

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR073019\
 Data File : PR039866.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 00:23
 Operator : SM\AJ
 Sample : K4063-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 S3-02-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 08:10:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 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...	3.753	4.598	42838426	171.2E6	17.850	17.080
2)	SA Decachlor...	8.688	10.328	20465646	90395353	8.237	9.629
Target Compounds							
3)	L1 AR-1016-1	4.822	0.000	1011675	0	11.507	N.D. #
4)	L1 AR-1016-2	4.844	0.000	256482	0	1.771	N.D. #
5)	L1 AR-1016-3	5.053	0.000	1274627	0	18.351	N.D. #
6)	L1 AR-1016-4	5.053	0.000	1274627	0	22.643	N.D. #
7)	L1 AR-1016-5	5.296	6.238	822164	20317476	10.962	80.869 #
8)	L2 AR-1221-1	4.008	0.000	232288	0	7.137	N.D. #
9)	L2 AR-1221-2	4.050	0.000	1019660	0	41.908	N.D. #
10)	L2 AR-1221-3	4.120	4.979	1898213	6891879	24.237	22.565
11)	L3 AR-1232-1	4.120	4.979	1898213	6891879	24.289	23.702
12)	L3 AR-1232-2	4.844	0.000	256482	0	2.729	N.D. #
13)	L3 AR-1232-3	5.053	0.000	1274627	0	30.153	N.D. #
14)	L3 AR-1232-4	5.120	0.000	5089204	0	127.865	N.D. #
15)	L3 AR-1232-5	5.296	0.000	822164	0	19.427	N.D. #
16)	L4 AR-1242-1	4.822	0.000	1011675	0	11.081	N.D. #
17)	L4 AR-1242-2	4.844	0.000	256482	0	1.789	N.D. #
18)	L4 AR-1242-3	5.053	0.000	1274627	0	18.035	N.D. #
19)	L4 AR-1242-4	5.120	0.000	5089204	0	72.756	N.D. #
20)	L4 AR-1242-5	5.611	6.637	6761850	27734087	68.075	95.618 #
21)	L5 AR-1248-1	4.822	0.000	1011675	0	13.980	N.D. #
22)	L5 AR-1248-2	5.053	0.000	1274627	0	16.292	N.D. #
23)	L5 AR-1248-3	5.120	6.238	5089204	20317476	47.658	46.614
24)	L5 AR-1248-4	5.296	6.637	822164	27734087	6.210	53.394 #
25)	L5 AR-1248-5	5.679	6.637	2512709	27734087	17.336	56.265 #
26)	L6 AR-1254-1	5.611	6.588	6761850	22487412	43.843	61.737 #
27)	L6 AR-1254-2	5.751	6.814	3882270	12253576	29.651	21.453 #
28)	L6 AR-1254-3	6.148	7.192	7954229	9372942	35.601	15.033 #
29)	L6 AR-1254-4	6.372	7.458	4170831	5163522	28.682	11.401 #
30)	L6 AR-1254-5	6.783	7.873	18441199	57639285	96.847	121.396 #
31)	L7 AR-1260-1	6.275	7.334	6551124	31417170	44.954	70.804 #
32)	L7 AR-1260-2	6.460	7.589	11681868	58283432	63.449	106.325 #
33)	L7 AR-1260-3	6.611	7.943	8432330	14451992	50.899	34.472 #
34)	L7 AR-1260-4	7.075	8.171	5900215	22238218	42.446	46.090
35)	L7 AR-1260-5	7.315	8.497	10303966	35843524	29.867	34.946
36)	L8 AR-1262-1	6.874	7.943	5634318	14451992	38.374	13.921 #
37)	L8 AR-1262-2	7.315	8.497	10303966	35843524	15.245	17.793
38)	L8 AR-1262-3	7.594	8.832	3309084	29285605	13.930	23.339 #
39)	L8 AR-1262-4	7.658	8.906	7547884	16582231	16.299	17.569
40)	L8 AR-1262-5	8.149	9.571	3342285	13415111	17.189	21.118
41)	L9 AR-1268-1	7.594	8.832	3309084	29285605	4.317	12.342 #

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 Acq On : 31 Jul 2019 00:23
 Operator : SM\AJ
 Sample : K4063-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

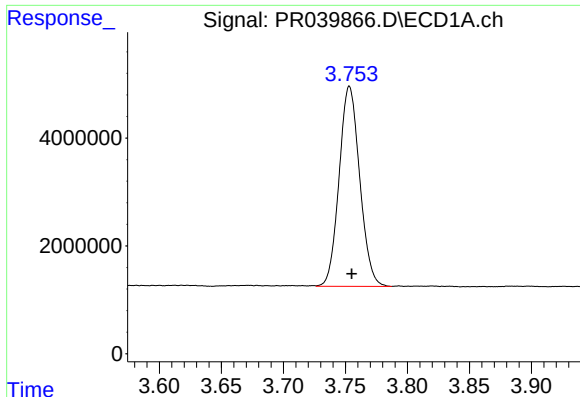
Instrument :
 ECD_R
 ClientSampleId :
 S3-02-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 08:10:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	7.658	8.906	7547884	16582231	10.751	7.469 #
43) L9	AR-1268-3	7.860	0.000	2167488	0	3.900	N.D. #
44) L9	AR-1268-4	8.149	9.571	3342285	13415111	14.507	18.091
45) L9	AR-1268-5	8.437	9.990	3323463	14845778	1.950	2.538 #

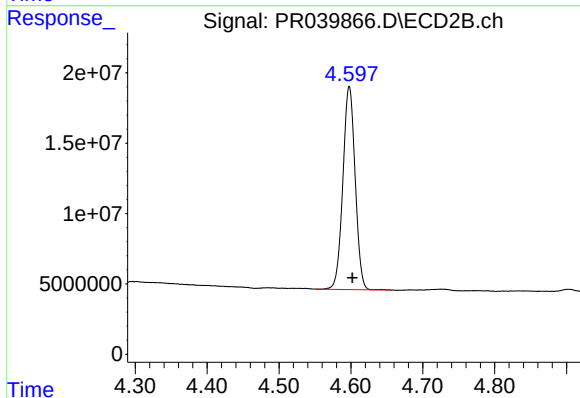
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

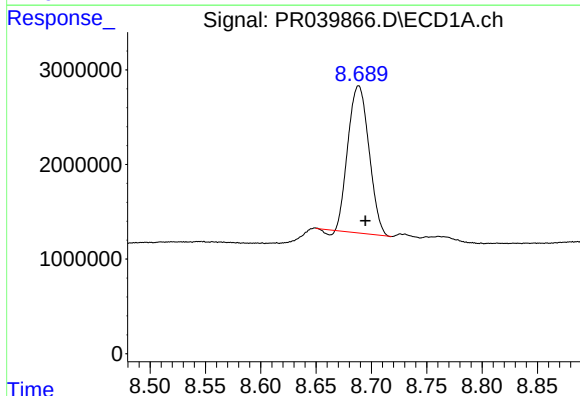
R.T.: 3.753 min
Delta R.T.: -0.002 min
Response: 42838426
Conc: 17.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



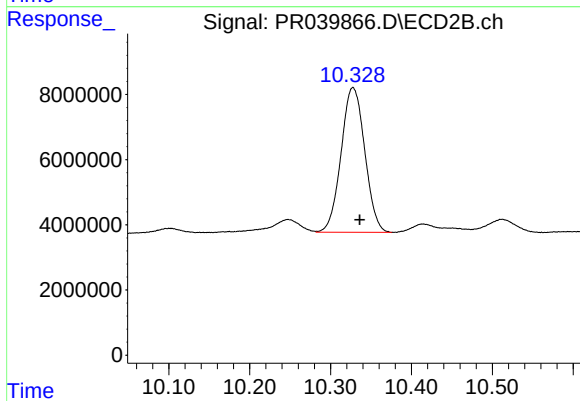
#1 Tetrachloro-m-xylene

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 171211035
Conc: 17.08 ng/ml



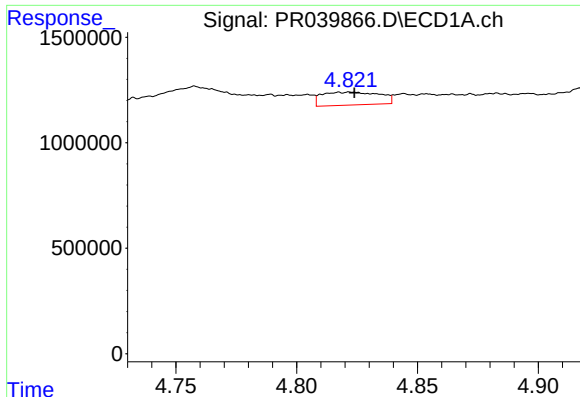
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: -0.006 min
Response: 20465646
Conc: 8.24 ng/ml



#2 Decachlorobiphenyl

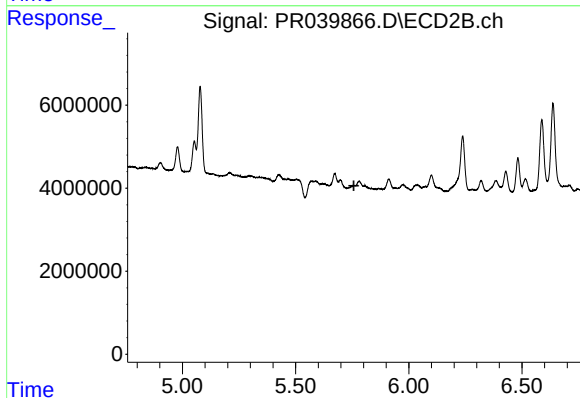
R.T.: 10.328 min
Delta R.T.: -0.008 min
Response: 90395353
Conc: 9.63 ng/ml



#3 AR-1016-1

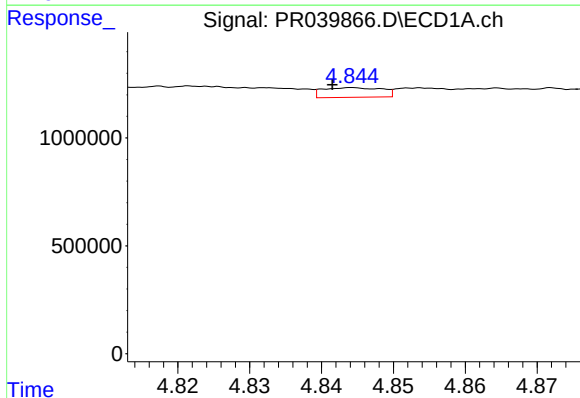
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 1011675
Conc: 11.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



