

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
 Data File : PQ033136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2018 12:42
 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 16 01:05:24 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...	4.573	3.854	42457065	31319199	20.696	20.137
2)	SA Decachlor...	10.407	8.906	71432407	61294406	37.789	38.129
Target Compounds							
3)	L1 AR-1016-1	5.750	4.965	27483151	31409358	394.704	548.656 #
4)	L1 AR-1016-2	5.773	4.965	38869814	31409358	377.347	394.175
5)	L1 AR-1016-3	5.835	5.143	24259113	16774563	387.419	404.399
6)	L1 AR-1016-4	5.935	5.182	19257110	13404307	381.015	391.209
7)	L1 AR-1016-5	6.229	5.398	19429197	17455179	377.040	382.027
8)	L2 AR-1221-1	4.779	4.066	2022355	1812439	85.163	98.067
9)	L2 AR-1221-2	4.871	4.156	3170036	2334688	192.554	176.509
10)	L2 AR-1221-3	4.949	4.231	12696672	11044842	221.301	241.517
11)	L3 AR-1232-1	4.949	4.231	12696672	11044842	285.999	319.171
12)	L3 AR-1232-2	5.482	4.965	19854424	31409358	840.619	835.305
13)	L3 AR-1232-3	5.773	5.143	38869814	16774563	813.013	856.466
14)	L3 AR-1232-4	5.935	5.224	19257110	15961580	808.476	929.988
15)	L3 AR-1232-5	6.023	5.398	18197637	17455179	1020.380	895.132
16)	L4 AR-1242-1	5.750	4.965	27483151	31409358	460.534	645.509 #
17)	L4 AR-1242-2	5.773	4.965	38869814	31409358	447.561	465.326
18)	L4 AR-1242-3	5.835	5.143	24259113	16774563	463.945	457.938
19)	L4 AR-1242-4	5.935	5.224	19257110	15961580	446.551	433.350
20)	L4 AR-1242-5	6.673	5.749	5460880	19272652	110.774	401.183 #
21)	L5 AR-1248-1	5.750	4.946	27483151	22732077	554.065	554.714
22)	L5 AR-1248-2	6.023	5.182	18197637	13404307	247.411	243.983
23)	L5 AR-1248-3	6.229	5.224	19429197	15961580	237.740	285.015
24)	L5 AR-1248-4	6.633	5.398	6481631	17455179	69.195	253.088 #
25)	L5 AR-1248-5	6.673	5.791	5460880	4212288	61.491	60.935
26)	L6 AR-1254-1	6.606	5.749	20009780	19272652	201.911	171.068
27)	L6 AR-1254-2	6.823	5.895	18801114	15224837	120.305	154.183 #
28)	L6 AR-1254-3	7.193	6.313	11159813	31307012	65.768	188.380 #
29)	L6 AR-1254-4	7.478	6.529	8370717	4106131	67.793	38.593 #
30)	L6 AR-1254-5	7.898	6.946	57923122	52812992	437.556	359.553
31)	L7 AR-1260-1	7.355	6.430	38557881	35110506	360.499	373.817
32)	L7 AR-1260-2	7.612	6.616	46515677	44023498	368.367	377.850
33)	L7 AR-1260-3	7.971	6.772	28504988	40718491	365.957	377.573
34)	L7 AR-1260-4	8.202	7.243	35536783	28809710	351.059	374.788
35)	L7 AR-1260-5	8.532	7.483	67061642	72939911	355.148	379.662
36)	L8 AR-1262-1	7.971	6.981	28504988	30364641	211.480	236.275
37)	L8 AR-1262-2	8.532	7.483	67061642	72939911	271.200	304.505
38)	L8 AR-1262-3	8.875	7.765	43121226	13276126	260.696	142.526 #
39)	L8 AR-1262-4	8.928	7.830	24003356	52059500	352.206	299.032
40)	L8 AR-1262-5	9.630	8.335	16699669	13934471	190.874	172.680
41)	L9 AR-1268-1	8.875	7.765	43121226	13276126	117.586	38.831 #

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 Acq On : 15 Oct 2018 12:42
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

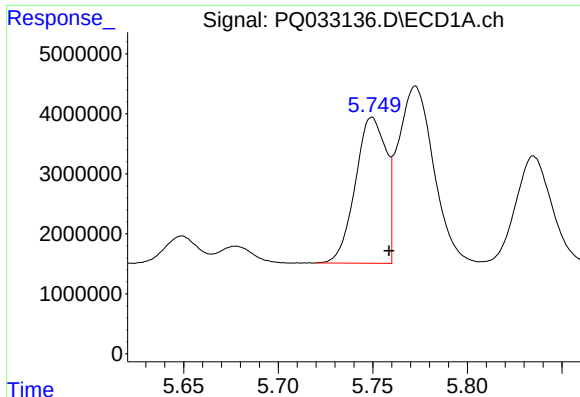
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 01:05:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.928	7.830	24003356	52059500	72.021	168.466 #
43) L9	AR-1268-3	0.000	8.035	0	891117	N.D.	3.483 #
44) L9	AR-1268-4	9.630	8.335	16699669	13934471	138.221	126.323
45) L9	AR-1268-5	10.058	8.640	4290873	3807598	4.641	4.552

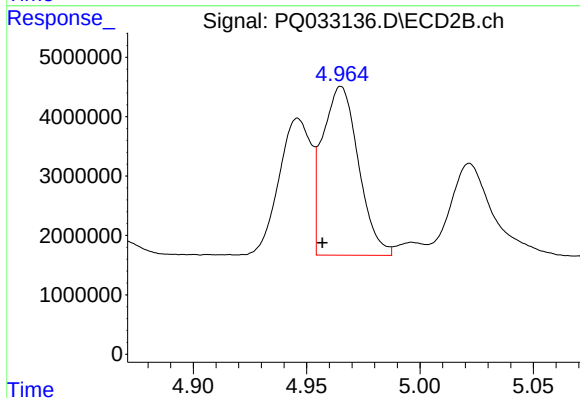
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

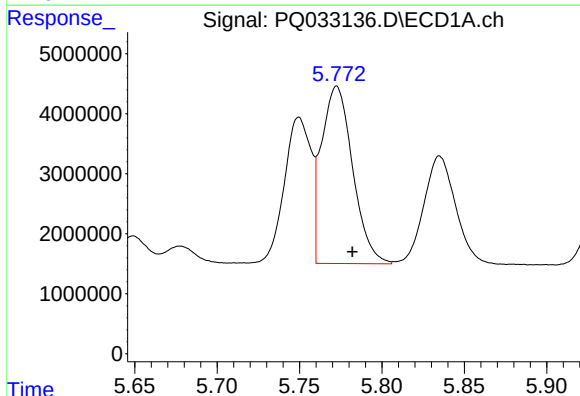
R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 27483151
Conc: 394.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



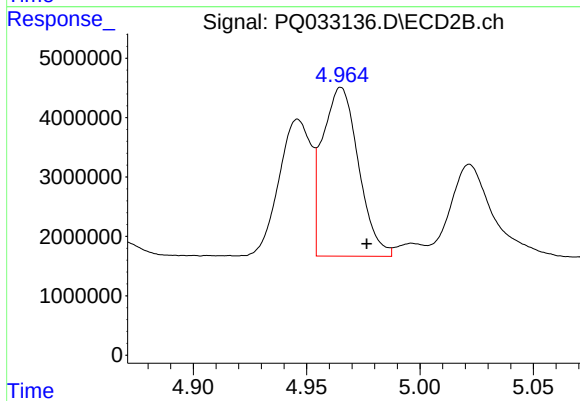
#3 AR-1016-1

R.T.: 4.965 min
Delta R.T.: 0.008 min
Response: 31409358
Conc: 548.66 ng/ml



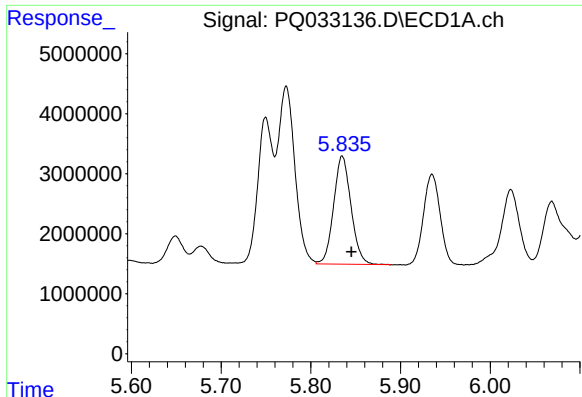
#4 AR-1016-2

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 38869814
Conc: 377.35 ng/ml



#4 AR-1016-2

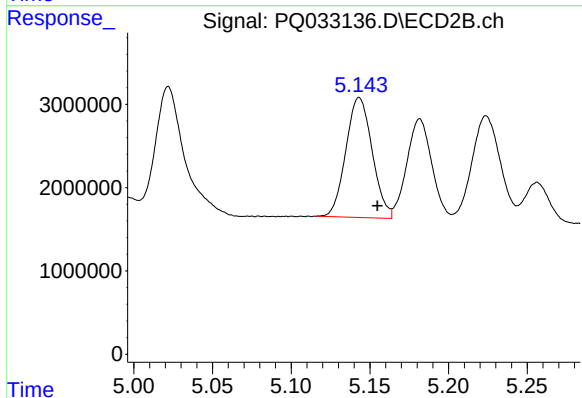
R.T.: 4.965 min
Delta R.T.: -0.011 min
Response: 31409358
Conc: 394.17 ng/ml



#5 AR-1016-3

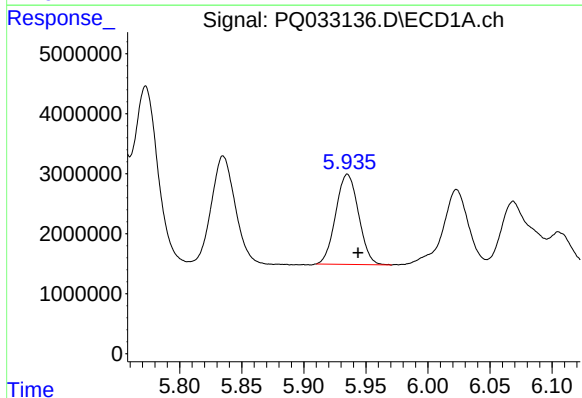
R.T.: 5.835 min
Delta R.T.: -0.010 min
Response: 24259113
Conc: 387.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



