

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011821\
 Data File : PR049374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2021 19:02
 Operator : AJ\MA
 Sample : M1113-16 5X
 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: Jan 19 06:16:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 19 06:04:35 2021
 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...	4.668	3.854	10838102	12777570	4.064	4.185
2)	SA Decachlor...	10.549	8.910	82272107	259.5E6	31.223	29.802
Target Compounds							
3)	L1 AR-1016-1	0.000	4.939	0	96615	N.D.	1.587 #
4)	L1 AR-1016-2	0.000	4.969	0	95460	N.D.	0.682 #
5)	L1 AR-1016-3	0.000	5.134	0	592919	N.D.	7.486 #
6)	L1 AR-1016-4	6.005f	5.174	916224	3174853	12.628	96.848 #
7)	L1 AR-1016-5	6.322	5.386	1478560	1426139	21.515	26.210
8)	L2 AR-1221-1	4.885	4.052	656752	627756	20.258	20.835
9)	L2 AR-1221-2	0.000	4.142	0	1940357	N.D.	70.464 #
12)	L3 AR-1232-2	5.559f	4.969	524475	95460	16.894	1.770 #
13)	L3 AR-1232-3	0.000	5.134	0	592919	N.D.	18.710 #
14)	L3 AR-1232-4	6.005f	5.213	916224	539157	29.064	33.919
15)	L3 AR-1232-5	6.115	5.386	5332031	1426139	218.753	71.174 #
16)	L4 AR-1242-1	0.000	4.939	0	96615	N.D.	1.979 #
17)	L4 AR-1242-2	0.000	4.969	0	95460	N.D.	0.894 #
18)	L4 AR-1242-3	0.000	5.134	0	592919	N.D.	9.639 #
19)	L4 AR-1242-4	6.005f	5.213	916224	539157	16.410	15.258
20)	L4 AR-1242-5	6.768	5.740	3621448	12460083	60.349	199.493 #
21)	L5 AR-1248-1	0.000	4.939	0	96615	N.D.	2.589 #
22)	L5 AR-1248-2	6.115	5.174	5332031	3174853	65.403	73.477
23)	L5 AR-1248-3	6.322	5.213	1478560	539157	16.695	10.389 #
24)	L5 AR-1248-4	6.724	5.386	6507363	1426139	61.305	20.646 #
25)	L5 AR-1248-5	6.768	5.779	3621448	3895991	35.603	37.150
26)	L6 AR-1254-1	6.699	5.740	10555207	12460083	99.027	113.528
27)	L6 AR-1254-2	6.914	5.886	22473603	17489336	138.848	147.739
28)	L6 AR-1254-3	7.285	6.292	22778568	30316595	140.521	131.483
29)	L6 AR-1254-4	7.572	6.520	25842646	65006888	196.647	173.655
30)	L6 AR-1254-5	7.990	6.938	32702531	71744029	245.246	163.245 #
31)	L7 AR-1260-1	7.448	6.420	13271223	16283134	108.522	129.392
32)	L7 AR-1260-2	7.703	6.609	20063046	53331165	132.197	103.932
33)	L7 AR-1260-3	8.064	6.763	32751572	20030009	276.599	68.487 #
34)	L7 AR-1260-4	8.320f	7.234	65049614	242.9E6	515.582	689.769 #
35)	L7 AR-1260-5	8.636	7.480	12766111	60786949	49.016	45.754
36)	L8 AR-1262-1	8.064	6.938	32751572	71744029	190.908	295.788 #
37)	L8 AR-1262-2	8.636	7.480	12766111	60786949	43.245	39.018
38)	L8 AR-1262-3	8.961	7.765	195.5E6	921.8E6	957.884	1536.267 #
39)	L8 AR-1262-4	9.062	7.831	134.5E6	570.5E6	840.479	569.287 #
40)	L8 AR-1262-5	9.756	8.339	34656415	126.6E6	300.211	285.472
41)	L9 AR-1268-1	8.961	7.765	195.5E6	921.8E6	533.306	508.115
42)	L9 AR-1268-2	9.062	7.831	134.5E6	570.5E6	389.979	376.003
43)	L9 AR-1268-3	9.302	8.039	162.1E6	732.2E6	539.910	544.429

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 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
44) L9	AR-1268-4	9.756	8.339	34656415	126.6E6	264.415	250.745
45) L9	AR-1268-5	10.194	8.644	509.1E6	1982.0E6	510.134	499.422

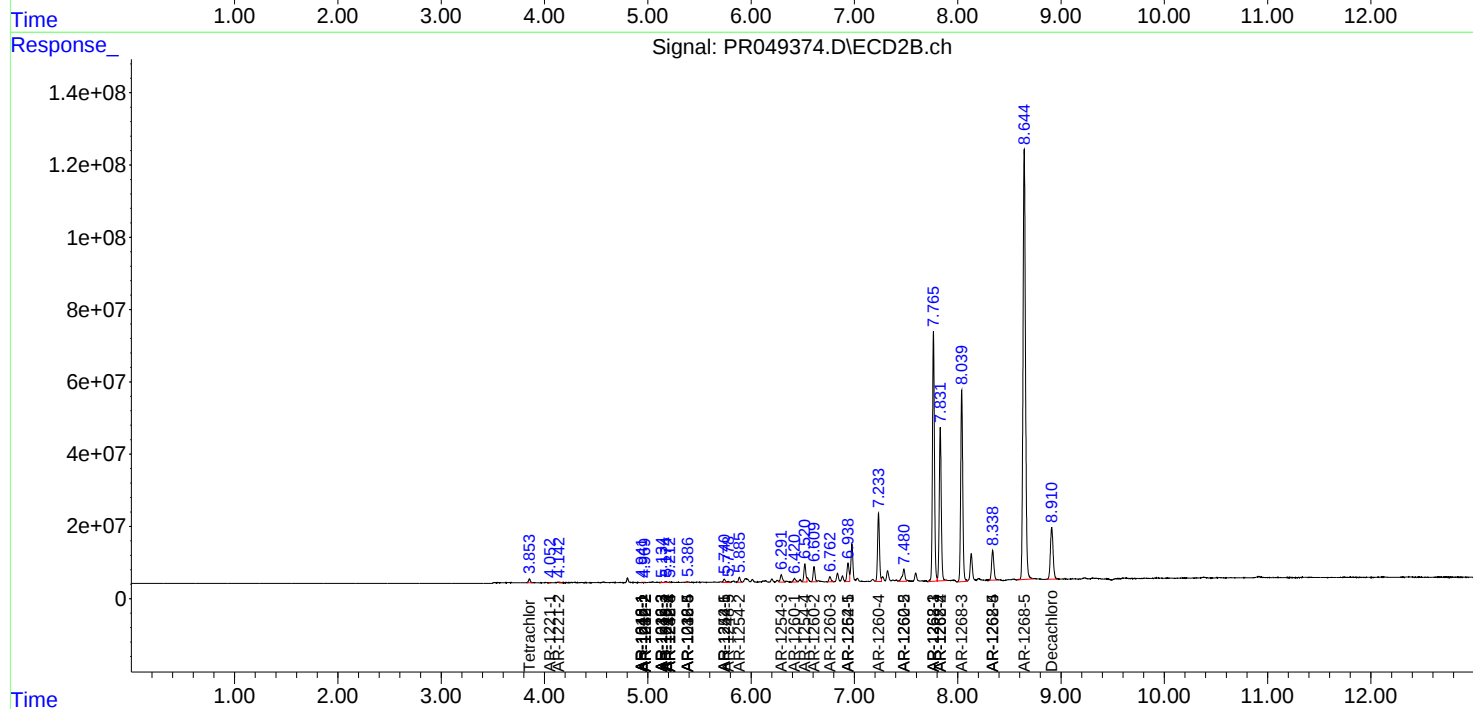
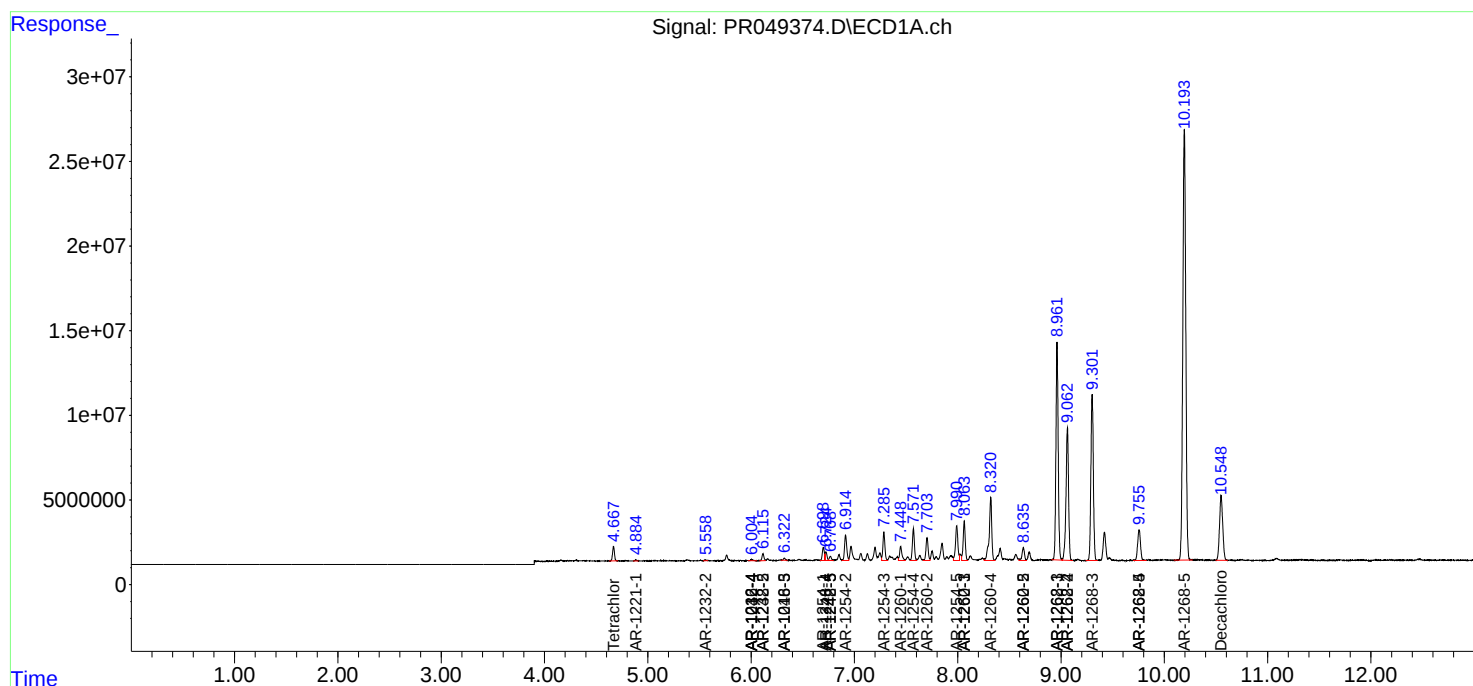
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

