

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091219\
 Data File : PQ043527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2019 19:38
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 15:47:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 13 03:48:31 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.697	4.784	122.7E6	49127320	48.437	47.745
2)	SA Decachlor...	12.090	10.560	373.9E6	166.0E6	45.161	44.131
Target Compounds							
3)	L1 AR-1016-1	7.140	6.239	49758663	21059963	481.822	466.417
4)	L1 AR-1016-2	7.165	6.262	72287515	28026961	492.887	478.259
5)	L1 AR-1016-3	7.237	6.476	44827677	15045496	488.471	470.628
6)	L1 AR-1016-4	7.349	6.530	36777725	12693104	499.703	466.235
7)	L1 AR-1016-5	7.684	6.783	38371138	17032159	496.380	482.431
8)	L2 AR-1221-1	5.970	5.090	5055043	1312719	171.980	119.123 #
9)	L2 AR-1221-2	6.085	5.208	5943582	2217029	271.573	256.180
10)	L2 AR-1221-3	6.180	5.314	22947356	8652426	329.582	301.328
11)	L3 AR-1232-1	6.180	5.314	22947356	8652426	233.874	212.220
12)	L3 AR-1232-2	6.824	6.262	33274061	28026961	616.672	600.861
13)	L3 AR-1232-3	7.165	6.476	72287515	15045496	634.280	601.165
14)	L3 AR-1232-4	7.349	6.580	36777725	15858950	634.696	676.507
15)	L3 AR-1232-5	7.455	6.783	33730358	17032159	833.250	663.740
16)	L4 AR-1242-1	7.140	6.239	49758663	21059963	558.865	537.566
17)	L4 AR-1242-2	7.165	6.262	72287515	28026961	564.267	558.066
18)	L4 AR-1242-3	7.237	6.476	44827677	15045496	556.968	542.035
19)	L4 AR-1242-4	7.349	6.580	36777725	15858950	561.015	550.486
20)	L4 AR-1242-5	8.173	7.192	7654165	13467285	84.349	320.528 #
21)	L5 AR-1248-1	7.140	6.239	49758663	21059963	797.634	787.565
22)	L5 AR-1248-2	7.455	6.530	33730358	12693104	370.181	348.999
23)	L5 AR-1248-3	7.684	6.580	38371138	15858950	369.862	418.278
24)	L5 AR-1248-4	8.129	6.783	8074160	17032159	59.431	368.503 #
25)	L5 AR-1248-5	8.173	7.238	7654165	2292425	57.734	44.397
26)	L6 AR-1254-1	8.101	7.192	28897943	13467285	196.564	151.262
27)	L6 AR-1254-2	8.339	7.360	33559799	13320337	137.098	163.819
28)	L6 AR-1254-3	8.732	7.825	21913230	27830319	75.990	197.078 #
29)	L6 AR-1254-4	9.035	8.057	16374380	4549288	70.138	46.653 #
30)	L6 AR-1254-5	9.473	8.503	142.0E6	58960298	533.937	424.931
31)	L7 AR-1260-1	8.906	7.950	88587735	39183651	477.886	480.718
32)	L7 AR-1260-2	9.177	8.154	113.1E6	50352126	479.846	474.558
33)	L7 AR-1260-3	9.552	8.319	92343974	46623844	484.067	486.679
34)	L7 AR-1260-4	9.794	8.818	113.7E6	42128380	492.381	481.475
35)	L7 AR-1260-5	10.139	9.068	256.5E6	100.5E6	484.926	458.396
36)	L8 AR-1262-1	9.552	8.544	92343974	44572864	292.136	317.642
37)	L8 AR-1262-2	10.139	9.068	256.5E6	100.5E6	375.633	387.170
38)	L8 AR-1262-3	10.492	9.364	172.1E6	25512097	363.125	216.918 #
39)	L8 AR-1262-4	10.553	9.429	108.6E6	88768660	301.429	374.137
40)	L8 AR-1262-5	11.280	9.955	93225559	46990778	313.830	321.463
41)	L9 AR-1268-1	10.492	9.364	172.1E6	25512097	214.327	78.655 #

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 Acq On : 12 Sep 2019 19:38
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

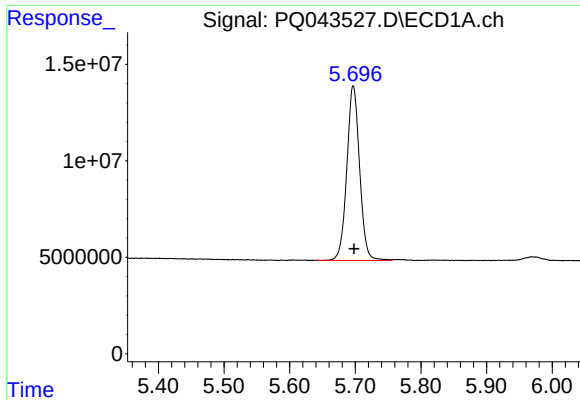
Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 15:47:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091219.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	10.553	9.429	108.6E6	88768660	140.954	283.503 #
43) L9	AR-1268-3	10.819	9.647	7561224	2931279	11.468	10.370
44) L9	AR-1268-4	11.280	9.955	93225559	46990778	290.368	297.713
45) L9	AR-1268-5	11.726	10.276	32446976	14215908	12.200	11.672

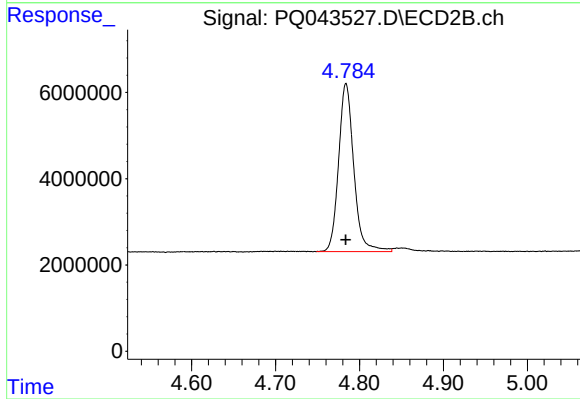
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

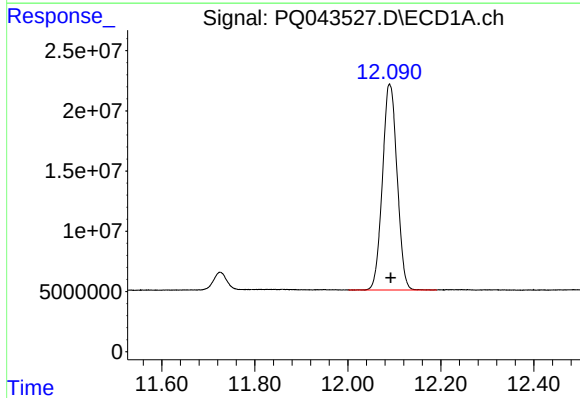
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 122685690
Conc: 48.44 ng/ml

Instrument :
ECD_S
ClientSampleId :



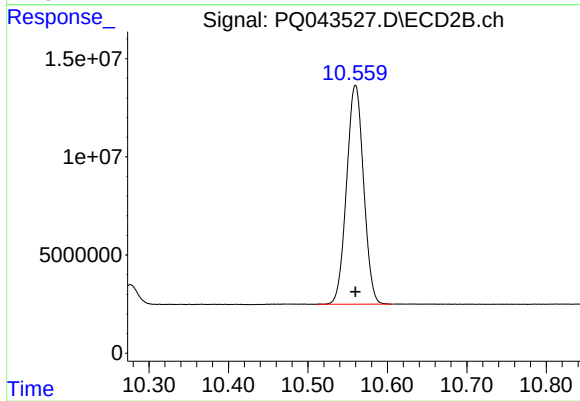
#1 Tetrachloro-m-xylene

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 49127320
Conc: 47.75 ng/ml



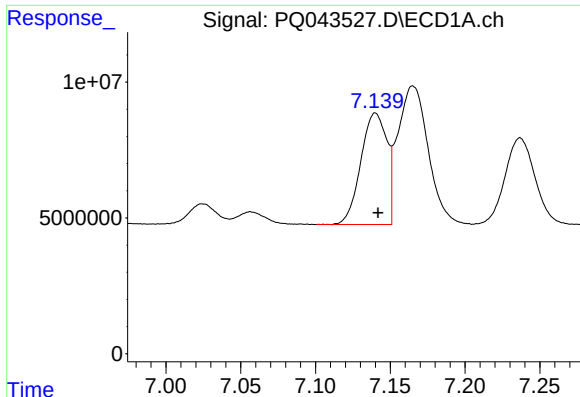
#2 Decachlorobiphenyl

R.T.: 12.090 min
Delta R.T.: -0.002 min
Response: 373923048
Conc: 45.16 ng/ml



#2 Decachlorobiphenyl

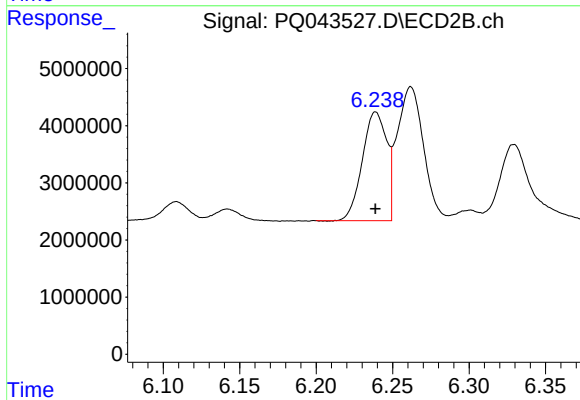
R.T.: 10.560 min
Delta R.T.: 0.000 min
Response: 165980726
Conc: 44.13 ng/ml



#3 AR-1016-1

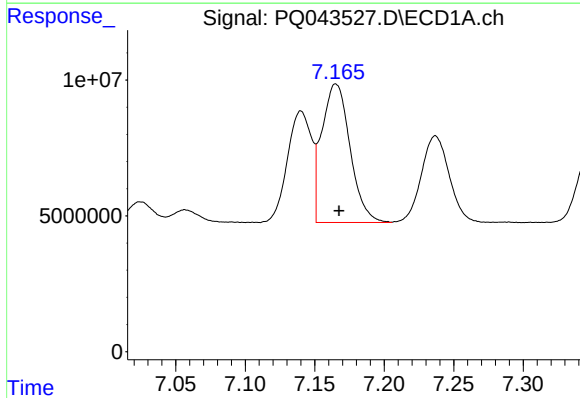
R.T.: 7.140 min
Delta R.T.: -0.002 min
Response: 49758663
Conc: 481.82 ng/ml

Instrument :
ECD_S
ClientSampleId :



