

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062123\
 Data File : PR061938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 12:12
 Operator : YP\AJ
 Sample : 03237-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:30:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060623CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 07 04:58:45 2023
 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...	3.691	2.962	39182050	47617831	15.970	16.260
2)	SA Decachlor...	9.624	8.247	45834571	110.6E6	33.597	30.692
Target Compounds							
3)	L1 AR-1016-1	4.919	4.086	32228740	44538988	444.085	444.076
4)	L1 AR-1016-2	4.941	4.104	47390779	61448705	457.211	446.243
5)	L1 AR-1016-3	5.006	4.285	29833576	33677260	453.412	434.747
6)	L1 AR-1016-4	5.109	4.335	23944379	26918748	442.902	435.412
7)	L1 AR-1016-5	5.425	4.554	23784205	35170272	440.457	432.414
8)	L2 AR-1221-1	3.901	3.187	7776708	3844991	256.322	100.741 #
9)	L2 AR-1221-2	4.003	3.275	3790684	5541847	177.884	201.851
10)	L2 AR-1221-3	4.081	3.352	17549333	21913700	260.472	251.599
11)	L3 AR-1232-1	4.081	3.352	17549333	21913700	314.454	300.291
12)	L3 AR-1232-2	4.634	4.104	24672681	61448705	892.574	944.108
13)	L3 AR-1232-3	4.941	4.285	47390779	33677260	985.295	927.081
14)	L3 AR-1232-4	5.109	4.377	23944379	32908859	958.393	1024.378
15)	L3 AR-1232-5	5.212	4.554	19666301	35170272	1022.407	963.424
16)	L4 AR-1242-1	4.919	4.086	32228740	44538988	518.868	525.840
17)	L4 AR-1242-2	4.941	4.104	47390779	61448705	547.468	528.525
18)	L4 AR-1242-3	5.006	4.285	29833576	33677260	521.879	512.378
19)	L4 AR-1242-4	5.109	4.377	23944379	32908859	519.796	515.091
20)	L4 AR-1242-5	5.900	4.926	2942486	28134474	67.289	341.110 #
21)	L5 AR-1248-1	4.919	4.086	32228740	44538988	700.296	681.653
22)	L5 AR-1248-2	5.212	4.335	19666301	26918748	293.587	291.085
23)	L5 AR-1248-3	5.425	4.377	23784205	32908859	313.467	346.768
24)	L5 AR-1248-4	5.860	4.554	3325563	35170272	42.975	308.145 #
25)	L5 AR-1248-5	5.900	4.969	2942486	4101357	39.540	35.957
26)	L6 AR-1254-1	5.830	4.926	17572782	28134474	205.814	160.869
27)	L6 AR-1254-2	6.068	5.086	20074140	27450331	160.147	180.022
28)	L6 AR-1254-3	6.460	5.530	9696995	50379365	78.573	198.661 #
29)	L6 AR-1254-4	6.772	5.757	5841973	5972034	67.030	36.269 #
30)	L6 AR-1254-5	7.227	6.205	54050707	111.3E6	585.986	449.138
31)	L7 AR-1260-1	6.641	5.652	41084809	72985149	437.690	426.911
32)	L7 AR-1260-2	6.924	5.857	46137233	88805951	440.500	426.335
33)	L7 AR-1260-3	7.315	6.016	28081178	85932502	367.830	420.236
34)	L7 AR-1260-4	7.558	6.525	34354267	65432237	402.337	370.820
35)	L7 AR-1260-5	7.895	6.789	58551443	155.9E6	385.505	375.469
36)	L8 AR-1262-1	7.315	6.248	28081178	67500870	253.023	271.210
37)	L8 AR-1262-2	7.895	6.789	58551443	155.9E6	334.072	333.349
38)	L8 AR-1262-3	8.213	7.096	37319927	28445454	317.234	151.433 #
39)	L8 AR-1262-4	8.289	7.163	8730421	112.2E6	151.137	315.594 #
40)	L8 AR-1262-5	8.921	7.702	12542282	34273397	206.257	194.334
41)	L9 AR-1268-1	8.213	7.096	37319927	28445454	222.296	64.993 #

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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

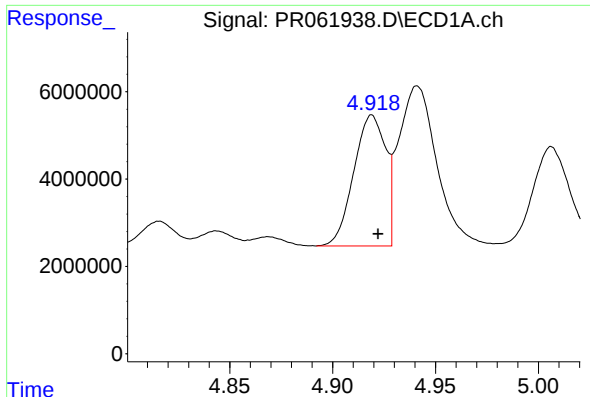
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:30:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060623CLP.M
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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
42) L9	AR-1268-2	8.289	7.163	8730421	112.2E6	55.843	277.965 #
43) L9	AR-1268-3	8.513	7.391	1287615	3117350	9.832	8.892
44) L9	AR-1268-4	8.921	7.702	12542282	34273397	230.207	218.099
45) L9	AR-1268-5	9.310	7.999	4544810	11548553	11.516	10.177

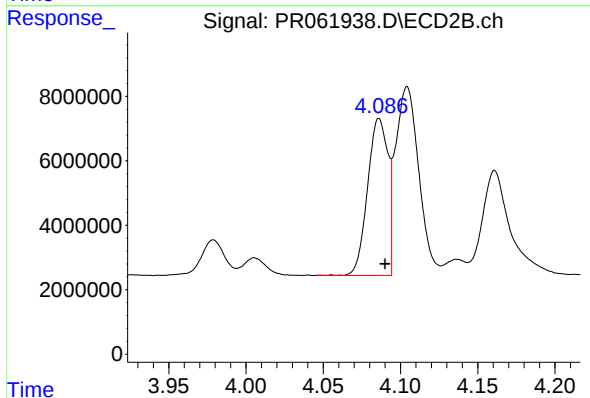
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

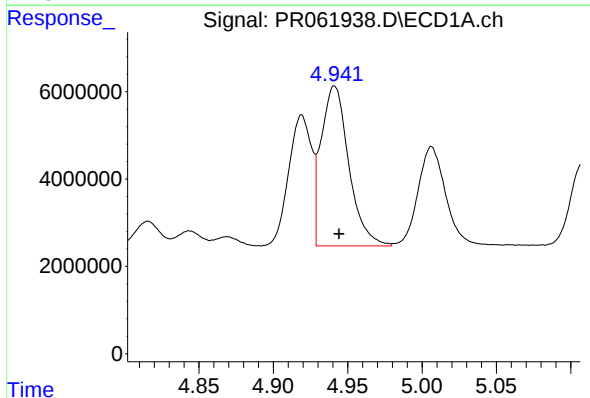
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 32228740
Conc: 444.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



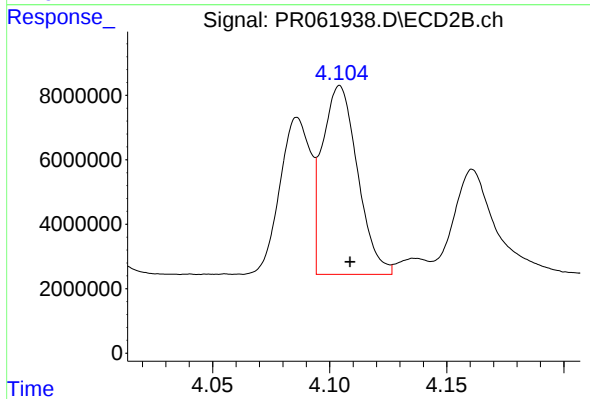
#3 AR-1016-1

R.T.: 4.086 min
Delta R.T.: -0.004 min
Response: 44538988
Conc: 444.08 ng/ml



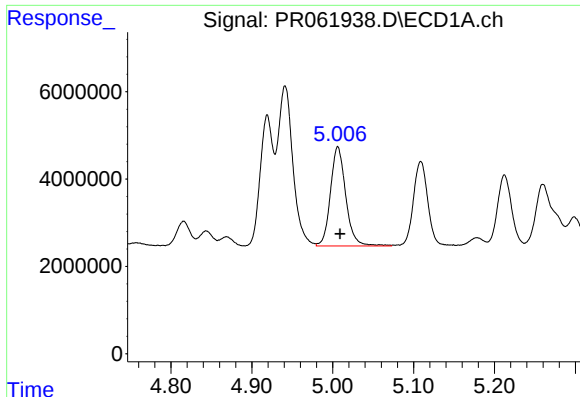
#4 AR-1016-2

R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 47390779
Conc: 457.21 ng/ml



#4 AR-1016-2

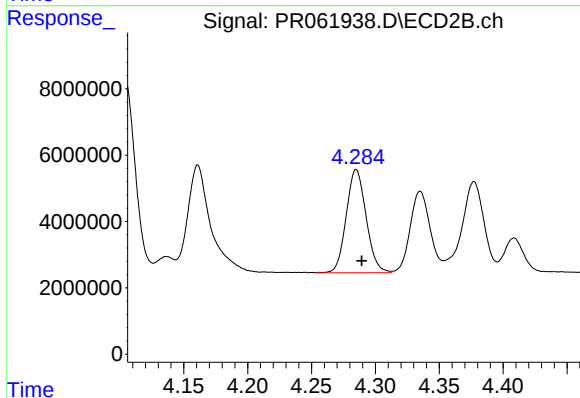
R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 61448705
Conc: 446.24 ng/ml



#5 AR-1016-3

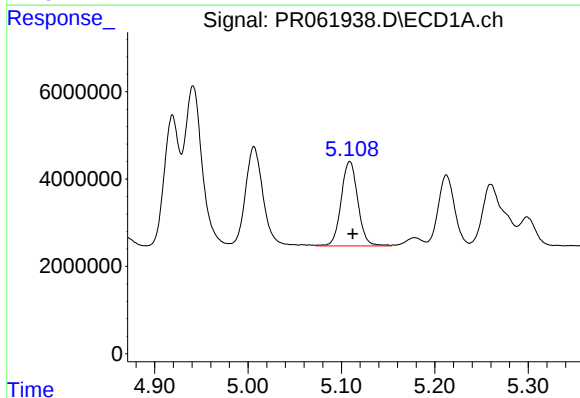
R.T.: 5.006 min
Delta R.T.: -0.003 min
Response: 29833576
Conc: 453.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



