

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 12:26
 Operator : SM\AJ
 Sample : K3981-14
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:44:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.702	4.758	61132147	50926576	15.969	16.941
2)	SA Decachlor...	12.106	10.520	305.3E6	155.7E6	29.512	34.160
Target Compounds							
3)	L1 AR-1016-1	7.145	6.212	120.3E6	110.5E6	689.073	755.197
4)	L1 AR-1016-2	7.173	6.235	293.9E6	239.7E6	1114.332	1151.452
5)	L1 AR-1016-3	7.250	6.449	21076089	115.8E6	130.281	1025.286 #
6)	L1 AR-1016-4	7.354	6.503	130.4E6	319.9E6	967.734	3508.525 #
7)	L1 AR-1016-5	7.689	6.756	562.3E6	428.9E6	4225.246	3569.072
10)	L2 AR-1221-3	0.000	5.355	0	4043474	N.D.	38.166 #
11)	L3 AR-1232-1	0.000	5.355	0	4043474	N.D.	53.300 #
12)	L3 AR-1232-2	6.831	6.235	53339845	239.7E6	1080.199	2565.449 #
13)	L3 AR-1232-3	7.173	6.449	293.9E6	115.8E6	2596.489	2405.020
14)	L3 AR-1232-4	7.354	6.552	130.4E6	284.6E6	2206.480	6600.920 #
15)	L3 AR-1232-5	7.461	6.756	343.3E6	428.9E6	9302.929	8867.465
16)	L4 AR-1242-1	7.145	6.212	120.3E6	110.5E6	960.133	1046.964
17)	L4 AR-1242-2	7.173	6.235	293.9E6	239.7E6	1543.178	1545.565
18)	L4 AR-1242-3	7.250	6.449	21076089	115.8E6	178.258	1387.146 #
19)	L4 AR-1242-4	7.354	6.552	130.4E6	284.6E6	1330.578	3494.130 #
20)	L4 AR-1242-5	8.178	7.164	758.2E6	680.3E6	5718.994	5449.756
21)	L5 AR-1248-1	7.145	6.212	120.3E6	110.5E6	1296.545	1375.717
22)	L5 AR-1248-2	7.461	6.503	343.3E6	319.9E6	2789.932	2855.471
23)	L5 AR-1248-3	7.689	6.552	562.3E6	284.6E6	3580.420	2465.585 #
24)	L5 AR-1248-4	8.139	6.756	747.6E6	428.9E6	3460.877	2963.150
25)	L5 AR-1248-5	8.178	7.211	758.2E6	607.1E6	3560.327	3607.733
26)	L6 AR-1254-1	8.106	7.164	424.7E6	680.3E6	2095.370	2675.097 #
27)	L6 AR-1254-2	8.348	7.333	669.7E6	230.7E6	1938.872	1008.324 #
28)	L6 AR-1254-3	8.739	7.780	486.4E6	477.5E6	1173.699	1176.320
29)	L6 AR-1254-4	9.041	8.028	389.5E6	332.2E6	1076.277	1216.125
30)	L6 AR-1254-5	9.502	8.475	3495.8E6	3065.9E6	8706.202	7678.808
31)	L7 AR-1260-1	8.912	7.936	114.4E6	221.2E6	378.581	831.780 #
32)	L7 AR-1260-2	9.176	8.124	824.7E6	101.8E6	1799.255	280.483 #
33)	L7 AR-1260-3	9.554	8.288	62833967	106.5E6	147.988	339.299 #
34)	L7 AR-1260-4	9.793	8.787	125.5E6	46221356	298.243	162.363 #
35)	L7 AR-1260-5	10.148	9.039	168.9E6	159.8E6	158.026	214.876 #
36)	L8 AR-1262-1	9.618	8.570	27938214	35925350	113.794	186.781 #
37)	L8 AR-1262-2	10.148	9.039	168.9E6	159.8E6	139.048	190.177 #
38)	L8 AR-1262-3	10.503	9.333	108.4E6	25531926	130.075	72.592 #
39)	L8 AR-1262-4	10.561	9.399	55177538	97053348	84.697	165.139 #
40)	L8 AR-1262-5	11.294	9.923	56791254	35389016	124.237	147.483
41)	L9 AR-1268-1	10.503	9.333	108.4E6	25531926	60.069	22.346 #
42)	L9 AR-1268-2	10.561	9.399	55177538	97053348	34.580	99.875 #
43)	L9 AR-1268-3	10.827	9.614	5577954	4967371	3.968	6.223 #

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 Acq On : 25 Jul 2019 12:26
 Operator : SM\AJ
 Sample : K3981-14
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

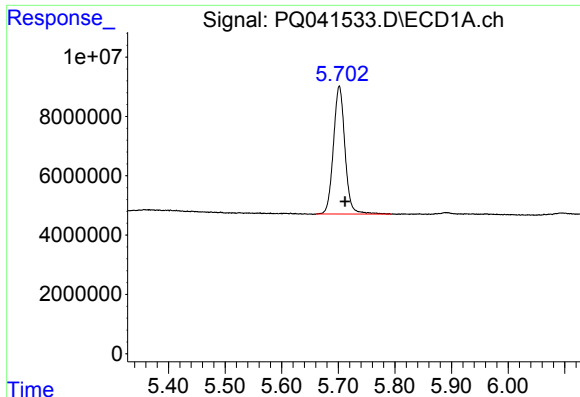
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:44:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	11.294	9.923	56791254	35389016	100.047	115.321
45) L9	AR-1268-5	11.740	10.242	17133000	11028296	3.955	5.582 #

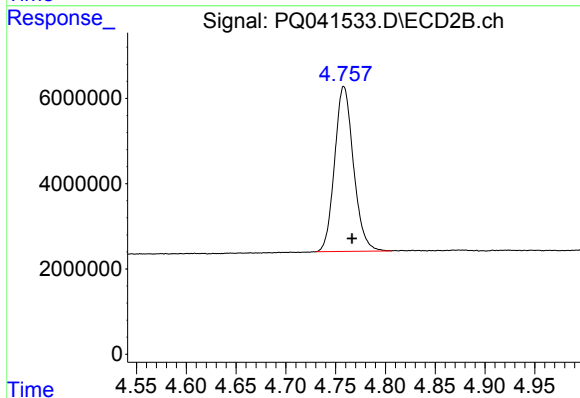
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

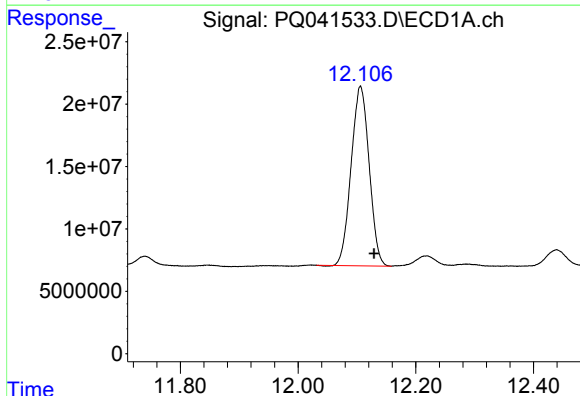
R.T.: 5.702 min
Delta R.T.: -0.010 min
Response: 61132147
Conc: 15.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



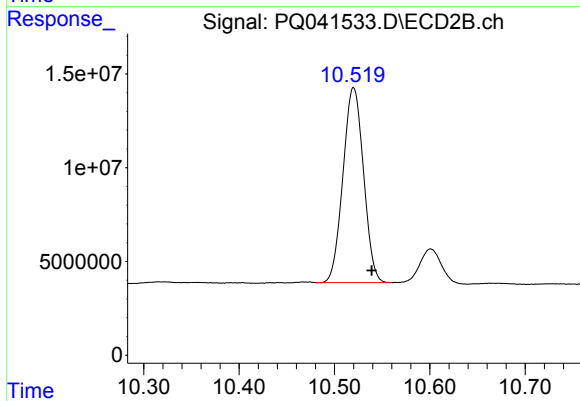
#1 Tetrachloro-m-xylene

R.T.: 4.758 min
Delta R.T.: -0.008 min
Response: 50926576
Conc: 16.94 ng/ml



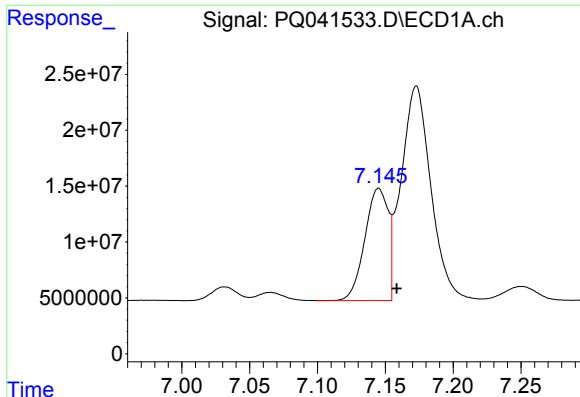
#2 Decachlorobiphenyl

R.T.: 12.106 min
Delta R.T.: -0.023 min
Response: 305268402
Conc: 29.51 ng/ml



#2 Decachlorobiphenyl

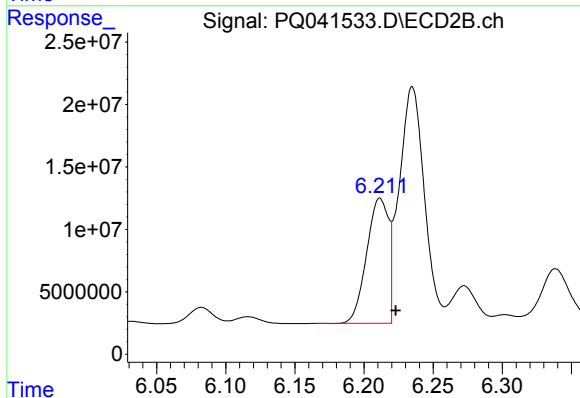
R.T.: 10.520 min
Delta R.T.: -0.019 min
Response: 155659304
Conc: 34.16 ng/ml



