

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080619\
 Data File : PQ042013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 11:57
 Operator : SM\AJ
 Sample : K3981-10DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 13:33:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.688	4.741	3324118	3193294	1.449	1.657
2)	SA Decachlor...	12.081	10.497	22535388	16972256	2.673	3.509 #
Target Compounds							
3)	L1 AR-1016-1	7.159	6.217	53346229	41621731	493.562	401.099
4)	L1 AR-1016-2	7.159	6.217	53346229	41621731	340.810	290.514
5)	L1 AR-1016-3	7.238	6.434	4793933	16327777	49.561	218.953 #
6)	L1 AR-1016-4	7.339	6.486	14926567	60941794	191.331	982.769 #
7)	L1 AR-1016-5	7.676	6.738	79691998	70521665	1013.762	866.323
12)	L3 AR-1232-2	6.817	6.217	10989762	41621731	334.475	729.850 #
13)	L3 AR-1232-3	7.159	6.434	53346229	16327777	799.034	547.553 #
14)	L3 AR-1232-4	7.339	6.534	14926567	63857174	465.341	2391.951 #
15)	L3 AR-1232-5	7.448	6.738	61074092	70521665	2841.941	2404.737
16)	L4 AR-1242-1	7.134	6.217	13343369	41621731	149.173	508.576 #
17)	L4 AR-1242-2	7.159	6.217	53346229	41621731	414.851	368.537
18)	L4 AR-1242-3	7.238	6.434	4793933	16327777	59.121	276.401 #
19)	L4 AR-1242-4	7.339	6.534	14926567	63857174	232.184	1076.898 #
20)	L4 AR-1242-5	8.164	7.147	117.9E6	114.9E6	1328.639	1294.289
21)	L5 AR-1248-1	7.134	6.217	13343369	41621731	179.985	627.742 #
22)	L5 AR-1248-2	7.448	6.486	61074092	60941794	661.955	698.972
23)	L5 AR-1248-3	7.676	6.534	79691998	63857174	711.273	715.441
24)	L5 AR-1248-4	8.124	6.738	87237114	70521665	557.931	640.283
25)	L5 AR-1248-5	8.164	7.193	117.9E6	110.7E6	779.025	863.823
26)	L6 AR-1254-1	8.093	7.147	62202917	114.9E6	447.134	628.403 #
27)	L6 AR-1254-2	8.335	7.315	116.3E6	43429929	507.933	268.299 #
28)	L6 AR-1254-3	8.725	7.763	78899589	83042117	288.558	287.934
29)	L6 AR-1254-4	9.028	8.012	60051508	56426675	243.938	259.944
30)	L6 AR-1254-5	9.467	8.458	60010573	51841572	221.568	172.364
31)	L7 AR-1260-1	8.898	7.919	19240981	45539247	108.165	251.002 #
32)	L7 AR-1260-2	9.166	8.108	41991013	17487978	166.449	71.282 #
33)	L7 AR-1260-3	9.541	8.272	10967701	17971704	47.866	84.462 #
34)	L7 AR-1260-4	9.778	8.771	21300891	10202110	83.421	50.433 #
35)	L7 AR-1260-5	10.133	9.022	18284091	27114537	27.144	45.941 #
36)	L8 AR-1262-1	9.603	8.553	5667514	7023521	36.875	48.956 #
37)	L8 AR-1262-2	10.133	9.022	18284091	27114537	20.886	36.589 #
38)	L8 AR-1262-3	10.488	9.316	14776912	2842952	23.270	8.986 #
39)	L8 AR-1262-4	10.546	9.382	8066437	15873136	16.110	28.226 #
40)	L8 AR-1262-5	11.275	9.905	6471053	5136329	15.895	17.984
41)	L9 AR-1268-1	10.488	9.316	14776912	2842952	10.373	2.487 #
42)	L9 AR-1268-2	10.546	9.382	8066437	15873136	6.116	15.462 #
44)	L9 AR-1268-4	11.275	9.905	6471053	5136329	11.886	13.353
45)	L9 AR-1268-5	0.000	10.222	0	1711972	N.D.	0.659 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080619\
Data File : PQ042013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 11:57
Operator : SM\AJ
Sample : K3981-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

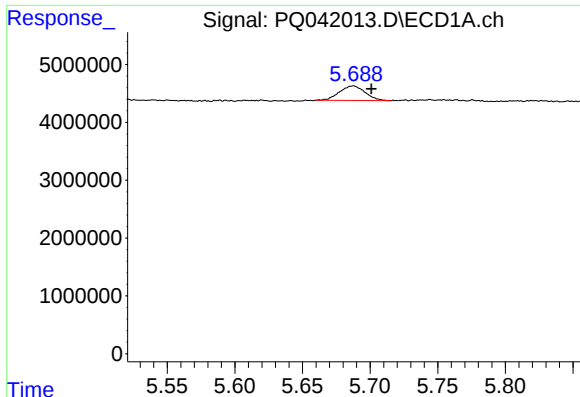
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 13:33:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
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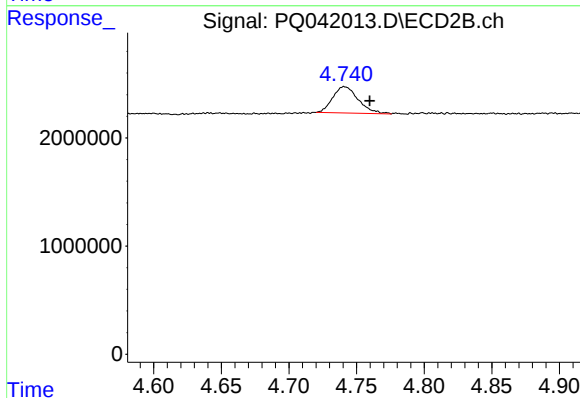
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

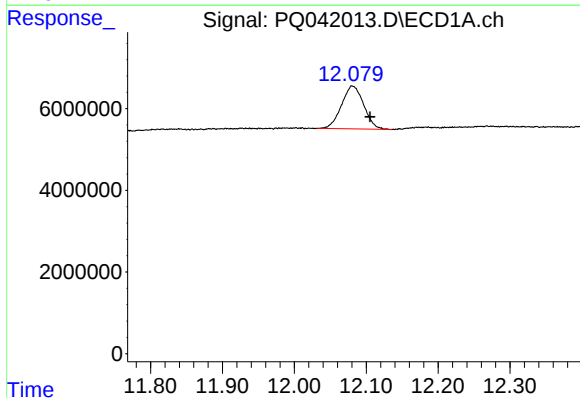
R.T.: 5.688 min
Delta R.T.: -0.013 min
Response: 3324118
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



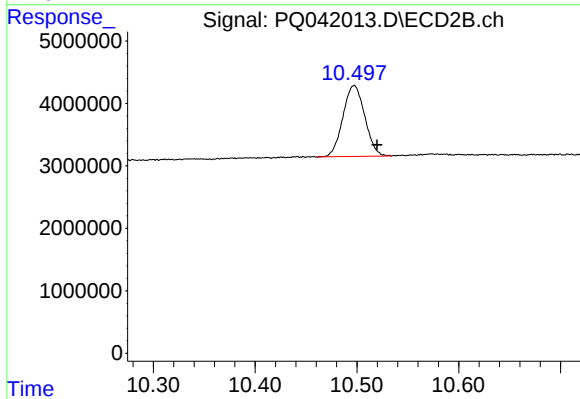
#1 Tetrachloro-m-xylene

R.T.: 4.741 min
Delta R.T.: -0.019 min
Response: 3193294
Conc: 1.66 ng/ml



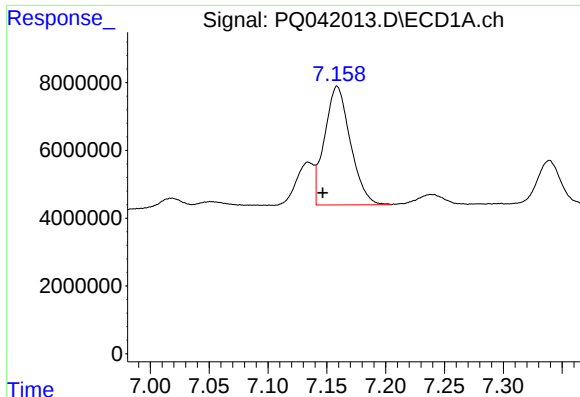
#2 Decachlorobiphenyl

R.T.: 12.081 min
Delta R.T.: -0.025 min
Response: 22535388
Conc: 2.67 ng/ml



#2 Decachlorobiphenyl

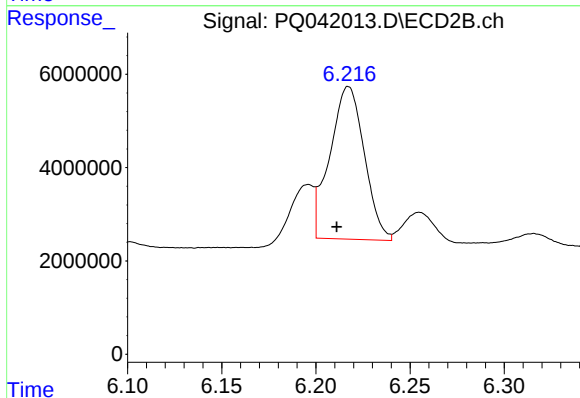
R.T.: 10.497 min
Delta R.T.: -0.022 min
Response: 16972256
Conc: 3.51 ng/ml