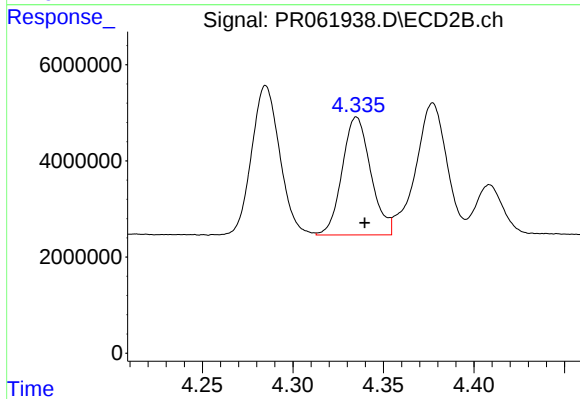
#5 AR-1016-3

R.T.: 4.285 min
Delta R.T.: -0.004 min
Response: 33677260
Conc: 434.75 ng/ml



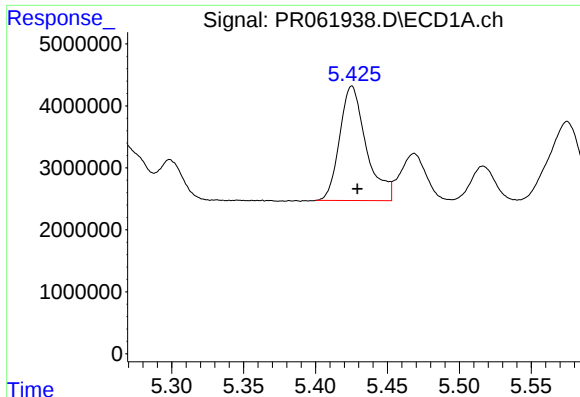
#6 AR-1016-4

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 23944379
Conc: 442.90 ng/ml



#6 AR-1016-4

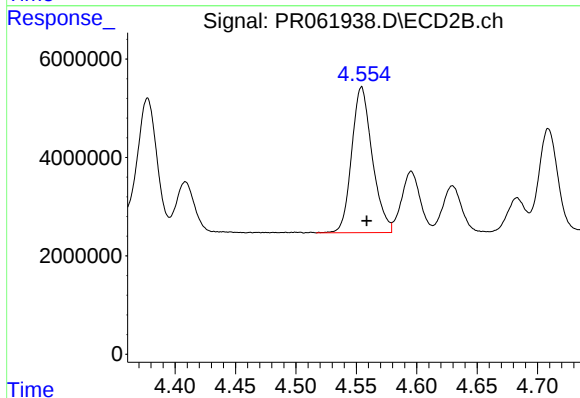
R.T.: 4.335 min
Delta R.T.: -0.005 min
Response: 26918748
Conc: 435.41 ng/ml



#7 AR-1016-5

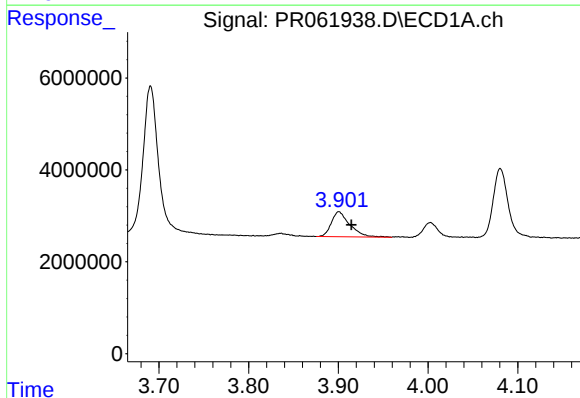
R.T.: 5.425 min
Delta R.T.: -0.004 min
Response: 23784205
Conc: 440.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



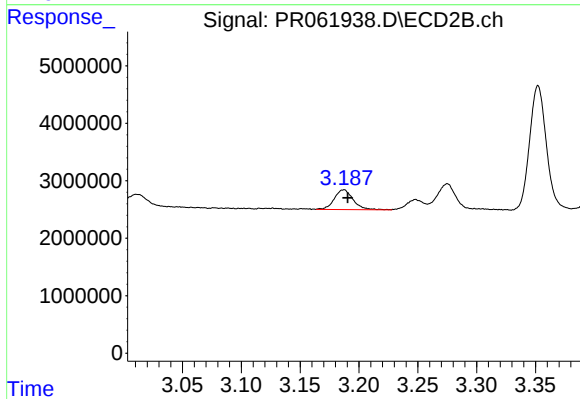
#7 AR-1016-5

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 35170272
Conc: 432.41 ng/ml



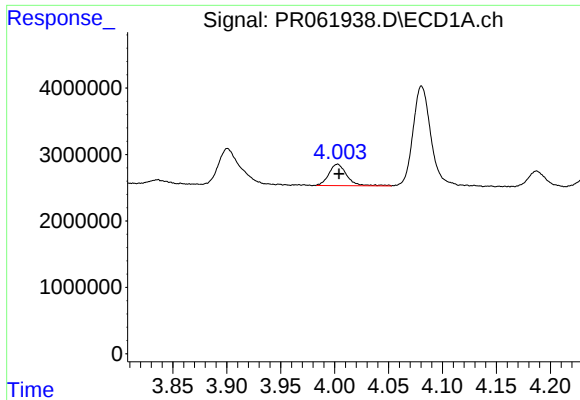
#8 AR-1221-1

R.T.: 3.901 min
Delta R.T.: -0.014 min
Response: 7776708
Conc: 256.32 ng/ml



#8 AR-1221-1

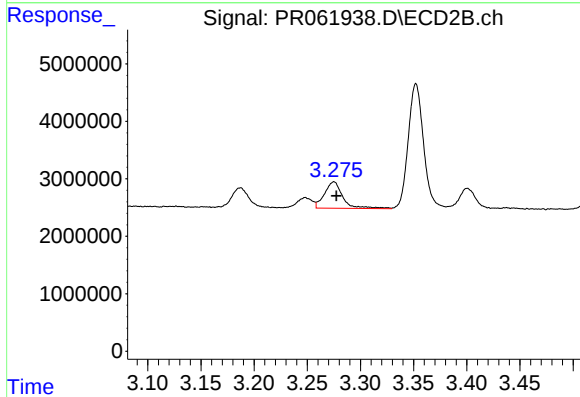
R.T.: 3.187 min
Delta R.T.: -0.003 min
Response: 3844991
Conc: 100.74 ng/ml



#9 AR-1221-2

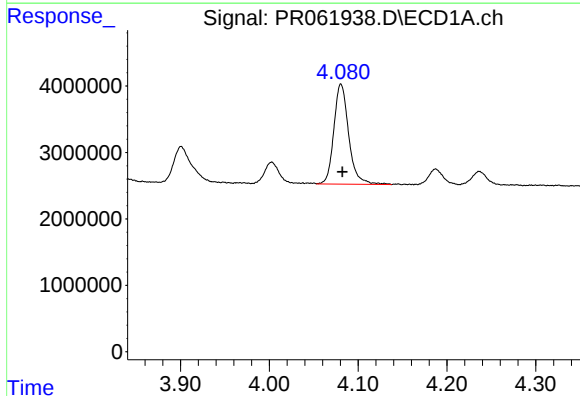
R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 3790684
Conc: 177.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



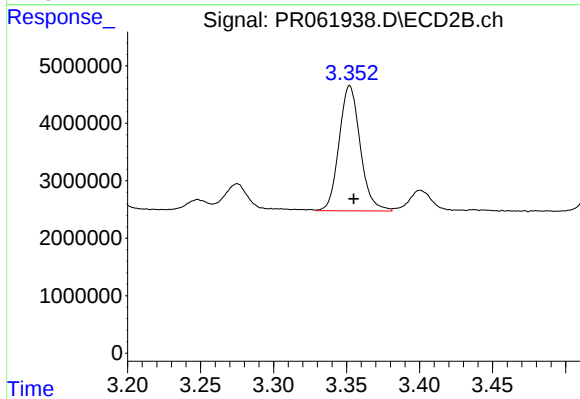
#9 AR-1221-2

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 5541847
Conc: 201.85 ng/ml



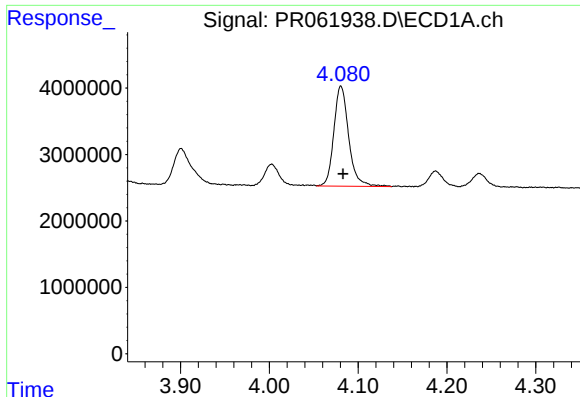
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 17549333
Conc: 260.47 ng/ml



#10 AR-1221-3

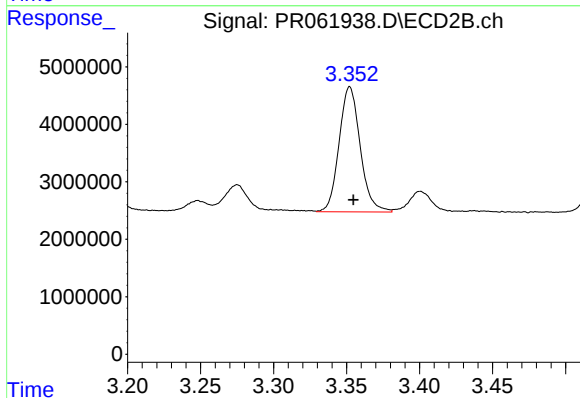
R.T.: 3.352 min
Delta R.T.: -0.003 min
Response: 21913700
Conc: 251.60 ng/ml