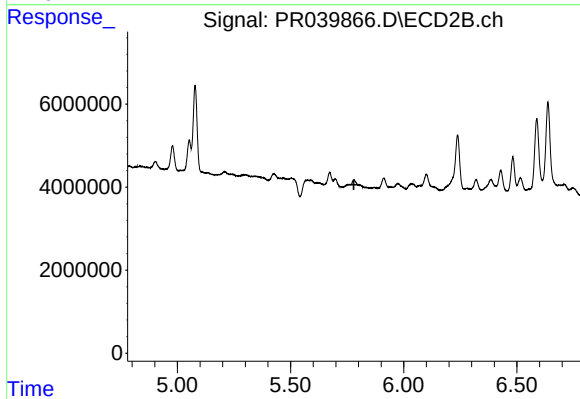
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



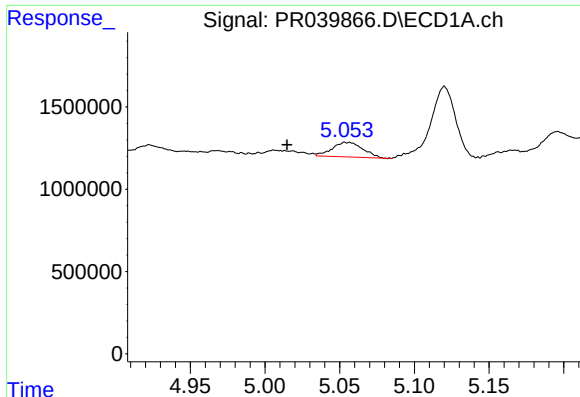
#4 AR-1016-2

R.T.: 4.844 min
Delta R.T.: 0.003 min
Response: 256482
Conc: 1.77 ng/ml



#4 AR-1016-2

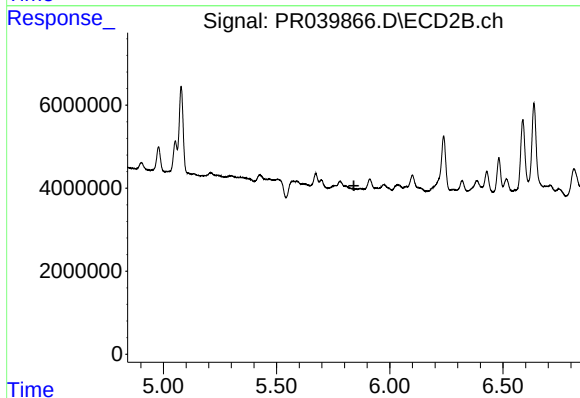
R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



#5 AR-1016-3

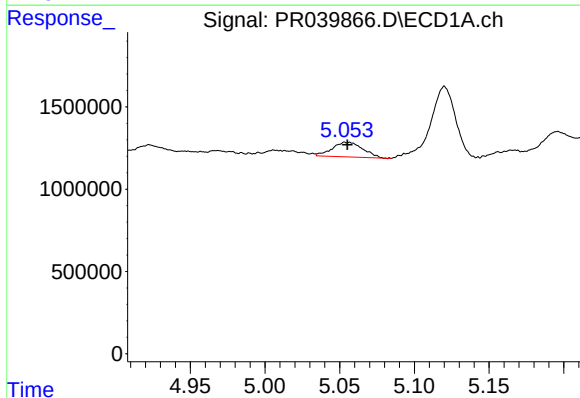
R.T.: 5.053 min
Delta R.T.: 0.039 min
Response: 1274627
Conc: 18.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



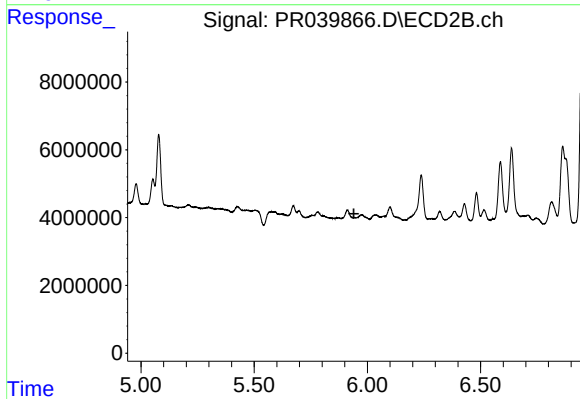
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



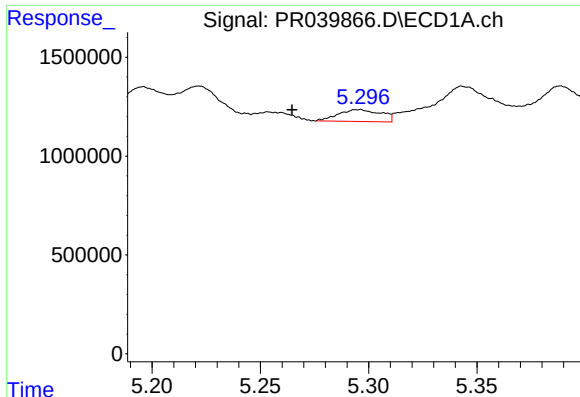
#6 AR-1016-4

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 1274627
Conc: 22.64 ng/ml



#6 AR-1016-4

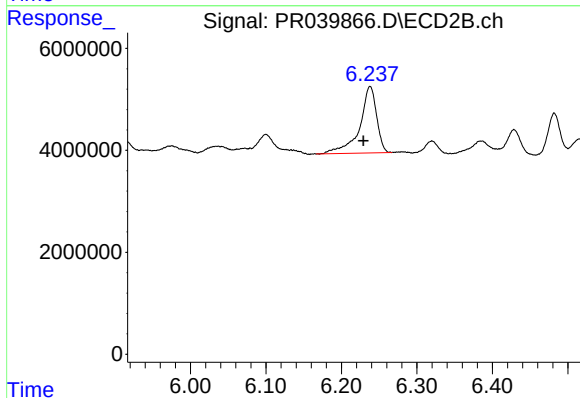
R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#7 AR-1016-5

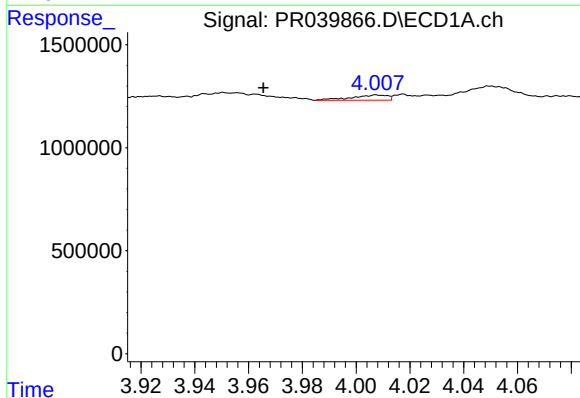
R.T.: 5.296 min
Delta R.T.: 0.032 min
Response: 822164
Conc: 10.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



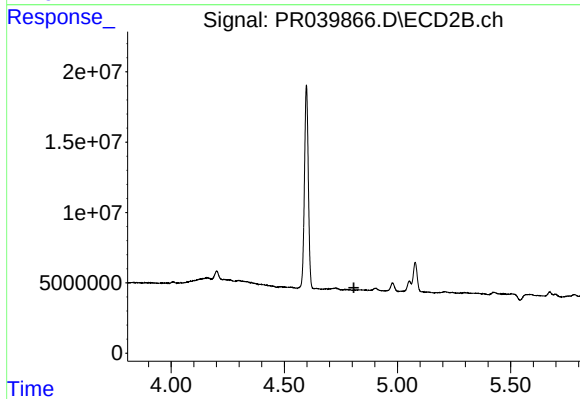
#7 AR-1016-5

R.T.: 6.238 min
Delta R.T.: 0.009 min
Response: 20317476
Conc: 80.87 ng/ml



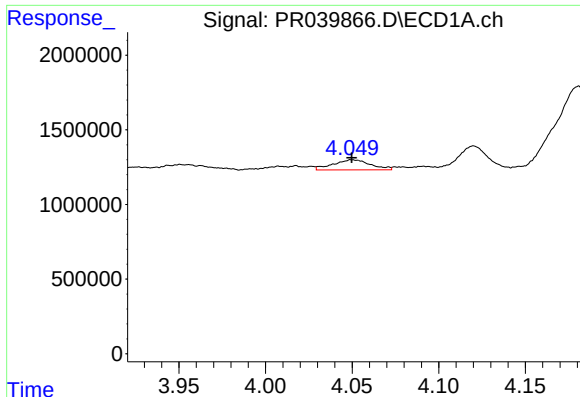
#8 AR-1221-1

R.T.: 4.008 min
Delta R.T.: 0.042 min
Response: 232288
Conc: 7.14 ng/ml



#8 AR-1221-1

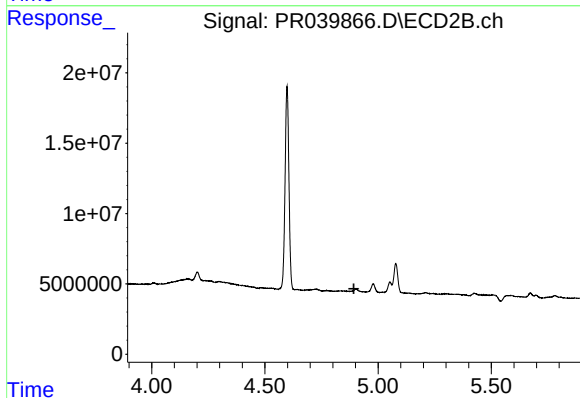
R.T.: 0.000 min
Exp R.T. : 4.808 min
Response: 0
Conc: N.D.



#9 AR-1221-2

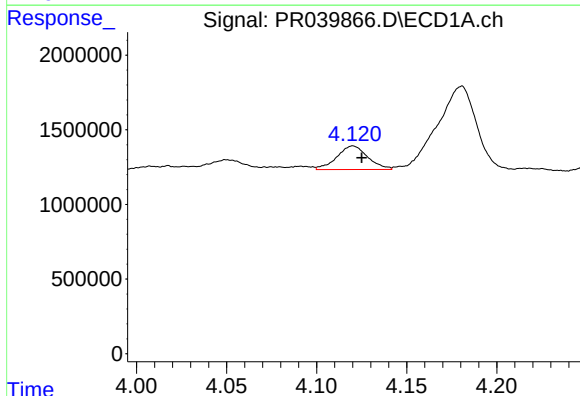
R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 1019660
Conc: 41.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



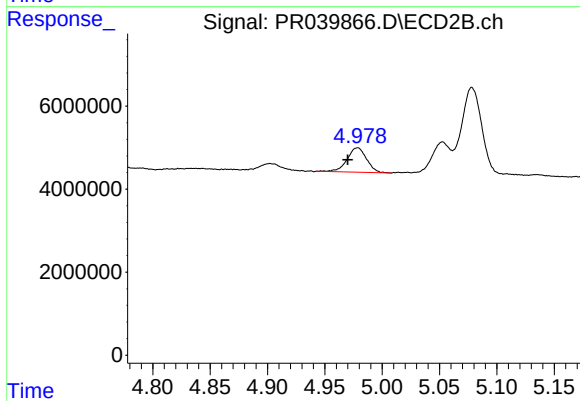
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.