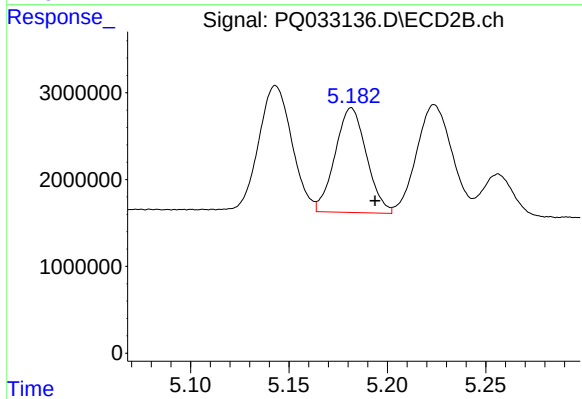
#5 AR-1016-3

R.T.: 5.143 min
Delta R.T.: -0.011 min
Response: 16774563
Conc: 404.40 ng/ml



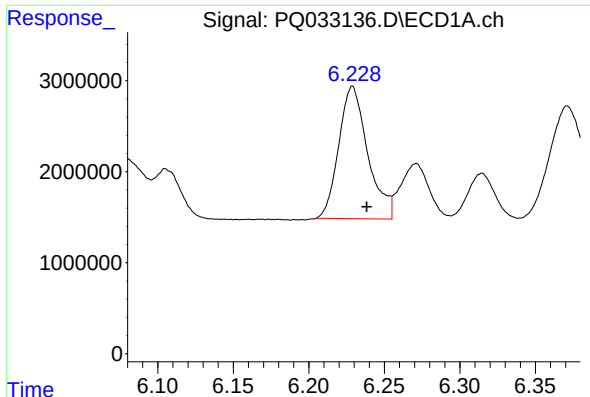
#6 AR-1016-4

R.T.: 5.935 min
Delta R.T.: -0.009 min
Response: 19257110
Conc: 381.02 ng/ml



#6 AR-1016-4

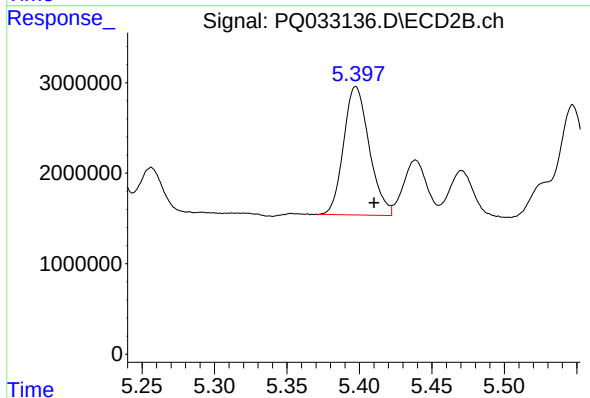
R.T.: 5.182 min
Delta R.T.: -0.012 min
Response: 13404307
Conc: 391.21 ng/ml



#7 AR-1016-5

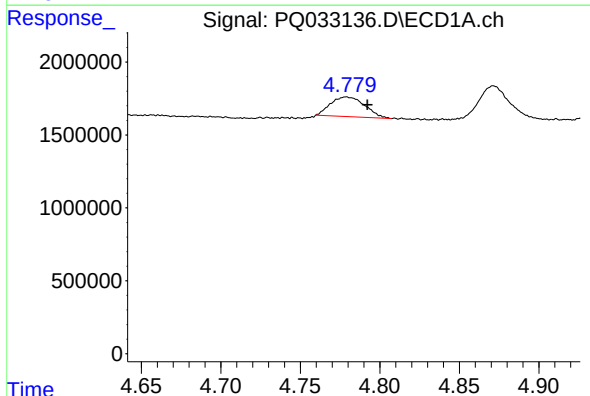
R.T.: 6.229 min
Delta R.T.: -0.009 min
Response: 19429197
Conc: 377.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



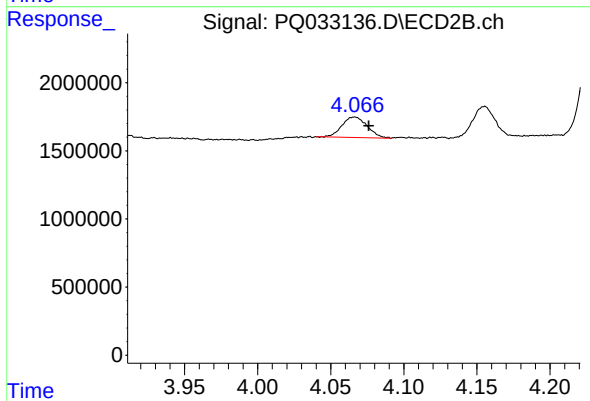
#7 AR-1016-5

R.T.: 5.398 min
Delta R.T.: -0.013 min
Response: 17455179
Conc: 382.03 ng/ml



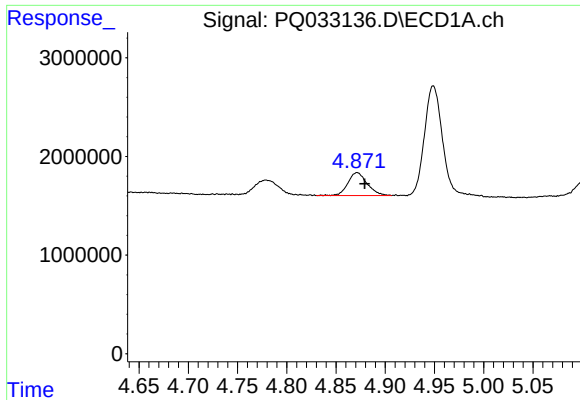
#8 AR-1221-1

R.T.: 4.779 min
Delta R.T.: -0.013 min
Response: 2022355
Conc: 85.16 ng/ml



#8 AR-1221-1

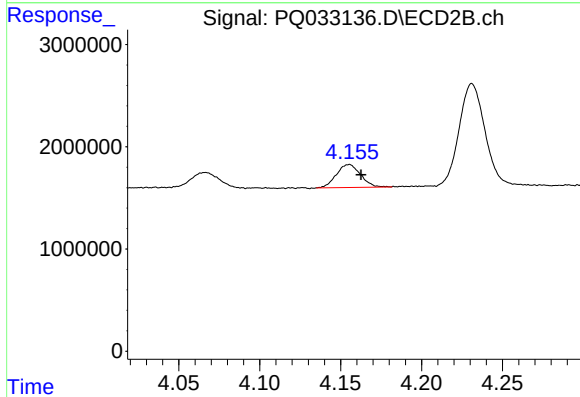
R.T.: 4.066 min
Delta R.T.: -0.010 min
Response: 1812439
Conc: 98.07 ng/ml



#9 AR-1221-2

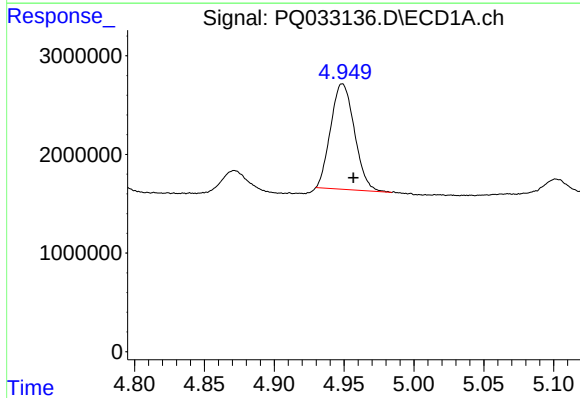
R.T.: 4.871 min
Delta R.T.: -0.008 min
Response: 3170036
Conc: 192.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



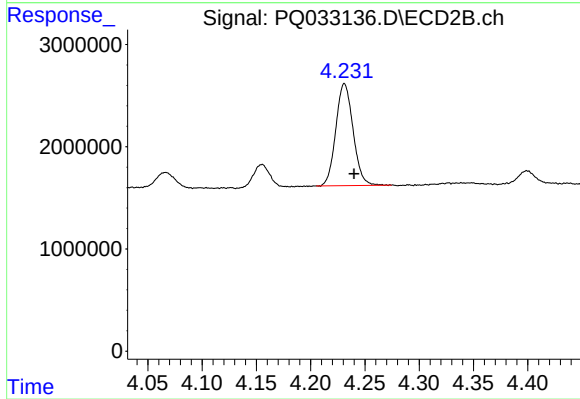
#9 AR-1221-2

R.T.: 4.156 min
Delta R.T.: -0.007 min
Response: 2334688
Conc: 176.51 ng/ml



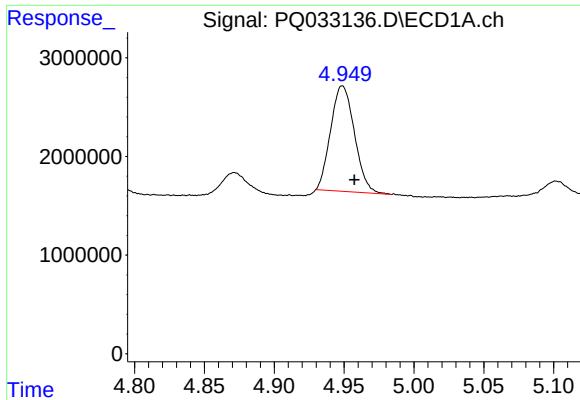
#10 AR-1221-3

R.T.: 4.949 min
Delta R.T.: -0.008 min
Response: 12696672
Conc: 221.30 ng/ml



#10 AR-1221-3

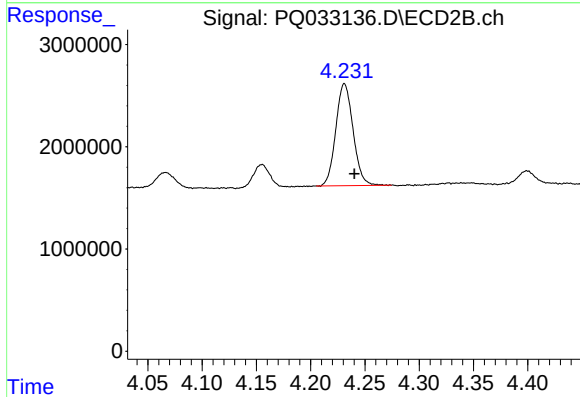
R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 11044842
Conc: 241.52 ng/ml