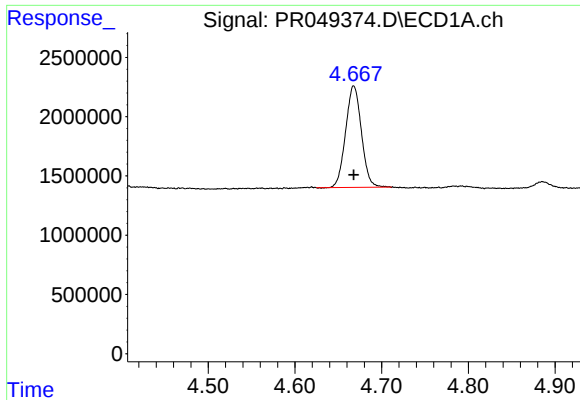
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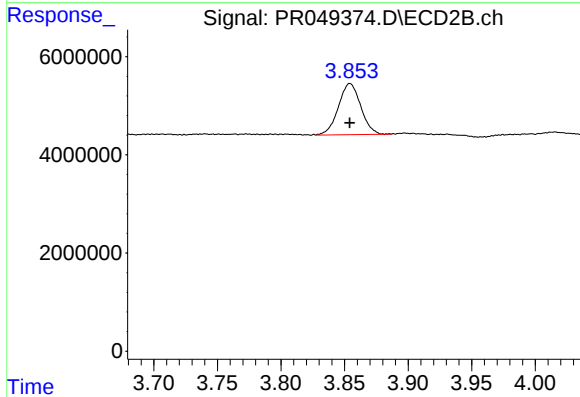




#1 Tetrachloro-m-xylene

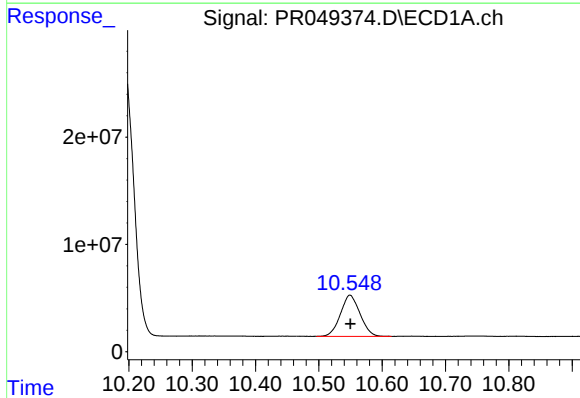
R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 10838102
Conc: 4.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



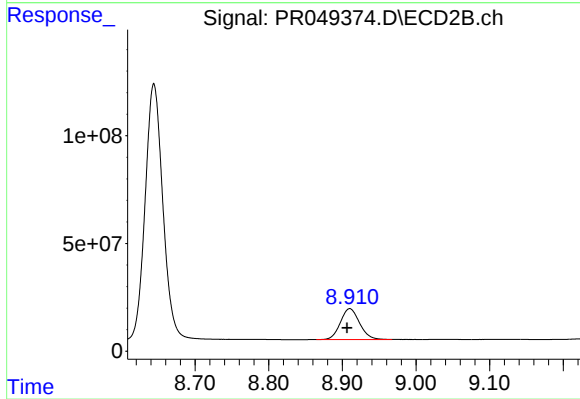
#1 Tetrachloro-m-xylene

R.T.: 3.854 min
Delta R.T.: 0.000 min
Response: 12777570
Conc: 4.19 ng/ml



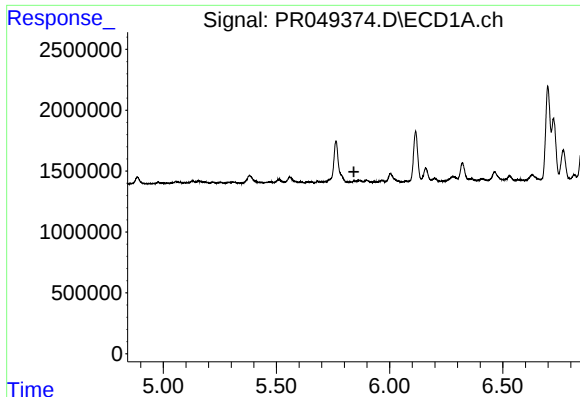
#2 Decachlorobiphenyl

R.T.: 10.549 min
Delta R.T.: 0.000 min
Response: 82272107
Conc: 31.22 ng/ml



#2 Decachlorobiphenyl

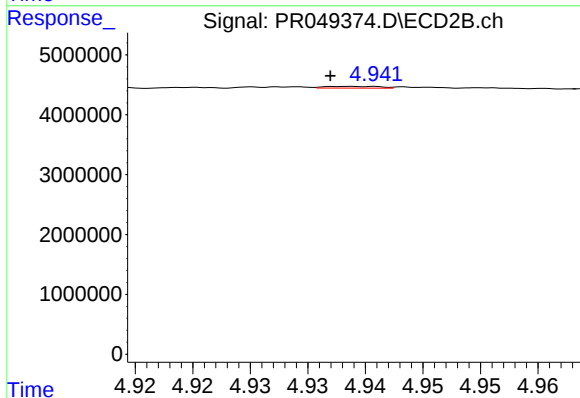
R.T.: 8.910 min
Delta R.T.: 0.004 min
Response: 259458360
Conc: 29.80 ng/ml



#3 AR-1016-1

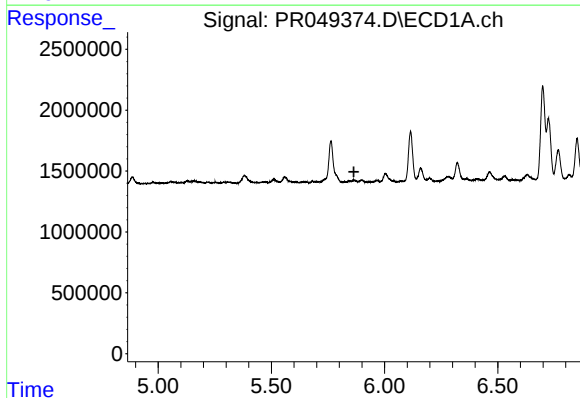
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



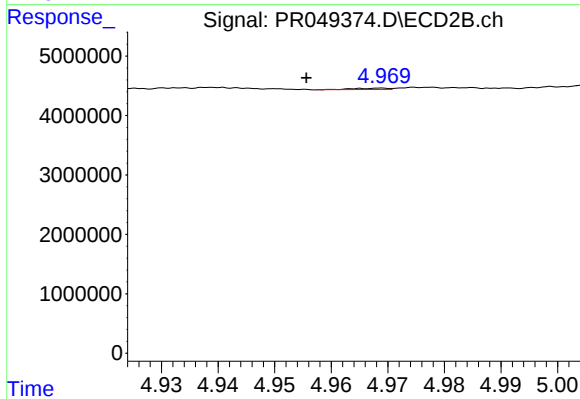
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 96615
Conc: 1.59 ng/ml



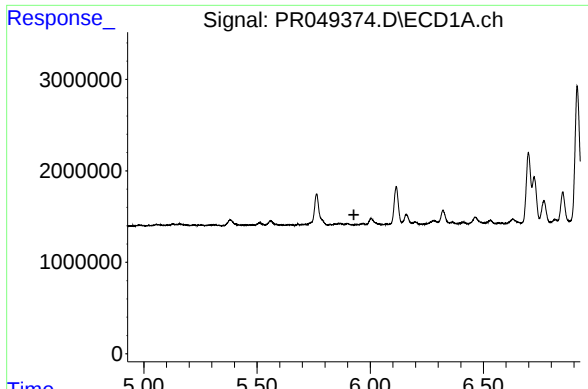
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.864 min
Response: 0
Conc: N.D.



#4 AR-1016-2

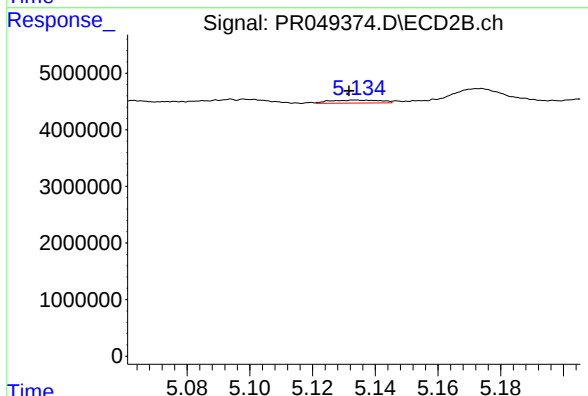
R.T.: 4.969 min
Delta R.T.: 0.013 min
Response: 95460
Conc: 0.68 ng/ml



#5 AR-1016-3

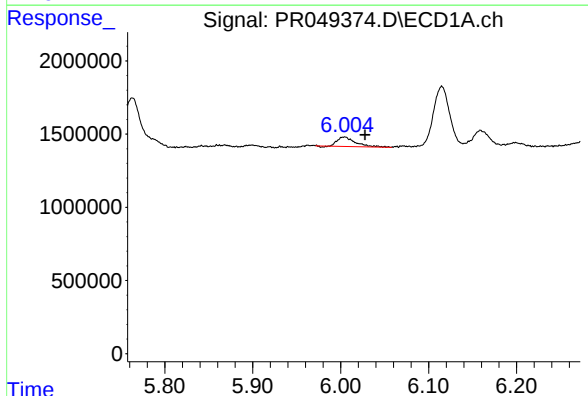
R.T.: 0.000 min
Exp R.T.: 5.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