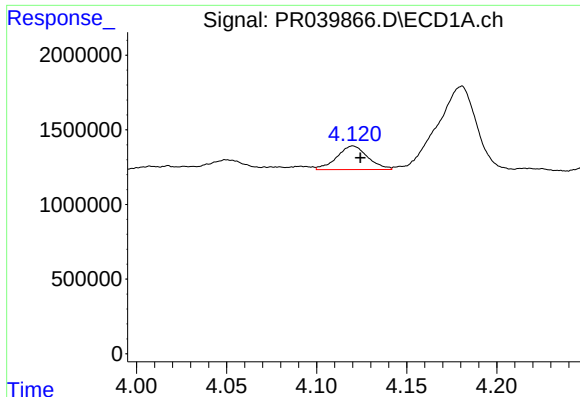
#10 AR-1221-3

R.T.: 4.120 min
Delta R.T.: -0.005 min
Response: 1898213
Conc: 24.24 ng/ml



#10 AR-1221-3

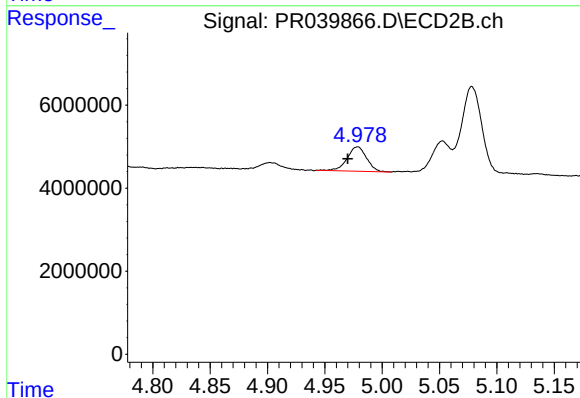
R.T.: 4.979 min
Delta R.T.: 0.009 min
Response: 6891879
Conc: 22.57 ng/ml



#11 AR-1232-1

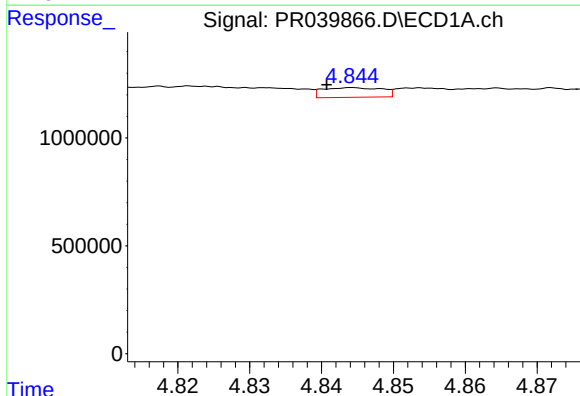
R.T.: 4.120 min
Delta R.T.: -0.004 min
Response: 1898213
Conc: 24.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



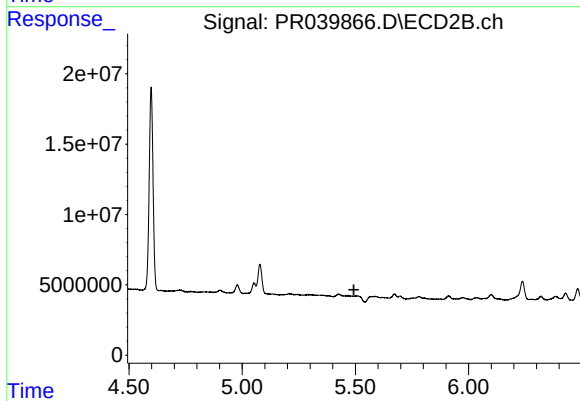
#11 AR-1232-1

R.T.: 4.979 min
Delta R.T.: 0.009 min
Response: 6891879
Conc: 23.70 ng/ml



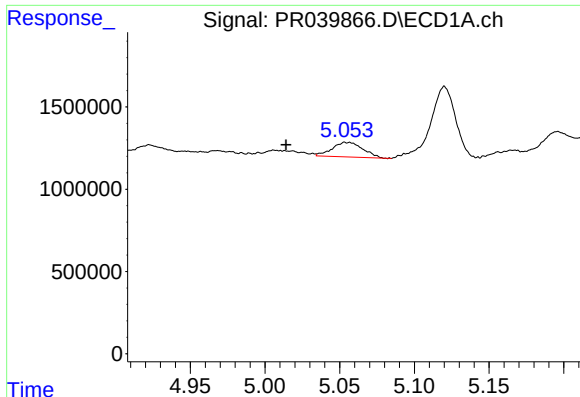
#12 AR-1232-2

R.T.: 4.844 min
Delta R.T.: 0.004 min
Response: 256482
Conc: 2.73 ng/ml



#12 AR-1232-2

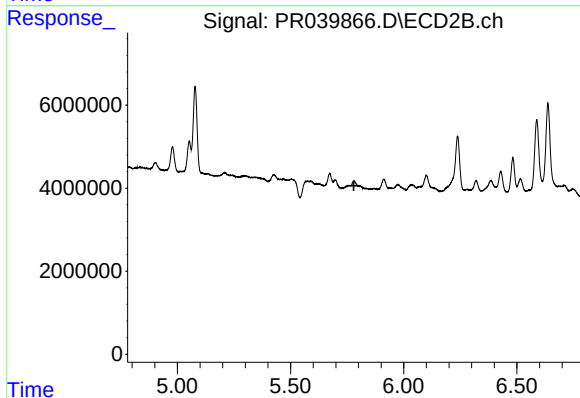
R.T.: 0.000 min
Exp R.T.: 5.494 min
Response: 0
Conc: N.D.



#13 AR-1232-3

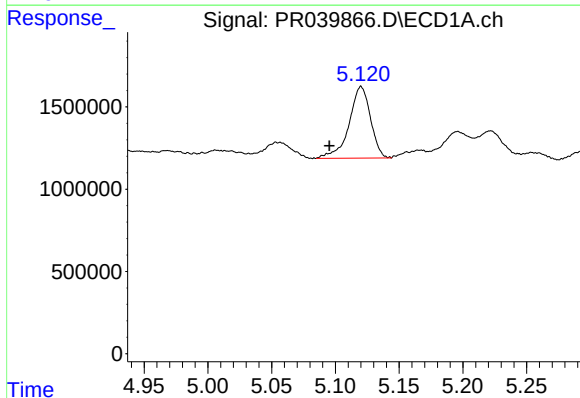
R.T.: 5.053 min
Delta R.T.: 0.039 min
Response: 1274627
Conc: 30.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



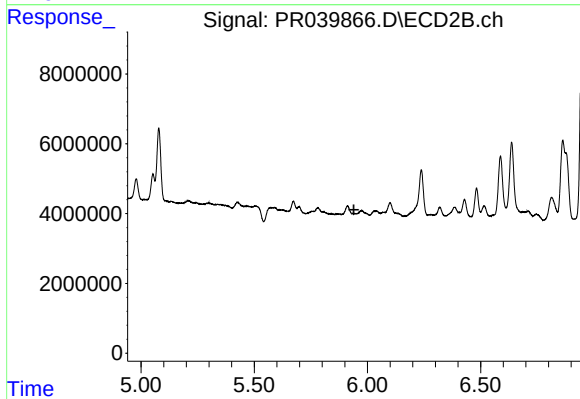
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



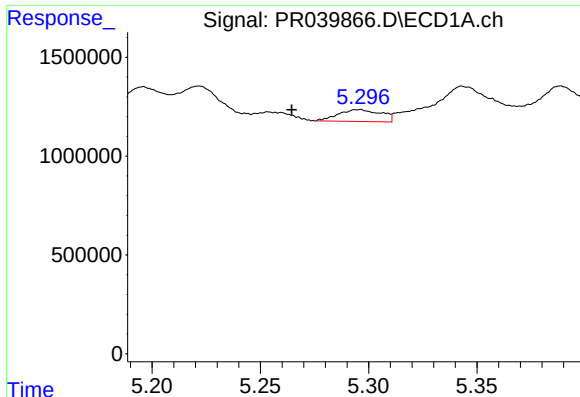
#14 AR-1232-4

R.T.: 5.120 min
Delta R.T.: 0.025 min
Response: 5089204
Conc: 127.87 ng/ml



#14 AR-1232-4

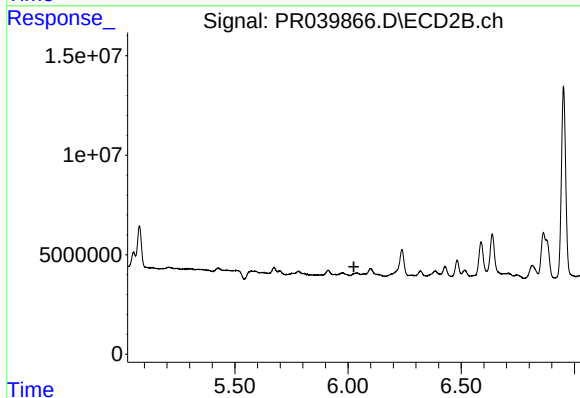
R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



#15 AR-1232-5

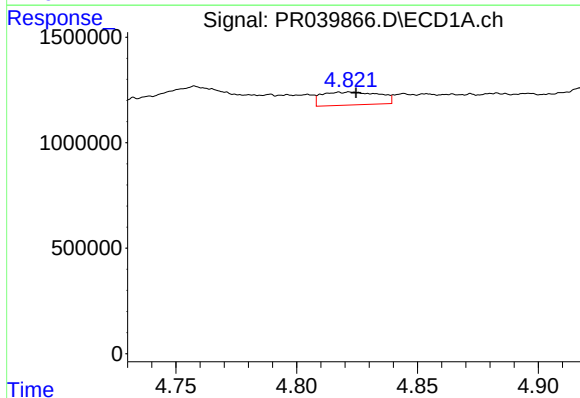
R.T.: 5.296 min
Delta R.T.: 0.032 min
Response: 822164
Conc: 19.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



