

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081419\
 Data File : PQ042474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2019 19:43
 Operator : SM\AJ
 Sample : K4242-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:00:38 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...	5.672	4.734	38952220	37546049	16.985	19.482
2)	SA Decachlor...	12.056	10.482	180.8E6	140.9E6	21.441	29.137 #
Target Compounds							
3)	L1 AR-1016-1	7.144	6.184	16419493	4432508	151.914	42.715 #
4)	L1 AR-1016-2	7.144	6.207	16419493	7539937	104.898	52.628 #
5)	L1 AR-1016-3	7.216	6.422	3750030	4103998	38.769	55.034 #
6)	L1 AR-1016-4	7.326	6.524	5528508	5889310	70.865	94.973 #
7)	L1 AR-1016-5	7.662	6.774	7036305	3118701	89.509	38.312 #
10)	L2 AR-1221-3	0.000	5.317	0	2106643	N.D.	38.631 #
11)	L3 AR-1232-1	0.000	5.317	0	2106643	N.D.	43.627 #
12)	L3 AR-1232-2	6.801	6.207	4297832	7539937	130.805	132.215
13)	L3 AR-1232-3	7.144	6.422	16419493	4103998	245.935	137.628 #
14)	L3 AR-1232-4	7.326	6.561	5528508	2189474	172.353	82.013 #
15)	L3 AR-1232-5	7.483	6.774	3445334	3118701	160.321	106.345 #
16)	L4 AR-1242-1	7.144	6.184	16419493	4432508	183.562	54.161 #
17)	L4 AR-1242-2	7.144	6.207	16419493	7539937	127.687	66.762 #
18)	L4 AR-1242-3	7.216	6.422	3750030	4103998	46.247	69.474 #
19)	L4 AR-1242-4	7.326	6.561	5528508	2189474	85.996	36.924 #
20)	L4 AR-1242-5	8.150	7.183	8781722	8271664	98.976	93.155
21)	L5 AR-1248-1	7.144	6.184	16419493	4432508	221.478	66.851 #
22)	L5 AR-1248-2	7.483	6.524	3445334	5889310	37.342	67.547 #
23)	L5 AR-1248-3	7.707	6.524	2891168	5889310	25.804	65.982 #
24)	L5 AR-1248-4	8.109	6.774	8104928	3118701	51.836	28.315 #
25)	L5 AR-1248-5	8.150	7.183	8781722	8271664	58.033	64.534
26)	L6 AR-1254-1	8.079	7.183	8682916	8271664	62.416	45.229 #
27)	L6 AR-1254-2	8.320	7.305	13492258	5775231	58.948	35.678 #
28)	L6 AR-1254-3	8.712	7.752	11381351	15063895	41.625	52.231 #
29)	L6 AR-1254-4	9.014	8.001	4901312	5060275	19.910	23.311
30)	L6 AR-1254-5	9.452	8.485	17398991	9057571	64.240	30.115 #
31)	L7 AR-1260-1	8.884	7.894	6989629	12854969	39.293	70.854 #
32)	L7 AR-1260-2	9.153	8.096	13351117	11412699	52.923	46.519
33)	L7 AR-1260-3	9.529	8.261	8176636	10001704	35.685	47.005 #
34)	L7 AR-1260-4	9.769	8.758	17555496	10808179	68.753	53.429
35)	L7 AR-1260-5	10.118	9.011	24794306	24178523	36.809	40.967
36)	L8 AR-1262-1	9.591	8.542	5042129	4856092	32.806	33.849
37)	L8 AR-1262-2	10.118	9.011	24794306	24178523	28.323	32.627
38)	L8 AR-1262-3	10.470	9.304	15628993	5740133	24.612	18.144 #
39)	L8 AR-1262-4	10.530	9.370	10073652	21720156	20.119	38.623 #
40)	L8 AR-1262-5	11.255	9.894	14170340	7047649	34.807	24.676 #
41)	L9 AR-1268-1	10.470	9.304	15628993	5740133	10.971	5.021 #
42)	L9 AR-1268-2	10.530	9.370	10073652	21720156	7.638	21.158 #
44)	L9 AR-1268-4	11.255	9.894	14170340	7047649	26.028	18.321 #

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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
45) L9	AR-1268-5	11.698	10.205	3636695	2569014	0.897	0.989

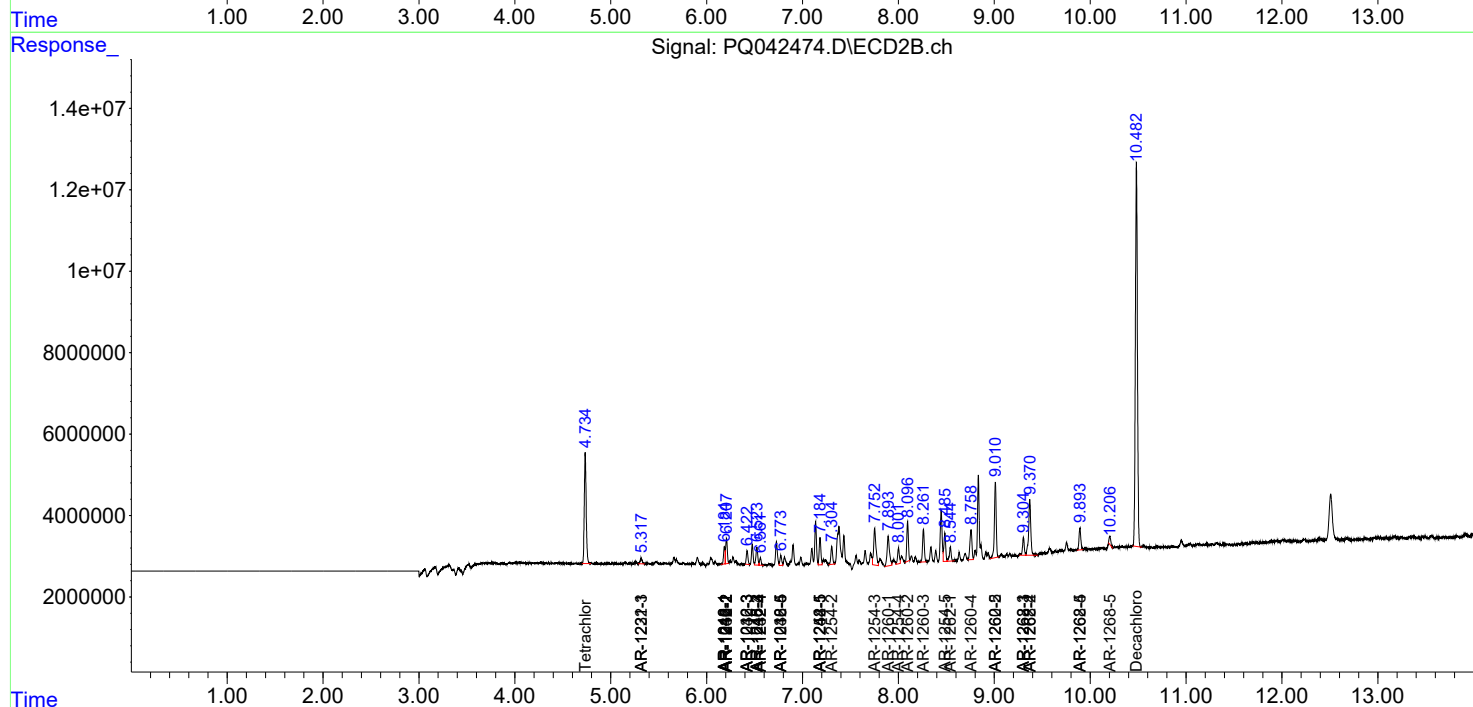
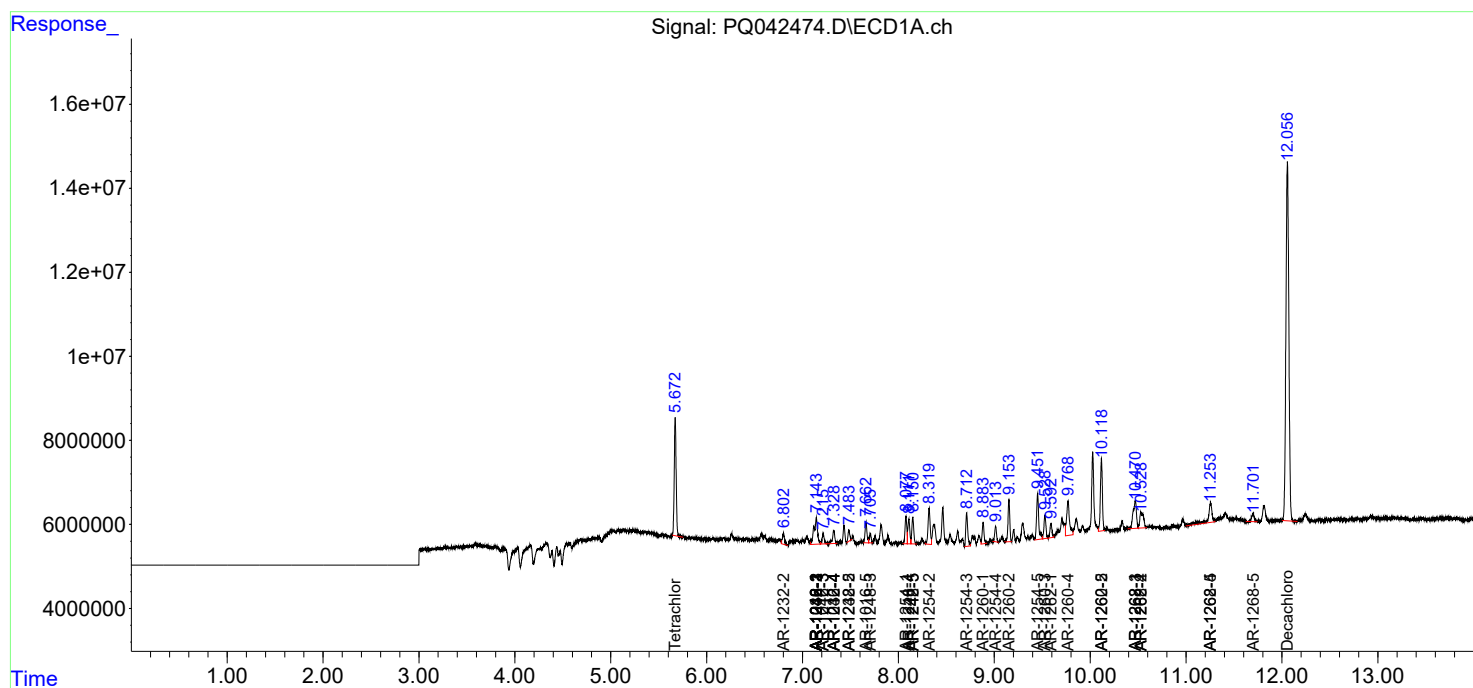
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