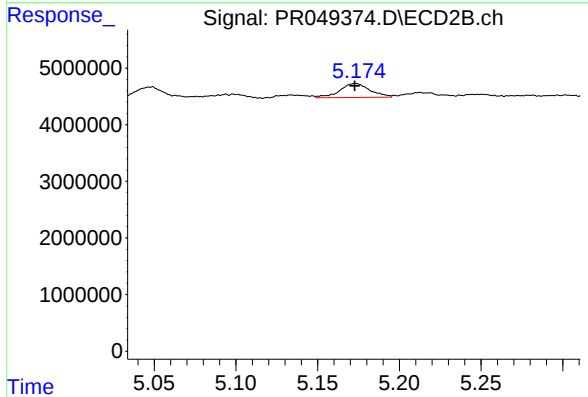
#5 AR-1016-3

R.T.: 5.134 min
Delta R.T.: 0.003 min
Response: 592919
Conc: 7.49 ng/ml



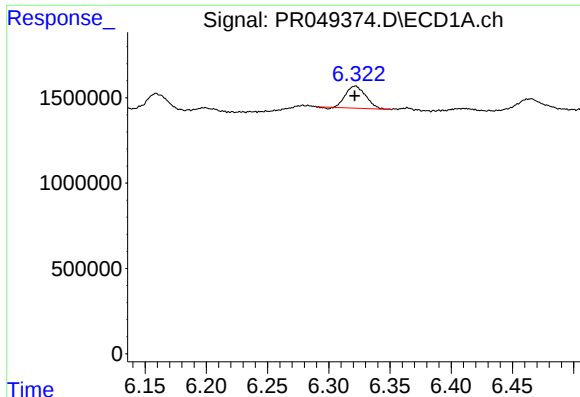
#6 AR-1016-4

R.T.: 6.005 min
Delta R.T.: -0.023 min
Response: 916224
Conc: 12.63 ng/ml



#6 AR-1016-4

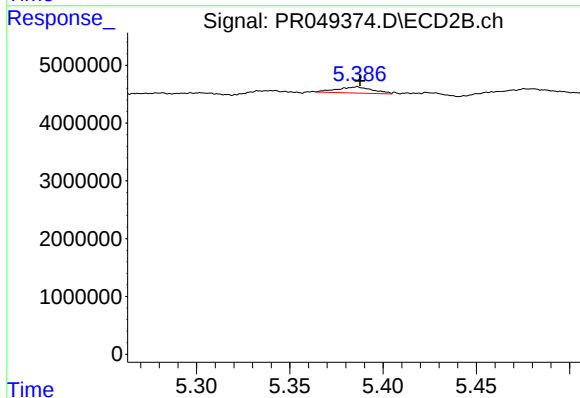
R.T.: 5.174 min
Delta R.T.: 0.001 min
Response: 3174853
Conc: 96.85 ng/ml



#7 AR-1016-5

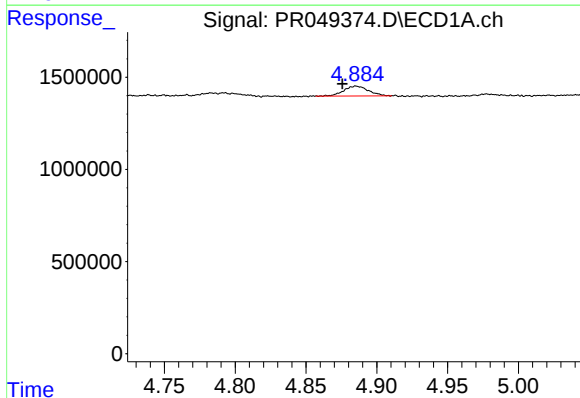
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 1478560
Conc: 21.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



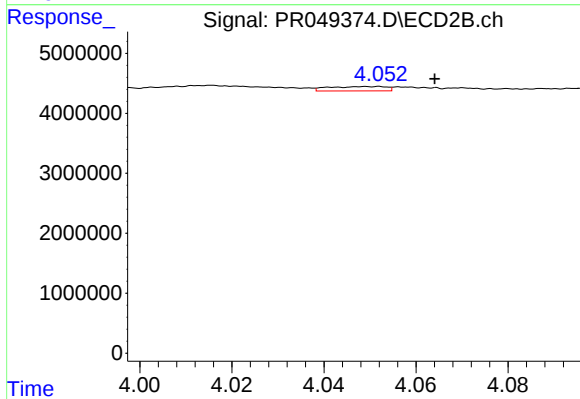
#7 AR-1016-5

R.T.: 5.386 min
Delta R.T.: -0.001 min
Response: 1426139
Conc: 26.21 ng/ml



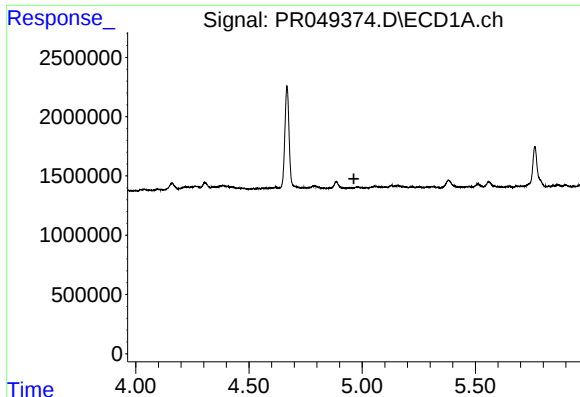
#8 AR-1221-1

R.T.: 4.885 min
Delta R.T.: 0.010 min
Response: 656752
Conc: 20.26 ng/ml



#8 AR-1221-1

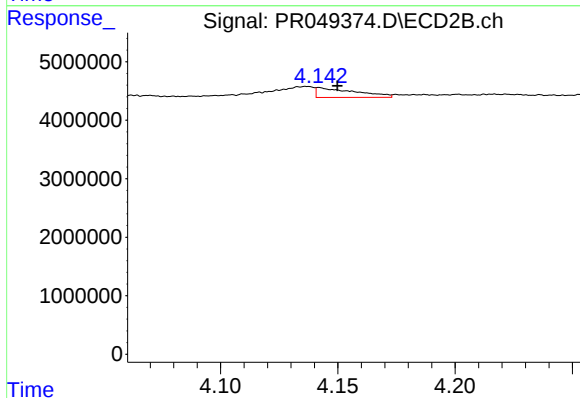
R.T.: 4.052 min
Delta R.T.: -0.012 min
Response: 627756
Conc: 20.84 ng/ml



#9 AR-1221-2

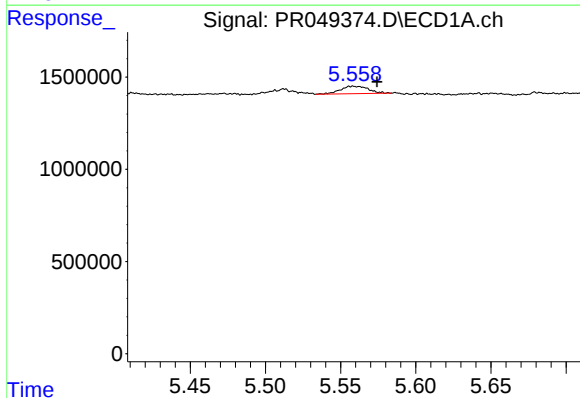
R.T.: 0.000 min
Exp R.T.: 4.963 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



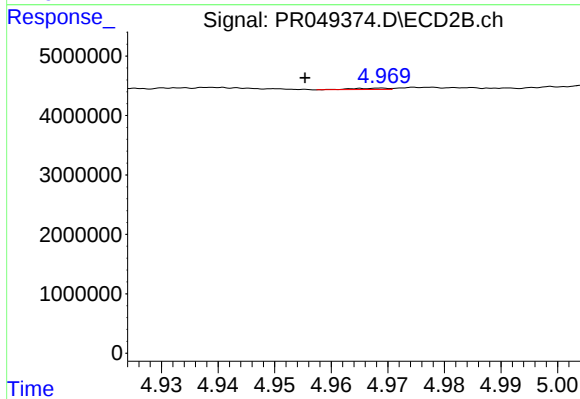
#9 AR-1221-2

R.T.: 4.142 min
Delta R.T.: -0.008 min
Response: 1940357
Conc: 70.46 ng/ml



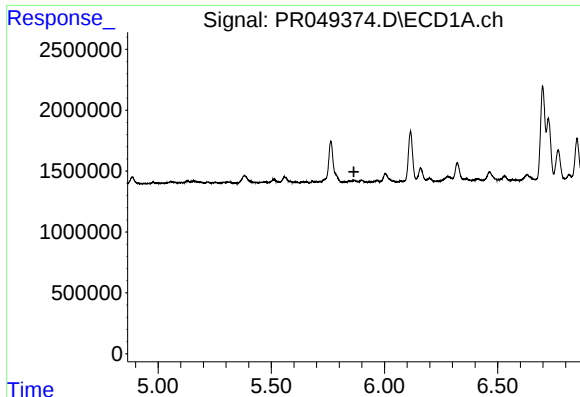
#12 AR-1232-2

R.T.: 5.559 min
Delta R.T.: -0.016 min
Response: 524475
Conc: 16.89 ng/ml



#12 AR-1232-2

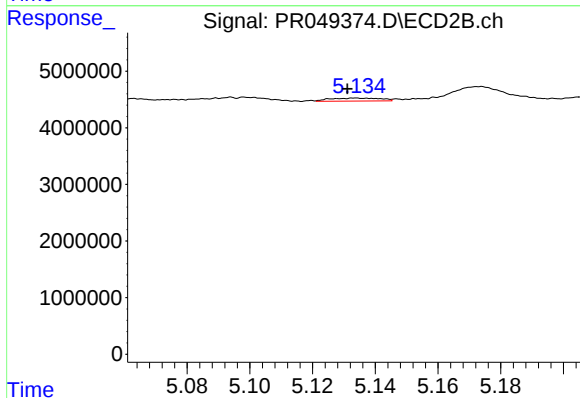
R.T.: 4.969 min
Delta R.T.: 0.014 min
Response: 95460
Conc: 1.77 ng/ml



#13 AR-1232-3

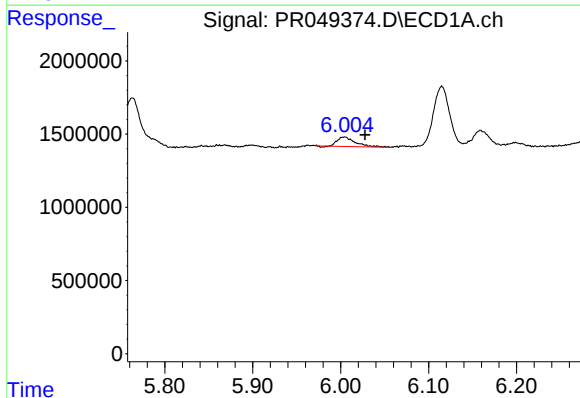
R.T.: 0.000 min
Exp R.T.: 5.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