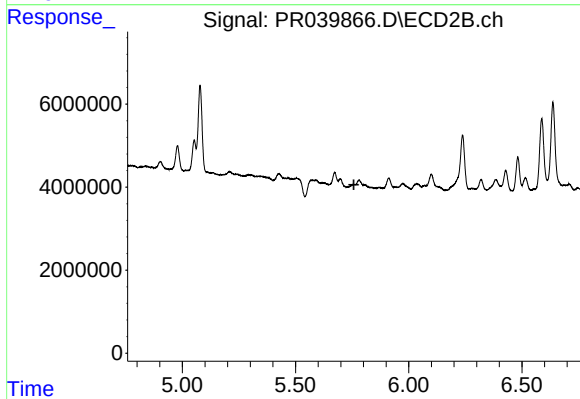
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



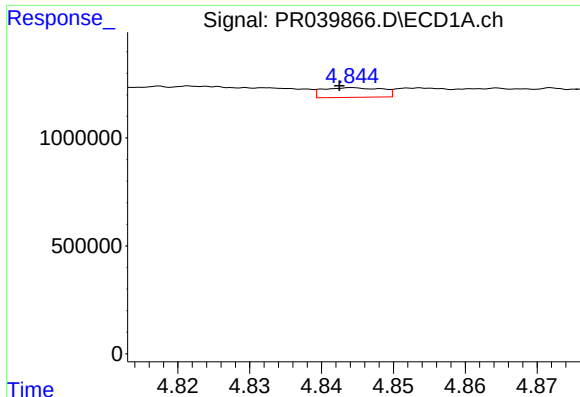
#16 AR-1242-1

R.T.: 4.822 min
Delta R.T.: -0.003 min
Response: 1011675
Conc: 11.08 ng/ml



#16 AR-1242-1

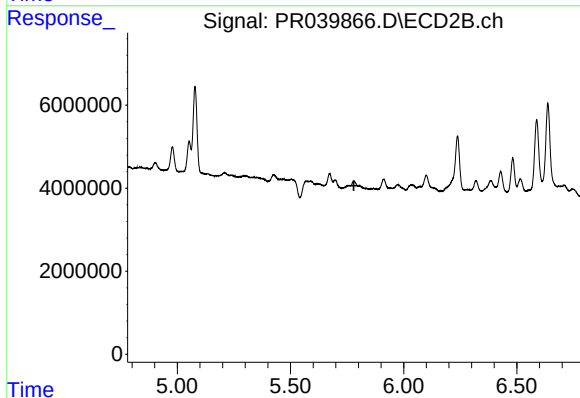
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#17 AR-1242-2

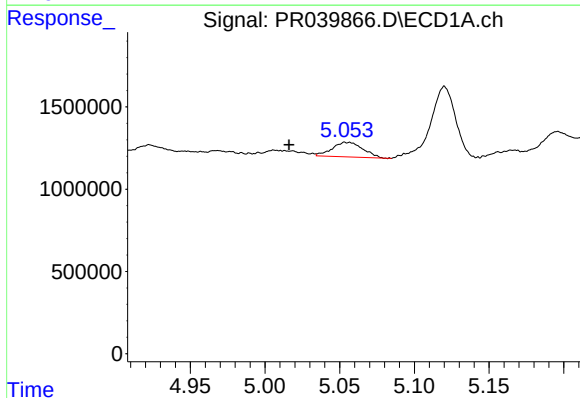
R.T.: 4.844 min
Delta R.T.: 0.002 min
Response: 256482
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



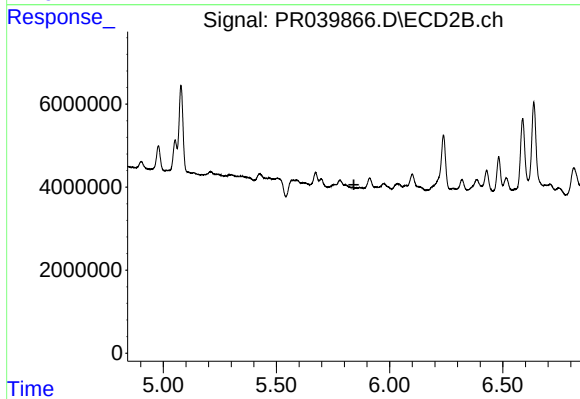
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.780 min
Response: 0
Conc: N.D.



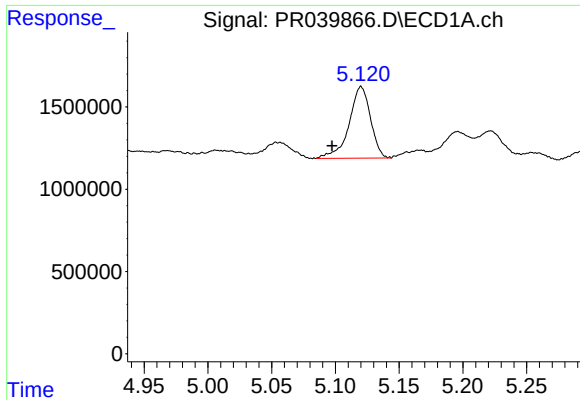
#18 AR-1242-3

R.T.: 5.053 min
Delta R.T.: 0.037 min
Response: 1274627
Conc: 18.03 ng/ml



#18 AR-1242-3

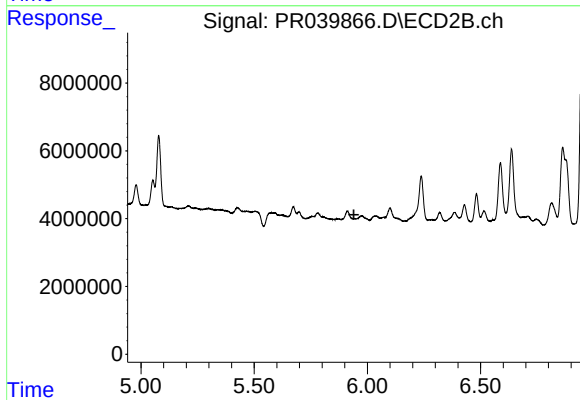
R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

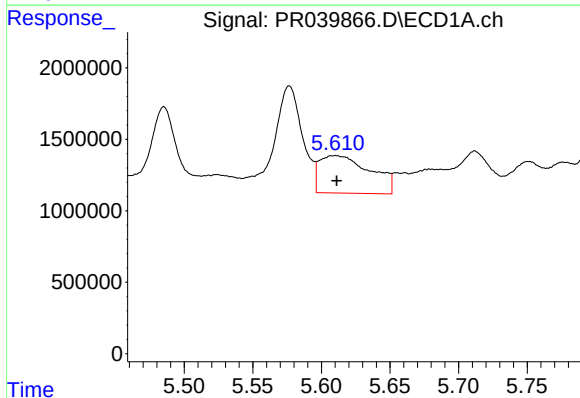
R.T.: 5.120 min
Delta R.T.: 0.023 min
Response: 5089204
Conc: 72.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



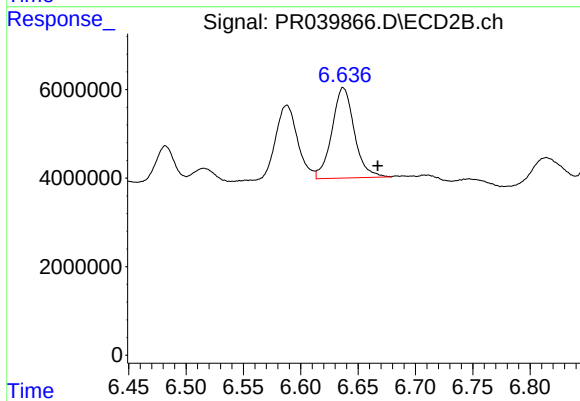
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



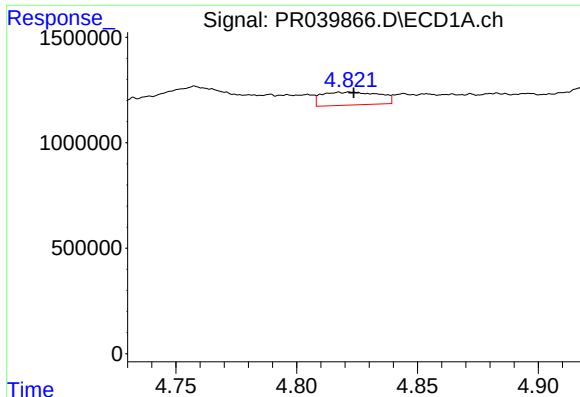
#20 AR-1242-5

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 6761850
Conc: 68.07 ng/ml



#20 AR-1242-5

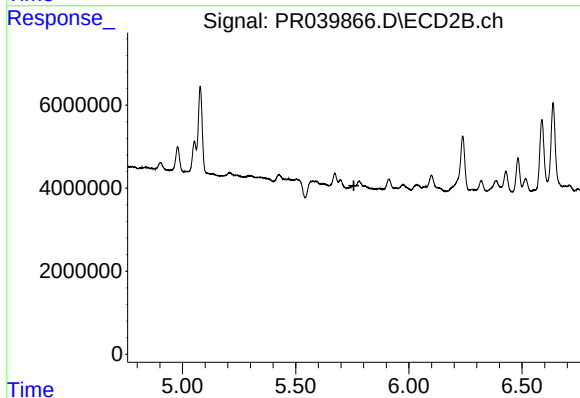
R.T.: 6.637 min
Delta R.T.: -0.030 min
Response: 27734087
Conc: 95.62 ng/ml



#21 AR-1248-1

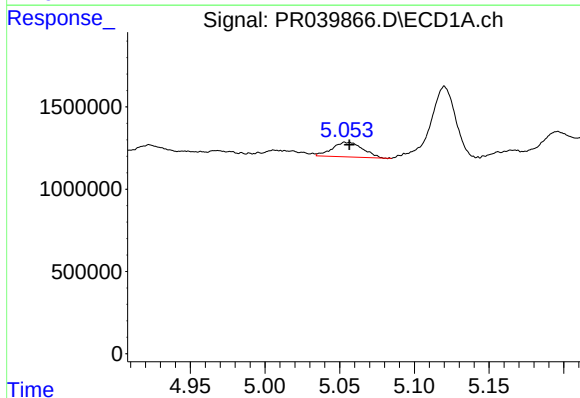
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 1011675
Conc: 13.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



