

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021919\
 Data File : PR035647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2019 23:36
 Operator : SM\SJ
 Sample : PB117169BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:09:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021919CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 20 02:45:09 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.432	3.508	15922275	42026619	17.890	21.724
2)	SA Decachlor...	10.104	8.382	71742070	248.1E6	35.030	43.314
Target Compounds							
3)	L1 AR-1016-1	5.593	4.562	4215124	11268721	62.429	68.085
4)	L1 AR-1016-2	5.615	4.579	6489572	16975380	59.503	67.315
5)	L1 AR-1016-3	5.677	4.751	4190316	9029565	62.838	68.557
6)	L1 AR-1016-4	5.775	4.792	3426533	7451193	62.510	72.803
7)	L1 AR-1016-5	6.066	4.999	3644366	10152860	61.426	67.798
9)	L2 AR-1221-2	4.729	3.799	642350	1450855	55.208	60.344
10)	L2 AR-1221-3	4.802	3.872	1795227	4482996	47.402	53.884
11)	L3 AR-1232-1	4.802	3.872	1795227	4482996	64.401	80.565 #
12)	L3 AR-1232-2	5.327	4.579	2976223	16975380	176.570	217.155
13)	L3 AR-1232-3	5.615	4.751	6489572	9029565	194.304	222.411
14)	L3 AR-1232-4	5.775	4.832	3426533	9233241	207.424	229.753
15)	L3 AR-1232-5	5.863	4.999	3194895	10152860	202.475	224.587
16)	L4 AR-1242-1	5.593	4.562	4215124	11268721	103.699	114.960
17)	L4 AR-1242-2	5.615	4.579	6489572	16975380	101.598	114.471
18)	L4 AR-1242-3	5.677	4.751	4190316	9029565	105.421	116.189
19)	L4 AR-1242-4	5.775	4.832	3426533	9233241	104.919	117.854
20)	L4 AR-1242-5	6.506	5.343	640049	9078966	14.515	74.508 #
21)	L5 AR-1248-1	5.593	4.562	4215124	11268721	155.443	161.558
22)	L5 AR-1248-2	5.863	4.792	3194895	7451193	73.547	77.488
23)	L5 AR-1248-3	6.066	4.832	3644366	9233241	71.337	92.057 #
24)	L5 AR-1248-4	6.440	4.999	3807704	10152860	58.071	78.407 #
25)	L5 AR-1248-5	6.506	5.382	640049	1647824	10.028	11.047
26)	L6 AR-1254-1	6.440	5.343	3807704	9078966	63.173	41.154 #
27)	L6 AR-1254-2	6.655	5.487	3454446	9055904	34.331	45.845 #
28)	L6 AR-1254-3	7.022	5.896	2529726	17822132	21.620	50.145 #
29)	L6 AR-1254-4	7.304	6.107	1705089	2272268	19.010	8.792 #
30)	L6 AR-1254-5	7.721	6.516	15370947	40433563	147.392	112.251
31)	L7 AR-1260-1	7.182	6.009	8935462	26011403	58.488	65.086
32)	L7 AR-1260-2	7.438	6.194	10891006	36622417	57.454	64.406
33)	L7 AR-1260-3	7.721	6.345	15370947	30773833	60.024	62.528
34)	L7 AR-1260-4	8.020	6.808	9411865	24592623	55.356	57.692
35)	L7 AR-1260-5	8.337	7.049	18367653	69860151	52.250	56.081
36)	L8 AR-1262-1	7.795	6.553	7354919	29172275	53.318	61.174
37)	L8 AR-1262-2	8.337	7.049	18367653	69860151	72.765	78.042
38)	L8 AR-1262-3	8.660	7.327	12192968	14112376	69.155	36.200 #
39)	L8 AR-1262-4	8.714	7.391	6708883	48782380	50.755	75.527 #
40)	L8 AR-1262-5	9.375	7.881	4695439	16136108	50.413	51.474
41)	L9 AR-1268-1	8.660	7.327	12192968	14112376	25.596	7.726 #
42)	L9 AR-1268-2	8.714	7.391	6708883	48782380	15.734	30.640 #

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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
43) L9	AR-1268-3	8.955	7.592	1964633	4431667	5.415	3.198 #
44) L9	AR-1268-4	9.375	7.881	4695439	16136108	29.250	29.350
45) L9	AR-1268-5	9.776	8.152	2493649	6896193	2.166	1.671

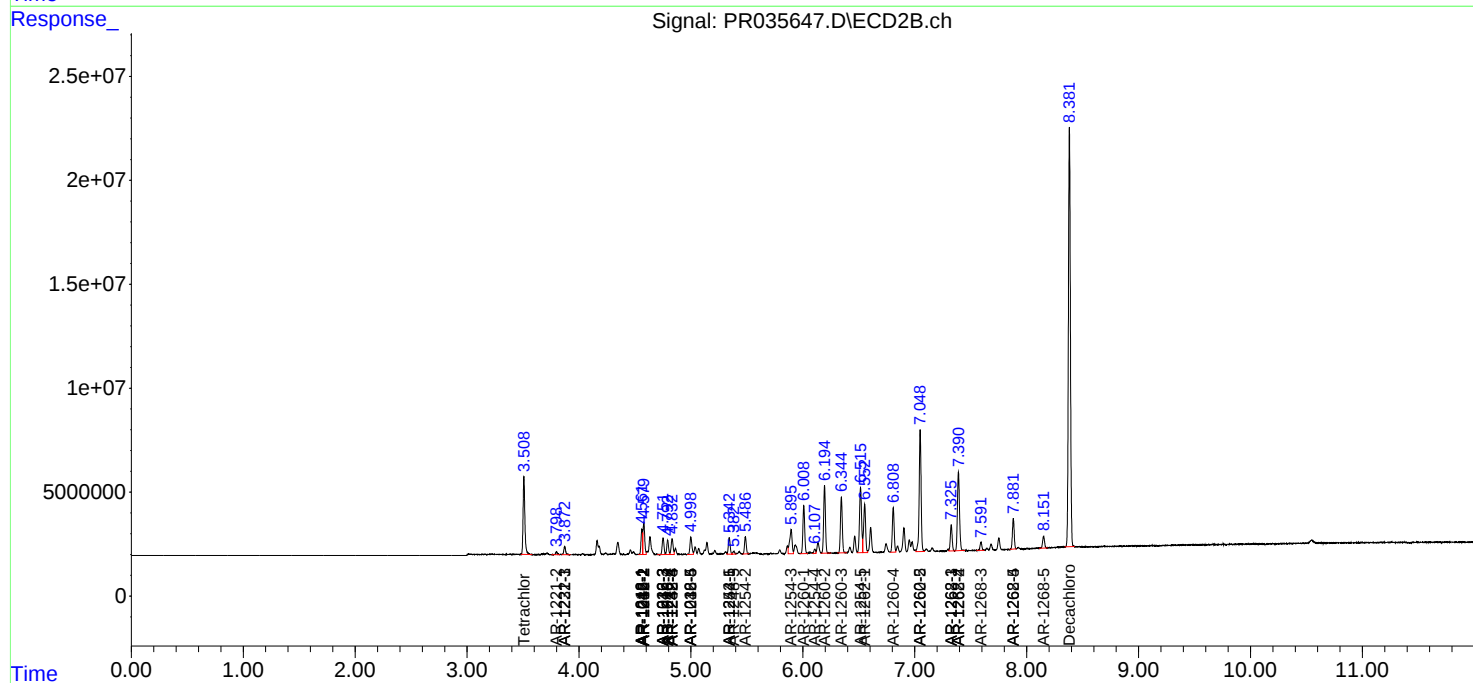
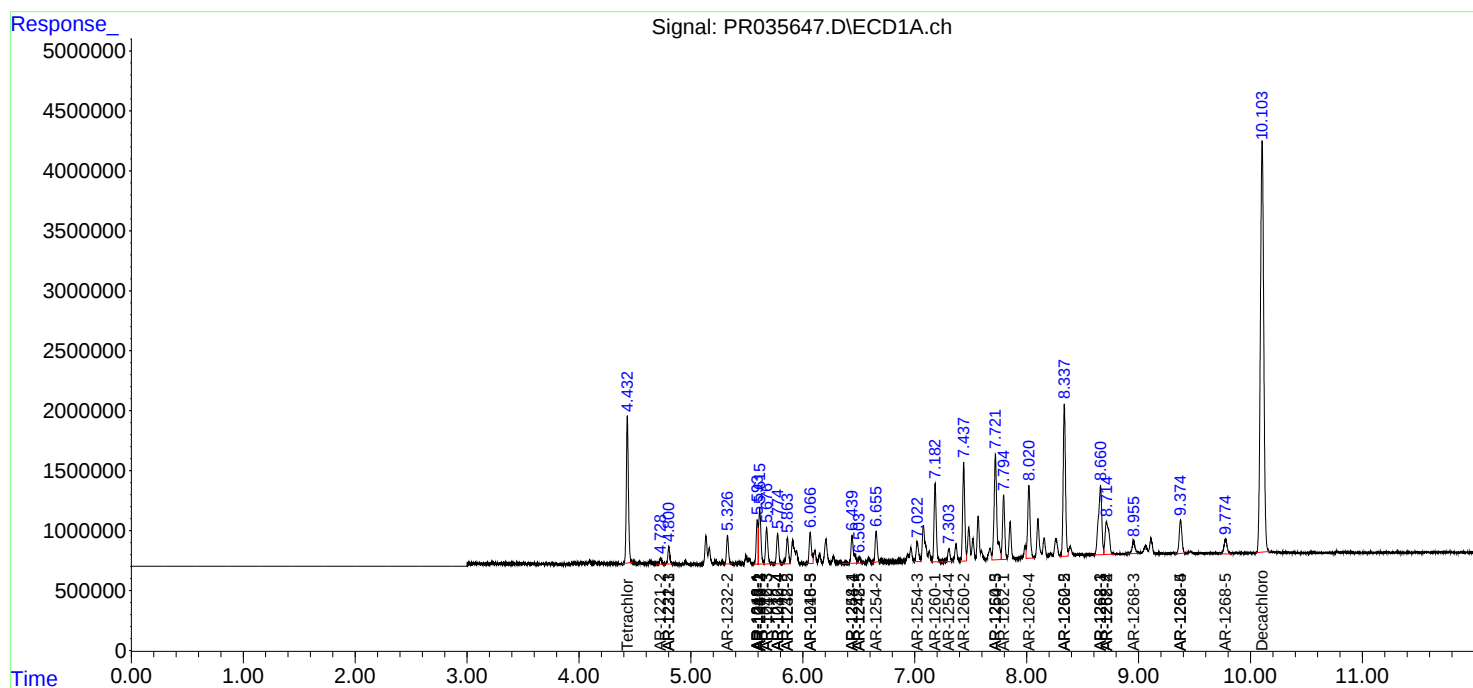
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