#3 AR-1016-1

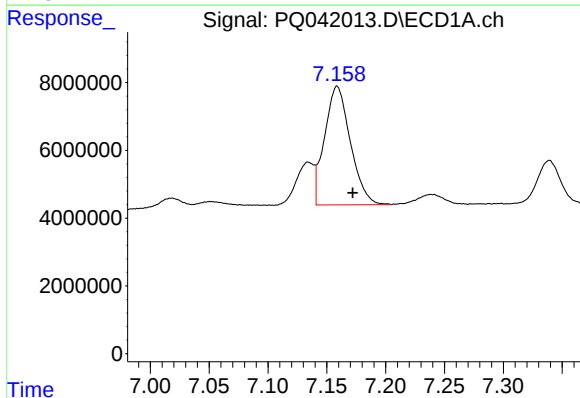
R.T.: 7.159 min
Delta R.T.: 0.012 min
Response: 53346229
Conc: 493.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



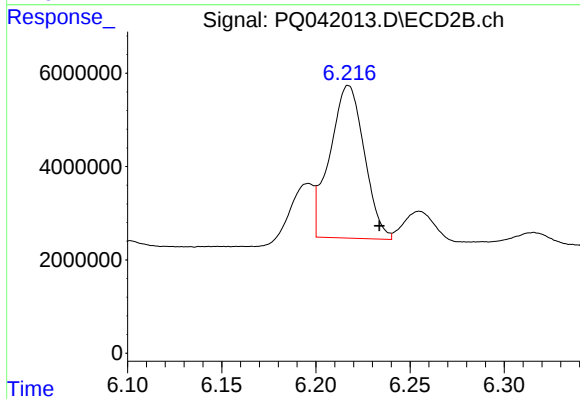
#3 AR-1016-1

R.T.: 6.217 min
Delta R.T.: 0.006 min
Response: 41621731
Conc: 401.10 ng/ml



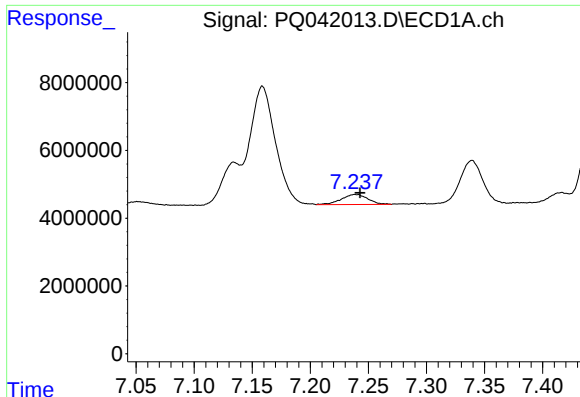
#4 AR-1016-2

R.T.: 7.159 min
Delta R.T.: -0.013 min
Response: 53346229
Conc: 340.81 ng/ml



#4 AR-1016-2

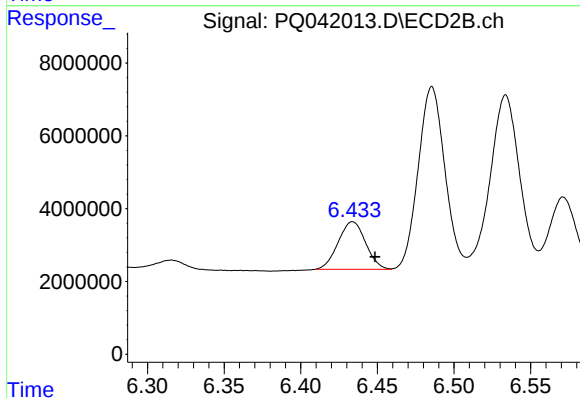
R.T.: 6.217 min
Delta R.T.: -0.016 min
Response: 41621731
Conc: 290.51 ng/ml



#5 AR-1016-3

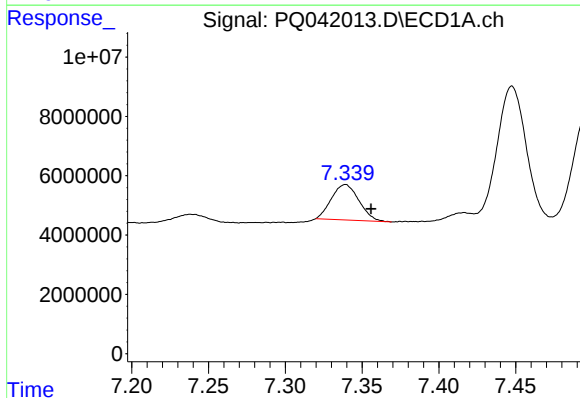
R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 4793933
Conc: 49.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



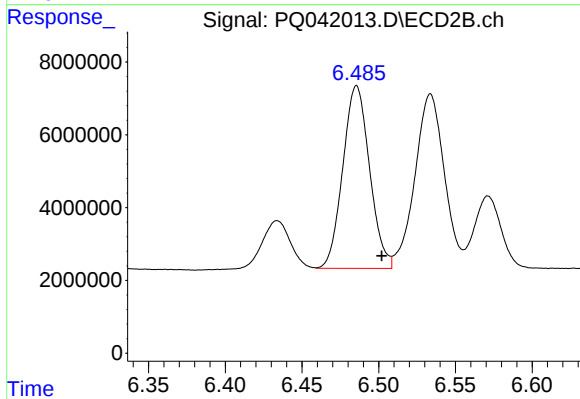
#5 AR-1016-3

R.T.: 6.434 min
Delta R.T.: -0.015 min
Response: 16327777
Conc: 218.95 ng/ml



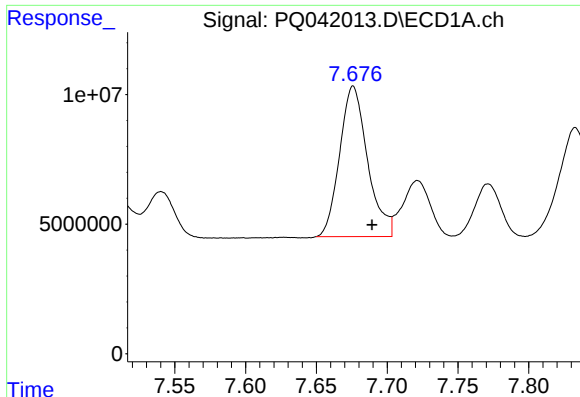
#6 AR-1016-4

R.T.: 7.339 min
Delta R.T.: -0.016 min
Response: 14926567
Conc: 191.33 ng/ml



#6 AR-1016-4

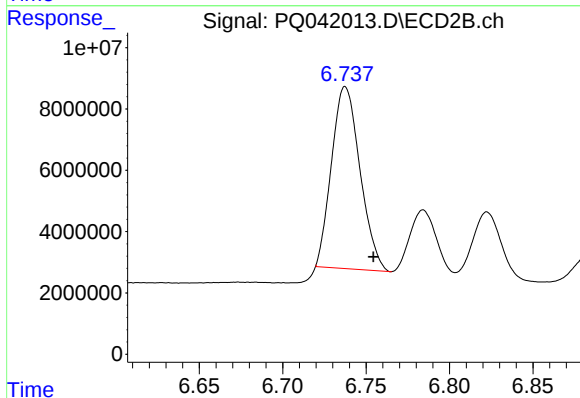
R.T.: 6.486 min
Delta R.T.: -0.016 min
Response: 60941794
Conc: 982.77 ng/ml



#7 AR-1016-5

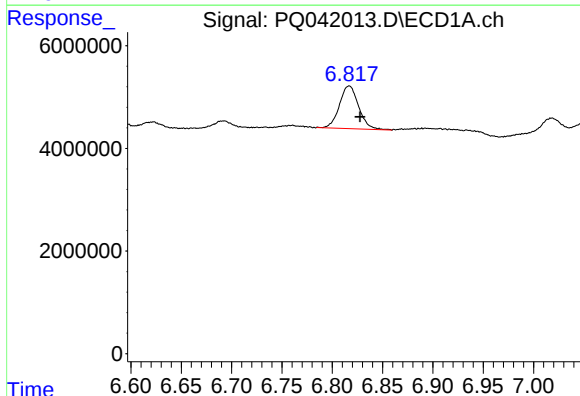
R.T.: 7.676 min
Delta R.T.: -0.013 min
Response: 79691998
Conc: 1013.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



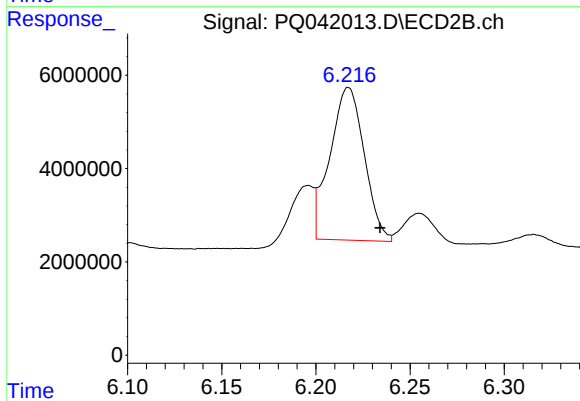
#7 AR-1016-5

R.T.: 6.738 min
Delta R.T.: -0.017 min
Response: 70521665
Conc: 866.32 ng/ml



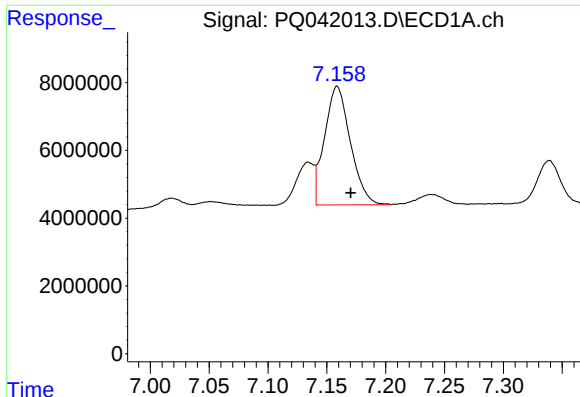
#12 AR-1232-2

R.T.: 6.817 min
Delta R.T.: -0.011 min
Response: 10989762
Conc: 334.48 ng/ml



#12 AR-1232-2

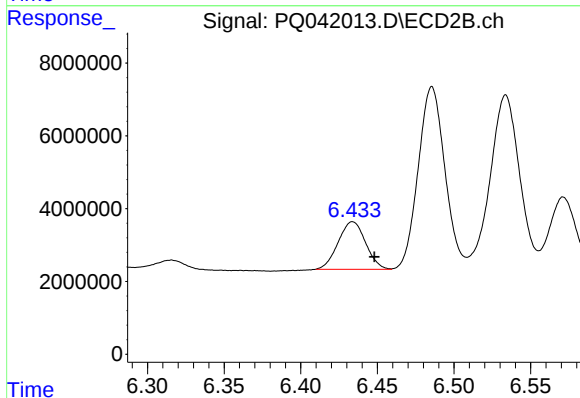
R.T.: 6.217 min
Delta R.T.: -0.017 min
Response: 41621731
Conc: 729.85 ng/ml