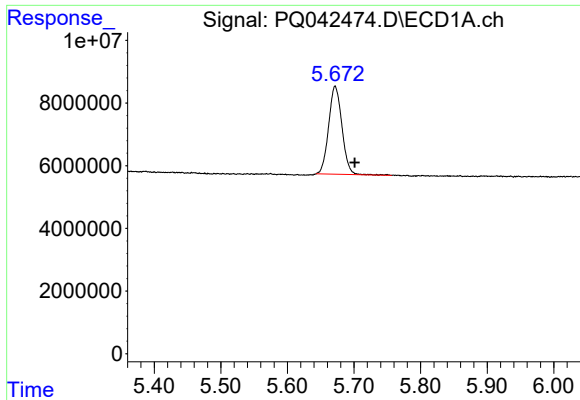
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081419\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2019 19:43
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

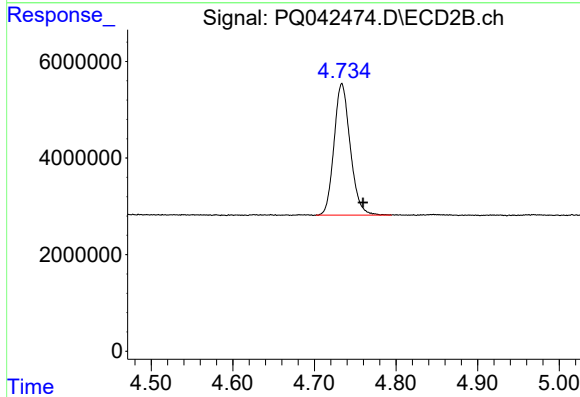




#1 Tetrachloro-m-xylene

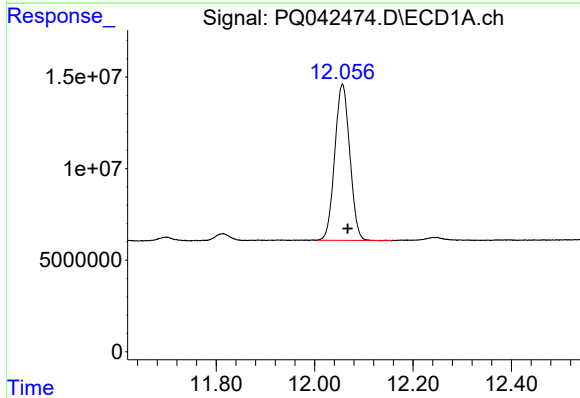
R.T.: 5.672 min
Delta R.T.: -0.029 min
Response: 38952220
Conc: 16.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



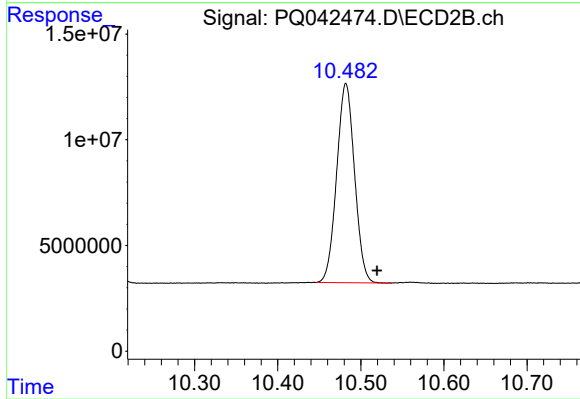
#1 Tetrachloro-m-xylene

R.T.: 4.734 min
Delta R.T.: -0.026 min
Response: 37546049
Conc: 19.48 ng/ml



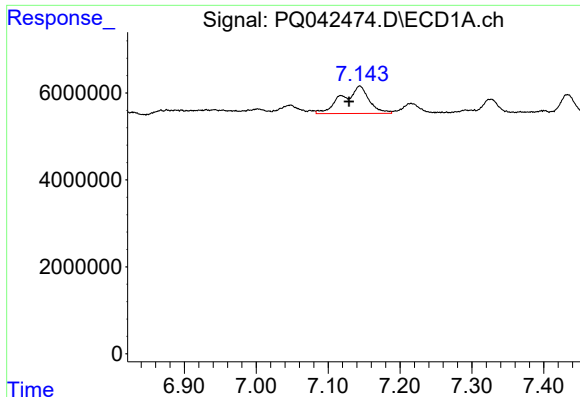
#2 Decachlorobiphenyl

R.T.: 12.056 min
Delta R.T.: -0.011 min
Response: 180778397
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

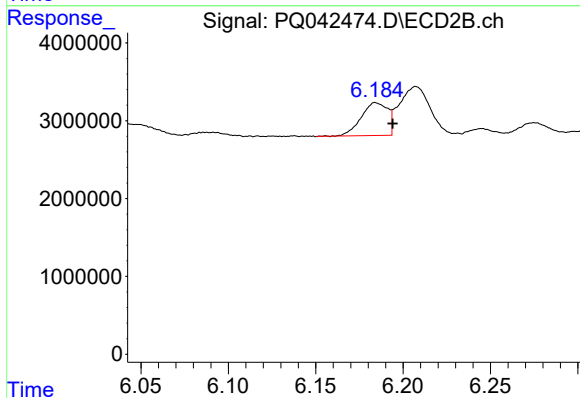
R.T.: 10.482 min
Delta R.T.: -0.038 min
Response: 140945442
Conc: 29.14 ng/ml



#3 AR-1016-1

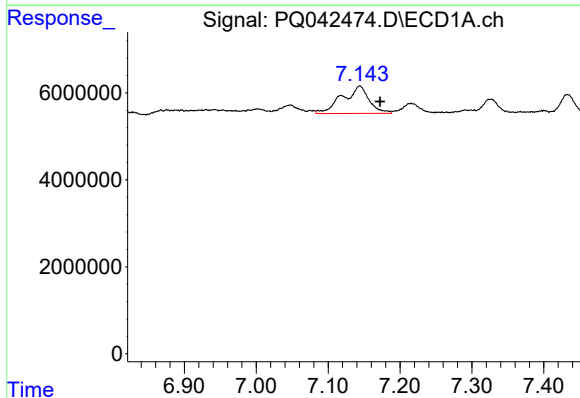
R.T.: 7.144 min
Delta R.T.: 0.015 min
Response: 16419493
Conc: 151.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



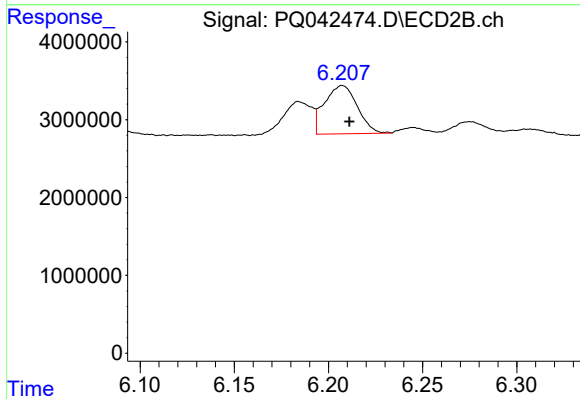
#3 AR-1016-1

R.T.: 6.184 min
Delta R.T.: -0.010 min
Response: 4432508
Conc: 42.72 ng/ml



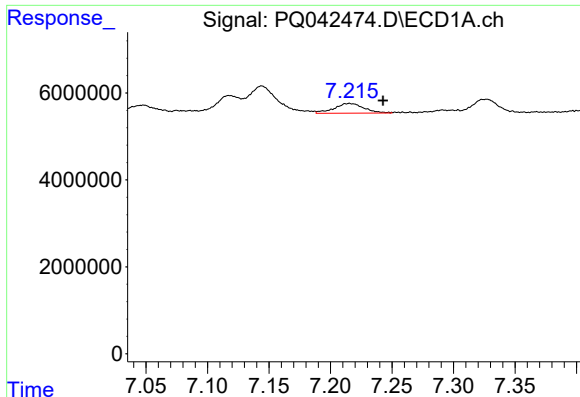
#4 AR-1016-2

R.T.: 7.144 min
Delta R.T.: -0.028 min
Response: 16419493
Conc: 104.90 ng/ml



#4 AR-1016-2

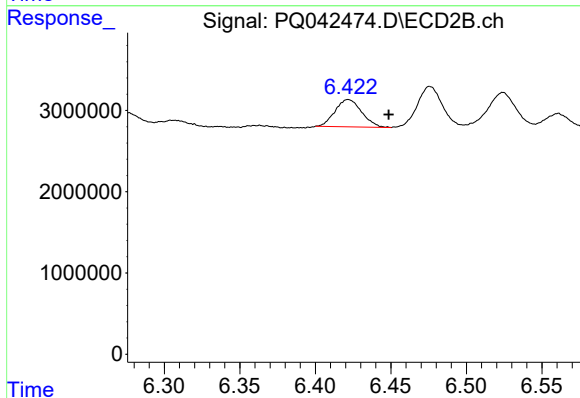
R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 7539937
Conc: 52.63 ng/ml



#5 AR-1016-3

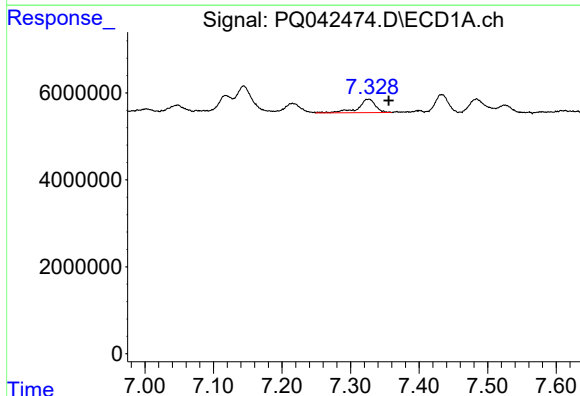
R.T.: 7.216 min
Delta R.T.: -0.027 min
Response: 3750030
Conc: 38.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