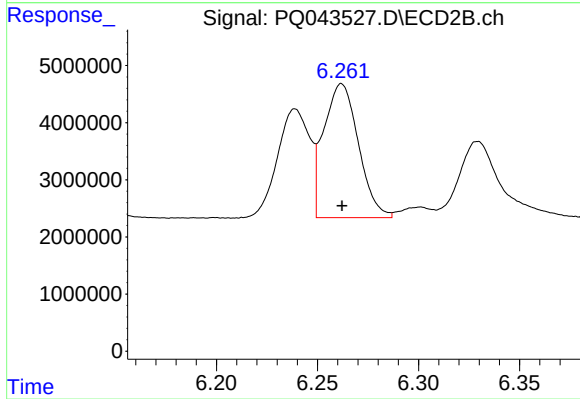
#3 AR-1016-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 21059963
Conc: 466.42 ng/ml



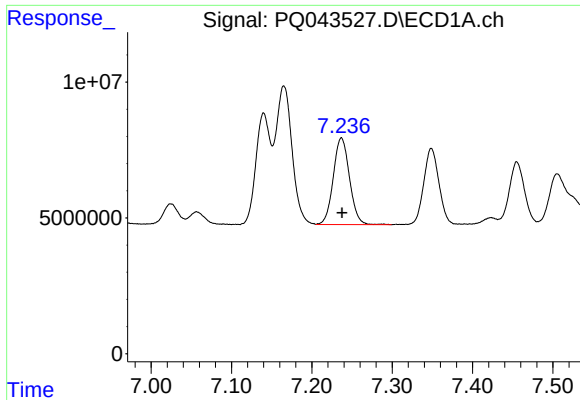
#4 AR-1016-2

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 72287515
Conc: 492.89 ng/ml



#4 AR-1016-2

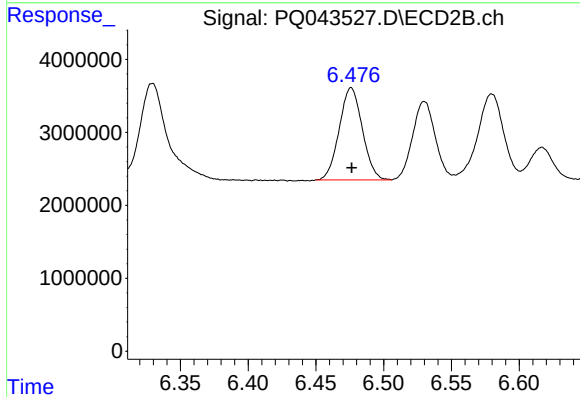
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 28026961
Conc: 478.26 ng/ml



#5 AR-1016-3

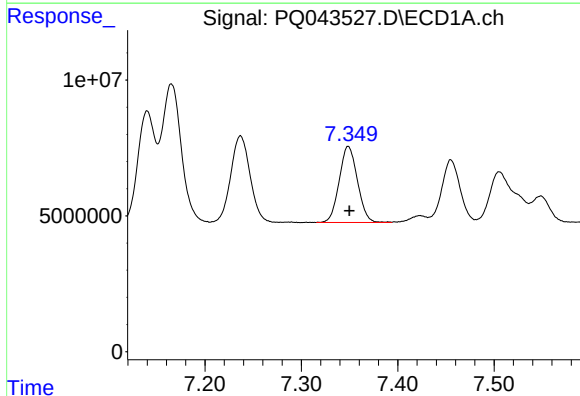
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 44827677
Conc: 488.47 ng/ml

Instrument :
ECD_S
ClientSampleId :



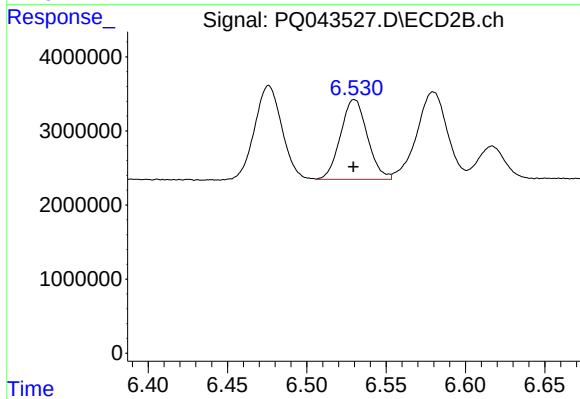
#5 AR-1016-3

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 15045496
Conc: 470.63 ng/ml



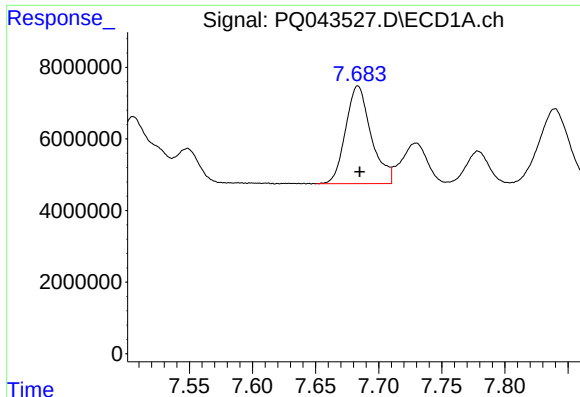
#6 AR-1016-4

R.T.: 7.349 min
Delta R.T.: -0.001 min
Response: 36777725
Conc: 499.70 ng/ml



#6 AR-1016-4

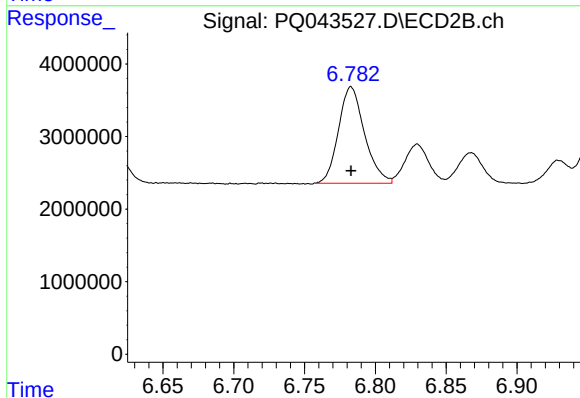
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 12693104
Conc: 466.24 ng/ml



#7 AR-1016-5

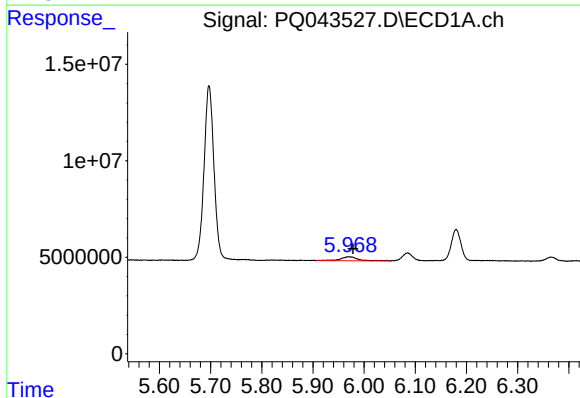
R.T.: 7.684 min
Delta R.T.: -0.001 min
Response: 38371138
Conc: 496.38 ng/ml

Instrument :
ECD_S
ClientSampleId :



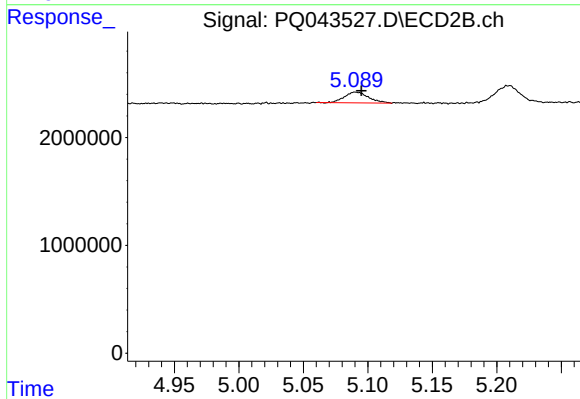
#7 AR-1016-5

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 17032159
Conc: 482.43 ng/ml



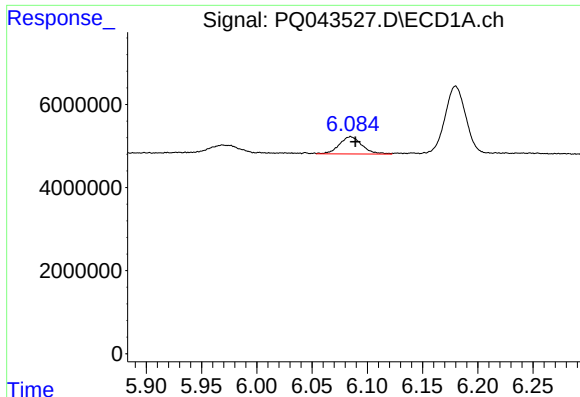
#8 AR-1221-1

R.T.: 5.970 min
Delta R.T.: -0.008 min
Response: 5055043
Conc: 171.98 ng/ml



#8 AR-1221-1

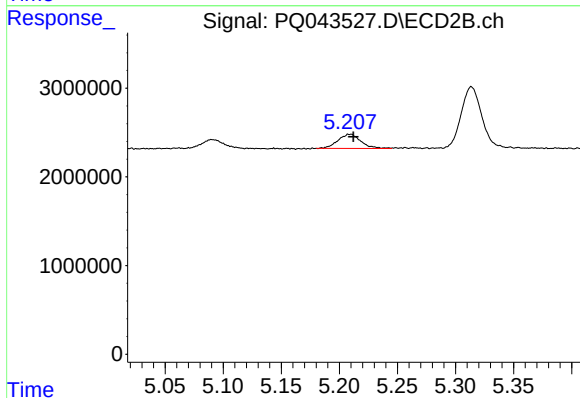
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 1312719
Conc: 119.12 ng/ml



#9 AR-1221-2

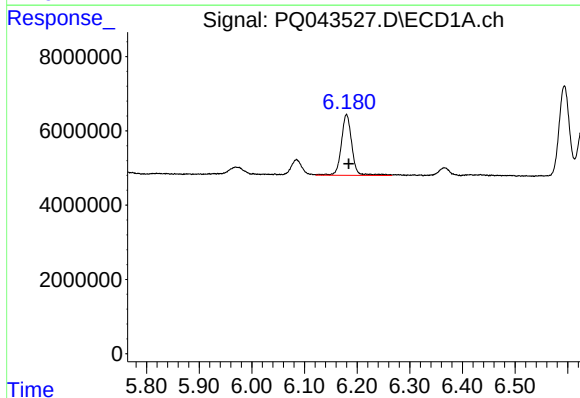
R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 5943582
Conc: 271.57 ng/ml

Instrument :
ECD_S
ClientSampleId :