#3 AR-1016-1

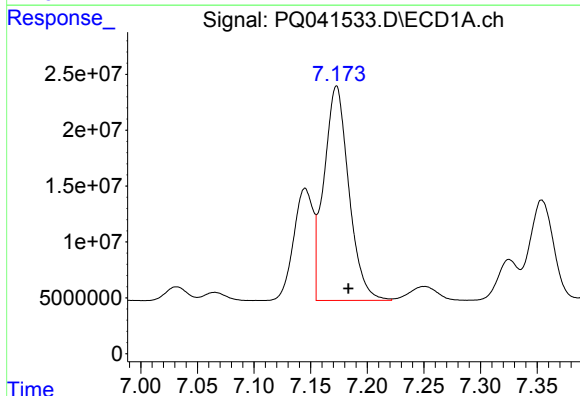
R.T.: 7.145 min
Delta R.T.: -0.013 min
Response: 120265395
Conc: 689.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



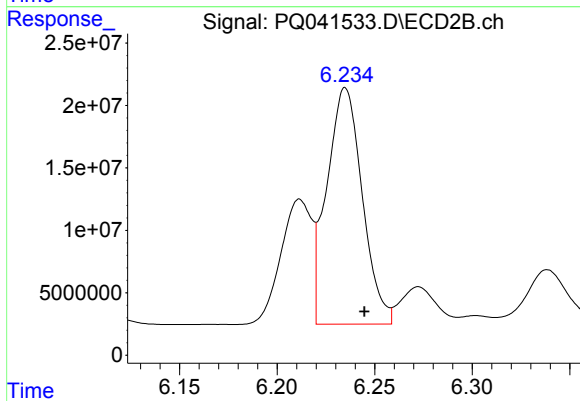
#3 AR-1016-1

R.T.: 6.212 min
Delta R.T.: -0.011 min
Response: 110494971
Conc: 755.20 ng/ml



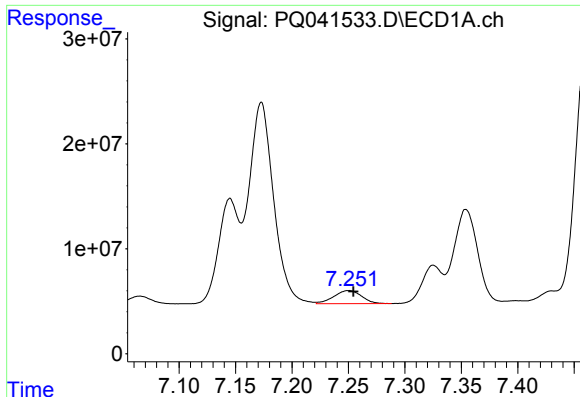
#4 AR-1016-2

R.T.: 7.173 min
Delta R.T.: -0.011 min
Response: 293873414
Conc: 1114.33 ng/ml



#4 AR-1016-2

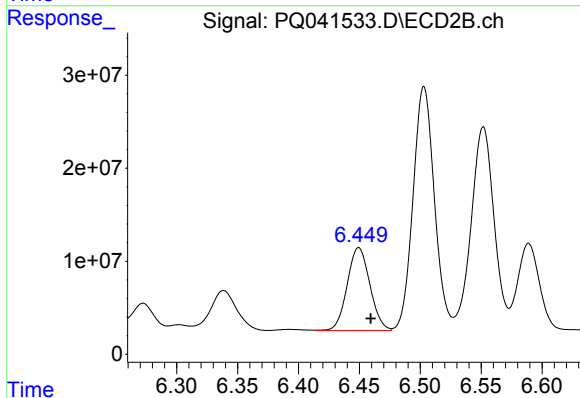
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 239665494
Conc: 1151.45 ng/ml



#5 AR-1016-3

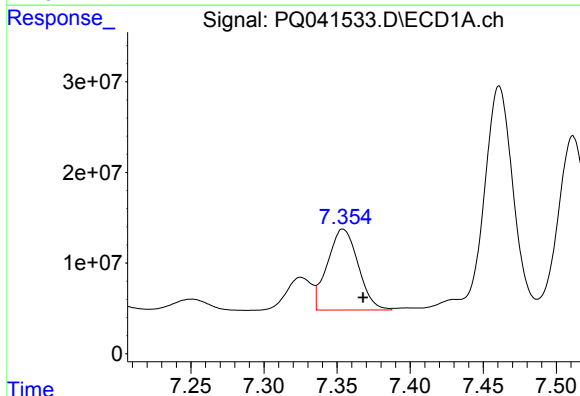
R.T.: 7.250 min
Delta R.T.: -0.004 min
Response: 21076089
Conc: 130.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



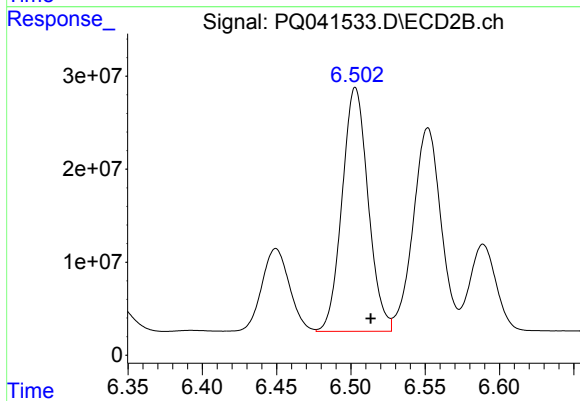
#5 AR-1016-3

R.T.: 6.449 min
Delta R.T.: -0.010 min
Response: 115760976
Conc: 1025.29 ng/ml



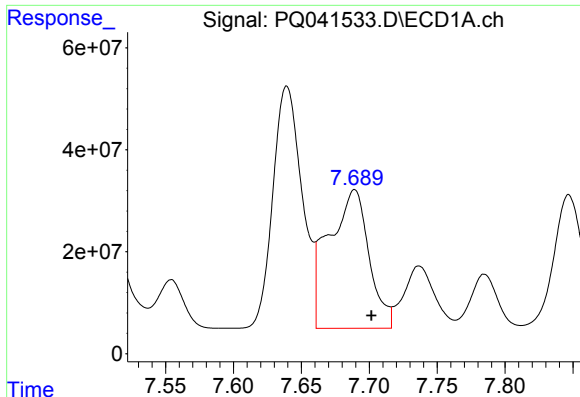
#6 AR-1016-4

R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 130420475
Conc: 967.73 ng/ml



#6 AR-1016-4

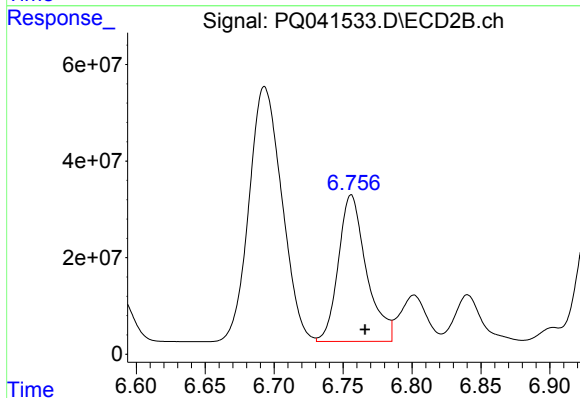
R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 319855574
Conc: 3508.52 ng/ml



#7 AR-1016-5

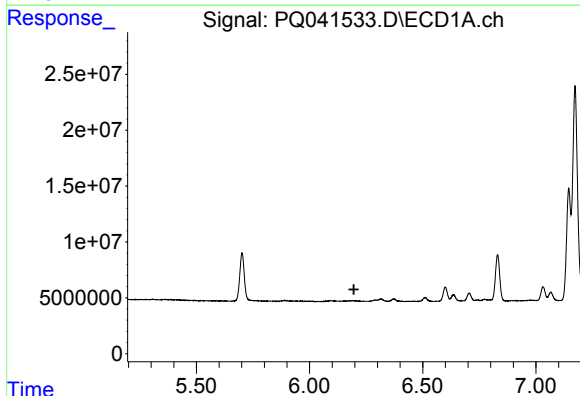
R.T.: 7.689 min
Delta R.T.: -0.013 min
Response: 562253080
Conc: 4225.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



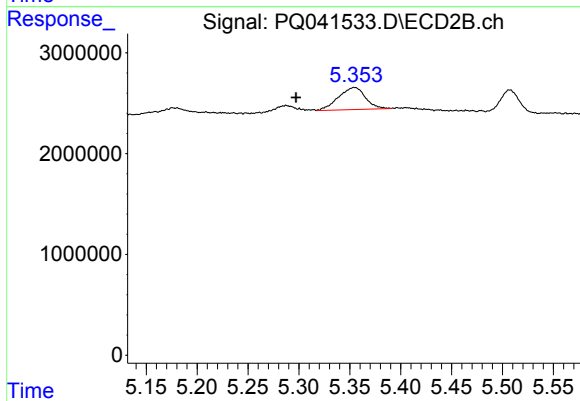
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 428933350
Conc: 3569.07 ng/ml



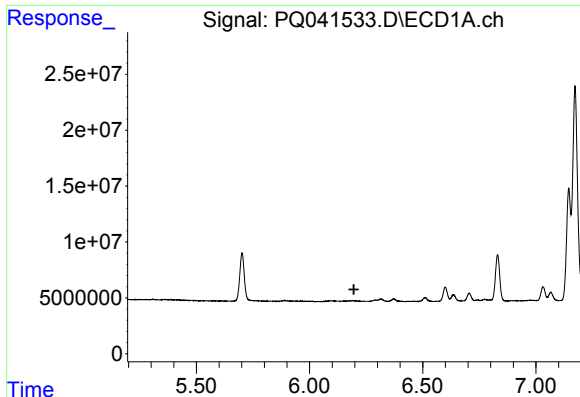
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

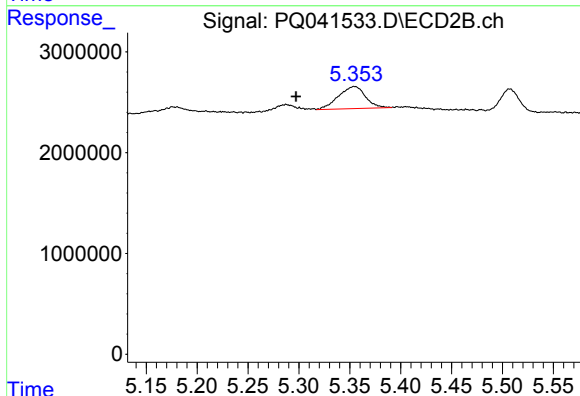
R.T.: 5.355 min
Delta R.T.: 0.057 min
Response: 4043474
Conc: 38.17 ng/ml