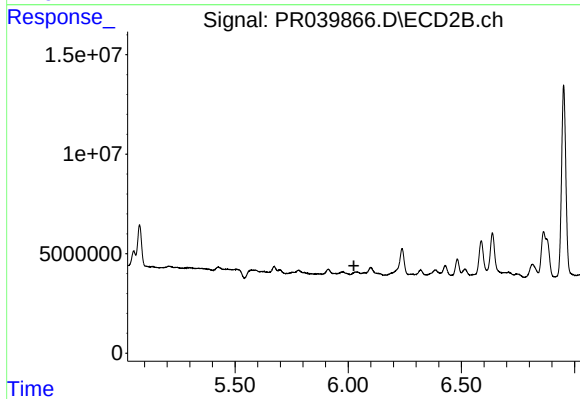
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



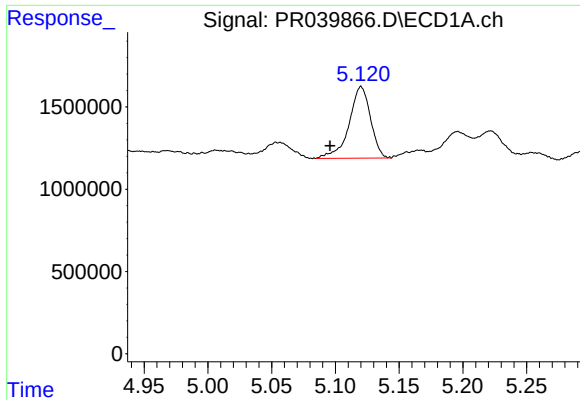
#22 AR-1248-2

R.T.: 5.053 min
Delta R.T.: -0.003 min
Response: 1274627
Conc: 16.29 ng/ml



#22 AR-1248-2

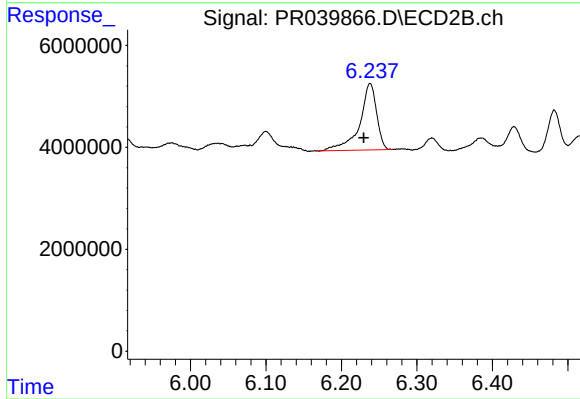
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#23 AR-1248-3

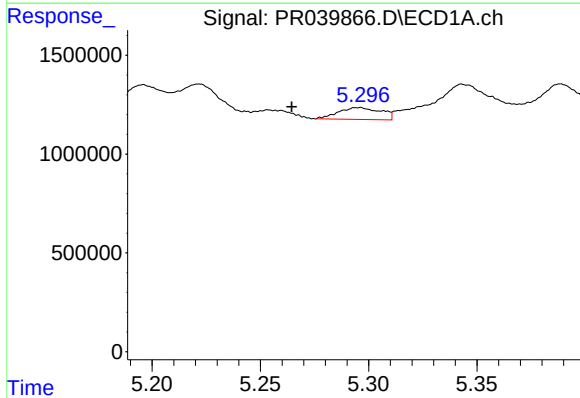
R.T.: 5.120 min
Delta R.T.: 0.024 min
Response: 5089204
Conc: 47.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



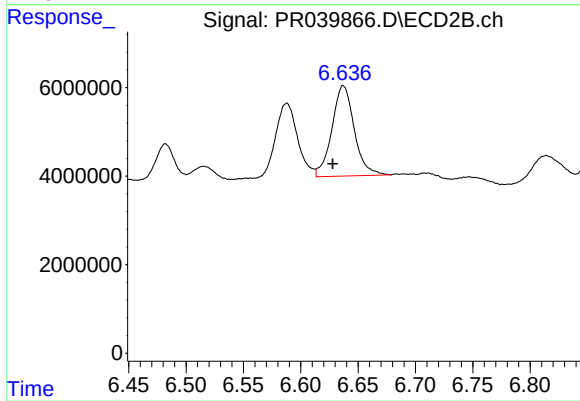
#23 AR-1248-3

R.T.: 6.238 min
Delta R.T.: 0.009 min
Response: 20317476
Conc: 46.61 ng/ml



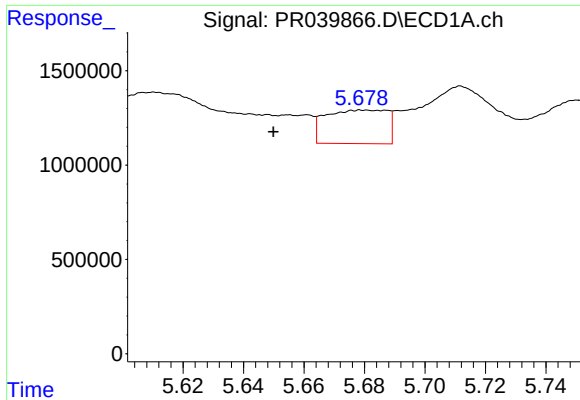
#24 AR-1248-4

R.T.: 5.296 min
Delta R.T.: 0.032 min
Response: 822164
Conc: 6.21 ng/ml



#24 AR-1248-4

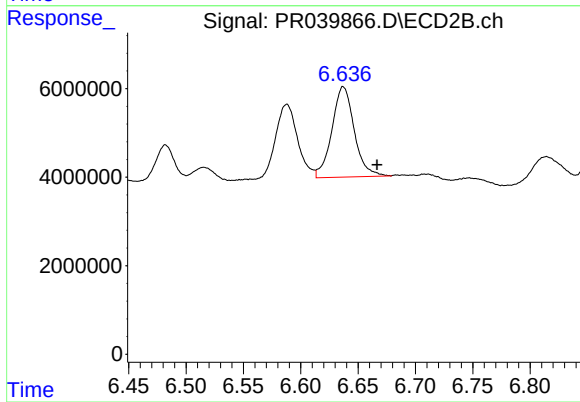
R.T.: 6.637 min
Delta R.T.: 0.009 min
Response: 27734087
Conc: 53.39 ng/ml



#25 AR-1248-5

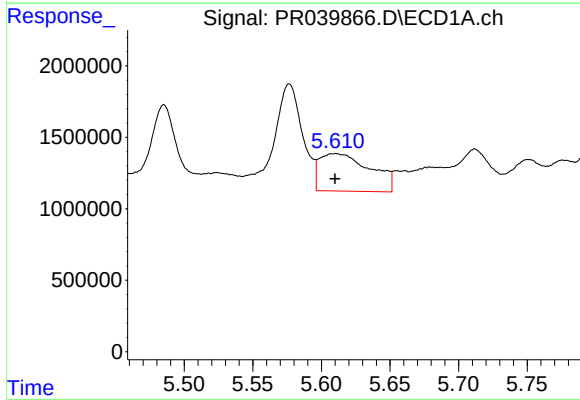
R.T.: 5.679 min
Delta R.T.: 0.029 min
Response: 2512709
Conc: 17.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



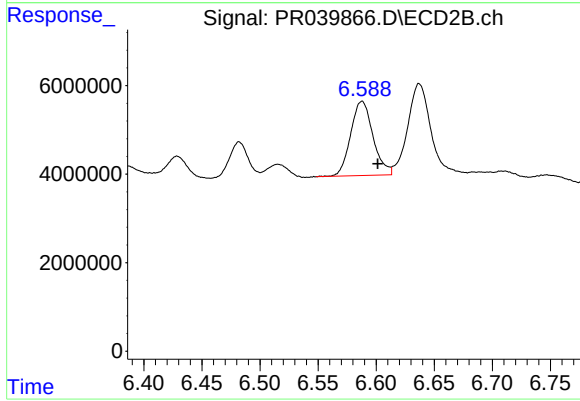
#25 AR-1248-5

R.T.: 6.637 min
Delta R.T.: -0.029 min
Response: 27734087
Conc: 56.26 ng/ml



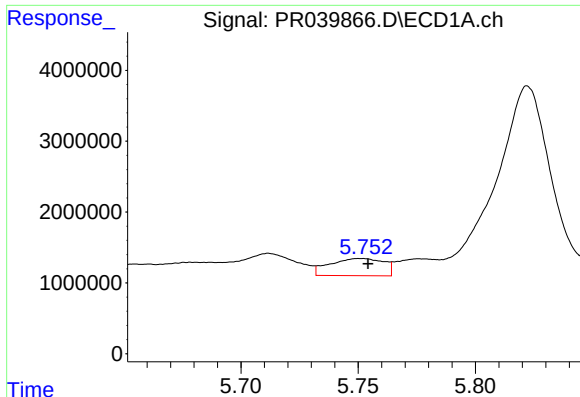
#26 AR-1254-1

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 6761850
Conc: 43.84 ng/ml



#26 AR-1254-1

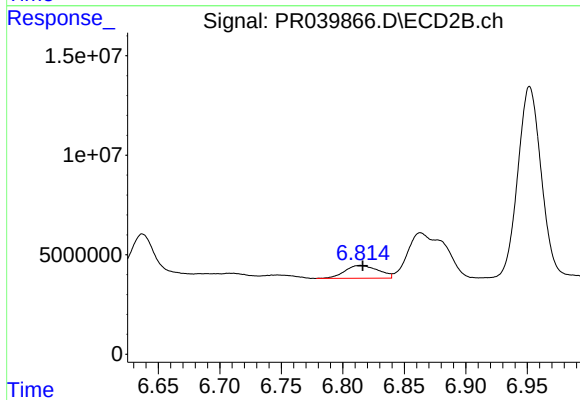
R.T.: 6.588 min
Delta R.T.: -0.013 min
Response: 22487412
Conc: 61.74 ng/ml



#27 AR-1254-2

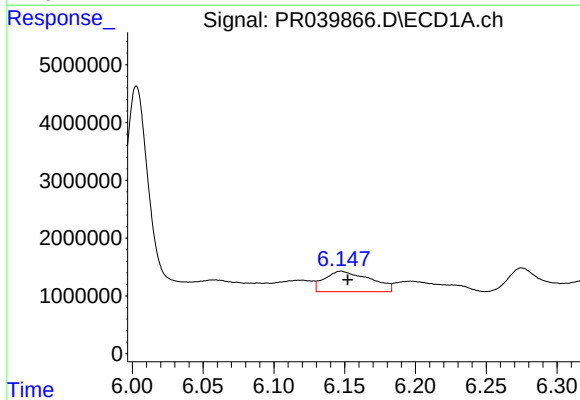
R.T.: 5.751 min
Delta R.T.: -0.003 min
Response: 3882270
Conc: 29.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