#13 AR-1232-3

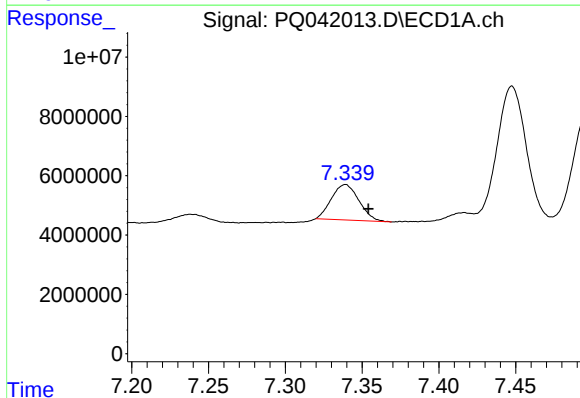
R.T.: 7.159 min
Delta R.T.: -0.011 min
Response: 53346229
Conc: 799.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



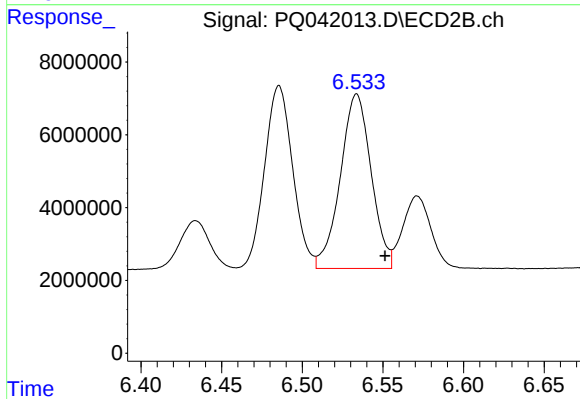
#13 AR-1232-3

R.T.: 6.434 min
Delta R.T.: -0.014 min
Response: 16327777
Conc: 547.55 ng/ml



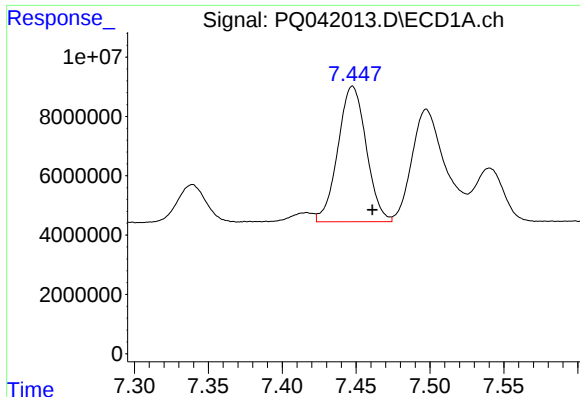
#14 AR-1232-4

R.T.: 7.339 min
Delta R.T.: -0.015 min
Response: 14926567
Conc: 465.34 ng/ml



#14 AR-1232-4

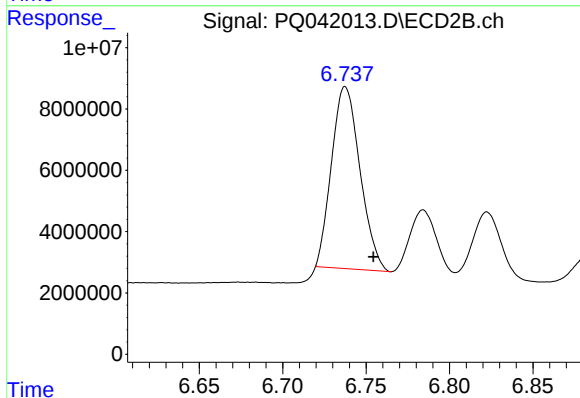
R.T.: 6.534 min
Delta R.T.: -0.018 min
Response: 63857174
Conc: 2391.95 ng/ml



#15 AR-1232-5

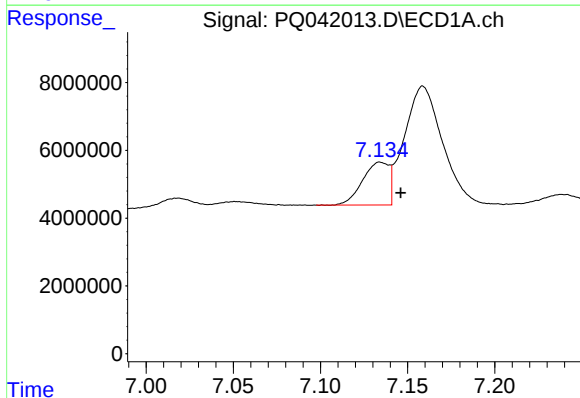
R.T.: 7.448 min
Delta R.T.: -0.013 min
Response: 61074092
Conc: 2841.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



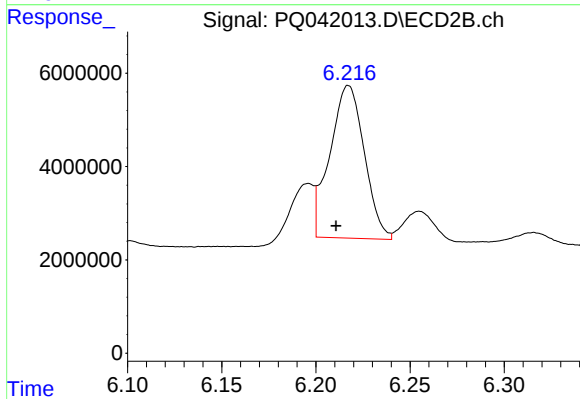
#15 AR-1232-5

R.T.: 6.738 min
Delta R.T.: -0.017 min
Response: 70521665
Conc: 2404.74 ng/ml



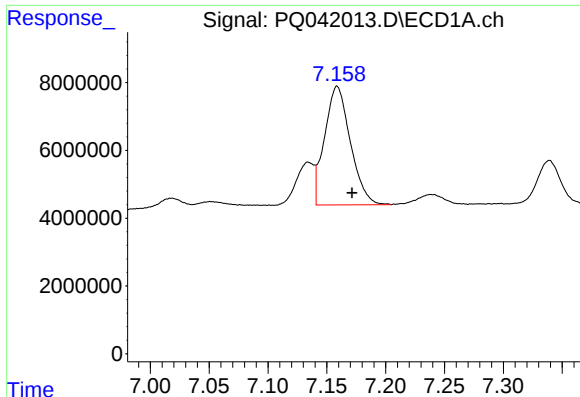
#16 AR-1242-1

R.T.: 7.134 min
Delta R.T.: -0.012 min
Response: 13343369
Conc: 149.17 ng/ml



#16 AR-1242-1

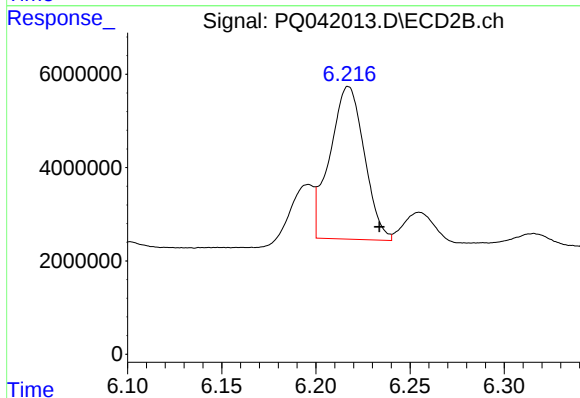
R.T.: 6.217 min
Delta R.T.: 0.007 min
Response: 41621731
Conc: 508.58 ng/ml



#17 AR-1242-2

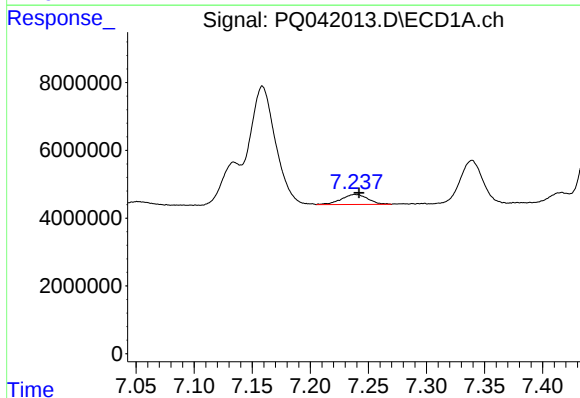
R.T.: 7.159 min
Delta R.T.: -0.013 min
Response: 53346229
Conc: 414.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