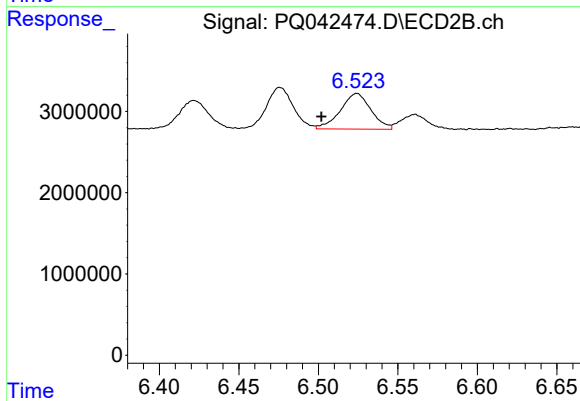
#5 AR-1016-3

R.T.: 6.422 min
Delta R.T.: -0.027 min
Response: 4103998
Conc: 55.03 ng/ml



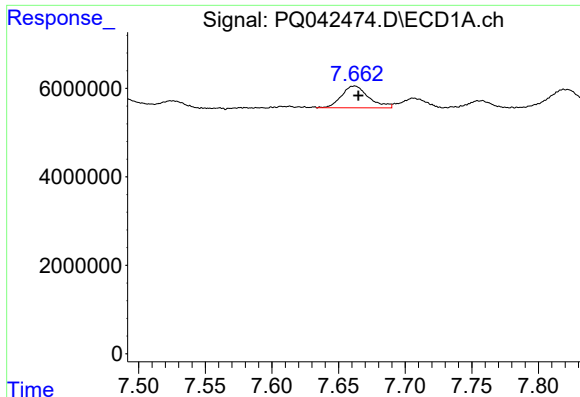
#6 AR-1016-4

R.T.: 7.326 min
Delta R.T.: -0.030 min
Response: 5528508
Conc: 70.87 ng/ml



#6 AR-1016-4

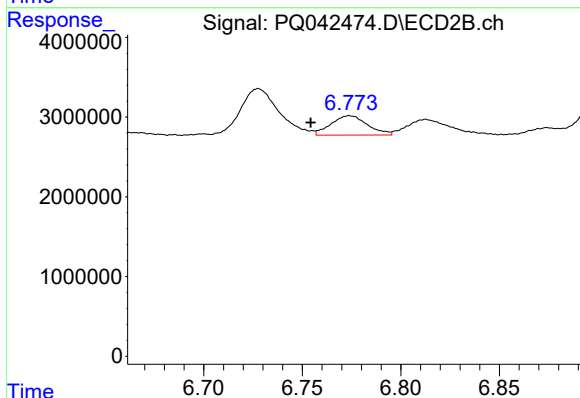
R.T.: 6.524 min
Delta R.T.: 0.022 min
Response: 5889310
Conc: 94.97 ng/ml



#7 AR-1016-5

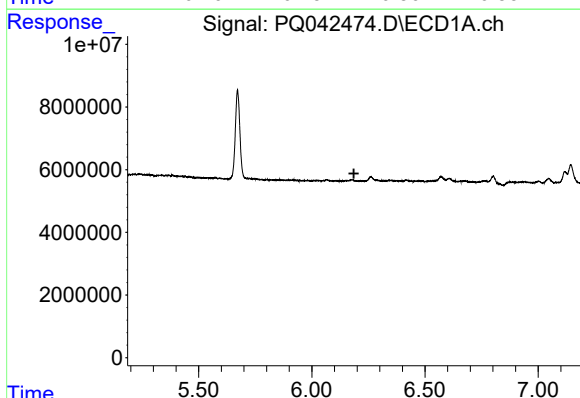
R.T.: 7.662 min
Delta R.T.: -0.003 min
Response: 7036305
Conc: 89.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



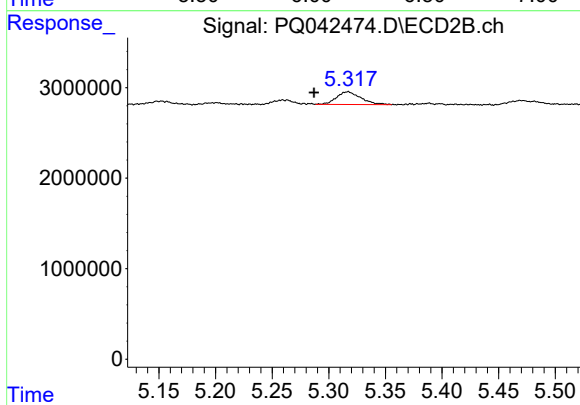
#7 AR-1016-5

R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 3118701
Conc: 38.31 ng/ml



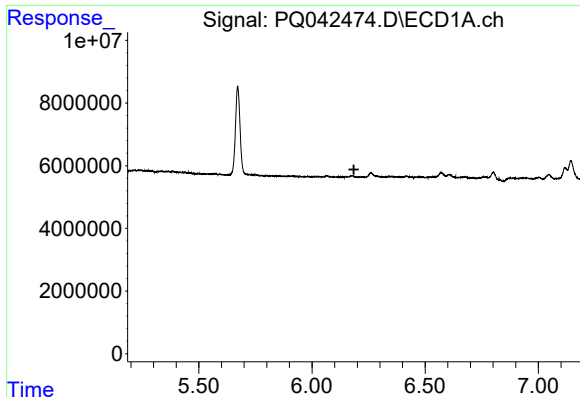
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

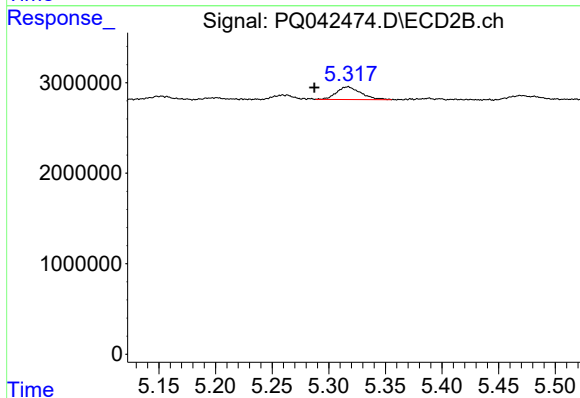
R.T.: 5.317 min
Delta R.T.: 0.030 min
Response: 2106643
Conc: 38.63 ng/ml



#11 AR-1232-1

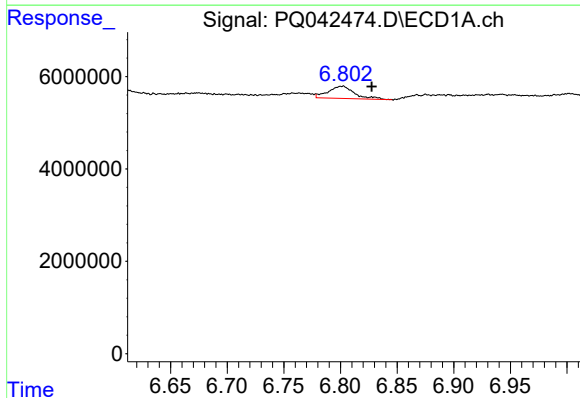
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



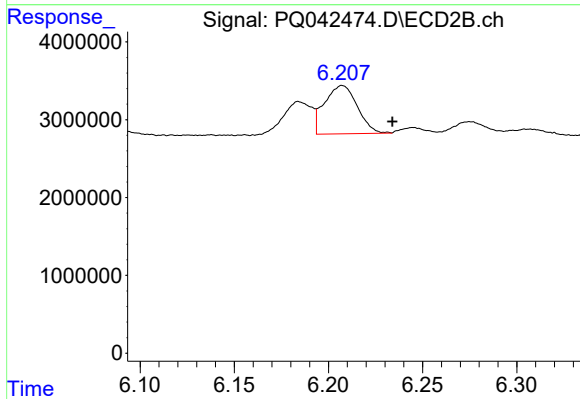
#11 AR-1232-1

R.T.: 5.317 min
Delta R.T.: 0.029 min
Response: 2106643
Conc: 43.63 ng/ml



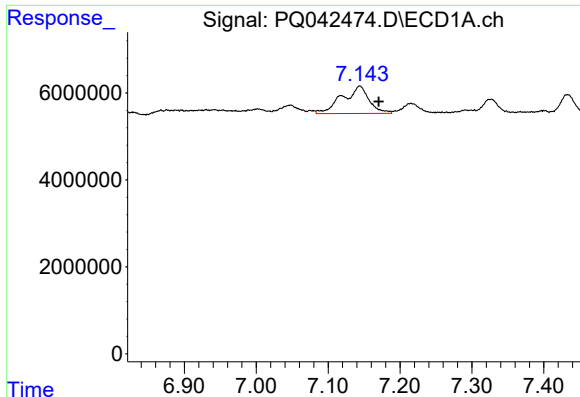
#12 AR-1232-2

R.T.: 6.801 min
Delta R.T.: -0.027 min
Response: 4297832
Conc: 130.81 ng/ml



#12 AR-1232-2

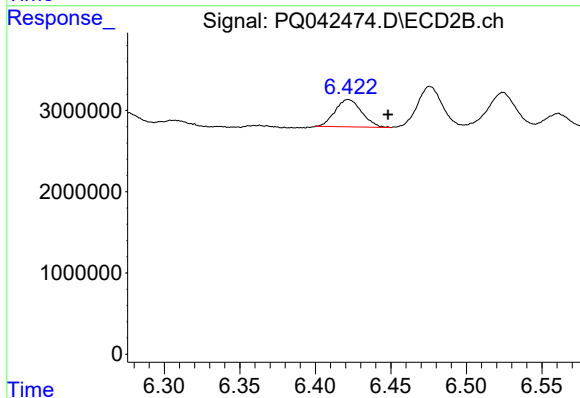
R.T.: 6.207 min
Delta R.T.: -0.027 min
Response: 7539937
Conc: 132.22 ng/ml



#13 AR-1232-3

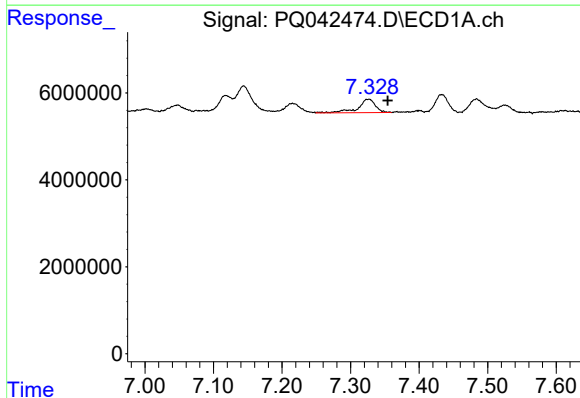
R.T.: 7.144 min
Delta R.T.: -0.026 min
Response: 16419493
Conc: 245.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



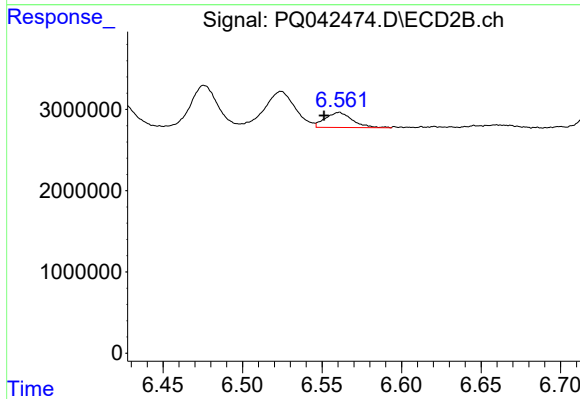
#13 AR-1232-3

R.T.: 6.422 min
Delta R.T.: -0.026 min
Response: 4103998
Conc: 137.63 ng/ml



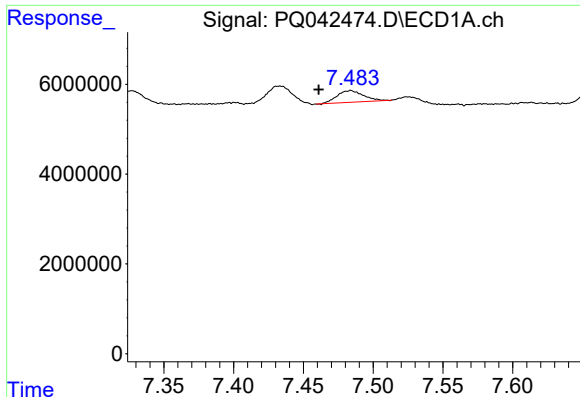
#14 AR-1232-4

R.T.: 7.326 min
Delta R.T.: -0.028 min
Response: 5528508
Conc: 172.35 ng/ml



#14 AR-1232-4

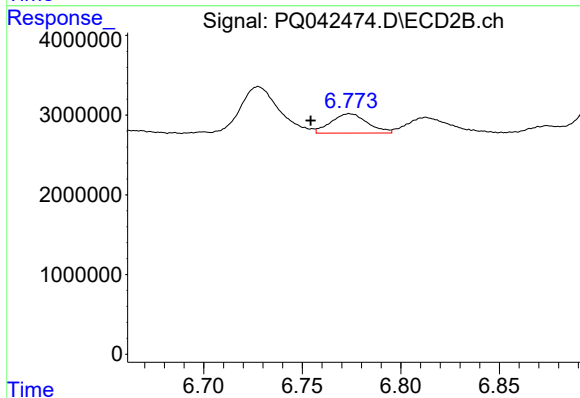
R.T.: 6.561 min
Delta R.T.: 0.009 min
Response: 2189474
Conc: 82.01 ng/ml