#11 AR-1232-1

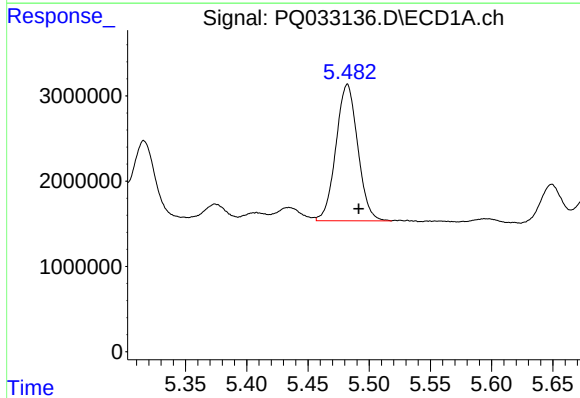
R.T.: 4.949 min
Delta R.T.: -0.008 min
Response: 12696672
Conc: 286.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



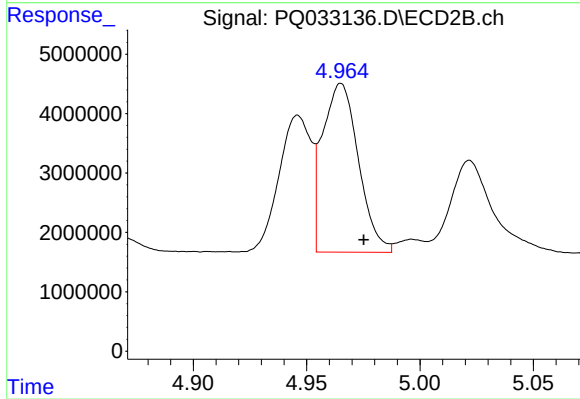
#11 AR-1232-1

R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 11044842
Conc: 319.17 ng/ml



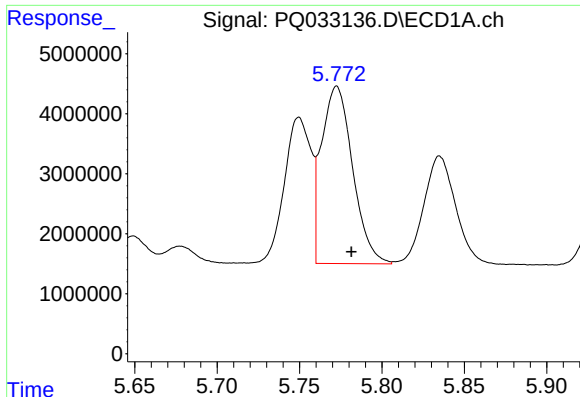
#12 AR-1232-2

R.T.: 5.482 min
Delta R.T.: -0.009 min
Response: 19854424
Conc: 840.62 ng/ml



#12 AR-1232-2

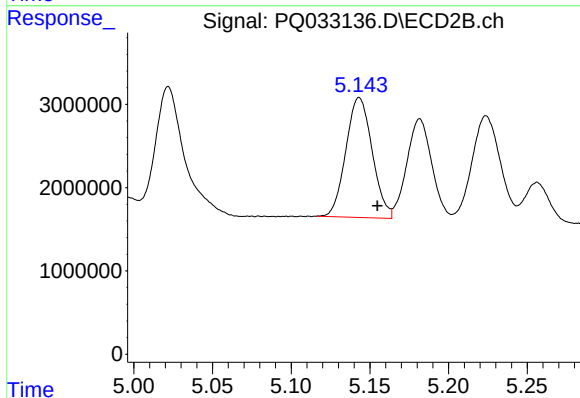
R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 31409358
Conc: 835.30 ng/ml



#13 AR-1232-3

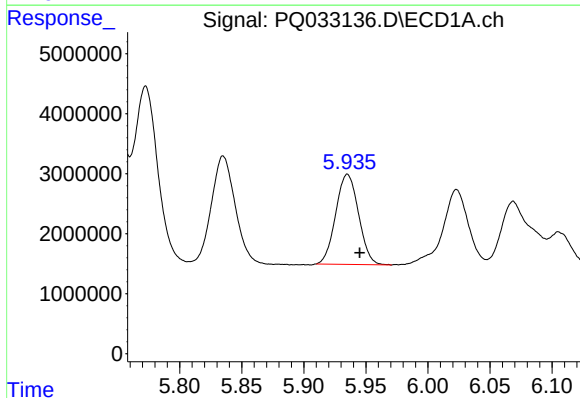
R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 38869814
Conc: 813.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



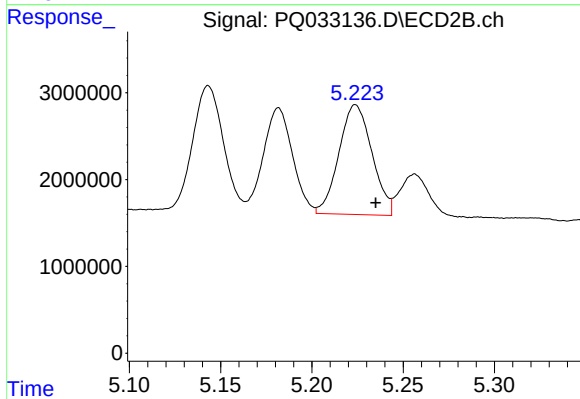
#13 AR-1232-3

R.T.: 5.143 min
Delta R.T.: -0.011 min
Response: 16774563
Conc: 856.47 ng/ml



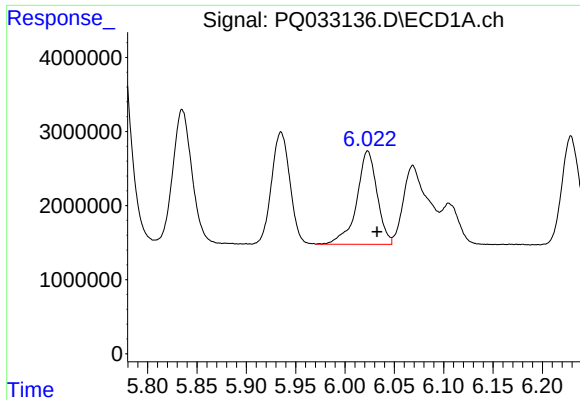
#14 AR-1232-4

R.T.: 5.935 min
Delta R.T.: -0.010 min
Response: 19257110
Conc: 808.48 ng/ml



#14 AR-1232-4

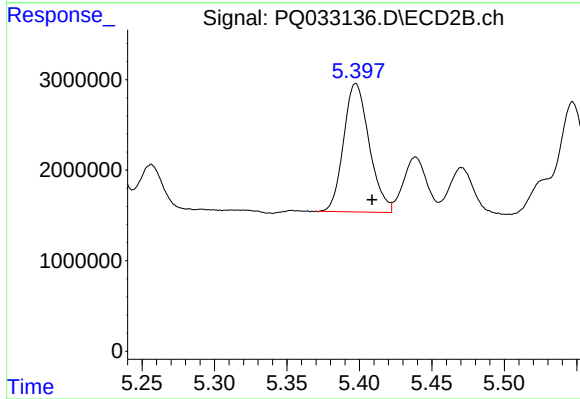
R.T.: 5.224 min
Delta R.T.: -0.011 min
Response: 15961580
Conc: 929.99 ng/ml



#15 AR-1232-5

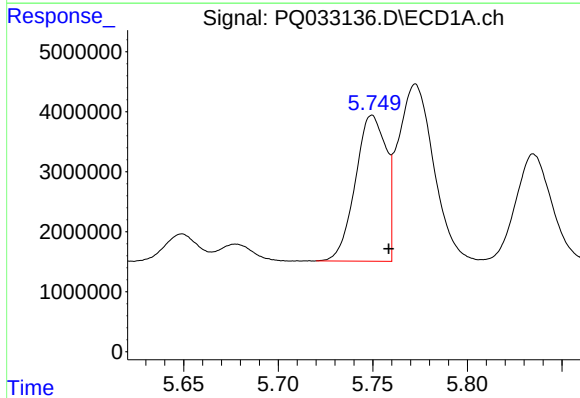
R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 18197637
Conc: 1020.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



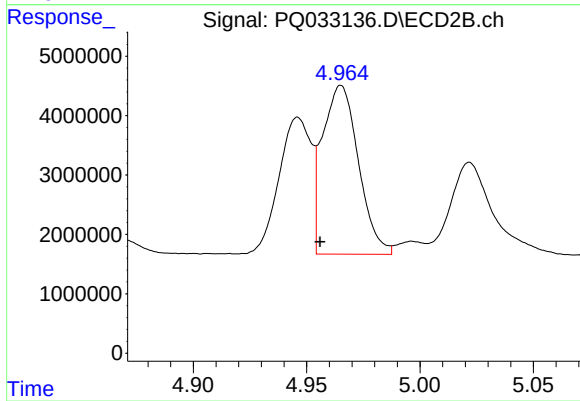
#15 AR-1232-5

R.T.: 5.398 min
Delta R.T.: -0.011 min
Response: 17455179
Conc: 895.13 ng/ml



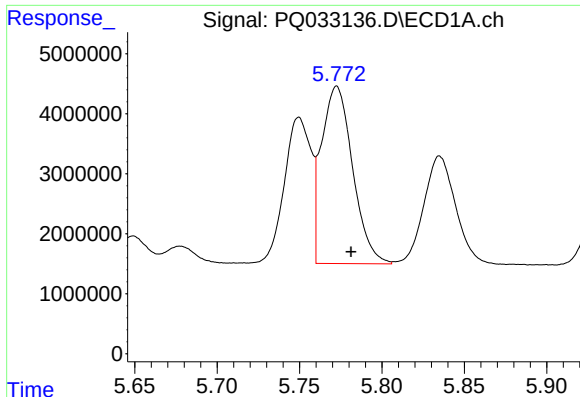
#16 AR-1242-1

R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 27483151
Conc: 460.53 ng/ml