#11 AR-1232-1

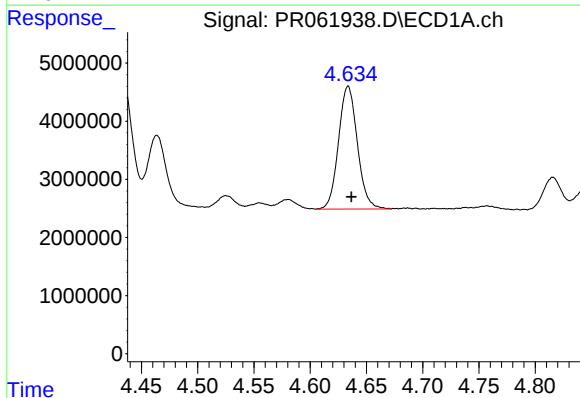
R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 17549333
Conc: 314.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



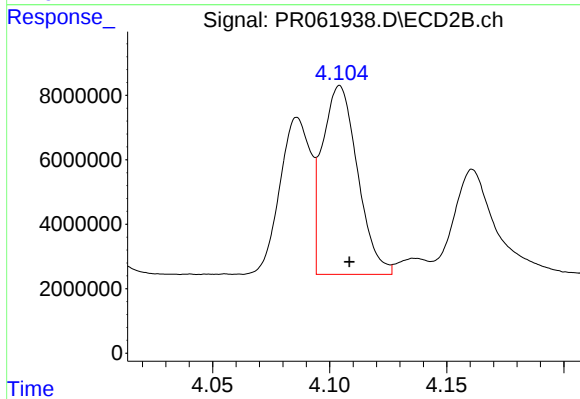
#11 AR-1232-1

R.T.: 3.352 min
Delta R.T.: -0.003 min
Response: 21913700
Conc: 300.29 ng/ml



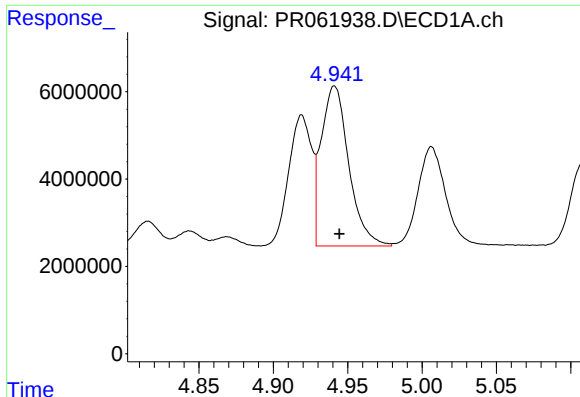
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 24672681
Conc: 892.57 ng/ml



#12 AR-1232-2

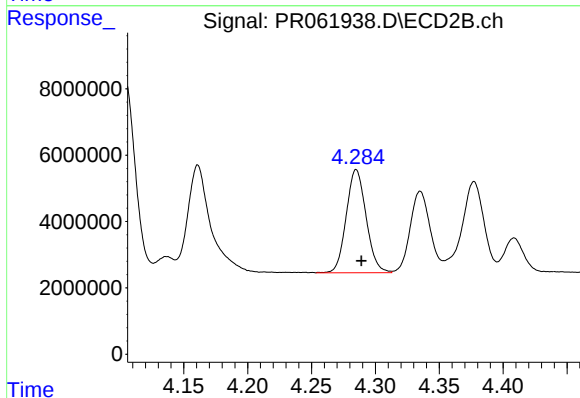
R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 61448705
Conc: 944.11 ng/ml



#13 AR-1232-3

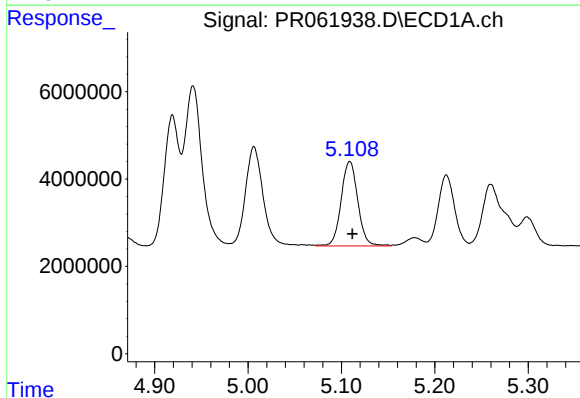
R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 47390779
Conc: 985.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



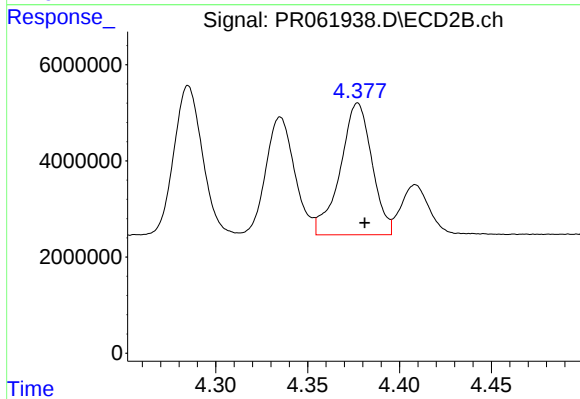
#13 AR-1232-3

R.T.: 4.285 min
Delta R.T.: -0.004 min
Response: 33677260
Conc: 927.08 ng/ml



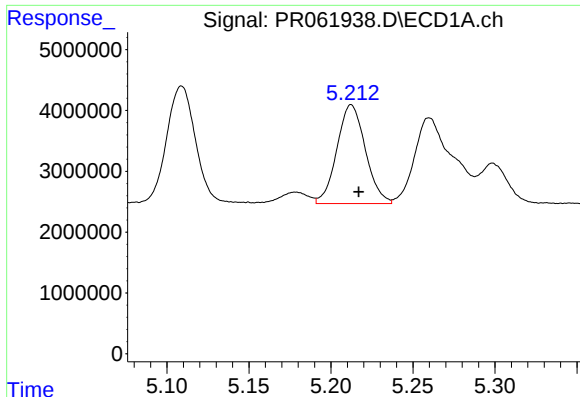
#14 AR-1232-4

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 23944379
Conc: 958.39 ng/ml



#14 AR-1232-4

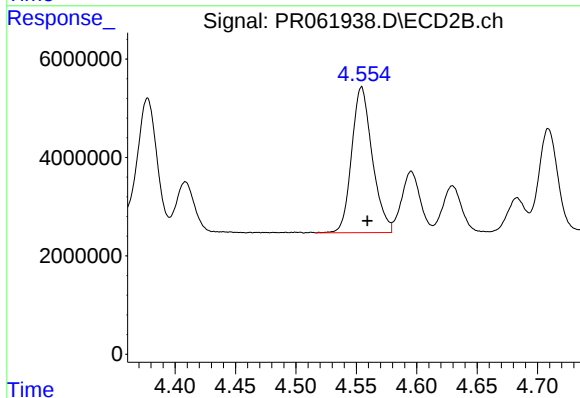
R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 32908859
Conc: 1024.38 ng/ml



#15 AR-1232-5

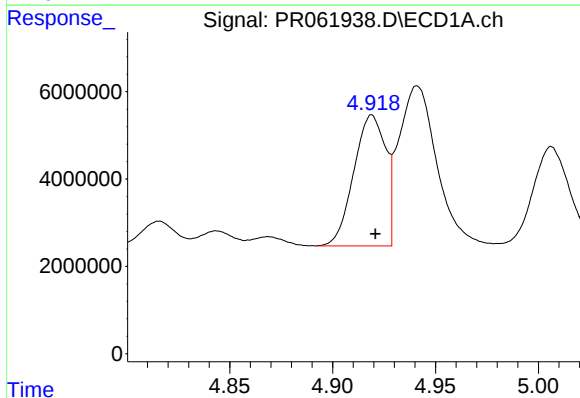
R.T.: 5.212 min
Delta R.T.: -0.005 min
Response: 19666301
Conc: 1022.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



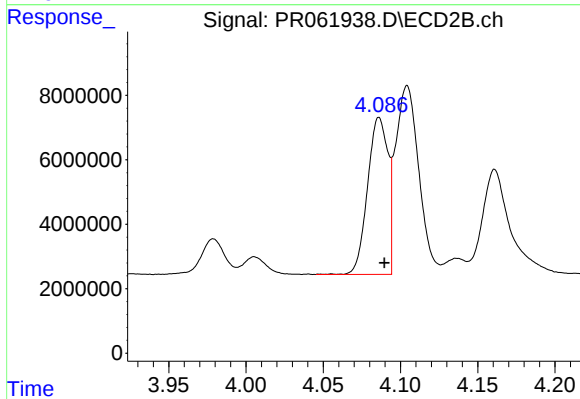
#15 AR-1232-5

R.T.: 4.554 min
Delta R.T.: -0.005 min
Response: 35170272
Conc: 963.42 ng/ml



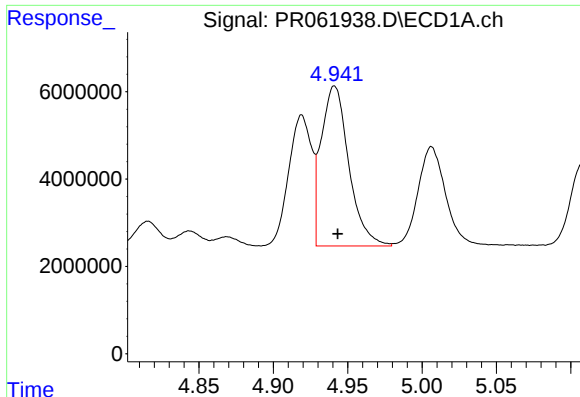
#16 AR-1242-1

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 32228740
Conc: 518.87 ng/ml



#16 AR-1242-1

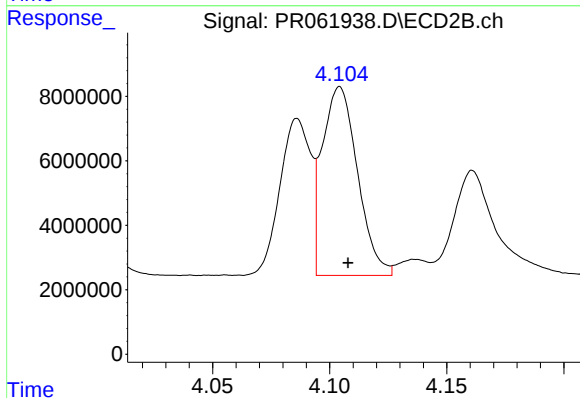
R.T.: 4.086 min
Delta R.T.: -0.003 min
Response: 44538988
Conc: 525.84 ng/ml