#15 AR-1232-5

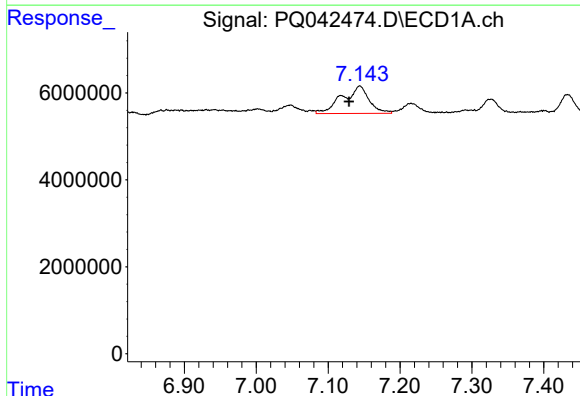
R.T.: 7.483 min
Delta R.T.: 0.023 min
Response: 3445334
Conc: 160.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



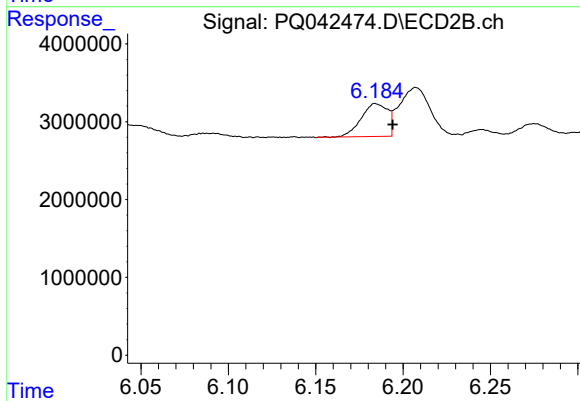
#15 AR-1232-5

R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 3118701
Conc: 106.35 ng/ml



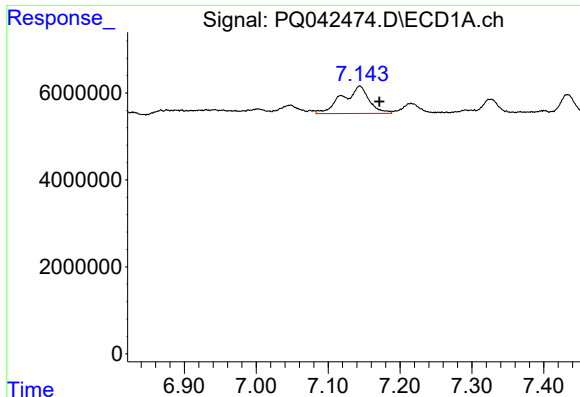
#16 AR-1242-1

R.T.: 7.144 min
Delta R.T.: 0.015 min
Response: 16419493
Conc: 183.56 ng/ml



#16 AR-1242-1

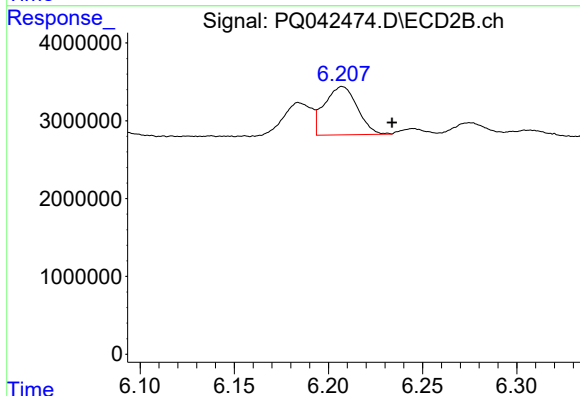
R.T.: 6.184 min
Delta R.T.: -0.010 min
Response: 4432508
Conc: 54.16 ng/ml



#17 AR-1242-2

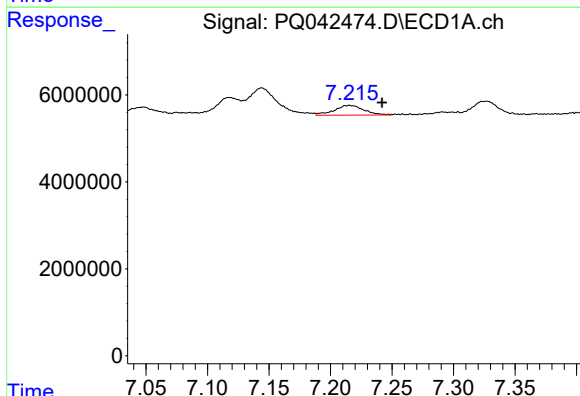
R.T.: 7.144 min
Delta R.T.: -0.027 min
Response: 16419493
Conc: 127.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



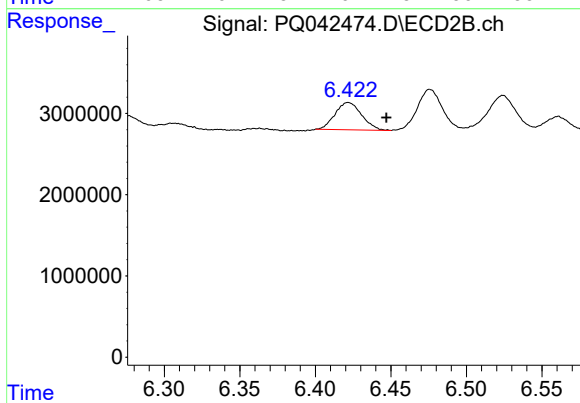
#17 AR-1242-2

R.T.: 6.207 min
Delta R.T.: -0.026 min
Response: 7539937
Conc: 66.76 ng/ml



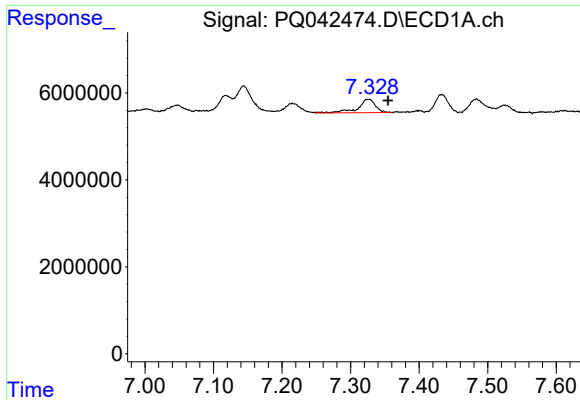
#18 AR-1242-3

R.T.: 7.216 min
Delta R.T.: -0.026 min
Response: 3750030
Conc: 46.25 ng/ml



#18 AR-1242-3

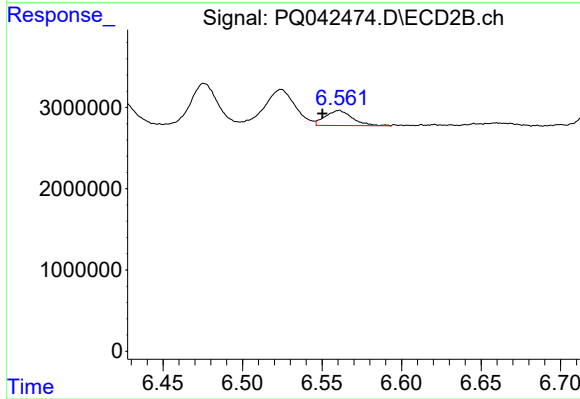
R.T.: 6.422 min
Delta R.T.: -0.025 min
Response: 4103998
Conc: 69.47 ng/ml



#19 AR-1242-4

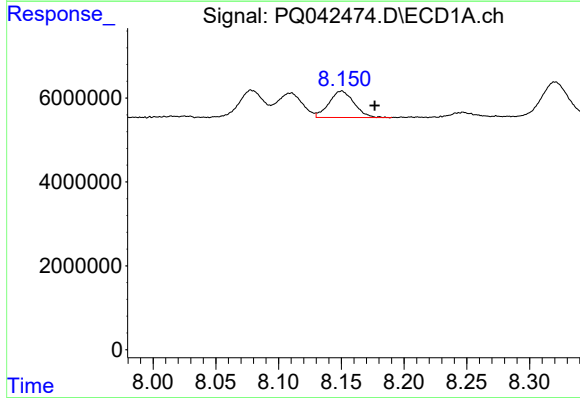
R.T.: 7.326 min
Delta R.T.: -0.029 min
Response: 5528508
Conc: 86.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



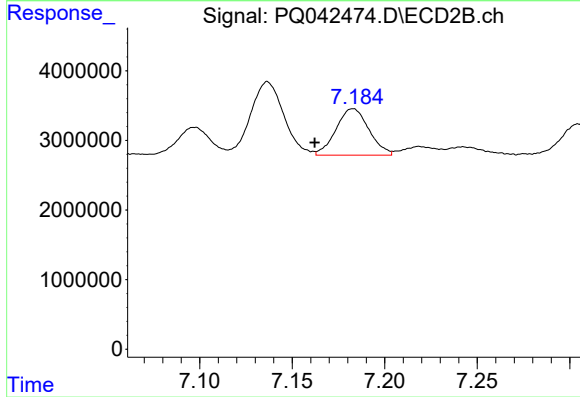
#19 AR-1242-4

R.T.: 6.561 min
Delta R.T.: 0.011 min
Response: 2189474
Conc: 36.92 ng/ml



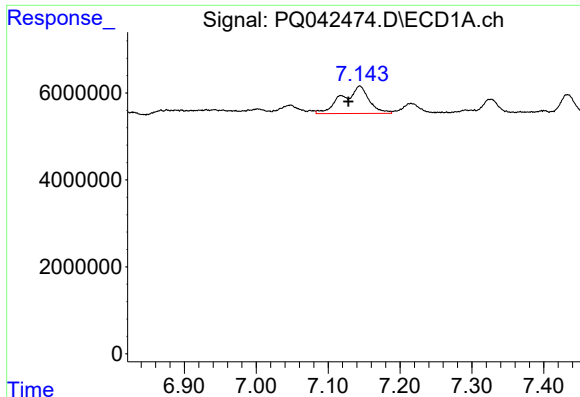
#20 AR-1242-5

R.T.: 8.150 min
Delta R.T.: -0.027 min
Response: 8781722
Conc: 98.98 ng/ml



#20 AR-1242-5

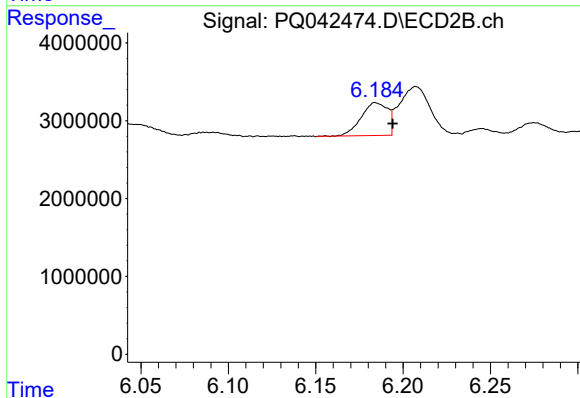
R.T.: 7.183 min
Delta R.T.: 0.021 min
Response: 8271664
Conc: 93.16 ng/ml



