

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101518\
 Data File : PQ033187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2018 03:54
 Operator : SM\SJ
 Sample : AR1262CCC400
 Misc :
 ALS Vial : 129 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 05:39:36 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...	4.572	3.851	40214326	29668290	19.603	19.075
2)	SA Decachlor...	10.405	8.903	67501180	57929575	35.709	36.036
Target Compounds							
3)	L1 AR-1016-1	0.000	4.964	0	921571	N.D.	16.098 #
4)	L1 AR-1016-2	0.000	4.964	0	921571	N.D.	11.565 #
5)	L1 AR-1016-3	0.000	5.142	0	508676	N.D.	12.263 #
6)	L1 AR-1016-4	0.000	5.177	0	608182	N.D.	17.750 #
7)	L1 AR-1016-5	0.000	5.397	0	582290	N.D.	12.744 #
9)	L2 AR-1221-2	0.000	4.157	0	214370	N.D.	16.207 #
10)	L2 AR-1221-3	0.000	4.232	0	76199	N.D.	1.666 #
11)	L3 AR-1232-1	0.000	4.232	0	76199	N.D.	2.202 #
12)	L3 AR-1232-2	0.000	4.964	0	921571	N.D.	24.508 #
13)	L3 AR-1232-3	0.000	5.142	0	508676	N.D.	25.972 #
14)	L3 AR-1232-4	0.000	5.249	0	157361	N.D.	9.169 #
15)	L3 AR-1232-5	0.000	5.397	0	582290	N.D.	29.861 #
16)	L4 AR-1242-1	0.000	4.964	0	921571	N.D.	18.940 #
17)	L4 AR-1242-2	0.000	4.964	0	921571	N.D.	13.653 #
18)	L4 AR-1242-3	0.000	5.142	0	508676	N.D.	13.887 #
19)	L4 AR-1242-4	0.000	5.249	0	157361	N.D.	4.272 #
20)	L4 AR-1242-5	0.000	5.748	0	4671292	N.D.	97.238 #
21)	L5 AR-1248-1	0.000	4.964	0	921571	N.D.	22.488 #
22)	L5 AR-1248-2	0.000	5.177	0	608182	N.D.	11.070 #
23)	L5 AR-1248-3	0.000	5.221	0	561997	N.D.	10.035 #
24)	L5 AR-1248-4	6.604	5.397	5481711	582290	58.521	8.443 #
25)	L5 AR-1248-5	0.000	5.789	0	568417	N.D.	8.223 #
26)	L6 AR-1254-1	6.604	5.748	5481711	4671292	55.314	41.463 #
27)	L6 AR-1254-2	6.821	5.893	6473788	4910527	41.425	49.729
28)	L6 AR-1254-3	7.192	6.313	2621592	19195807	15.450	115.505 #
29)	L6 AR-1254-4	7.476	6.553	2434813	3939501	19.719	37.027 #
30)	L6 AR-1254-5	7.893	6.943	33343232	25432565	251.878	173.146 #
31)	L7 AR-1260-1	7.353	6.428	30999495	27971808	289.832	297.813
32)	L7 AR-1260-2	7.609	6.614	35395006	33087518	280.300	283.987
33)	L7 AR-1260-3	7.969	6.771	49029107	32522696	629.453	301.575 #
34)	L7 AR-1260-4	8.201	7.241	46410576	43750961	458.479	569.160
35)	L7 AR-1260-5	8.530	7.481	88271374	88805942	467.471	462.247
36)	L8 AR-1262-1	7.969	6.980	49029107	48757581	363.749	379.396
37)	L8 AR-1262-2	8.530	7.481	88271374	88805942	356.972	370.742
38)	L8 AR-1262-3	8.853	7.763	57282923	34251375	346.312	367.707
39)	L8 AR-1262-4	8.945	7.829	42975397	65214055	630.587	374.592 #
40)	L8 AR-1262-5	9.627	8.333	32211441	24727318	368.171	306.429
41)	L9 AR-1268-1	8.853	7.763	57282923	34251375	156.204	100.182 #
42)	L9 AR-1268-2	8.945	7.829	42975397	65214055	128.946	211.035 #

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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
43) L9	AR-1268-3	9.183	8.034	2340468	3190447	8.305	12.471 #
44) L9	AR-1268-4	9.627	8.333	32211441	24727318	266.609	224.166
45) L9	AR-1268-5	10.055	8.637	11147746	10786716	12.056	12.896

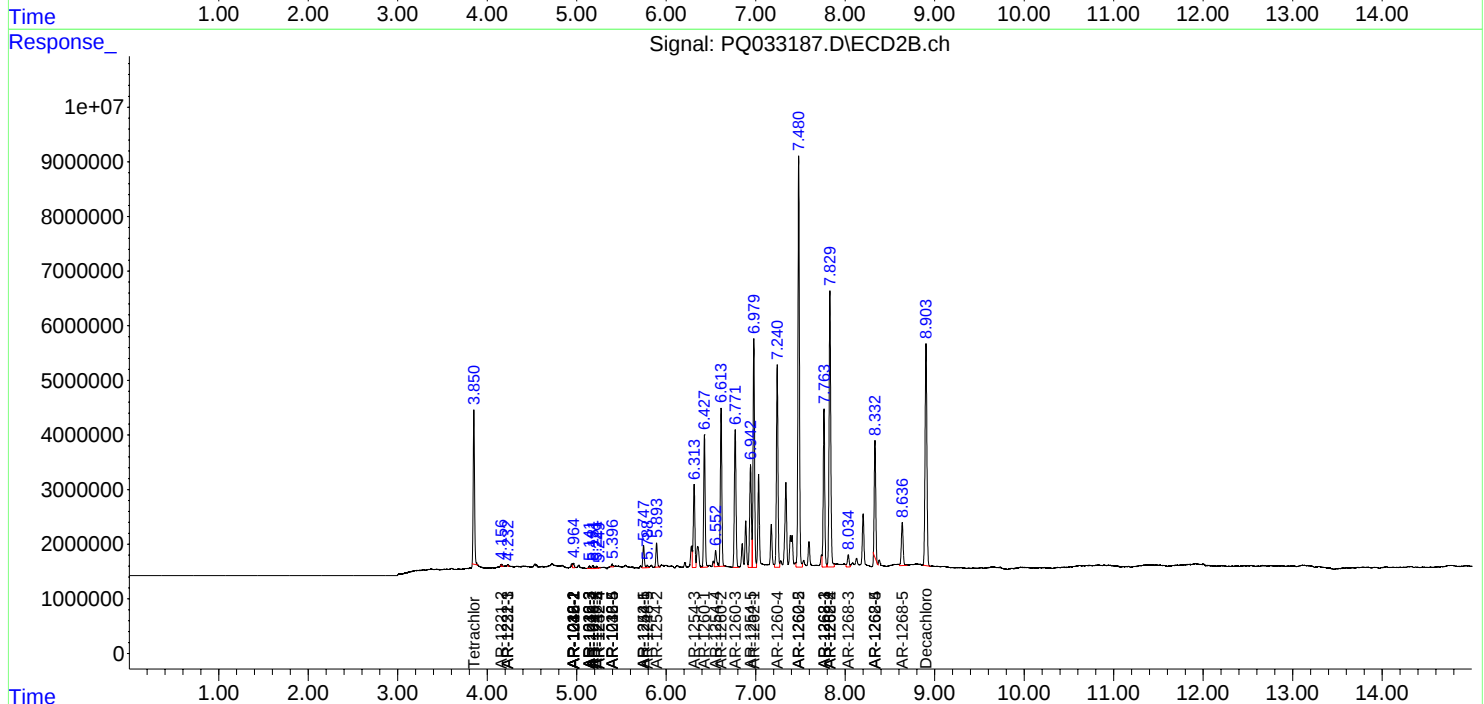
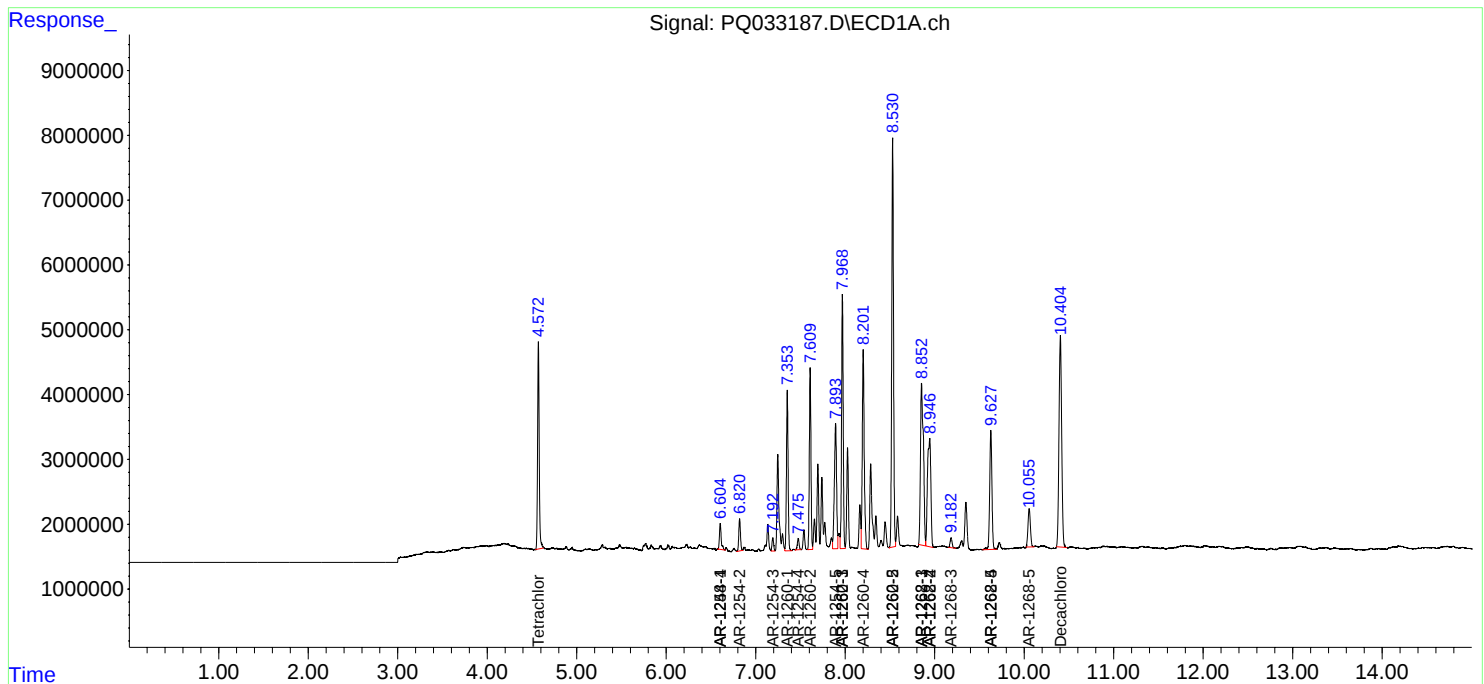
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

