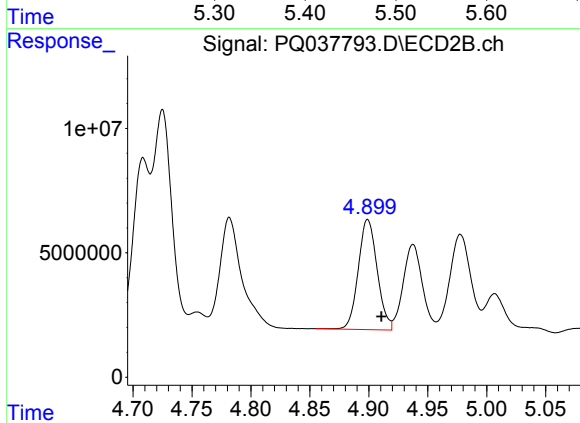
R.T.: 4.725 min
Delta R.T.: -0.011 min
Response: 97538217
Conc: 406.33 ng/ml



#5 AR-1016-3

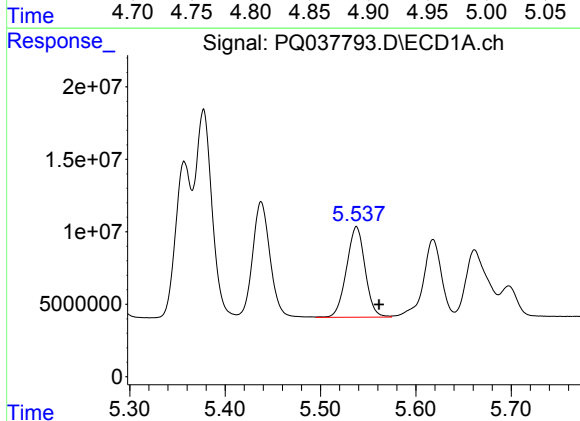
R.T.: 5.438 min
Delta R.T.: -0.024 min
Response: 102078496
Conc: 388.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



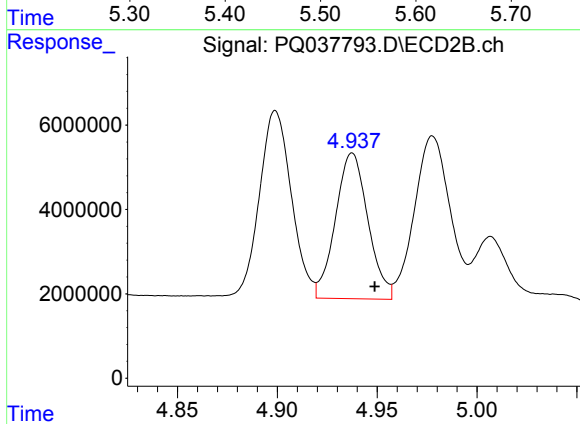
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.011 min
Response: 49365492
Conc: 405.41 ng/ml



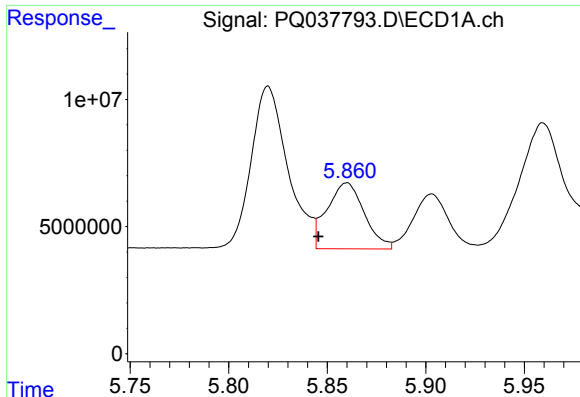
#6 AR-1016-4

R.T.: 5.538 min
Delta R.T.: -0.024 min
Response: 84830667
Conc: 385.85 ng/ml



#6 AR-1016-4

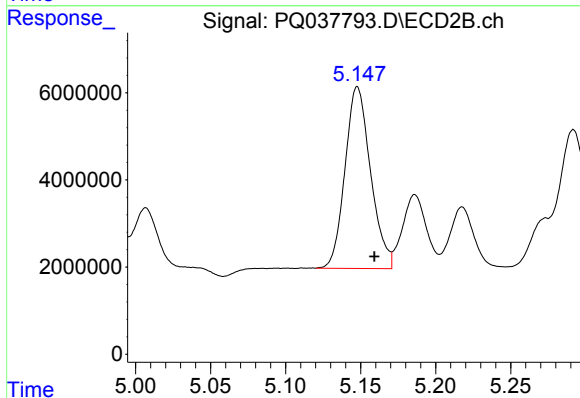
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 39169265
Conc: 419.40 ng/ml



#7 AR-1016-5

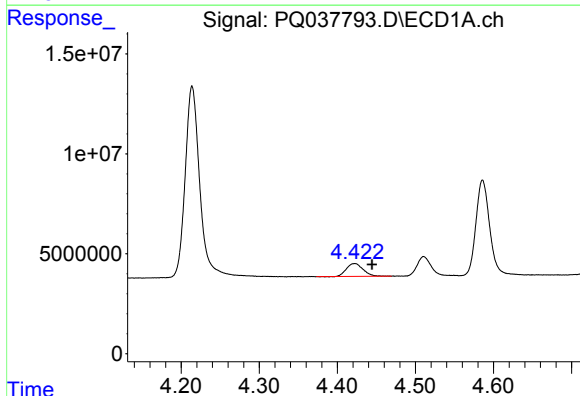
R.T.: 5.860 min
Delta R.T.: 0.014 min
Response: 34128345
Conc: 158.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



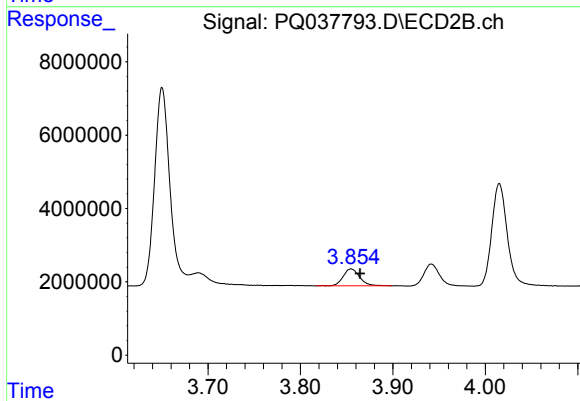
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 49472727
Conc: 394.97 ng/ml



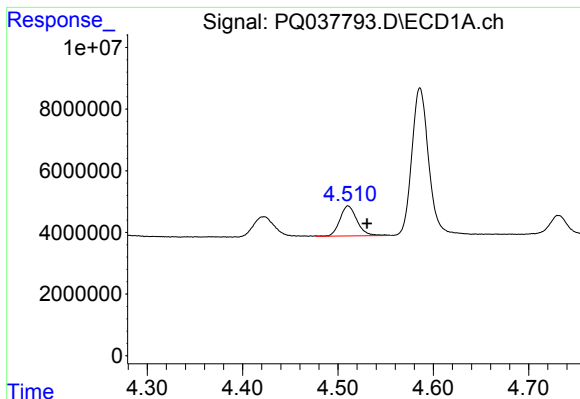
#8 AR-1221-1

R.T.: 4.422 min
Delta R.T.: -0.022 min
Response: 9626234
Conc: 153.62 ng/ml



#8 AR-1221-1

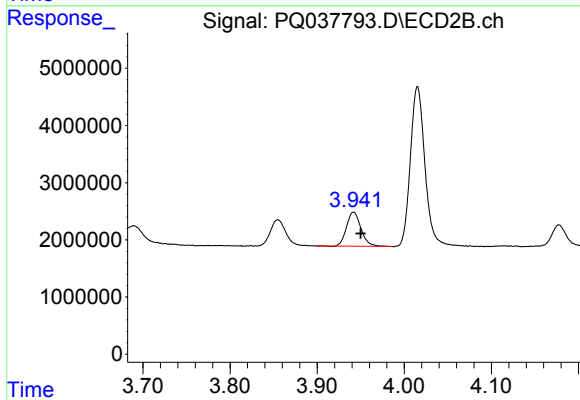
R.T.: 3.855 min
Delta R.T.: -0.010 min
Response: 5600869
Conc: 164.60 ng/ml



#9 AR-1221-2

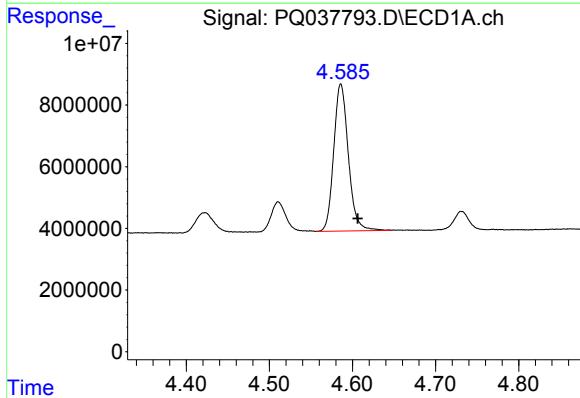
R.T.: 4.511 min
Delta R.T.: -0.020 min
Response: 12116389
Conc: 275.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