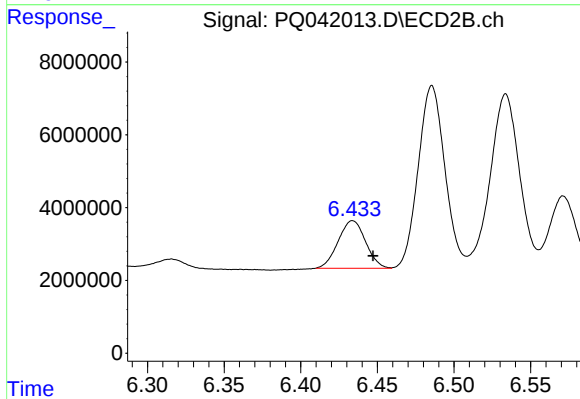
#17 AR-1242-2

R.T.: 6.217 min
Delta R.T.: -0.016 min
Response: 41621731
Conc: 368.54 ng/ml



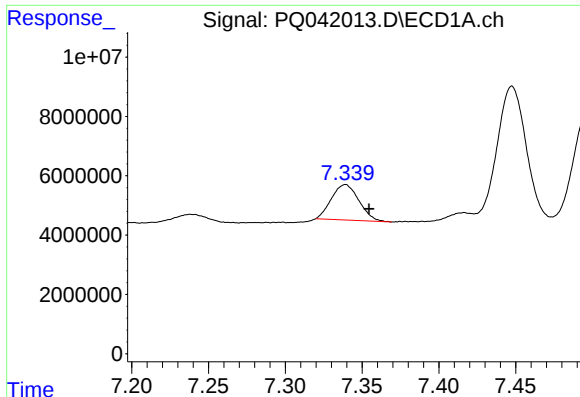
#18 AR-1242-3

R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 4793933
Conc: 59.12 ng/ml



#18 AR-1242-3

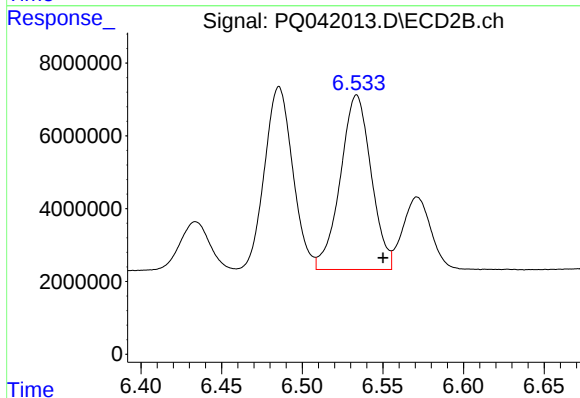
R.T.: 6.434 min
Delta R.T.: -0.013 min
Response: 16327777
Conc: 276.40 ng/ml



#19 AR-1242-4

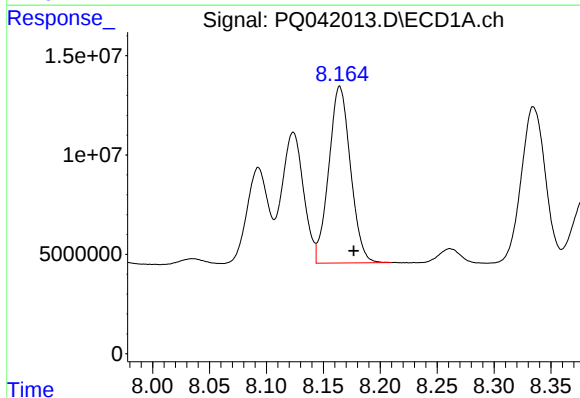
R.T.: 7.339 min
Delta R.T.: -0.015 min
Response: 14926567
Conc: 232.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



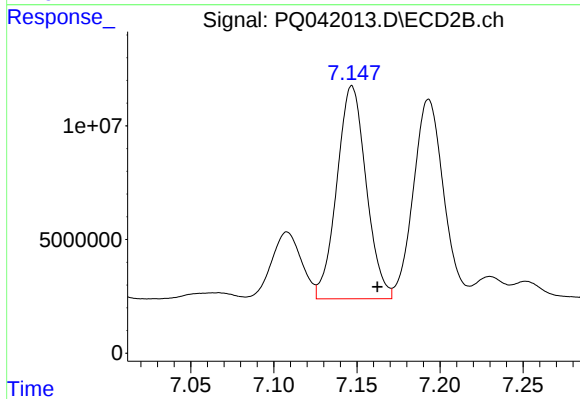
#19 AR-1242-4

R.T.: 6.534 min
Delta R.T.: -0.016 min
Response: 63857174
Conc: 1076.90 ng/ml



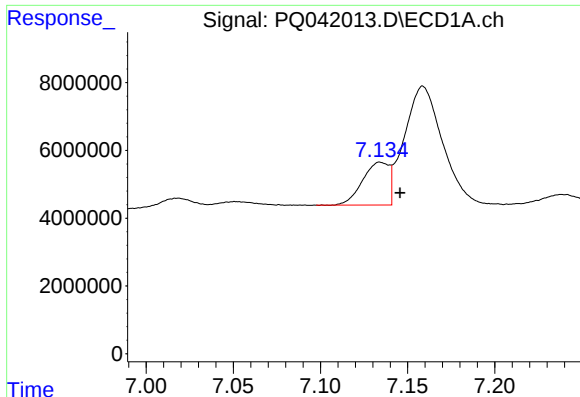
#20 AR-1242-5

R.T.: 8.164 min
Delta R.T.: -0.012 min
Response: 117884593
Conc: 1328.64 ng/ml



#20 AR-1242-5

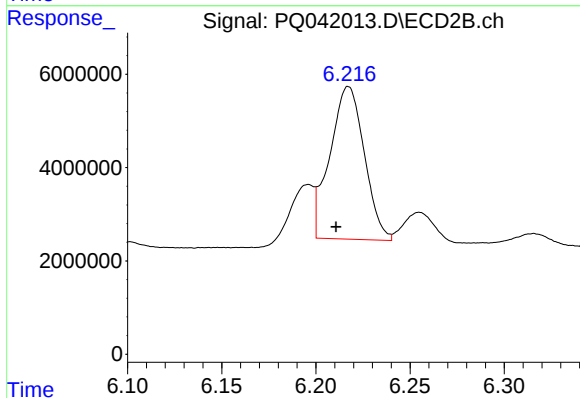
R.T.: 7.147 min
Delta R.T.: -0.015 min
Response: 114925369
Conc: 1294.29 ng/ml



#21 AR-1248-1

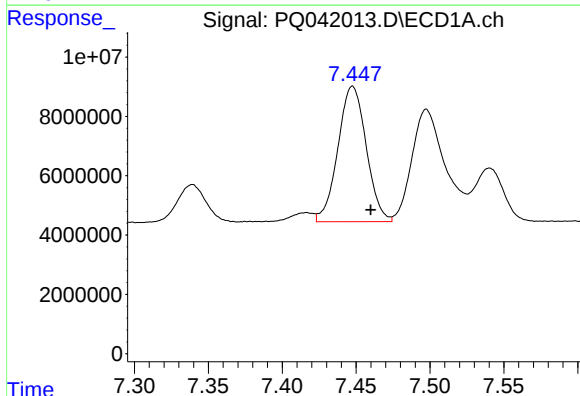
R.T.: 7.134 min
Delta R.T.: -0.012 min
Response: 13343369
Conc: 179.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



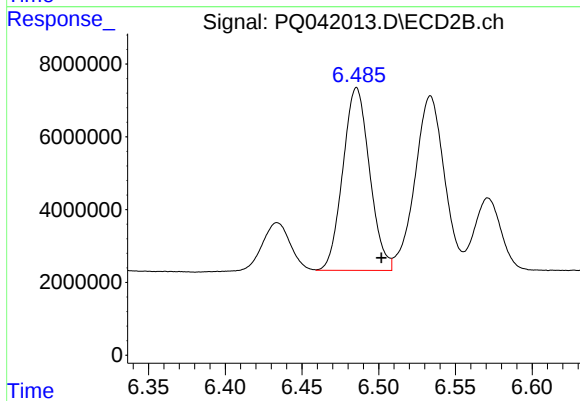
#21 AR-1248-1

R.T.: 6.217 min
Delta R.T.: 0.007 min
Response: 41621731
Conc: 627.74 ng/ml



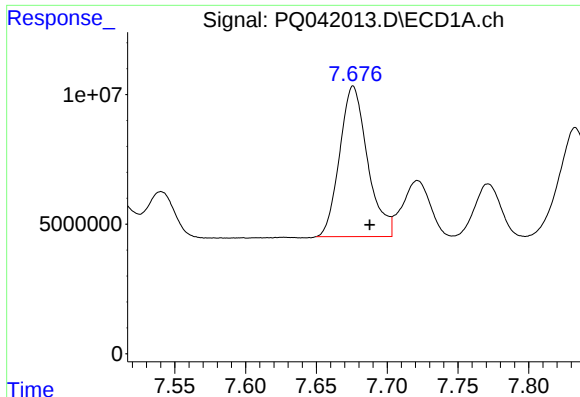
#22 AR-1248-2

R.T.: 7.448 min
Delta R.T.: -0.012 min
Response: 61074092
Conc: 661.96 ng/ml



#22 AR-1248-2

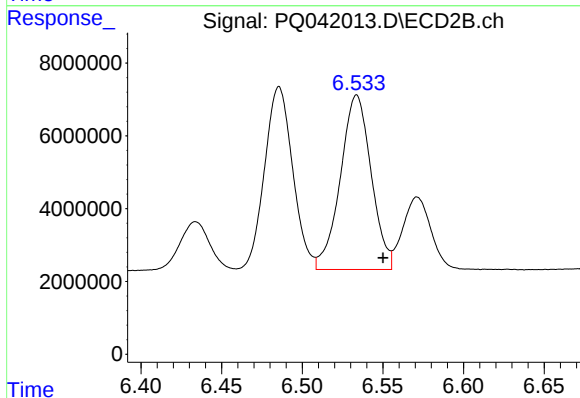
R.T.: 6.486 min
Delta R.T.: -0.016 min
Response: 60941794
Conc: 698.97 ng/ml