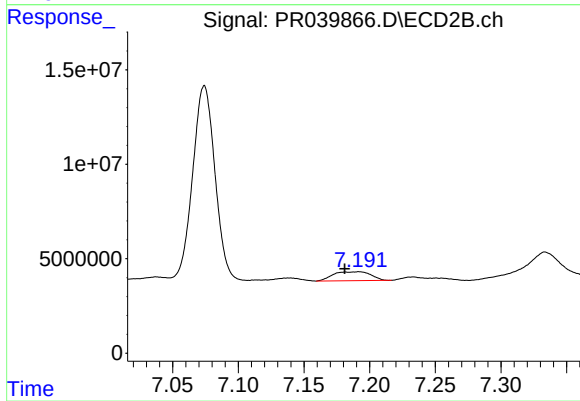
#27 AR-1254-2

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 12253576
Conc: 21.45 ng/ml



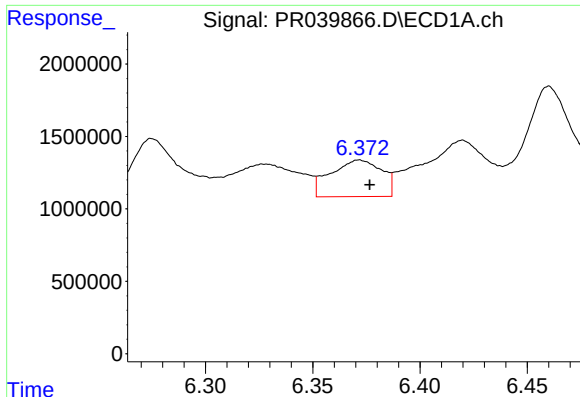
#28 AR-1254-3

R.T.: 6.148 min
Delta R.T.: -0.005 min
Response: 7954229
Conc: 35.60 ng/ml



#28 AR-1254-3

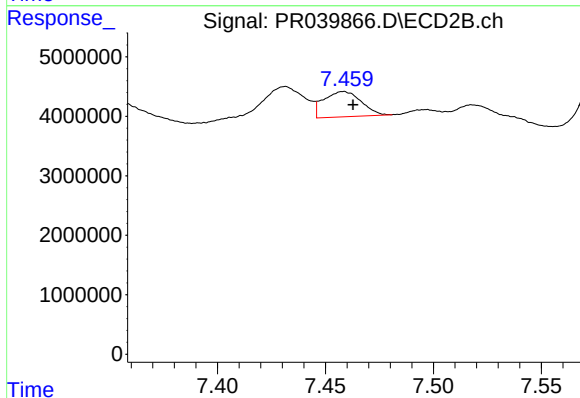
R.T.: 7.192 min
Delta R.T.: 0.011 min
Response: 9372942
Conc: 15.03 ng/ml



#29 AR-1254-4

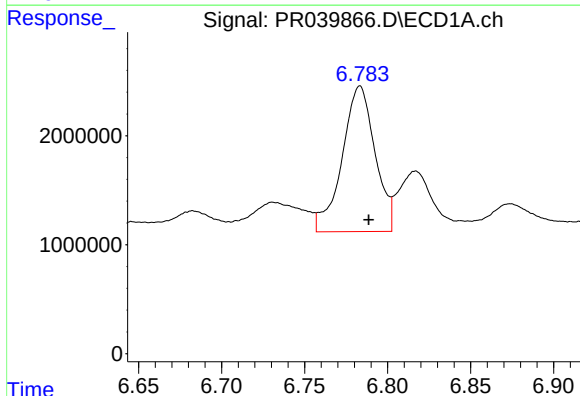
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 4170831
Conc: 28.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



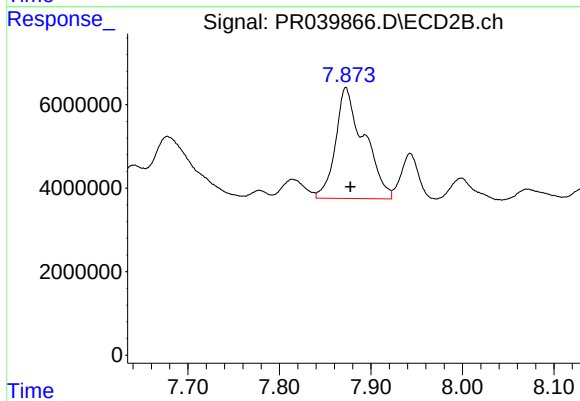
#29 AR-1254-4

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 5163522
Conc: 11.40 ng/ml



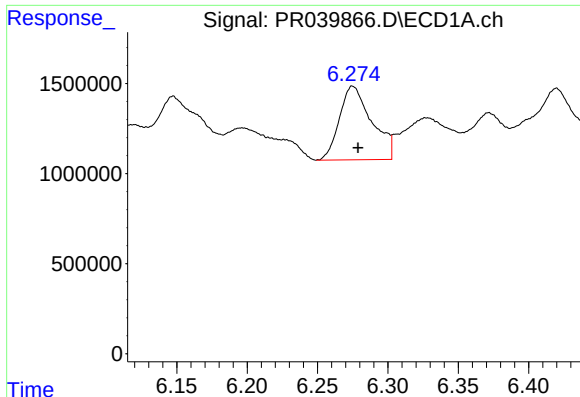
#30 AR-1254-5

R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 18441199
Conc: 96.85 ng/ml



#30 AR-1254-5

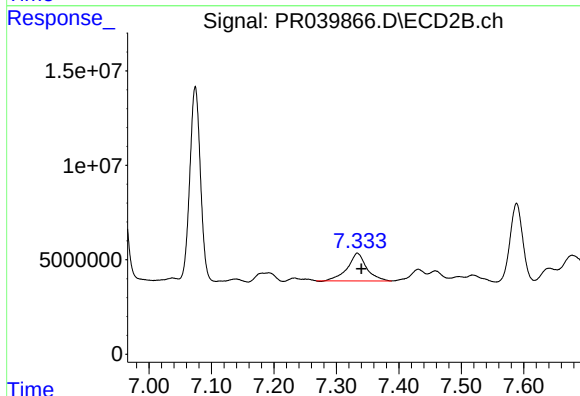
R.T.: 7.873 min
Delta R.T.: -0.005 min
Response: 57639285
Conc: 121.40 ng/ml



#31 AR-1260-1

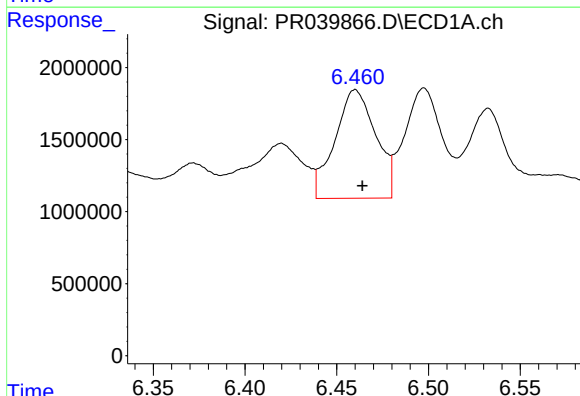
R.T.: 6.275 min
Delta R.T.: -0.004 min
Response: 6551124
Conc: 44.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



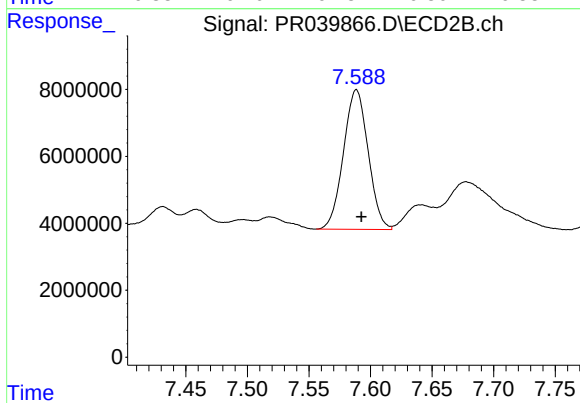
#31 AR-1260-1

R.T.: 7.334 min
Delta R.T.: -0.007 min
Response: 31417170
Conc: 70.80 ng/ml



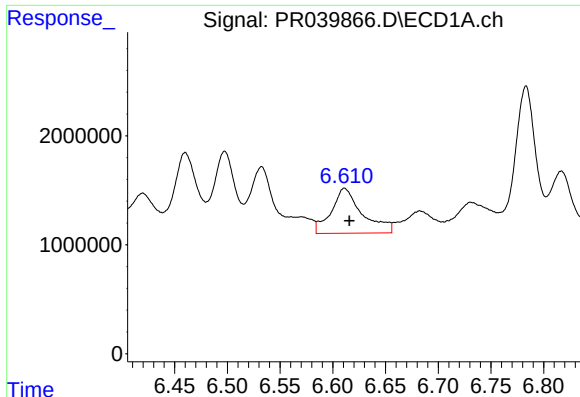
#32 AR-1260-2

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 11681868
Conc: 63.45 ng/ml



#32 AR-1260-2

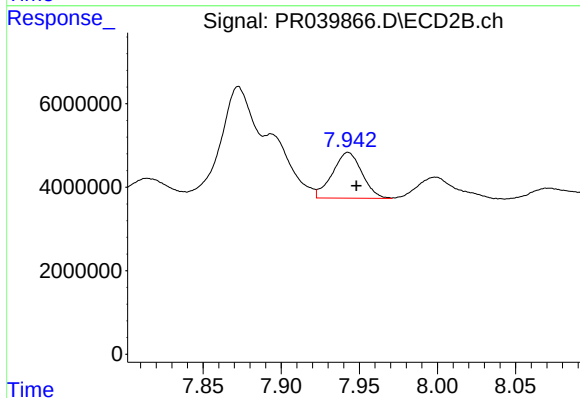
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 58283432
Conc: 106.33 ng/ml



#33 AR-1260-3

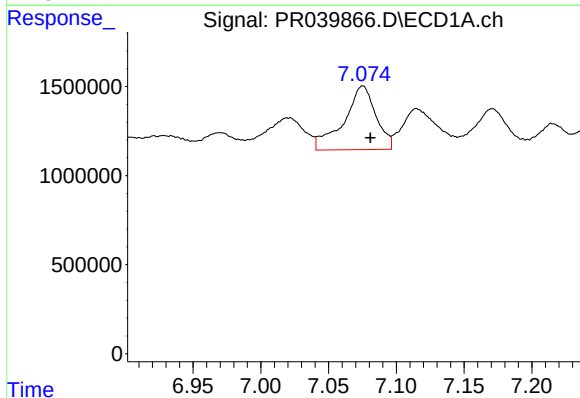
R.T.: 6.611 min
Delta R.T.: -0.005 min
Response: 8432330
Conc: 50.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