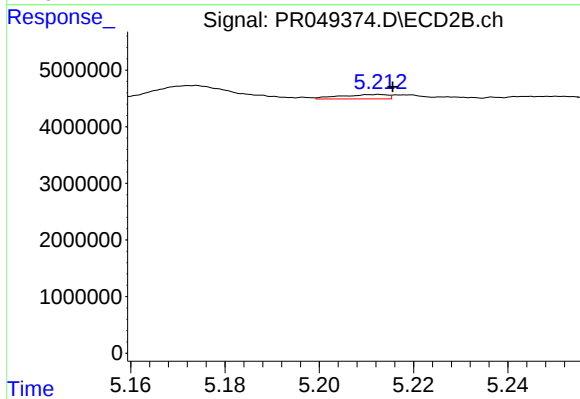
#13 AR-1232-3

R.T.: 5.134 min
Delta R.T.: 0.003 min
Response: 592919
Conc: 18.71 ng/ml



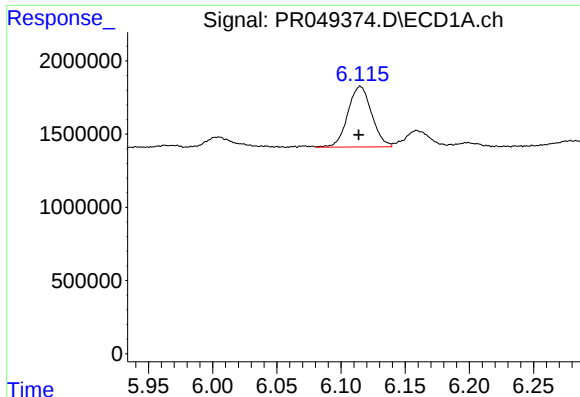
#14 AR-1232-4

R.T.: 6.005 min
Delta R.T.: -0.023 min
Response: 916224
Conc: 29.06 ng/ml



#14 AR-1232-4

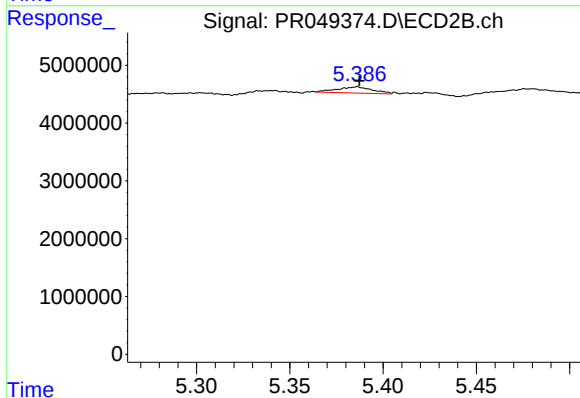
R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 539157
Conc: 33.92 ng/ml



#15 AR-1232-5

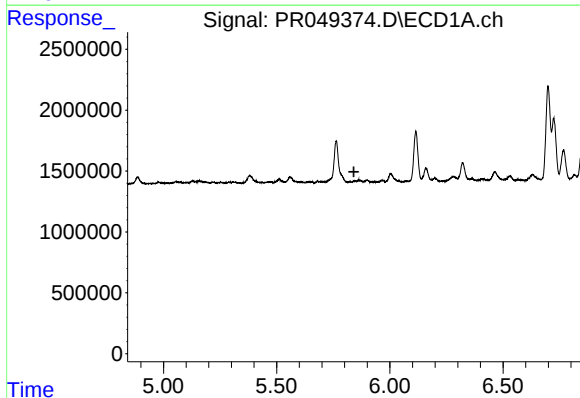
R.T.: 6.115 min
Delta R.T.: 0.001 min
Response: 5332031
Conc: 218.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



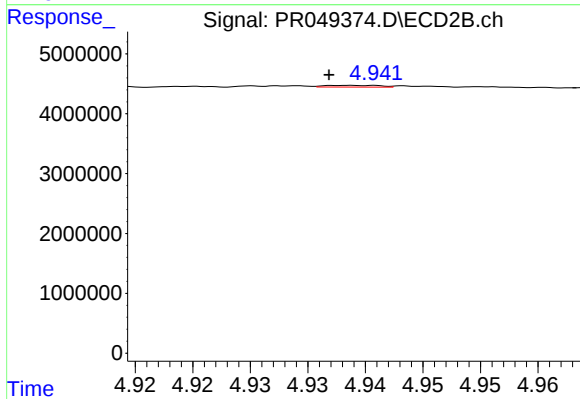
#15 AR-1232-5

R.T.: 5.386 min
Delta R.T.: -0.001 min
Response: 1426139
Conc: 71.17 ng/ml



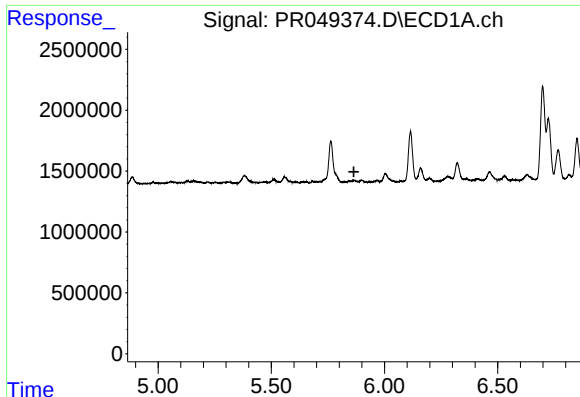
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.841 min
Response: 0
Conc: N.D.



#16 AR-1242-1

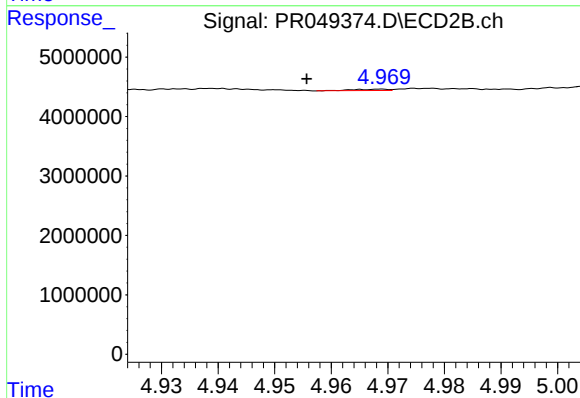
R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 96615
Conc: 1.98 ng/ml



#17 AR-1242-2

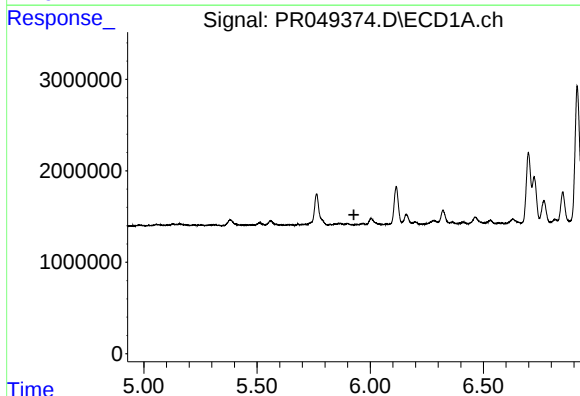
R.T.: 0.000 min
Exp R.T.: 5.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



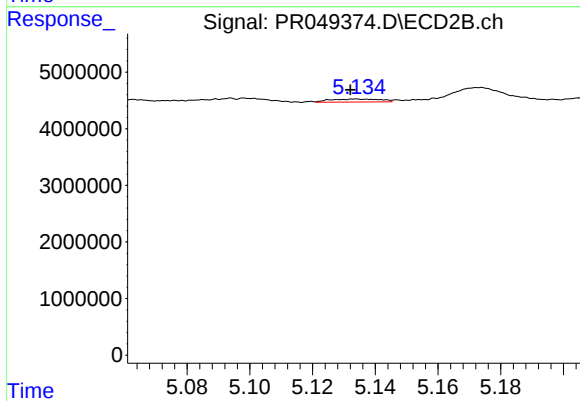
#17 AR-1242-2

R.T.: 4.969 min
Delta R.T.: 0.013 min
Response: 95460
Conc: 0.89 ng/ml



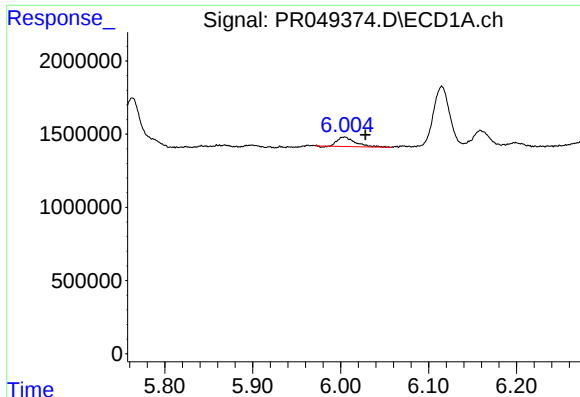
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.928 min
Response: 0
Conc: N.D.



#18 AR-1242-3

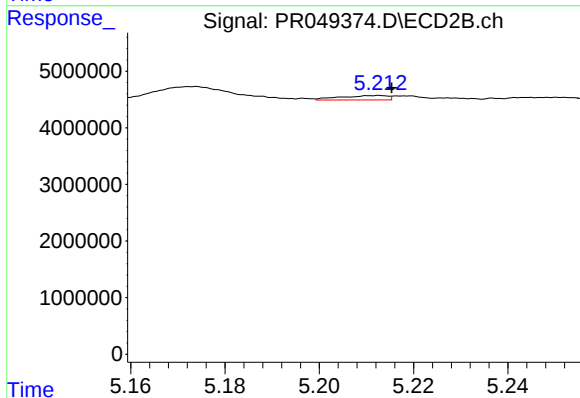
R.T.: 5.134 min
Delta R.T.: 0.002 min
Response: 592919
Conc: 9.64 ng/ml



#19 AR-1242-4

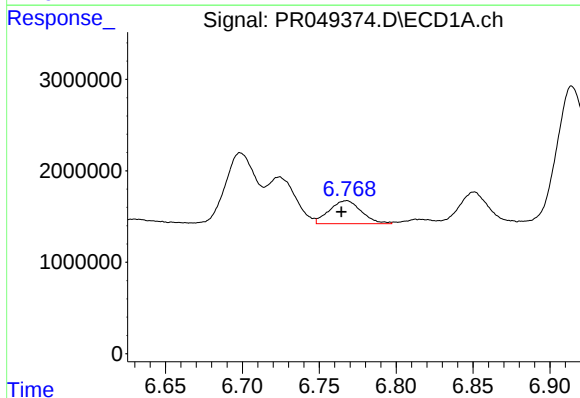
R.T.: 6.005 min
Delta R.T.: -0.023 min
Response: 916224
Conc: 16.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



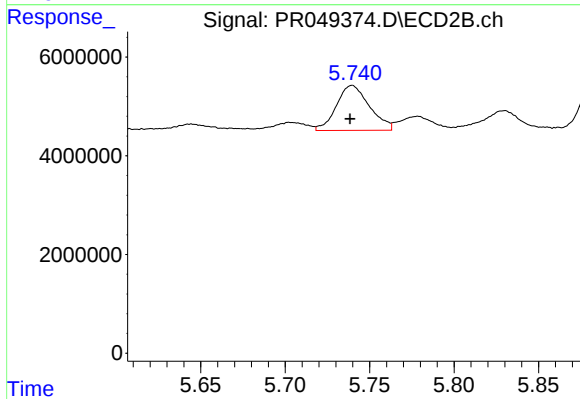
#19 AR-1242-4

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 539157
Conc: 15.26 ng/ml



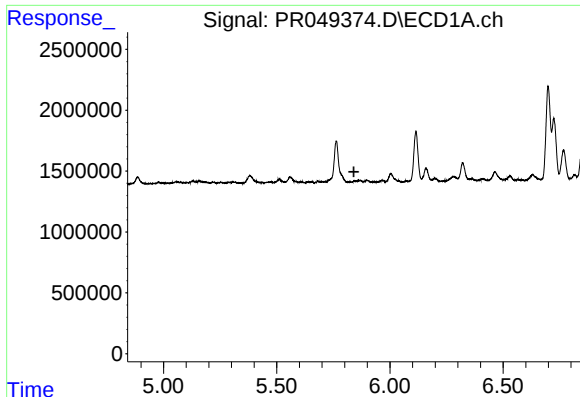
#20 AR-1242-5

R.T.: 6.768 min
Delta R.T.: 0.004 min
Response: 3621448
Conc: 60.35 ng/ml



#20 AR-1242-5

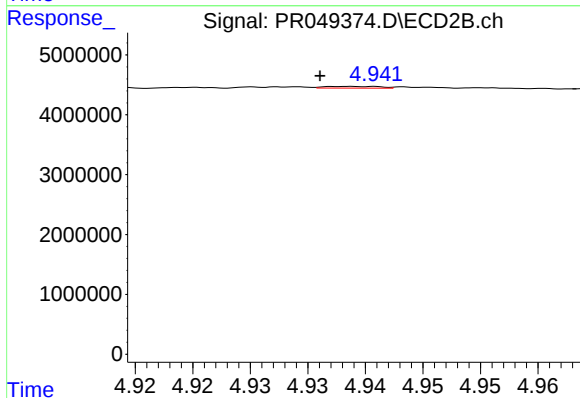
R.T.: 5.740 min
Delta R.T.: 0.001 min
Response: 12460083
Conc: 199.49 ng/ml