#21 AR-1248-1

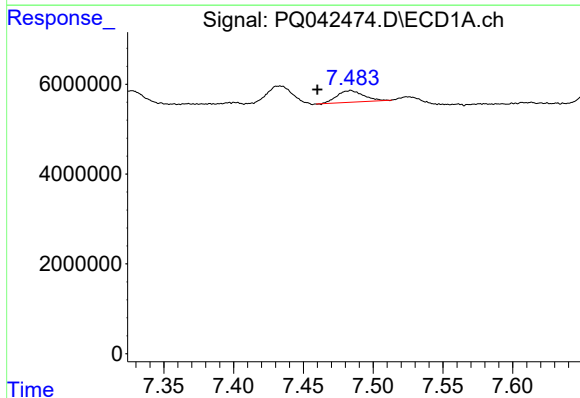
R.T.: 7.144 min
Delta R.T.: 0.016 min
Response: 16419493
Conc: 221.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



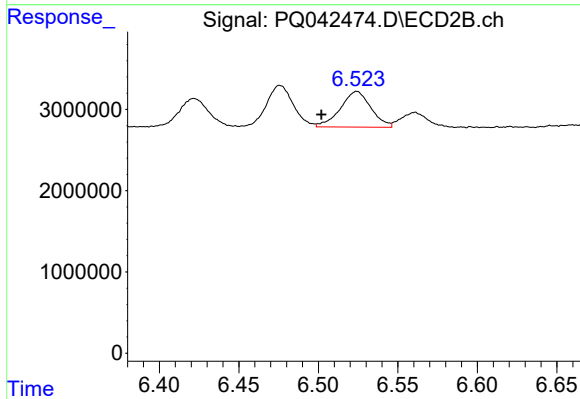
#21 AR-1248-1

R.T.: 6.184 min
Delta R.T.: -0.010 min
Response: 4432508
Conc: 66.85 ng/ml



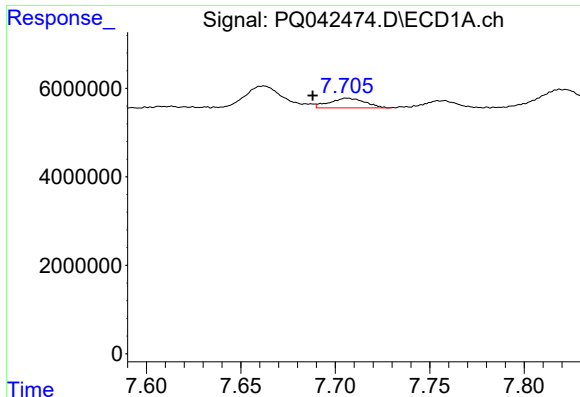
#22 AR-1248-2

R.T.: 7.483 min
Delta R.T.: 0.023 min
Response: 3445334
Conc: 37.34 ng/ml



#22 AR-1248-2

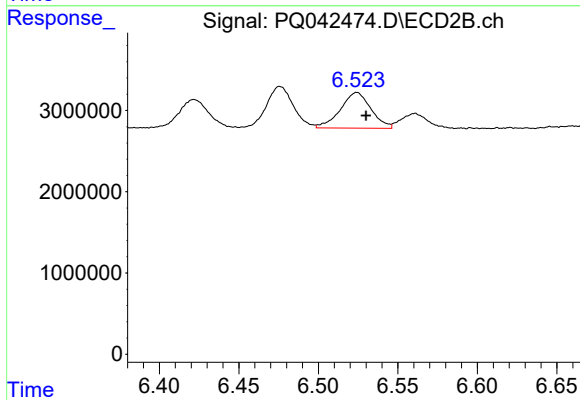
R.T.: 6.524 min
Delta R.T.: 0.022 min
Response: 5889310
Conc: 67.55 ng/ml



#23 AR-1248-3

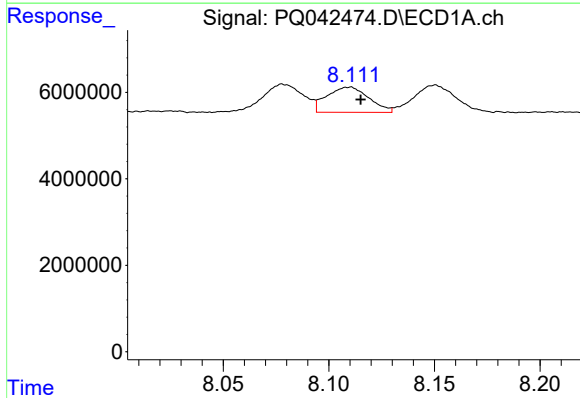
R.T.: 7.707 min
Delta R.T.: 0.019 min
Response: 2891168
Conc: 25.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



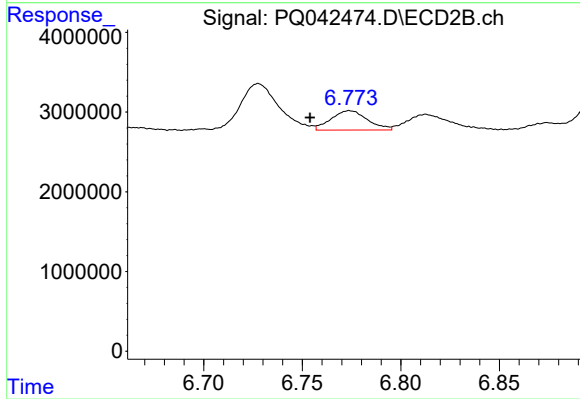
#23 AR-1248-3

R.T.: 6.524 min
Delta R.T.: -0.006 min
Response: 5889310
Conc: 65.98 ng/ml



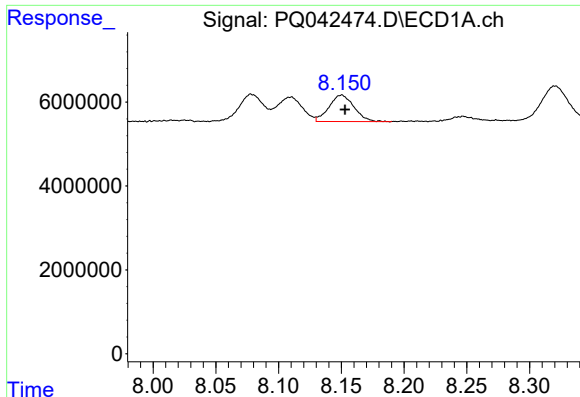
#24 AR-1248-4

R.T.: 8.109 min
Delta R.T.: -0.006 min
Response: 8104928
Conc: 51.84 ng/ml



#24 AR-1248-4

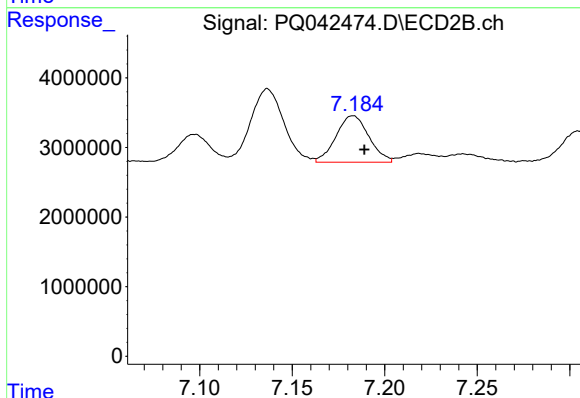
R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 3118701
Conc: 28.32 ng/ml



#25 AR-1248-5

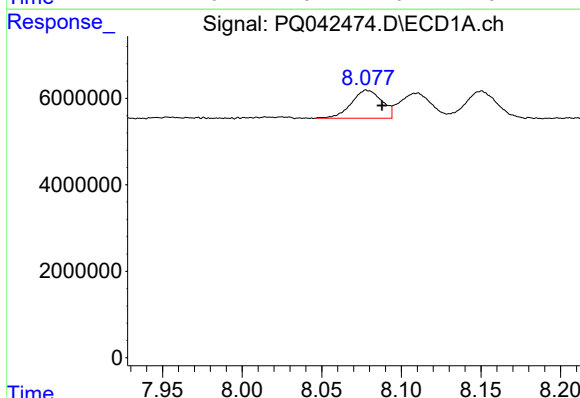
R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 8781722
Conc: 58.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



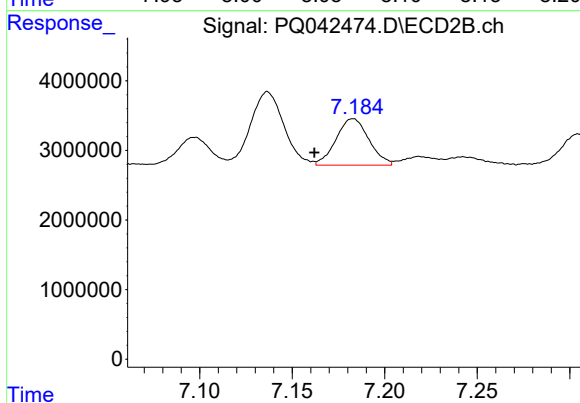
#25 AR-1248-5

R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 8271664
Conc: 64.53 ng/ml



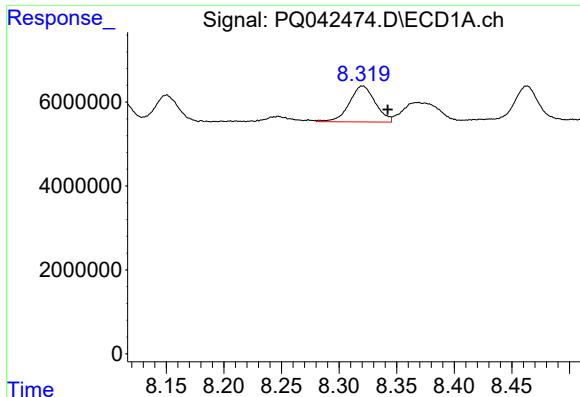
#26 AR-1254-1

R.T.: 8.079 min
Delta R.T.: -0.009 min
Response: 8682916
Conc: 62.42 ng/ml



#26 AR-1254-1

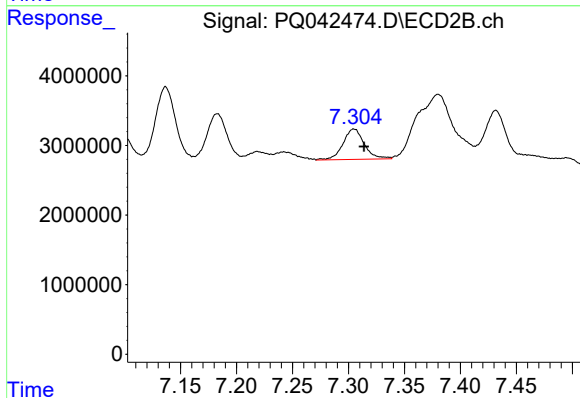
R.T.: 7.183 min
Delta R.T.: 0.021 min
Response: 8271664
Conc: 45.23 ng/ml