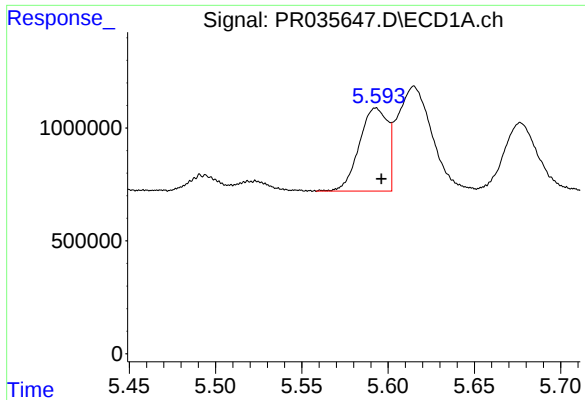
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

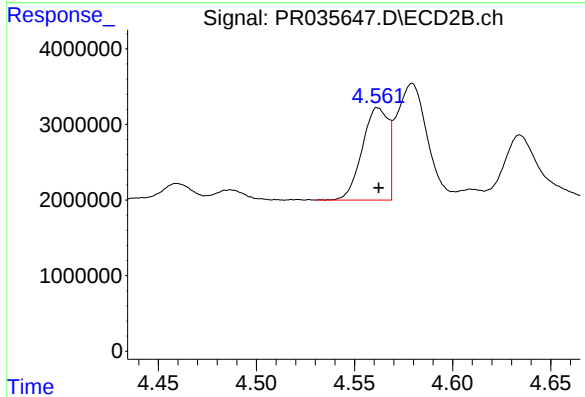




#3 AR-1016-1

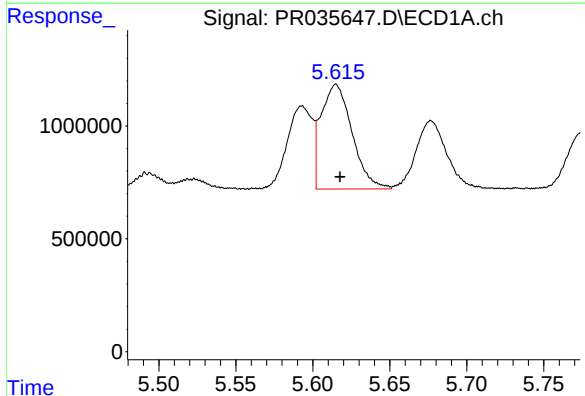
R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 4215124
Conc: 62.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



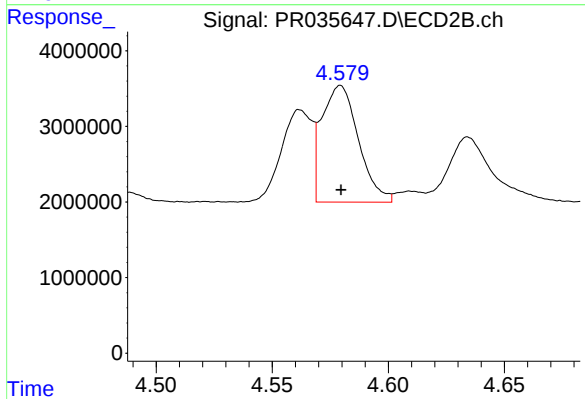
#3 AR-1016-1

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 11268721
Conc: 68.08 ng/ml



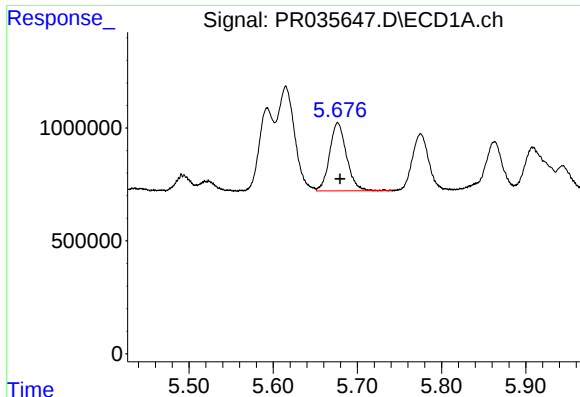
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 6489572
Conc: 59.50 ng/ml



#4 AR-1016-2

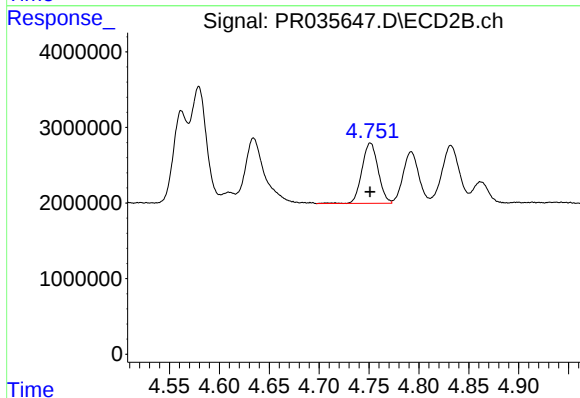
R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 16975380
Conc: 67.31 ng/ml