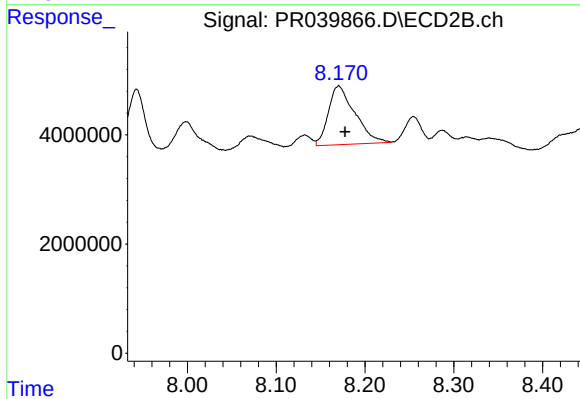
#33 AR-1260-3

R.T.: 7.943 min
Delta R.T.: -0.005 min
Response: 14451992
Conc: 34.47 ng/ml



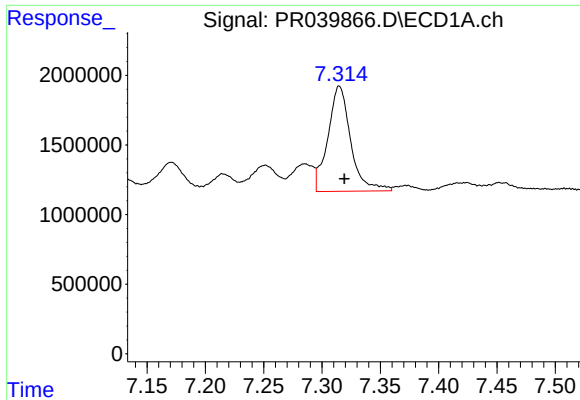
#34 AR-1260-4

R.T.: 7.075 min
Delta R.T.: -0.006 min
Response: 5900215
Conc: 42.45 ng/ml



#34 AR-1260-4

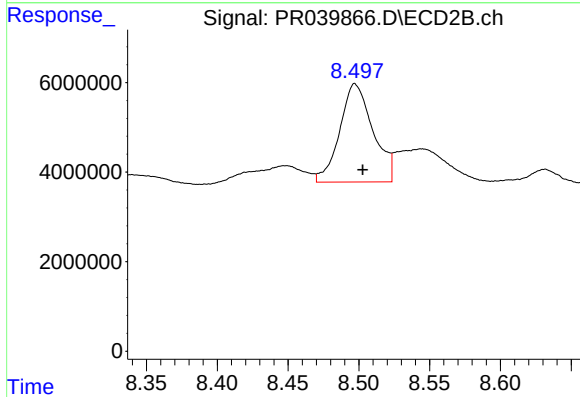
R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 22238218
Conc: 46.09 ng/ml



#35 AR-1260-5

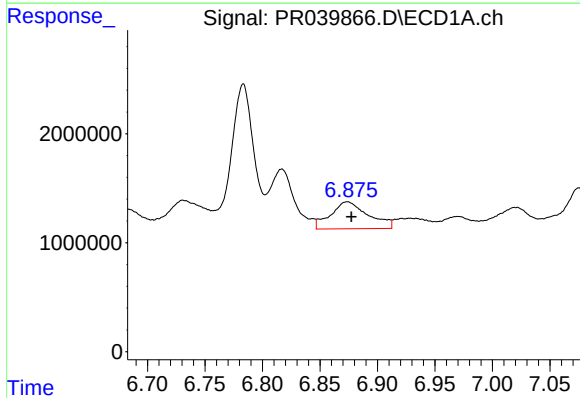
R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 10303966
Conc: 29.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



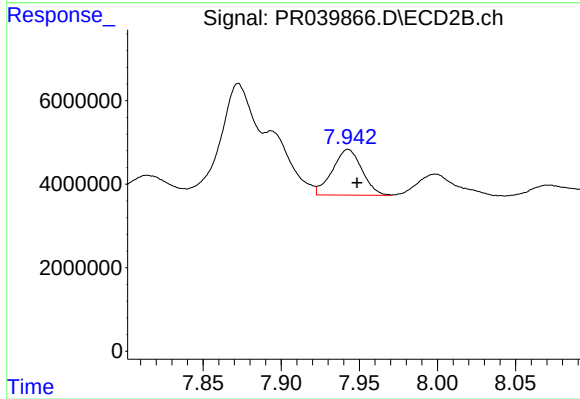
#35 AR-1260-5

R.T.: 8.497 min
Delta R.T.: -0.006 min
Response: 35843524
Conc: 34.95 ng/ml



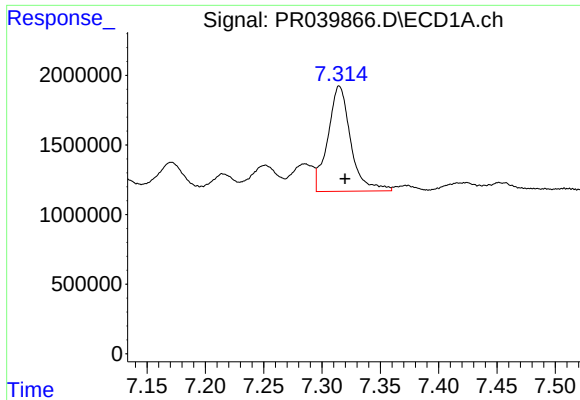
#36 AR-1262-1

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 5634318
Conc: 38.37 ng/ml



#36 AR-1262-1

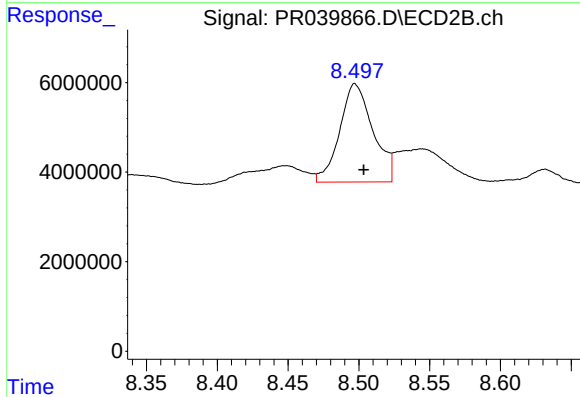
R.T.: 7.943 min
Delta R.T.: -0.006 min
Response: 14451992
Conc: 13.92 ng/ml



#37 AR-1262-2

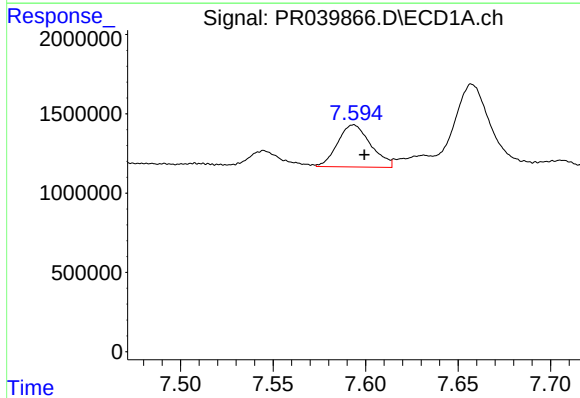
R.T.: 7.315 min
Delta R.T.: -0.005 min
Response: 10303966
Conc: 15.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



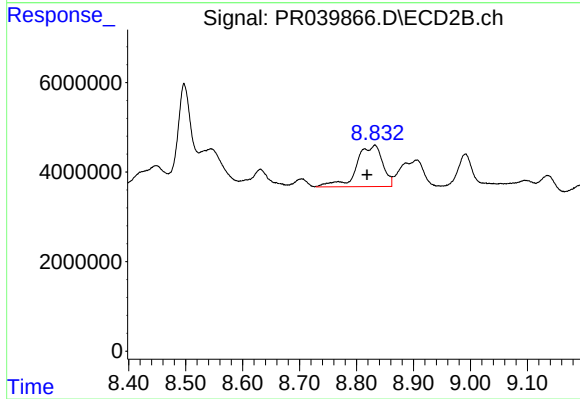
#37 AR-1262-2

R.T.: 8.497 min
Delta R.T.: -0.006 min
Response: 35843524
Conc: 17.79 ng/ml



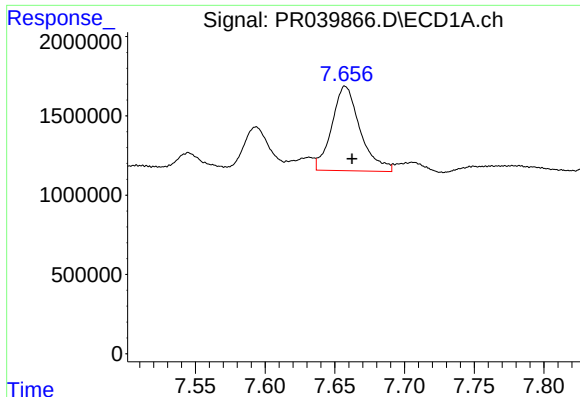
#38 AR-1262-3

R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 3309084
Conc: 13.93 ng/ml



#38 AR-1262-3

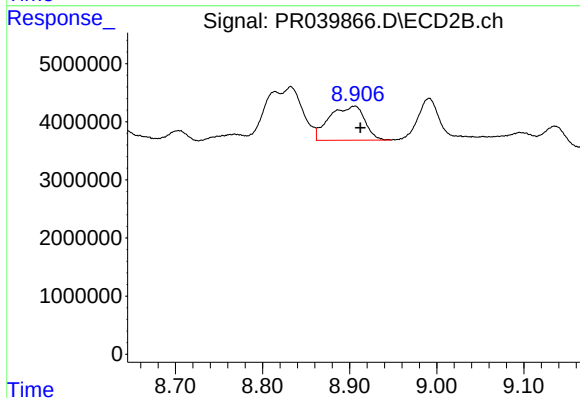
R.T.: 8.832 min
Delta R.T.: 0.014 min
Response: 29285605
Conc: 23.34 ng/ml



#39 AR-1262-4

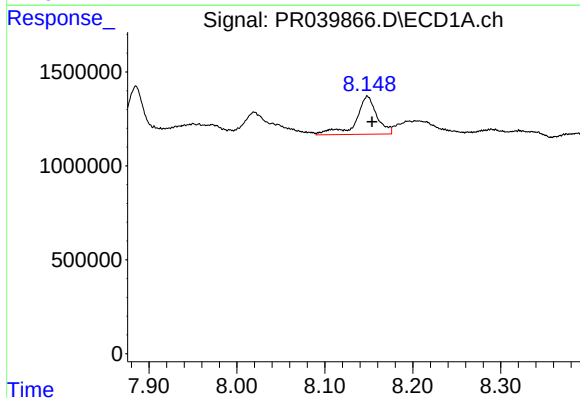
R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 7547884
Conc: 16.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