#23 AR-1248-3

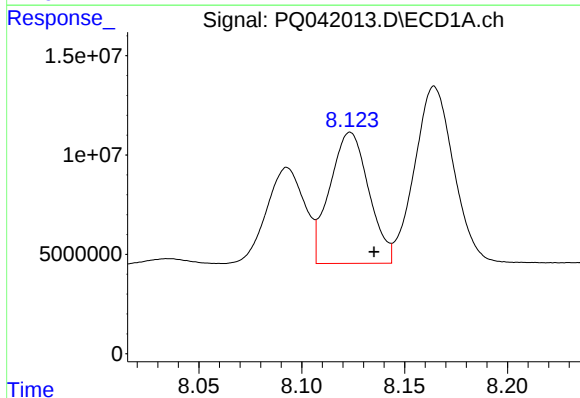
R.T.: 7.676 min
Delta R.T.: -0.012 min
Response: 79691998
Conc: 711.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



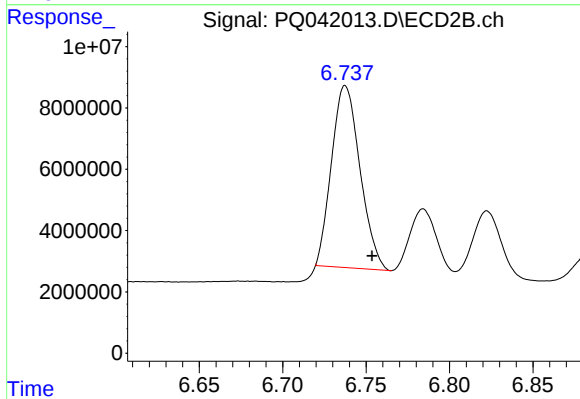
#23 AR-1248-3

R.T.: 6.534 min
Delta R.T.: -0.016 min
Response: 63857174
Conc: 715.44 ng/ml



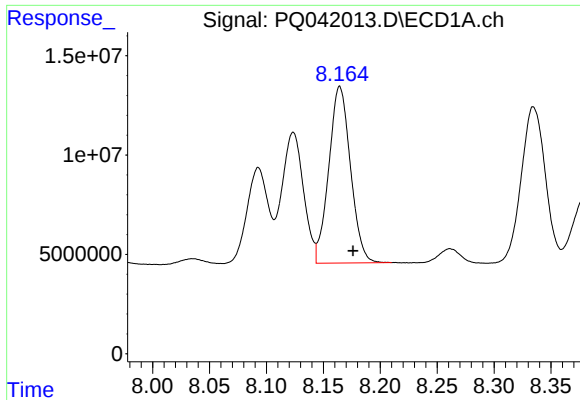
#24 AR-1248-4

R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 87237114
Conc: 557.93 ng/ml



#24 AR-1248-4

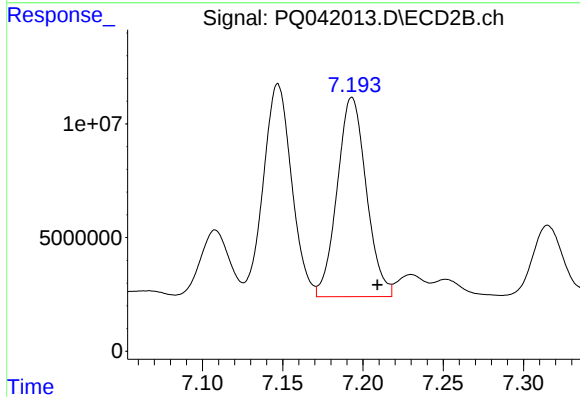
R.T.: 6.738 min
Delta R.T.: -0.016 min
Response: 70521665
Conc: 640.28 ng/ml



#25 AR-1248-5

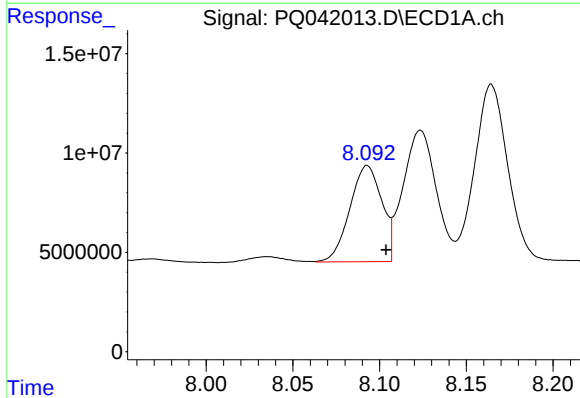
R.T.: 8.164 min
Delta R.T.: -0.012 min
Response: 117884593
Conc: 779.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



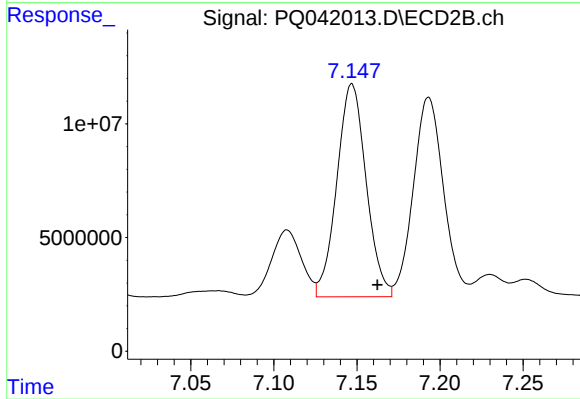
#25 AR-1248-5

R.T.: 7.193 min
Delta R.T.: -0.016 min
Response: 110720227
Conc: 863.82 ng/ml



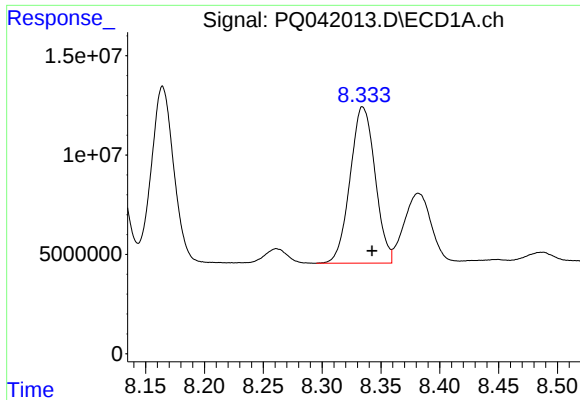
#26 AR-1254-1

R.T.: 8.093 min
Delta R.T.: -0.011 min
Response: 62202917
Conc: 447.13 ng/ml



#26 AR-1254-1

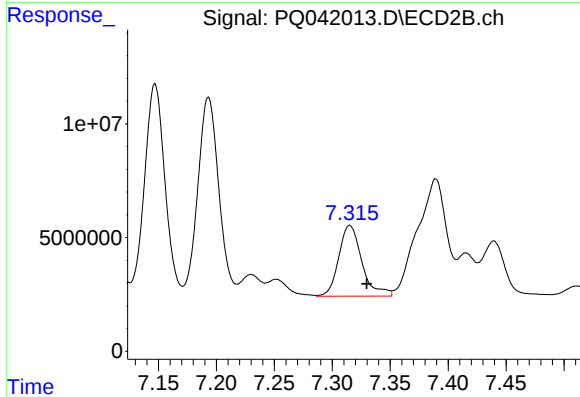
R.T.: 7.147 min
Delta R.T.: -0.015 min
Response: 114925369
Conc: 628.40 ng/ml



#27 AR-1254-2

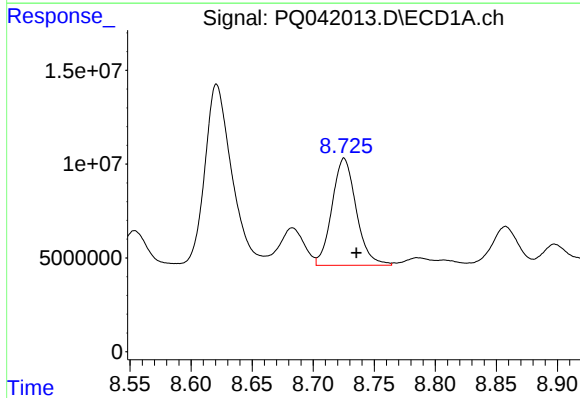
R.T.: 8.335 min
Delta R.T.: -0.008 min
Response: 116257143
Conc: 507.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



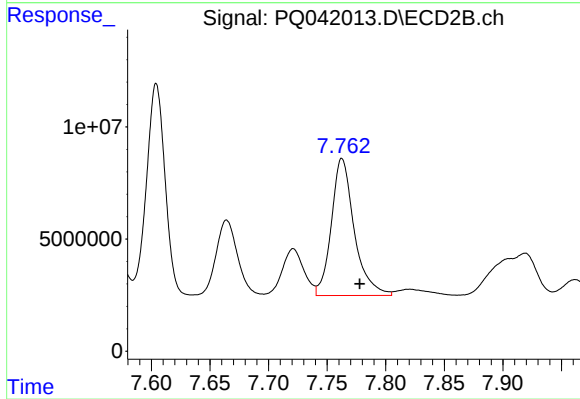
#27 AR-1254-2

R.T.: 7.315 min
Delta R.T.: -0.015 min
Response: 43429929
Conc: 268.30 ng/ml



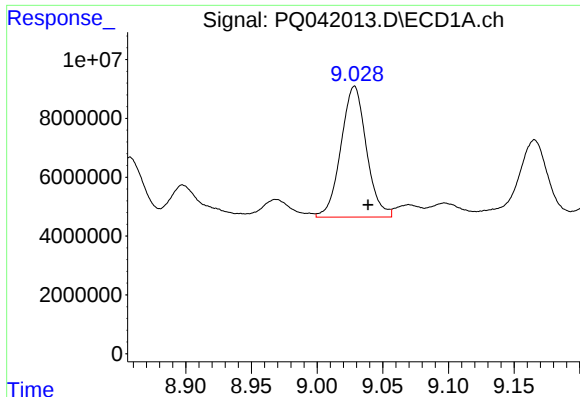
#28 AR-1254-3

R.T.: 8.725 min
Delta R.T.: -0.010 min
Response: 78899589
Conc: 288.56 ng/ml



#28 AR-1254-3

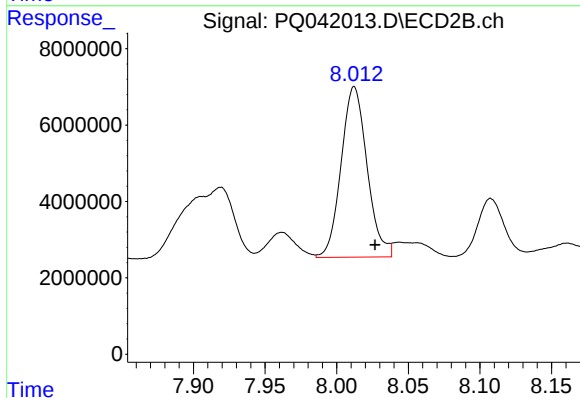
R.T.: 7.763 min
Delta R.T.: -0.015 min
Response: 83042117
Conc: 287.93 ng/ml