#16 AR-1242-1

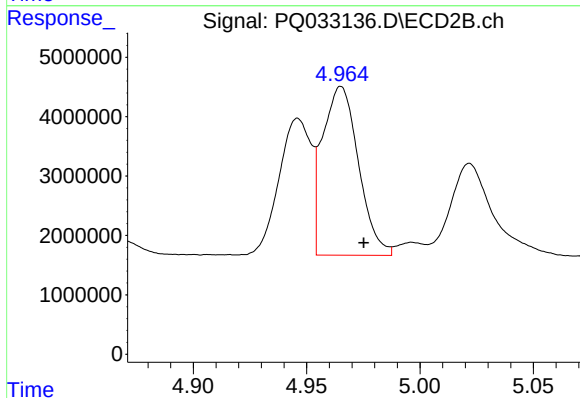
R.T.: 4.965 min
Delta R.T.: 0.009 min
Response: 31409358
Conc: 645.51 ng/ml



#17 AR-1242-2

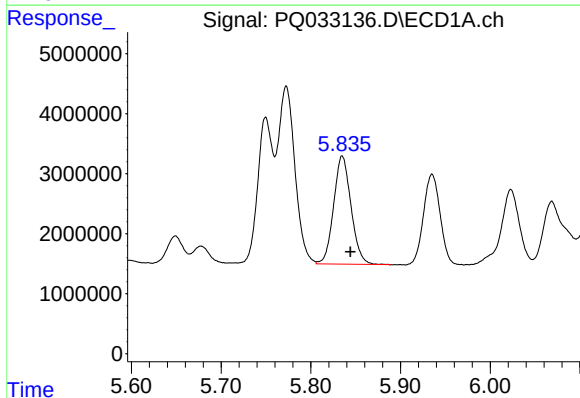
R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 38869814
Conc: 447.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



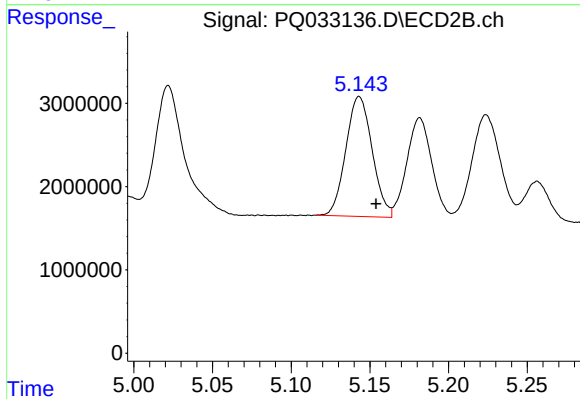
#17 AR-1242-2

R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 31409358
Conc: 465.33 ng/ml



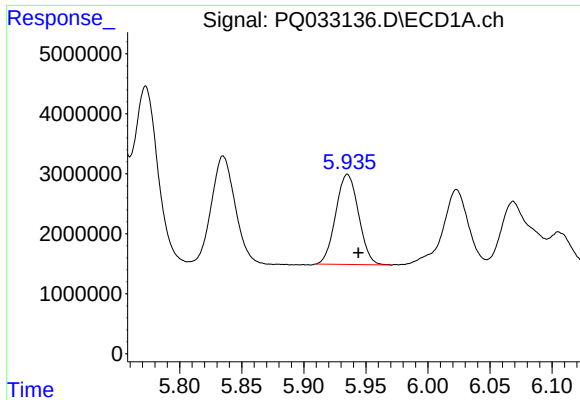
#18 AR-1242-3

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 24259113
Conc: 463.94 ng/ml



#18 AR-1242-3

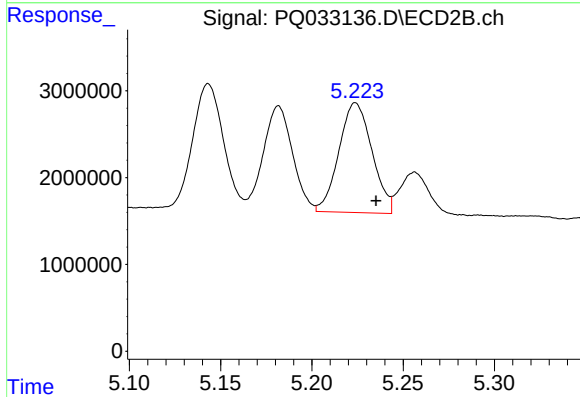
R.T.: 5.143 min
Delta R.T.: -0.011 min
Response: 16774563
Conc: 457.94 ng/ml



#19 AR-1242-4

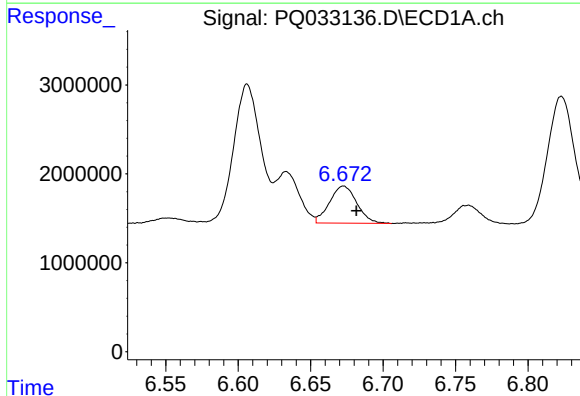
R.T.: 5.935 min
Delta R.T.: -0.009 min
Response: 19257110
Conc: 446.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



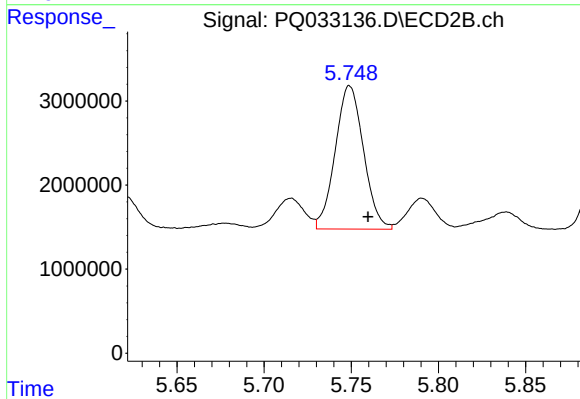
#19 AR-1242-4

R.T.: 5.224 min
Delta R.T.: -0.011 min
Response: 15961580
Conc: 433.35 ng/ml



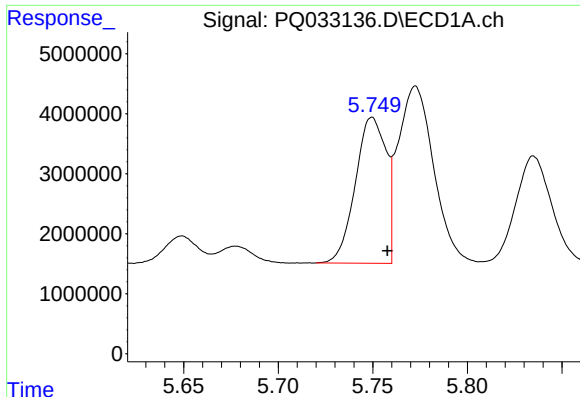
#20 AR-1242-5

R.T.: 6.673 min
Delta R.T.: -0.009 min
Response: 5460880
Conc: 110.77 ng/ml



#20 AR-1242-5

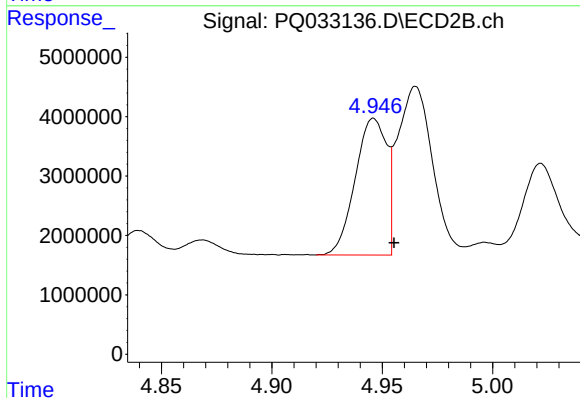
R.T.: 5.749 min
Delta R.T.: -0.011 min
Response: 19272652
Conc: 401.18 ng/ml



#21 AR-1248-1

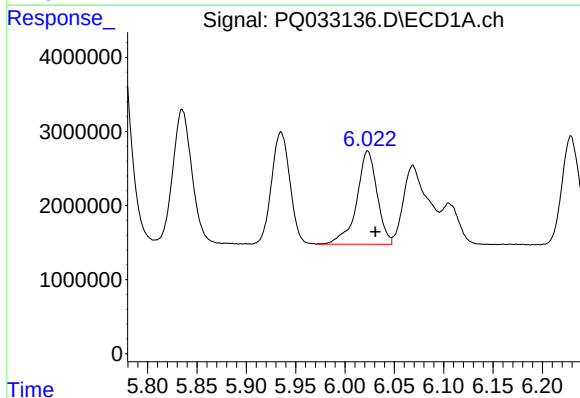
R.T.: 5.750 min
Delta R.T.: -0.008 min
Response: 27483151
Conc: 554.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



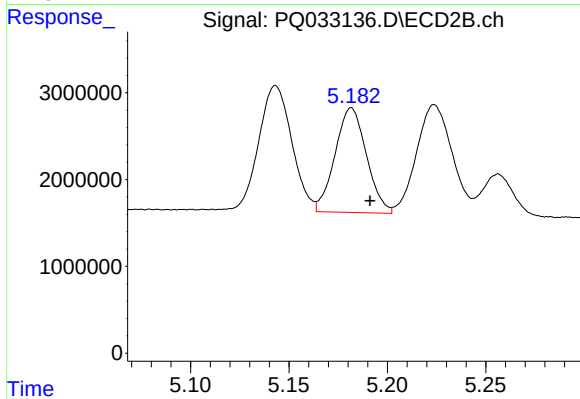
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: -0.009 min
Response: 22732077
Conc: 554.71 ng/ml



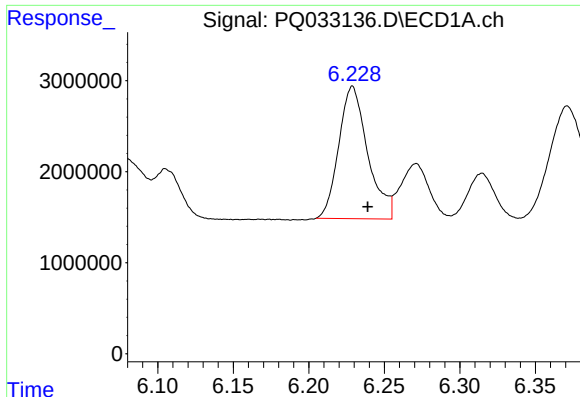
#22 AR-1248-2

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 18197637
Conc: 247.41 ng/ml