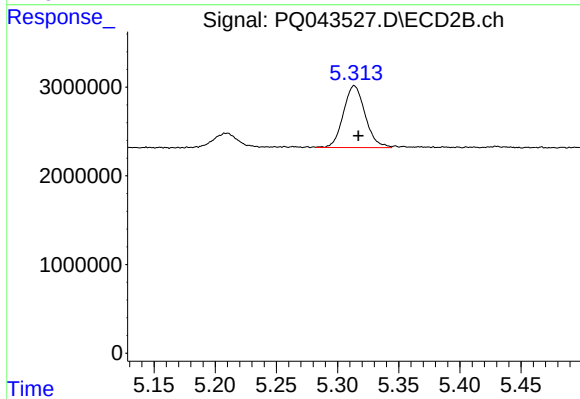
#9 AR-1221-2

R.T.: 5.208 min
Delta R.T.: -0.004 min
Response: 2217029
Conc: 256.18 ng/ml



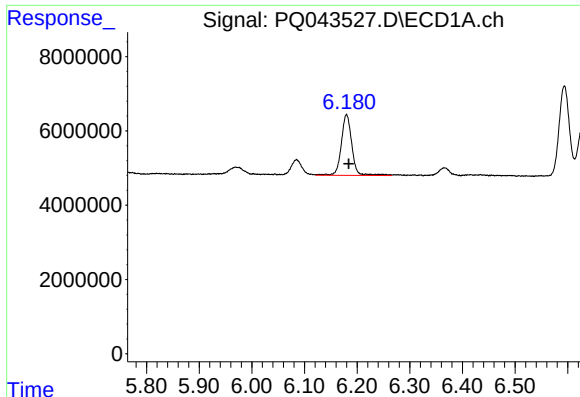
#10 AR-1221-3

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 22947356
Conc: 329.58 ng/ml



#10 AR-1221-3

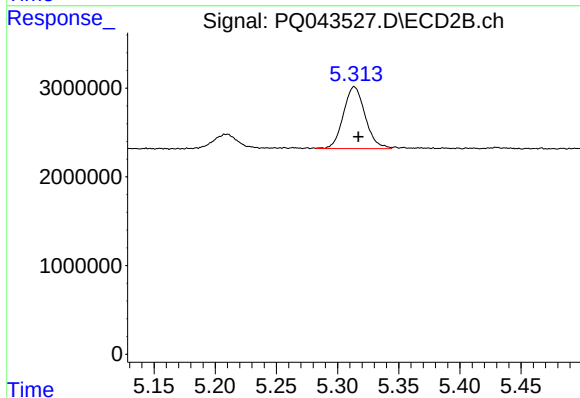
R.T.: 5.314 min
Delta R.T.: -0.003 min
Response: 8652426
Conc: 301.33 ng/ml



#11 AR-1232-1

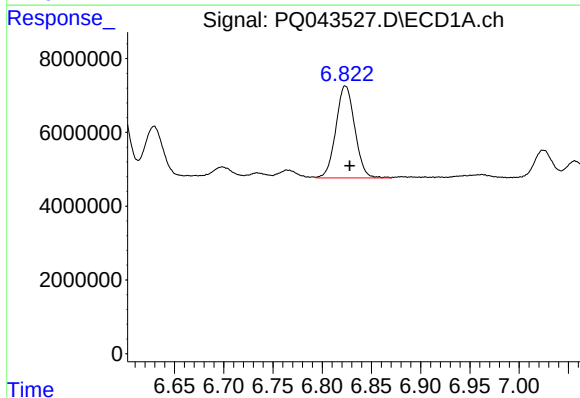
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 22947356
Conc: 233.87 ng/ml

Instrument :
ECD_S
ClientSampleId :



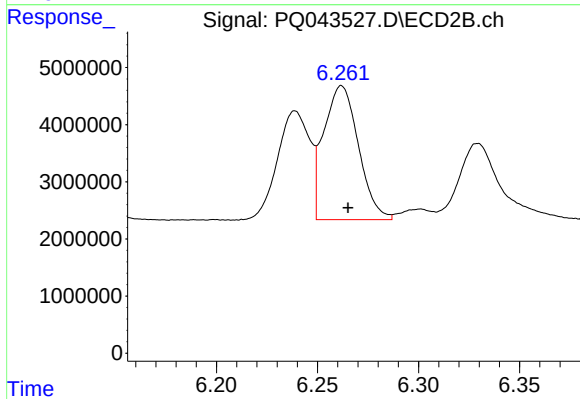
#11 AR-1232-1

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 8652426
Conc: 212.22 ng/ml



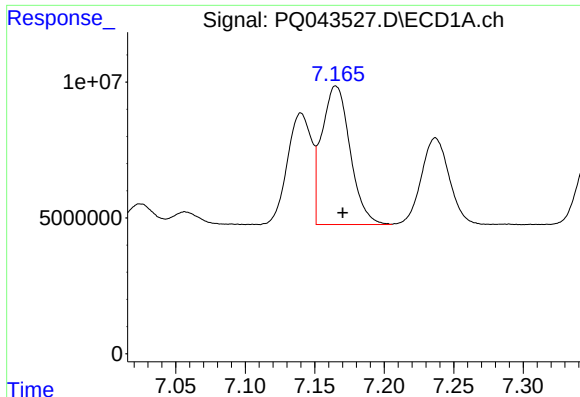
#12 AR-1232-2

R.T.: 6.824 min
Delta R.T.: -0.004 min
Response: 33274061
Conc: 616.67 ng/ml



#12 AR-1232-2

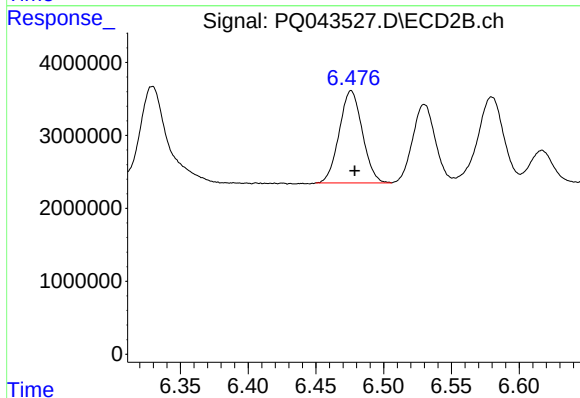
R.T.: 6.262 min
Delta R.T.: -0.003 min
Response: 28026961
Conc: 600.86 ng/ml



#13 AR-1232-3

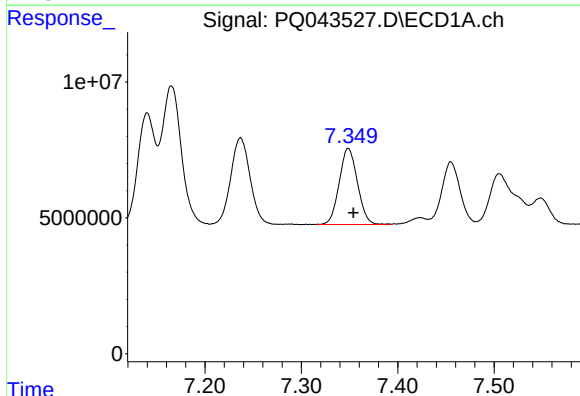
R.T.: 7.165 min
Delta R.T.: -0.005 min
Response: 72287515
Conc: 634.28 ng/ml

Instrument :
ECD_S
ClientSampleId :



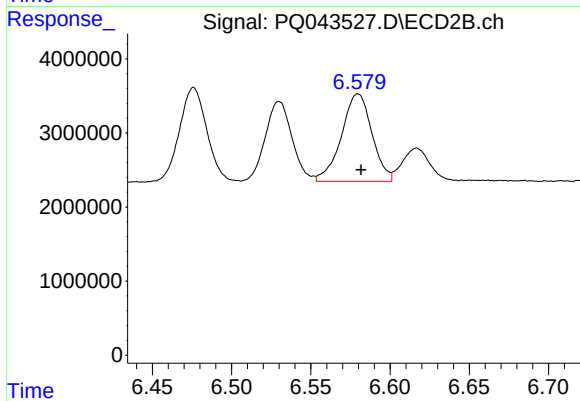
#13 AR-1232-3

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 15045496
Conc: 601.17 ng/ml



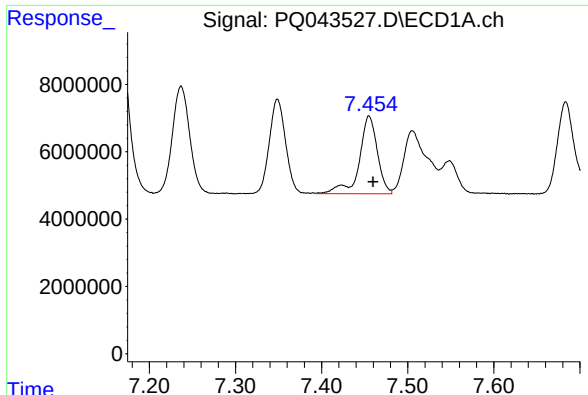
#14 AR-1232-4

R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 36777725
Conc: 634.70 ng/ml



#14 AR-1232-4

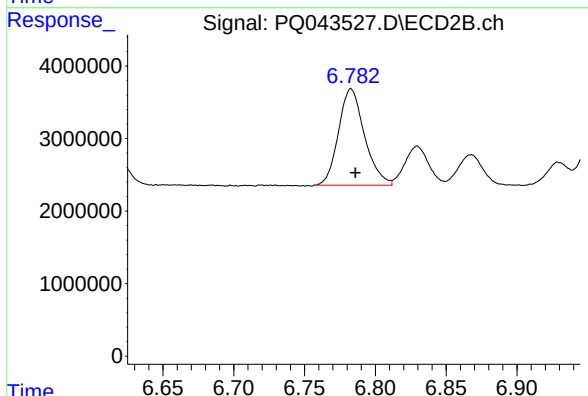
R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 15858950
Conc: 676.51 ng/ml



#15 AR-1232-5

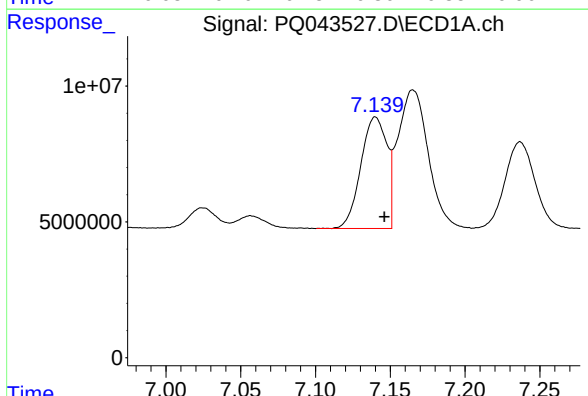
R.T.: 7.455 min
Delta R.T.: -0.004 min
Response: 33730358
Conc: 833.25 ng/ml

Instrument :
ECD_S
ClientSampleId :