#11 AR-1232-1

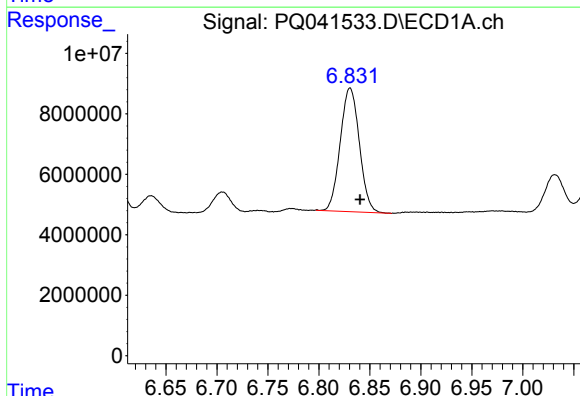
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



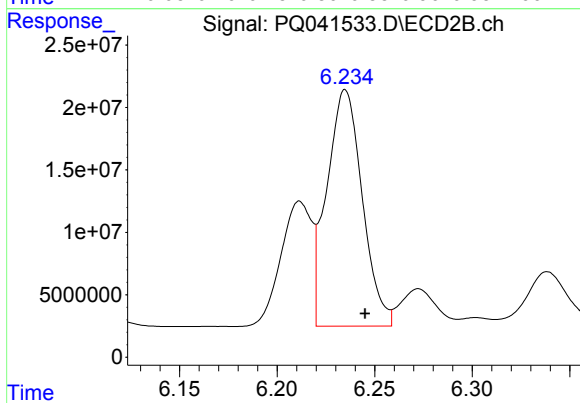
#11 AR-1232-1

R.T.: 5.355 min
Delta R.T.: 0.058 min
Response: 4043474
Conc: 53.30 ng/ml



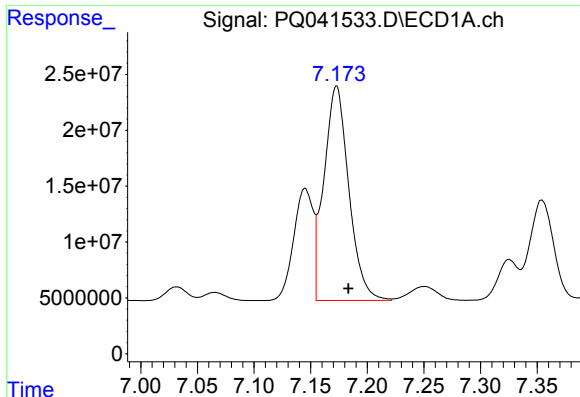
#12 AR-1232-2

R.T.: 6.831 min
Delta R.T.: -0.010 min
Response: 53339845
Conc: 1080.20 ng/ml



#12 AR-1232-2

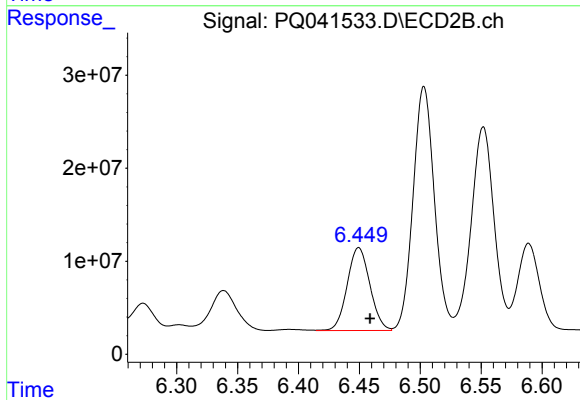
R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 239665494
Conc: 2565.45 ng/ml



#13 AR-1232-3

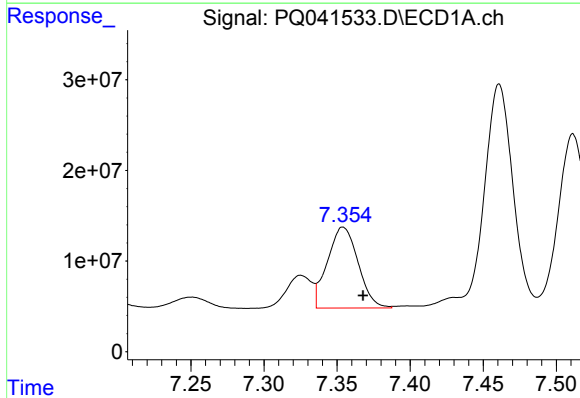
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 293873414
Conc: 2596.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



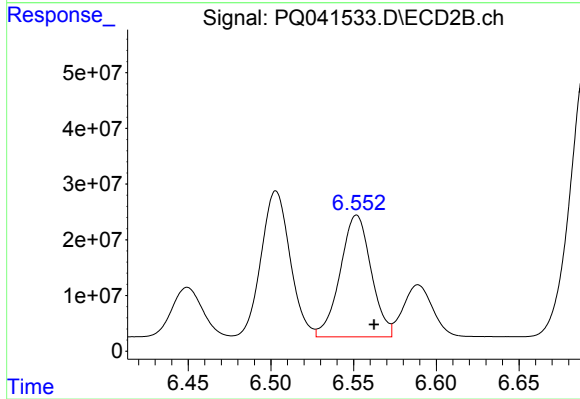
#13 AR-1232-3

R.T.: 6.449 min
Delta R.T.: -0.009 min
Response: 115760976
Conc: 2405.02 ng/ml



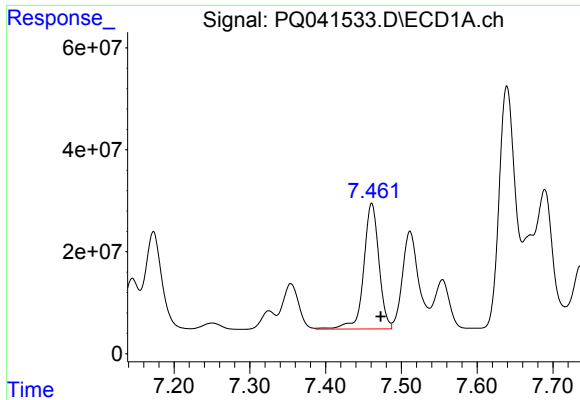
#14 AR-1232-4

R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 130420475
Conc: 2206.48 ng/ml



#14 AR-1232-4

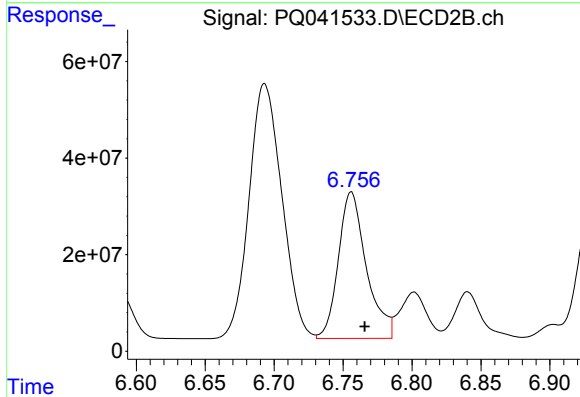
R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 284596530
Conc: 6600.92 ng/ml



#15 AR-1232-5

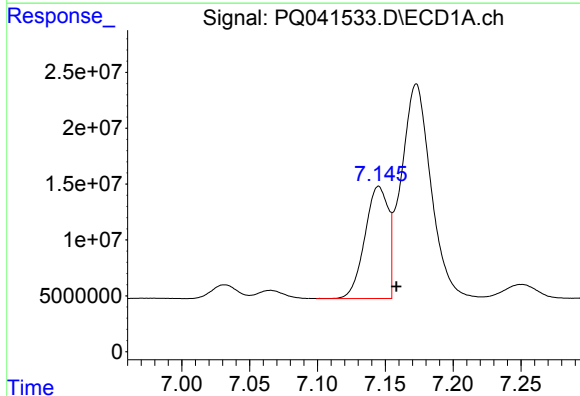
R.T.: 7.461 min
Delta R.T.: -0.012 min
Response: 343323611
Conc: 9302.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



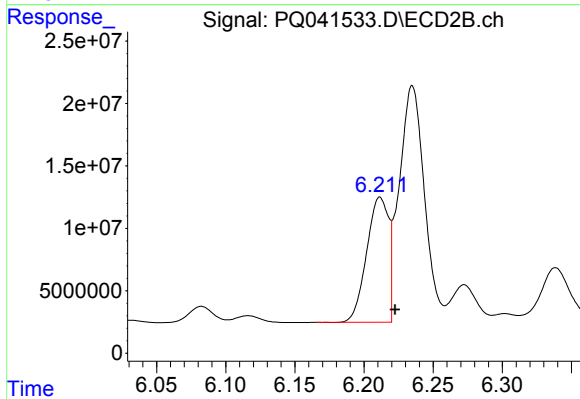
#15 AR-1232-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 428933350
Conc: 8867.47 ng/ml



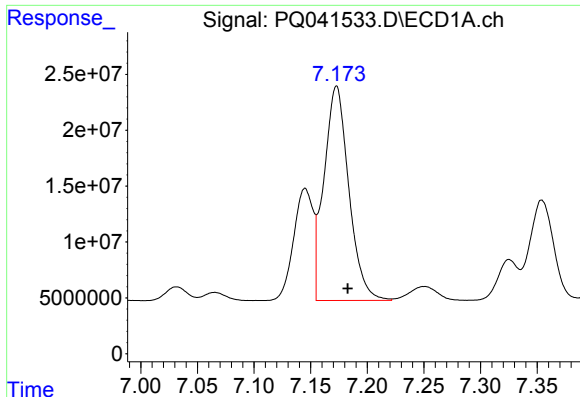
#16 AR-1242-1

R.T.: 7.145 min
Delta R.T.: -0.013 min
Response: 120265395
Conc: 960.13 ng/ml



#16 AR-1242-1

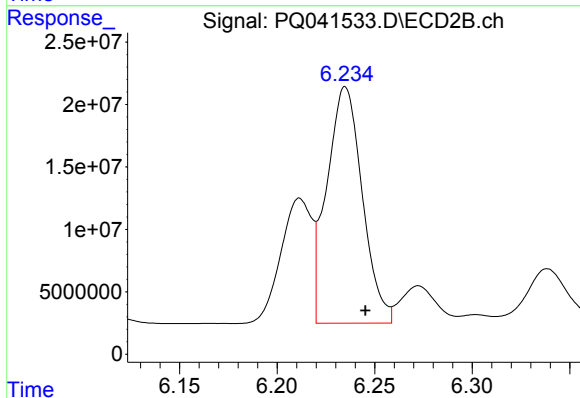
R.T.: 6.212 min
Delta R.T.: -0.011 min
Response: 110494971
Conc: 1046.96 ng/ml