#22 AR-1248-2

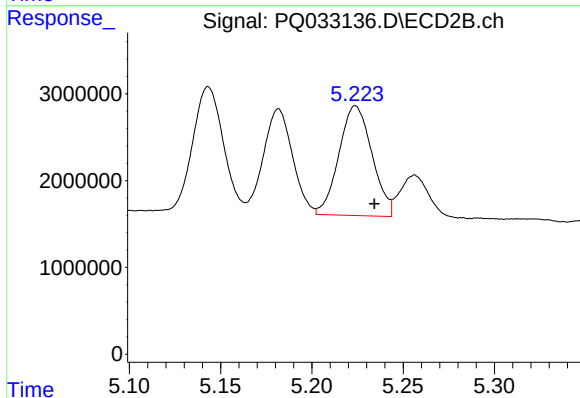
R.T.: 5.182 min
Delta R.T.: -0.010 min
Response: 13404307
Conc: 243.98 ng/ml



#23 AR-1248-3

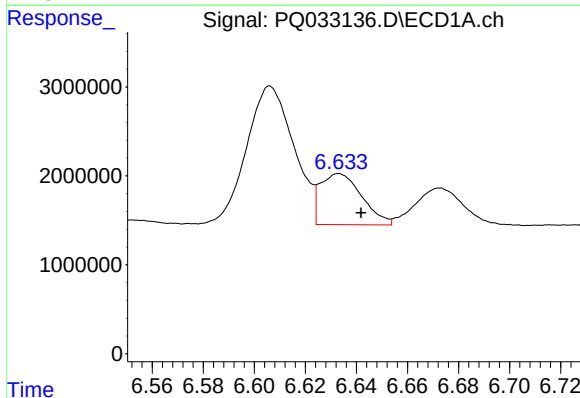
R.T.: 6.229 min
Delta R.T.: -0.010 min
Response: 19429197
Conc: 237.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



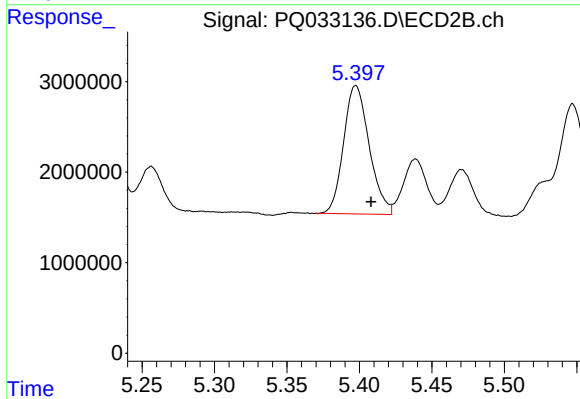
#23 AR-1248-3

R.T.: 5.224 min
Delta R.T.: -0.010 min
Response: 15961580
Conc: 285.02 ng/ml



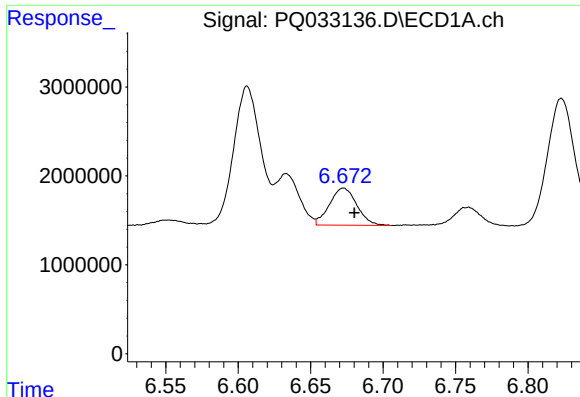
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 6481631
Conc: 69.20 ng/ml



#24 AR-1248-4

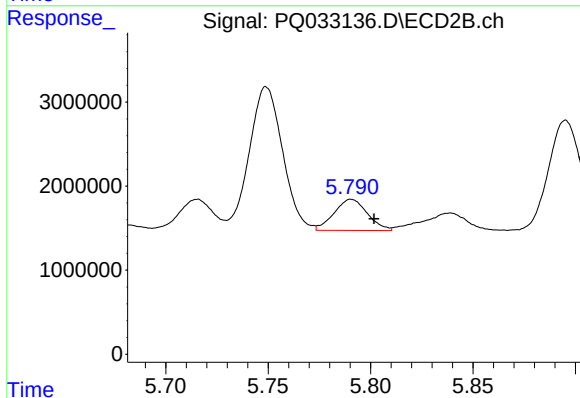
R.T.: 5.398 min
Delta R.T.: -0.010 min
Response: 17455179
Conc: 253.09 ng/ml



#25 AR-1248-5

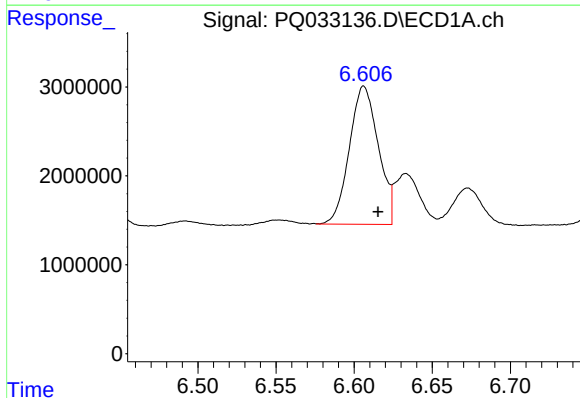
R.T.: 6.673 min
Delta R.T.: -0.008 min
Response: 5460880
Conc: 61.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



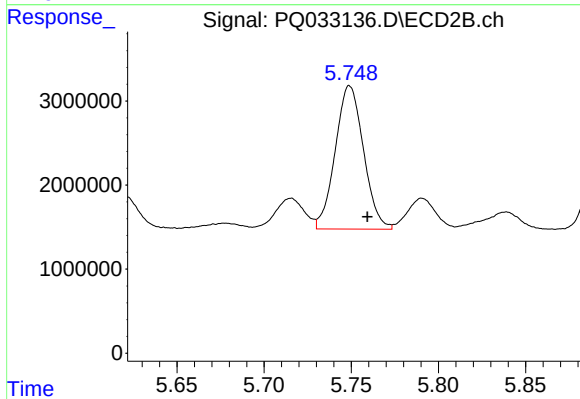
#25 AR-1248-5

R.T.: 5.791 min
Delta R.T.: -0.011 min
Response: 4212288
Conc: 60.93 ng/ml



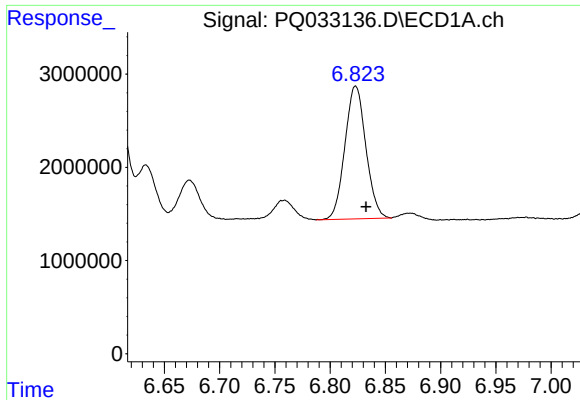
#26 AR-1254-1

R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: 20009780
Conc: 201.91 ng/ml



#26 AR-1254-1

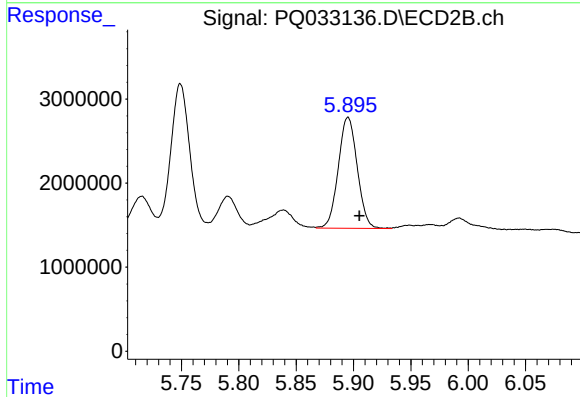
R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 19272652
Conc: 171.07 ng/ml



#27 AR-1254-2

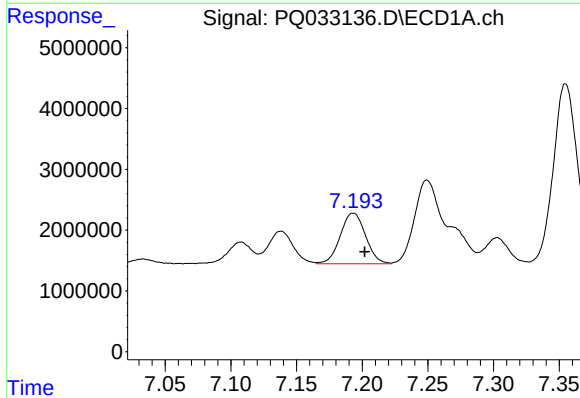
R.T.: 6.823 min
Delta R.T.: -0.009 min
Response: 18801114
Conc: 120.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



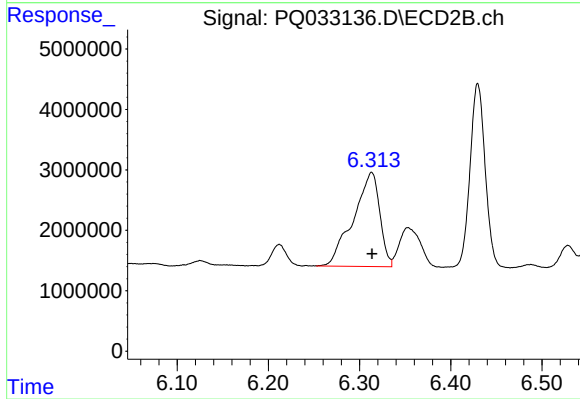
#27 AR-1254-2

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 15224837
Conc: 154.18 ng/ml