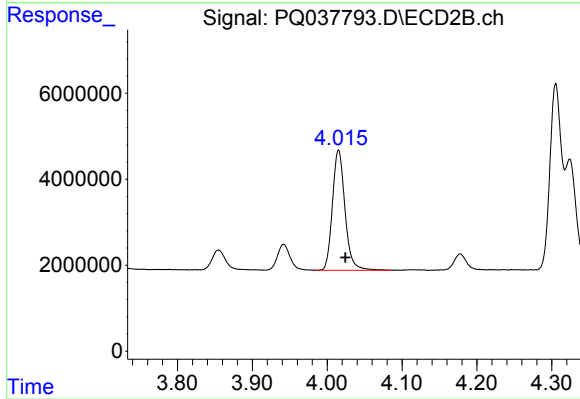
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: -0.008 min
Response: 6867190
Conc: 286.32 ng/ml



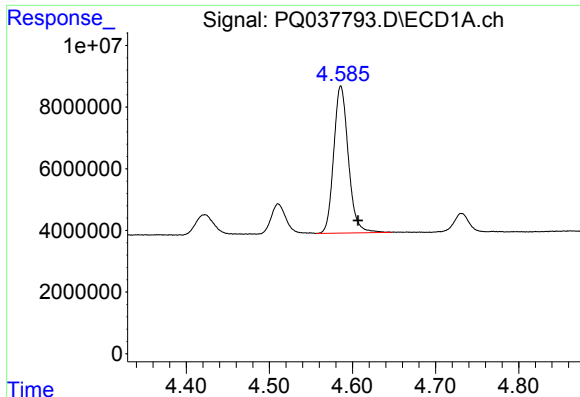
#10 AR-1221-3

R.T.: 4.586 min
Delta R.T.: -0.020 min
Response: 58281351
Conc: 379.17 ng/ml



#10 AR-1221-3

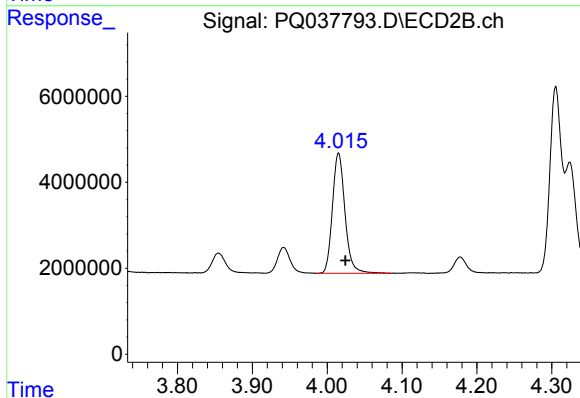
R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 32574588
Conc: 385.20 ng/ml



#11 AR-1232-1

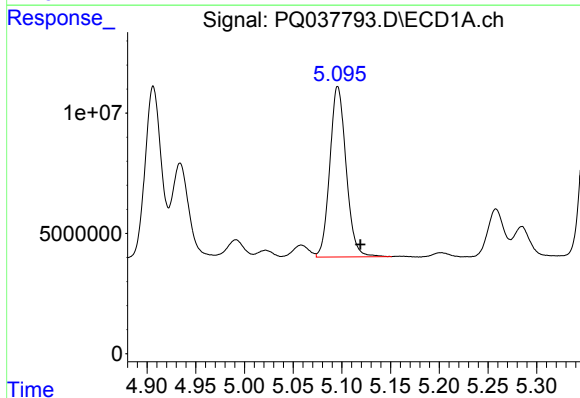
R.T.: 4.586 min
Delta R.T.: -0.021 min
Response: 58281351
Conc: 510.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



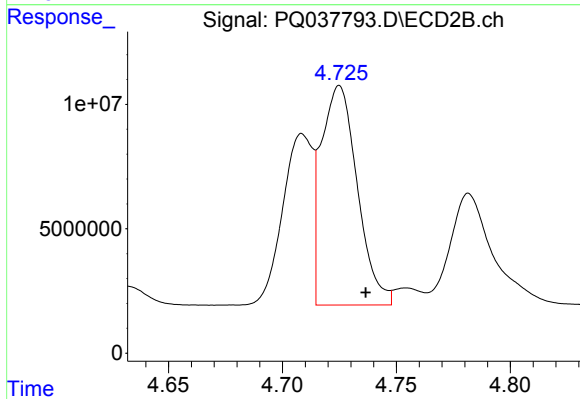
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 32574588
Conc: 526.23 ng/ml



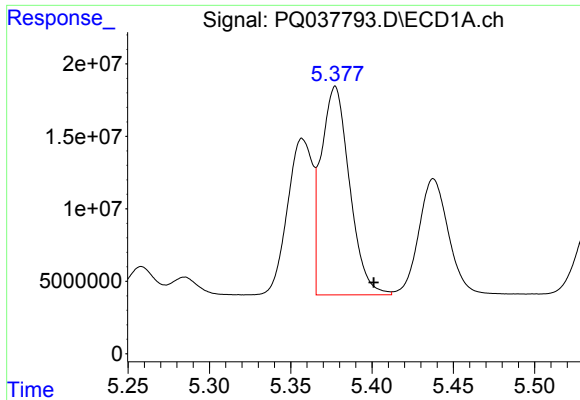
#12 AR-1232-2

R.T.: 5.096 min
Delta R.T.: -0.023 min
Response: 82474362
Conc: 1410.72 ng/ml



#12 AR-1232-2

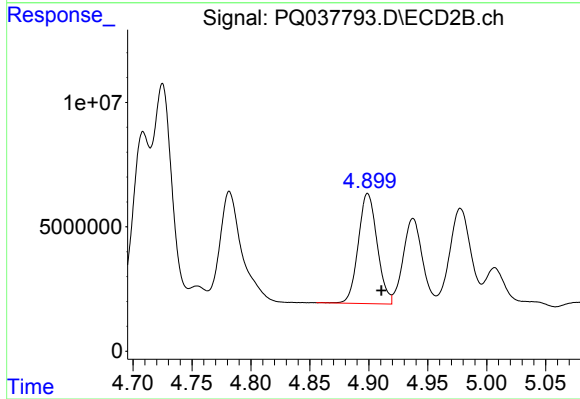
R.T.: 4.725 min
Delta R.T.: -0.012 min
Response: 97538217
Conc: 1419.51 ng/ml



#13 AR-1232-3

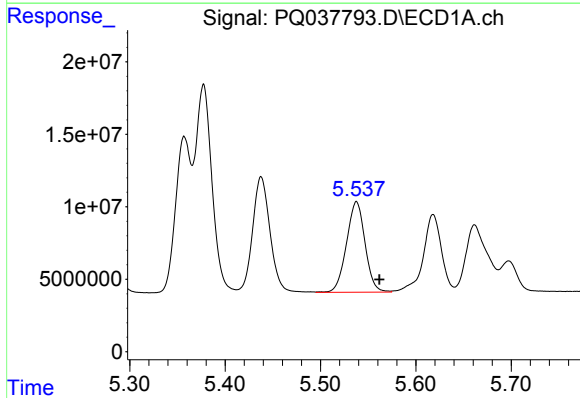
R.T.: 5.377 min
Delta R.T.: -0.024 min
Response: 174616264
Conc: 1397.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



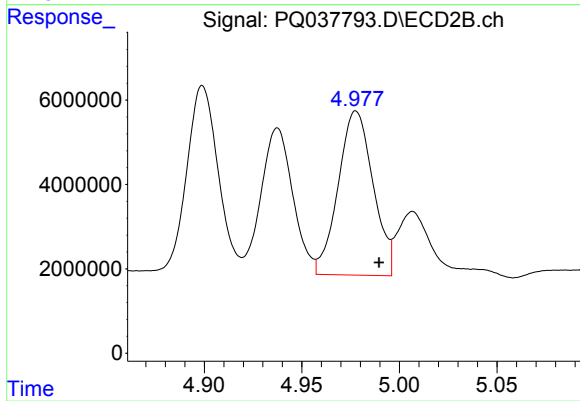
#13 AR-1232-3

R.T.: 4.899 min
Delta R.T.: -0.012 min
Response: 49365492
Conc: 1417.56 ng/ml



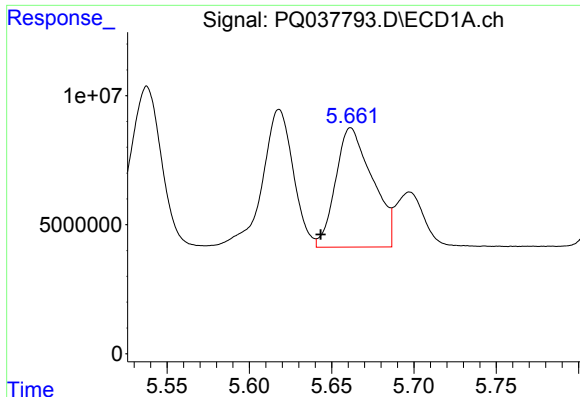
#14 AR-1232-4

R.T.: 5.538 min
Delta R.T.: -0.024 min
Response: 84830667
Conc: 1327.49 ng/ml



#14 AR-1232-4

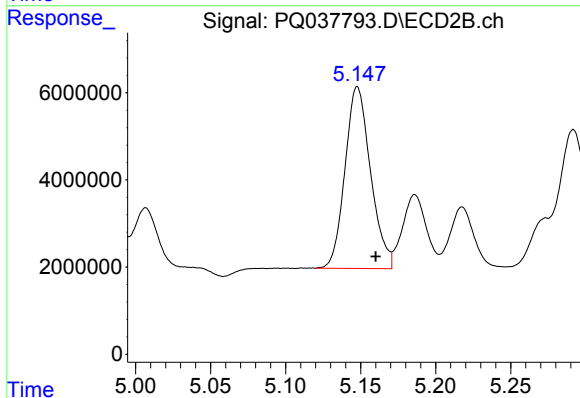
R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 48500168
Conc: 1644.87 ng/ml