#29 AR-1254-4

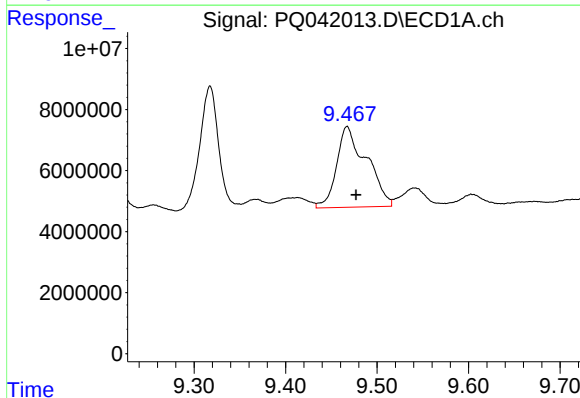
R.T.: 9.028 min
Delta R.T.: -0.010 min
Response: 60051508
Conc: 243.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



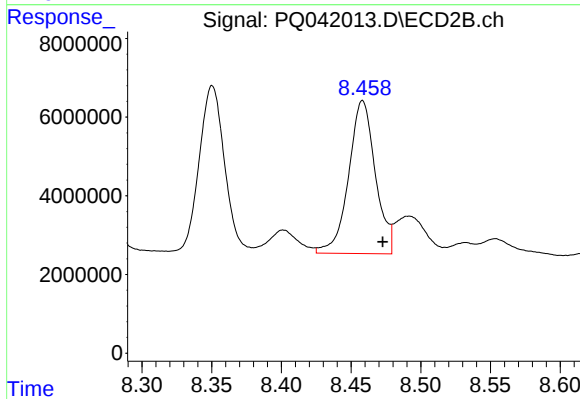
#29 AR-1254-4

R.T.: 8.012 min
Delta R.T.: -0.015 min
Response: 56426675
Conc: 259.94 ng/ml



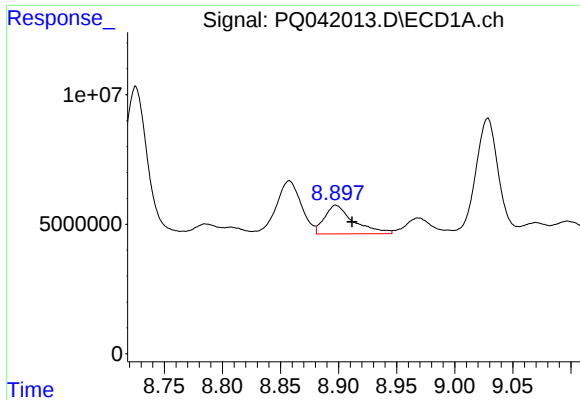
#30 AR-1254-5

R.T.: 9.467 min
Delta R.T.: -0.010 min
Response: 60010573
Conc: 221.57 ng/ml



#30 AR-1254-5

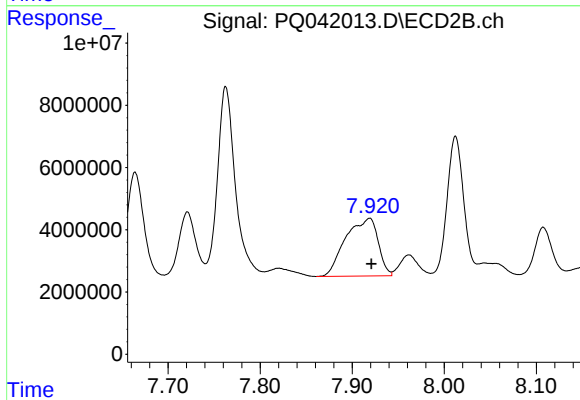
R.T.: 8.458 min
Delta R.T.: -0.014 min
Response: 51841572
Conc: 172.36 ng/ml



#31 AR-1260-1

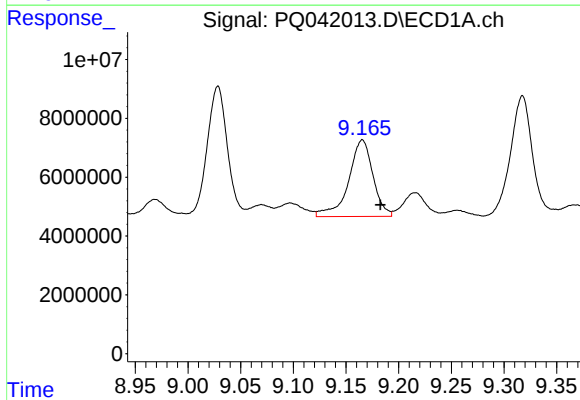
R.T.: 8.898 min
Delta R.T.: -0.014 min
Response: 19240981
Conc: 108.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



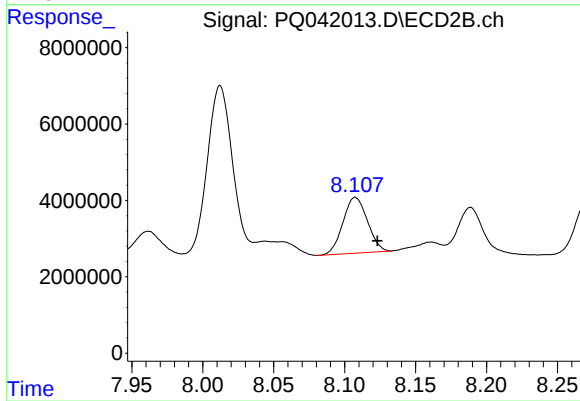
#31 AR-1260-1

R.T.: 7.919 min
Delta R.T.: -0.002 min
Response: 45539247
Conc: 251.00 ng/ml



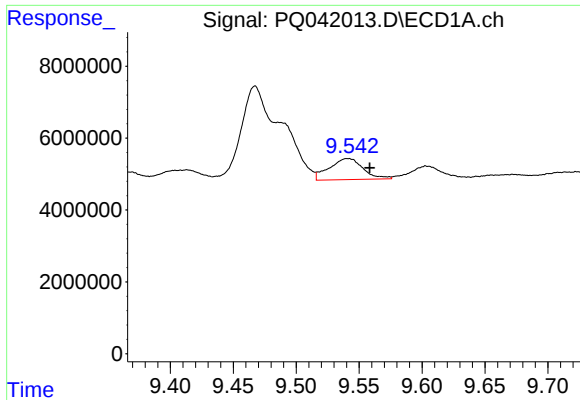
#32 AR-1260-2

R.T.: 9.166 min
Delta R.T.: -0.017 min
Response: 41991013
Conc: 166.45 ng/ml



#32 AR-1260-2

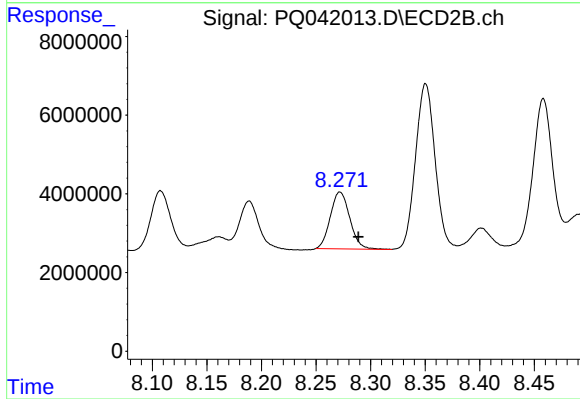
R.T.: 8.108 min
Delta R.T.: -0.016 min
Response: 17487978
Conc: 71.28 ng/ml



#33 AR-1260-3

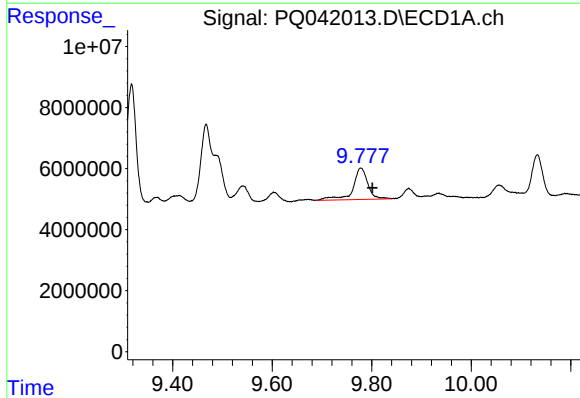
R.T.: 9.541 min
Delta R.T.: -0.018 min
Response: 10967701
Conc: 47.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