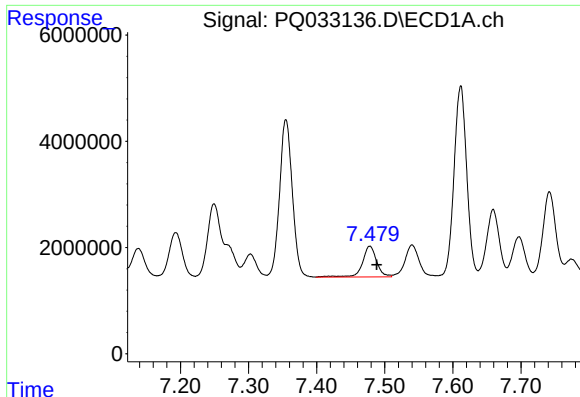
#28 AR-1254-3

R.T.: 7.193 min
Delta R.T.: -0.009 min
Response: 11159813
Conc: 65.77 ng/ml



#28 AR-1254-3

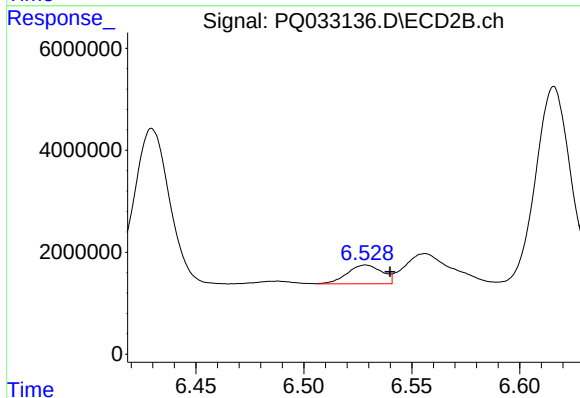
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 31307012
Conc: 188.38 ng/ml



#29 AR-1254-4

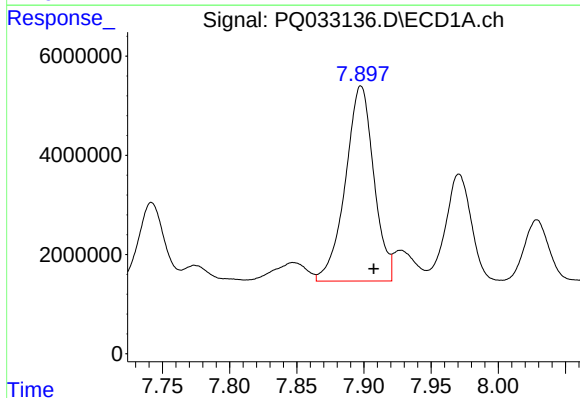
R.T.: 7.478 min
Delta R.T.: -0.010 min
Response: 8370717
Conc: 67.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



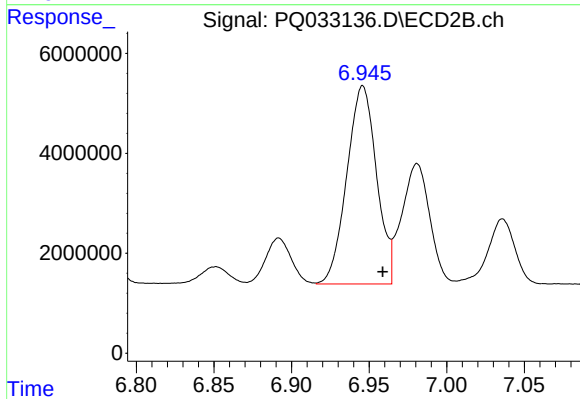
#29 AR-1254-4

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 4106131
Conc: 38.59 ng/ml



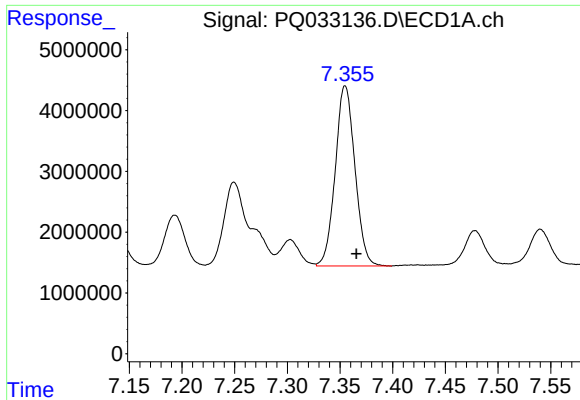
#30 AR-1254-5

R.T.: 7.898 min
Delta R.T.: -0.010 min
Response: 57923122
Conc: 437.56 ng/ml



#30 AR-1254-5

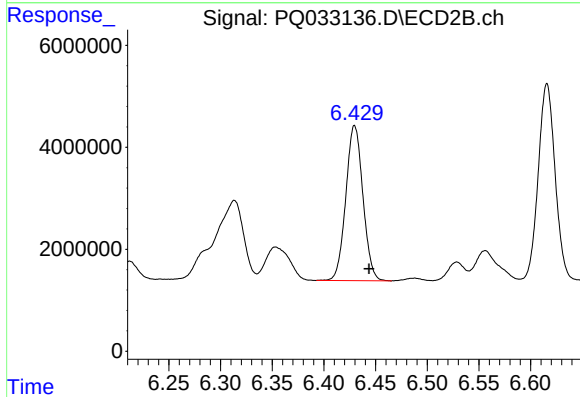
R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 52812992
Conc: 359.55 ng/ml



#31 AR-1260-1

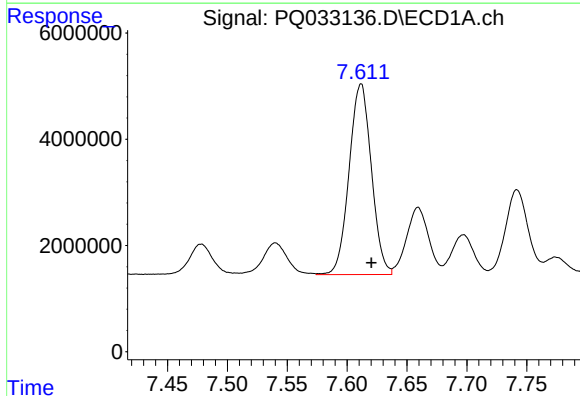
R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 38557881
Conc: 360.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



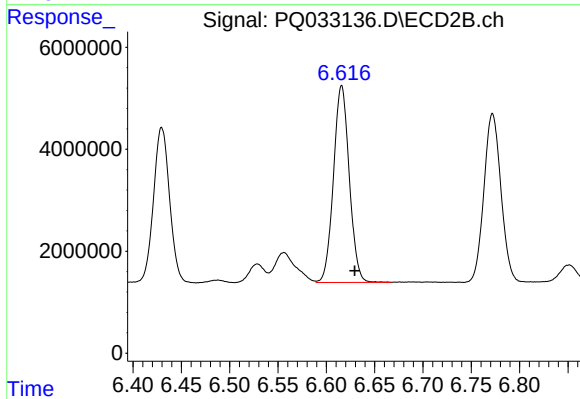
#31 AR-1260-1

R.T.: 6.430 min
Delta R.T.: -0.014 min
Response: 35110506
Conc: 373.82 ng/ml



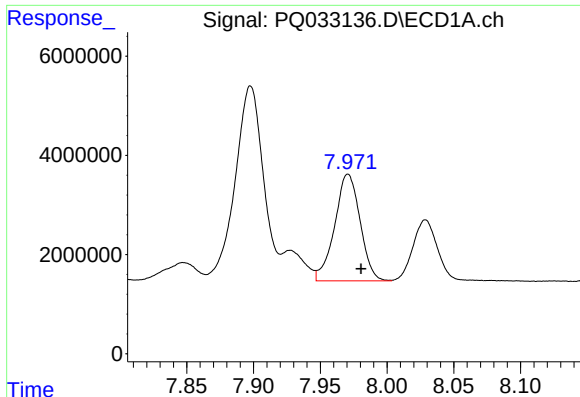
#32 AR-1260-2

R.T.: 7.612 min
Delta R.T.: -0.009 min
Response: 46515677
Conc: 368.37 ng/ml



#32 AR-1260-2

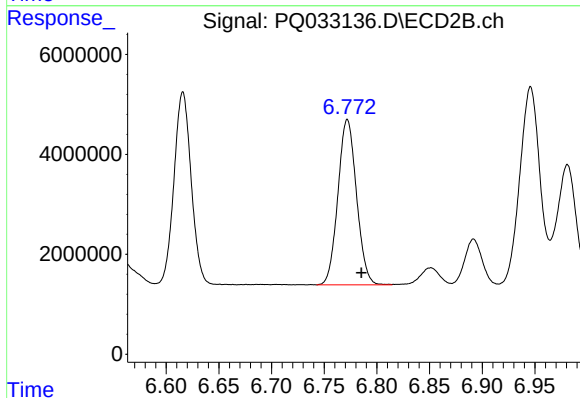
R.T.: 6.616 min
Delta R.T.: -0.014 min
Response: 44023498
Conc: 377.85 ng/ml



#33 AR-1260-3

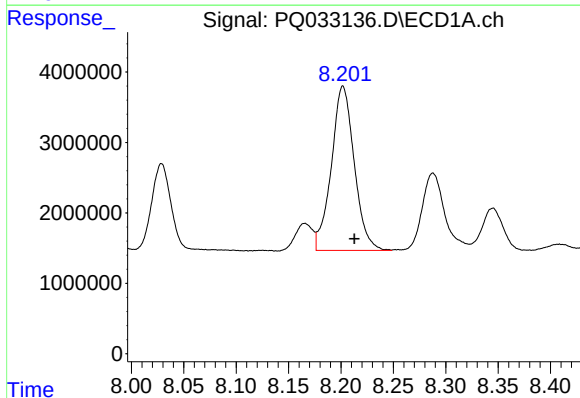
R.T.: 7.971 min
Delta R.T.: -0.010 min
Response: 28504988
Conc: 365.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