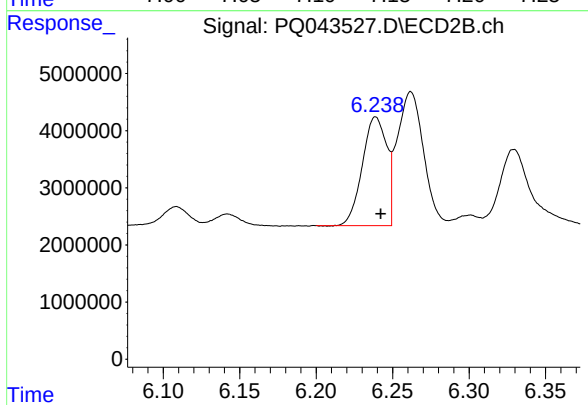
#15 AR-1232-5

R.T.: 6.783 min
Delta R.T.: -0.003 min
Response: 17032159
Conc: 663.74 ng/ml



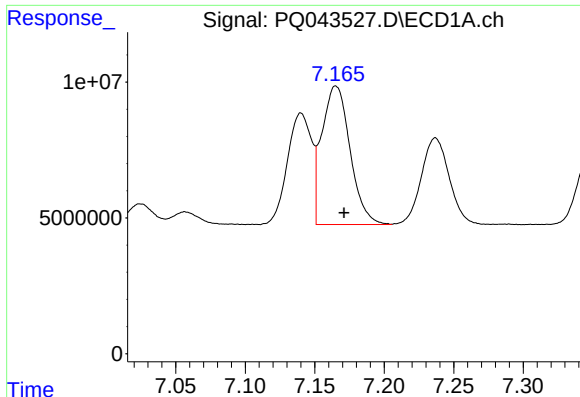
#16 AR-1242-1

R.T.: 7.140 min
Delta R.T.: -0.006 min
Response: 49758663
Conc: 558.87 ng/ml



#16 AR-1242-1

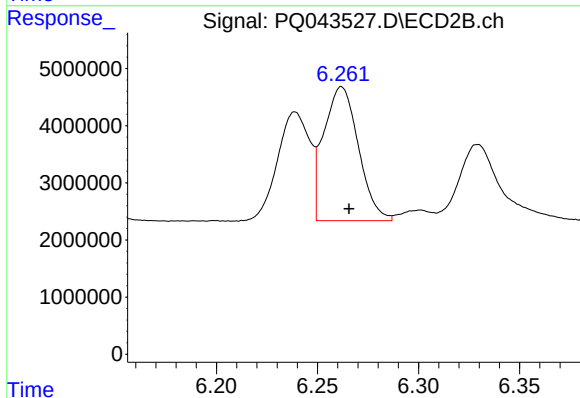
R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 21059963
Conc: 537.57 ng/ml



#17 AR-1242-2

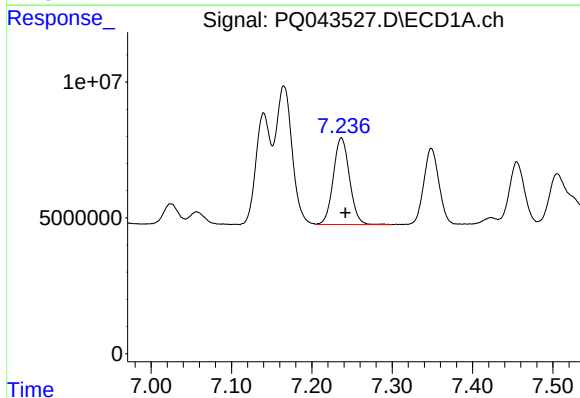
R.T.: 7.165 min
Delta R.T.: -0.006 min
Response: 72287515
Conc: 564.27 ng/ml

Instrument :
ECD_S
ClientSampleId :



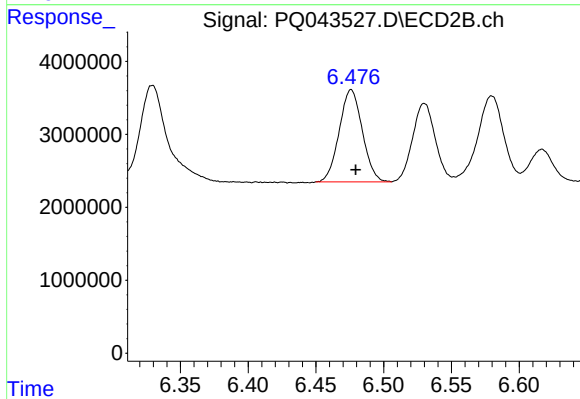
#17 AR-1242-2

R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 28026961
Conc: 558.07 ng/ml



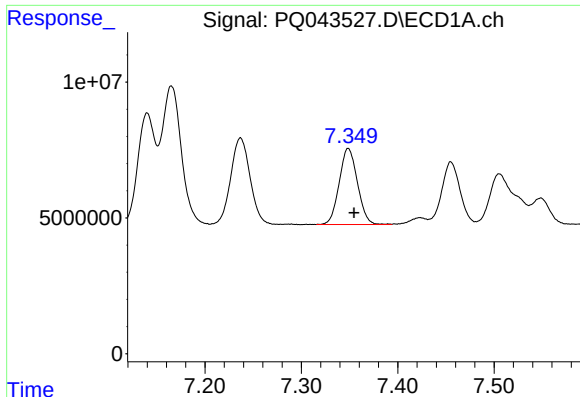
#18 AR-1242-3

R.T.: 7.237 min
Delta R.T.: -0.005 min
Response: 44827677
Conc: 556.97 ng/ml



#18 AR-1242-3

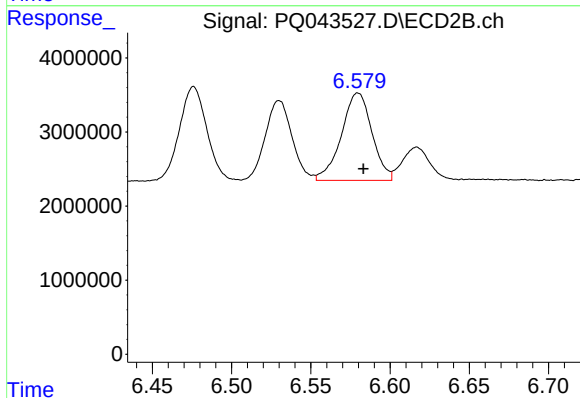
R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 15045496
Conc: 542.04 ng/ml



#19 AR-1242-4

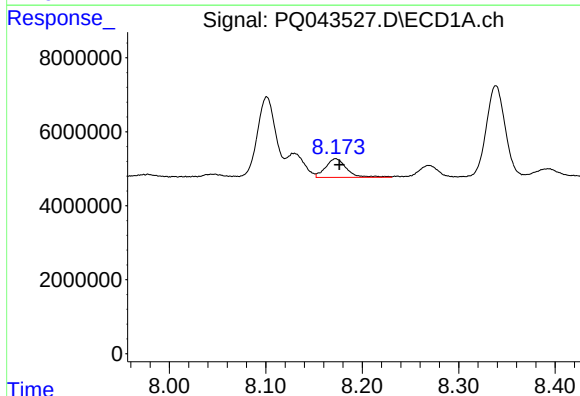
R.T.: 7.349 min
Delta R.T.: -0.006 min
Response: 36777725
Conc: 561.02 ng/ml

Instrument :
ECD_S
ClientSampleId :



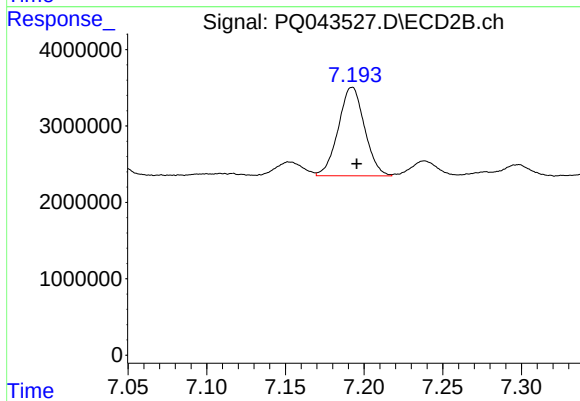
#19 AR-1242-4

R.T.: 6.580 min
Delta R.T.: -0.003 min
Response: 15858950
Conc: 550.49 ng/ml



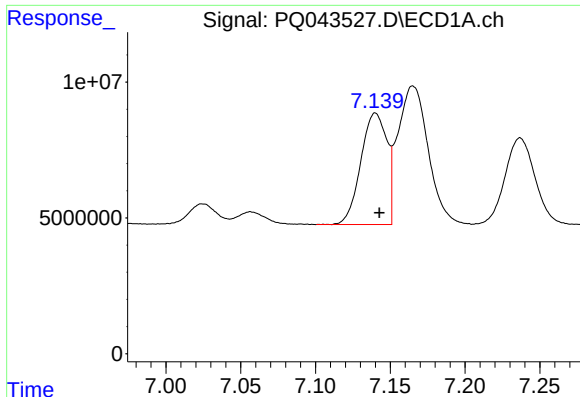
#20 AR-1242-5

R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 7654165
Conc: 84.35 ng/ml



#20 AR-1242-5

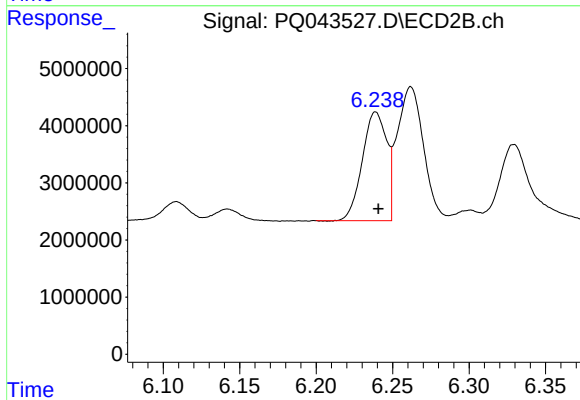
R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 13467285
Conc: 320.53 ng/ml



#21 AR-1248-1

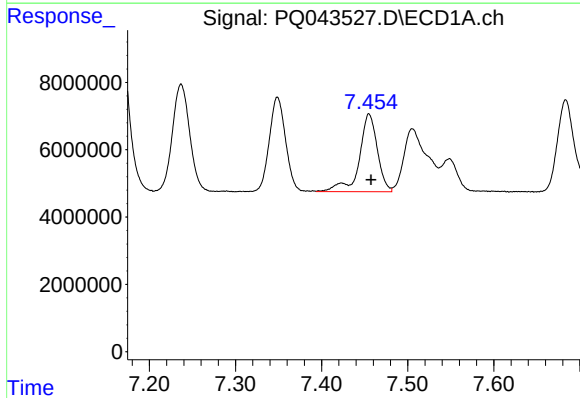
R.T.: 7.140 min
Delta R.T.: -0.002 min
Response: 49758663
Conc: 797.63 ng/ml

Instrument :
ECD_S
ClientSampleId :