#17 AR-1242-2

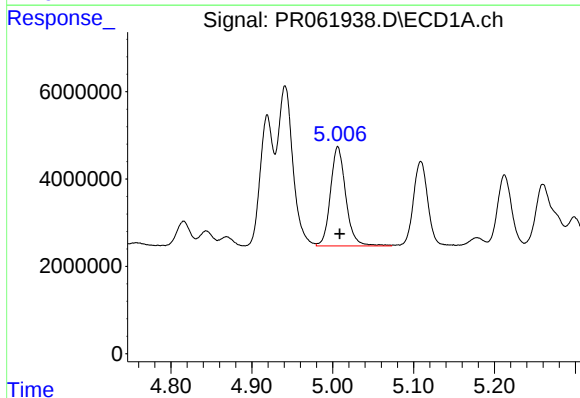
R.T.: 4.941 min
Delta R.T.: -0.002 min
Response: 47390779
Conc: 547.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



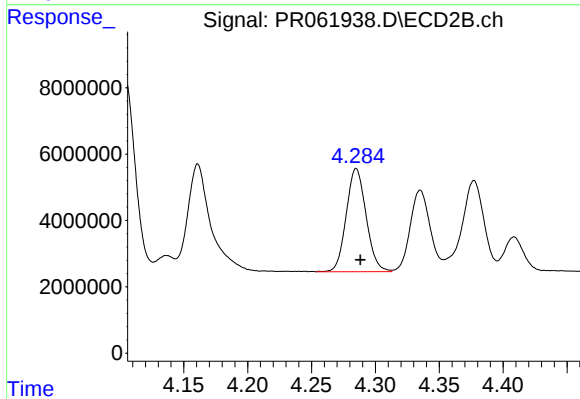
#17 AR-1242-2

R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 61448705
Conc: 528.53 ng/ml



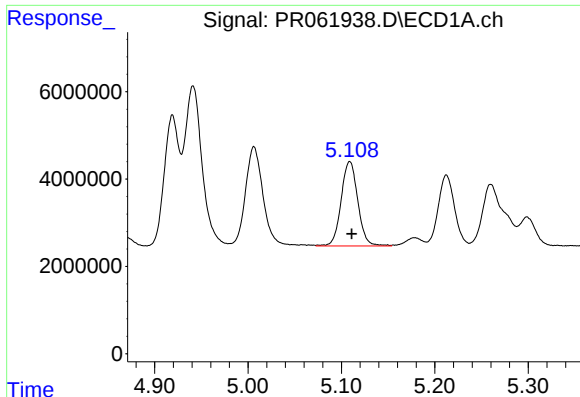
#18 AR-1242-3

R.T.: 5.006 min
Delta R.T.: -0.002 min
Response: 29833576
Conc: 521.88 ng/ml



#18 AR-1242-3

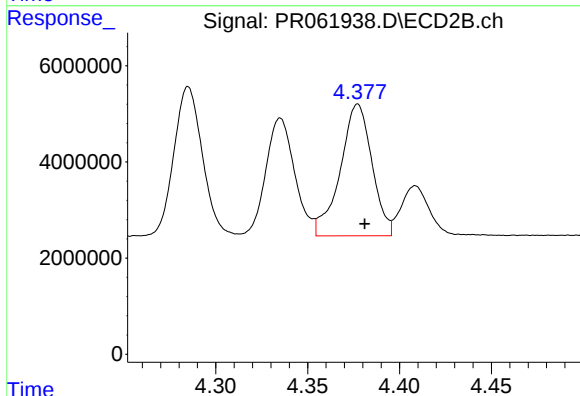
R.T.: 4.285 min
Delta R.T.: -0.003 min
Response: 33677260
Conc: 512.38 ng/ml



#19 AR-1242-4

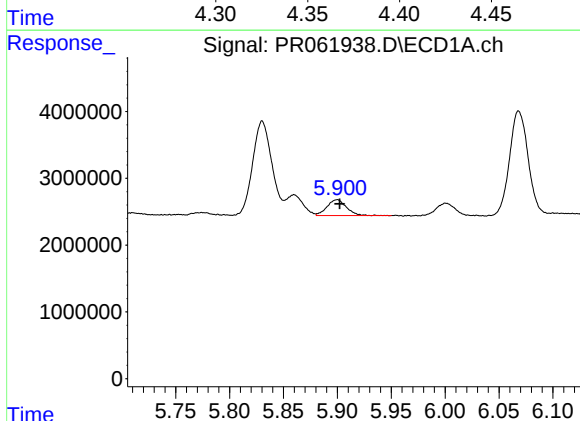
R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 23944379
Conc: 519.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



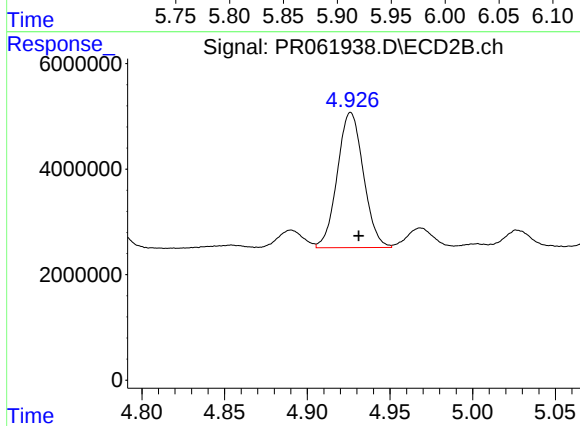
#19 AR-1242-4

R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 32908859
Conc: 515.09 ng/ml



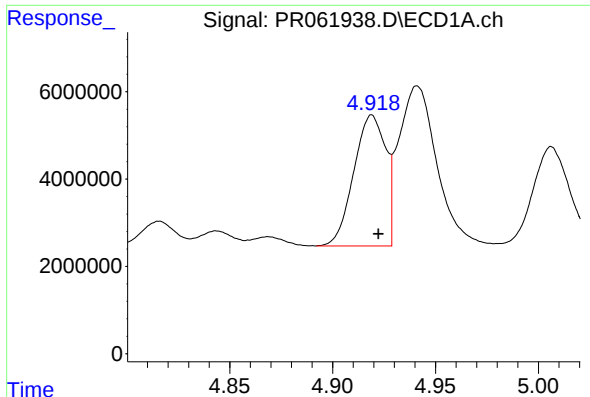
#20 AR-1242-5

R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 2942486
Conc: 67.29 ng/ml



#20 AR-1242-5

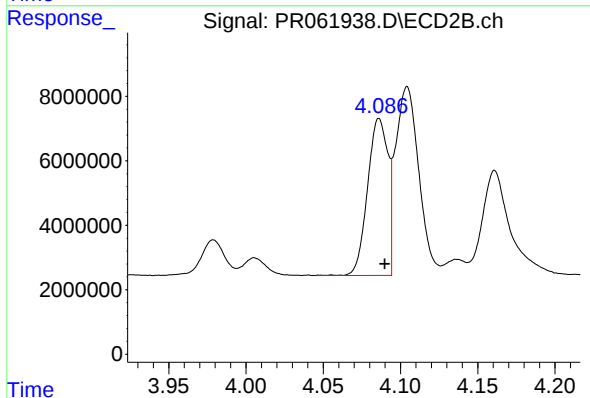
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 28134474
Conc: 341.11 ng/ml



#21 AR-1248-1

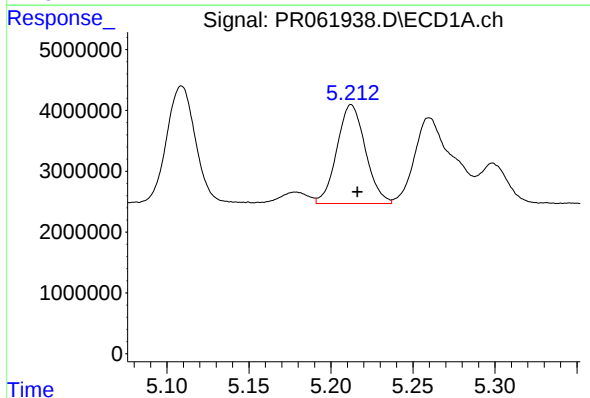
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 32228740
Conc: 700.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



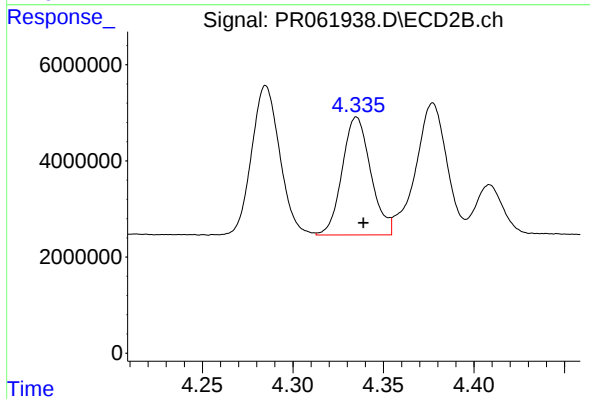
#21 AR-1248-1

R.T.: 4.086 min
Delta R.T.: -0.004 min
Response: 44538988
Conc: 681.65 ng/ml



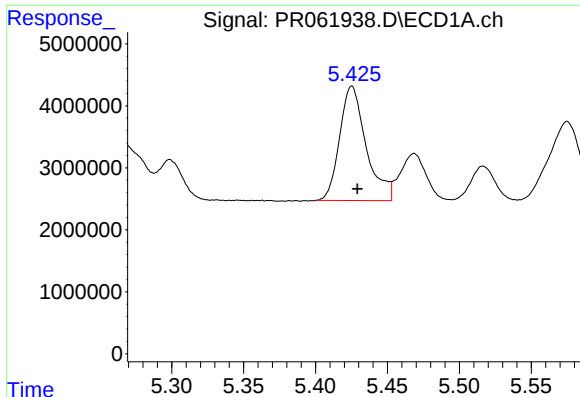
#22 AR-1248-2

R.T.: 5.212 min
Delta R.T.: -0.004 min
Response: 19666301
Conc: 293.59 ng/ml



#22 AR-1248-2

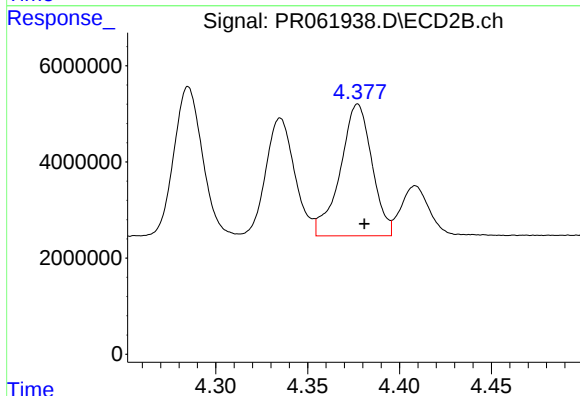
R.T.: 4.335 min
Delta R.T.: -0.004 min
Response: 26918748
Conc: 291.08 ng/ml