#5 AR-1016-3

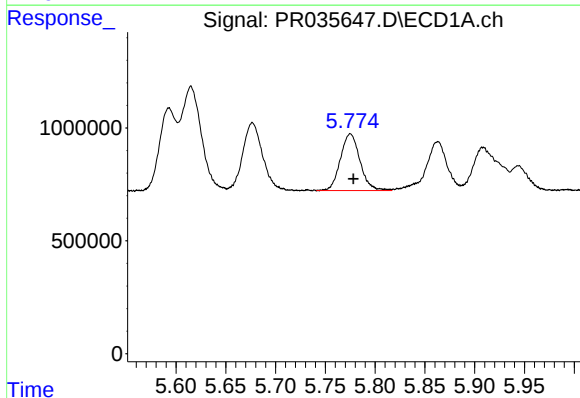
R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 4190316
Conc: 62.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



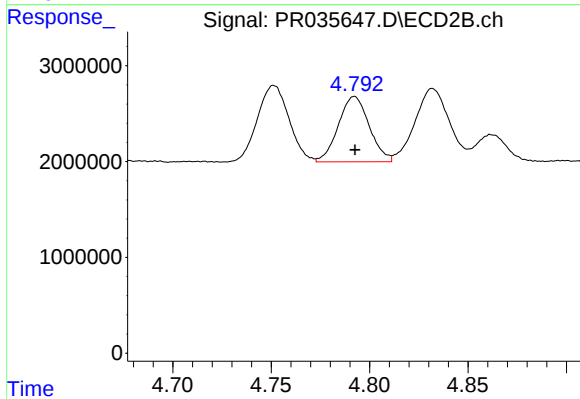
#5 AR-1016-3

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 9029565
Conc: 68.56 ng/ml



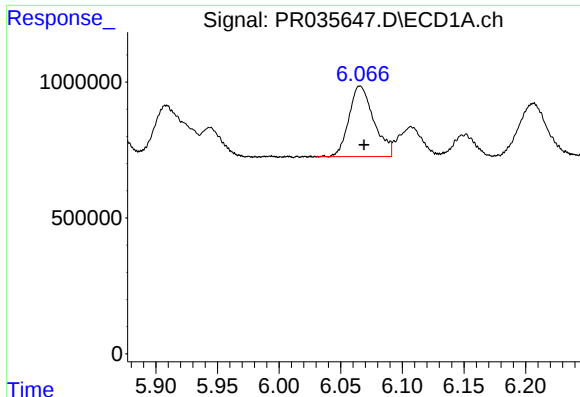
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 3426533
Conc: 62.51 ng/ml



#6 AR-1016-4

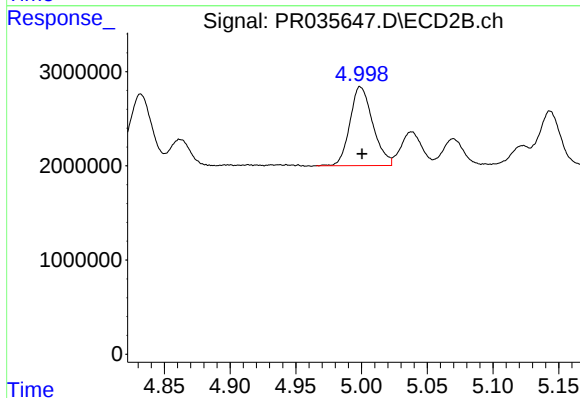
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 7451193
Conc: 72.80 ng/ml



#7 AR-1016-5

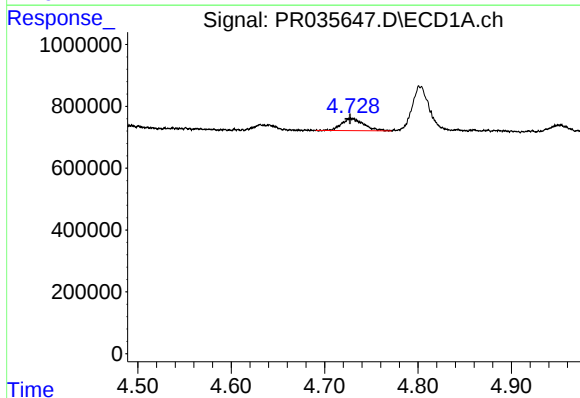
R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 3644366
Conc: 61.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



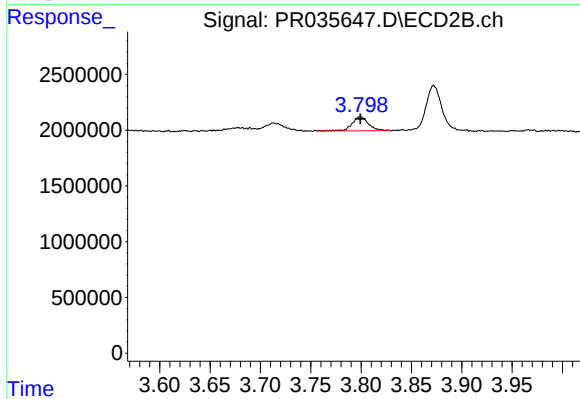
#7 AR-1016-5

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 10152860
Conc: 67.80 ng/ml



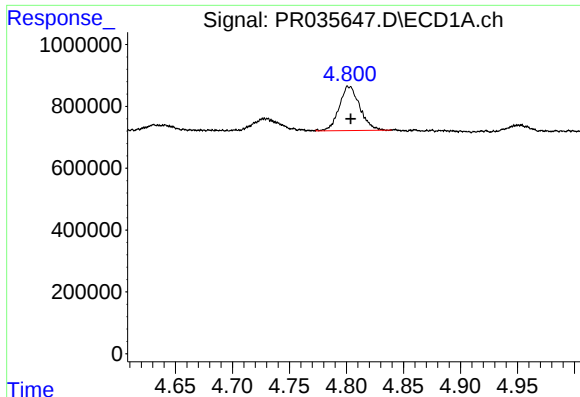
#9 AR-1221-2

R.T.: 4.729 min
Delta R.T.: 0.001 min
Response: 642350
Conc: 55.21 ng/ml



#9 AR-1221-2

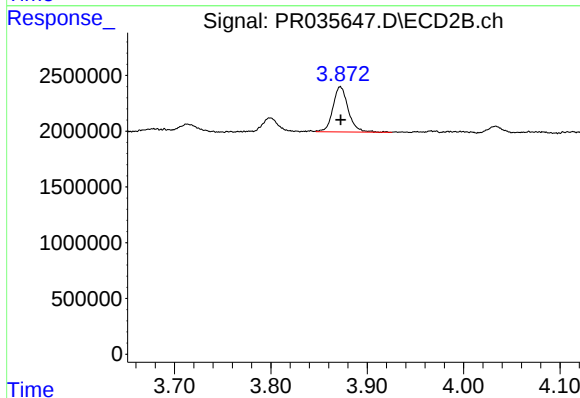
R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 1450855
Conc: 60.34 ng/ml



#10 AR-1221-3

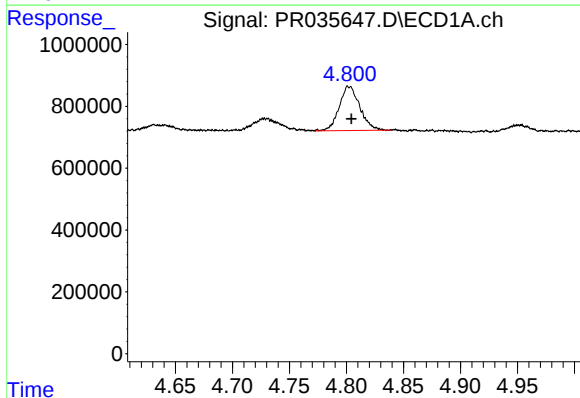
R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 1795227
Conc: 47.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