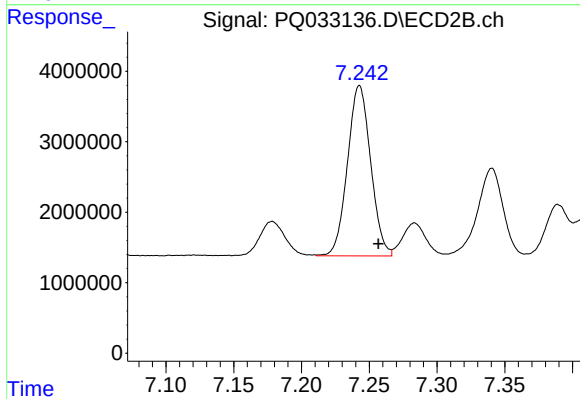
#33 AR-1260-3

R.T.: 6.772 min
Delta R.T.: -0.013 min
Response: 40718491
Conc: 377.57 ng/ml



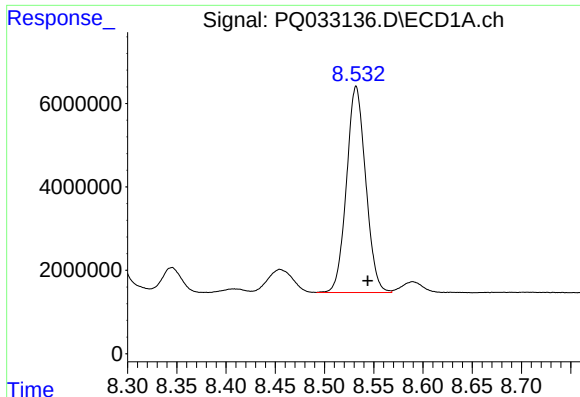
#34 AR-1260-4

R.T.: 8.202 min
Delta R.T.: -0.011 min
Response: 35536783
Conc: 351.06 ng/ml



#34 AR-1260-4

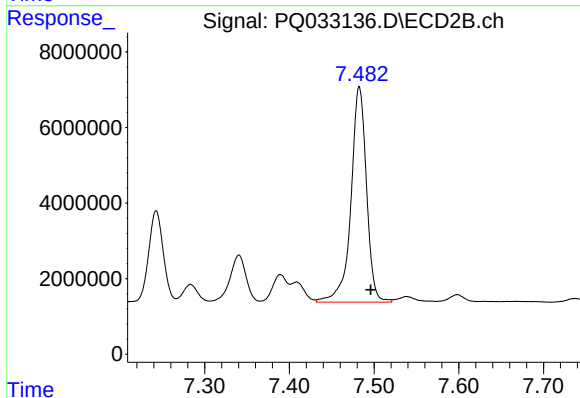
R.T.: 7.243 min
Delta R.T.: -0.014 min
Response: 28809710
Conc: 374.79 ng/ml



#35 AR-1260-5

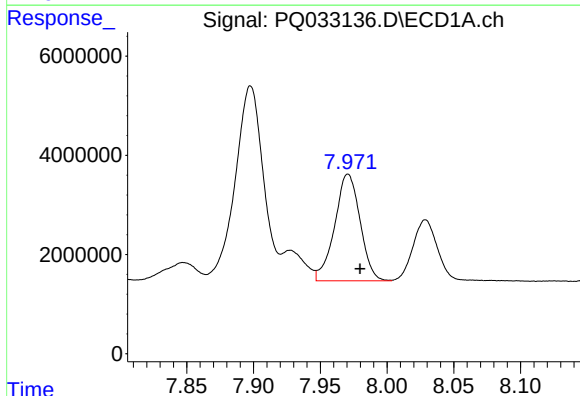
R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 67061642
Conc: 355.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



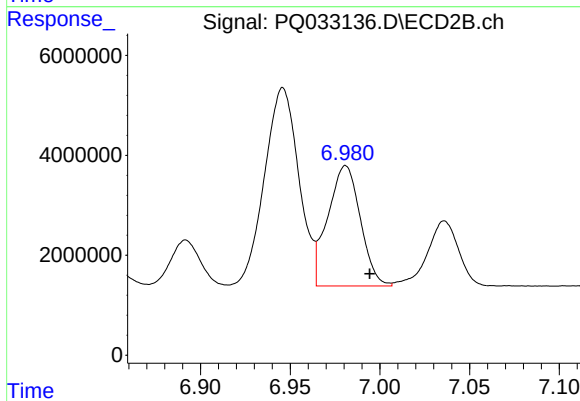
#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: -0.014 min
Response: 72939911
Conc: 379.66 ng/ml



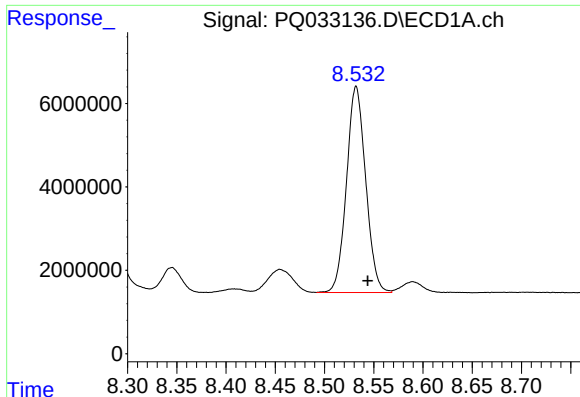
#36 AR-1262-1

R.T.: 7.971 min
Delta R.T.: -0.009 min
Response: 28504988
Conc: 211.48 ng/ml



#36 AR-1262-1

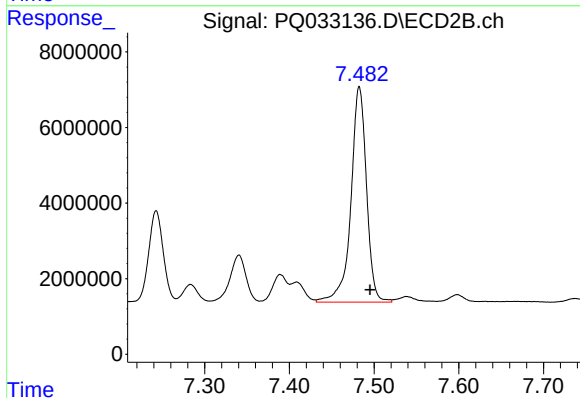
R.T.: 6.981 min
Delta R.T.: -0.014 min
Response: 30364641
Conc: 236.28 ng/ml



#37 AR-1262-2

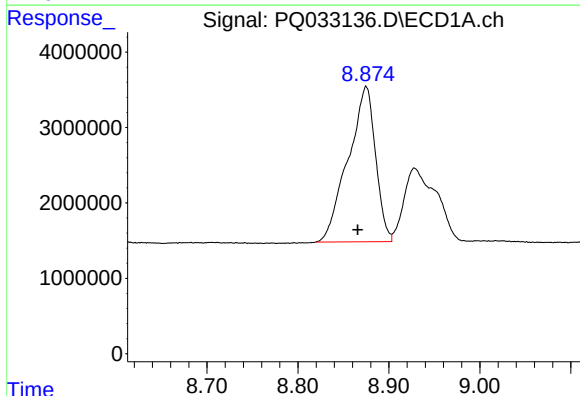
R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 67061642
Conc: 271.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



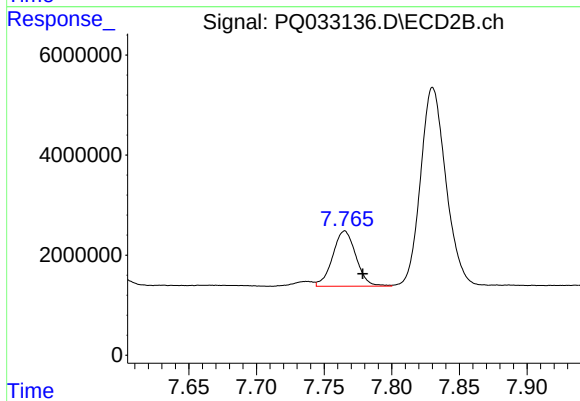
#37 AR-1262-2

R.T.: 7.483 min
Delta R.T.: -0.013 min
Response: 72939911
Conc: 304.51 ng/ml



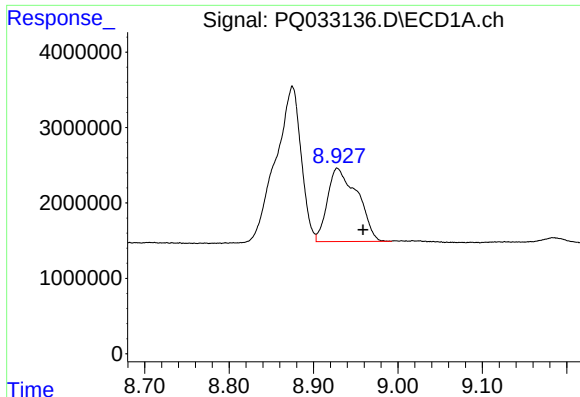
#38 AR-1262-3

R.T.: 8.875 min
Delta R.T.: 0.009 min
Response: 43121226
Conc: 260.70 ng/ml



#38 AR-1262-3

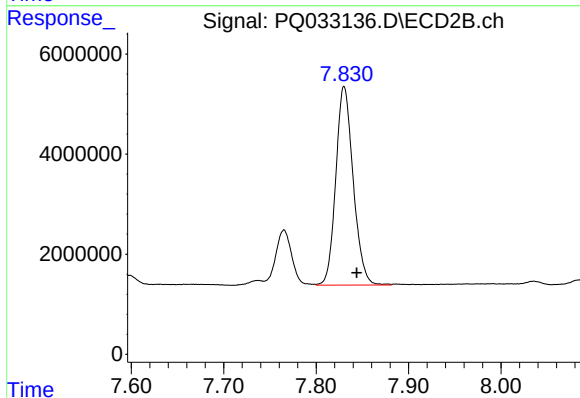
R.T.: 7.765 min
Delta R.T.: -0.013 min
Response: 13276126
Conc: 142.53 ng/ml



#39 AR-1262-4

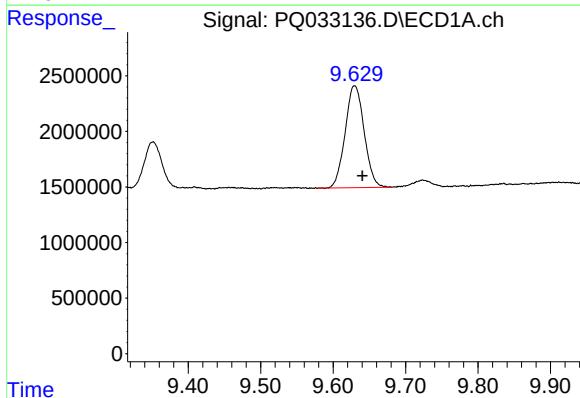
R.T.: 8.928 min
Delta R.T.: -0.030 min
Response: 24003356
Conc: 352.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