#23 AR-1248-3

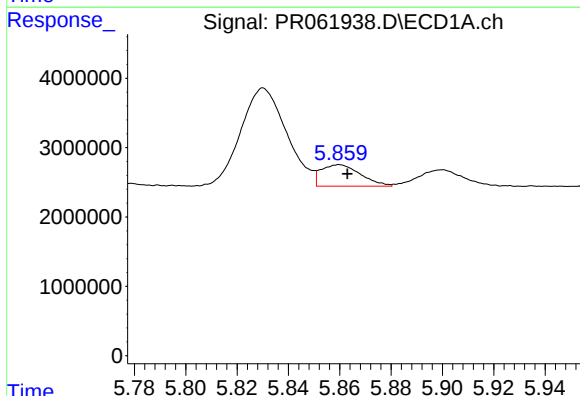
R.T.: 5.425 min
Delta R.T.: -0.004 min
Response: 23784205
Conc: 313.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



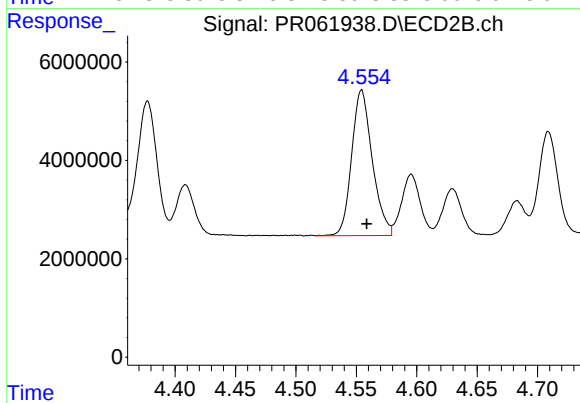
#23 AR-1248-3

R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 32908859
Conc: 346.77 ng/ml



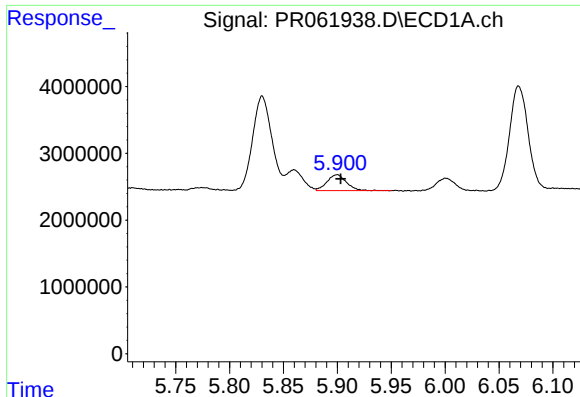
#24 AR-1248-4

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 3325563
Conc: 42.98 ng/ml



#24 AR-1248-4

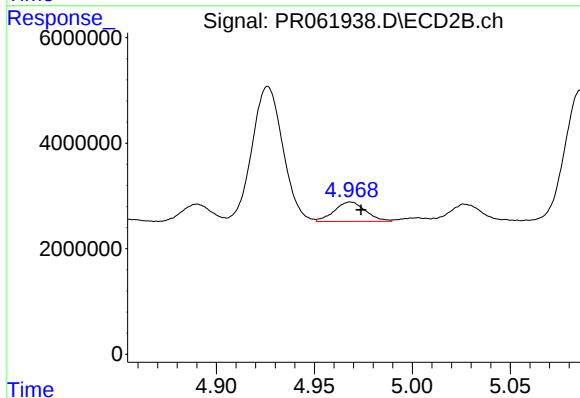
R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 35170272
Conc: 308.15 ng/ml



#25 AR-1248-5

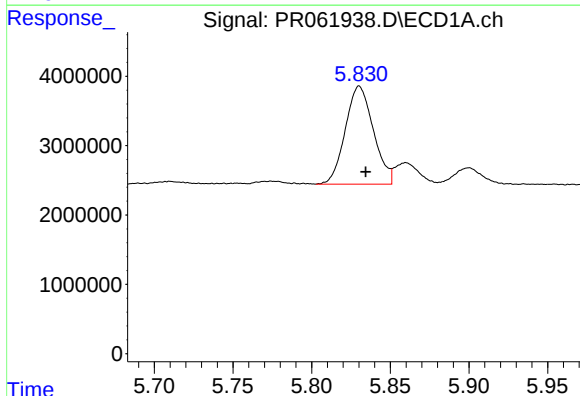
R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 2942486
Conc: 39.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



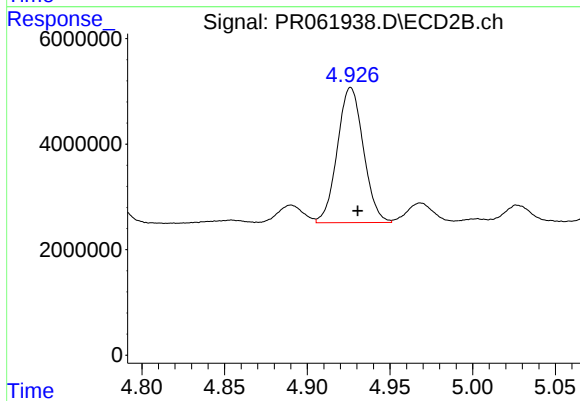
#25 AR-1248-5

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 4101357
Conc: 35.96 ng/ml



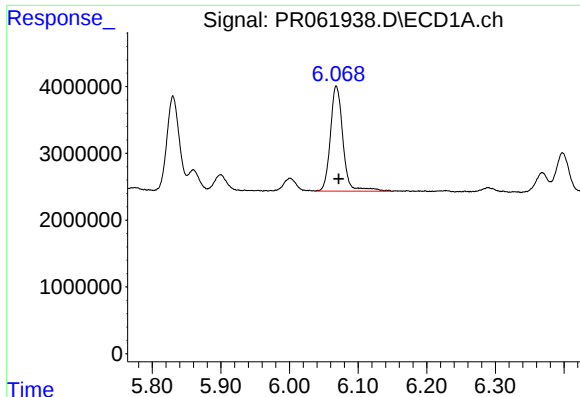
#26 AR-1254-1

R.T.: 5.830 min
Delta R.T.: -0.004 min
Response: 17572782
Conc: 205.81 ng/ml



#26 AR-1254-1

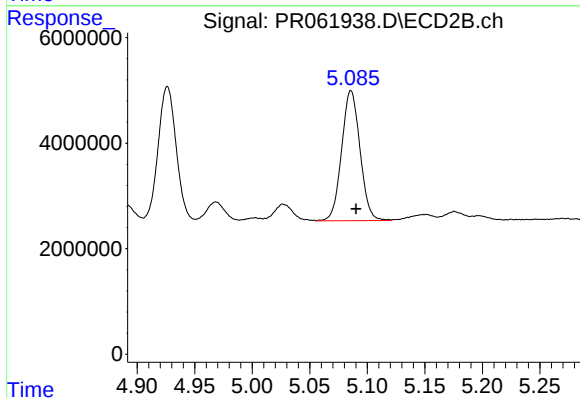
R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 28134474
Conc: 160.87 ng/ml



#27 AR-1254-2

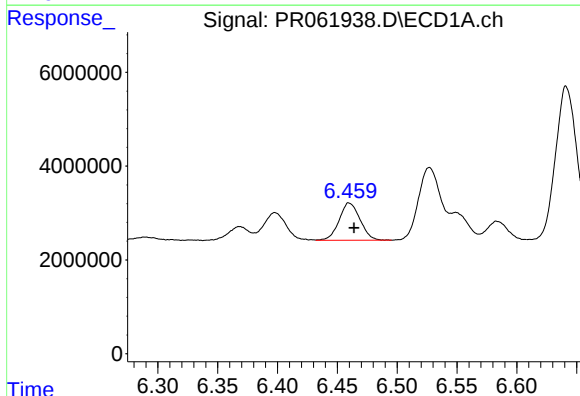
R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 20074140
Conc: 160.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



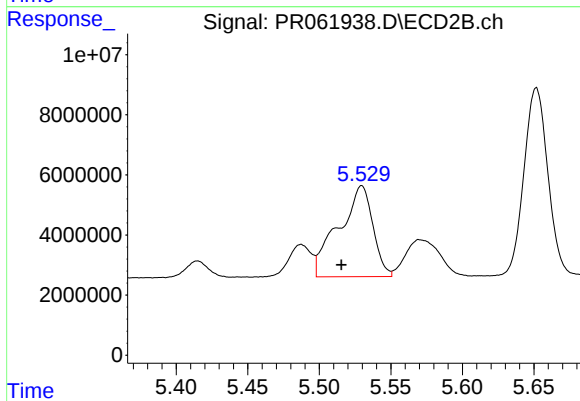
#27 AR-1254-2

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 27450331
Conc: 180.02 ng/ml