#15 AR-1232-5

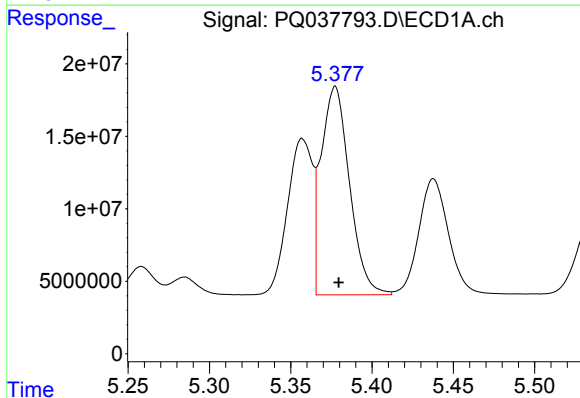
R.T.: 5.662 min
Delta R.T.: 0.018 min
Response: 71924291
Conc: 1577.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



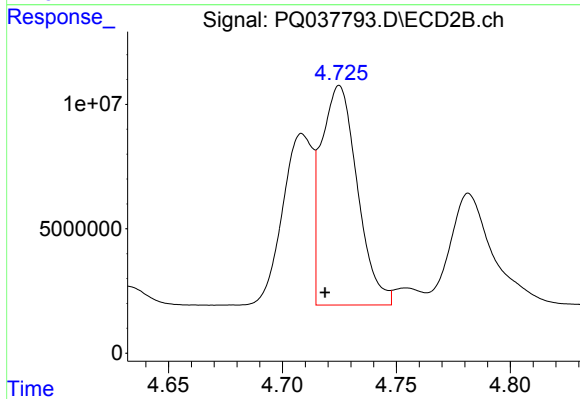
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 49472727
Conc: 1455.77 ng/ml



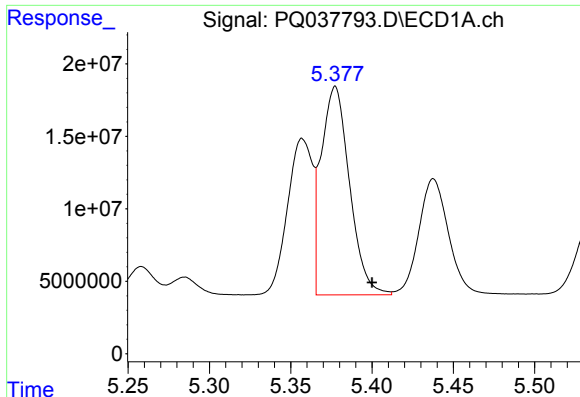
#16 AR-1242-1

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 174616264
Conc: 1064.50 ng/ml



#16 AR-1242-1

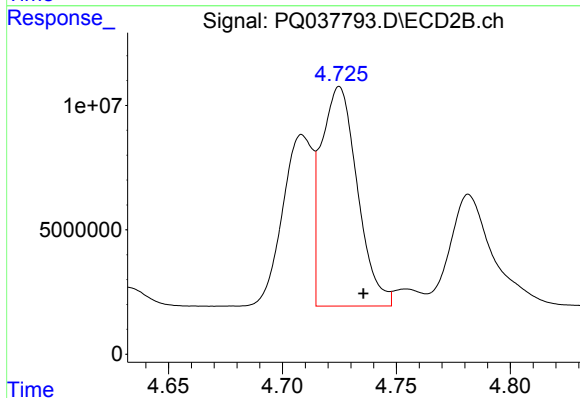
R.T.: 4.725 min
Delta R.T.: 0.006 min
Response: 97538217
Conc: 1085.84 ng/ml



#17 AR-1242-2

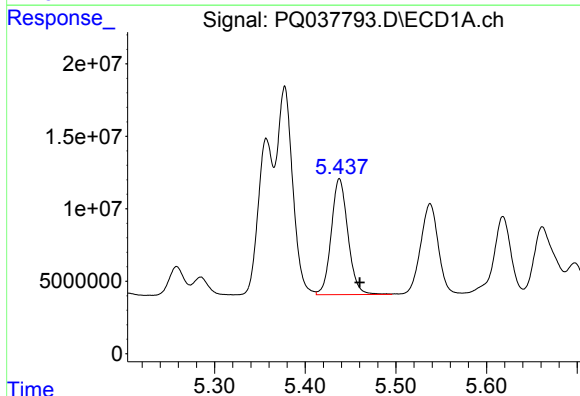
R.T.: 5.377 min
Delta R.T.: -0.023 min
Response: 174616264
Conc: 692.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



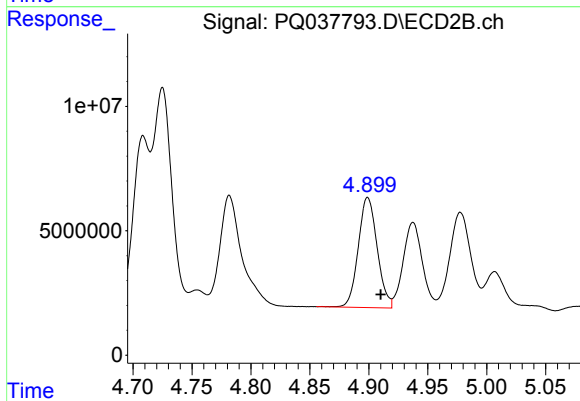
#17 AR-1242-2

R.T.: 4.725 min
Delta R.T.: -0.011 min
Response: 97538217
Conc: 715.28 ng/ml



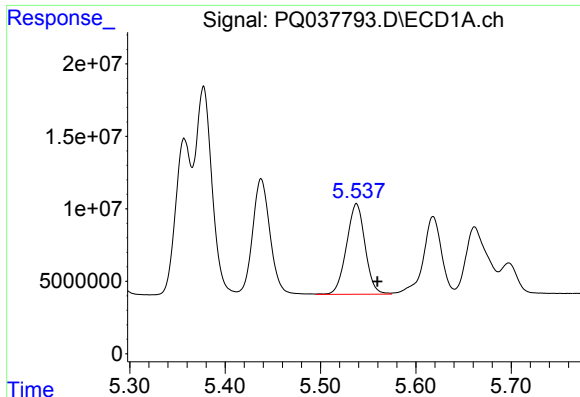
#18 AR-1242-3

R.T.: 5.438 min
Delta R.T.: -0.022 min
Response: 102078496
Conc: 674.85 ng/ml



#18 AR-1242-3

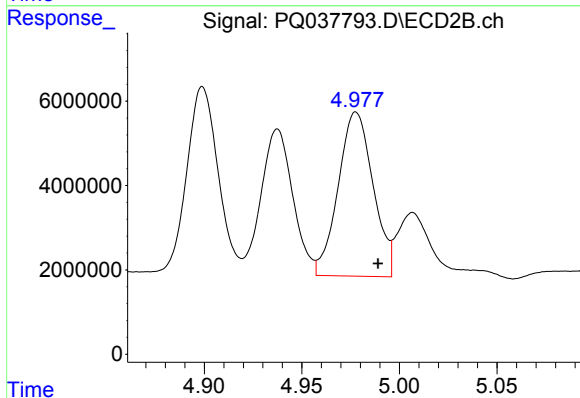
R.T.: 4.899 min
Delta R.T.: -0.011 min
Response: 49365492
Conc: 699.91 ng/ml



#19 AR-1242-4

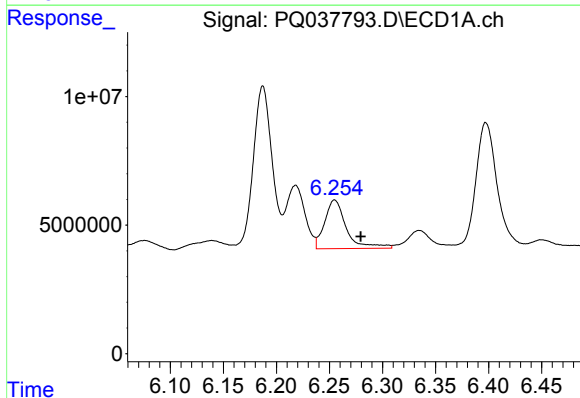
R.T.: 5.538 min
Delta R.T.: -0.022 min
Response: 84830667
Conc: 673.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



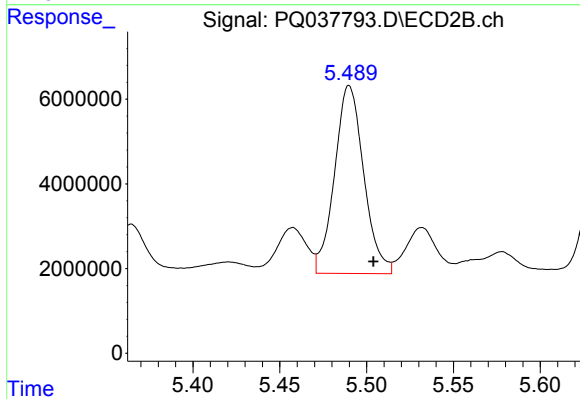
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 48500168
Conc: 706.85 ng/ml