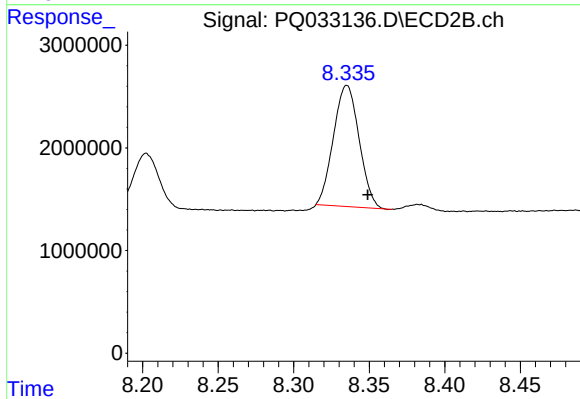
#39 AR-1262-4

R.T.: 7.830 min
Delta R.T.: -0.013 min
Response: 52059500
Conc: 299.03 ng/ml



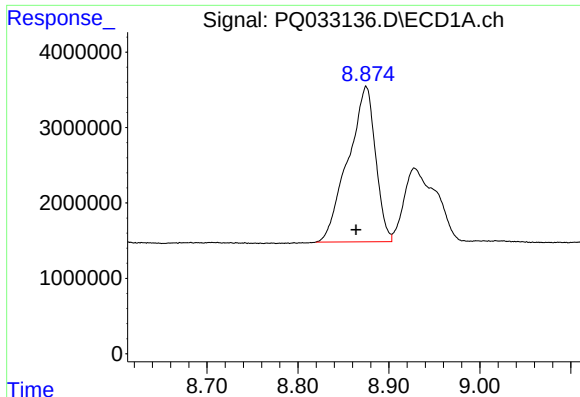
#40 AR-1262-5

R.T.: 9.630 min
Delta R.T.: -0.011 min
Response: 16699669
Conc: 190.87 ng/ml



#40 AR-1262-5

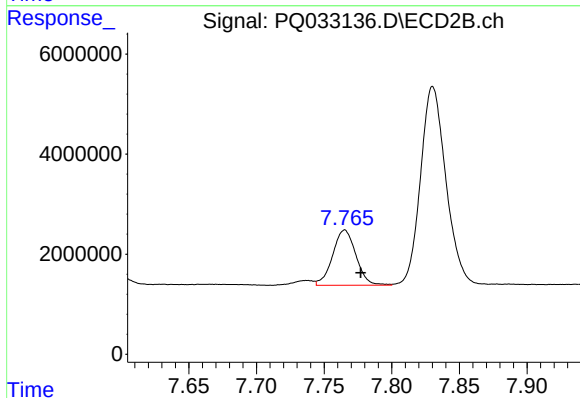
R.T.: 8.335 min
Delta R.T.: -0.014 min
Response: 13934471
Conc: 172.68 ng/ml



#41 AR-1268-1

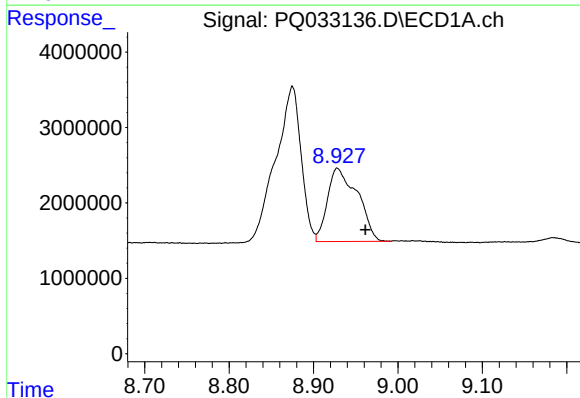
R.T.: 8.875 min
Delta R.T.: 0.011 min
Response: 43121226
Conc: 117.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



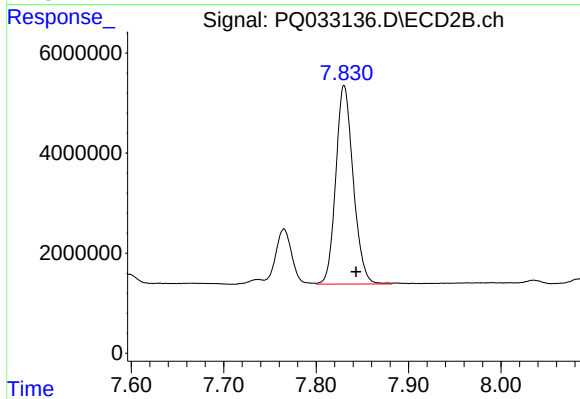
#41 AR-1268-1

R.T.: 7.765 min
Delta R.T.: -0.012 min
Response: 13276126
Conc: 38.83 ng/ml



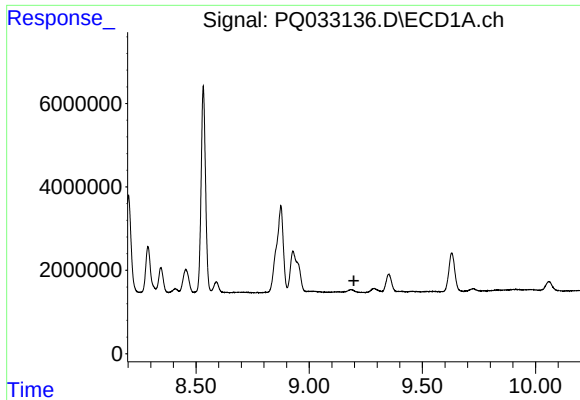
#42 AR-1268-2

R.T.: 8.928 min
Delta R.T.: -0.034 min
Response: 24003356
Conc: 72.02 ng/ml



#42 AR-1268-2

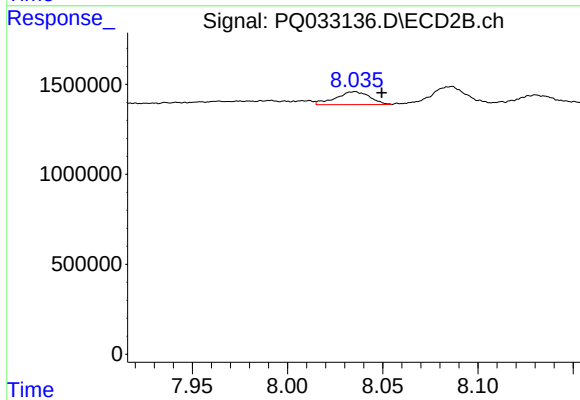
R.T.: 7.830 min
Delta R.T.: -0.013 min
Response: 52059500
Conc: 168.47 ng/ml



#43 AR-1268-3

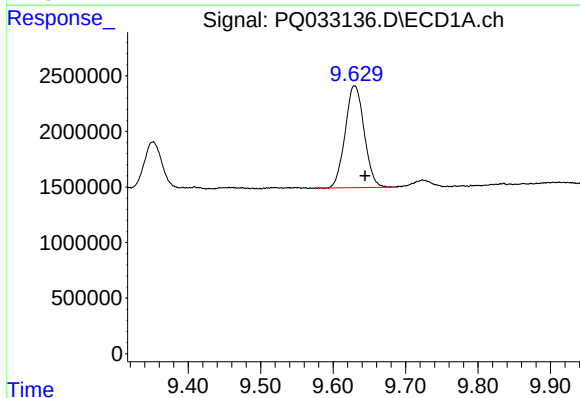
R.T.: 0.000 min
Exp R.T.: 9.197 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



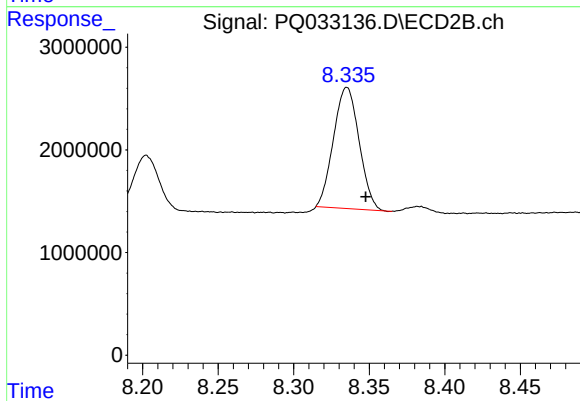
#43 AR-1268-3

R.T.: 8.035 min
Delta R.T.: -0.014 min
Response: 891117
Conc: 3.48 ng/ml



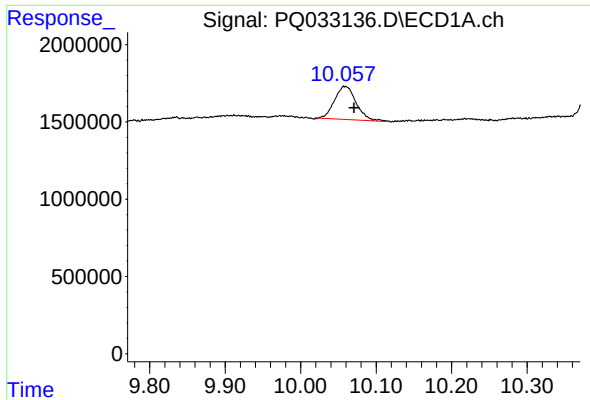
#44 AR-1268-4

R.T.: 9.630 min
Delta R.T.: -0.014 min
Response: 16699669
Conc: 138.22 ng/ml



#44 AR-1268-4

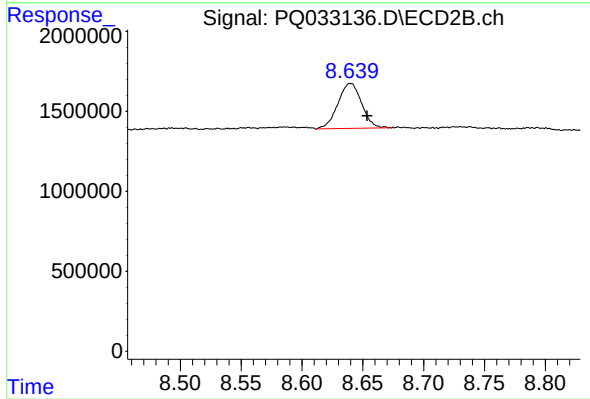
R.T.: 8.335 min
Delta R.T.: -0.013 min
Response: 13934471
Conc: 126.32 ng/ml



#45 AR-1268-5

R.T.: 10.058 min
Delta R.T.: -0.013 min
Response: 4290873
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.640 min
Delta R.T.: -0.013 min
Response: 3807598
Conc: 4.55 ng/ml