#21 AR-1248-1

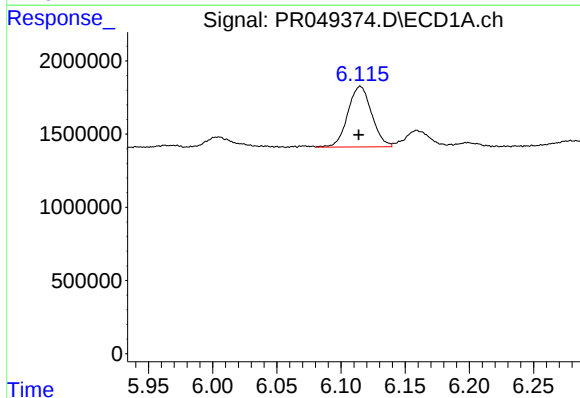
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



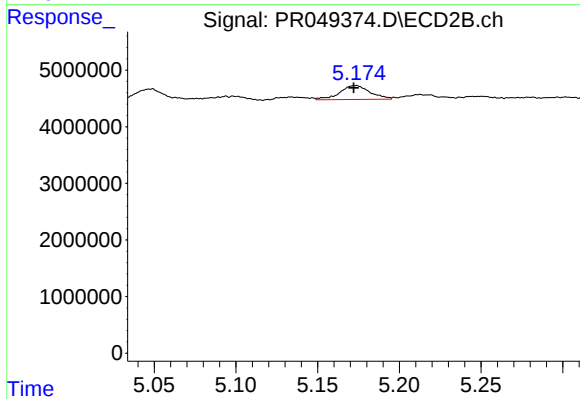
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.003 min
Response: 96615
Conc: 2.59 ng/ml



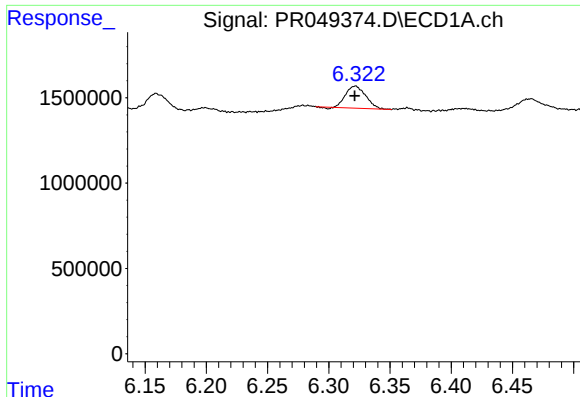
#22 AR-1248-2

R.T.: 6.115 min
Delta R.T.: 0.001 min
Response: 5332031
Conc: 65.40 ng/ml



#22 AR-1248-2

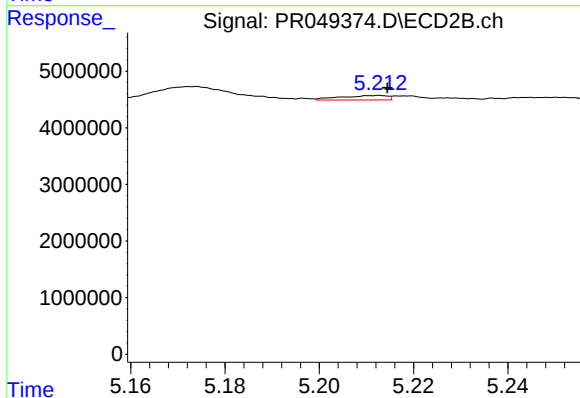
R.T.: 5.174 min
Delta R.T.: 0.002 min
Response: 3174853
Conc: 73.48 ng/ml



#23 AR-1248-3

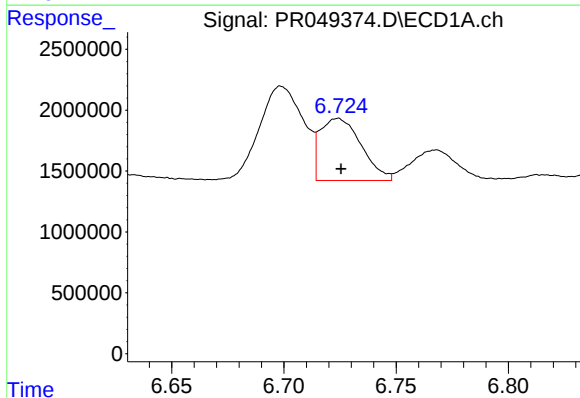
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 1478560
Conc: 16.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



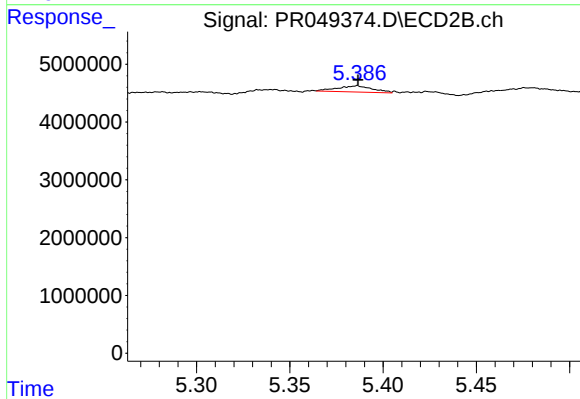
#23 AR-1248-3

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 539157
Conc: 10.39 ng/ml



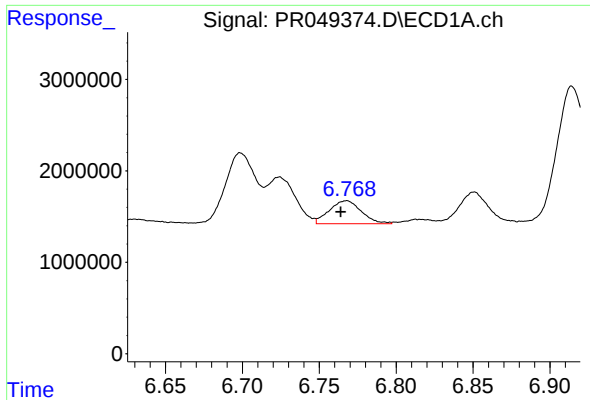
#24 AR-1248-4

R.T.: 6.724 min
Delta R.T.: -0.001 min
Response: 6507363
Conc: 61.30 ng/ml



#24 AR-1248-4

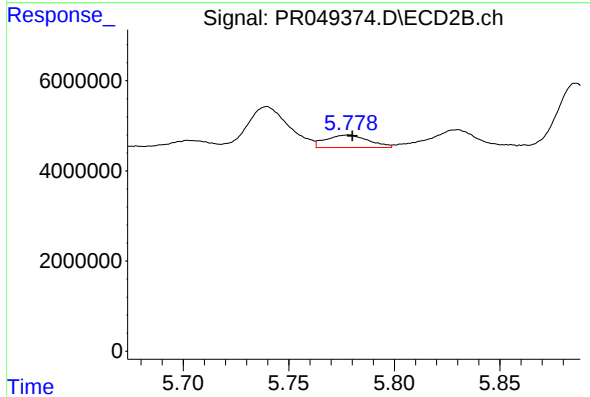
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 1426139
Conc: 20.65 ng/ml



#25 AR-1248-5

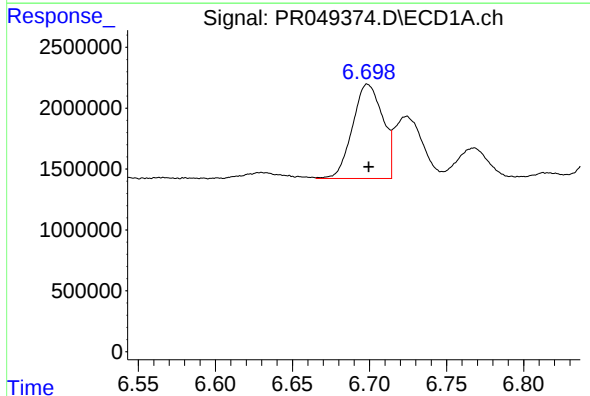
R.T.: 6.768 min
Delta R.T.: 0.004 min
Response: 3621448
Conc: 35.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



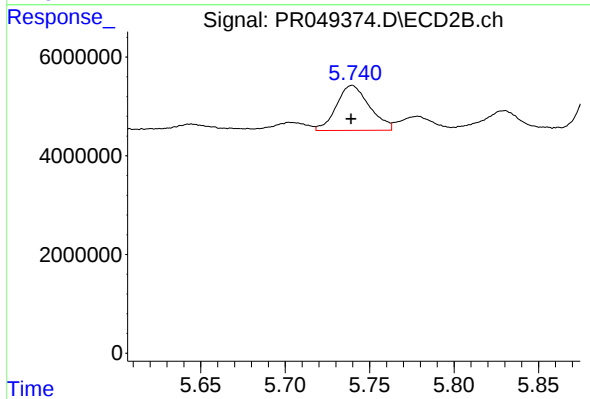
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 3895991
Conc: 37.15 ng/ml