#27 AR-1254-2

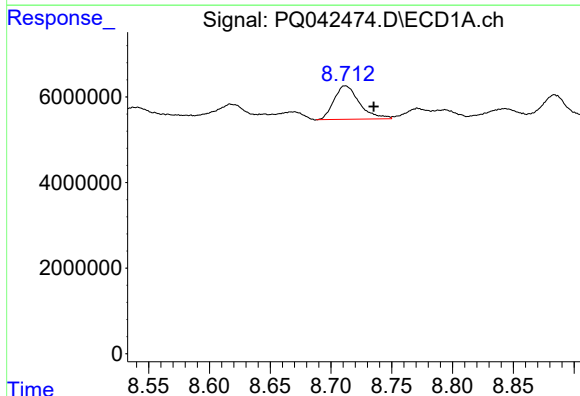
R.T.: 8.320 min
Delta R.T.: -0.022 min
Response: 13492258
Conc: 58.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



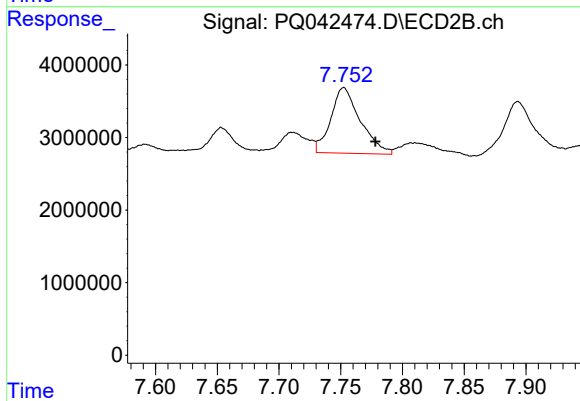
#27 AR-1254-2

R.T.: 7.305 min
Delta R.T.: -0.009 min
Response: 5775231
Conc: 35.68 ng/ml



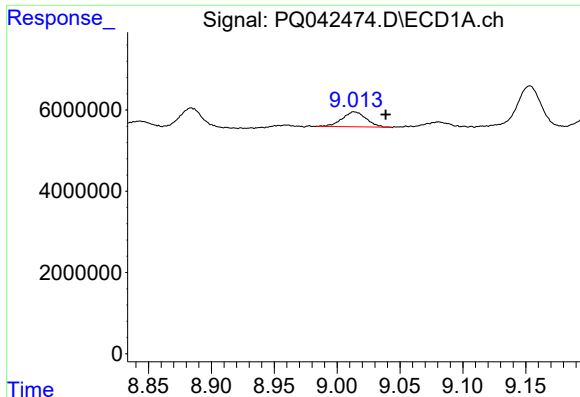
#28 AR-1254-3

R.T.: 8.712 min
Delta R.T.: -0.023 min
Response: 11381351
Conc: 41.62 ng/ml



#28 AR-1254-3

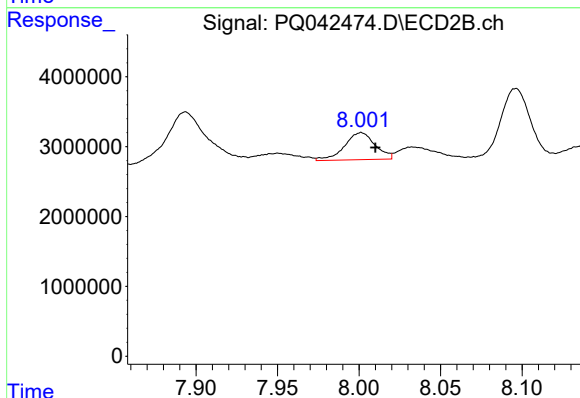
R.T.: 7.752 min
Delta R.T.: -0.026 min
Response: 15063895
Conc: 52.23 ng/ml



#29 AR-1254-4

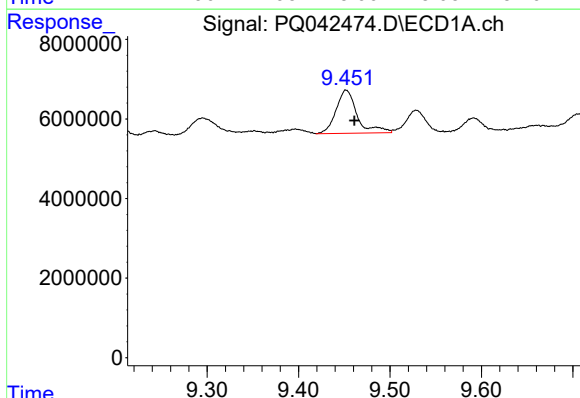
R.T.: 9.014 min
Delta R.T.: -0.025 min
Response: 4901312
Conc: 19.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



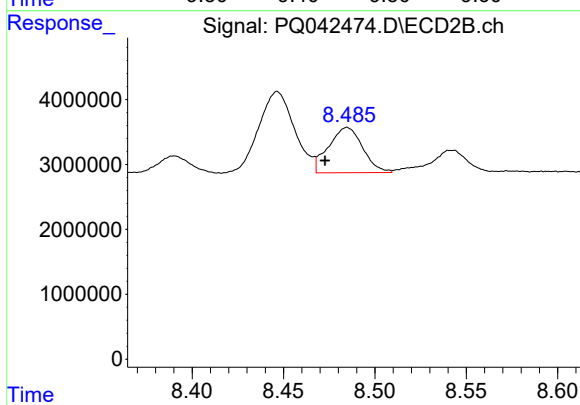
#29 AR-1254-4

R.T.: 8.001 min
Delta R.T.: -0.009 min
Response: 5060275
Conc: 23.31 ng/ml



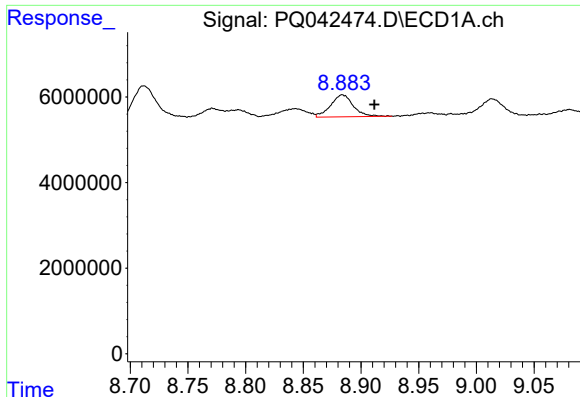
#30 AR-1254-5

R.T.: 9.452 min
Delta R.T.: -0.009 min
Response: 17398991
Conc: 64.24 ng/ml



#30 AR-1254-5

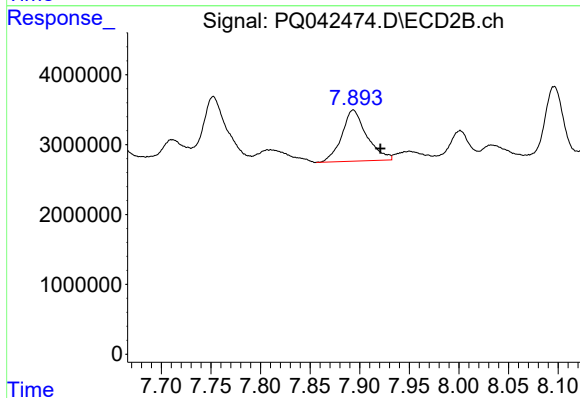
R.T.: 8.485 min
Delta R.T.: 0.012 min
Response: 9057571
Conc: 30.11 ng/ml



#31 AR-1260-1

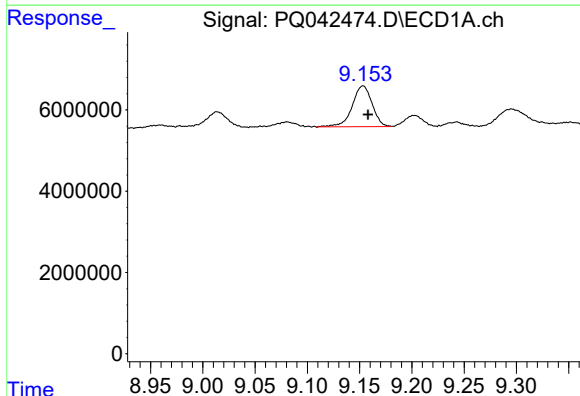
R.T.: 8.884 min
Delta R.T.: -0.028 min
Response: 6989629
Conc: 39.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



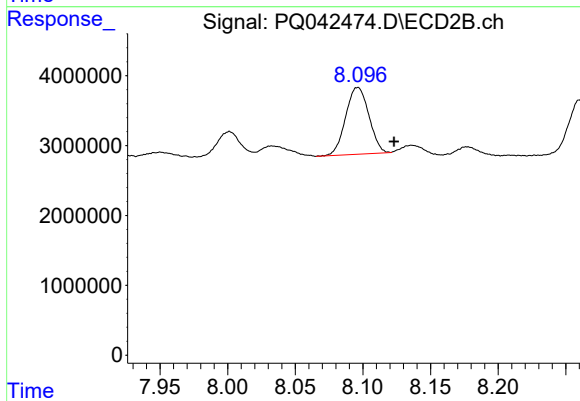
#31 AR-1260-1

R.T.: 7.894 min
Delta R.T.: -0.028 min
Response: 12854969
Conc: 70.85 ng/ml



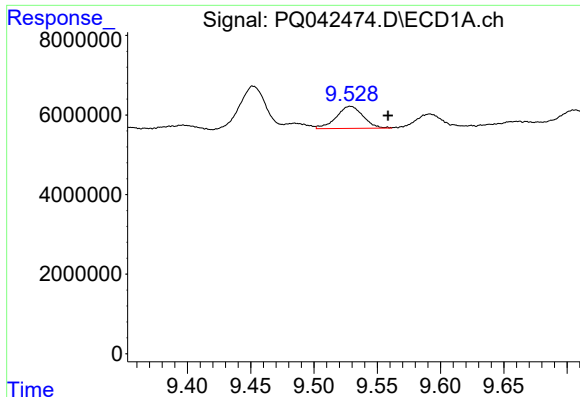
#32 AR-1260-2

R.T.: 9.153 min
Delta R.T.: -0.005 min
Response: 13351117
Conc: 52.92 ng/ml



#32 AR-1260-2

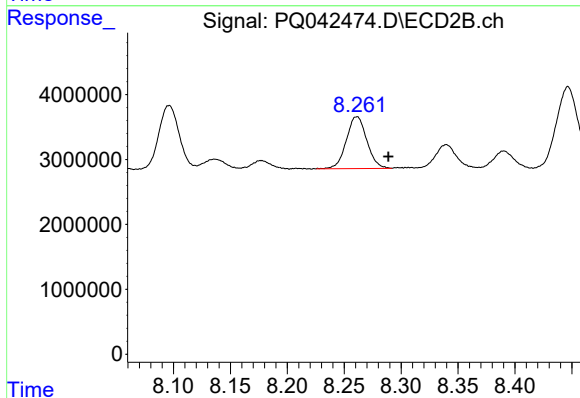
R.T.: 8.096 min
Delta R.T.: -0.027 min
Response: 11412699
Conc: 46.52 ng/ml