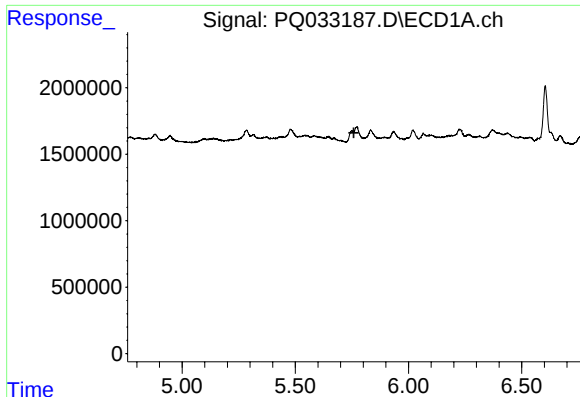
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

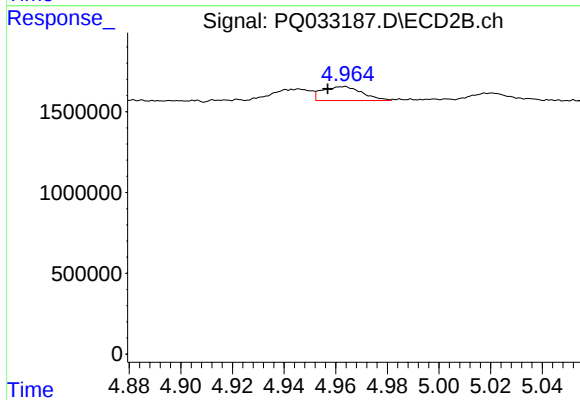




#3 AR-1016-1

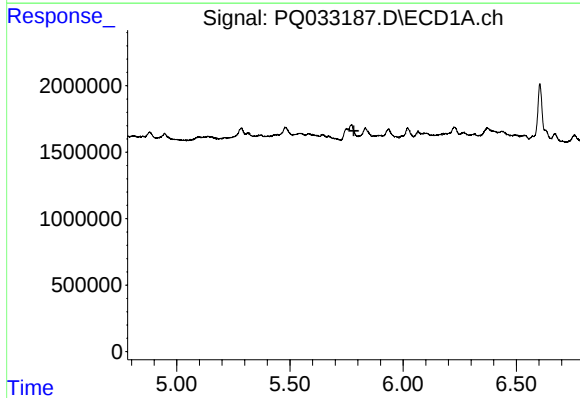
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



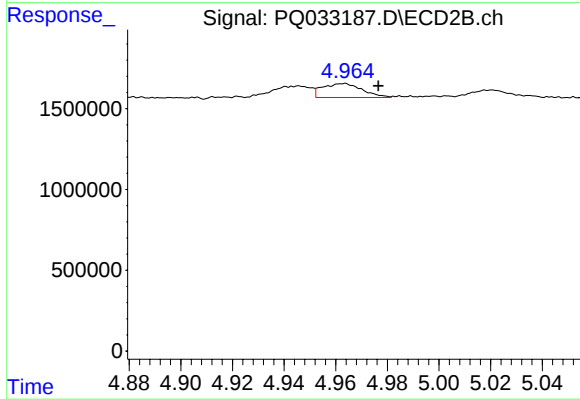
#3 AR-1016-1

R.T.: 4.964 min
Delta R.T.: 0.007 min
Response: 921571
Conc: 16.10 ng/ml



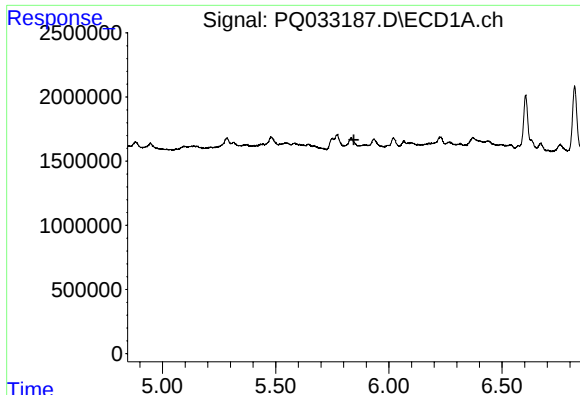
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.782 min
Response: 0
Conc: N.D.



#4 AR-1016-2

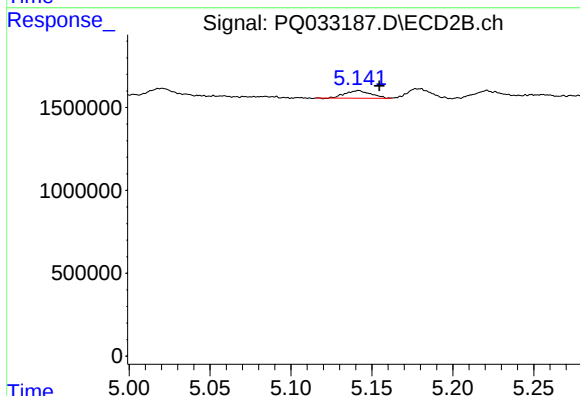
R.T.: 4.964 min
Delta R.T.: -0.013 min
Response: 921571
Conc: 11.57 ng/ml



#5 AR-1016-3

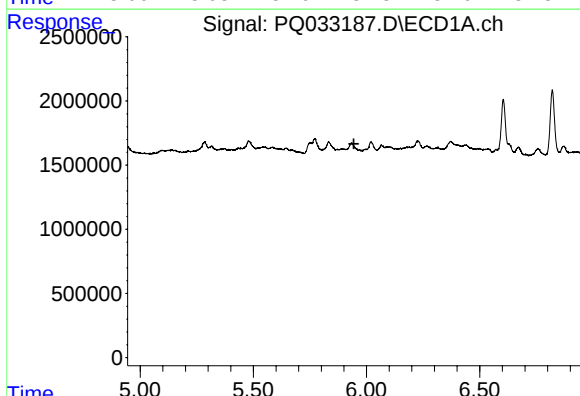
R.T.: 0.000 min
Exp R.T.: 5.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



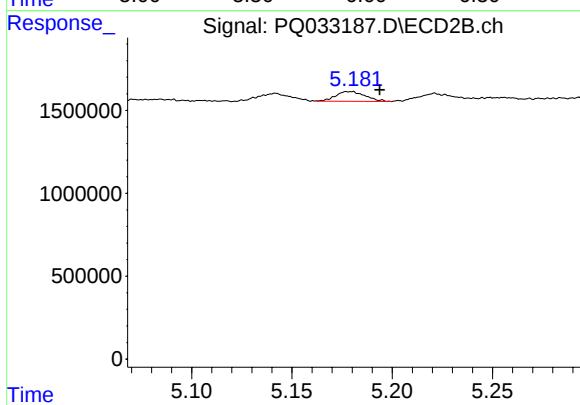
#5 AR-1016-3

R.T.: 5.142 min
Delta R.T.: -0.013 min
Response: 508676
Conc: 12.26 ng/ml



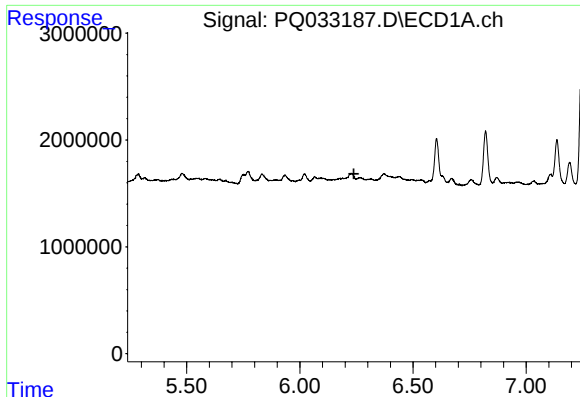
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.



#6 AR-1016-4

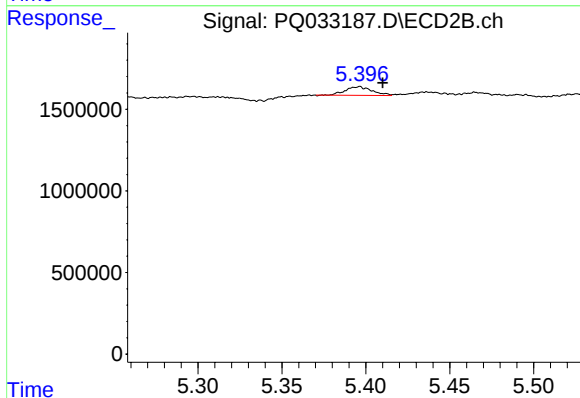
R.T.: 5.177 min
Delta R.T.: -0.016 min
Response: 608182
Conc: 17.75 ng/ml



#7 AR-1016-5

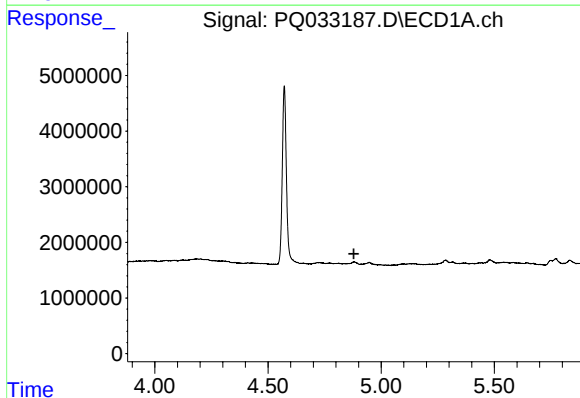
R.T.: 0.000 min
Exp R.T.: 6.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



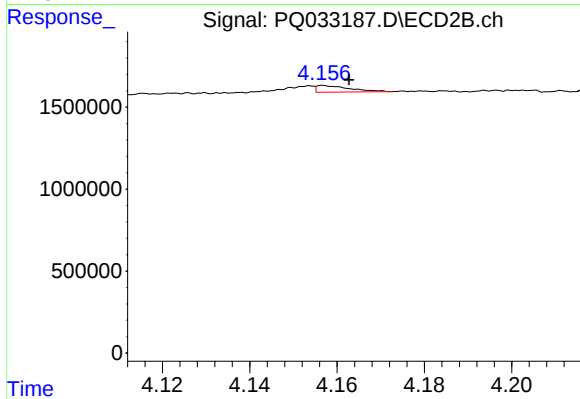
#7 AR-1016-5

R.T.: 5.397 min
Delta R.T.: -0.014 min
Response: 582290
Conc: 12.74 ng/ml



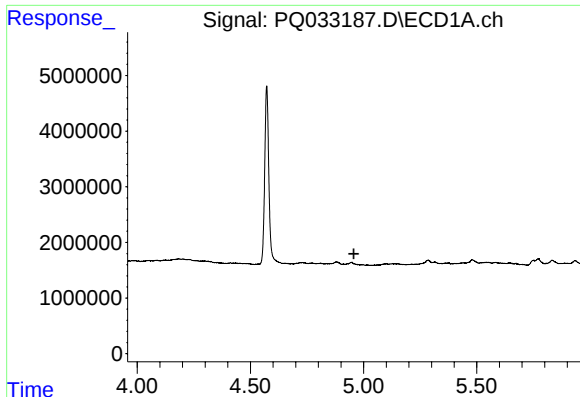
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.879 min
Response: 0
Conc: N.D.