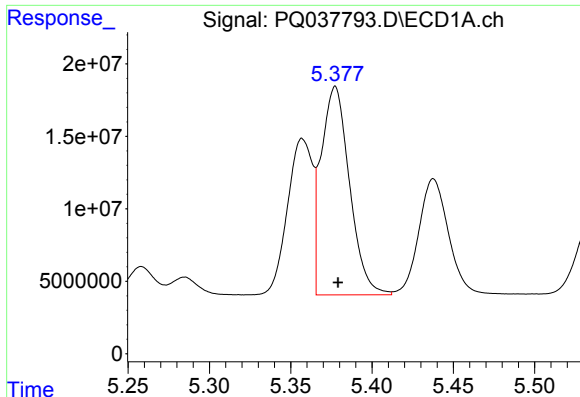
#20 AR-1242-5

R.T.: 6.255 min
Delta R.T.: -0.025 min
Response: 26896418
Conc: 193.81 ng/ml



#20 AR-1242-5

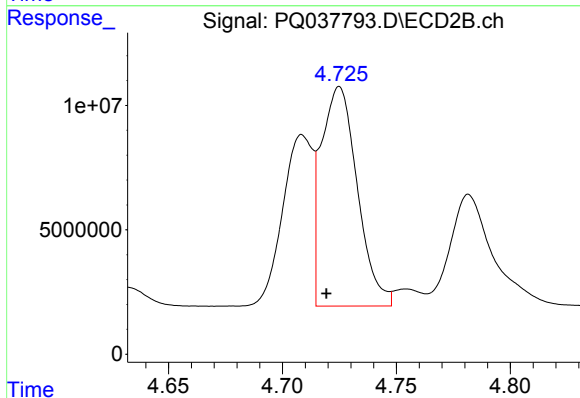
R.T.: 5.490 min
Delta R.T.: -0.014 min
Response: 51924185
Conc: 593.90 ng/ml



#21 AR-1248-1

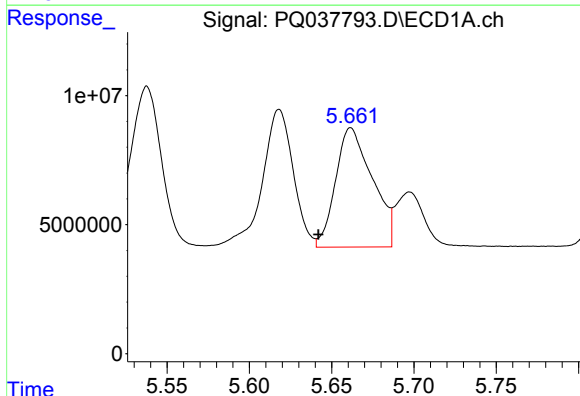
R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 174616264
Conc: 1483.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



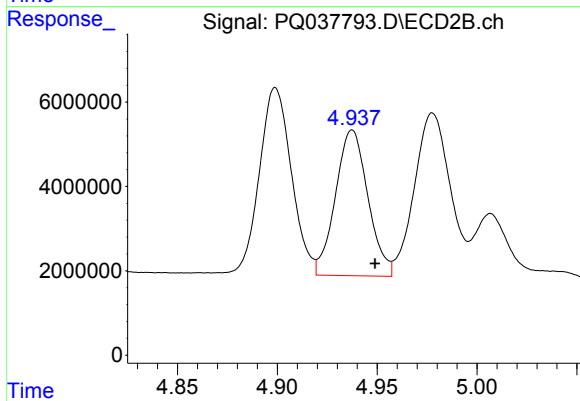
#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: 0.006 min
Response: 97538217
Conc: 1462.16 ng/ml



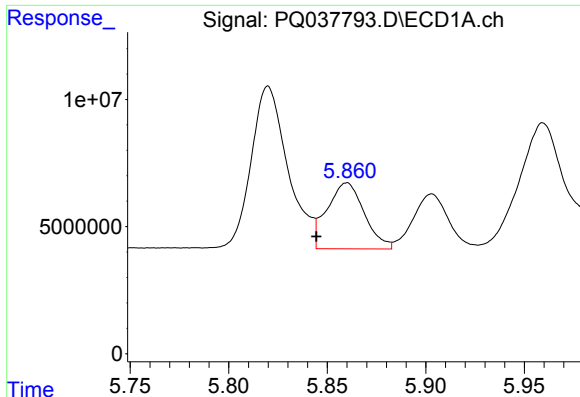
#22 AR-1248-2

R.T.: 5.662 min
Delta R.T.: 0.020 min
Response: 71924291
Conc: 419.24 ng/ml



#22 AR-1248-2

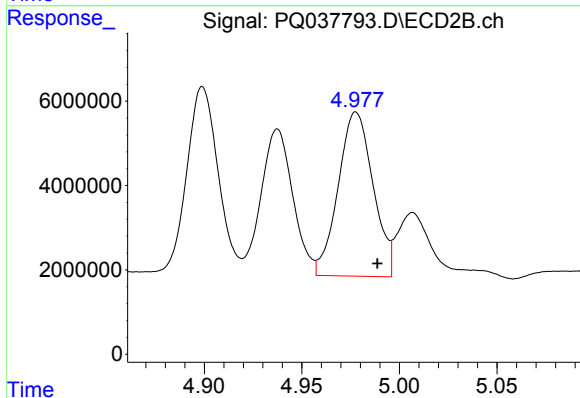
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 39169265
Conc: 433.28 ng/ml



#23 AR-1248-3

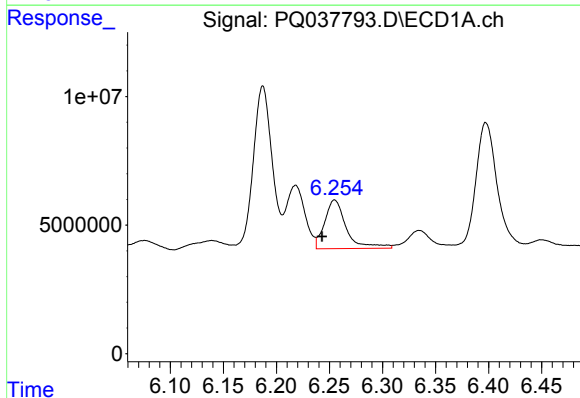
R.T.: 5.860 min
Delta R.T.: 0.015 min
Response: 34128345
Conc: 175.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



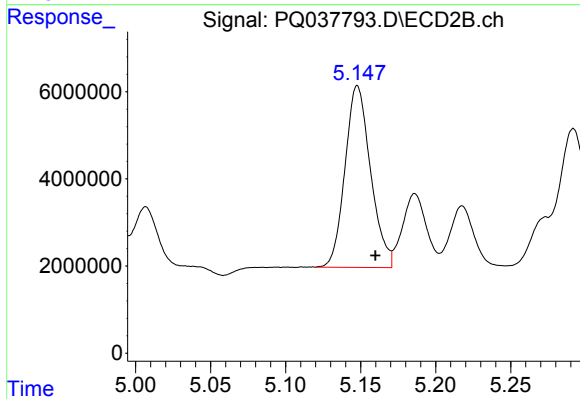
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 48500168
Conc: 525.50 ng/ml



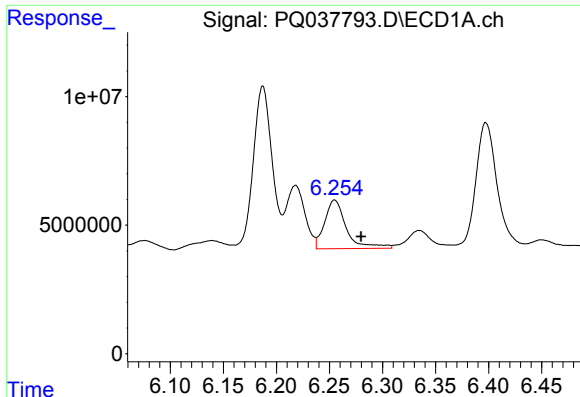
#24 AR-1248-4

R.T.: 6.255 min
Delta R.T.: 0.012 min
Response: 26896418
Conc: 118.29 ng/ml



#24 AR-1248-4

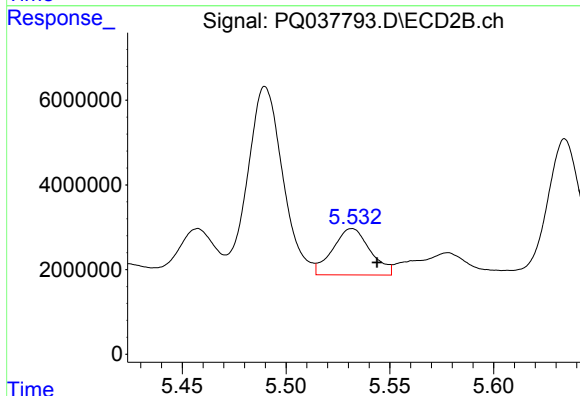
R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 49472727
Conc: 435.96 ng/ml