#17 AR-1242-2

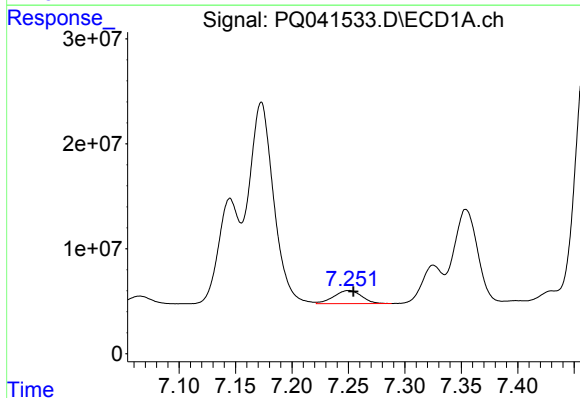
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 293873414
Conc: 1543.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



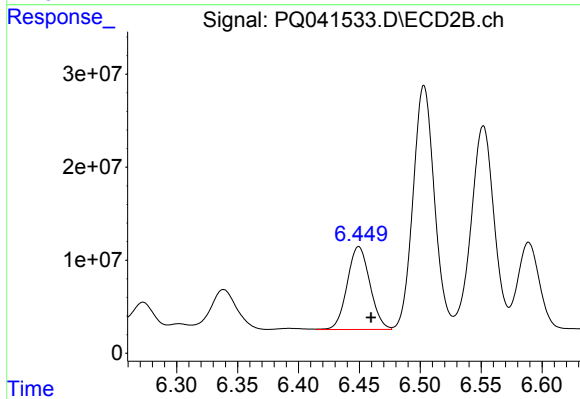
#17 AR-1242-2

R.T.: 6.235 min
Delta R.T.: -0.010 min
Response: 239665494
Conc: 1545.56 ng/ml



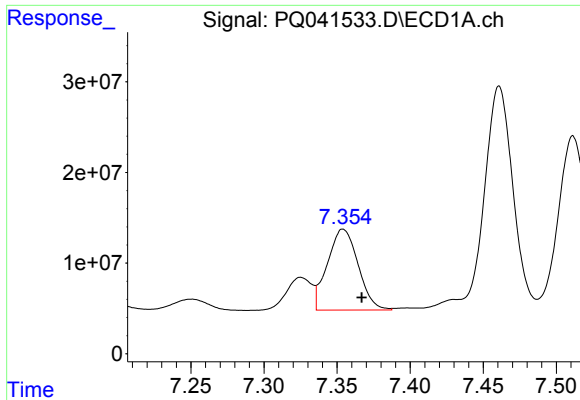
#18 AR-1242-3

R.T.: 7.250 min
Delta R.T.: -0.004 min
Response: 21076089
Conc: 178.26 ng/ml



#18 AR-1242-3

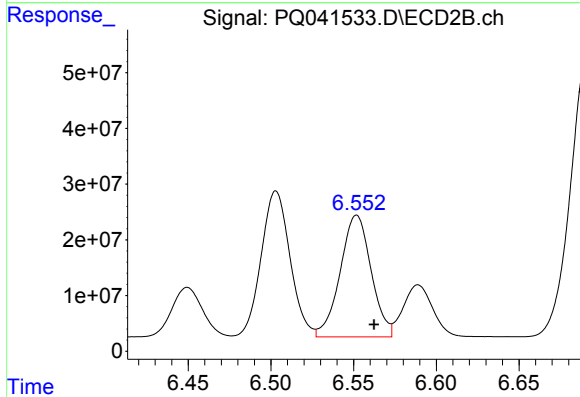
R.T.: 6.449 min
Delta R.T.: -0.010 min
Response: 115760976
Conc: 1387.15 ng/ml



#19 AR-1242-4

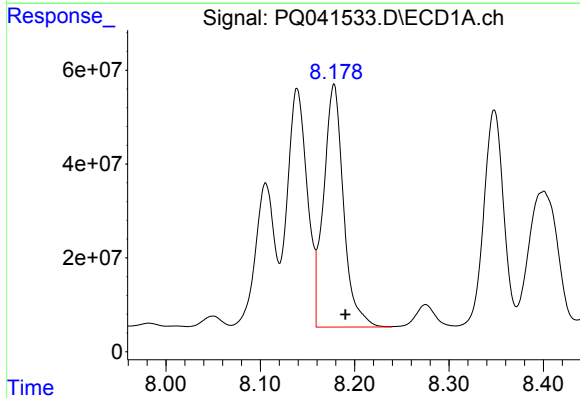
R.T.: 7.354 min
Delta R.T.: -0.013 min
Response: 130420475
Conc: 1330.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



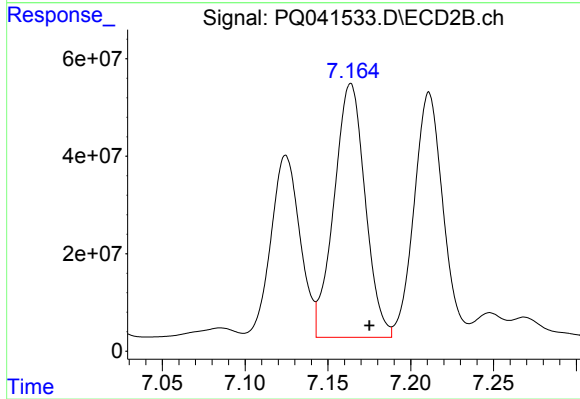
#19 AR-1242-4

R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 284596530
Conc: 3494.13 ng/ml



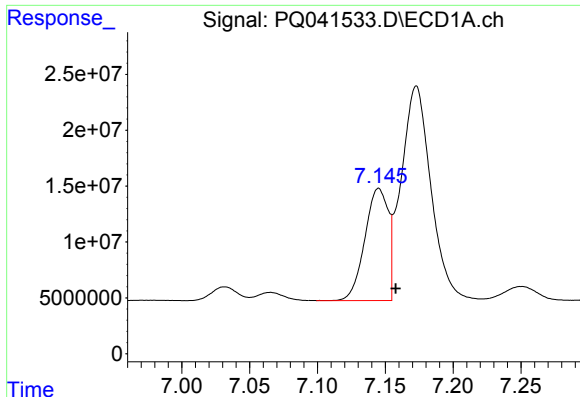
#20 AR-1242-5

R.T.: 8.178 min
Delta R.T.: -0.012 min
Response: 758204770
Conc: 5718.99 ng/ml



#20 AR-1242-5

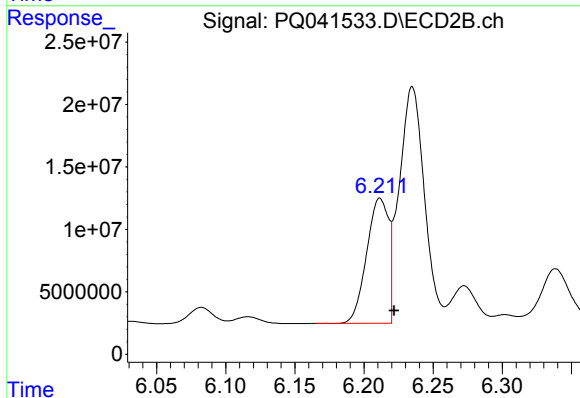
R.T.: 7.164 min
Delta R.T.: -0.011 min
Response: 680290756
Conc: 5449.76 ng/ml



#21 AR-1248-1

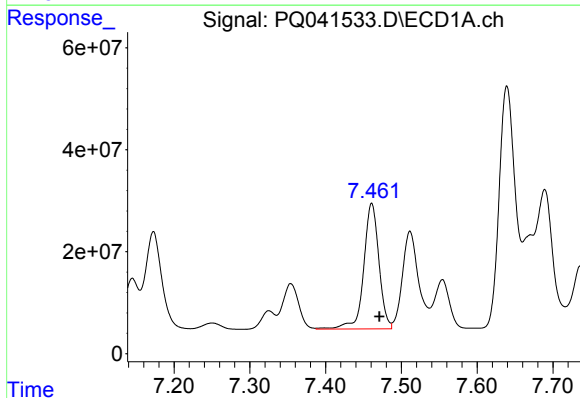
R.T.: 7.145 min
Delta R.T.: -0.012 min
Response: 120265395
Conc: 1296.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



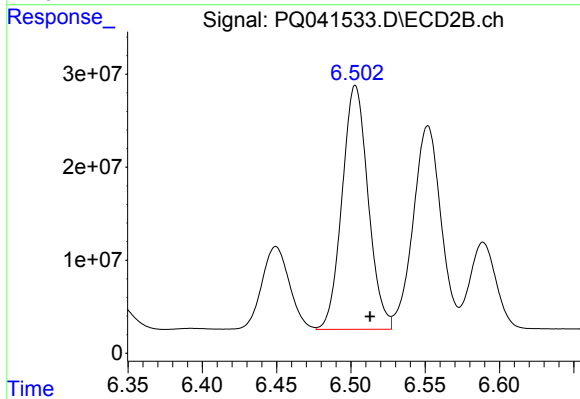
#21 AR-1248-1

R.T.: 6.212 min
Delta R.T.: -0.010 min
Response: 110494971
Conc: 1375.72 ng/ml



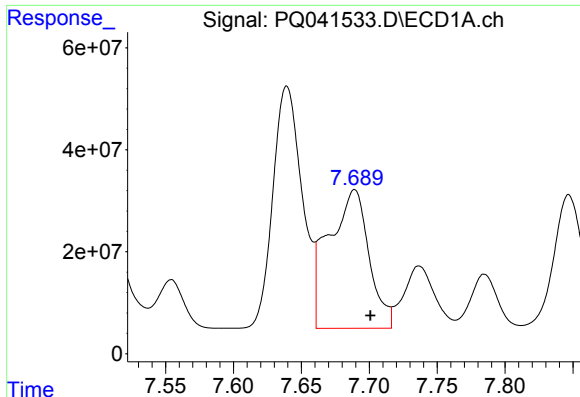
#22 AR-1248-2

R.T.: 7.461 min
Delta R.T.: -0.010 min
Response: 343323611
Conc: 2789.93 ng/ml



#22 AR-1248-2

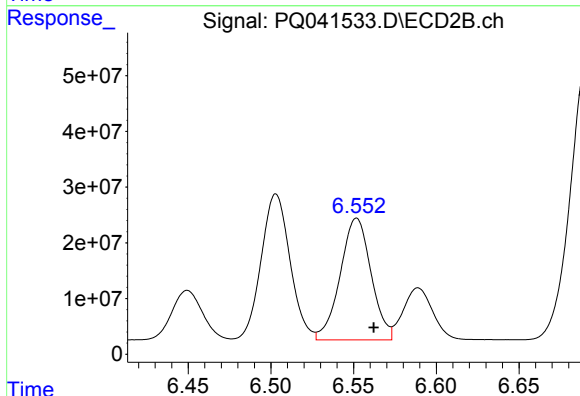
R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 319855574
Conc: 2855.47 ng/ml