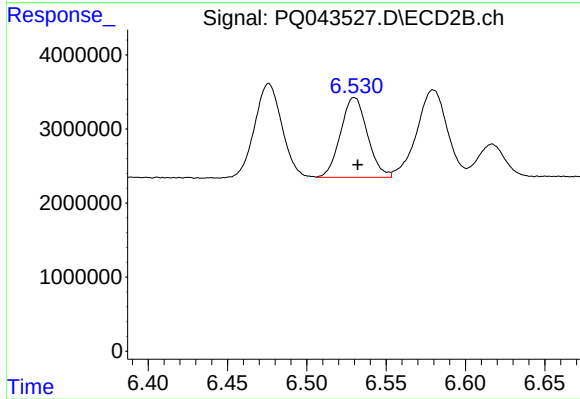
#21 AR-1248-1

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 21059963
Conc: 787.56 ng/ml



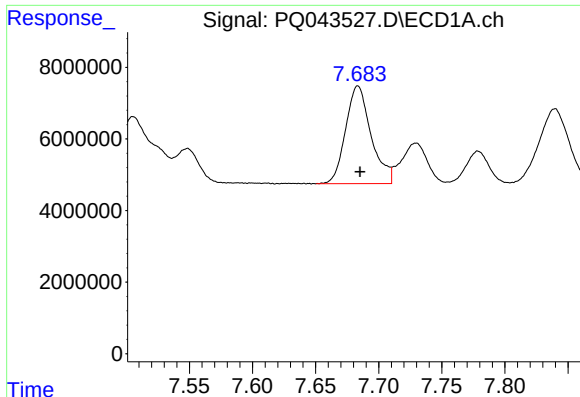
#22 AR-1248-2

R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 33730358
Conc: 370.18 ng/ml



#22 AR-1248-2

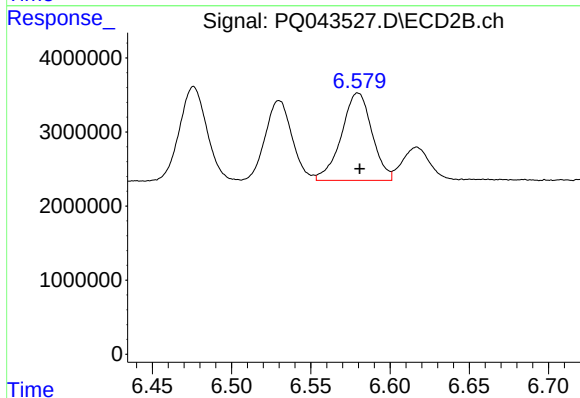
R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 12693104
Conc: 349.00 ng/ml



#23 AR-1248-3

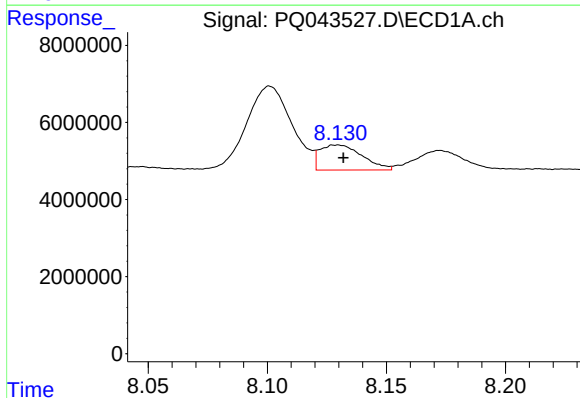
R.T.: 7.684 min
Delta R.T.: -0.002 min
Response: 38371138
Conc: 369.86 ng/ml

Instrument :
ECD_S
ClientSampleId :



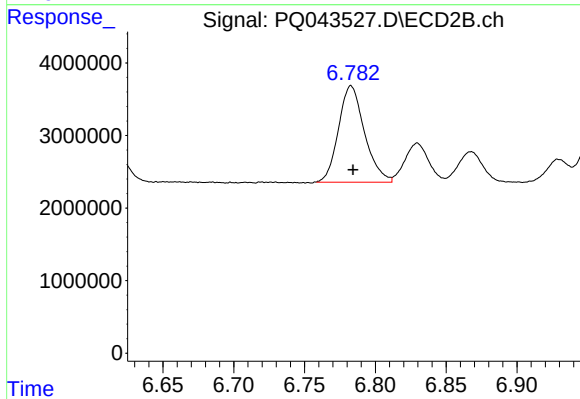
#23 AR-1248-3

R.T.: 6.580 min
Delta R.T.: -0.001 min
Response: 15858950
Conc: 418.28 ng/ml



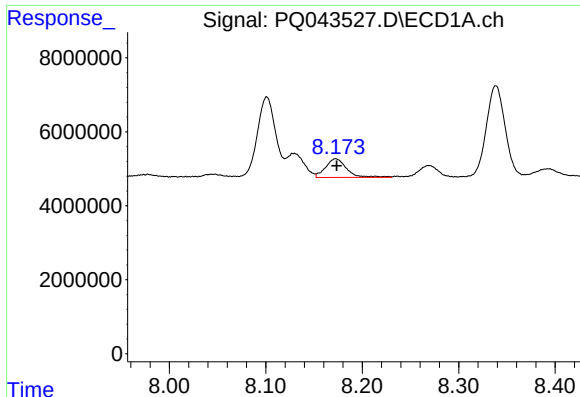
#24 AR-1248-4

R.T.: 8.129 min
Delta R.T.: -0.002 min
Response: 8074160
Conc: 59.43 ng/ml



#24 AR-1248-4

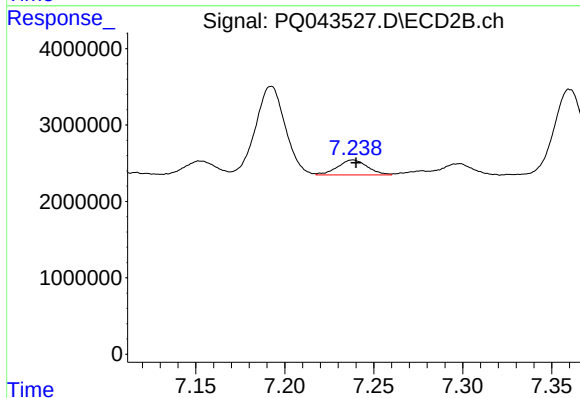
R.T.: 6.783 min
Delta R.T.: -0.001 min
Response: 17032159
Conc: 368.50 ng/ml



#25 AR-1248-5

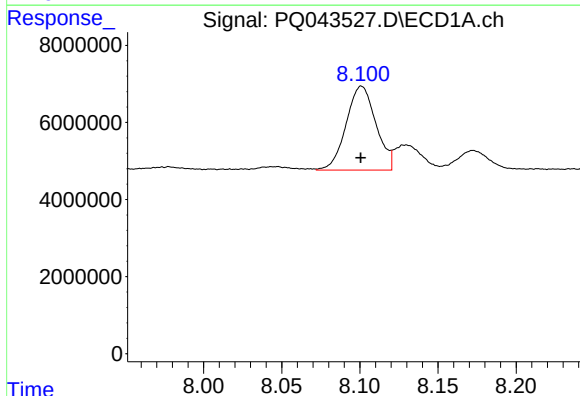
R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 7654165
Conc: 57.73 ng/ml

Instrument :
ECD_S
ClientSampleId :



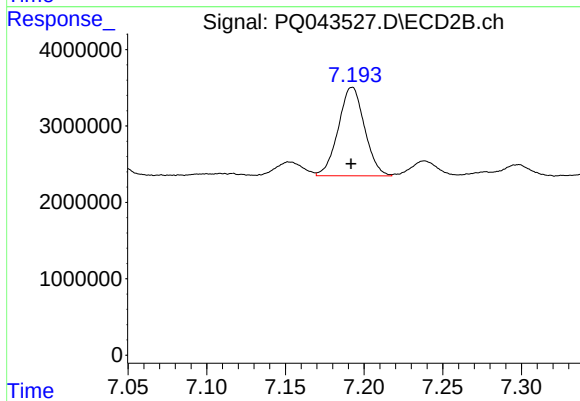
#25 AR-1248-5

R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 2292425
Conc: 44.40 ng/ml



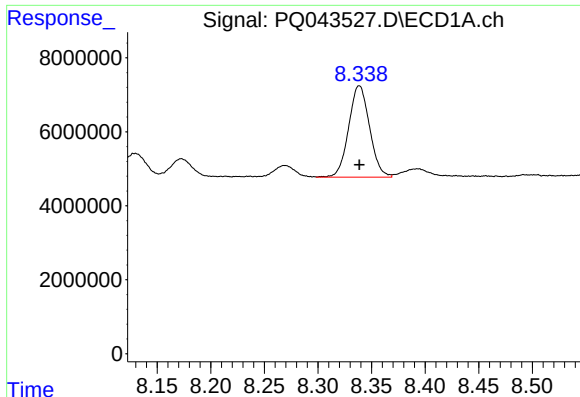
#26 AR-1254-1

R.T.: 8.101 min
Delta R.T.: 0.000 min
Response: 28897943
Conc: 196.56 ng/ml



#26 AR-1254-1

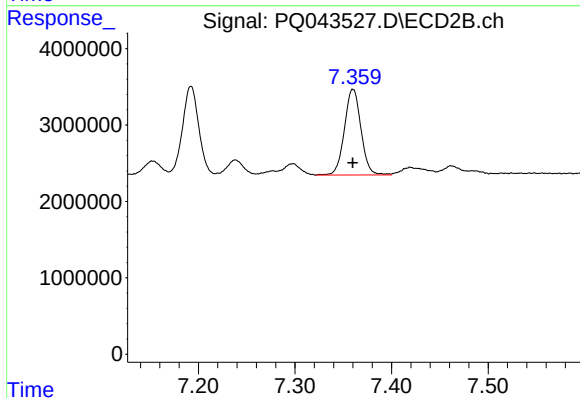
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 13467285
Conc: 151.26 ng/ml



#27 AR-1254-2

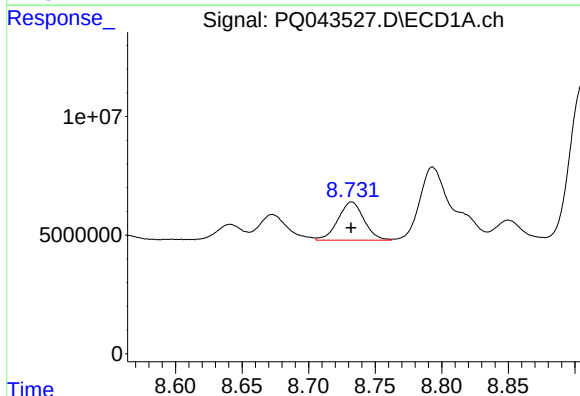
R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 33559799
Conc: 137.10 ng/ml