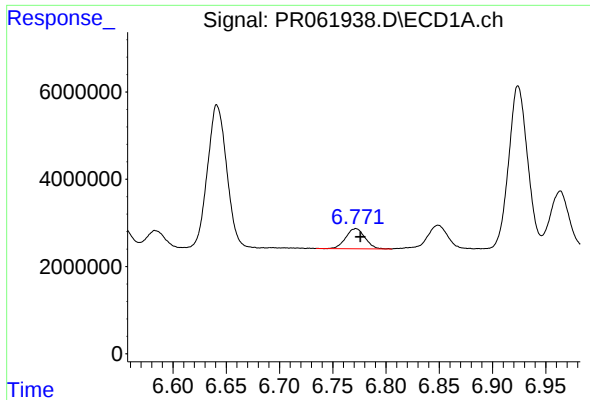
#28 AR-1254-3

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 9696995
Conc: 78.57 ng/ml



#28 AR-1254-3

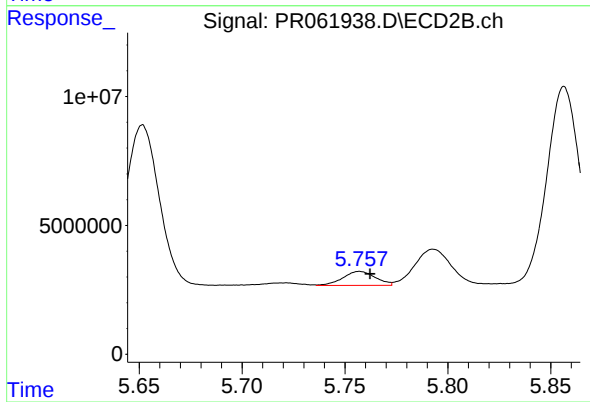
R.T.: 5.530 min
Delta R.T.: 0.014 min
Response: 50379365
Conc: 198.66 ng/ml



#29 AR-1254-4

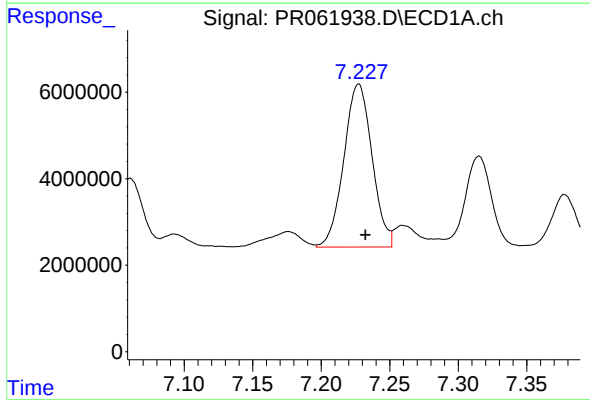
R.T.: 6.772 min
Delta R.T.: -0.004 min
Response: 5841973
Conc: 67.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



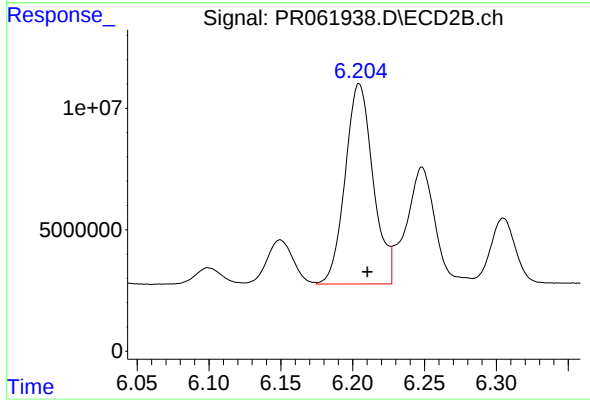
#29 AR-1254-4

R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 5972034
Conc: 36.27 ng/ml



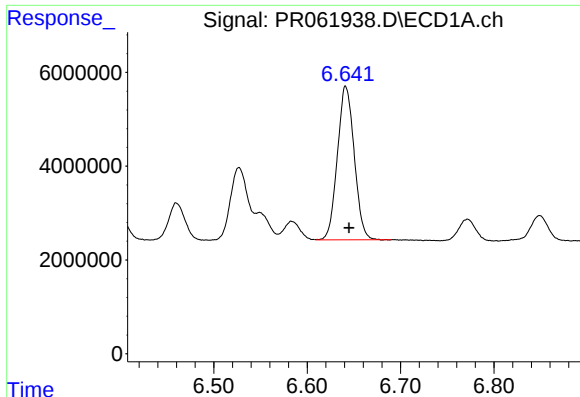
#30 AR-1254-5

R.T.: 7.227 min
Delta R.T.: -0.005 min
Response: 54050707
Conc: 585.99 ng/ml



#30 AR-1254-5

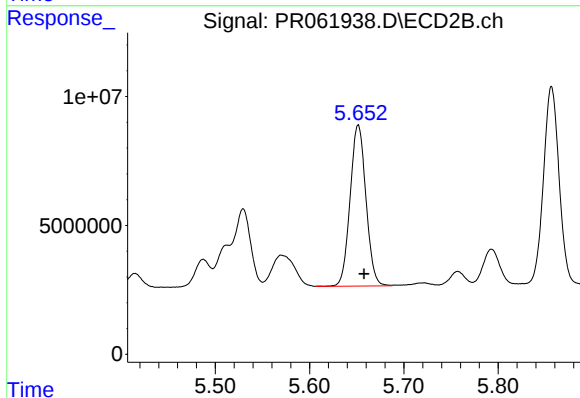
R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 111294643
Conc: 449.14 ng/ml



#31 AR-1260-1

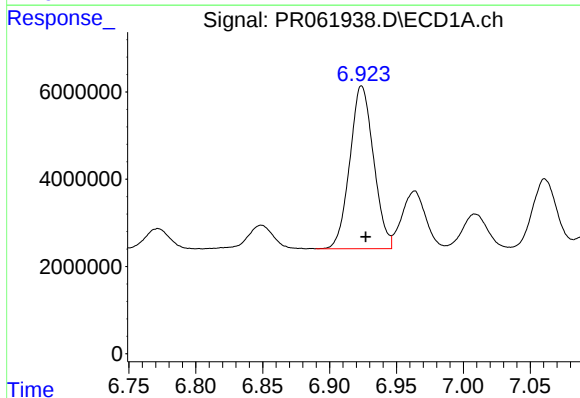
R.T.: 6.641 min
Delta R.T.: -0.004 min
Response: 41084809
Conc: 437.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



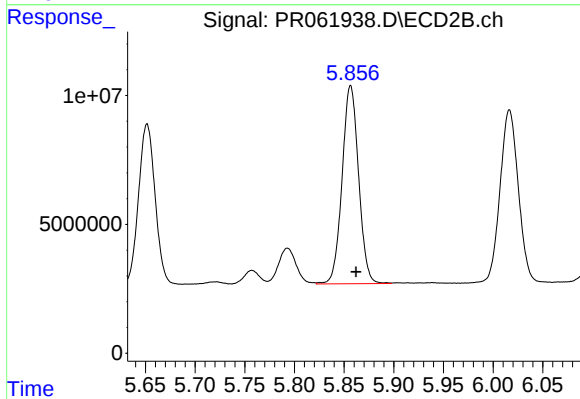
#31 AR-1260-1

R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 72985149
Conc: 426.91 ng/ml



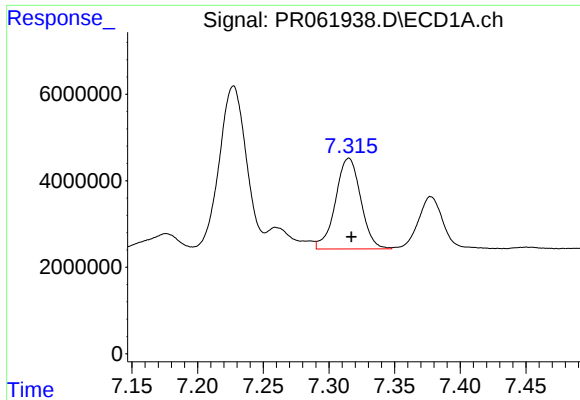
#32 AR-1260-2

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 46137233
Conc: 440.50 ng/ml



#32 AR-1260-2

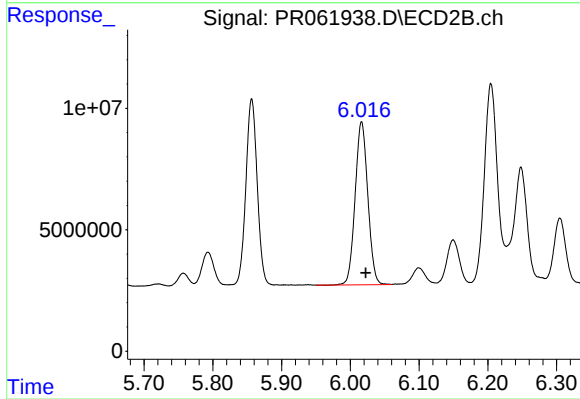
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 88805951
Conc: 426.34 ng/ml



#33 AR-1260-3

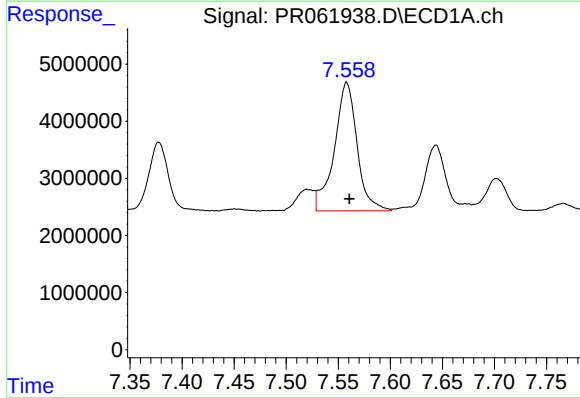
R.T.: 7.315 min
Delta R.T.: -0.002 min
Response: 28081178
Conc: 367.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