#9 AR-1221-2

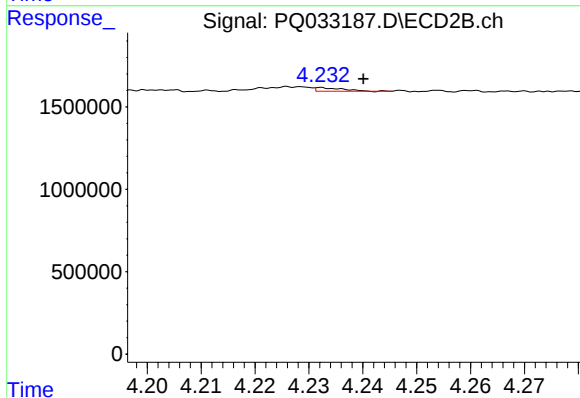
R.T.: 4.157 min
Delta R.T.: -0.006 min
Response: 214370
Conc: 16.21 ng/ml



#10 AR-1221-3

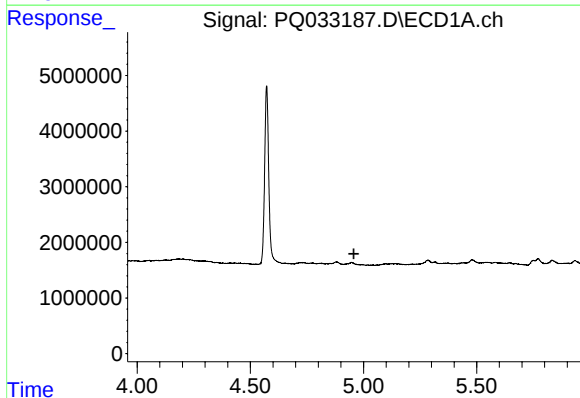
R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



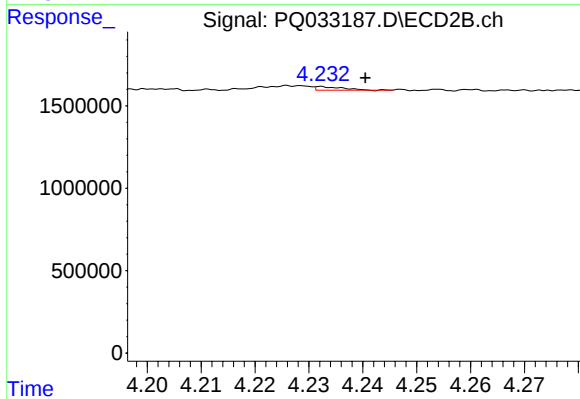
#10 AR-1221-3

R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 76199
Conc: 1.67 ng/ml



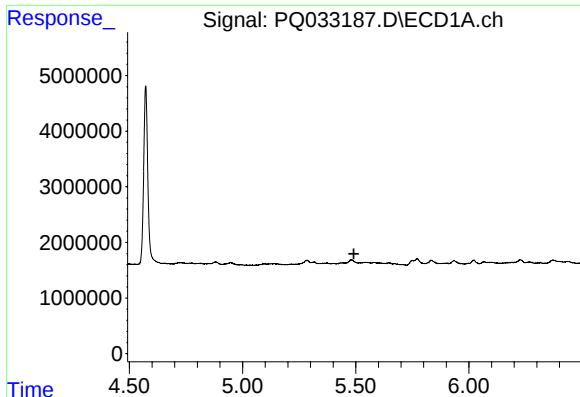
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.957 min
Response: 0
Conc: N.D.



#11 AR-1232-1

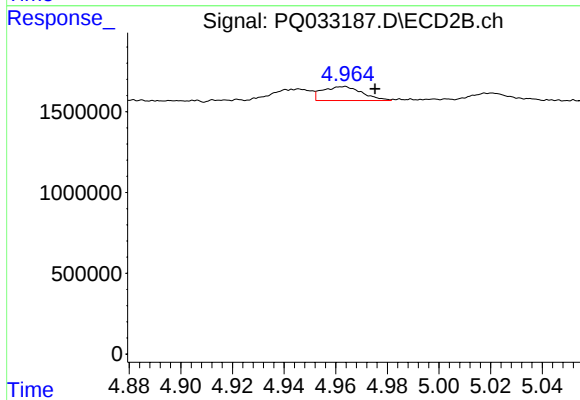
R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 76199
Conc: 2.20 ng/ml



#12 AR-1232-2

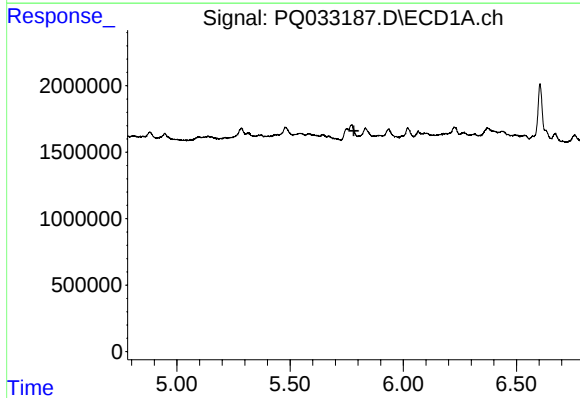
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



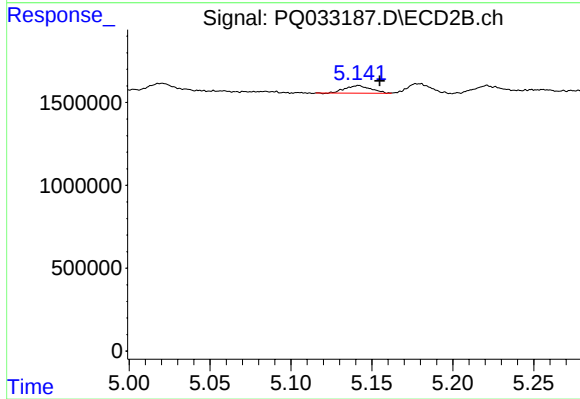
#12 AR-1232-2

R.T.: 4.964 min
Delta R.T.: -0.012 min
Response: 921571
Conc: 24.51 ng/ml



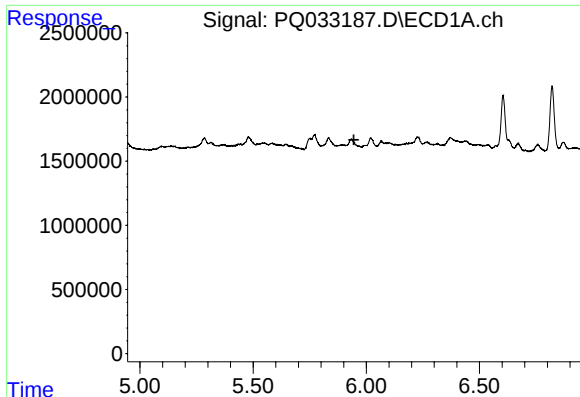
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.782 min
Response: 0
Conc: N.D.



#13 AR-1232-3

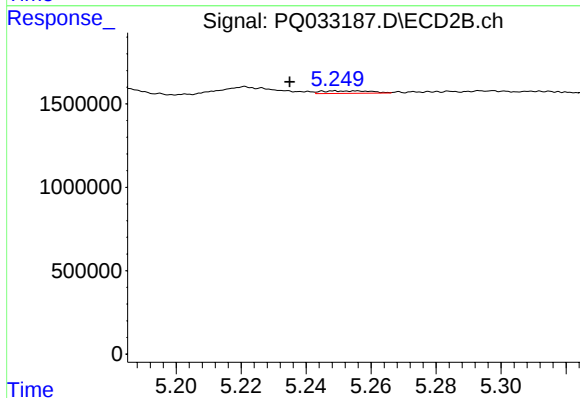
R.T.: 5.142 min
Delta R.T.: -0.013 min
Response: 508676
Conc: 25.97 ng/ml



#14 AR-1232-4

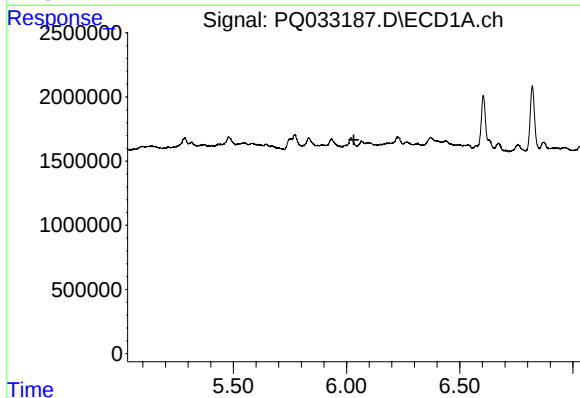
R.T.: 0.000 min
Exp R.T.: 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



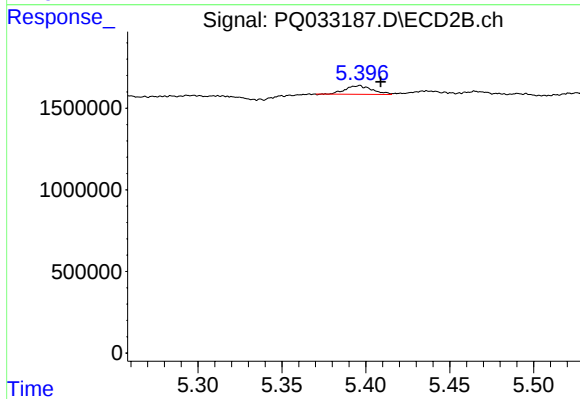
#14 AR-1232-4

R.T.: 5.249 min
Delta R.T.: 0.014 min
Response: 157361
Conc: 9.17 ng/ml



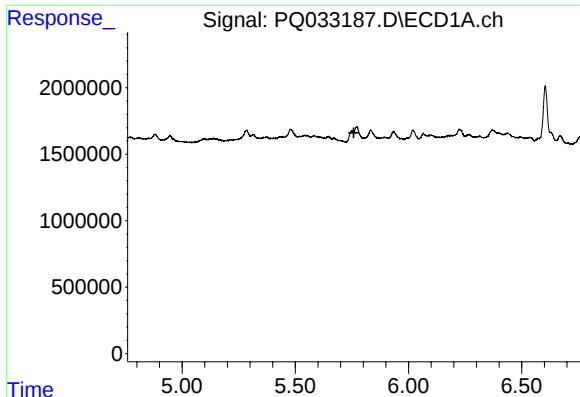
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.032 min
Response: 0
Conc: N.D.