#23 AR-1248-3

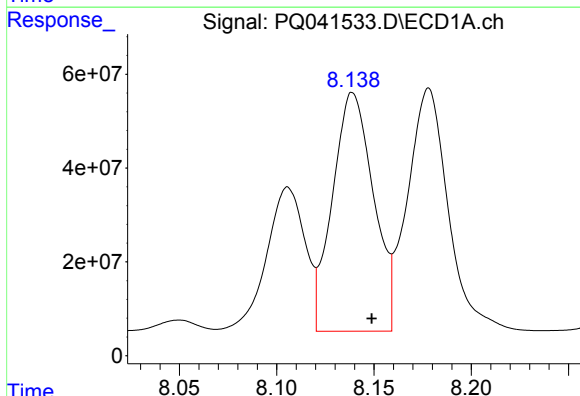
R.T.: 7.689 min
Delta R.T.: -0.012 min
Response: 562253080
Conc: 3580.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



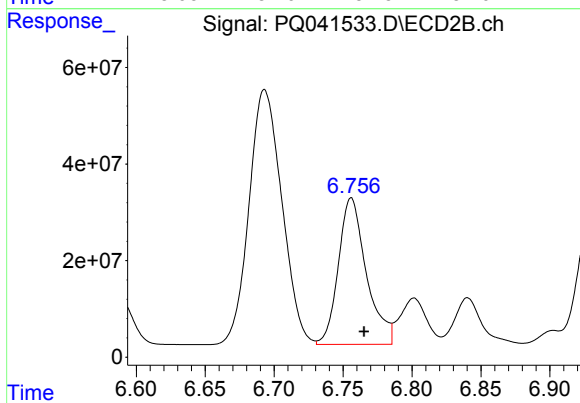
#23 AR-1248-3

R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 284596530
Conc: 2465.59 ng/ml



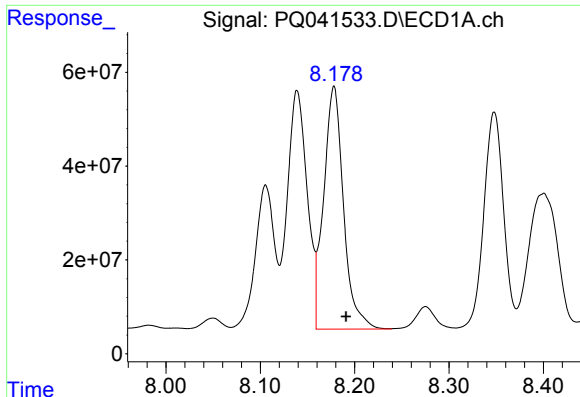
#24 AR-1248-4

R.T.: 8.139 min
Delta R.T.: -0.010 min
Response: 747580797
Conc: 3460.88 ng/ml



#24 AR-1248-4

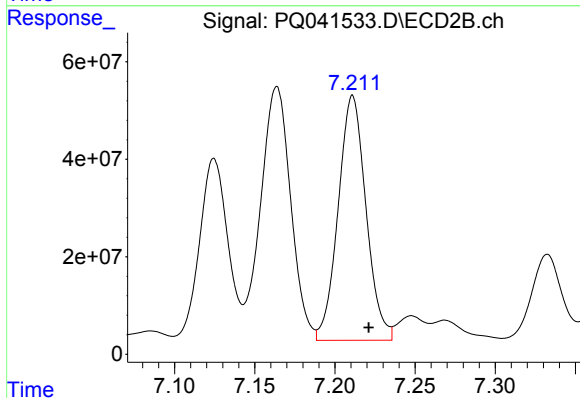
R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 428933350
Conc: 2963.15 ng/ml



#25 AR-1248-5

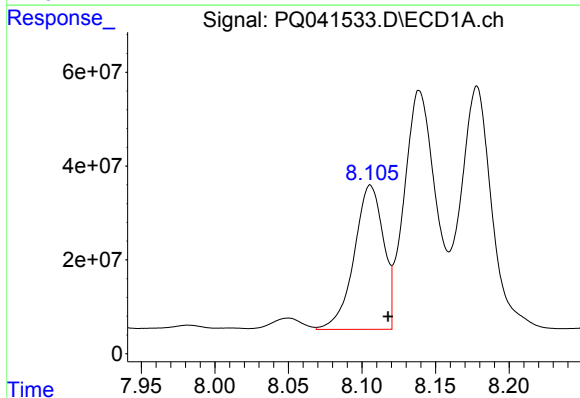
R.T.: 8.178 min
Delta R.T.: -0.013 min
Response: 758204770
Conc: 3560.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



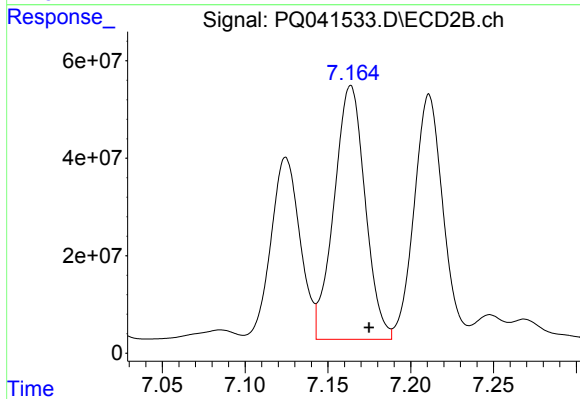
#25 AR-1248-5

R.T.: 7.211 min
Delta R.T.: -0.010 min
Response: 607115579
Conc: 3607.73 ng/ml



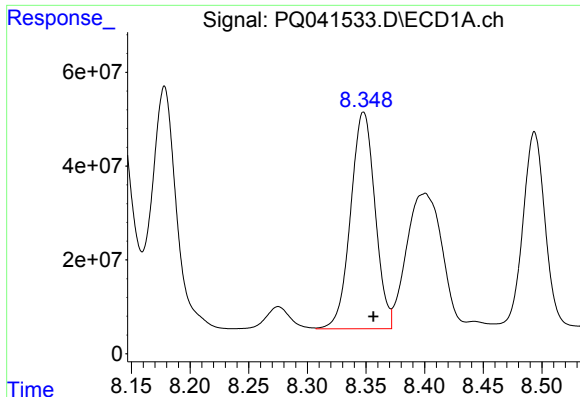
#26 AR-1254-1

R.T.: 8.106 min
Delta R.T.: -0.012 min
Response: 424734959
Conc: 2095.37 ng/ml



#26 AR-1254-1

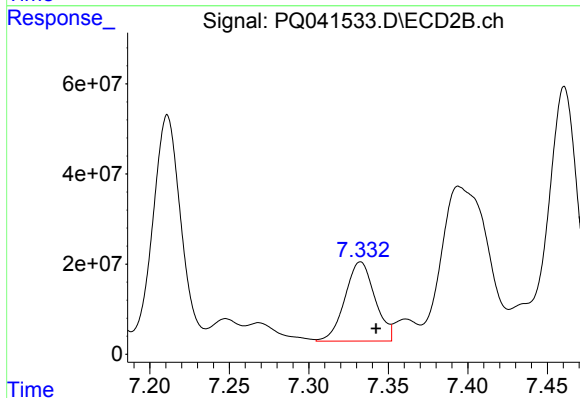
R.T.: 7.164 min
Delta R.T.: -0.011 min
Response: 680290756
Conc: 2675.10 ng/ml



#27 AR-1254-2

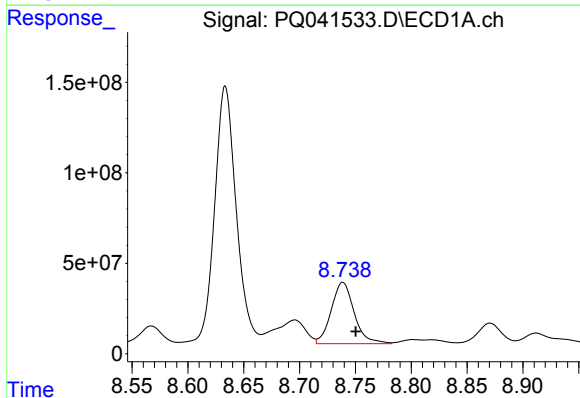
R.T.: 8.348 min
Delta R.T.: -0.009 min
Response: 669674136
Conc: 1938.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



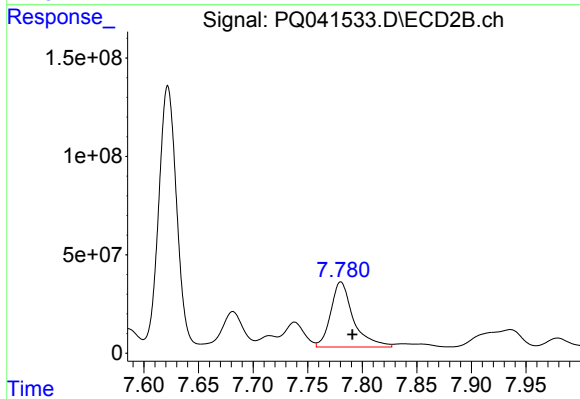
#27 AR-1254-2

R.T.: 7.333 min
Delta R.T.: -0.010 min
Response: 230692084
Conc: 1008.32 ng/ml



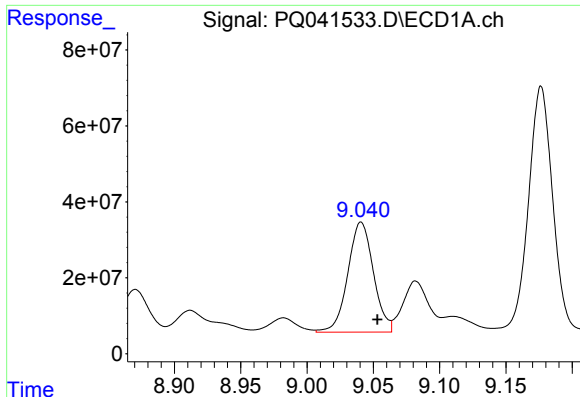
#28 AR-1254-3

R.T.: 8.739 min
Delta R.T.: -0.011 min
Response: 486363520
Conc: 1173.70 ng/ml



#28 AR-1254-3

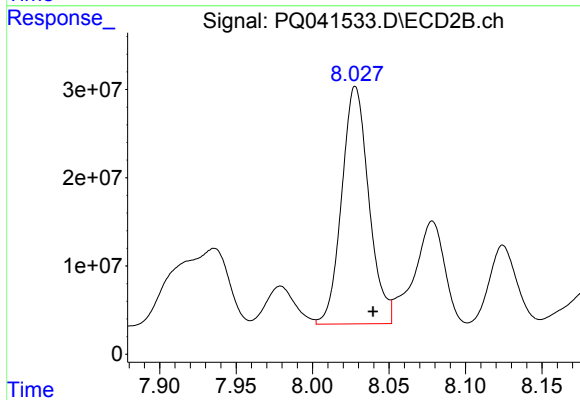
R.T.: 7.780 min
Delta R.T.: -0.011 min
Response: 477455793
Conc: 1176.32 ng/ml