Instrument :
ECD_S
ClientSampleId :



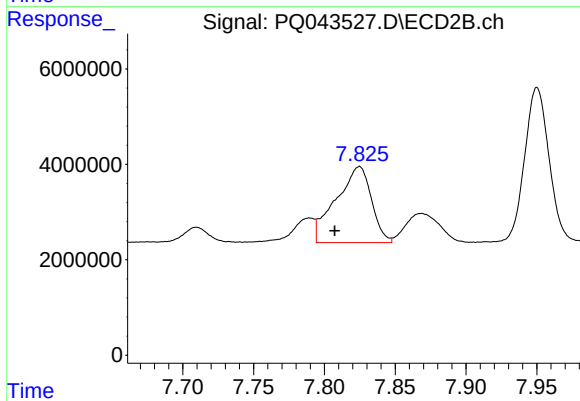
#27 AR-1254-2

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 13320337
Conc: 163.82 ng/ml



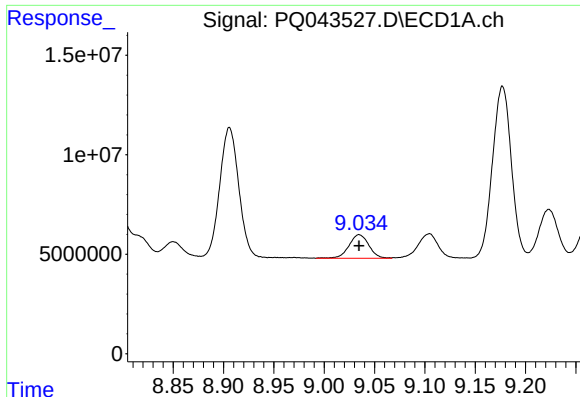
#28 AR-1254-3

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 21913230
Conc: 75.99 ng/ml



#28 AR-1254-3

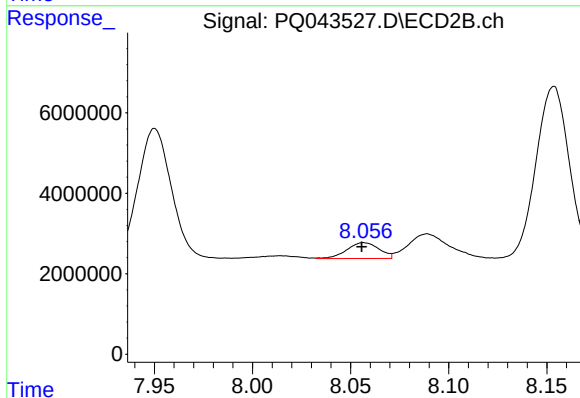
R.T.: 7.825 min
Delta R.T.: 0.017 min
Response: 27830319
Conc: 197.08 ng/ml



#29 AR-1254-4

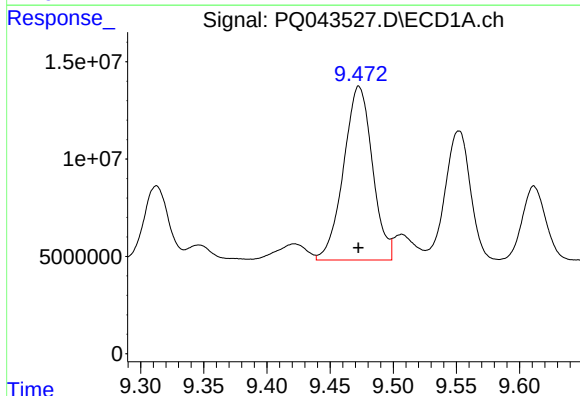
R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 16374380
Conc: 70.14 ng/ml

Instrument :
ECD_S
ClientSampleId :



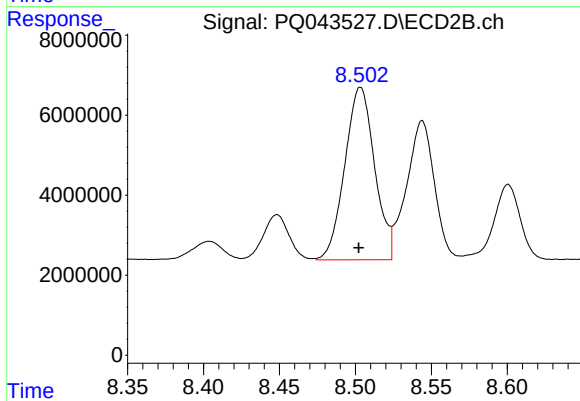
#29 AR-1254-4

R.T.: 8.057 min
Delta R.T.: 0.001 min
Response: 4549288
Conc: 46.65 ng/ml



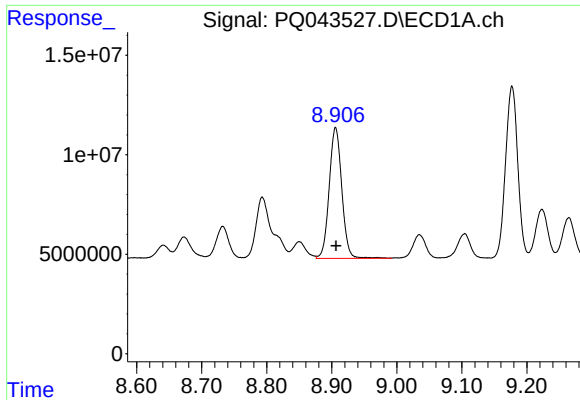
#30 AR-1254-5

R.T.: 9.473 min
Delta R.T.: 0.000 min
Response: 141996840
Conc: 533.94 ng/ml



#30 AR-1254-5

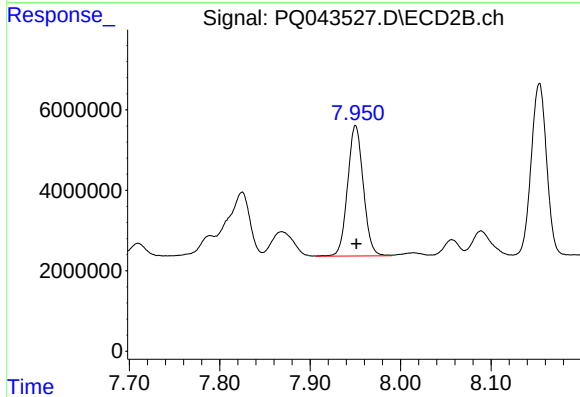
R.T.: 8.503 min
Delta R.T.: 0.001 min
Response: 58960298
Conc: 424.93 ng/ml



#31 AR-1260-1

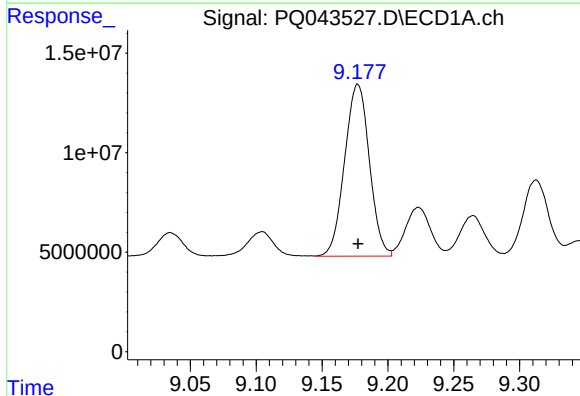
R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 88587735
Conc: 477.89 ng/ml

Instrument :
ECD_S
ClientSampleId :



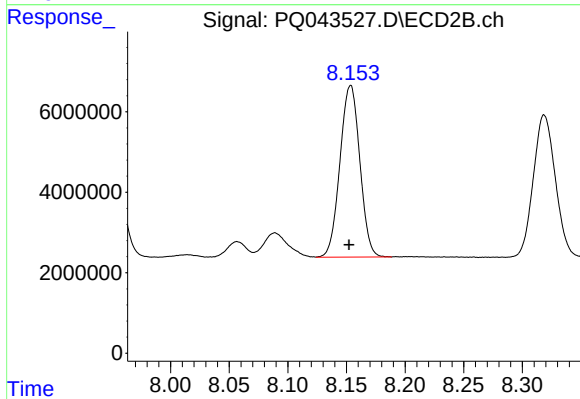
#31 AR-1260-1

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 39183651
Conc: 480.72 ng/ml



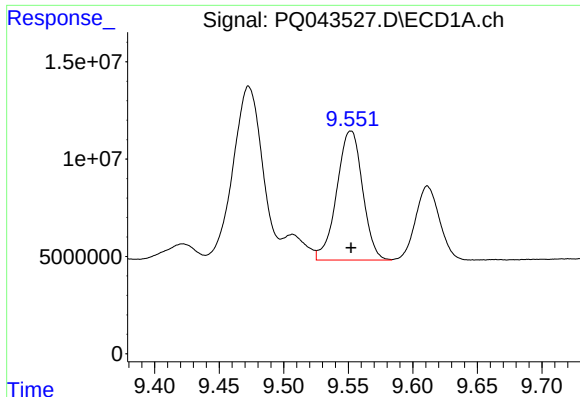
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: 0.000 min
Response: 113091153
Conc: 479.85 ng/ml



#32 AR-1260-2

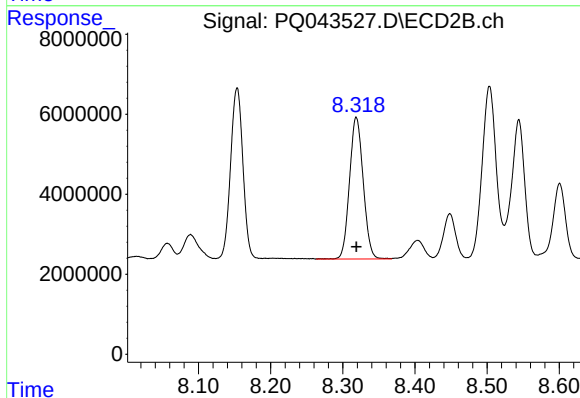
R.T.: 8.154 min
Delta R.T.: 0.001 min
Response: 50352126
Conc: 474.56 ng/ml



#33 AR-1260-3

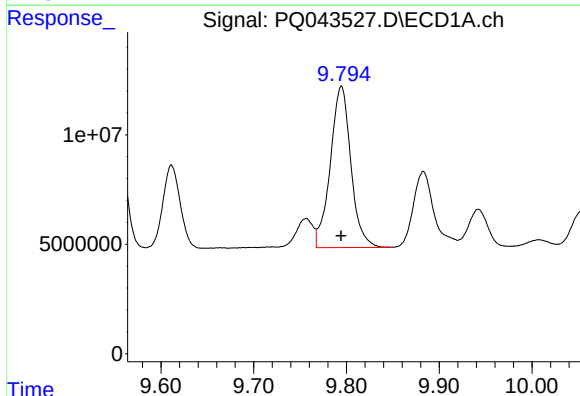
R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 92343974
Conc: 484.07 ng/ml