#15 AR-1232-5

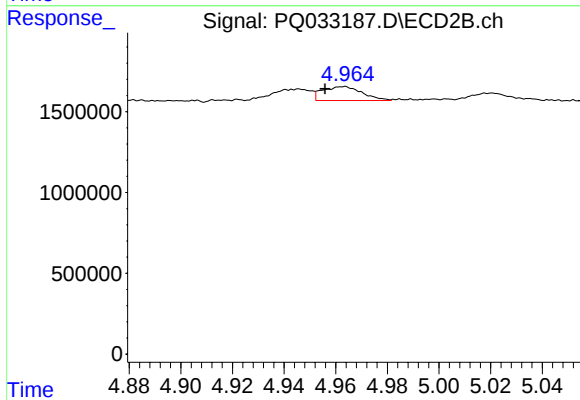
R.T.: 5.397 min
Delta R.T.: -0.012 min
Response: 582290
Conc: 29.86 ng/ml



#16 AR-1242-1

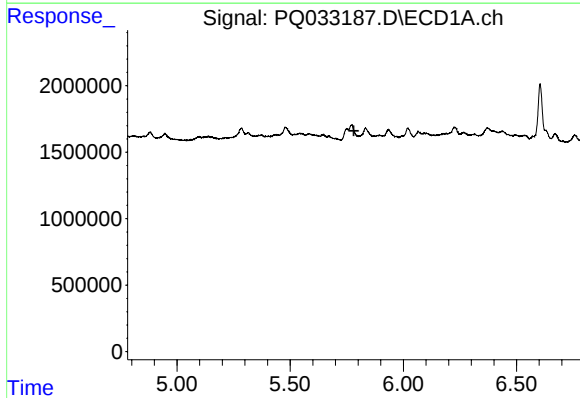
R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



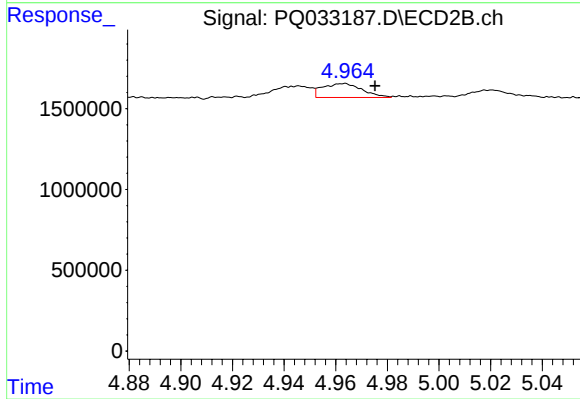
#16 AR-1242-1

R.T.: 4.964 min
Delta R.T.: 0.008 min
Response: 921571
Conc: 18.94 ng/ml



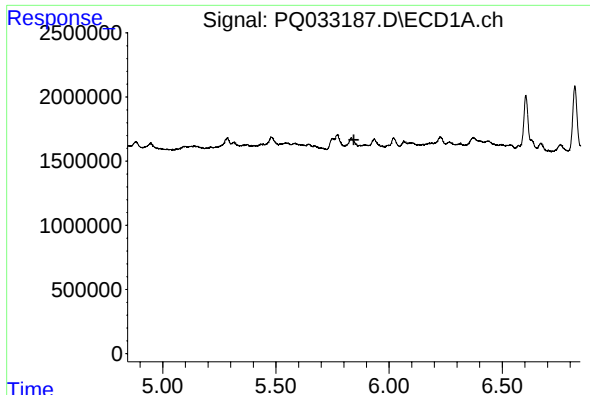
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.781 min
Response: 0
Conc: N.D.



#17 AR-1242-2

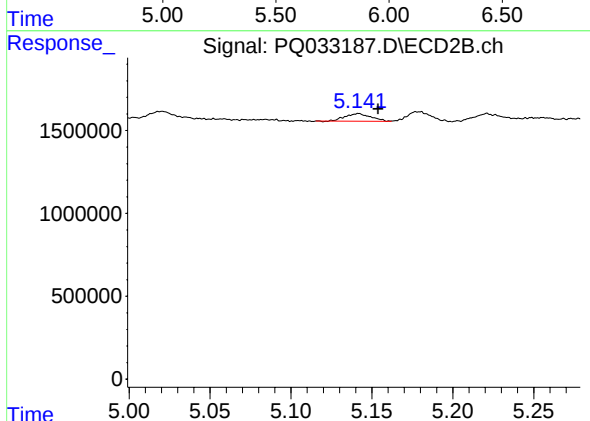
R.T.: 4.964 min
Delta R.T.: -0.012 min
Response: 921571
Conc: 13.65 ng/ml



#18 AR-1242-3

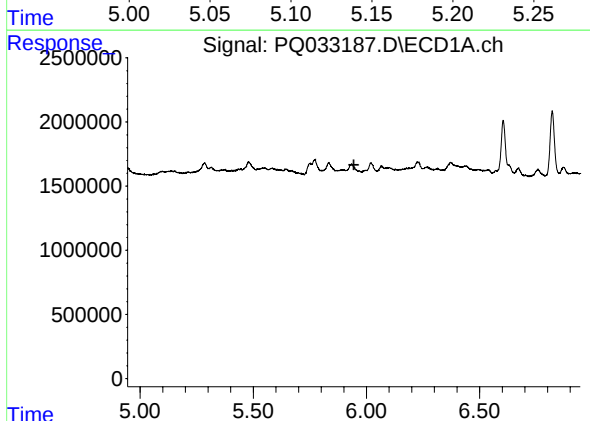
R.T.: 0.000 min
Exp R.T.: 5.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



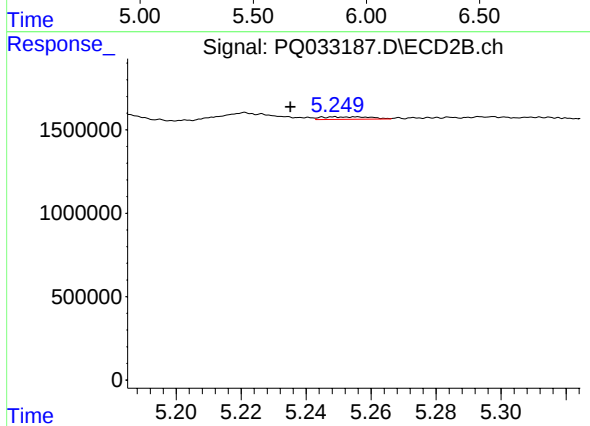
#18 AR-1242-3

R.T.: 5.142 min
Delta R.T.: -0.012 min
Response: 508676
Conc: 13.89 ng/ml



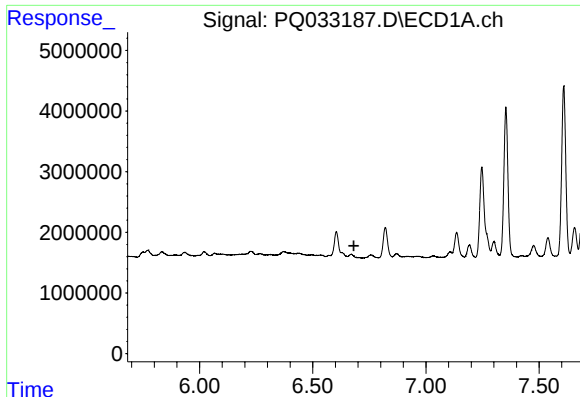
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.



#19 AR-1242-4

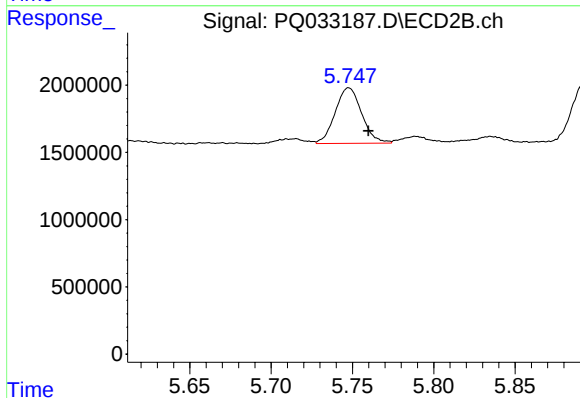
R.T.: 5.249 min
Delta R.T.: 0.014 min
Response: 157361
Conc: 4.27 ng/ml



#20 AR-1242-5

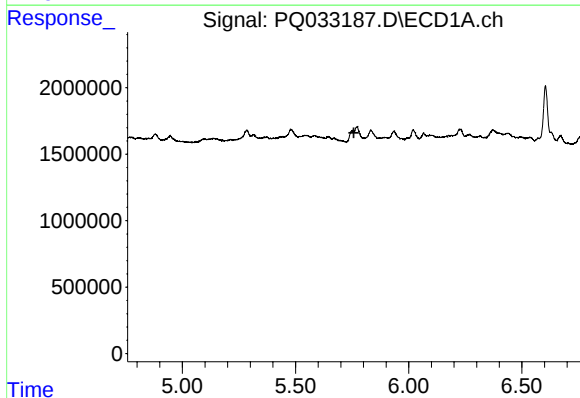
R.T.: 0.000 min
Exp R.T.: 6.682 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



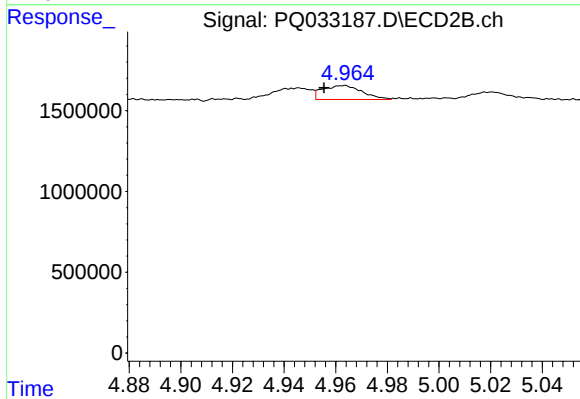
#20 AR-1242-5

R.T.: 5.748 min
Delta R.T.: -0.012 min
Response: 4671292
Conc: 97.24 ng/ml



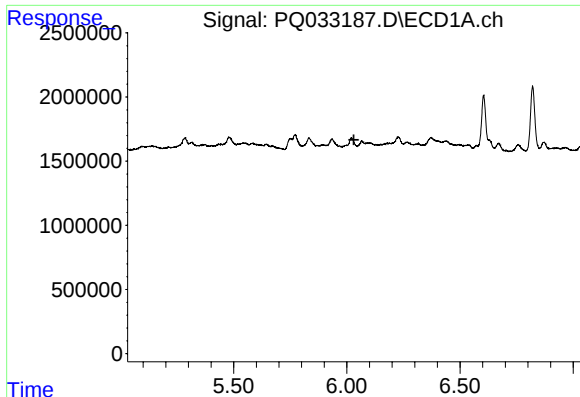
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.