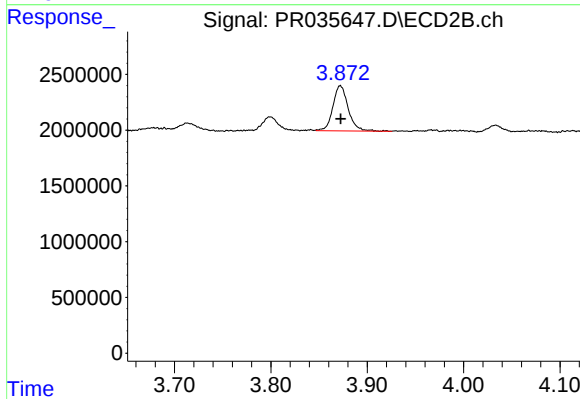
#10 AR-1221-3

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 4482996
Conc: 53.88 ng/ml



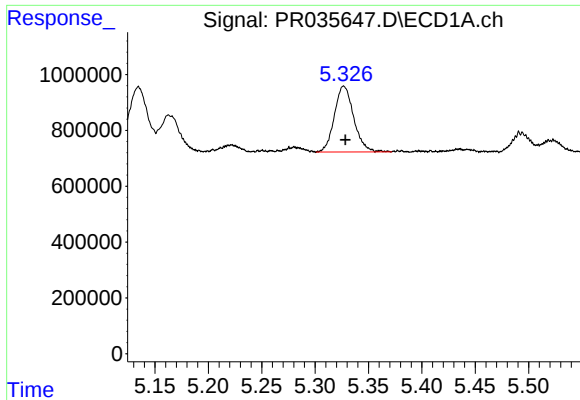
#11 AR-1232-1

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 1795227
Conc: 64.40 ng/ml



#11 AR-1232-1

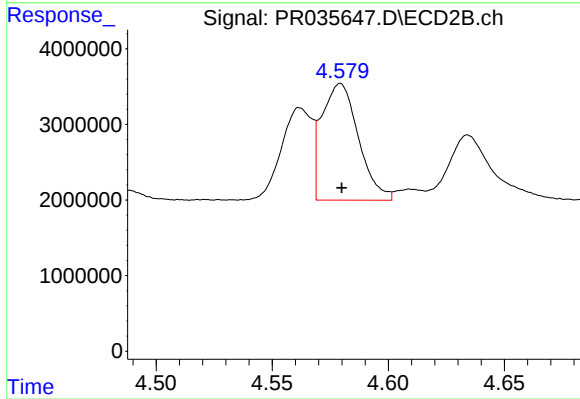
R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 4482996
Conc: 80.56 ng/ml



#12 AR-1232-2

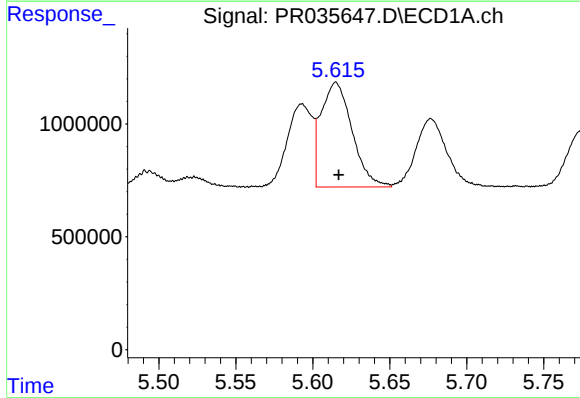
R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 2976223
Conc: 176.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



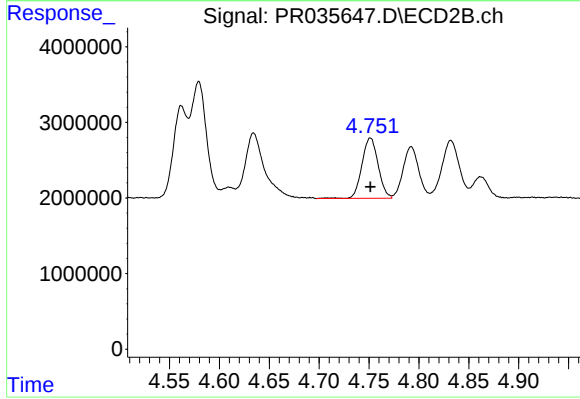
#12 AR-1232-2

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 16975380
Conc: 217.15 ng/ml



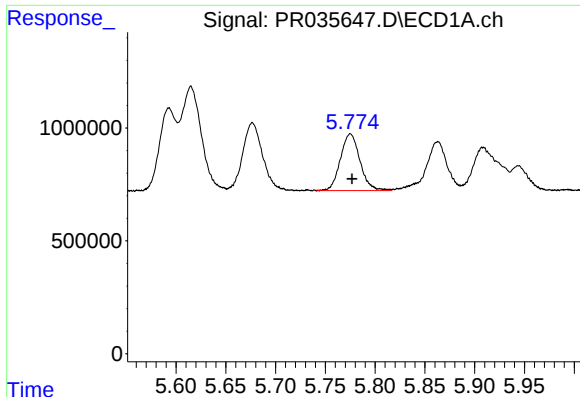
#13 AR-1232-3

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 6489572
Conc: 194.30 ng/ml



#13 AR-1232-3

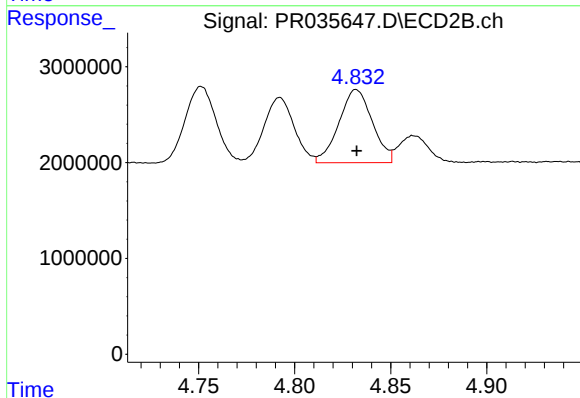
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 9029565
Conc: 222.41 ng/ml



#14 AR-1232-4

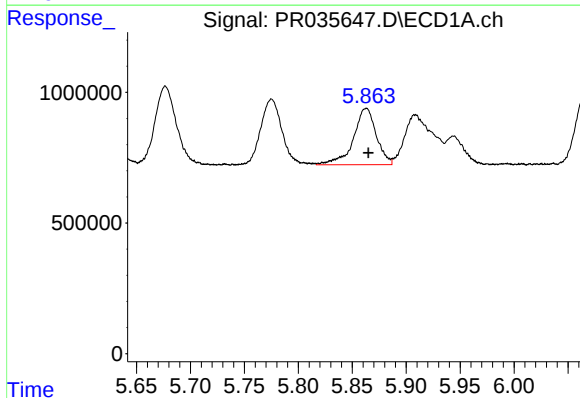
R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 3426533
Conc: 207.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