Instrument :
ECD_S
ClientSampleId :



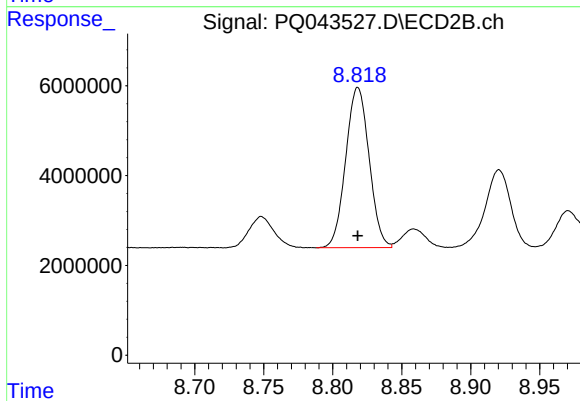
#33 AR-1260-3

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 46623844
Conc: 486.68 ng/ml



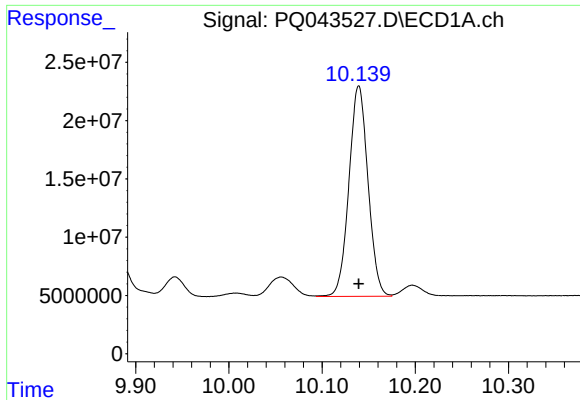
#34 AR-1260-4

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 113680285
Conc: 492.38 ng/ml



#34 AR-1260-4

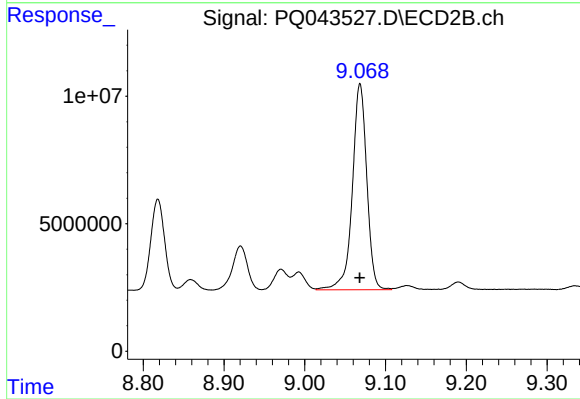
R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 42128380
Conc: 481.47 ng/ml



#35 AR-1260-5

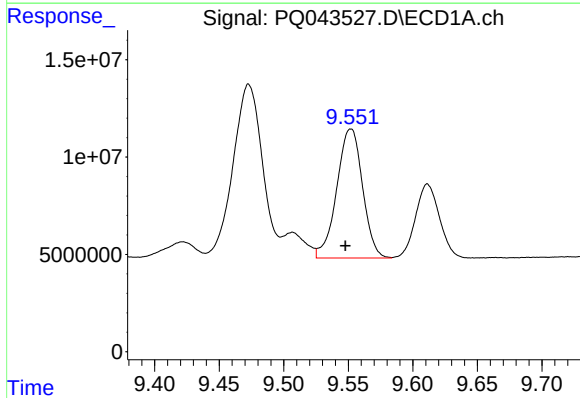
R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 256488834
Conc: 484.93 ng/ml

Instrument :
ECD_S
ClientSampleId :



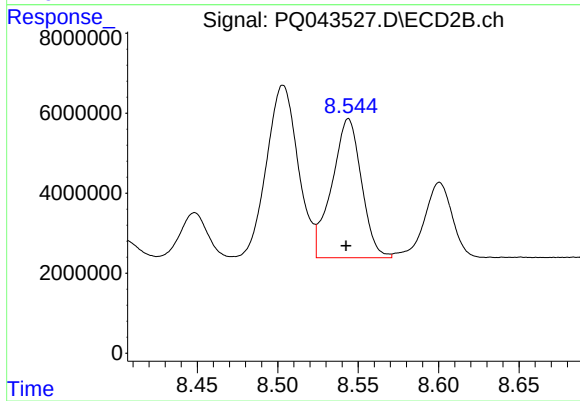
#35 AR-1260-5

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 100479875
Conc: 458.40 ng/ml



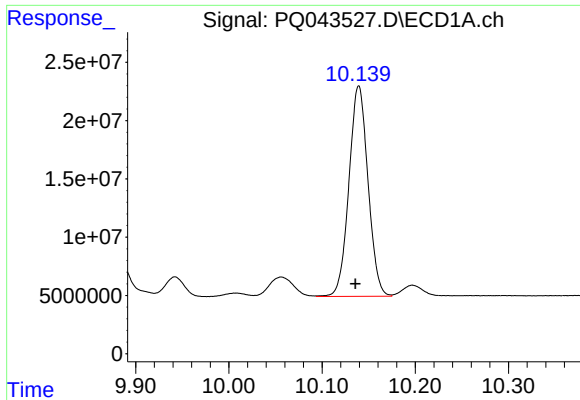
#36 AR-1262-1

R.T.: 9.552 min
Delta R.T.: 0.004 min
Response: 92343974
Conc: 292.14 ng/ml



#36 AR-1262-1

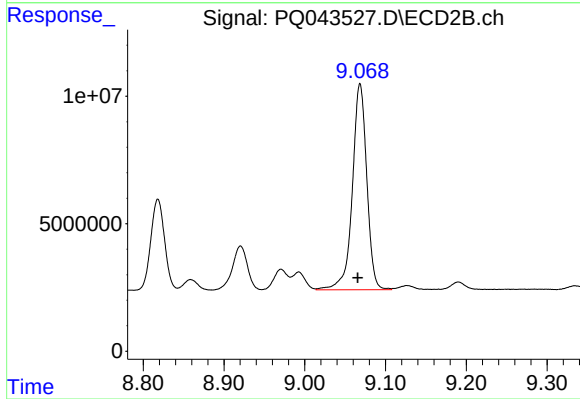
R.T.: 8.544 min
Delta R.T.: 0.002 min
Response: 44572864
Conc: 317.64 ng/ml



#37 AR-1262-2

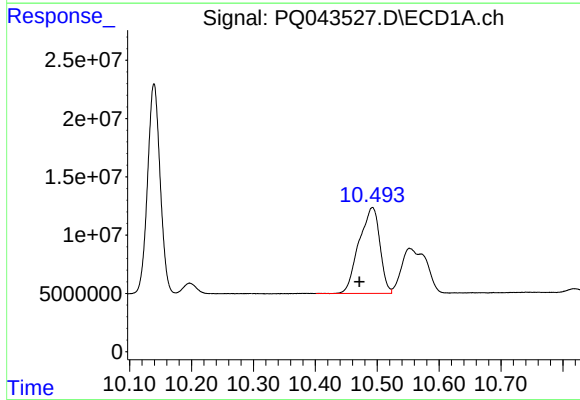
R.T.: 10.139 min
Delta R.T.: 0.004 min
Response: 256488834
Conc: 375.63 ng/ml

Instrument :
ECD_S
ClientSampleId :



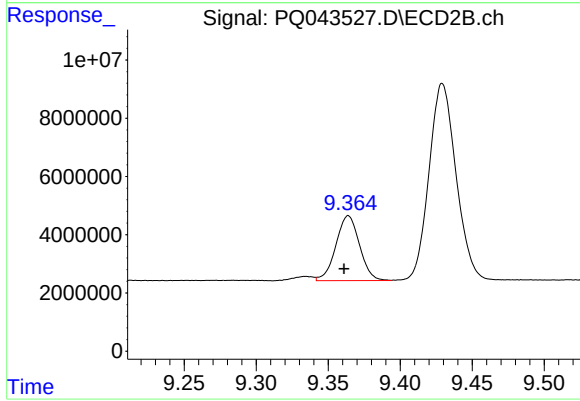
#37 AR-1262-2

R.T.: 9.068 min
Delta R.T.: 0.003 min
Response: 100479875
Conc: 387.17 ng/ml



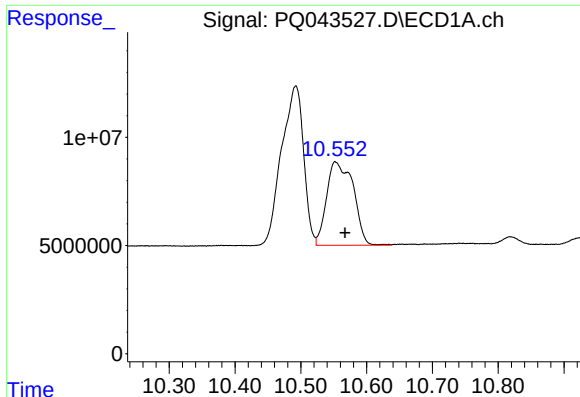
#38 AR-1262-3

R.T.: 10.492 min
Delta R.T.: 0.021 min
Response: 172073403
Conc: 363.12 ng/ml



#38 AR-1262-3

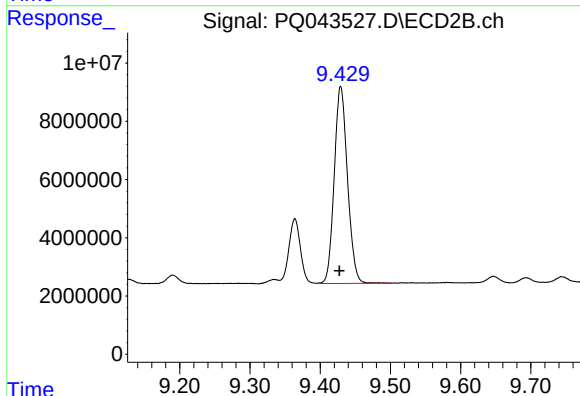
R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 25512097
Conc: 216.92 ng/ml



#39 AR-1262-4

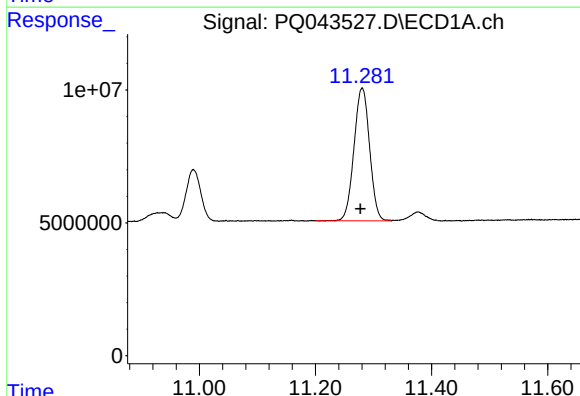
R.T.: 10.553 min
Delta R.T.: -0.014 min
Response: 108627937
Conc: 301.43 ng/ml