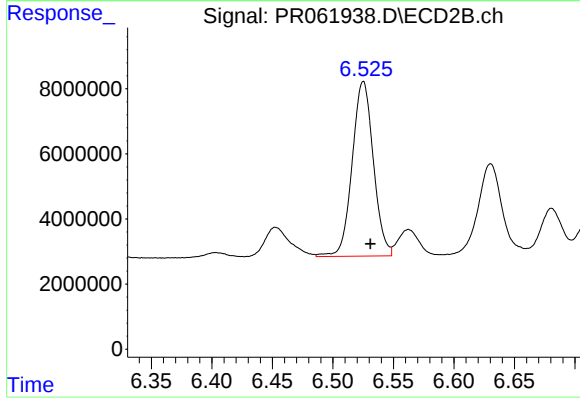
#33 AR-1260-3

R.T.: 6.016 min
Delta R.T.: -0.006 min
Response: 85932502
Conc: 420.24 ng/ml



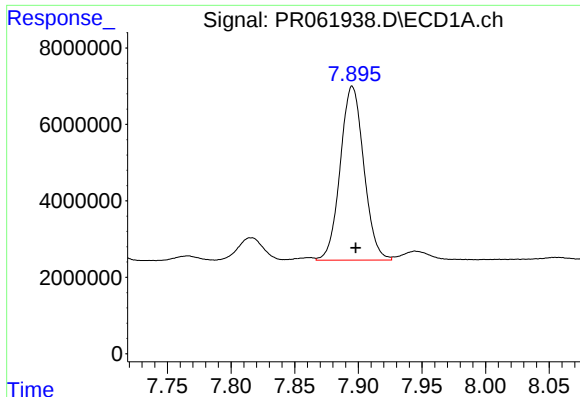
#34 AR-1260-4

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 34354267
Conc: 402.34 ng/ml



#34 AR-1260-4

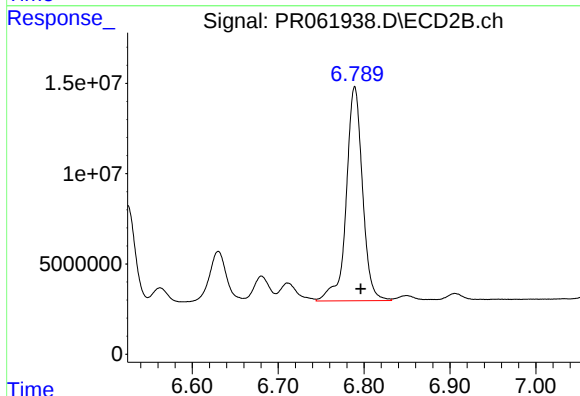
R.T.: 6.525 min
Delta R.T.: -0.006 min
Response: 65432237
Conc: 370.82 ng/ml



#35 AR-1260-5

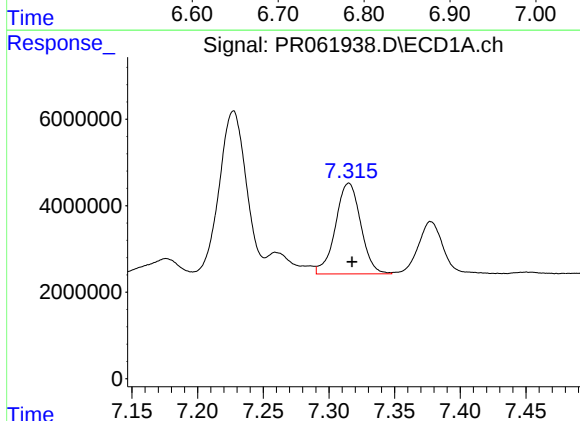
R.T.: 7.895 min
Delta R.T.: -0.003 min
Response: 58551443
Conc: 385.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



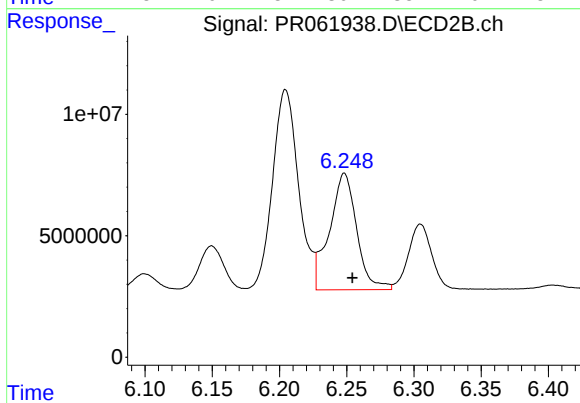
#35 AR-1260-5

R.T.: 6.789 min
Delta R.T.: -0.007 min
Response: 155926485
Conc: 375.47 ng/ml



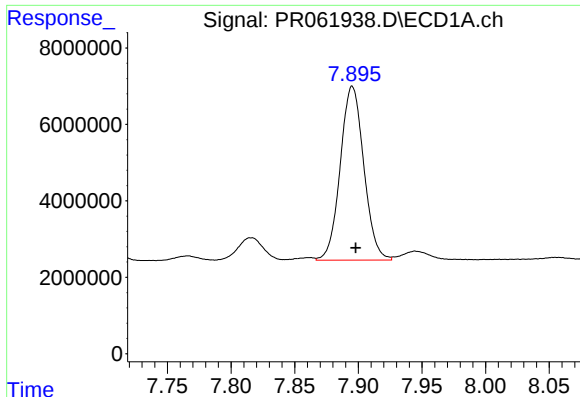
#36 AR-1262-1

R.T.: 7.315 min
Delta R.T.: -0.002 min
Response: 28081178
Conc: 253.02 ng/ml



#36 AR-1262-1

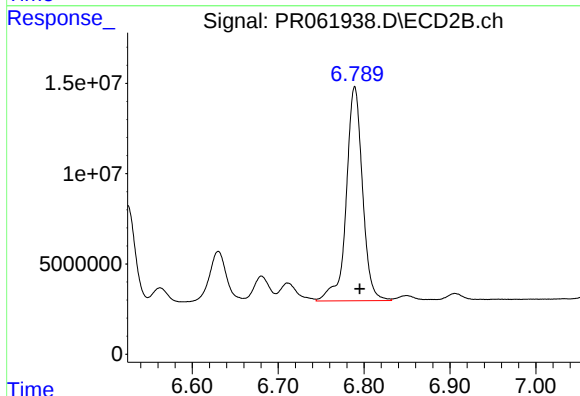
R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 67500870
Conc: 271.21 ng/ml



#37 AR-1262-2

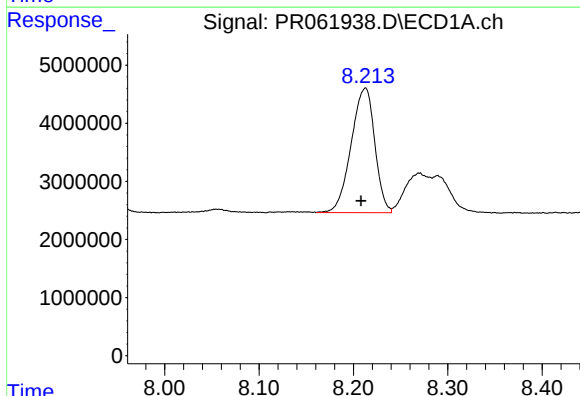
R.T.: 7.895 min
Delta R.T.: -0.003 min
Response: 58551443
Conc: 334.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



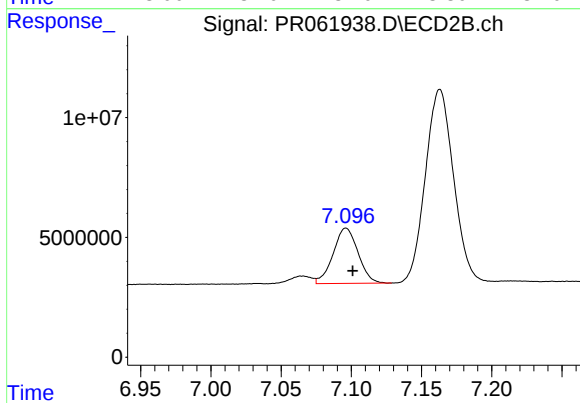
#37 AR-1262-2

R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 155926485
Conc: 333.35 ng/ml



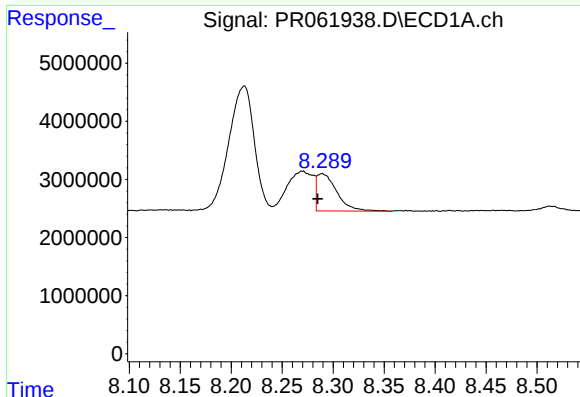
#38 AR-1262-3

R.T.: 8.213 min
Delta R.T.: 0.004 min
Response: 37319927
Conc: 317.23 ng/ml



#38 AR-1262-3

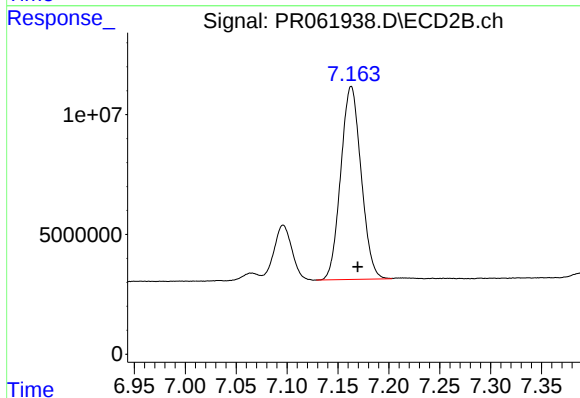
R.T.: 7.096 min
Delta R.T.: -0.005 min
Response: 28445454
Conc: 151.43 ng/ml



#39 AR-1262-4

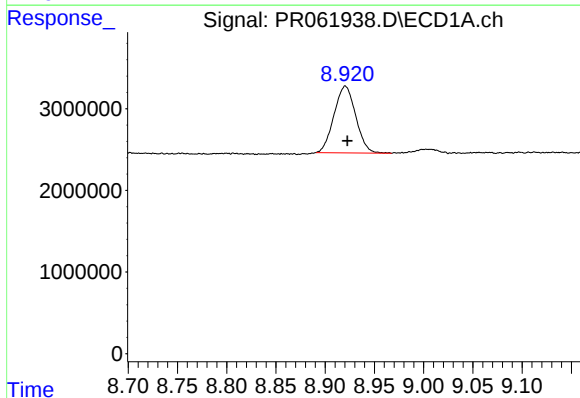
R.T.: 8.289 min
Delta R.T.: 0.004 min
Response: 8730421
Conc: 151.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