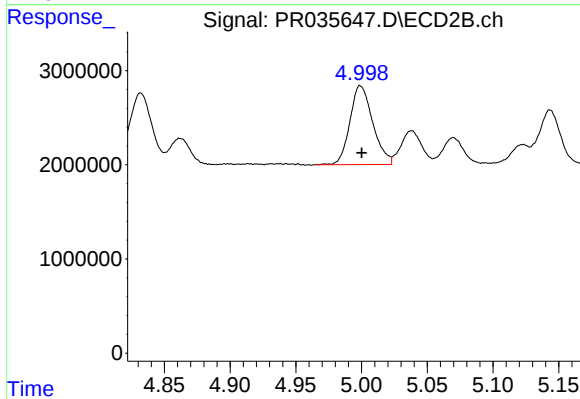
#14 AR-1232-4

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 9233241
Conc: 229.75 ng/ml



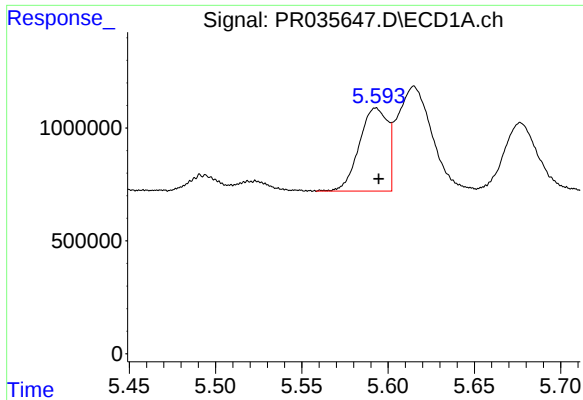
#15 AR-1232-5

R.T.: 5.863 min
Delta R.T.: -0.002 min
Response: 3194895
Conc: 202.48 ng/ml



#15 AR-1232-5

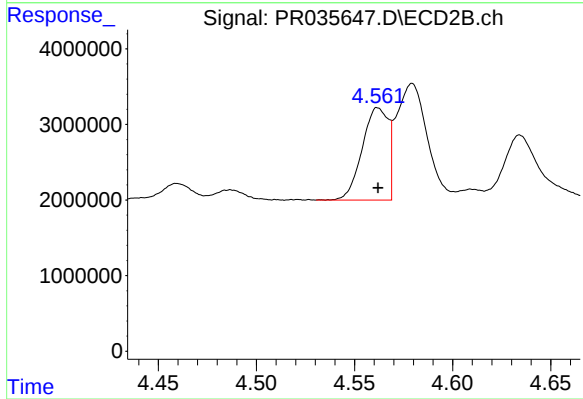
R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 10152860
Conc: 224.59 ng/ml



#16 AR-1242-1

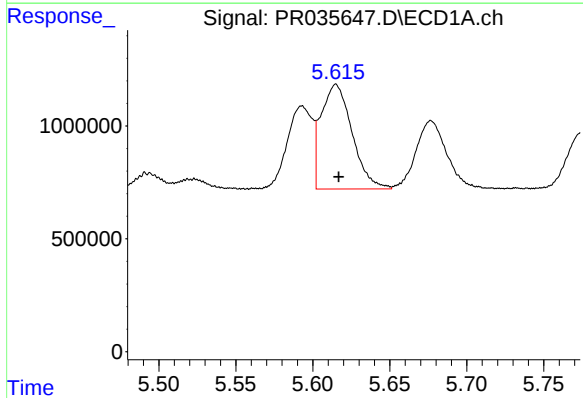
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 4215124
Conc: 103.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



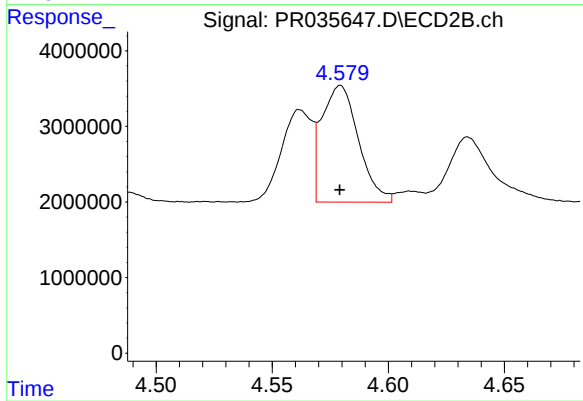
#16 AR-1242-1

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 11268721
Conc: 114.96 ng/ml



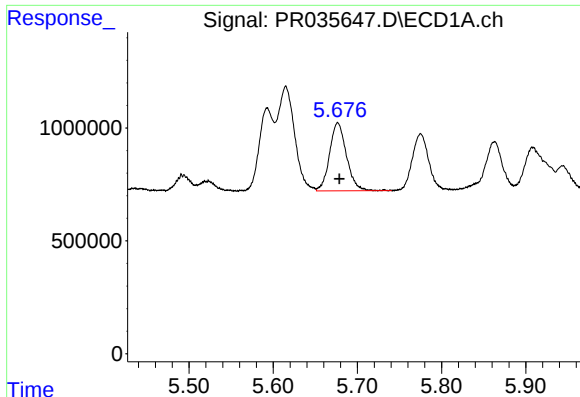
#17 AR-1242-2

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 6489572
Conc: 101.60 ng/ml



#17 AR-1242-2

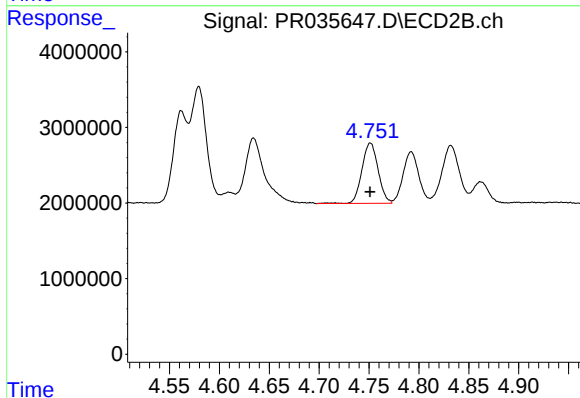
R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 16975380
Conc: 114.47 ng/ml



#18 AR-1242-3

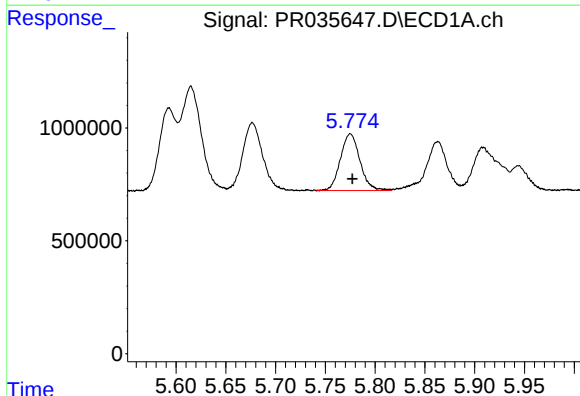
R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 4190316
Conc: 105.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



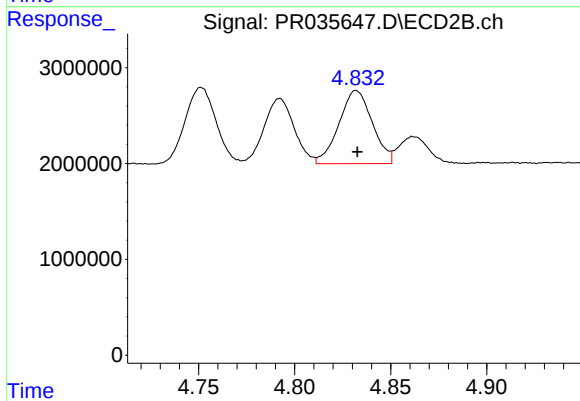
#18 AR-1242-3

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 9029565
Conc: 116.19 ng/ml



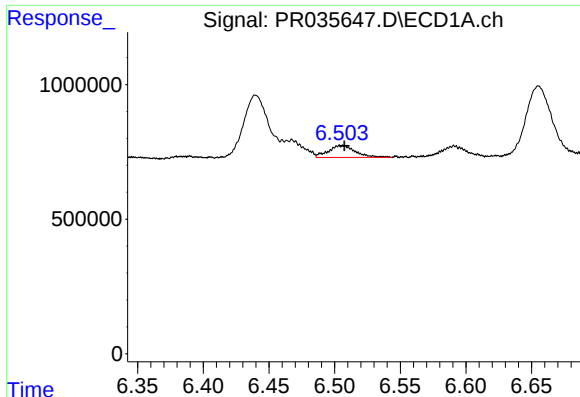
#19 AR-1242-4

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 3426533
Conc: 104.92 ng/ml



#19 AR-1242-4

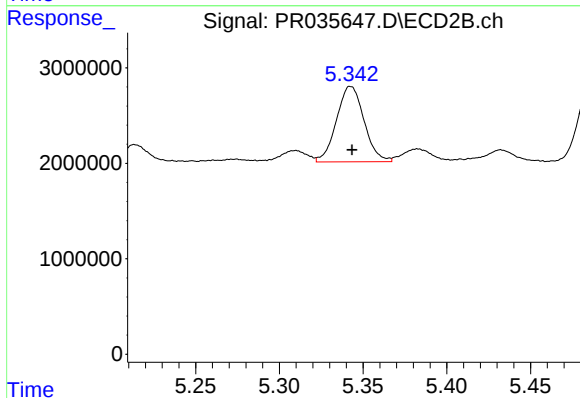
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 9233241
Conc: 117.85 ng/ml