#21 AR-1248-1

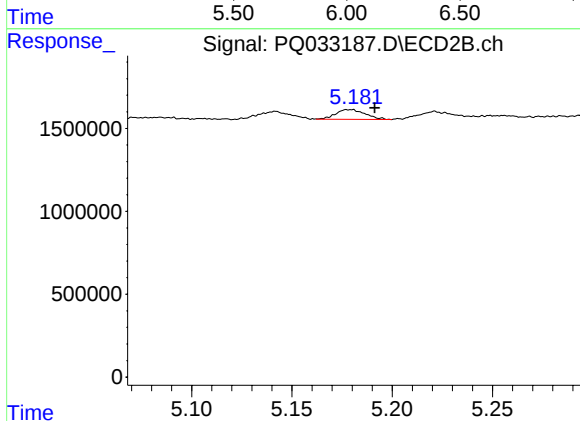
R.T.: 4.964 min
Delta R.T.: 0.008 min
Response: 921571
Conc: 22.49 ng/ml



#22 AR-1248-2

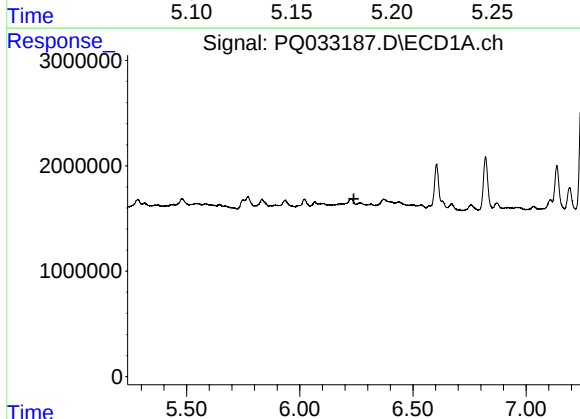
R.T.: 0.000 min
Exp R.T.: 6.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



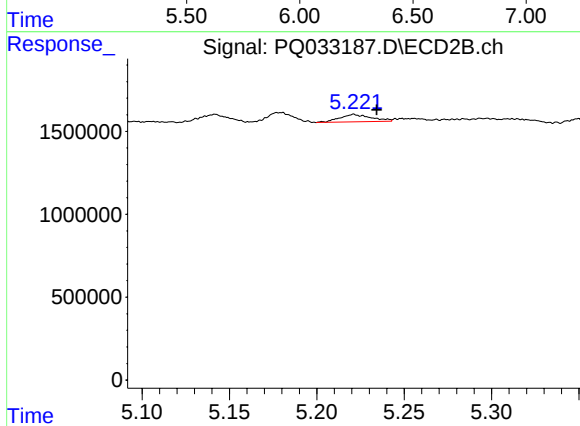
#22 AR-1248-2

R.T.: 5.177 min
Delta R.T.: -0.014 min
Response: 608182
Conc: 11.07 ng/ml



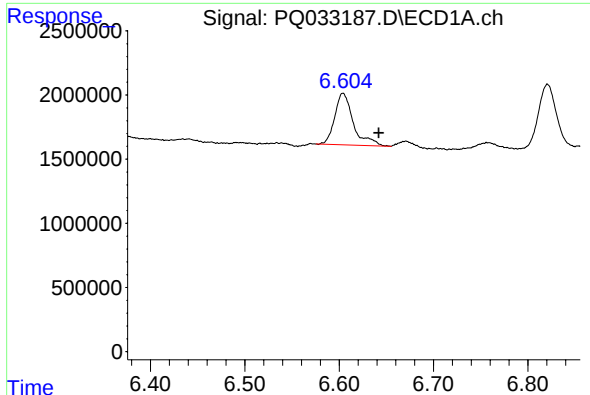
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.239 min
Response: 0
Conc: N.D.



#23 AR-1248-3

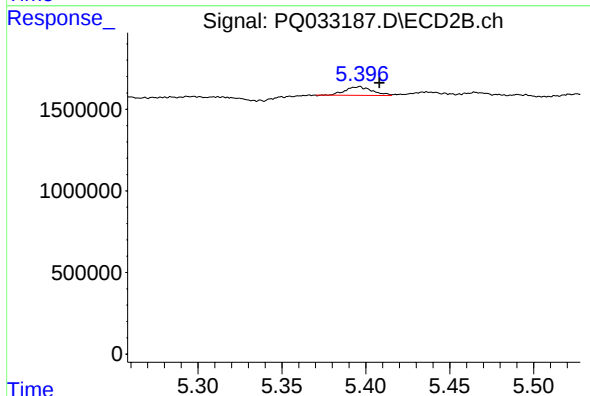
R.T.: 5.221 min
Delta R.T.: -0.013 min
Response: 561997
Conc: 10.04 ng/ml



#24 AR-1248-4

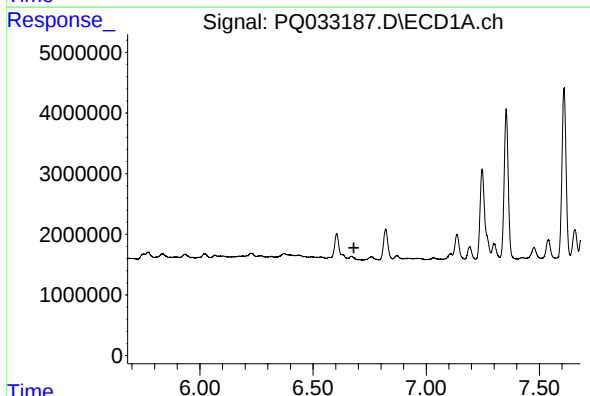
R.T.: 6.604 min
Delta R.T.: -0.037 min
Response: 5481711
Conc: 58.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



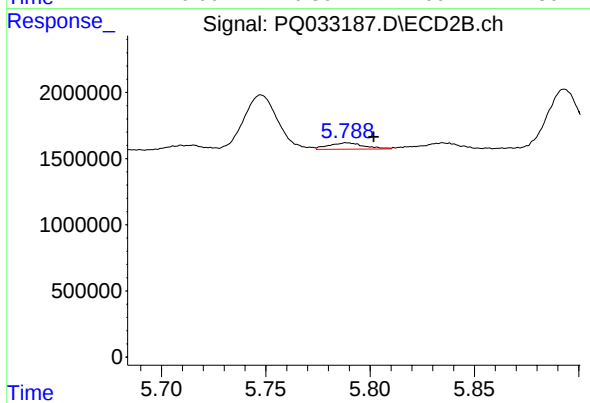
#24 AR-1248-4

R.T.: 5.397 min
Delta R.T.: -0.011 min
Response: 582290
Conc: 8.44 ng/ml



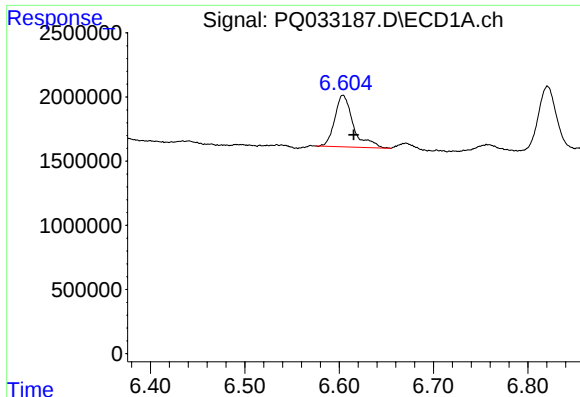
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.680 min
Response: 0
Conc: N.D.



#25 AR-1248-5

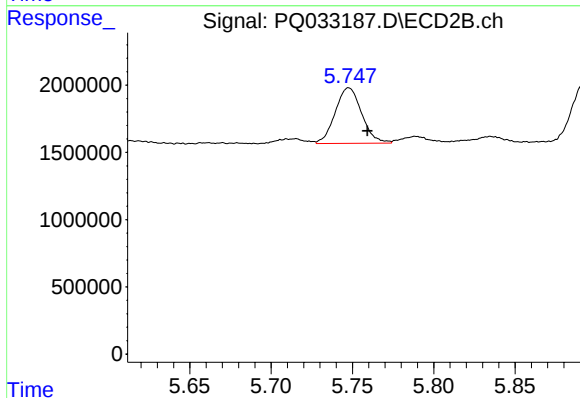
R.T.: 5.789 min
Delta R.T.: -0.013 min
Response: 568417
Conc: 8.22 ng/ml



#26 AR-1254-1

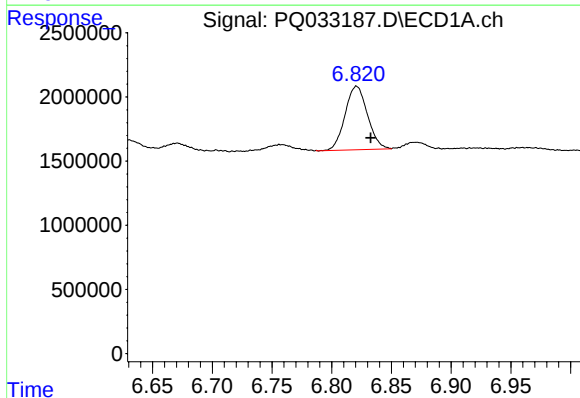
R.T.: 6.604 min
Delta R.T.: -0.011 min
Response: 5481711
Conc: 55.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



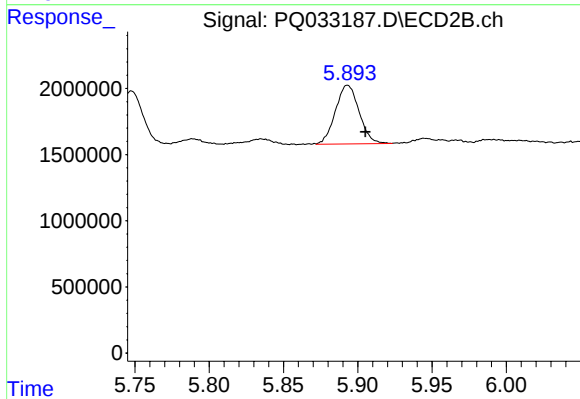
#26 AR-1254-1

R.T.: 5.748 min
Delta R.T.: -0.011 min
Response: 4671292
Conc: 41.46 ng/ml



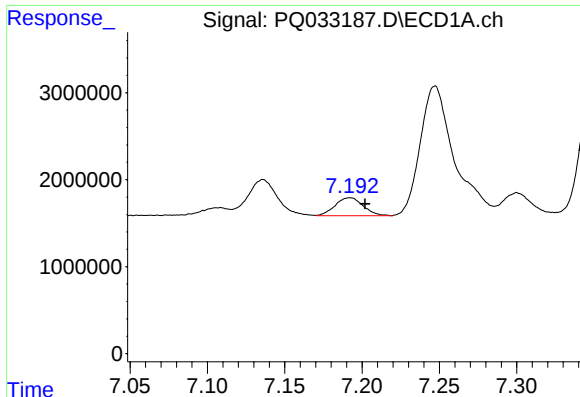
#27 AR-1254-2

R.T.: 6.821 min
Delta R.T.: -0.012 min
Response: 6473788
Conc: 41.42 ng/ml



#27 AR-1254-2

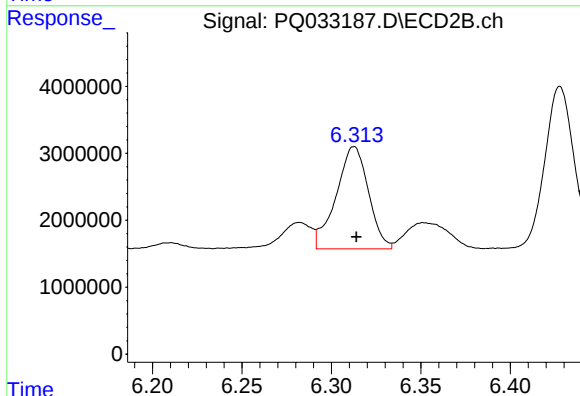
R.T.: 5.893 min
Delta R.T.: -0.012 min
Response: 4910527
Conc: 49.73 ng/ml