#25 AR-1248-5

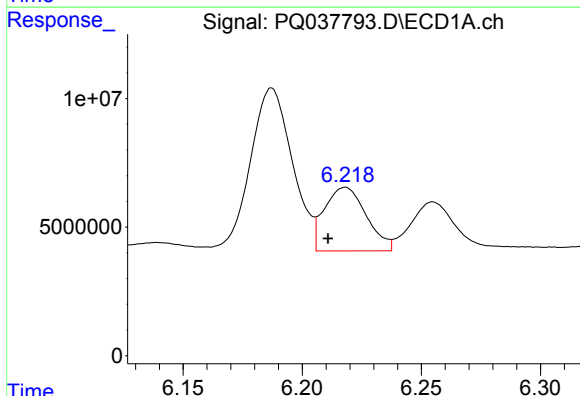
R.T.: 6.255 min
Delta R.T.: -0.025 min
Response: 26896418
Conc: 124.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



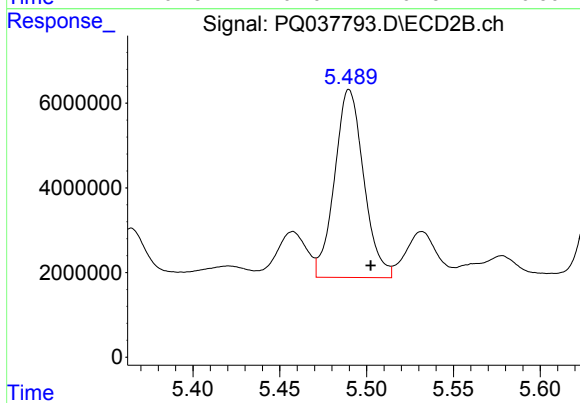
#25 AR-1248-5

R.T.: 5.532 min
Delta R.T.: -0.012 min
Response: 13815793
Conc: 125.84 ng/ml



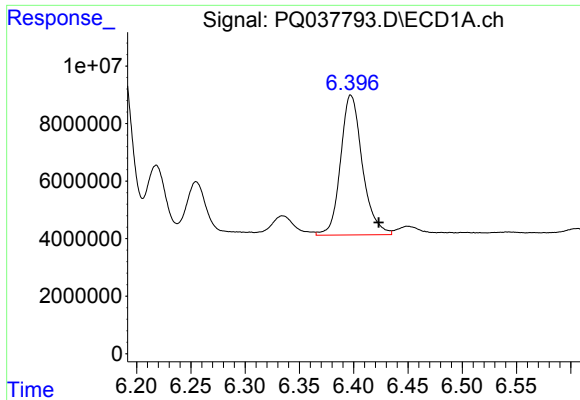
#26 AR-1254-1

R.T.: 6.218 min
Delta R.T.: 0.007 min
Response: 30245862
Conc: 142.81 ng/ml



#26 AR-1254-1

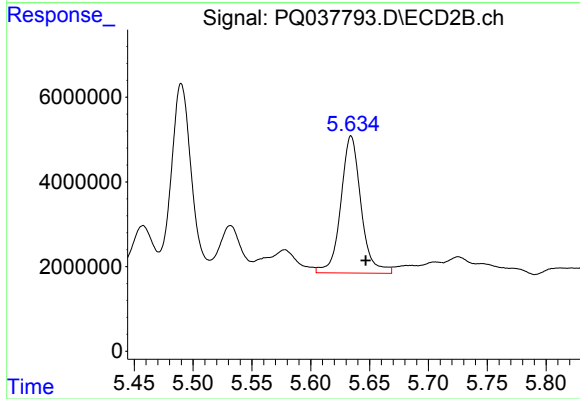
R.T.: 5.490 min
Delta R.T.: -0.012 min
Response: 51924185
Conc: 313.15 ng/ml



#27 AR-1254-2

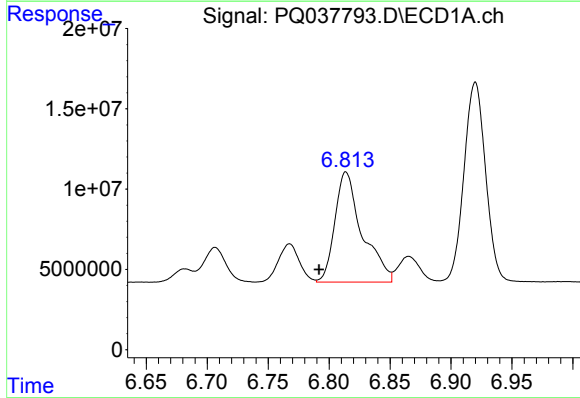
R.T.: 6.397 min
Delta R.T.: -0.026 min
Response: 67904790
Conc: 202.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



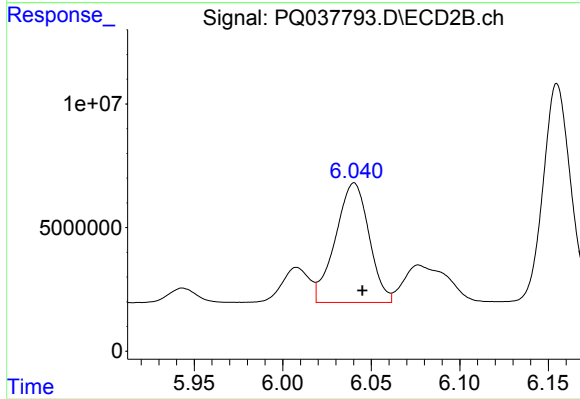
#27 AR-1254-2

R.T.: 5.634 min
Delta R.T.: -0.012 min
Response: 38721570
Conc: 271.90 ng/ml



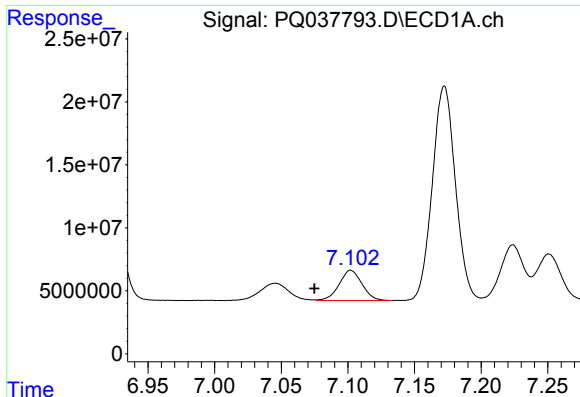
#28 AR-1254-3

R.T.: 6.814 min
Delta R.T.: 0.022 min
Response: 106597142
Conc: 307.15 ng/ml



#28 AR-1254-3

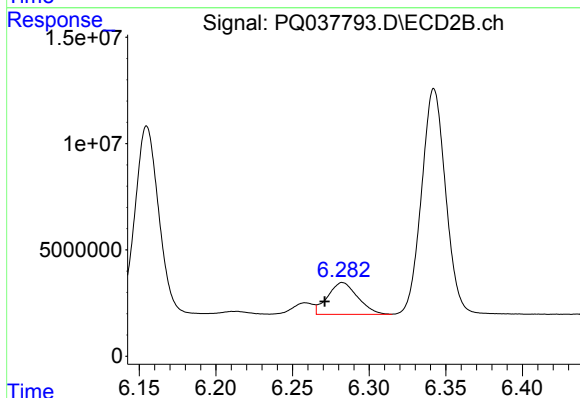
R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 63934364
Conc: 280.22 ng/ml



#29 AR-1254-4

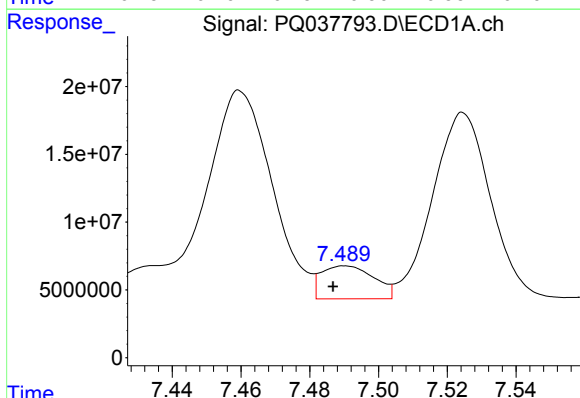
R.T.: 7.102 min
Delta R.T.: 0.027 min
Response: 28545975
Conc: 103.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



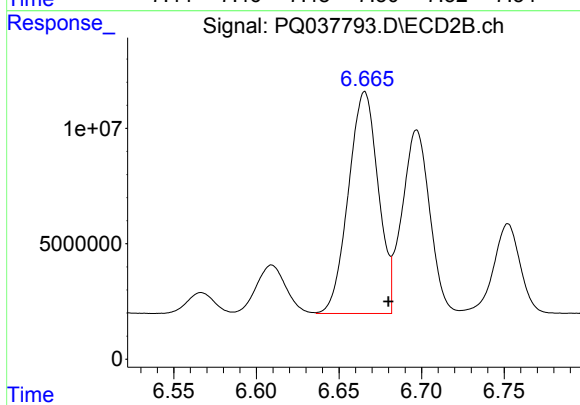
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: 0.012 min
Response: 20456556
Conc: 119.11 ng/ml