#20 AR-1242-5

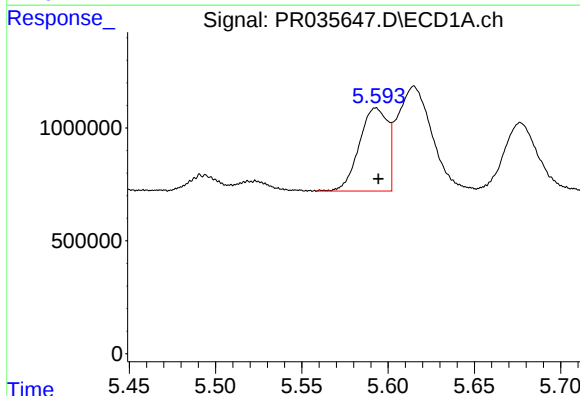
R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 640049
Conc: 14.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



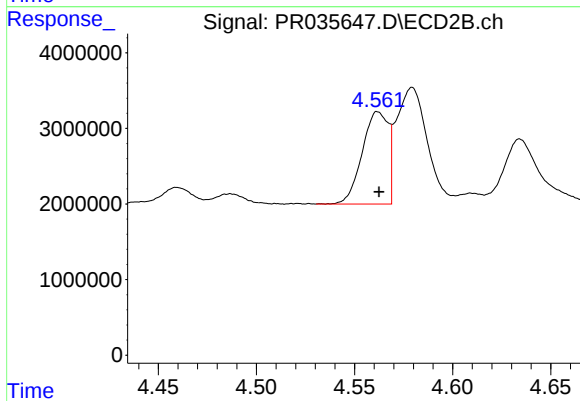
#20 AR-1242-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 9078966
Conc: 74.51 ng/ml



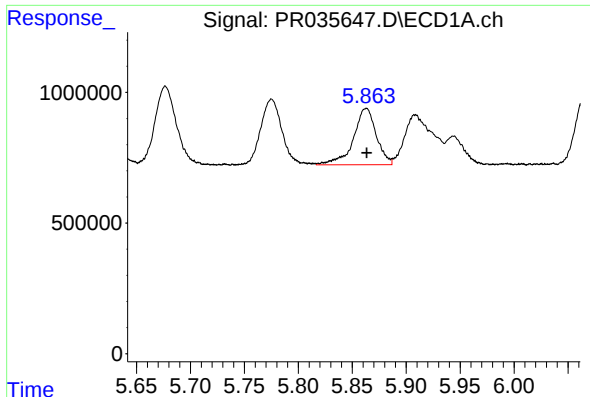
#21 AR-1248-1

R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 4215124
Conc: 155.44 ng/ml



#21 AR-1248-1

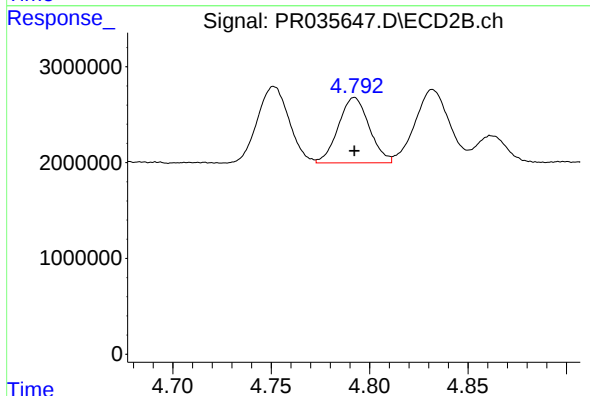
R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 11268721
Conc: 161.56 ng/ml



#22 AR-1248-2

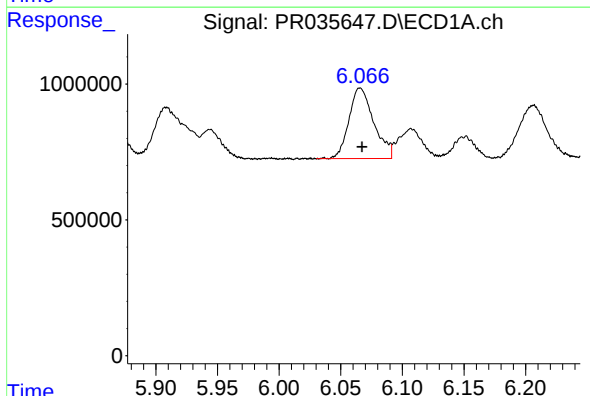
R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 3194895
Conc: 73.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



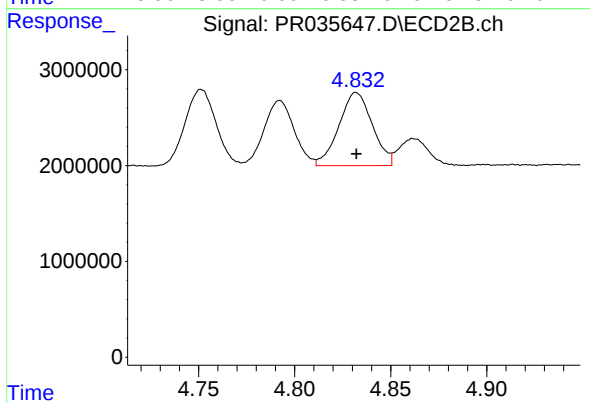
#22 AR-1248-2

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 7451193
Conc: 77.49 ng/ml



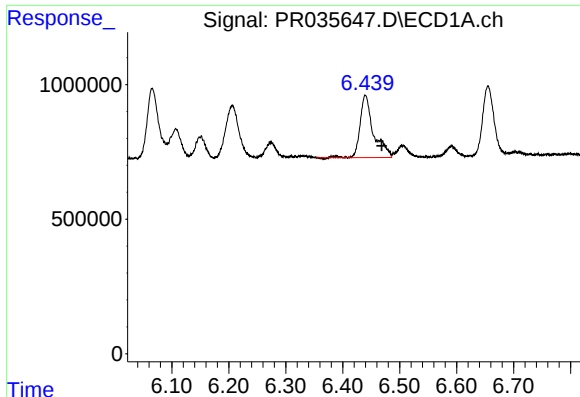
#23 AR-1248-3

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 3644366
Conc: 71.34 ng/ml



#23 AR-1248-3

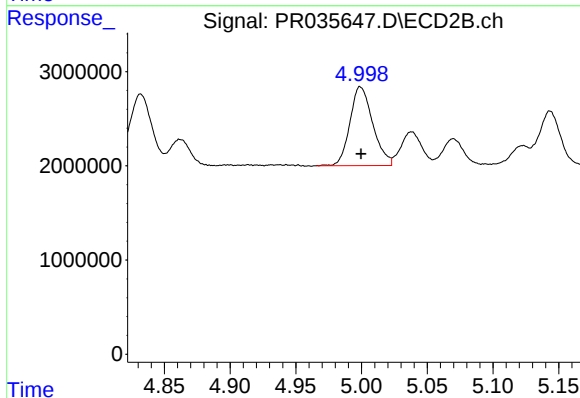
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 9233241
Conc: 92.06 ng/ml