#33 AR-1260-3

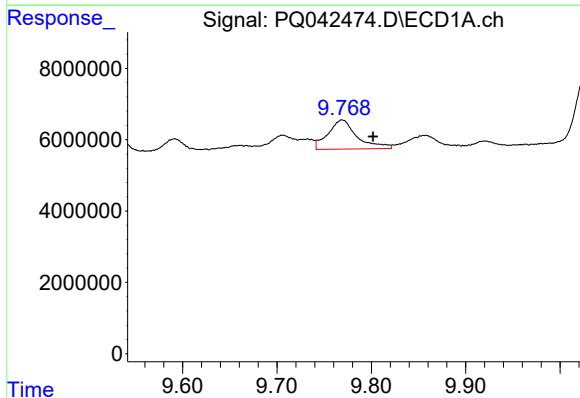
R.T.: 9.529 min
Delta R.T.: -0.030 min
Response: 8176636
Conc: 35.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



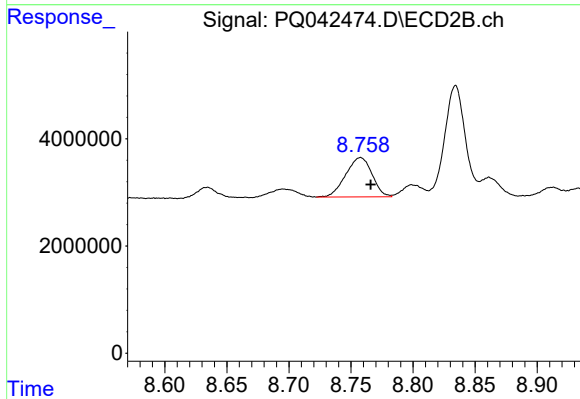
#33 AR-1260-3

R.T.: 8.261 min
Delta R.T.: -0.028 min
Response: 10001704
Conc: 47.01 ng/ml



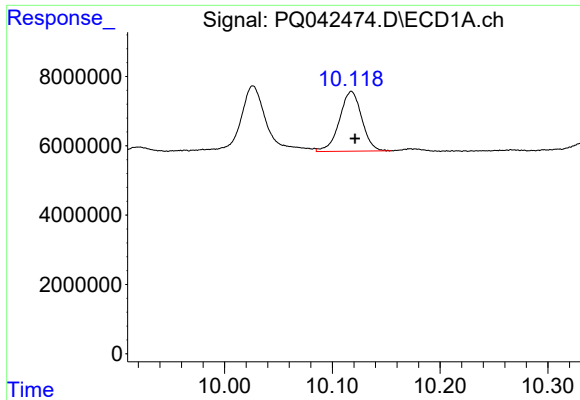
#34 AR-1260-4

R.T.: 9.769 min
Delta R.T.: -0.033 min
Response: 17555496
Conc: 68.75 ng/ml



#34 AR-1260-4

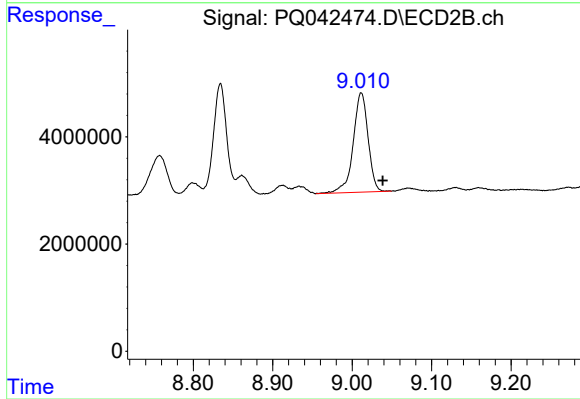
R.T.: 8.758 min
Delta R.T.: -0.008 min
Response: 10808179
Conc: 53.43 ng/ml



#35 AR-1260-5

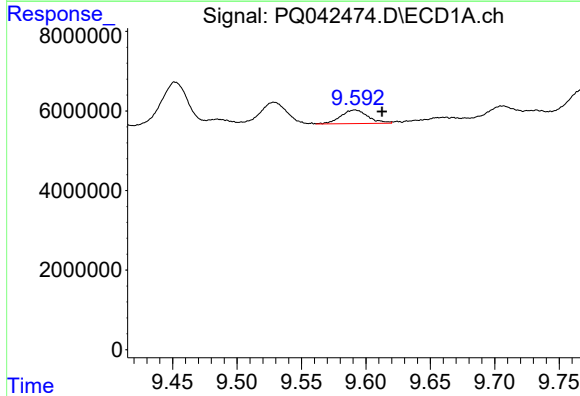
R.T.: 10.118 min
Delta R.T.: -0.003 min
Response: 24794306
Conc: 36.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



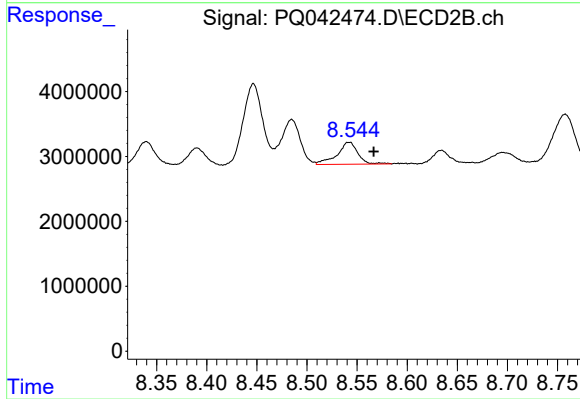
#35 AR-1260-5

R.T.: 9.011 min
Delta R.T.: -0.027 min
Response: 24178523
Conc: 40.97 ng/ml



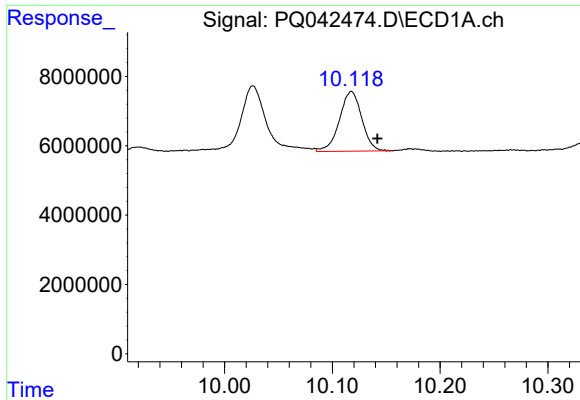
#36 AR-1262-1

R.T.: 9.591 min
Delta R.T.: -0.021 min
Response: 5042129
Conc: 32.81 ng/ml



#36 AR-1262-1

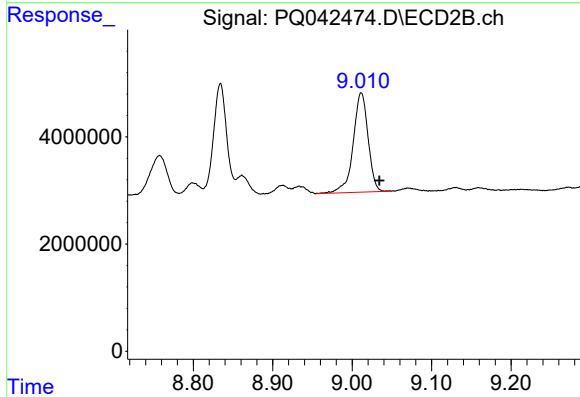
R.T.: 8.542 min
Delta R.T.: -0.025 min
Response: 4856092
Conc: 33.85 ng/ml



#37 AR-1262-2

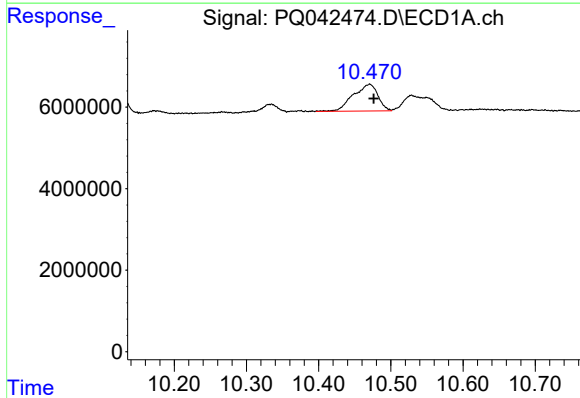
R.T.: 10.118 min
Delta R.T.: -0.024 min
Response: 24794306
Conc: 28.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