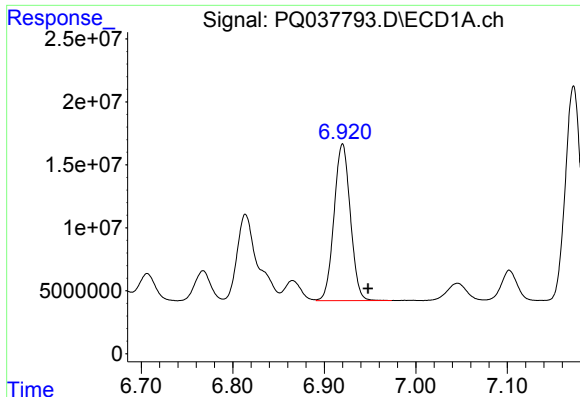
#30 AR-1254-5

R.T.: 7.490 min
Delta R.T.: 0.004 min
Response: 25875305
Conc: 93.62 ng/ml



#30 AR-1254-5

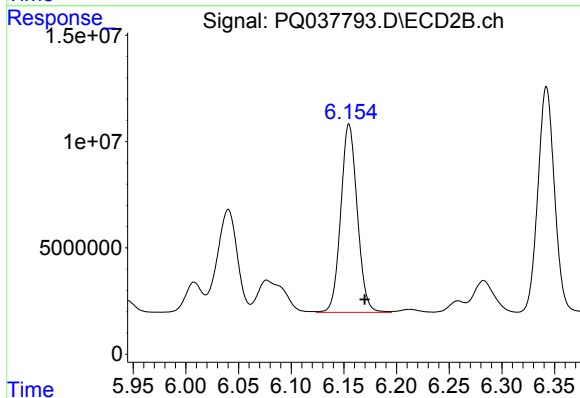
R.T.: 6.666 min
Delta R.T.: -0.014 min
Response: 120642521
Conc: 623.06 ng/ml



#31 AR-1260-1

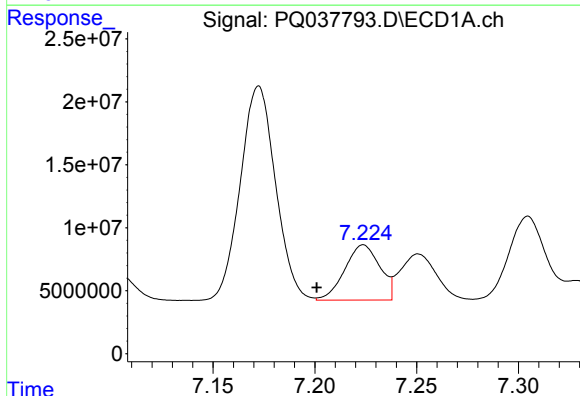
R.T.: 6.920 min
Delta R.T.: -0.028 min
Response: 153905236
Conc: 346.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



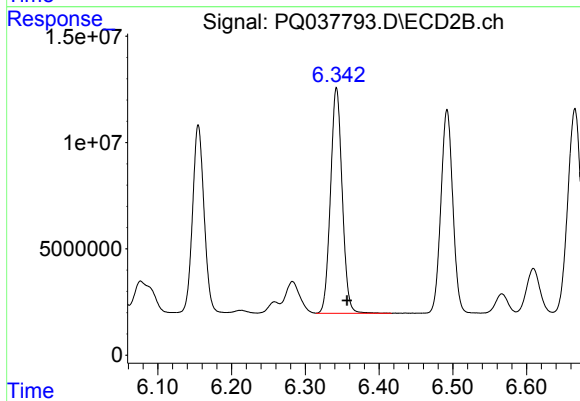
#31 AR-1260-1

R.T.: 6.155 min
Delta R.T.: -0.015 min
Response: 96529971
Conc: 380.74 ng/ml



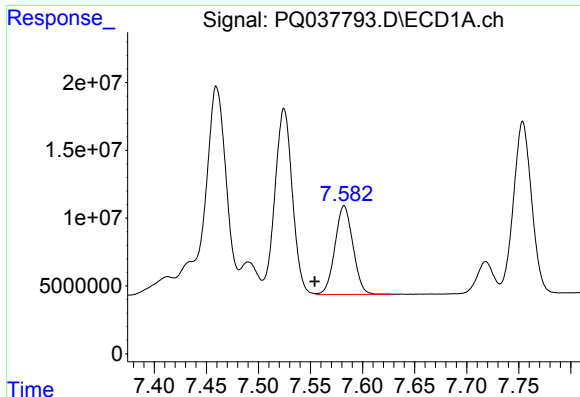
#32 AR-1260-2

R.T.: 7.224 min
Delta R.T.: 0.023 min
Response: 52601568
Conc: 90.98 ng/ml



#32 AR-1260-2

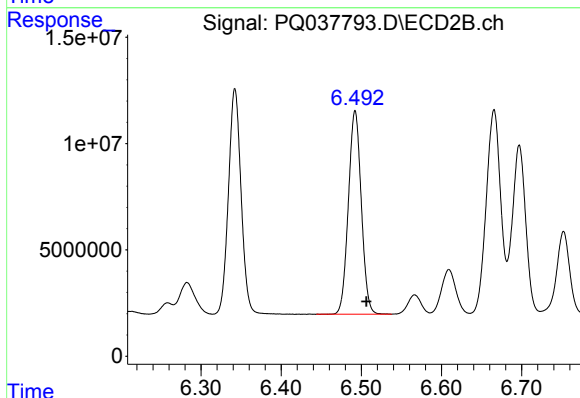
R.T.: 6.342 min
Delta R.T.: -0.014 min
Response: 116698836
Conc: 379.67 ng/ml



#33 AR-1260-3

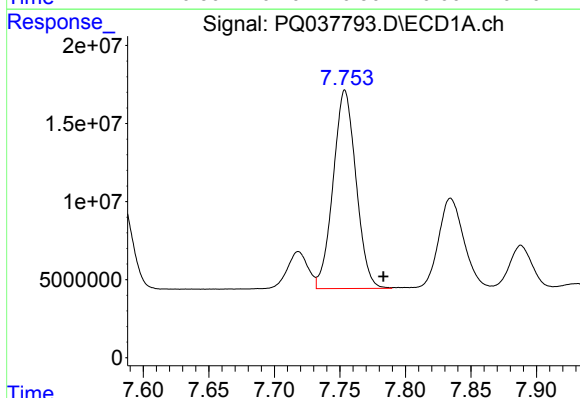
R.T.: 7.582 min
Delta R.T.: 0.028 min
Response: 78585619
Conc: 175.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



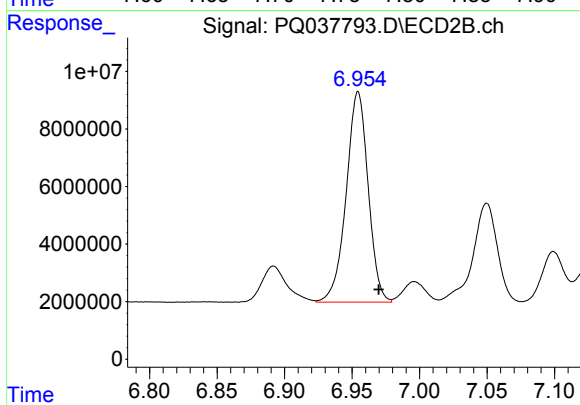
#33 AR-1260-3

R.T.: 6.492 min
Delta R.T.: -0.014 min
Response: 107001304
Conc: 376.79 ng/ml



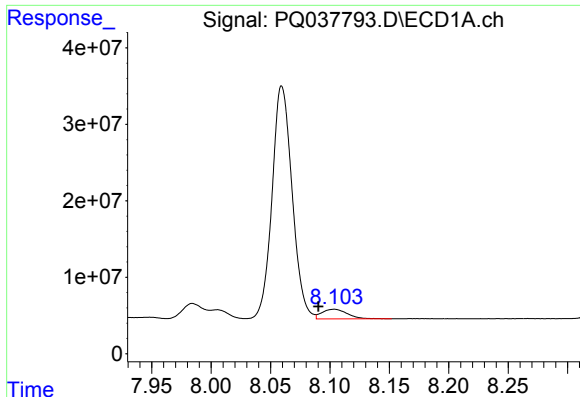
#34 AR-1260-4

R.T.: 7.754 min
Delta R.T.: -0.029 min
Response: 154554648
Conc: 352.87 ng/ml



#34 AR-1260-4

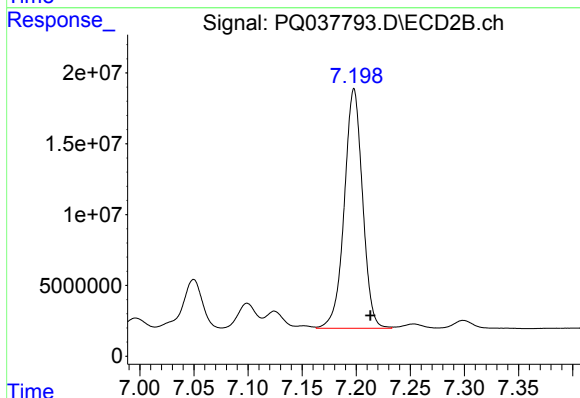
R.T.: 6.954 min
Delta R.T.: -0.015 min
Response: 82832038
Conc: 376.35 ng/ml