#28 AR-1254-3

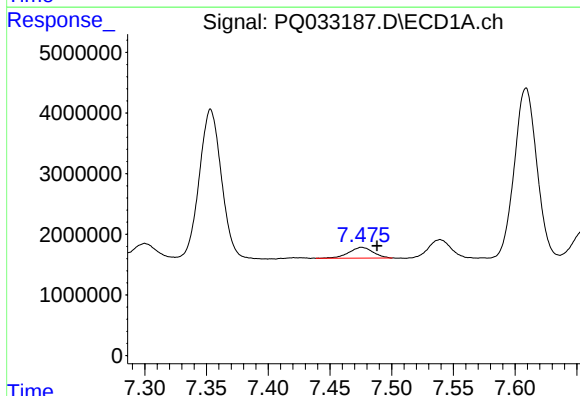
R.T.: 7.192 min
Delta R.T.: -0.010 min
Response: 2621592
Conc: 15.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



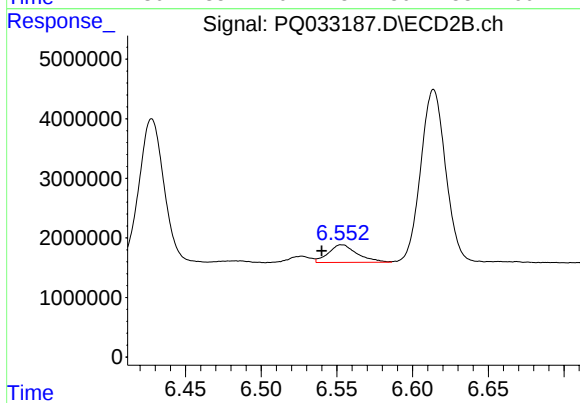
#28 AR-1254-3

R.T.: 6.313 min
Delta R.T.: -0.001 min
Response: 19195807
Conc: 115.50 ng/ml



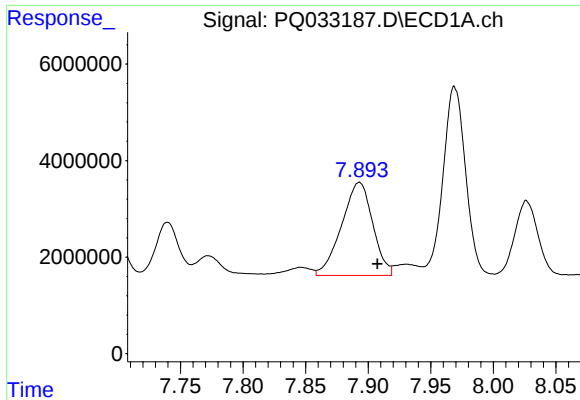
#29 AR-1254-4

R.T.: 7.476 min
Delta R.T.: -0.012 min
Response: 2434813
Conc: 19.72 ng/ml



#29 AR-1254-4

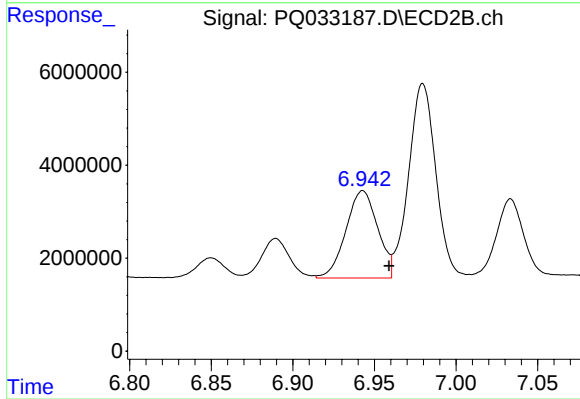
R.T.: 6.553 min
Delta R.T.: 0.013 min
Response: 3939501
Conc: 37.03 ng/ml



#30 AR-1254-5

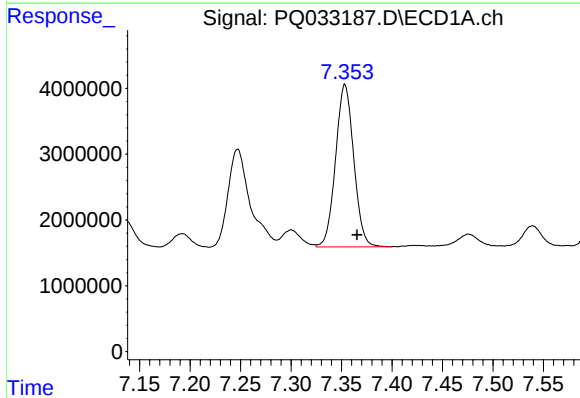
R.T.: 7.893 min
Delta R.T.: -0.014 min
Response: 33343232
Conc: 251.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



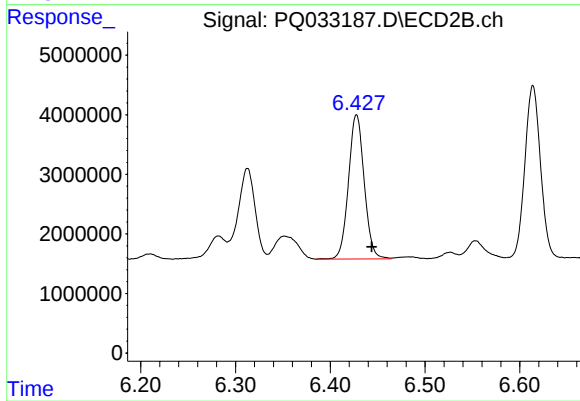
#30 AR-1254-5

R.T.: 6.943 min
Delta R.T.: -0.016 min
Response: 25432565
Conc: 173.15 ng/ml



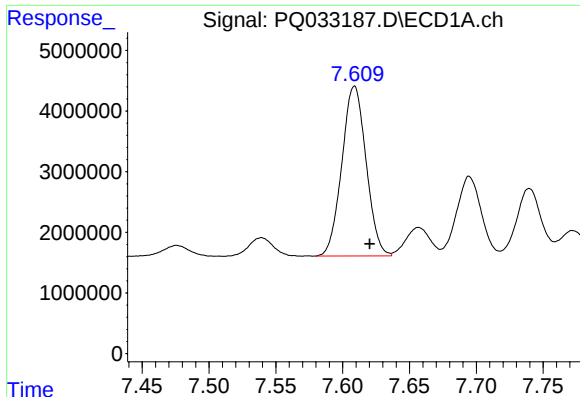
#31 AR-1260-1

R.T.: 7.353 min
Delta R.T.: -0.012 min
Response: 30999495
Conc: 289.83 ng/ml



#31 AR-1260-1

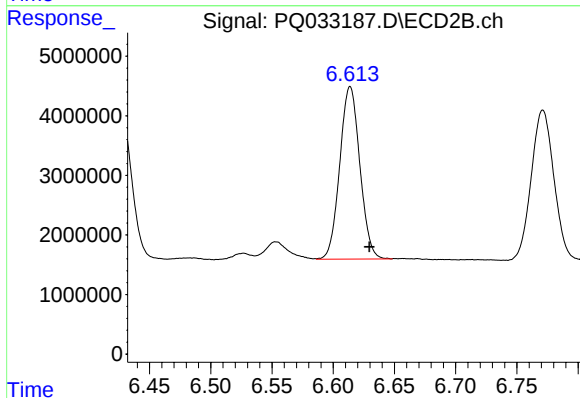
R.T.: 6.428 min
Delta R.T.: -0.016 min
Response: 27971808
Conc: 297.81 ng/ml



#32 AR-1260-2

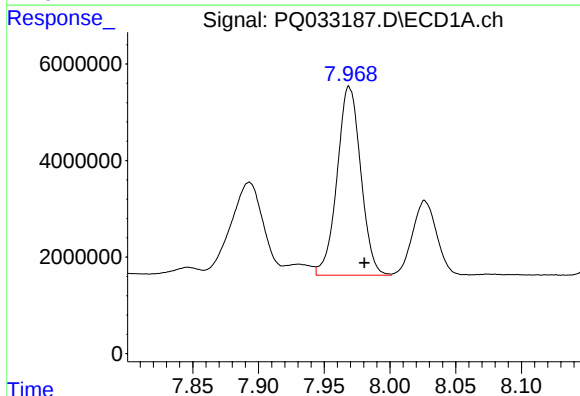
R.T.: 7.609 min
Delta R.T.: -0.011 min
Response: 35395006
Conc: 280.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



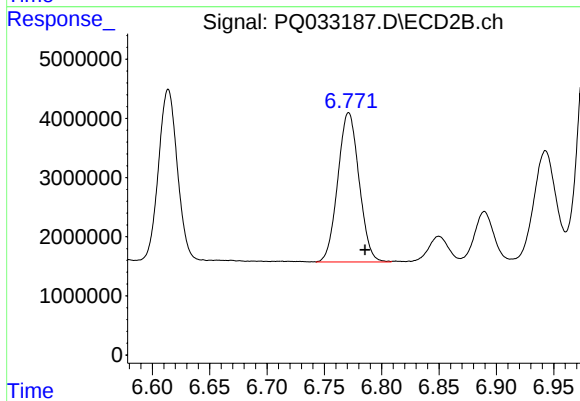
#32 AR-1260-2

R.T.: 6.614 min
Delta R.T.: -0.016 min
Response: 33087518
Conc: 283.99 ng/ml



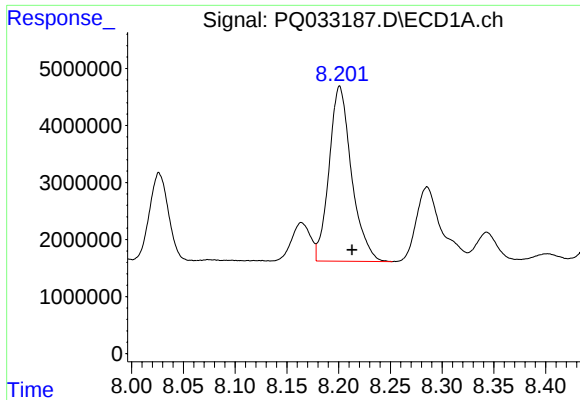
#33 AR-1260-3

R.T.: 7.969 min
Delta R.T.: -0.012 min
Response: 49029107
Conc: 629.45 ng/ml



#33 AR-1260-3

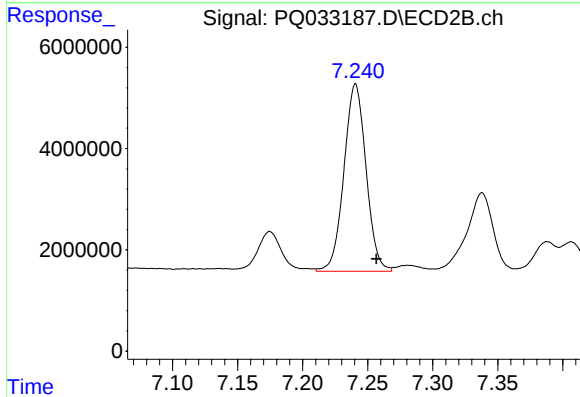
R.T.: 6.771 min
Delta R.T.: -0.014 min
Response: 32522696
Conc: 301.58 ng/ml