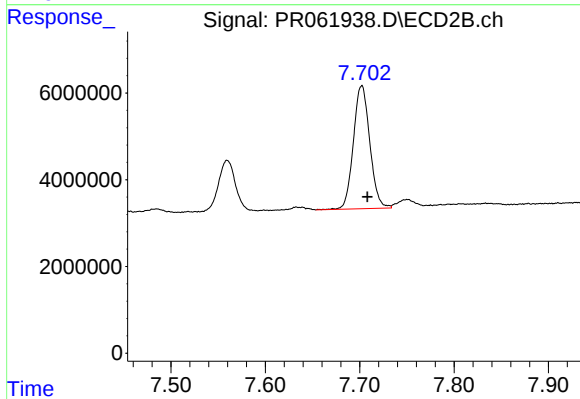
#39 AR-1262-4

R.T.: 7.163 min
Delta R.T.: -0.007 min
Response: 112219027
Conc: 315.59 ng/ml



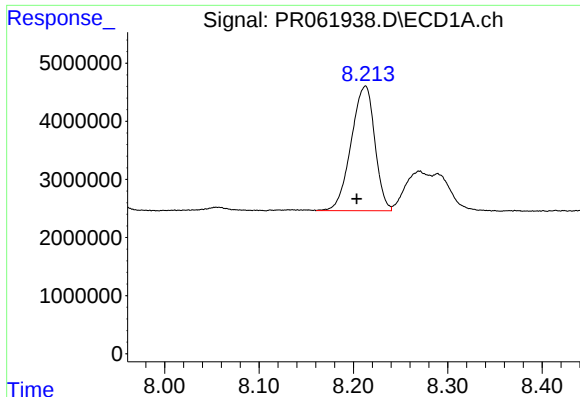
#40 AR-1262-5

R.T.: 8.921 min
Delta R.T.: -0.002 min
Response: 12542282
Conc: 206.26 ng/ml



#40 AR-1262-5

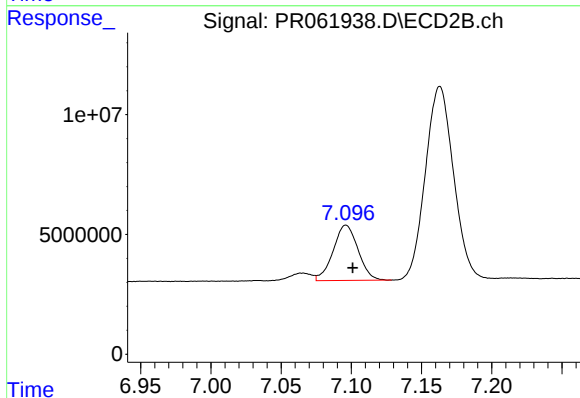
R.T.: 7.702 min
Delta R.T.: -0.006 min
Response: 34273397
Conc: 194.33 ng/ml



#41 AR-1268-1

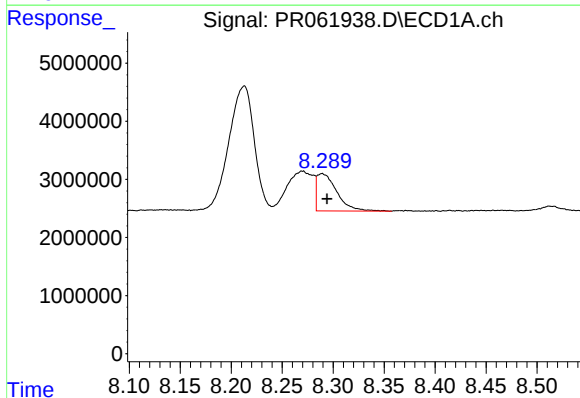
R.T.: 8.213 min
Delta R.T.: 0.009 min
Response: 37319927
Conc: 222.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



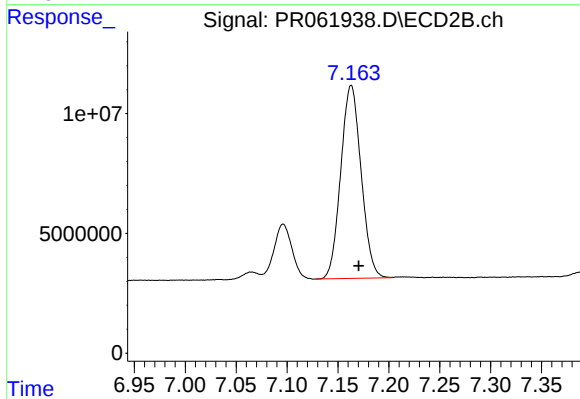
#41 AR-1268-1

R.T.: 7.096 min
Delta R.T.: -0.005 min
Response: 28445454
Conc: 64.99 ng/ml



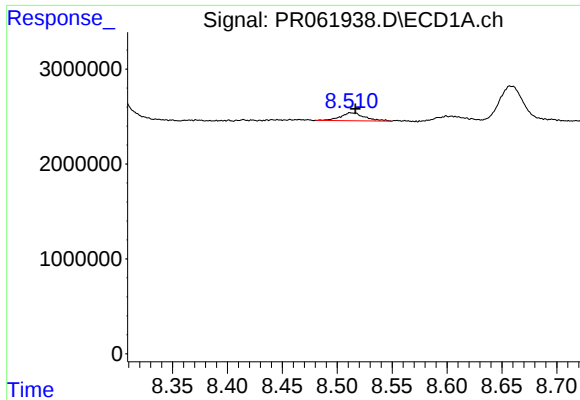
#42 AR-1268-2

R.T.: 8.289 min
Delta R.T.: -0.005 min
Response: 8730421
Conc: 55.84 ng/ml



#42 AR-1268-2

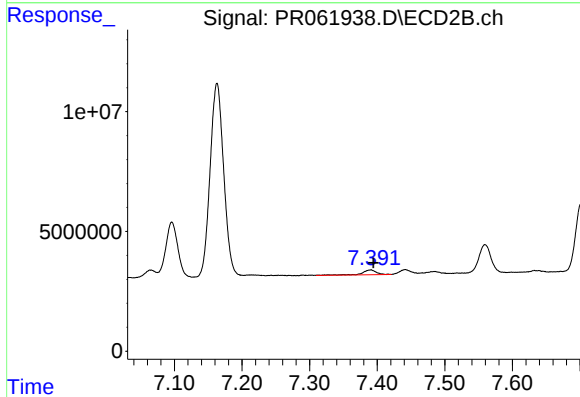
R.T.: 7.163 min
Delta R.T.: -0.008 min
Response: 112219027
Conc: 277.96 ng/ml



#43 AR-1268-3

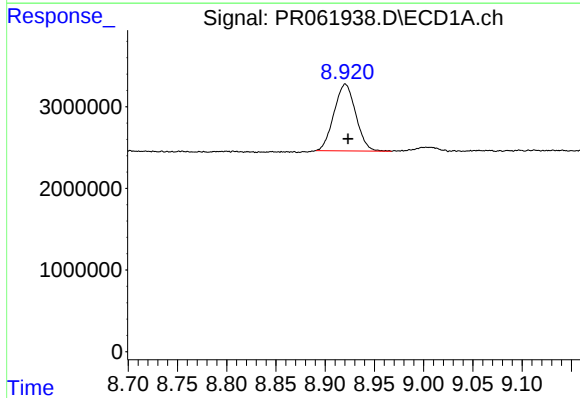
R.T.: 8.513 min
Delta R.T.: -0.004 min
Response: 1287615
Conc: 9.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



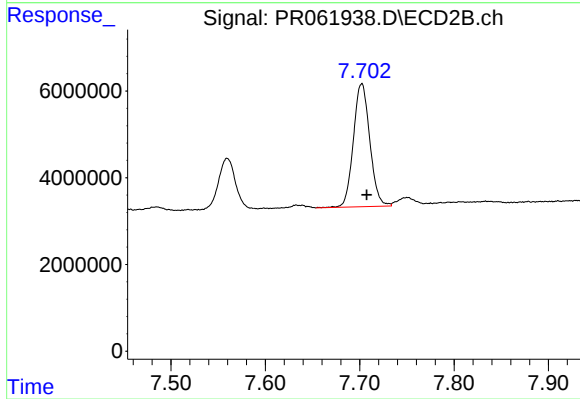
#43 AR-1268-3

R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 3117350
Conc: 8.89 ng/ml



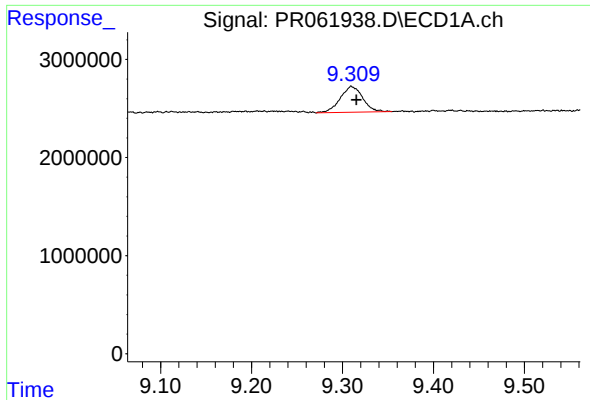
#44 AR-1268-4

R.T.: 8.921 min
Delta R.T.: -0.003 min
Response: 12542282
Conc: 230.21 ng/ml



#44 AR-1268-4

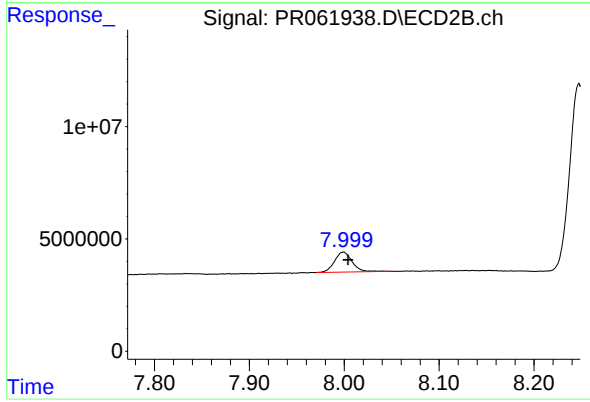
R.T.: 7.702 min
Delta R.T.: -0.005 min
Response: 34273397
Conc: 218.10 ng/ml



#45 AR-1268-5

R.T.: 9.310 min
Delta R.T.: -0.005 min
Response: 4544810
Conc: 11.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 11548553
Conc: 10.18 ng/ml