#35 AR-1260-5

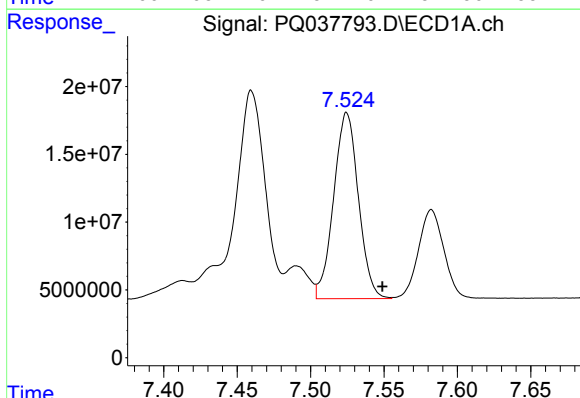
R.T.: 8.104 min
Delta R.T.: 0.013 min
Response: 18876380
Conc: 18.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



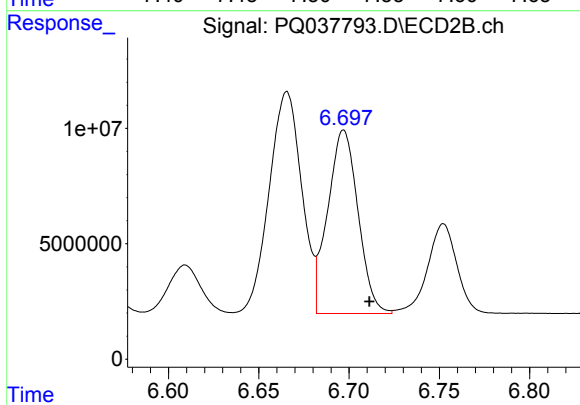
#35 AR-1260-5

R.T.: 7.198 min
Delta R.T.: -0.015 min
Response: 198644023
Conc: 376.23 ng/ml



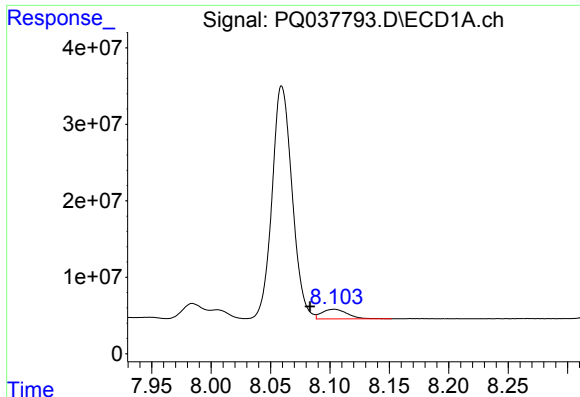
#36 AR-1262-1

R.T.: 7.525 min
Delta R.T.: -0.024 min
Response: 161177326
Conc: 403.52 ng/ml



#36 AR-1262-1

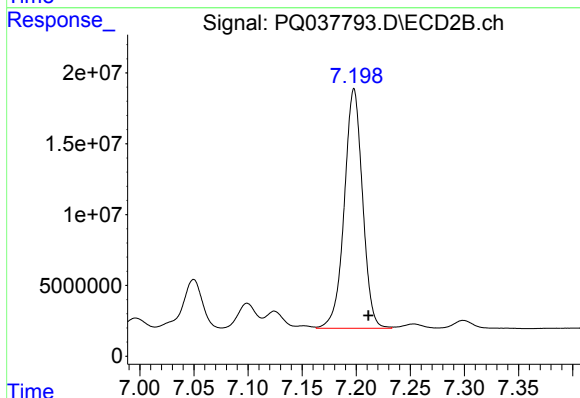
R.T.: 6.697 min
Delta R.T.: -0.014 min
Response: 92943767
Conc: 444.11 ng/ml



#37 AR-1262-2

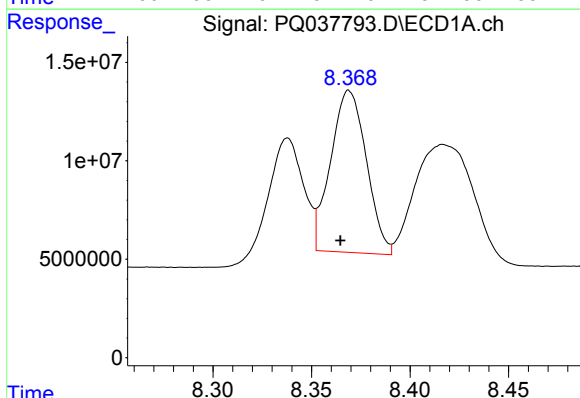
R.T.: 8.104 min
Delta R.T.: 0.020 min
Response: 18876380
Conc: 27.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



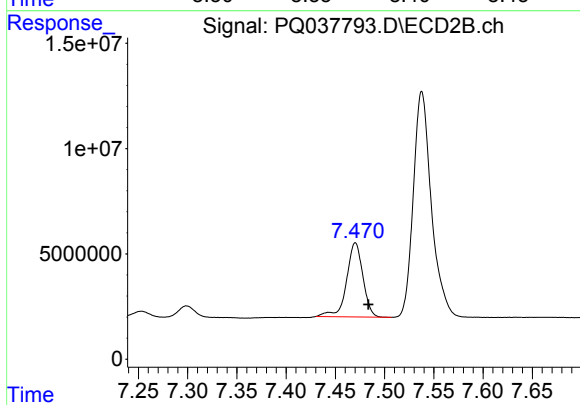
#37 AR-1262-2

R.T.: 7.198 min
Delta R.T.: -0.013 min
Response: 198644023
Conc: 536.22 ng/ml



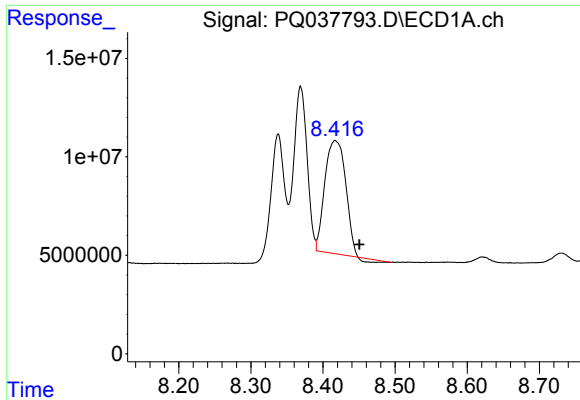
#38 AR-1262-3

R.T.: 8.369 min
Delta R.T.: 0.004 min
Response: 103925551
Conc: 347.08 ng/ml



#38 AR-1262-3

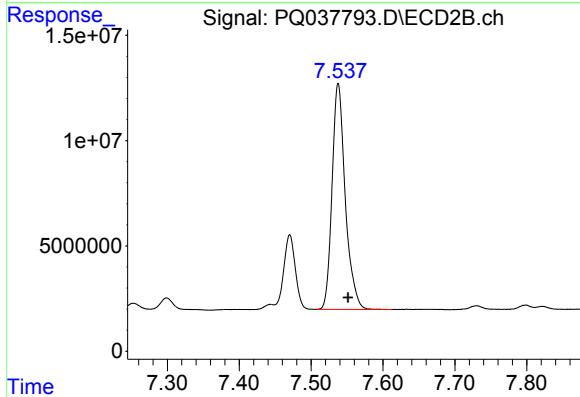
R.T.: 7.470 min
Delta R.T.: -0.013 min
Response: 40600789
Conc: 277.78 ng/ml



#39 AR-1262-4

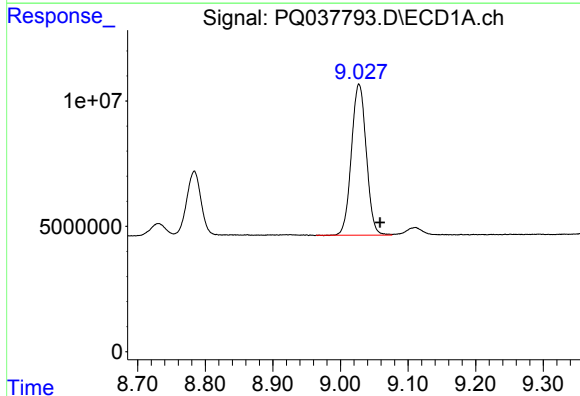
R.T.: 8.417 min
Delta R.T.: -0.034 min
Response: 113018768
Conc: 321.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