#34 AR-1260-4

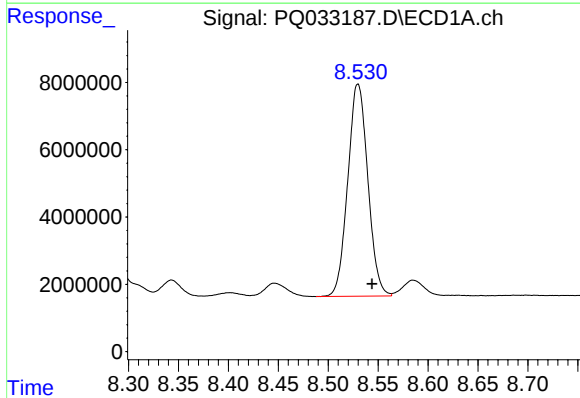
R.T.: 8.201 min
Delta R.T.: -0.012 min
Response: 46410576
Conc: 458.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



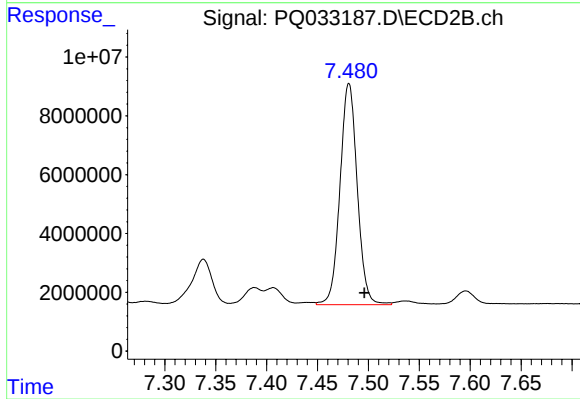
#34 AR-1260-4

R.T.: 7.241 min
Delta R.T.: -0.016 min
Response: 43750961
Conc: 569.16 ng/ml



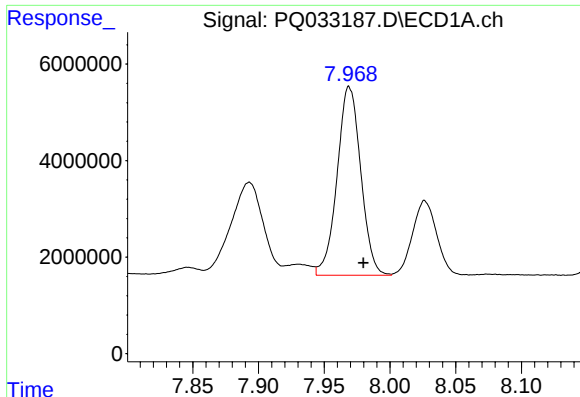
#35 AR-1260-5

R.T.: 8.530 min
Delta R.T.: -0.014 min
Response: 88271374
Conc: 467.47 ng/ml



#35 AR-1260-5

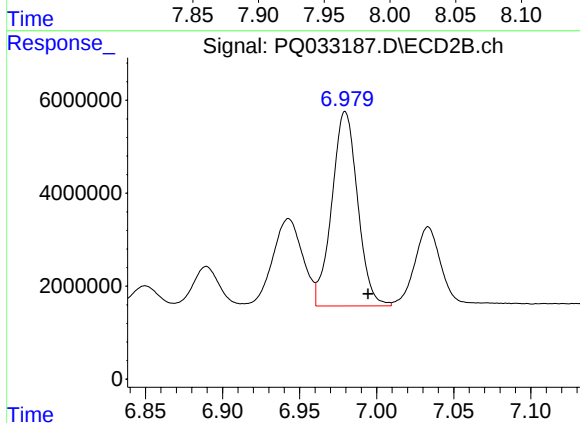
R.T.: 7.481 min
Delta R.T.: -0.015 min
Response: 88805942
Conc: 462.25 ng/ml



#36 AR-1262-1

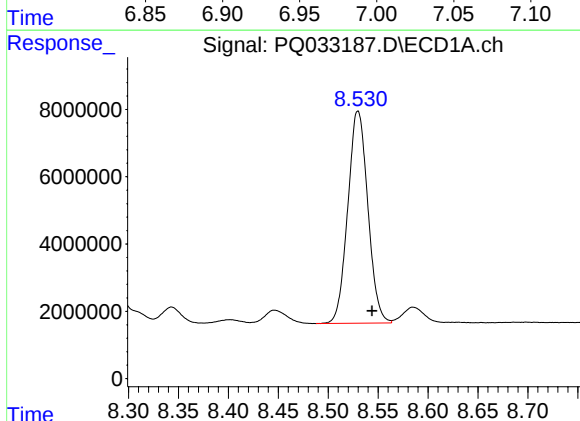
R.T.: 7.969 min
Delta R.T.: -0.011 min
Response: 49029107
Conc: 363.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



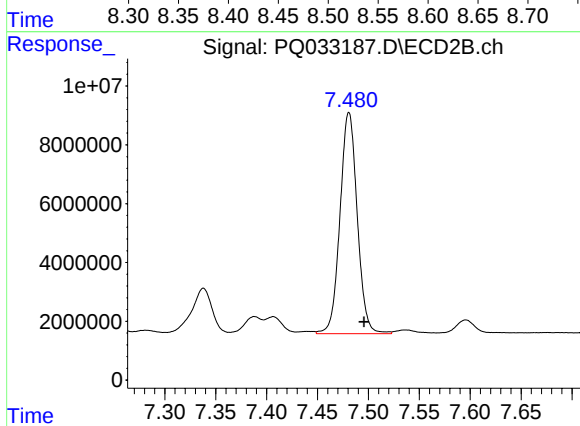
#36 AR-1262-1

R.T.: 6.980 min
Delta R.T.: -0.015 min
Response: 48757581
Conc: 379.40 ng/ml



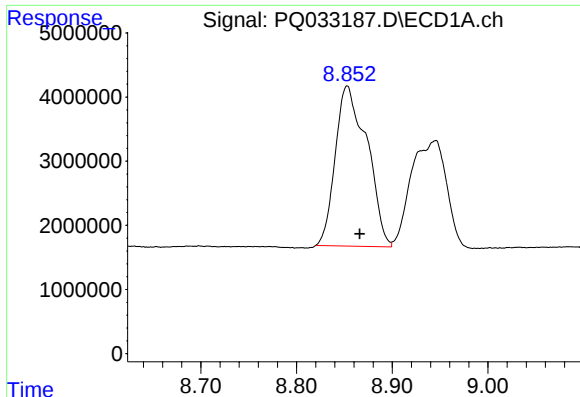
#37 AR-1262-2

R.T.: 8.530 min
Delta R.T.: -0.014 min
Response: 88271374
Conc: 356.97 ng/ml



#37 AR-1262-2

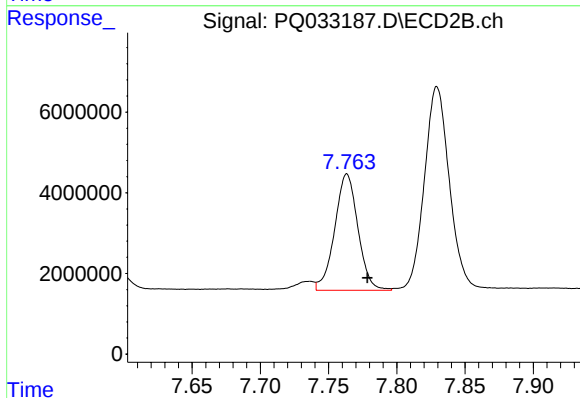
R.T.: 7.481 min
Delta R.T.: -0.015 min
Response: 88805942
Conc: 370.74 ng/ml



#38 AR-1262-3

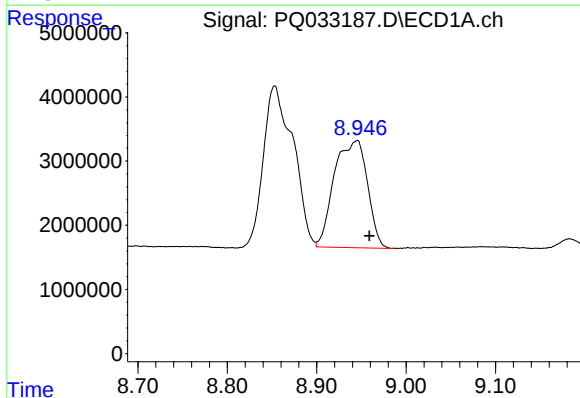
R.T.: 8.853 min
Delta R.T.: -0.013 min
Response: 57282923
Conc: 346.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



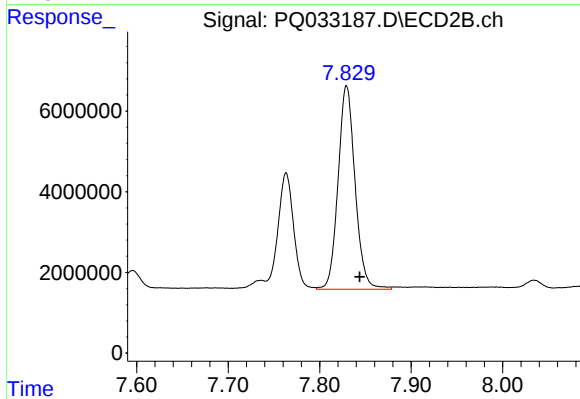
#38 AR-1262-3

R.T.: 7.763 min
Delta R.T.: -0.015 min
Response: 34251375
Conc: 367.71 ng/ml



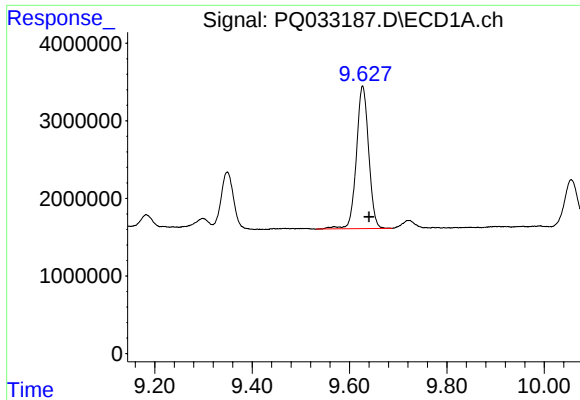
#39 AR-1262-4

R.T.: 8.945 min
Delta R.T.: -0.013 min
Response: 42975397
Conc: 630.59 ng/ml



#39 AR-1262-4

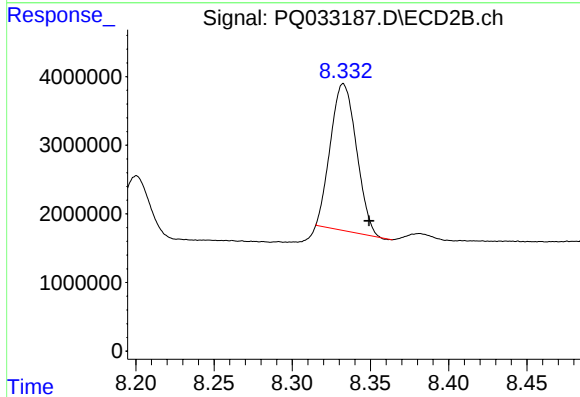
R.T.: 7.829 min
Delta R.T.: -0.014 min
Response: 65214055
Conc: 374.59 ng/ml