Instrument :
ECD_S
ClientSampleId :



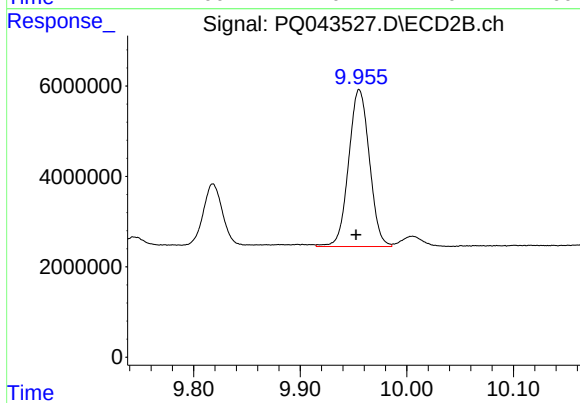
#39 AR-1262-4

R.T.: 9.429 min
Delta R.T.: 0.002 min
Response: 88768660
Conc: 374.14 ng/ml



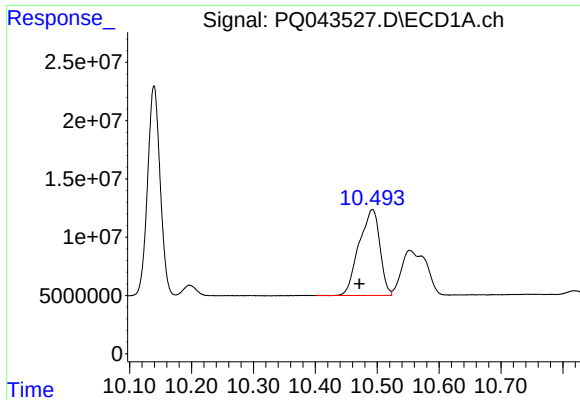
#40 AR-1262-5

R.T.: 11.280 min
Delta R.T.: 0.003 min
Response: 93225559
Conc: 313.83 ng/ml



#40 AR-1262-5

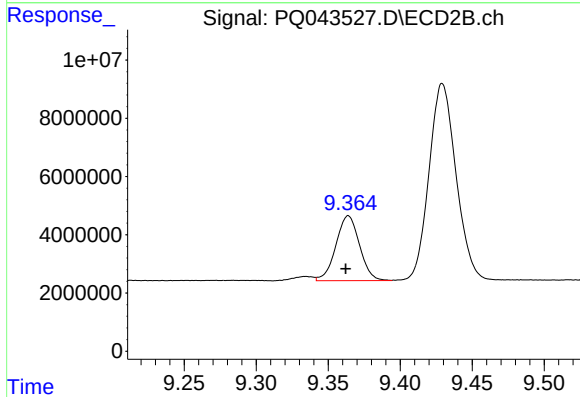
R.T.: 9.955 min
Delta R.T.: 0.003 min
Response: 46990778
Conc: 321.46 ng/ml



#41 AR-1268-1

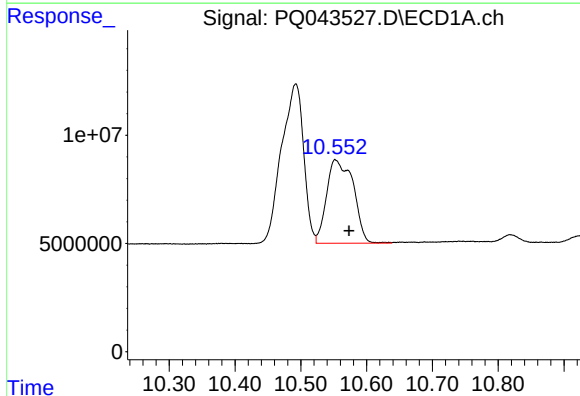
R.T.: 10.492 min
Delta R.T.: 0.021 min
Response: 172073403
Conc: 214.33 ng/ml

Instrument :
ECD_S
ClientSampleId :



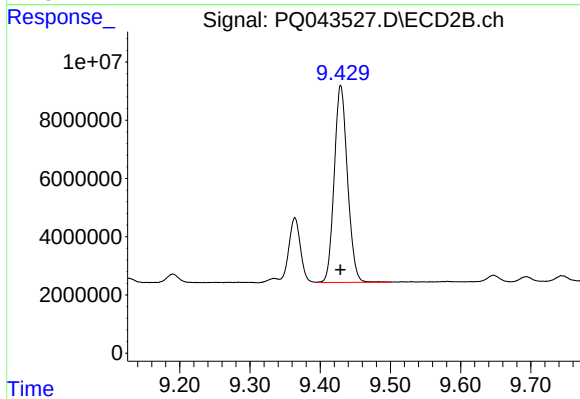
#41 AR-1268-1

R.T.: 9.364 min
Delta R.T.: 0.002 min
Response: 25512097
Conc: 78.66 ng/ml



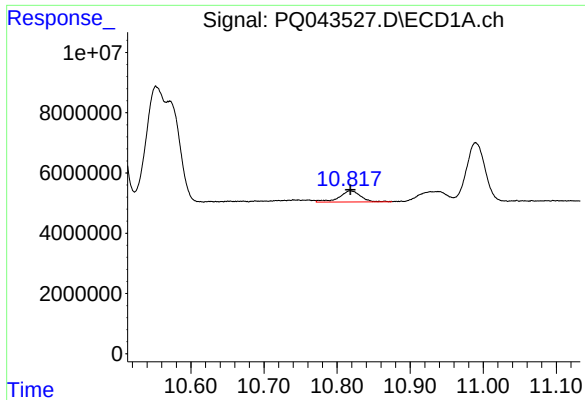
#42 AR-1268-2

R.T.: 10.553 min
Delta R.T.: -0.020 min
Response: 108627937
Conc: 140.95 ng/ml



#42 AR-1268-2

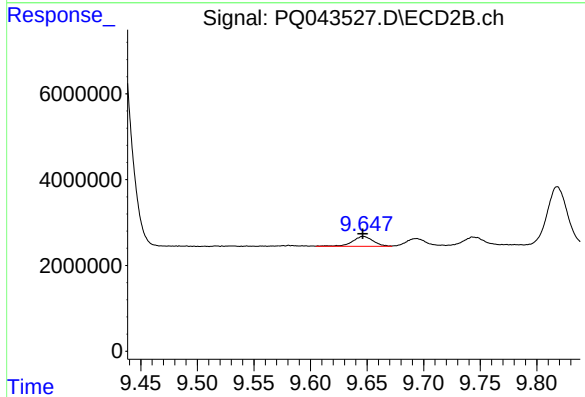
R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 88768660
Conc: 283.50 ng/ml



#43 AR-1268-3

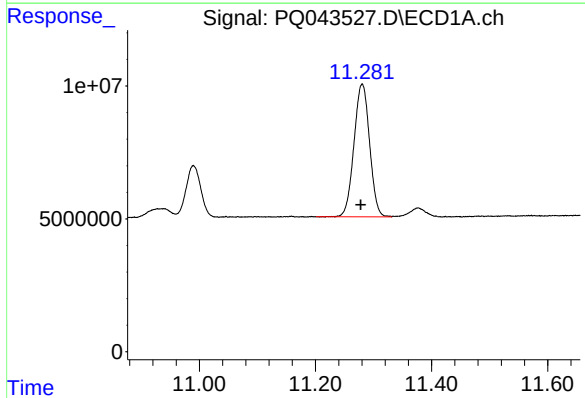
R.T.: 10.819 min
Delta R.T.: 0.000 min
Response: 7561224
Conc: 11.47 ng/ml

Instrument :
ECD_S
ClientSampleId :



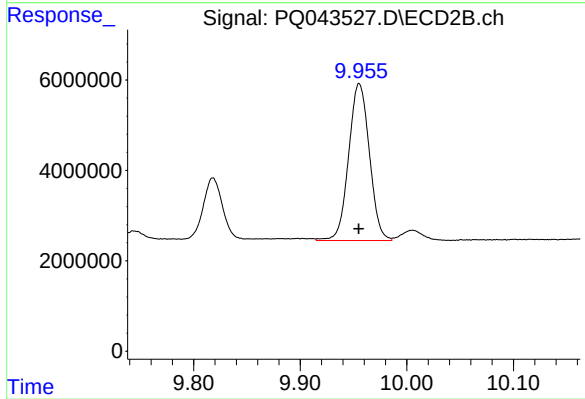
#43 AR-1268-3

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 2931279
Conc: 10.37 ng/ml



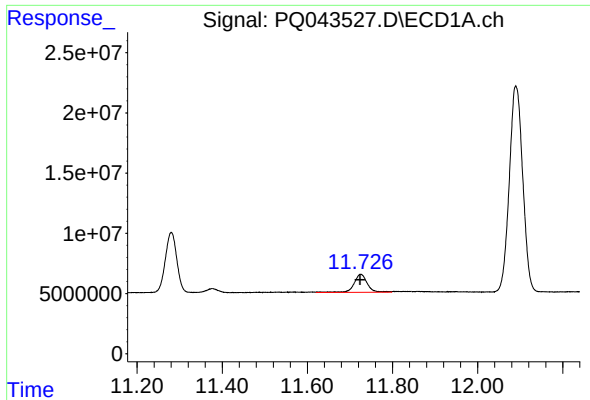
#44 AR-1268-4

R.T.: 11.280 min
Delta R.T.: 0.003 min
Response: 9322559
Conc: 290.37 ng/ml



#44 AR-1268-4

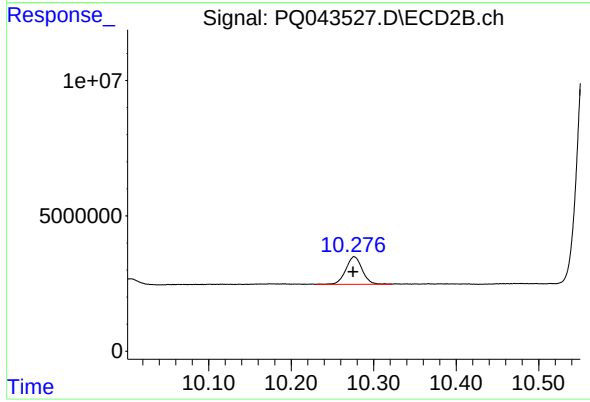
R.T.: 9.955 min
Delta R.T.: 0.000 min
Response: 46990778
Conc: 297.71 ng/ml



#45 AR-1268-5

R.T.: 11.726 min
Delta R.T.: 0.001 min
Response: 32446976
Conc: 12.20 ng/ml

Instrument :
ECD_S
ClientSampleId :



#45 AR-1268-5

R.T.: 10.276 min
Delta R.T.: 0.002 min
Response: 14215908
Conc: 11.67 ng/ml