#24 AR-1248-4

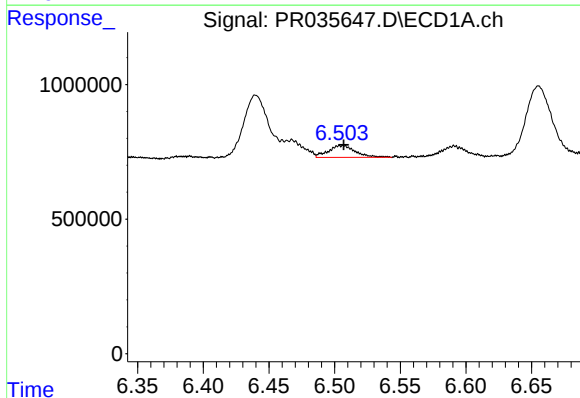
R.T.: 6.440 min
Delta R.T.: -0.028 min
Response: 3807704
Conc: 58.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



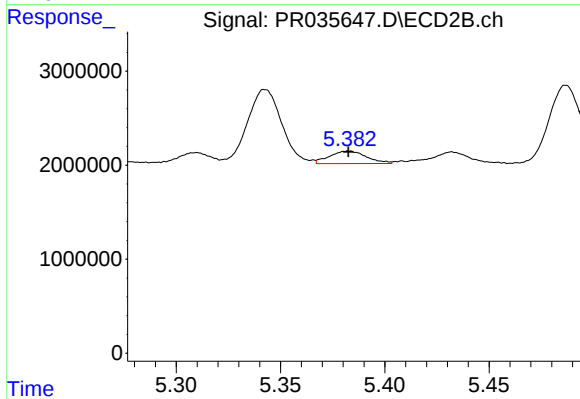
#24 AR-1248-4

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 10152860
Conc: 78.41 ng/ml



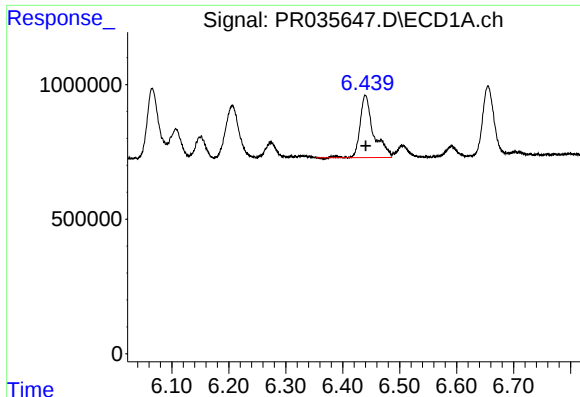
#25 AR-1248-5

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 640049
Conc: 10.03 ng/ml



#25 AR-1248-5

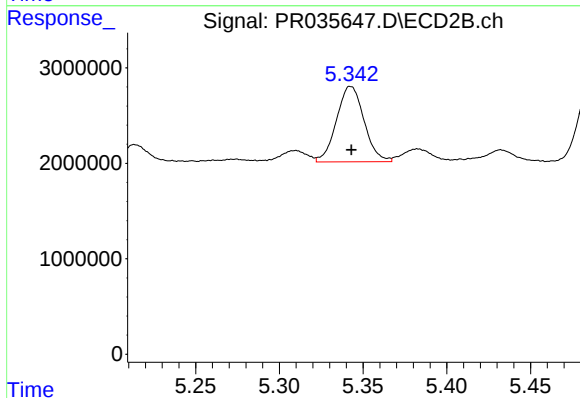
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 1647824
Conc: 11.05 ng/ml



#26 AR-1254-1

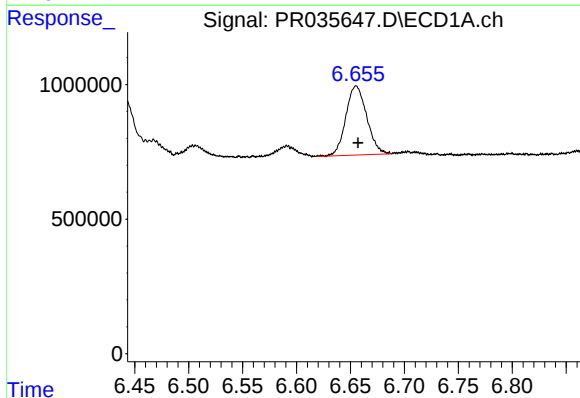
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 3807704
Conc: 63.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



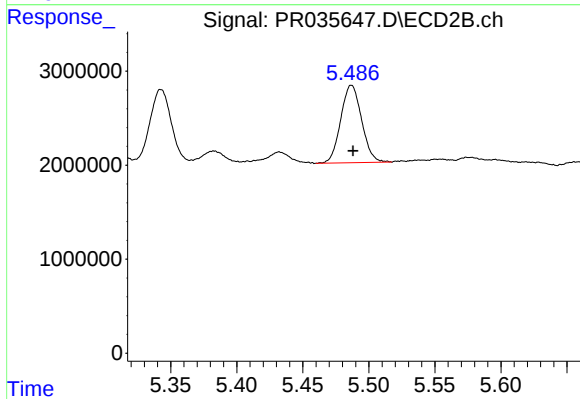
#26 AR-1254-1

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 9078966
Conc: 41.15 ng/ml



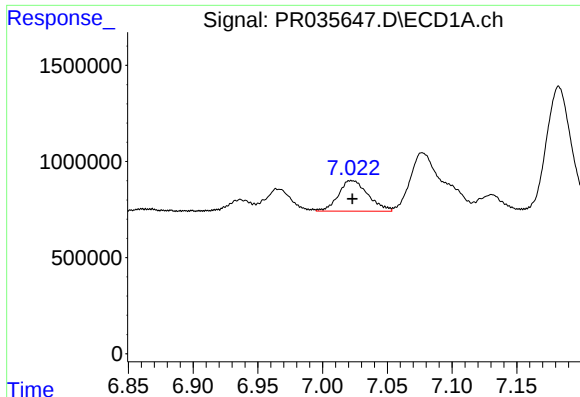
#27 AR-1254-2

R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 3454446
Conc: 34.33 ng/ml



#27 AR-1254-2

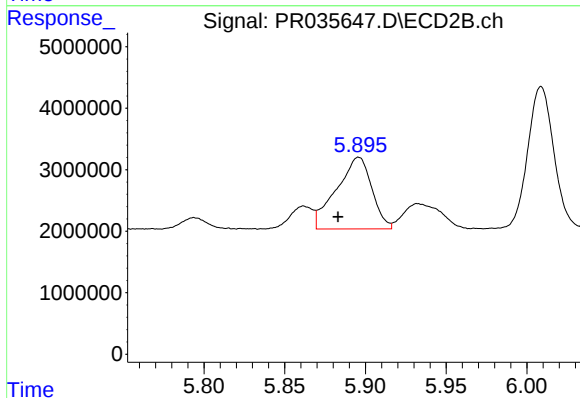
R.T.: 5.487 min
Delta R.T.: -0.001 min
Response: 9055904
Conc: 45.85 ng/ml