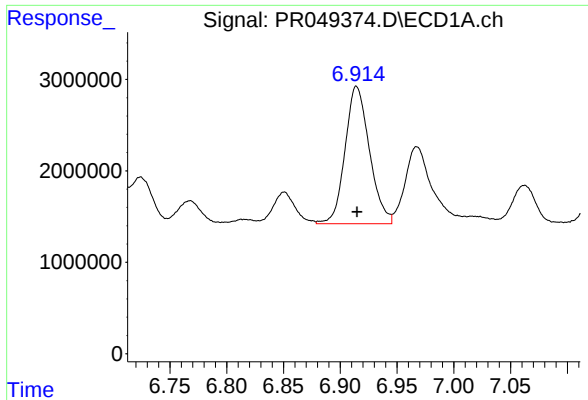
#26 AR-1254-1

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 10555207
Conc: 99.03 ng/ml



#26 AR-1254-1

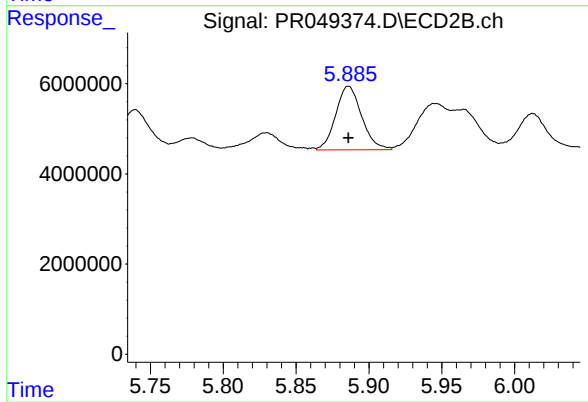
R.T.: 5.740 min
Delta R.T.: 0.001 min
Response: 12460083
Conc: 113.53 ng/ml



#27 AR-1254-2

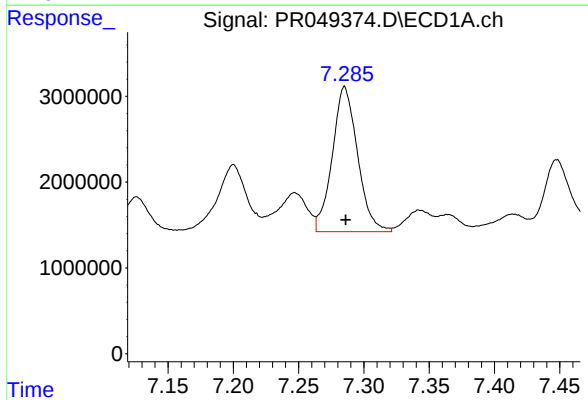
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 22473603
Conc: 138.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



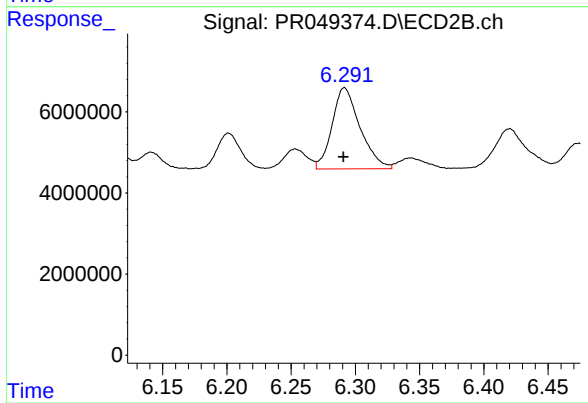
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 17489336
Conc: 147.74 ng/ml



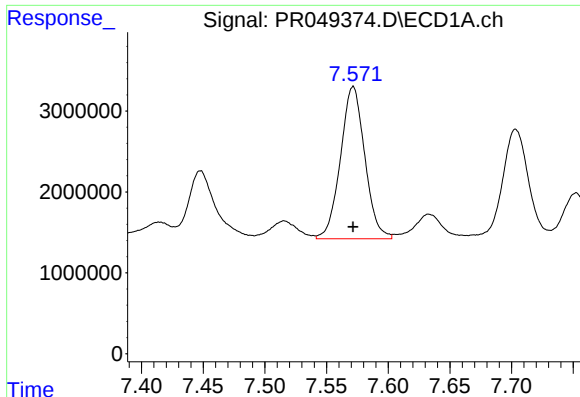
#28 AR-1254-3

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 22778568
Conc: 140.52 ng/ml



#28 AR-1254-3

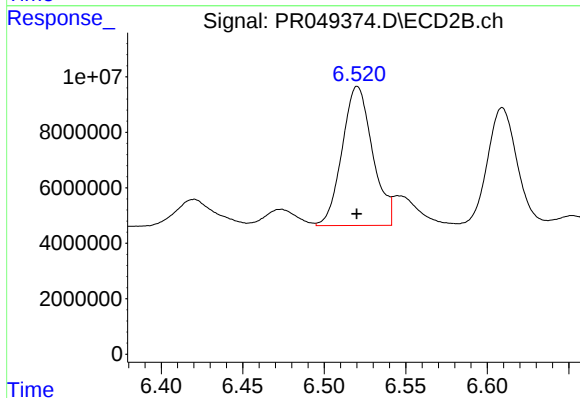
R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 30316595
Conc: 131.48 ng/ml



#29 AR-1254-4

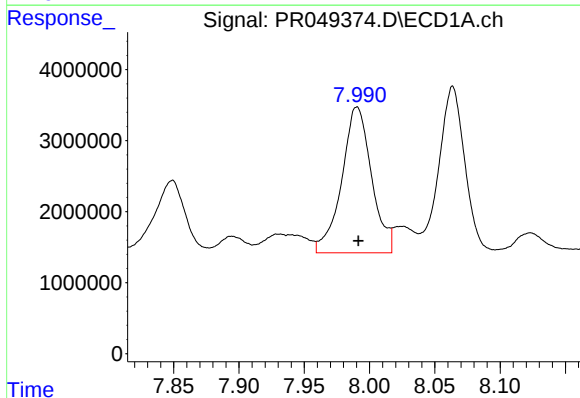
R.T.: 7.572 min
Delta R.T.: 0.000 min
Response: 25842646
Conc: 196.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



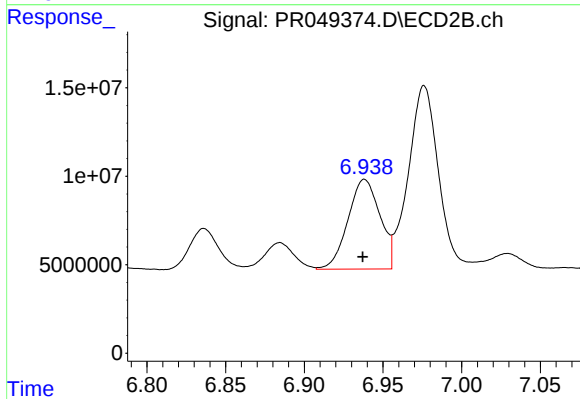
#29 AR-1254-4

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 65006888
Conc: 173.65 ng/ml



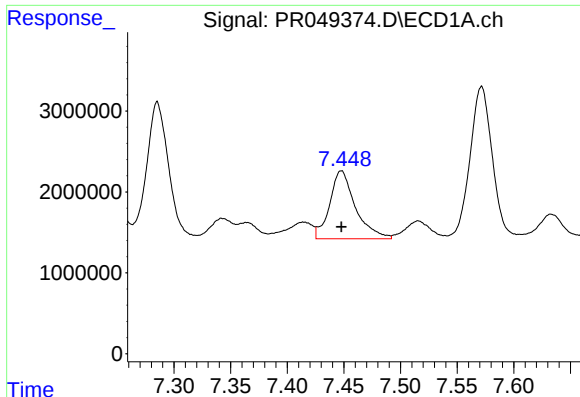
#30 AR-1254-5

R.T.: 7.990 min
Delta R.T.: -0.001 min
Response: 32702531
Conc: 245.25 ng/ml



#30 AR-1254-5

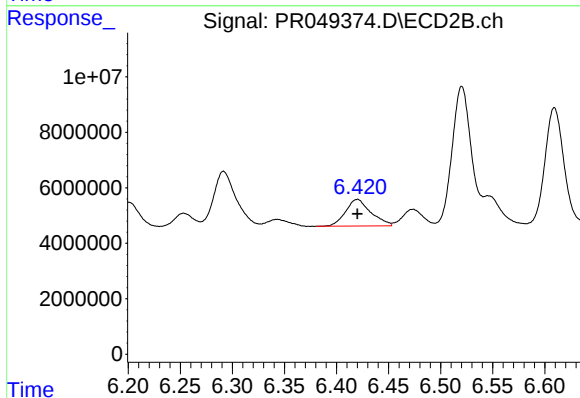
R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 71744029
Conc: 163.24 ng/ml



#31 AR-1260-1

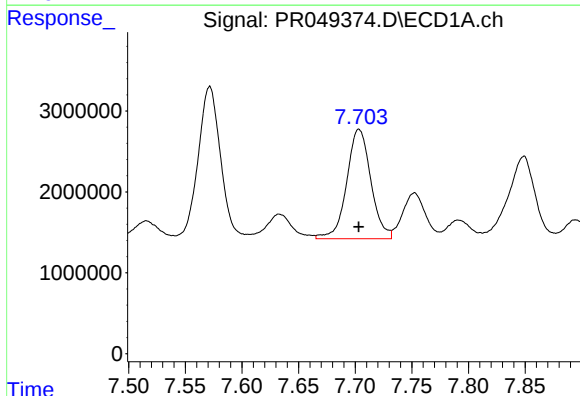
R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 13271223
Conc: 108.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



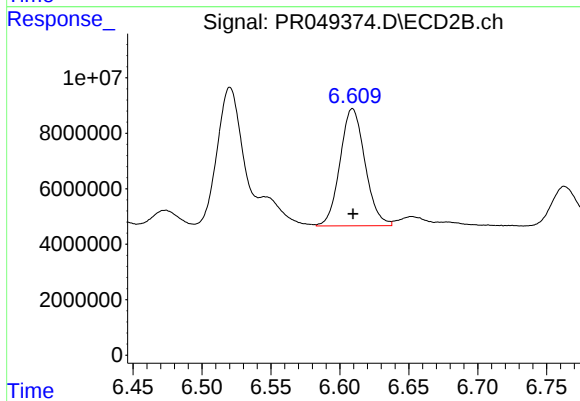
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 16283134
Conc: 129.39 ng/ml



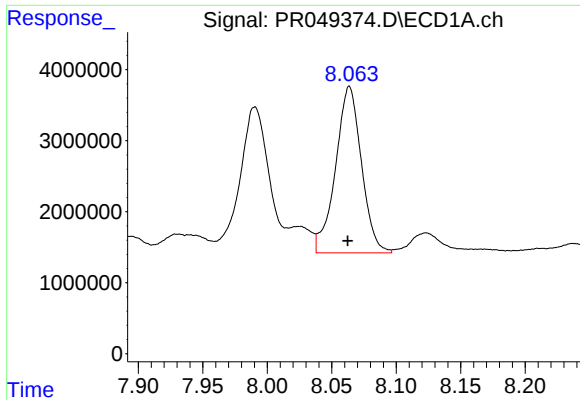
#32 AR-1260-2

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 20063046
Conc: 132.20 ng/ml



#32 AR-1260-2

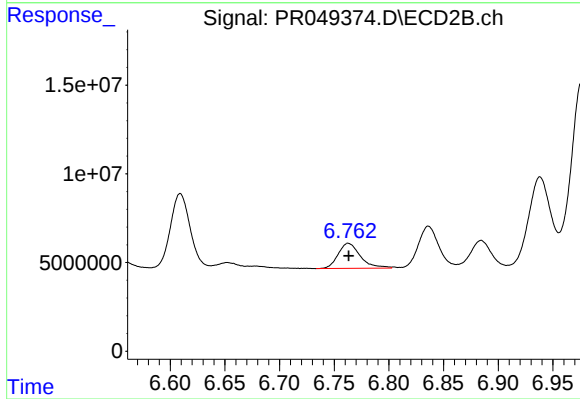
R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 53331165
Conc: 103.93 ng/ml