#29 AR-1254-4

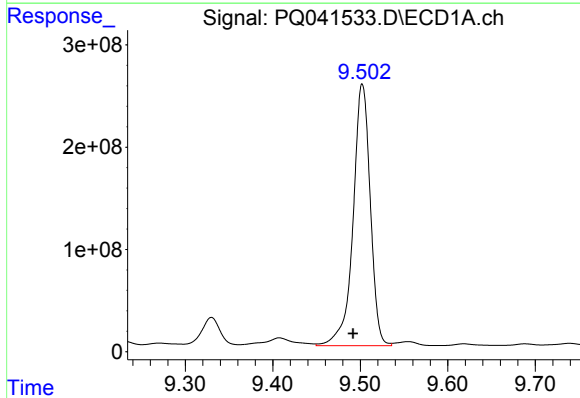
R.T.: 9.041 min
Delta R.T.: -0.012 min
Response: 389533297
Conc: 1076.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



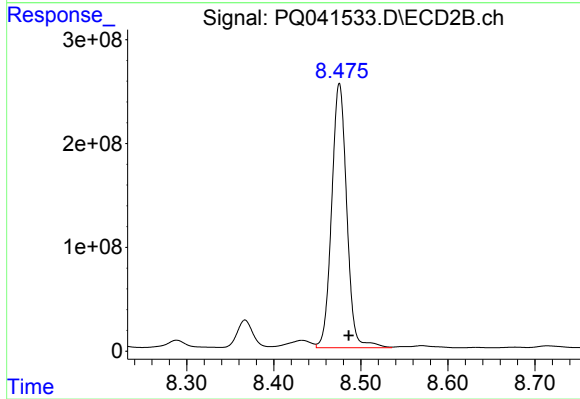
#29 AR-1254-4

R.T.: 8.028 min
Delta R.T.: -0.011 min
Response: 332234682
Conc: 1216.13 ng/ml



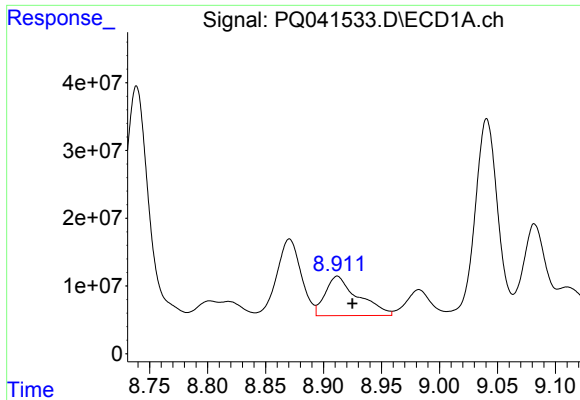
#30 AR-1254-5

R.T.: 9.502 min
Delta R.T.: 0.011 min
Response: 3495796183
Conc: 8706.20 ng/ml



#30 AR-1254-5

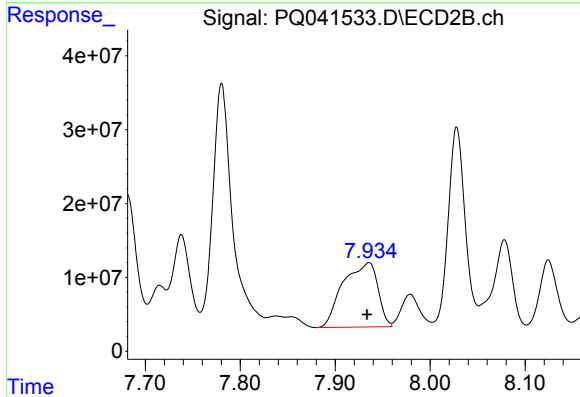
R.T.: 8.475 min
Delta R.T.: -0.011 min
Response: 3065940456
Conc: 7678.81 ng/ml



#31 AR-1260-1

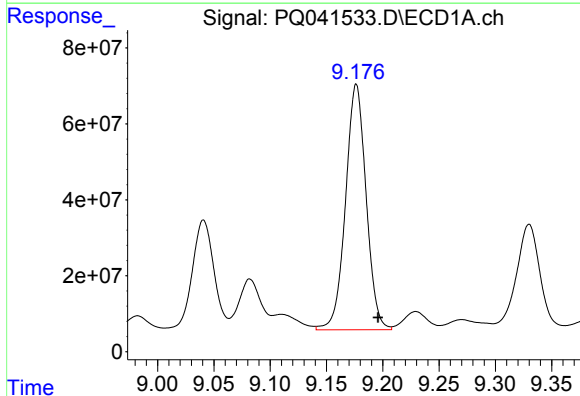
R.T.: 8.912 min
Delta R.T.: -0.013 min
Response: 114374285
Conc: 378.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



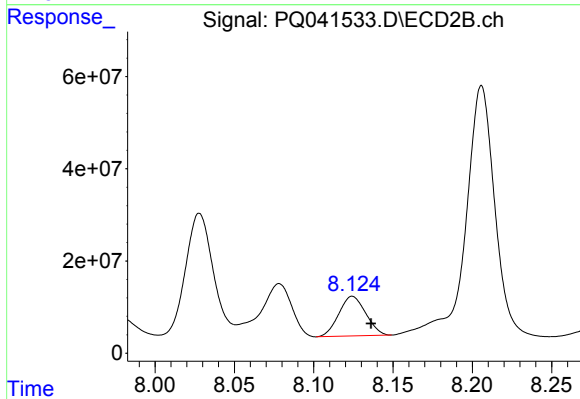
#31 AR-1260-1

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 221215718
Conc: 831.78 ng/ml



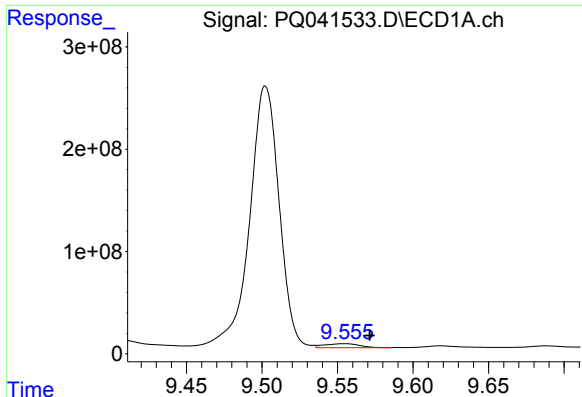
#32 AR-1260-2

R.T.: 9.176 min
Delta R.T.: -0.019 min
Response: 824721881
Conc: 1799.25 ng/ml



#32 AR-1260-2

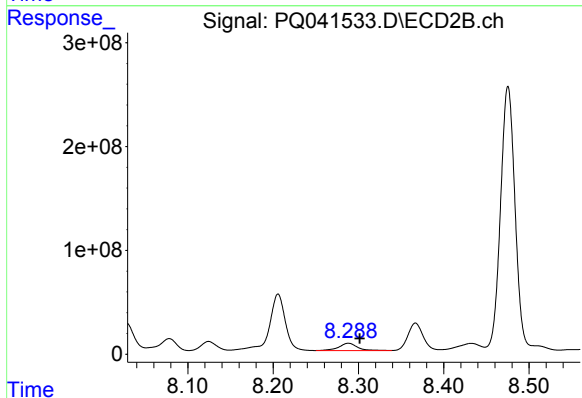
R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 101773234
Conc: 280.48 ng/ml



#33 AR-1260-3

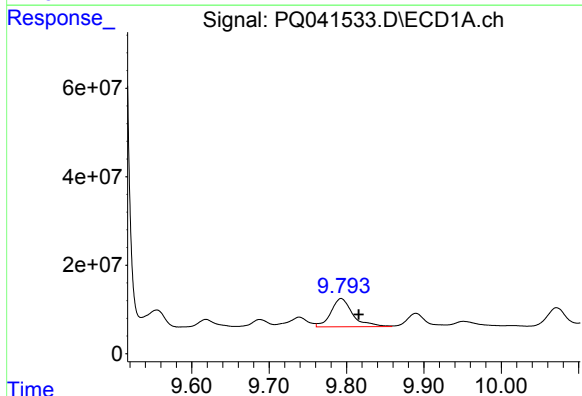
R.T.: 9.554 min
Delta R.T.: -0.017 min
Response: 62833967
Conc: 147.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