#40 AR-1262-5

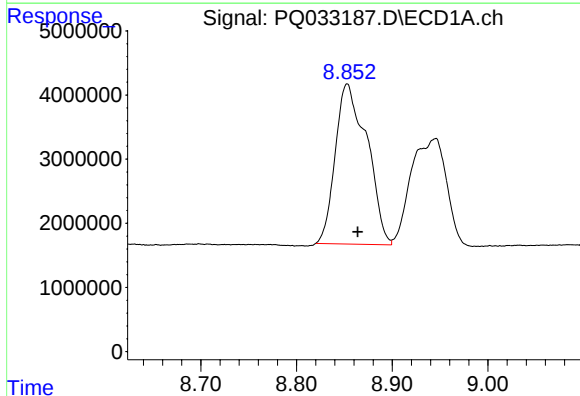
R.T.: 9.627 min
Delta R.T.: -0.013 min
Response: 32211441
Conc: 368.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



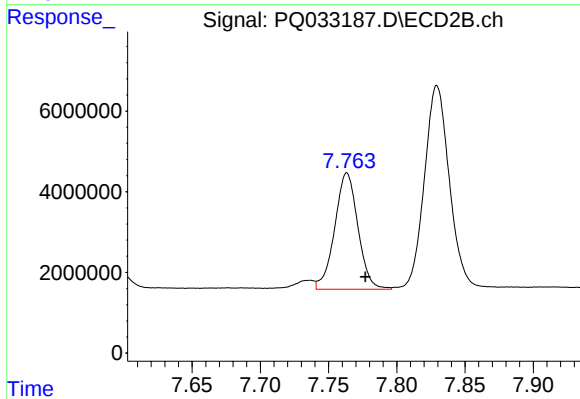
#40 AR-1262-5

R.T.: 8.333 min
Delta R.T.: -0.016 min
Response: 24727318
Conc: 306.43 ng/ml



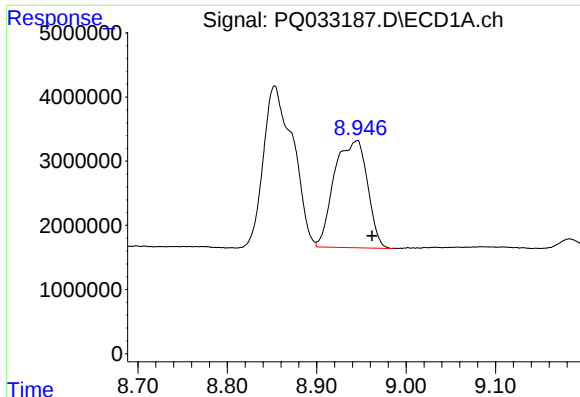
#41 AR-1268-1

R.T.: 8.853 min
Delta R.T.: -0.011 min
Response: 57282923
Conc: 156.20 ng/ml



#41 AR-1268-1

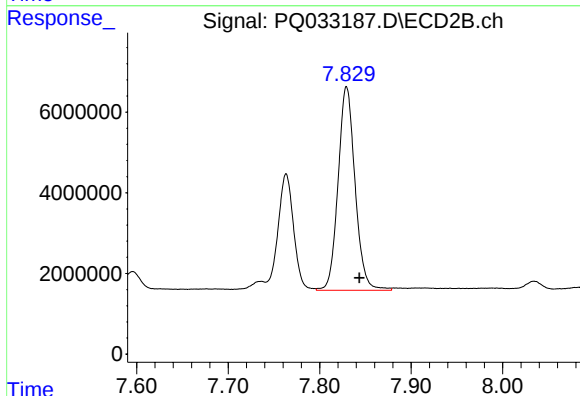
R.T.: 7.763 min
Delta R.T.: -0.014 min
Response: 34251375
Conc: 100.18 ng/ml



#42 AR-1268-2

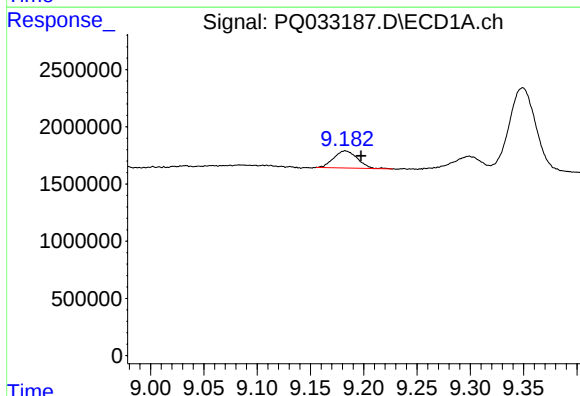
R.T.: 8.945 min
Delta R.T.: -0.016 min
Response: 42975397
Conc: 128.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



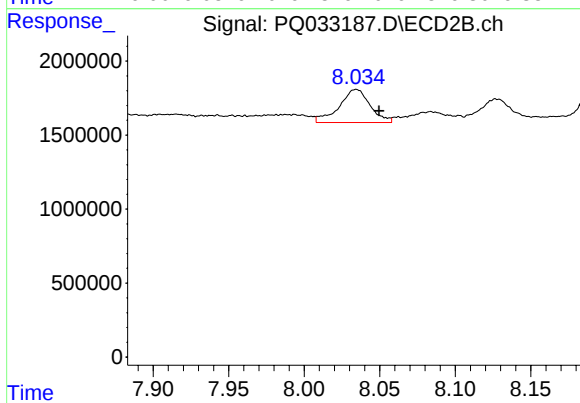
#42 AR-1268-2

R.T.: 7.829 min
Delta R.T.: -0.014 min
Response: 65214055
Conc: 211.03 ng/ml



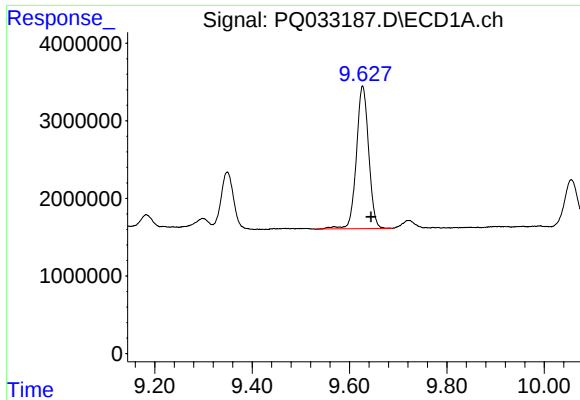
#43 AR-1268-3

R.T.: 9.183 min
Delta R.T.: -0.015 min
Response: 2340468
Conc: 8.30 ng/ml



#43 AR-1268-3

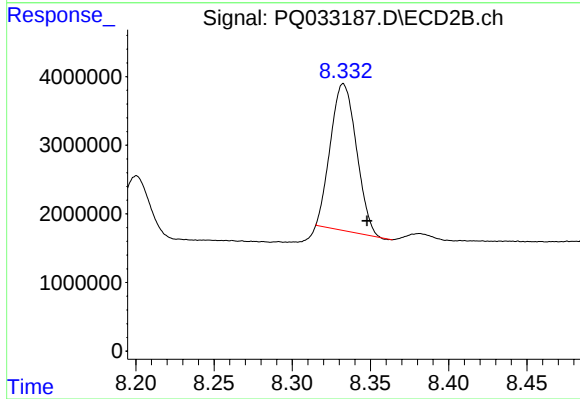
R.T.: 8.034 min
Delta R.T.: -0.015 min
Response: 3190447
Conc: 12.47 ng/ml



#44 AR-1268-4

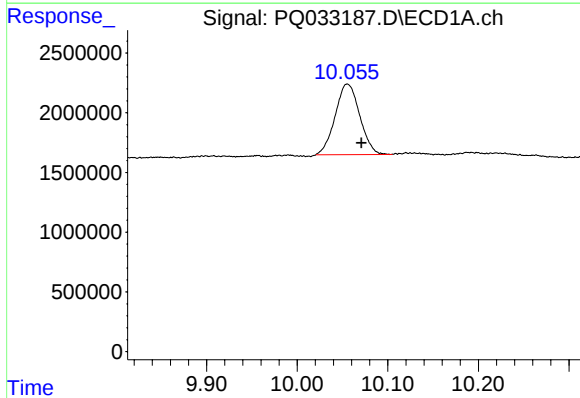
R.T.: 9.627 min
Delta R.T.: -0.017 min
Response: 32211441
Conc: 266.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



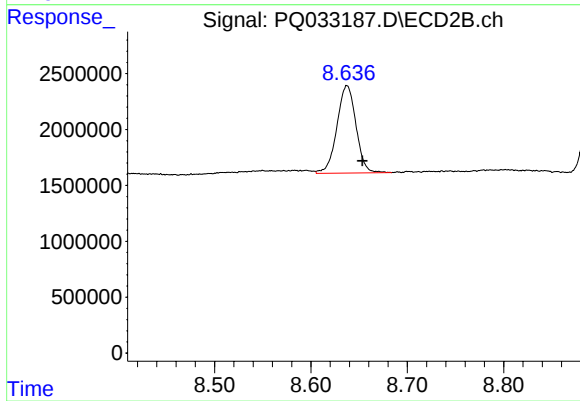
#44 AR-1268-4

R.T.: 8.333 min
Delta R.T.: -0.015 min
Response: 24727318
Conc: 224.17 ng/ml



#45 AR-1268-5

R.T.: 10.055 min
Delta R.T.: -0.016 min
Response: 11147746
Conc: 12.06 ng/ml



#45 AR-1268-5

R.T.: 8.637 min
Delta R.T.: -0.016 min
Response: 10786716
Conc: 12.90 ng/ml