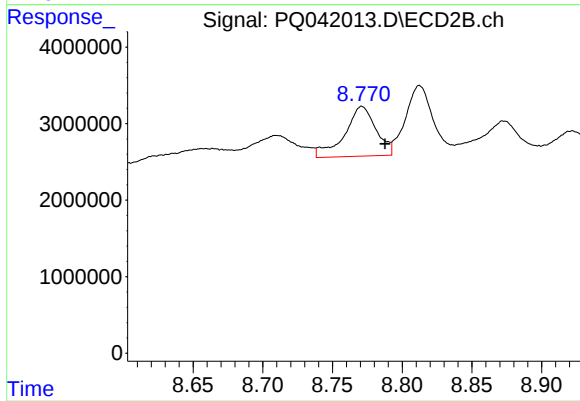
#33 AR-1260-3

R.T.: 8.272 min
Delta R.T.: -0.017 min
Response: 17971704
Conc: 84.46 ng/ml



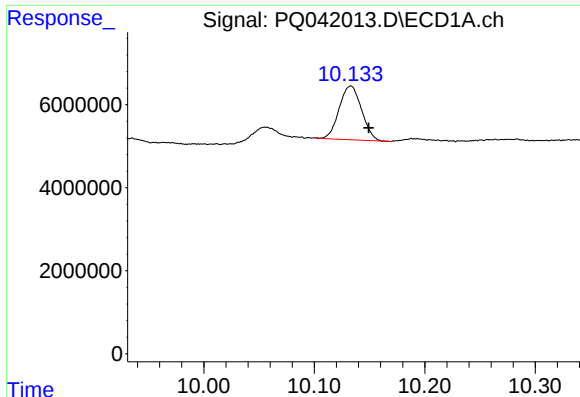
#34 AR-1260-4

R.T.: 9.778 min
Delta R.T.: -0.024 min
Response: 21300891
Conc: 83.42 ng/ml



#34 AR-1260-4

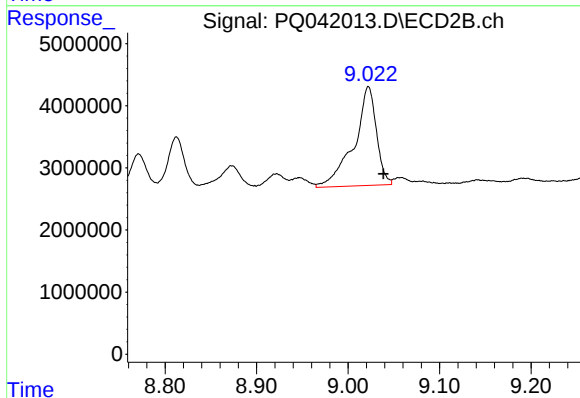
R.T.: 8.771 min
Delta R.T.: -0.017 min
Response: 10202110
Conc: 50.43 ng/ml



#35 AR-1260-5

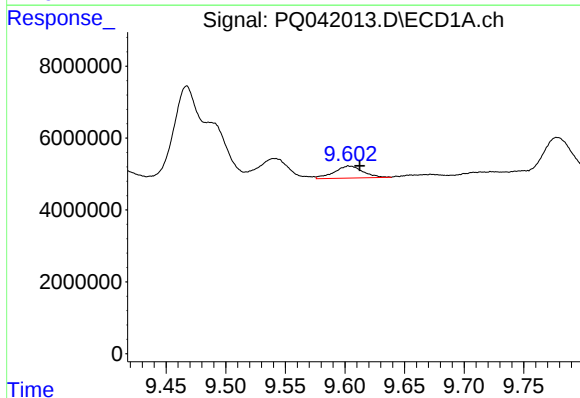
R.T.: 10.133 min
Delta R.T.: -0.016 min
Response: 18284091
Conc: 27.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



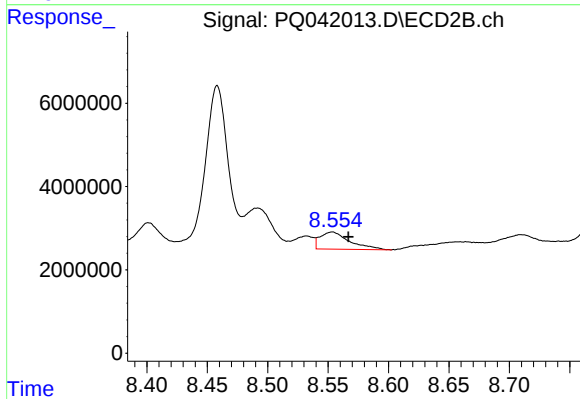
#35 AR-1260-5

R.T.: 9.022 min
Delta R.T.: -0.016 min
Response: 27114537
Conc: 45.94 ng/ml



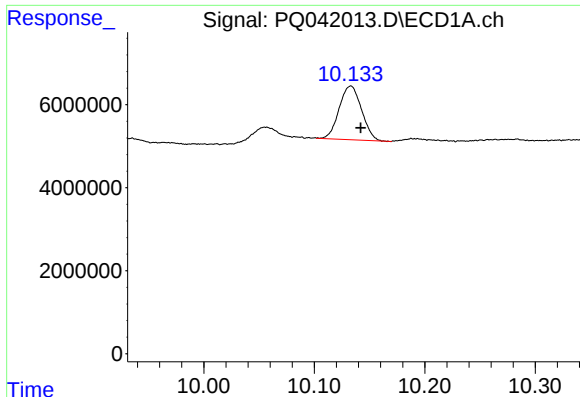
#36 AR-1262-1

R.T.: 9.603 min
Delta R.T.: -0.009 min
Response: 5667514
Conc: 36.88 ng/ml



#36 AR-1262-1

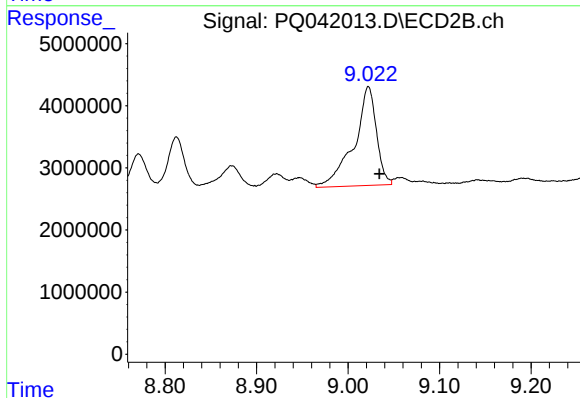
R.T.: 8.553 min
Delta R.T.: -0.013 min
Response: 7023521
Conc: 48.96 ng/ml



#37 AR-1262-2

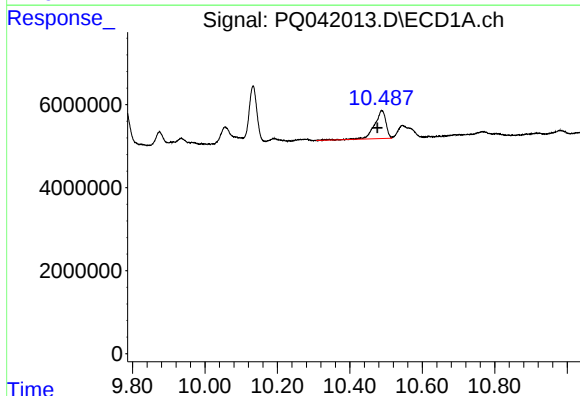
R.T.: 10.133 min
Delta R.T.: -0.009 min
Response: 18284091
Conc: 20.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



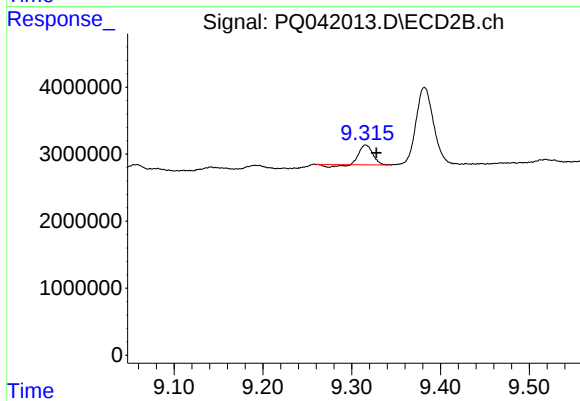
#37 AR-1262-2

R.T.: 9.022 min
Delta R.T.: -0.012 min
Response: 27114537
Conc: 36.59 ng/ml



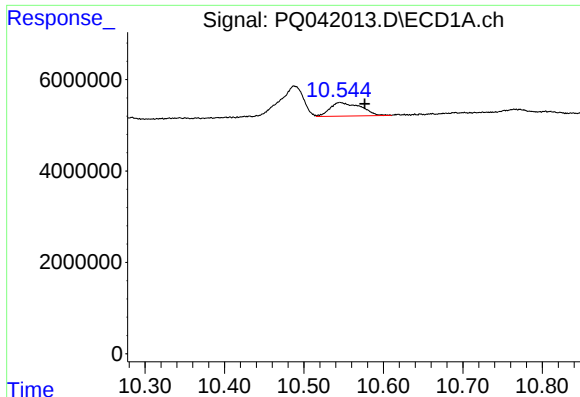
#38 AR-1262-3

R.T.: 10.488 min
Delta R.T.: 0.011 min
Response: 14776912
Conc: 23.27 ng/ml



#38 AR-1262-3

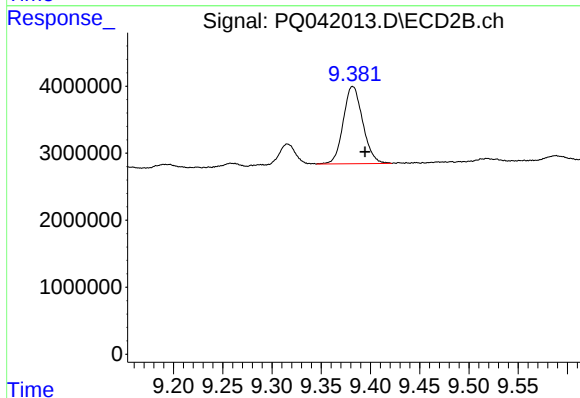
R.T.: 9.316 min
Delta R.T.: -0.012 min
Response: 2842952
Conc: 8.99 ng/ml