#33 AR-1260-3

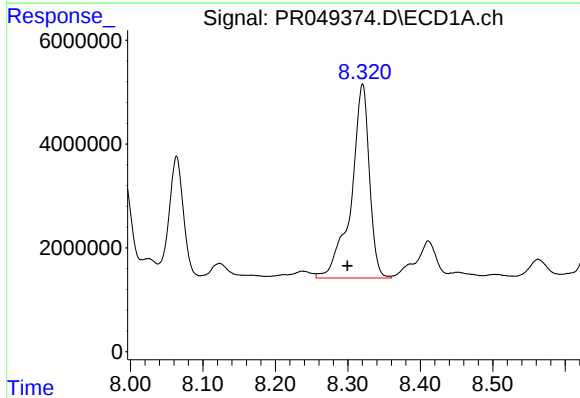
R.T.: 8.064 min
Delta R.T.: 0.001 min
Response: 32751572
Conc: 276.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



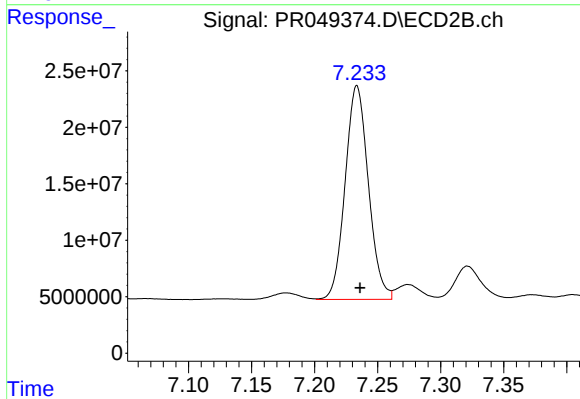
#33 AR-1260-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 20030009
Conc: 68.49 ng/ml



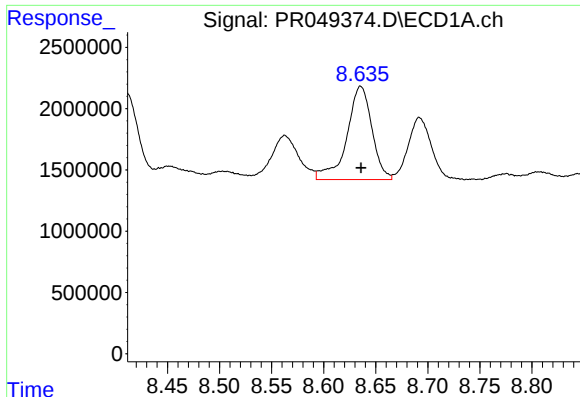
#34 AR-1260-4

R.T.: 8.320 min
Delta R.T.: 0.021 min
Response: 65049614
Conc: 515.58 ng/ml



#34 AR-1260-4

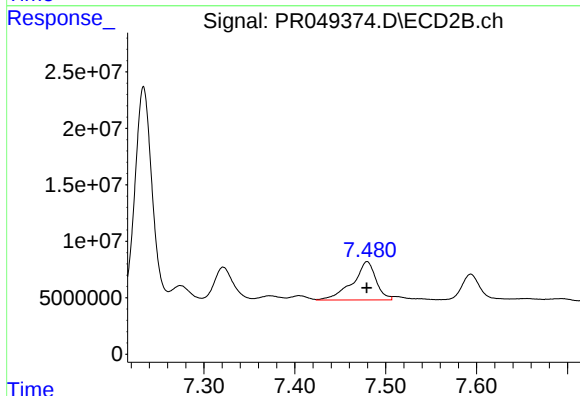
R.T.: 7.234 min
Delta R.T.: -0.003 min
Response: 242853545
Conc: 689.77 ng/ml



#35 AR-1260-5

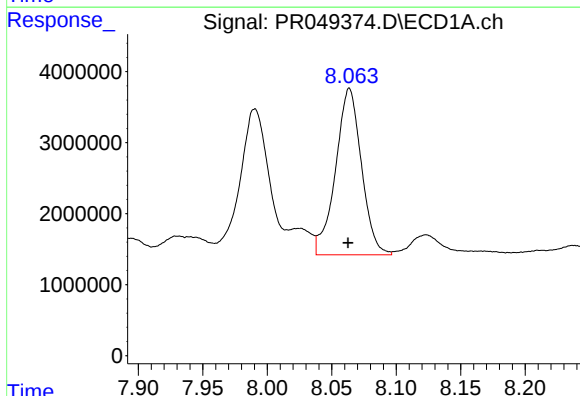
R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 12766111
Conc: 49.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



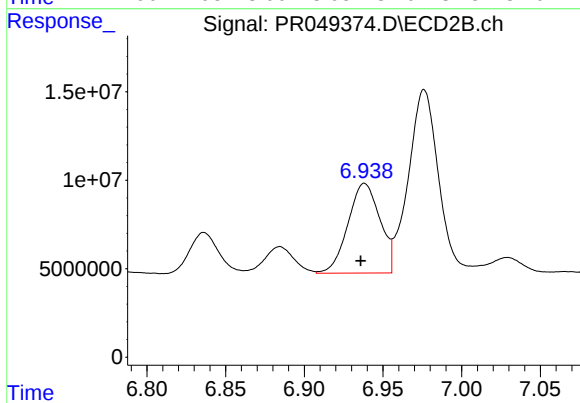
#35 AR-1260-5

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 60786949
Conc: 45.75 ng/ml



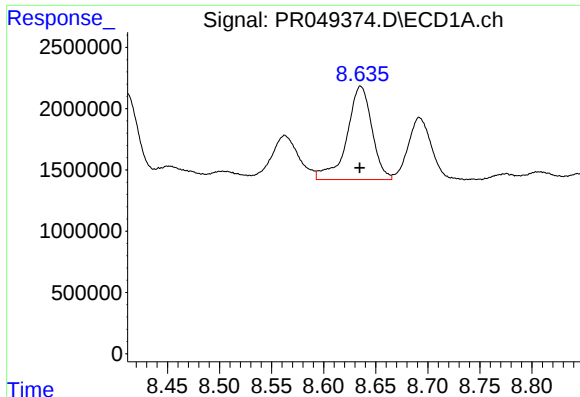
#36 AR-1262-1

R.T.: 8.064 min
Delta R.T.: 0.001 min
Response: 32751572
Conc: 190.91 ng/ml



#36 AR-1262-1

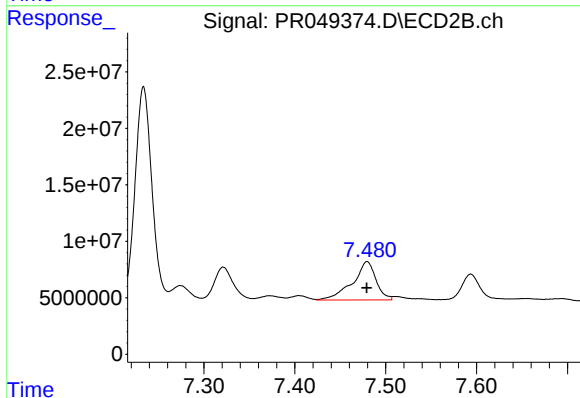
R.T.: 6.938 min
Delta R.T.: 0.002 min
Response: 71744029
Conc: 295.79 ng/ml



#37 AR-1262-2

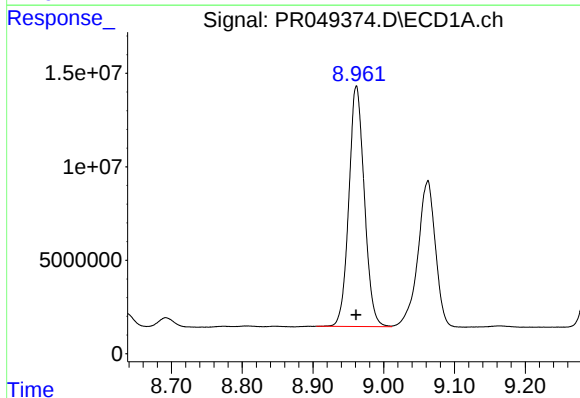
R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 12766111
Conc: 43.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



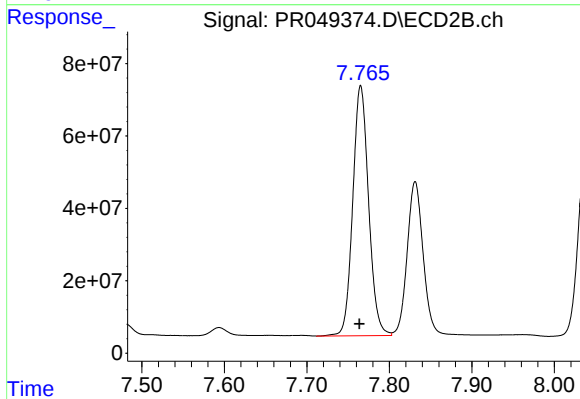
#37 AR-1262-2

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 60786949
Conc: 39.02 ng/ml



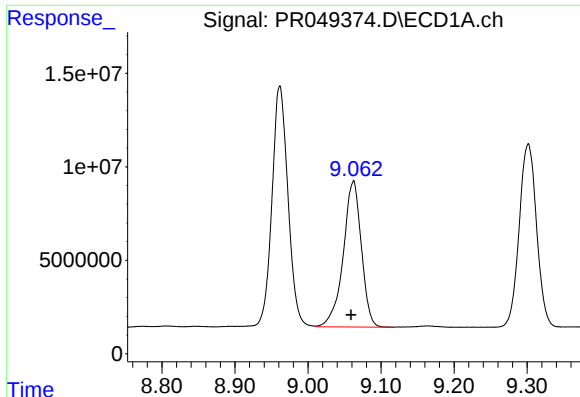
#38 AR-1262-3

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 195511636
Conc: 957.88 ng/ml



#38 AR-1262-3

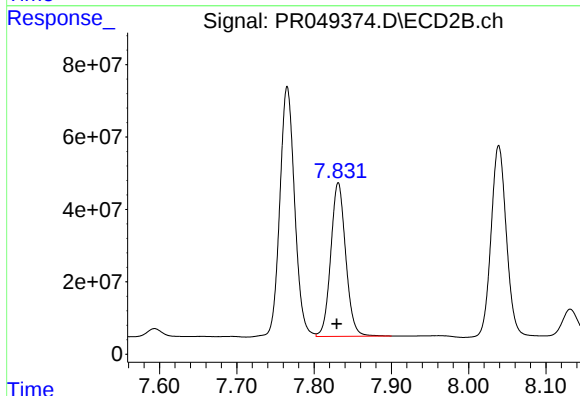
R.T.: 7.765 min
Delta R.T.: 0.001 min
Response: 921774583
Conc: 1536.27 ng/ml