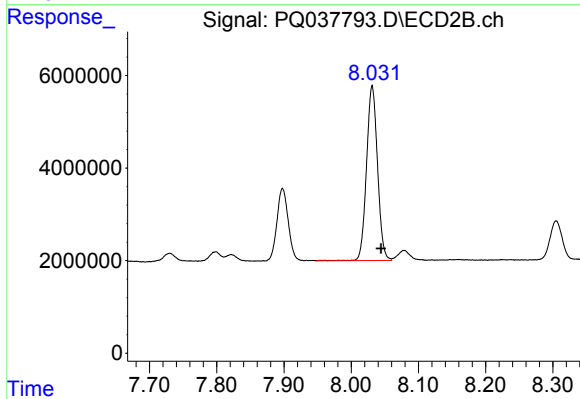
#39 AR-1262-4

R.T.: 7.538 min
Delta R.T.: -0.014 min
Response: 136965131
Conc: 513.59 ng/ml



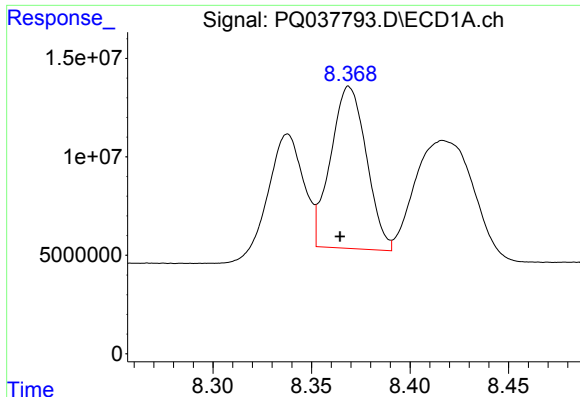
#40 AR-1262-5

R.T.: 9.027 min
Delta R.T.: -0.031 min
Response: 91952176
Conc: 385.56 ng/ml



#40 AR-1262-5

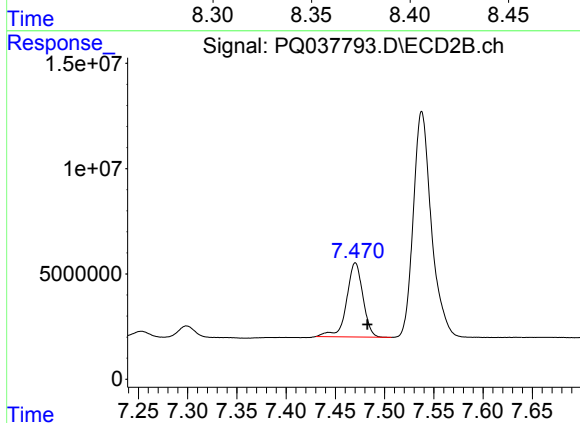
R.T.: 8.031 min
Delta R.T.: -0.013 min
Response: 42893823
Conc: 367.15 ng/ml



#41 AR-1268-1

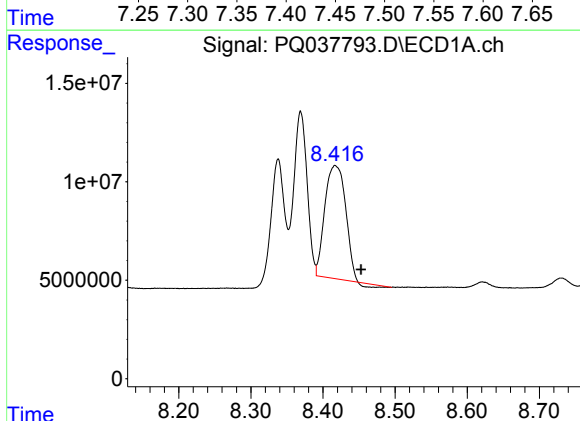
R.T.: 8.369 min
Delta R.T.: 0.005 min
Response: 103925551
Conc: 77.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



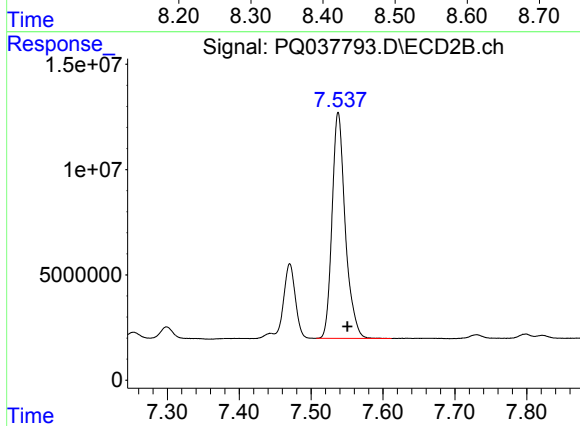
#41 AR-1268-1

R.T.: 7.470 min
Delta R.T.: -0.012 min
Response: 40600789
Conc: 61.98 ng/ml



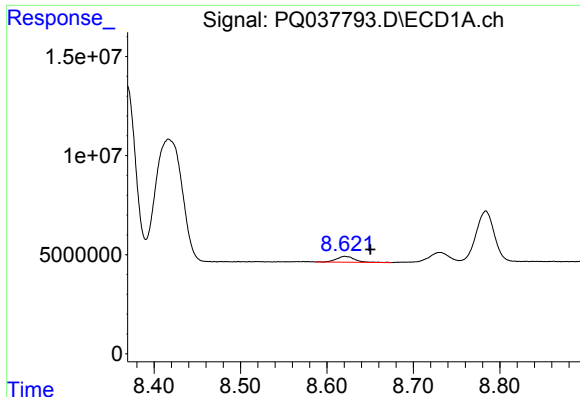
#42 AR-1268-2

R.T.: 8.417 min
Delta R.T.: -0.036 min
Response: 113018768
Conc: 91.75 ng/ml



#42 AR-1268-2

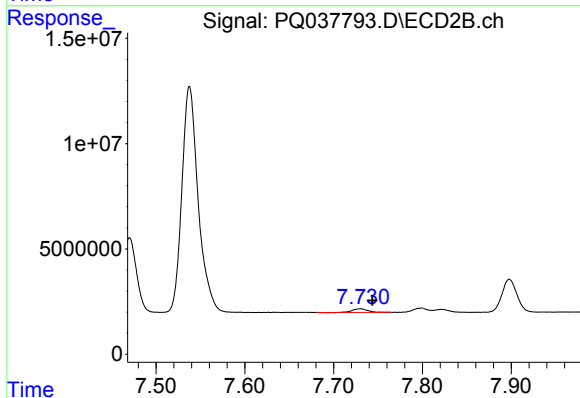
R.T.: 7.538 min
Delta R.T.: -0.013 min
Response: 136965131
Conc: 229.02 ng/ml



#43 AR-1268-3

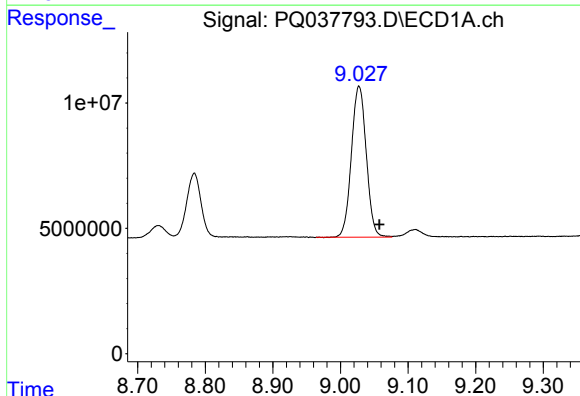
R.T.: 8.621 min
Delta R.T.: -0.029 min
Response: 4217934
Conc: 3.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



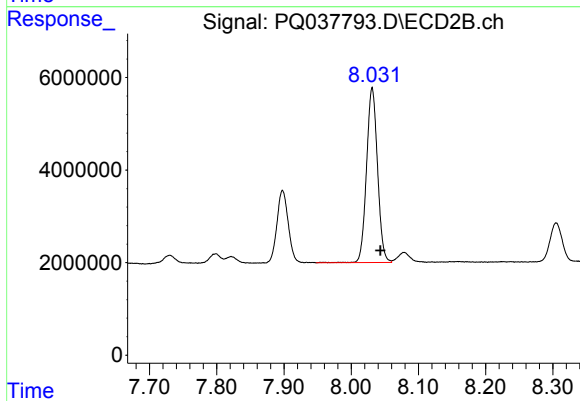
#43 AR-1268-3

R.T.: 7.730 min
Delta R.T.: -0.013 min
Response: 1993364
Conc: 4.00 ng/ml



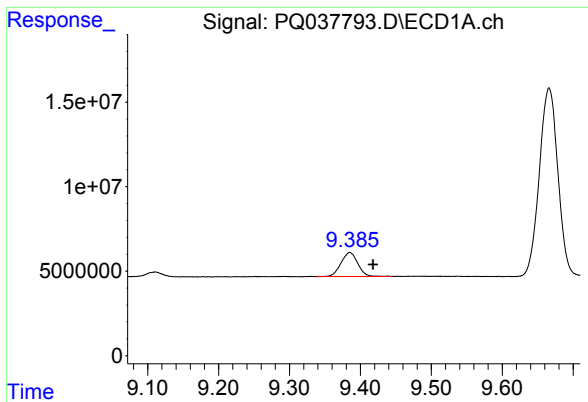
#44 AR-1268-4

R.T.: 9.027 min
Delta R.T.: -0.030 min
Response: 91952176
Conc: 230.54 ng/ml



#44 AR-1268-4

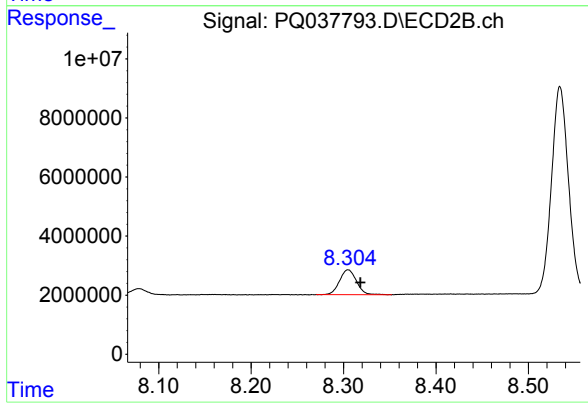
R.T.: 8.031 min
Delta R.T.: -0.012 min
Response: 42893823
Conc: 218.84 ng/ml



#45 AR-1268-5

R.T.: 9.385 min
Delta R.T.: -0.033 min
Response: 23548705
Conc: 7.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660366



#45 AR-1268-5

R.T.: 8.305 min
Delta R.T.: -0.013 min
Response: 10738567
Conc: 6.98 ng/ml