#39 AR-1262-4

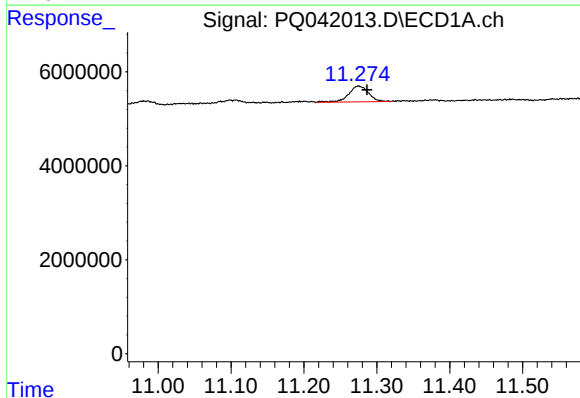
R.T.: 10.546 min
Delta R.T.: -0.031 min
Response: 8066437
Conc: 16.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



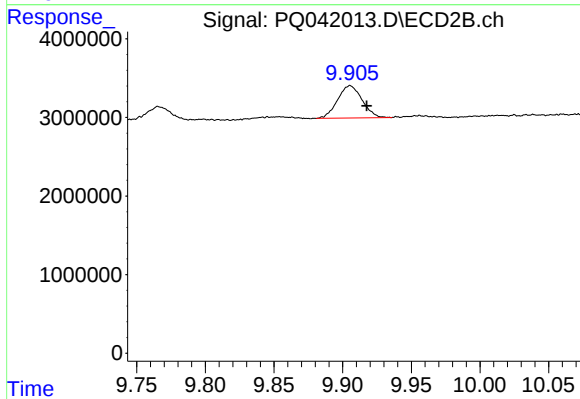
#39 AR-1262-4

R.T.: 9.382 min
Delta R.T.: -0.013 min
Response: 15873136
Conc: 28.23 ng/ml



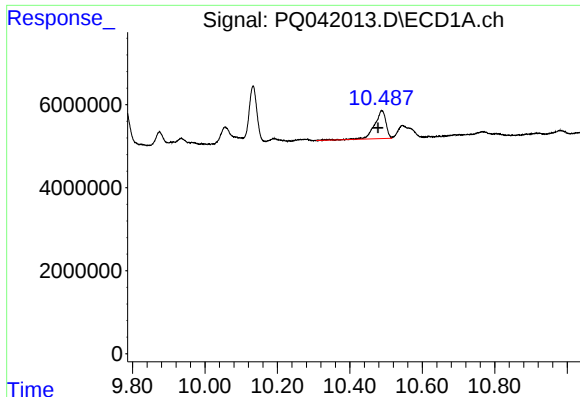
#40 AR-1262-5

R.T.: 11.275 min
Delta R.T.: -0.012 min
Response: 6471053
Conc: 15.90 ng/ml



#40 AR-1262-5

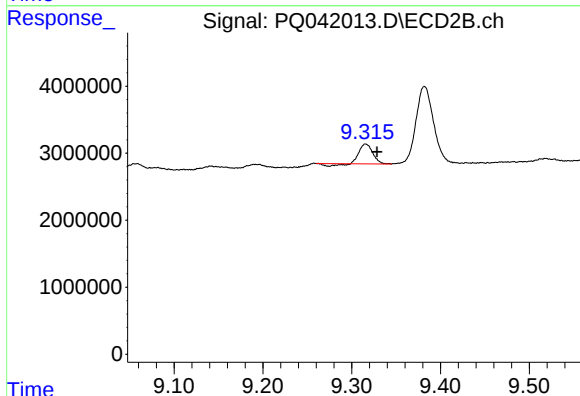
R.T.: 9.905 min
Delta R.T.: -0.012 min
Response: 5136329
Conc: 17.98 ng/ml



#41 AR-1268-1

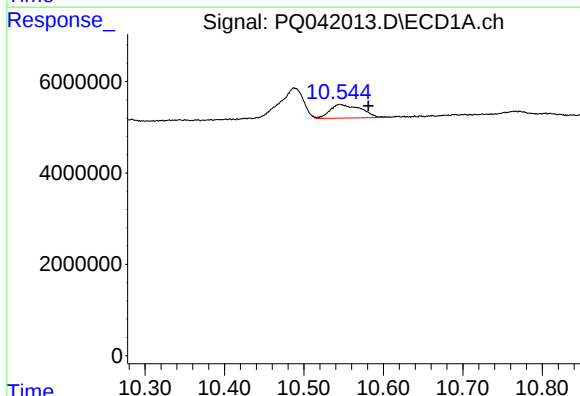
R.T.: 10.488 min
Delta R.T.: 0.010 min
Response: 14776912
Conc: 10.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



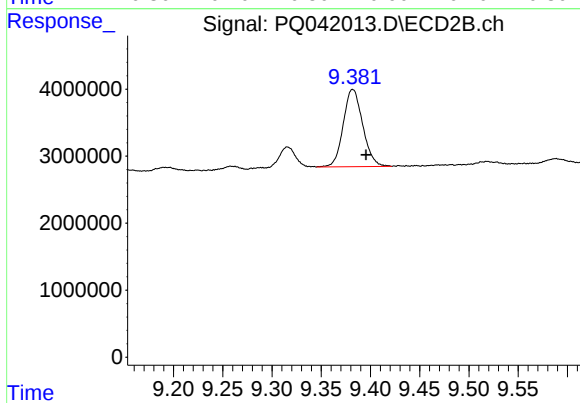
#41 AR-1268-1

R.T.: 9.316 min
Delta R.T.: -0.013 min
Response: 2842952
Conc: 2.49 ng/ml



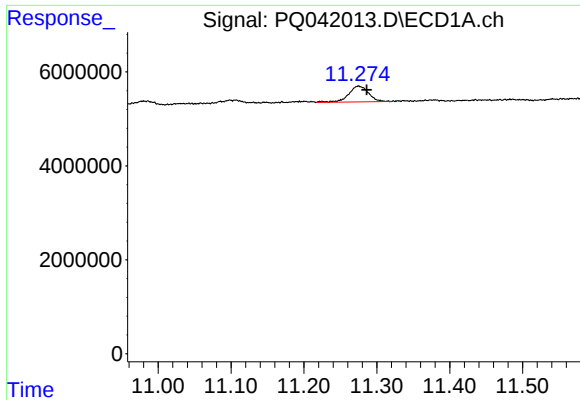
#42 AR-1268-2

R.T.: 10.546 min
Delta R.T.: -0.036 min
Response: 8066437
Conc: 6.12 ng/ml



#42 AR-1268-2

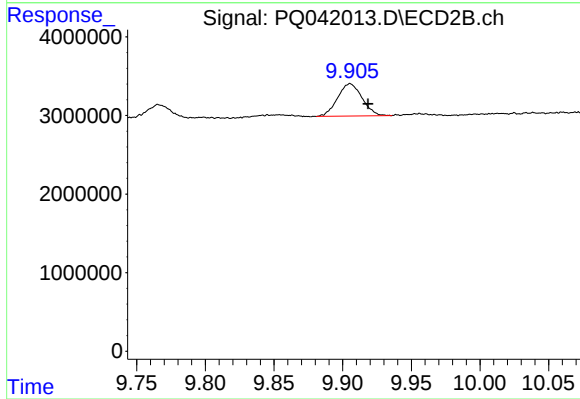
R.T.: 9.382 min
Delta R.T.: -0.014 min
Response: 15873136
Conc: 15.46 ng/ml



#44 AR-1268-4

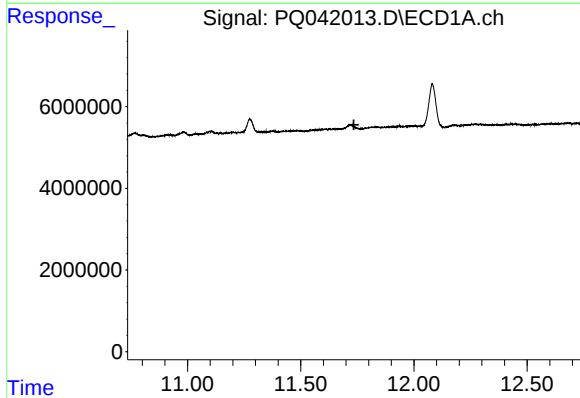
R.T.: 11.275 min
Delta R.T.: -0.012 min
Response: 6471053
Conc: 11.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



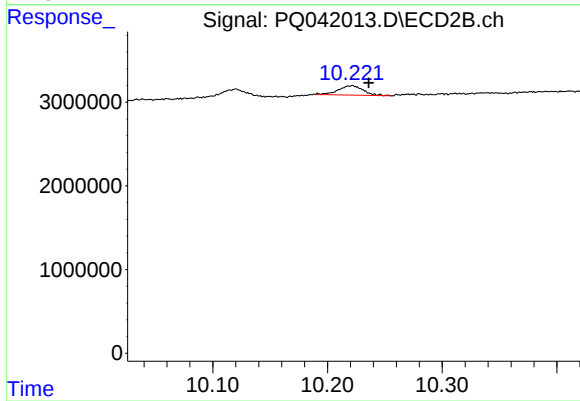
#44 AR-1268-4

R.T.: 9.905 min
Delta R.T.: -0.013 min
Response: 5136329
Conc: 13.35 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.735 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.222 min
Delta R.T.: -0.014 min
Response: 1711972
Conc: 0.66 ng/ml