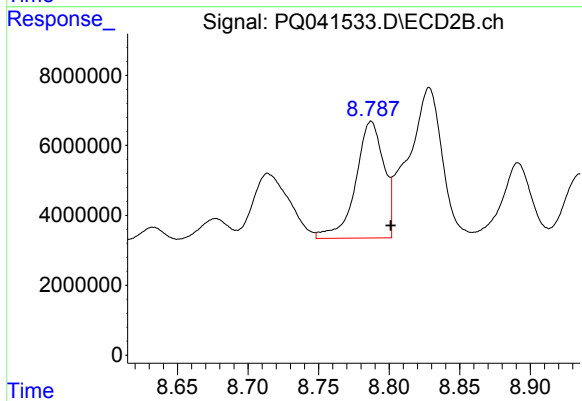
#33 AR-1260-3

R.T.: 8.288 min
Delta R.T.: -0.013 min
Response: 106547144
Conc: 339.30 ng/ml



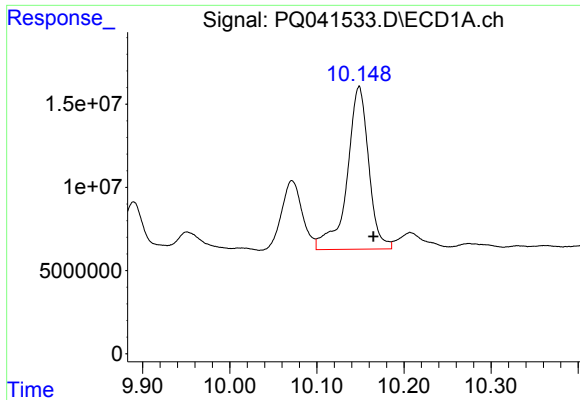
#34 AR-1260-4

R.T.: 9.793 min
Delta R.T.: -0.023 min
Response: 125544847
Conc: 298.24 ng/ml



#34 AR-1260-4

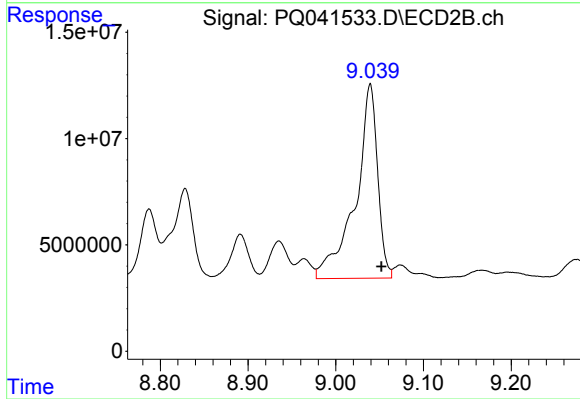
R.T.: 8.787 min
Delta R.T.: -0.014 min
Response: 46221356
Conc: 162.36 ng/ml



#35 AR-1260-5

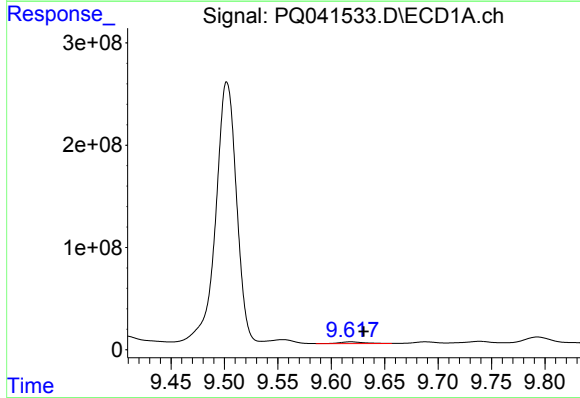
R.T.: 10.148 min
Delta R.T.: -0.016 min
Response: 168864578
Conc: 158.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



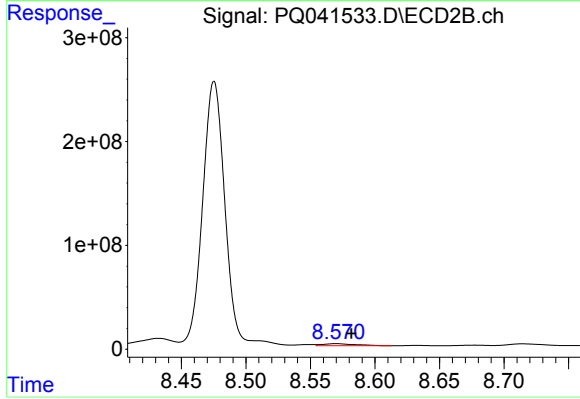
#35 AR-1260-5

R.T.: 9.039 min
Delta R.T.: -0.013 min
Response: 159778023
Conc: 214.88 ng/ml



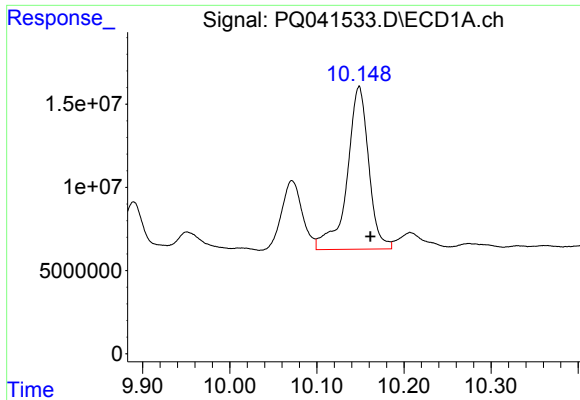
#36 AR-1262-1

R.T.: 9.618 min
Delta R.T.: -0.012 min
Response: 27938214
Conc: 113.79 ng/ml



#36 AR-1262-1

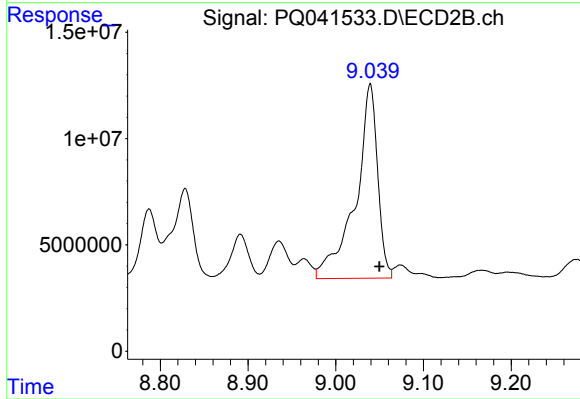
R.T.: 8.570 min
Delta R.T.: -0.012 min
Response: 35925350
Conc: 186.78 ng/ml



#37 AR-1262-2

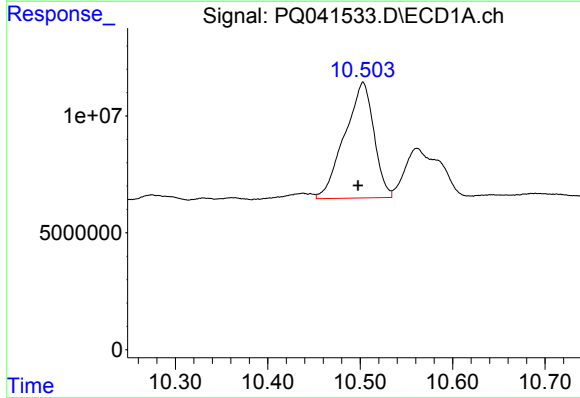
R.T.: 10.148 min
Delta R.T.: -0.013 min
Response: 168864578
Conc: 139.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



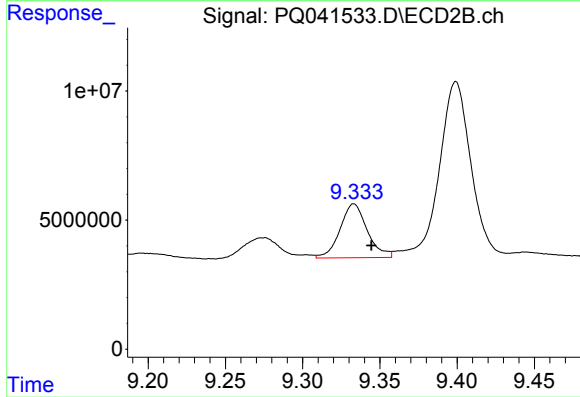
#37 AR-1262-2

R.T.: 9.039 min
Delta R.T.: -0.010 min
Response: 159778023
Conc: 190.18 ng/ml



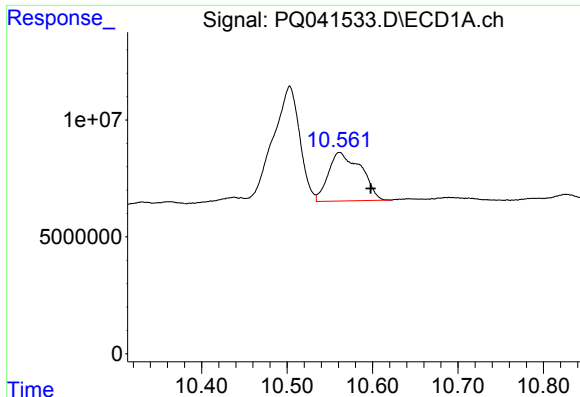
#38 AR-1262-3

R.T.: 10.503 min
Delta R.T.: 0.005 min
Response: 108402462
Conc: 130.07 ng/ml



#38 AR-1262-3

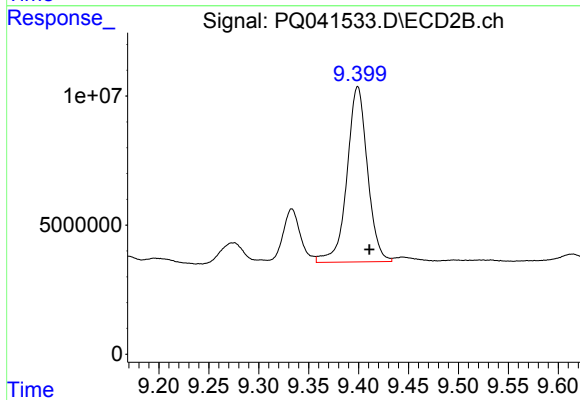
R.T.: 9.333 min
Delta R.T.: -0.011 min
Response: 25531926
Conc: 72.59 ng/ml



#39 AR-1262-4

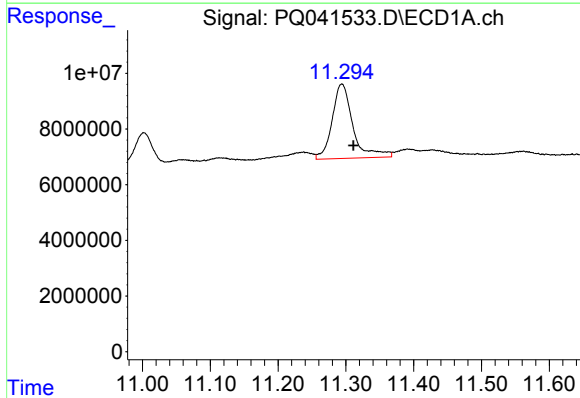
R.T.: 10.561 min
Delta R.T.: -0.036 min
Response: 55177538
Conc: 84.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