#39 AR-1262-4

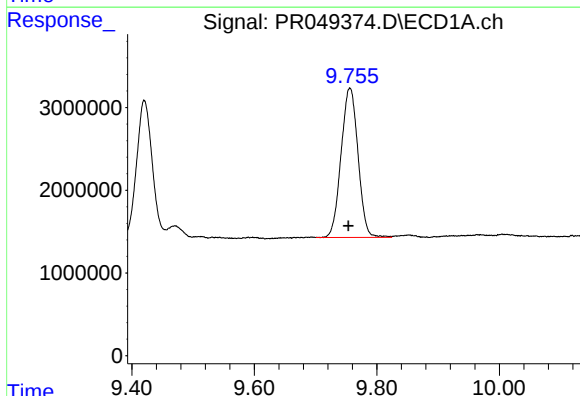
R.T.: 9.062 min
Delta R.T.: 0.004 min
Response: 134529709
Conc: 840.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



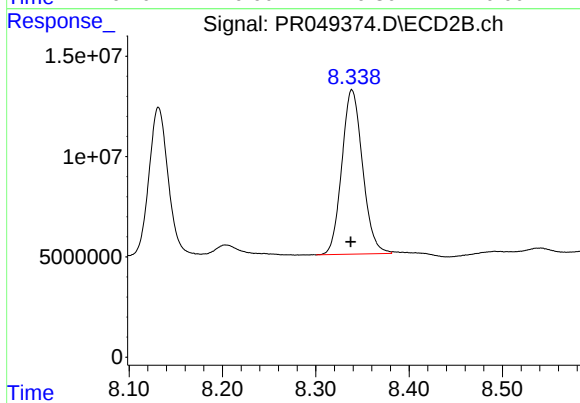
#39 AR-1262-4

R.T.: 7.831 min
Delta R.T.: 0.002 min
Response: 570527031
Conc: 569.29 ng/ml



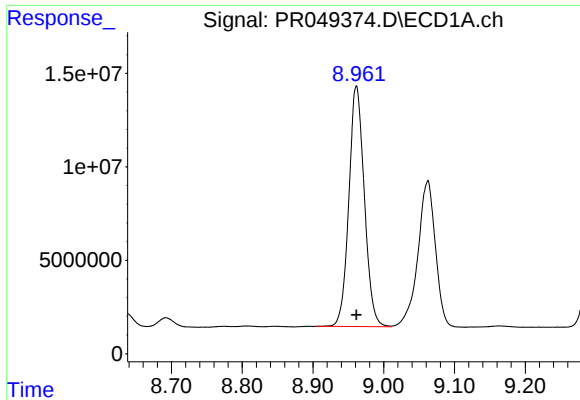
#40 AR-1262-5

R.T.: 9.756 min
Delta R.T.: 0.002 min
Response: 34656415
Conc: 300.21 ng/ml



#40 AR-1262-5

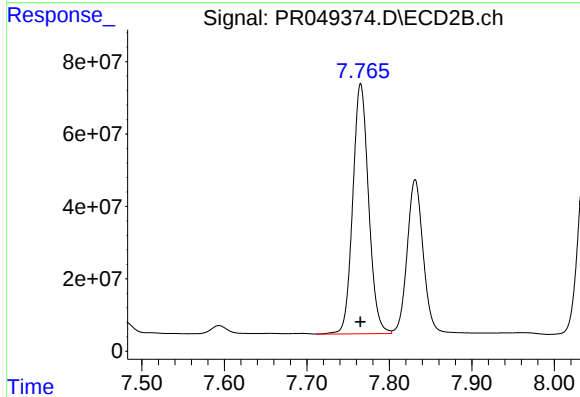
R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 126595979
Conc: 285.47 ng/ml



#41 AR-1268-1

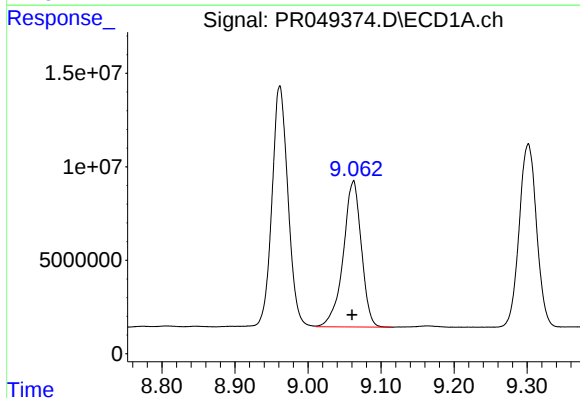
R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 195511636
Conc: 533.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



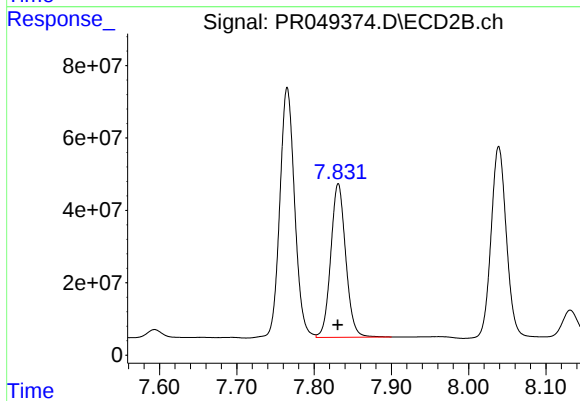
#41 AR-1268-1

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 921774583
Conc: 508.11 ng/ml



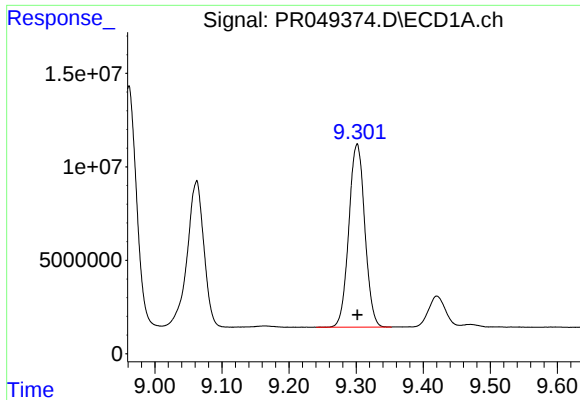
#42 AR-1268-2

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 134529709
Conc: 389.98 ng/ml



#42 AR-1268-2

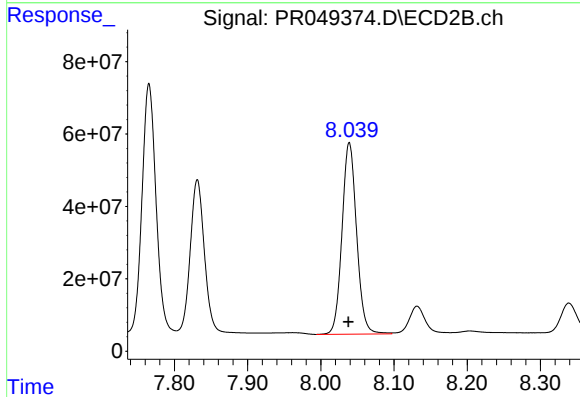
R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 570527031
Conc: 376.00 ng/ml



#43 AR-1268-3

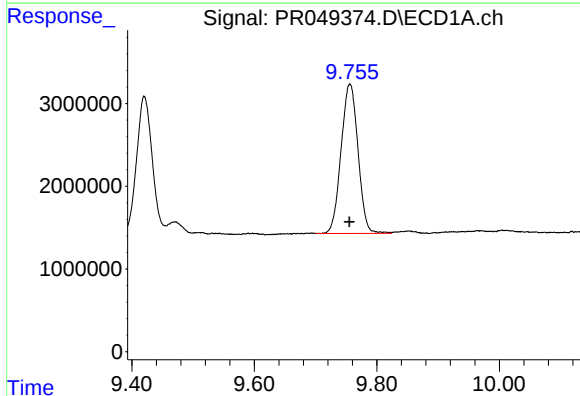
R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 162075057
Conc: 539.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



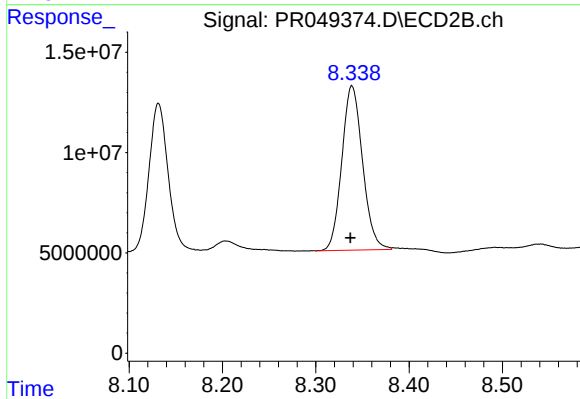
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.001 min
Response: 732243267
Conc: 544.43 ng/ml



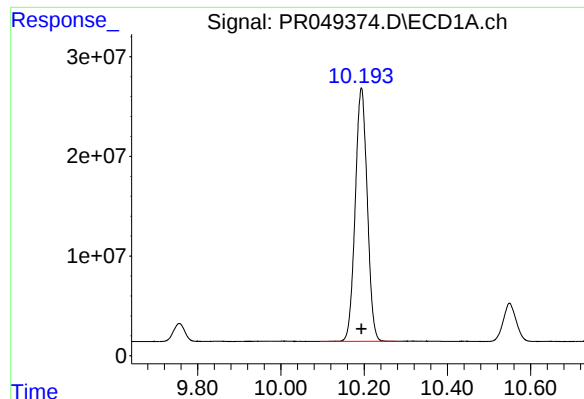
#44 AR-1268-4

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 34656415
Conc: 264.41 ng/ml



#44 AR-1268-4

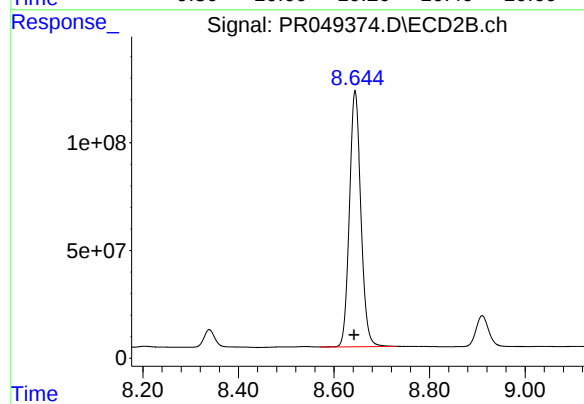
R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 126595979
Conc: 250.75 ng/ml



#45 AR-1268-5

R.T.: 10.194 min
Delta R.T.: 0.000 min
Response: 509067483
Conc: 510.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.644 min
Delta R.T.: 0.002 min
Response: 1982010389
Conc: 499.42 ng/ml