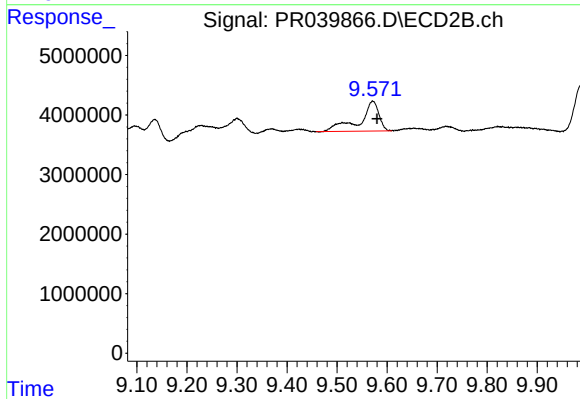
#39 AR-1262-4

R.T.: 8.906 min
Delta R.T.: -0.006 min
Response: 16582231
Conc: 17.57 ng/ml



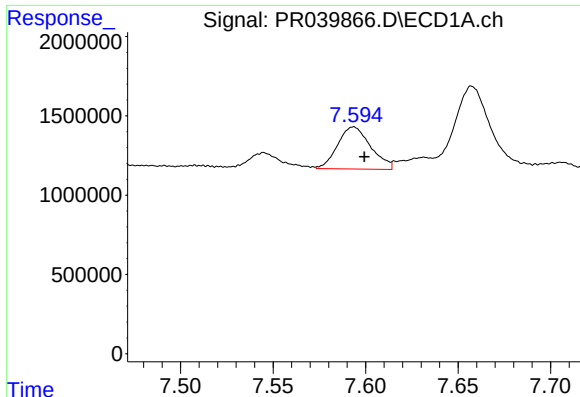
#40 AR-1262-5

R.T.: 8.149 min
Delta R.T.: -0.005 min
Response: 3342285
Conc: 17.19 ng/ml



#40 AR-1262-5

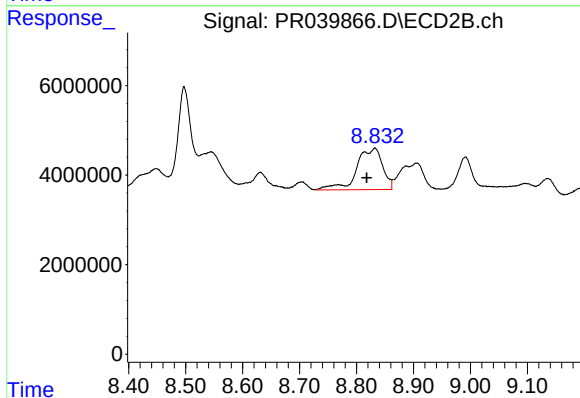
R.T.: 9.571 min
Delta R.T.: -0.008 min
Response: 13415111
Conc: 21.12 ng/ml



#41 AR-1268-1

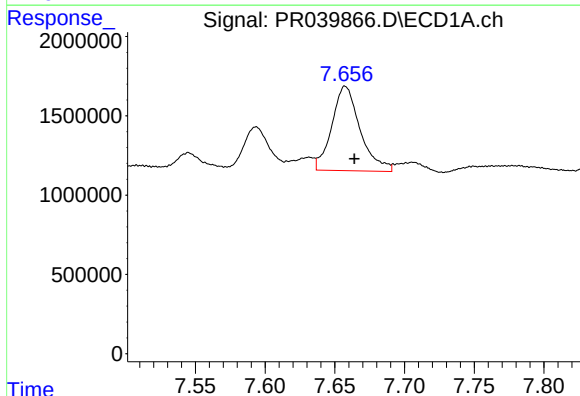
R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 3309084
Conc: 4.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



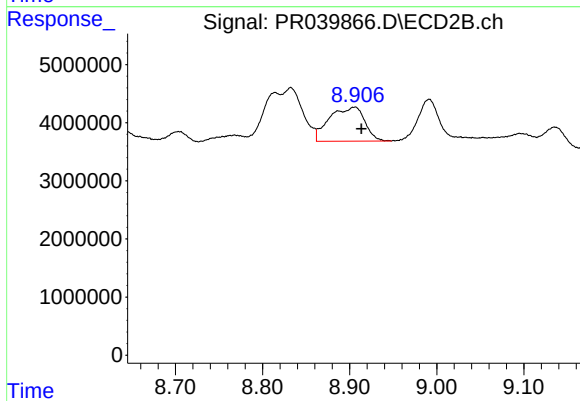
#41 AR-1268-1

R.T.: 8.832 min
Delta R.T.: 0.015 min
Response: 29285605
Conc: 12.34 ng/ml



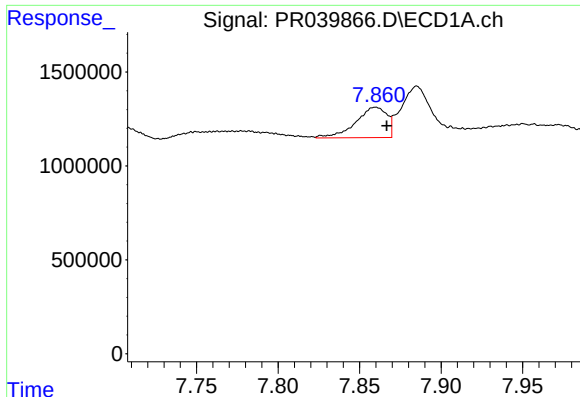
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 7547884
Conc: 10.75 ng/ml



#42 AR-1268-2

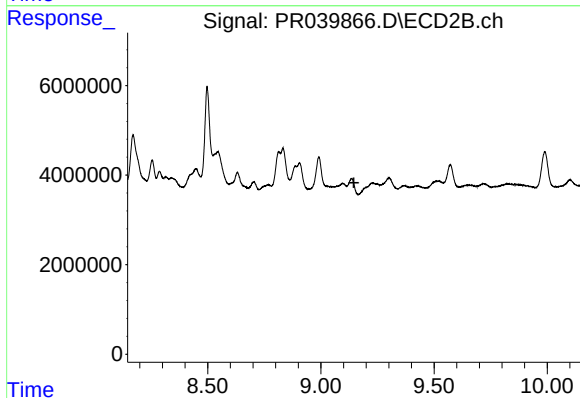
R.T.: 8.906 min
Delta R.T.: -0.008 min
Response: 16582231
Conc: 7.47 ng/ml



#43 AR-1268-3

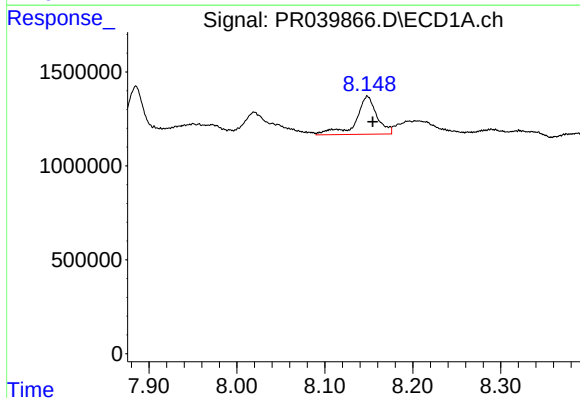
R.T.: 7.860 min
Delta R.T.: -0.007 min
Response: 2167488
Conc: 3.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



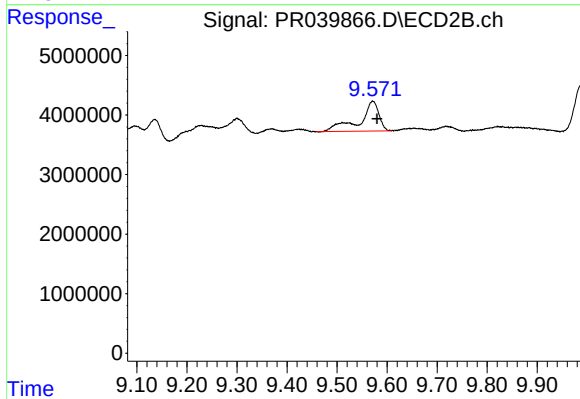
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



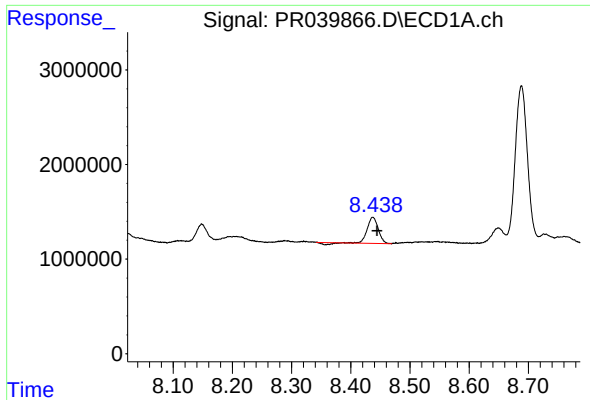
#44 AR-1268-4

R.T.: 8.149 min
Delta R.T.: -0.006 min
Response: 3342285
Conc: 14.51 ng/ml



#44 AR-1268-4

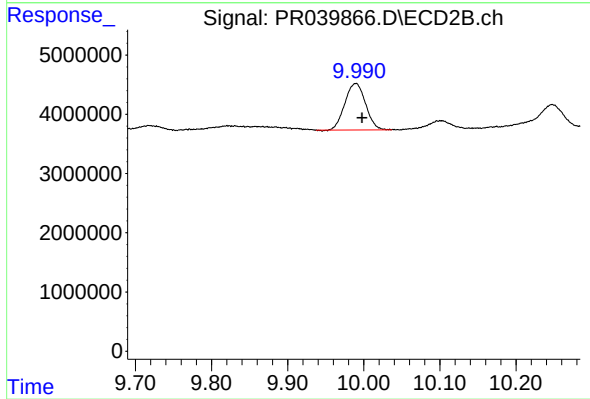
R.T.: 9.571 min
Delta R.T.: -0.009 min
Response: 13415111
Conc: 18.09 ng/ml



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: -0.007 min
Response: 3323463
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
S3-02-B



#45 AR-1268-5

R.T.: 9.990 min
Delta R.T.: -0.008 min
Response: 14845778
Conc: 2.54 ng/ml