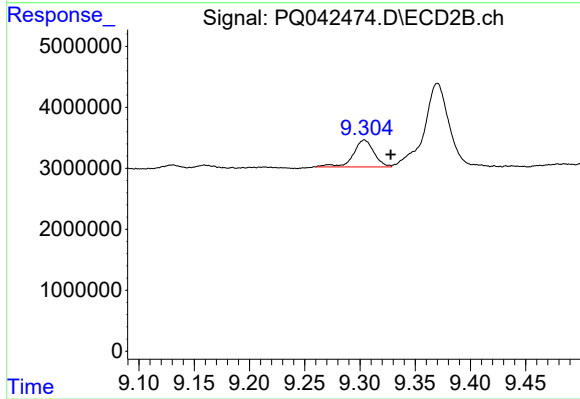
#37 AR-1262-2

R.T.: 9.011 min
Delta R.T.: -0.023 min
Response: 24178523
Conc: 32.63 ng/ml



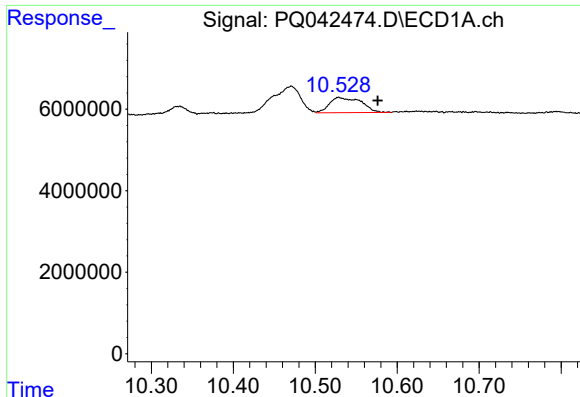
#38 AR-1262-3

R.T.: 10.470 min
Delta R.T.: -0.006 min
Response: 15628993
Conc: 24.61 ng/ml



#38 AR-1262-3

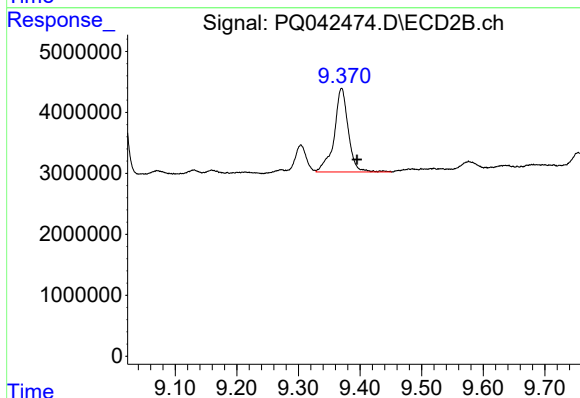
R.T.: 9.304 min
Delta R.T.: -0.024 min
Response: 5740133
Conc: 18.14 ng/ml



#39 AR-1262-4

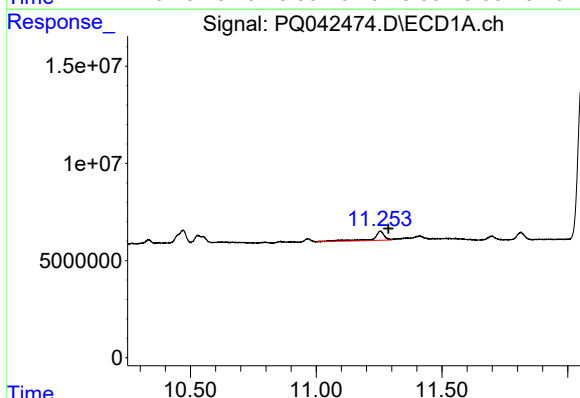
R.T.: 10.530 min
Delta R.T.: -0.047 min
Response: 10073652
Conc: 20.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



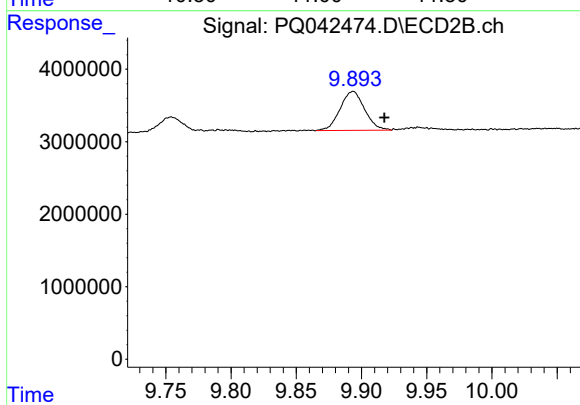
#39 AR-1262-4

R.T.: 9.370 min
Delta R.T.: -0.025 min
Response: 21720156
Conc: 38.62 ng/ml



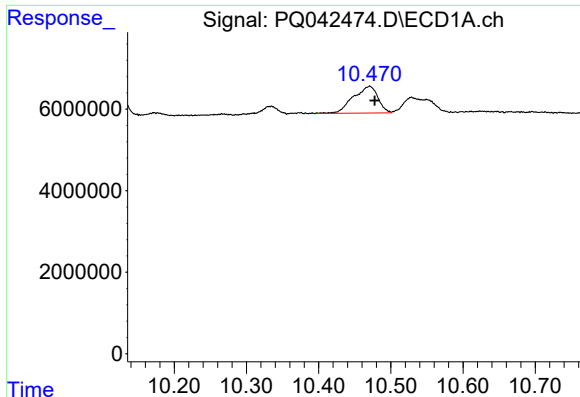
#40 AR-1262-5

R.T.: 11.255 min
Delta R.T.: -0.032 min
Response: 14170340
Conc: 34.81 ng/ml



#40 AR-1262-5

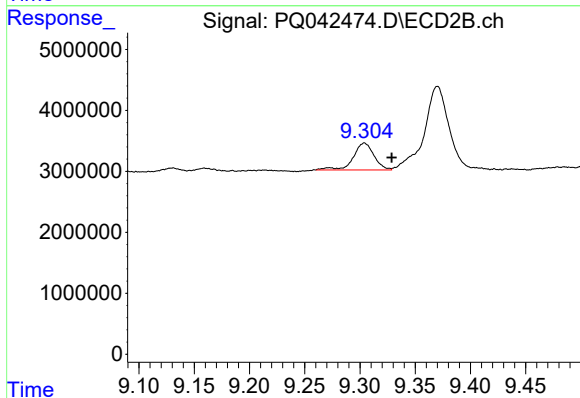
R.T.: 9.894 min
Delta R.T.: -0.024 min
Response: 7047649
Conc: 24.68 ng/ml



#41 AR-1268-1

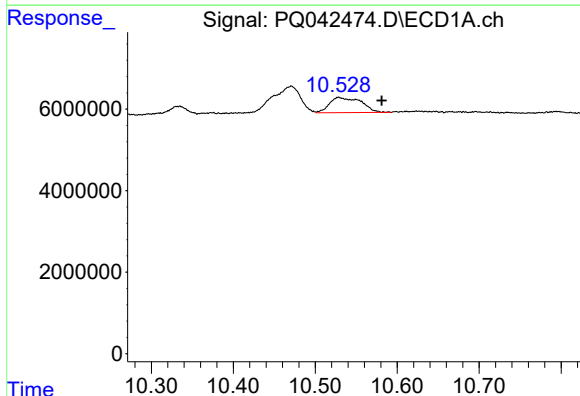
R.T.: 10.470 min
Delta R.T.: -0.008 min
Response: 15628993
Conc: 10.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



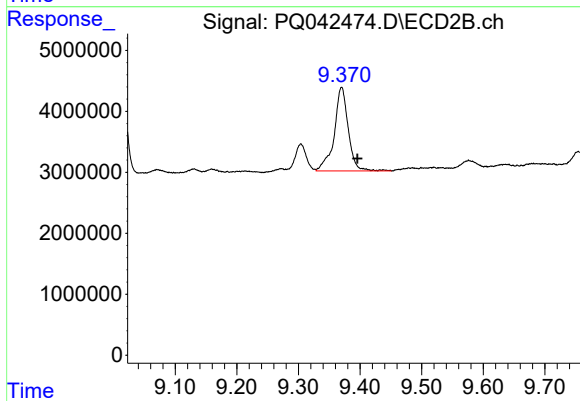
#41 AR-1268-1

R.T.: 9.304 min
Delta R.T.: -0.025 min
Response: 5740133
Conc: 5.02 ng/ml



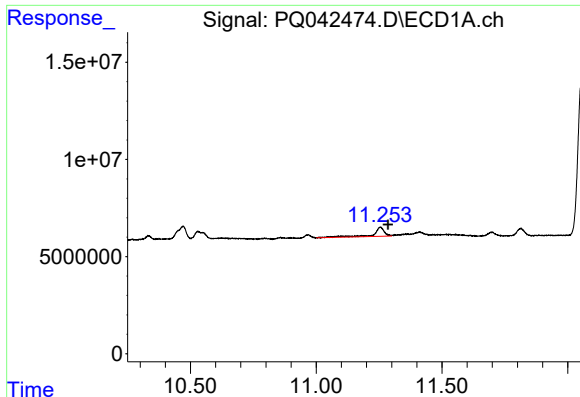
#42 AR-1268-2

R.T.: 10.530 min
Delta R.T.: -0.052 min
Response: 10073652
Conc: 7.64 ng/ml



#42 AR-1268-2

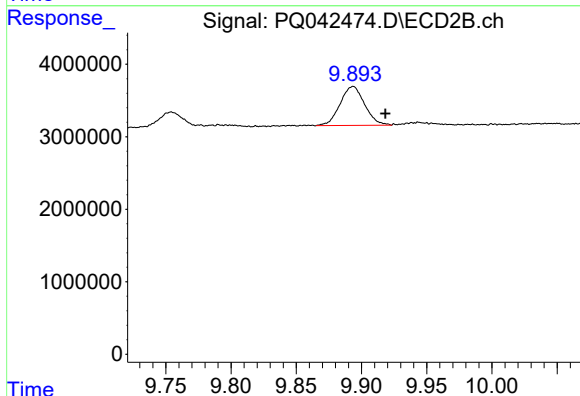
R.T.: 9.370 min
Delta R.T.: -0.026 min
Response: 21720156
Conc: 21.16 ng/ml



#44 AR-1268-4

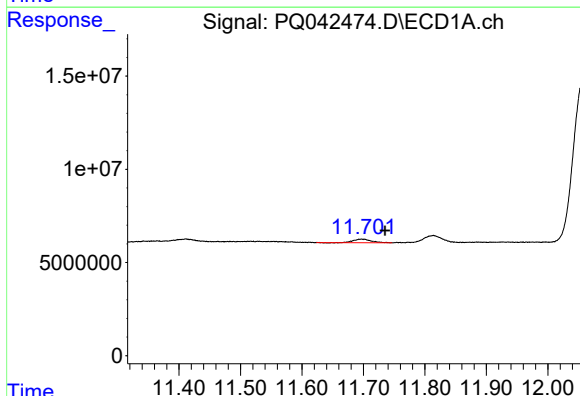
R.T.: 11.255 min
Delta R.T.: -0.032 min
Response: 14170340
Conc: 26.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



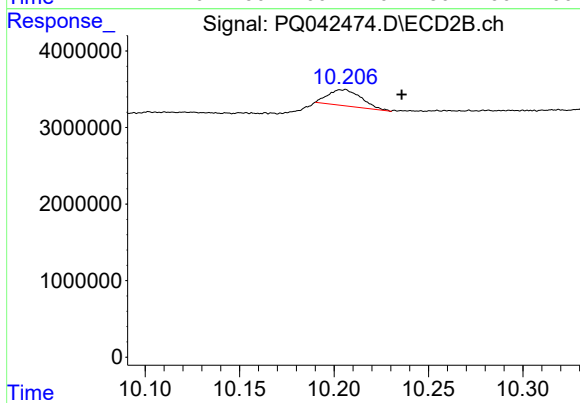
#44 AR-1268-4

R.T.: 9.894 min
Delta R.T.: -0.025 min
Response: 7047649
Conc: 18.32 ng/ml



#45 AR-1268-5

R.T.: 11.698 min
Delta R.T.: -0.037 min
Response: 3636695
Conc: 0.90 ng/ml



#45 AR-1268-5

R.T.: 10.205 min
Delta R.T.: -0.031 min
Response: 2569014
Conc: 0.99 ng/ml