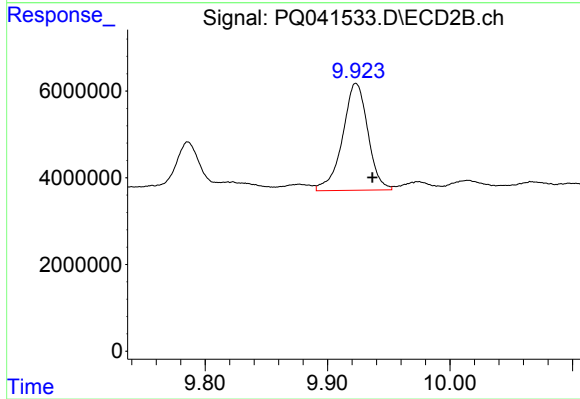
#39 AR-1262-4

R.T.: 9.399 min
Delta R.T.: -0.012 min
Response: 97053348
Conc: 165.14 ng/ml



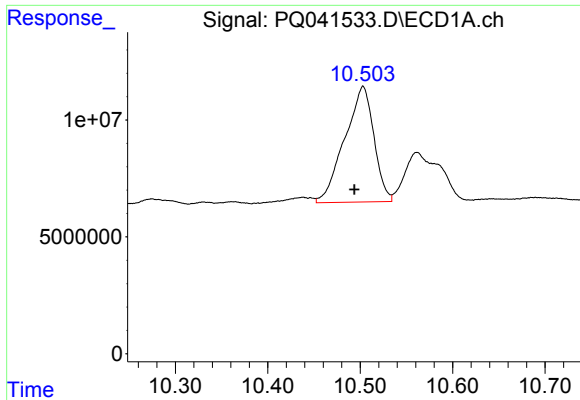
#40 AR-1262-5

R.T.: 11.294 min
Delta R.T.: -0.017 min
Response: 56791254
Conc: 124.24 ng/ml



#40 AR-1262-5

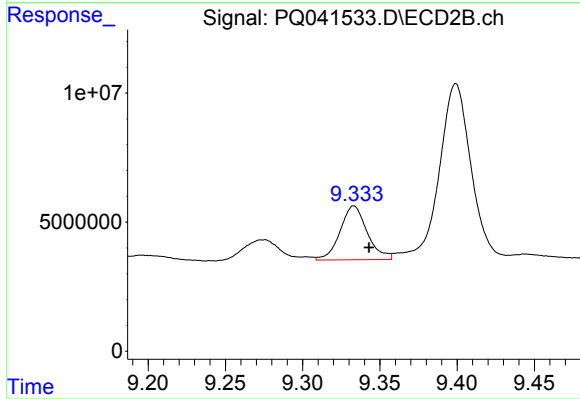
R.T.: 9.923 min
Delta R.T.: -0.013 min
Response: 35389016
Conc: 147.48 ng/ml



#41 AR-1268-1

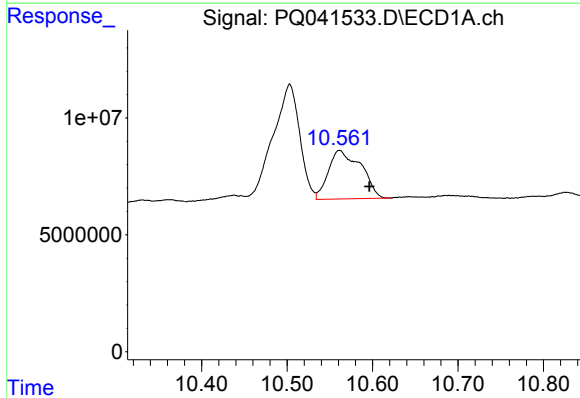
R.T.: 10.503 min
Delta R.T.: 0.009 min
Response: 108402462
Conc: 60.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



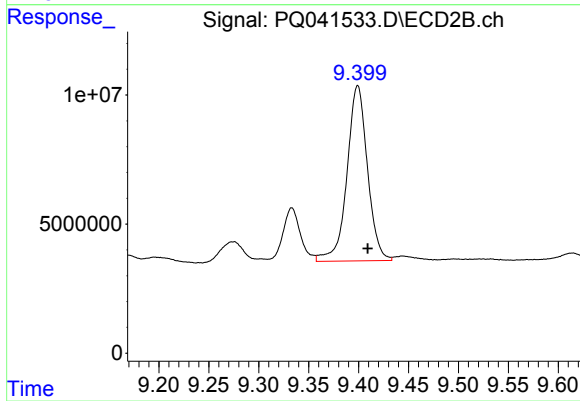
#41 AR-1268-1

R.T.: 9.333 min
Delta R.T.: -0.010 min
Response: 25531926
Conc: 22.35 ng/ml



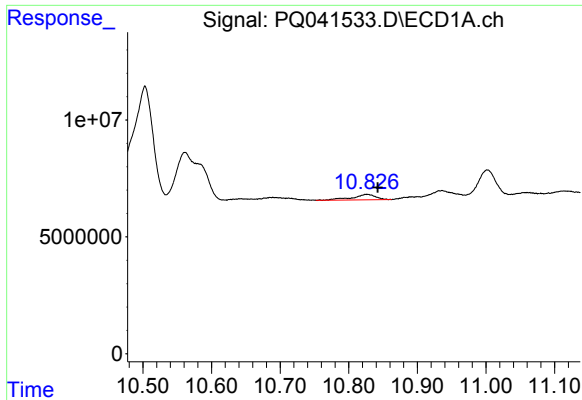
#42 AR-1268-2

R.T.: 10.561 min
Delta R.T.: -0.035 min
Response: 55177538
Conc: 34.58 ng/ml



#42 AR-1268-2

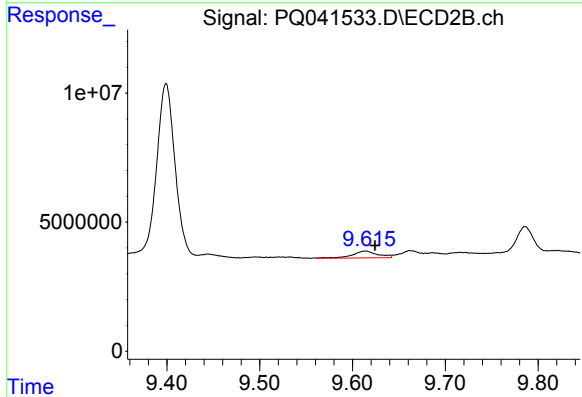
R.T.: 9.399 min
Delta R.T.: -0.010 min
Response: 97053348
Conc: 99.88 ng/ml



#43 AR-1268-3

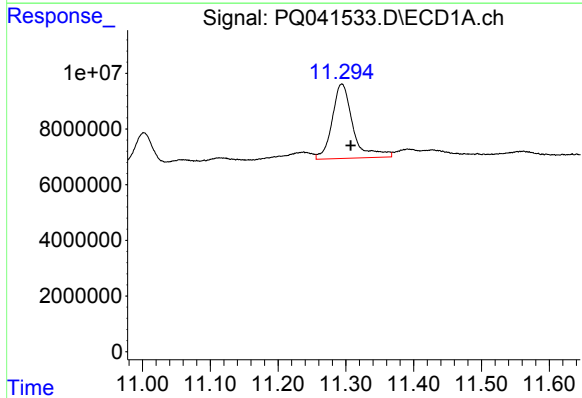
R.T.: 10.827 min
Delta R.T.: -0.016 min
Response: 5577954
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



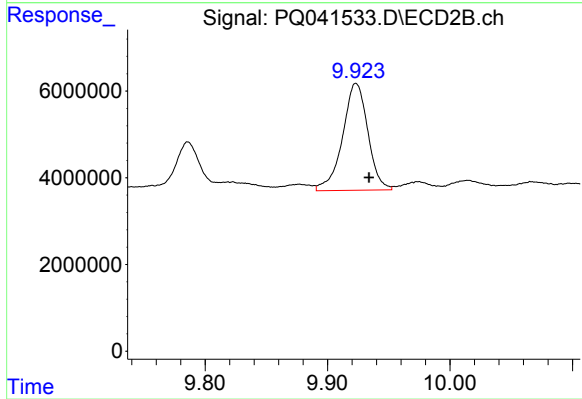
#43 AR-1268-3

R.T.: 9.614 min
Delta R.T.: -0.010 min
Response: 4967371
Conc: 6.22 ng/ml



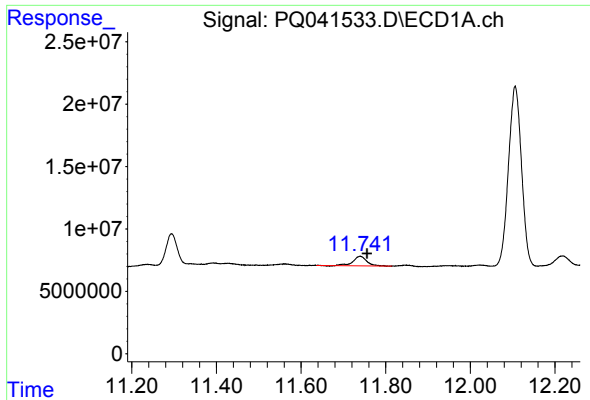
#44 AR-1268-4

R.T.: 11.294 min
Delta R.T.: -0.013 min
Response: 56791254
Conc: 100.05 ng/ml



#44 AR-1268-4

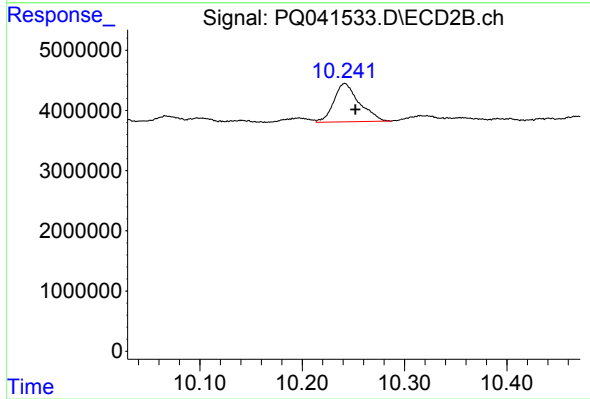
R.T.: 9.923 min
Delta R.T.: -0.010 min
Response: 35389016
Conc: 115.32 ng/ml



#45 AR-1268-5

R.T.: 11.740 min
Delta R.T.: -0.017 min
Response: 17133000
Conc: 3.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.242 min
Delta R.T.: -0.010 min
Response: 11028296
Conc: 5.58 ng/ml