#28 AR-1254-3

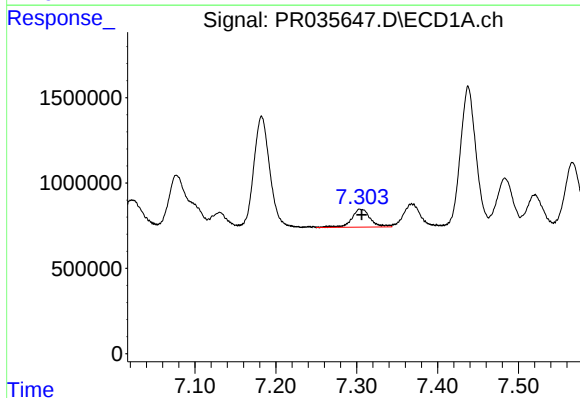
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 2529726
Conc: 21.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



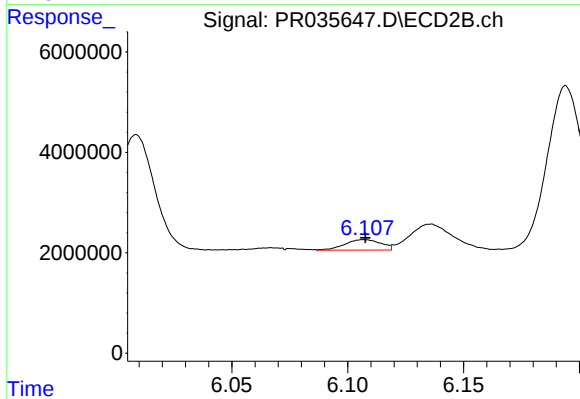
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: 0.013 min
Response: 17822132
Conc: 50.15 ng/ml



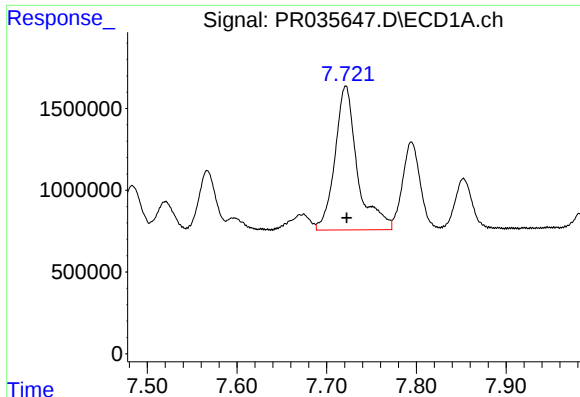
#29 AR-1254-4

R.T.: 7.304 min
Delta R.T.: -0.002 min
Response: 1705089
Conc: 19.01 ng/ml



#29 AR-1254-4

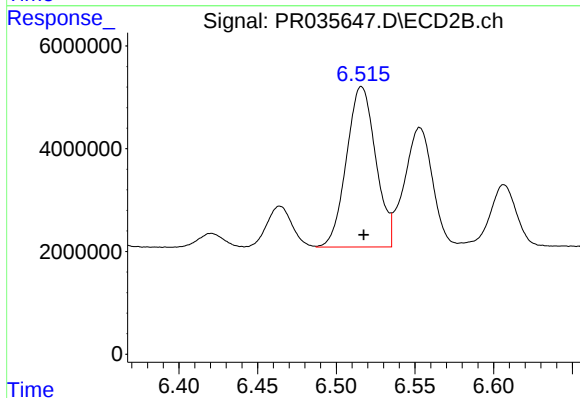
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2272268
Conc: 8.79 ng/ml



#30 AR-1254-5

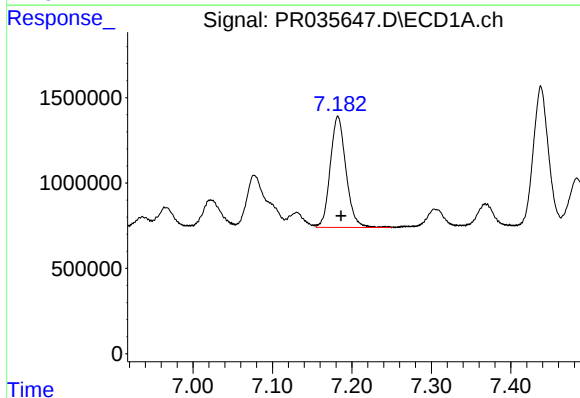
R.T.: 7.721 min
Delta R.T.: -0.001 min
Response: 15370947
Conc: 147.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



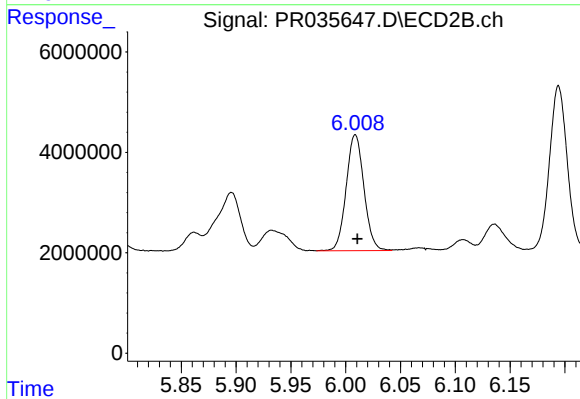
#30 AR-1254-5

R.T.: 6.516 min
Delta R.T.: -0.001 min
Response: 40433563
Conc: 112.25 ng/ml



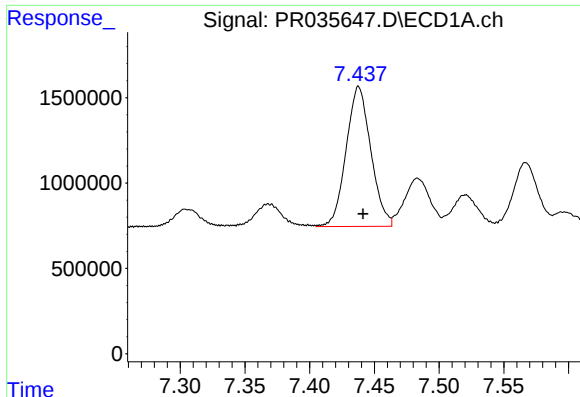
#31 AR-1260-1

R.T.: 7.182 min
Delta R.T.: -0.004 min
Response: 8935462
Conc: 58.49 ng/ml



#31 AR-1260-1

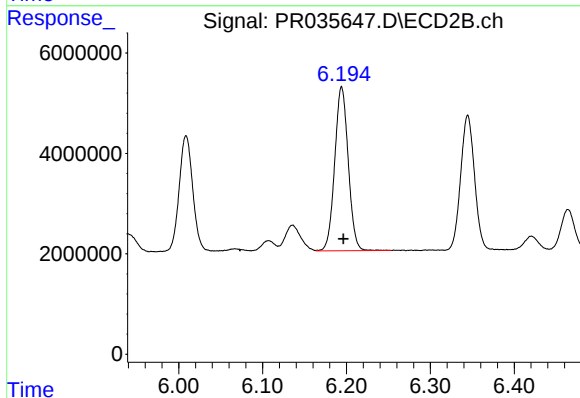
R.T.: 6.009 min
Delta R.T.: -0.002 min
Response: 26011403
Conc: 65.09 ng/ml



#32 AR-1260-2

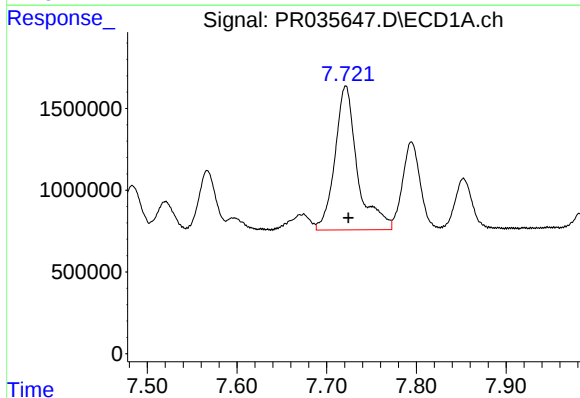
R.T.: 7.438 min
Delta R.T.: -0.003 min
Response: 10891006
Conc: 57.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



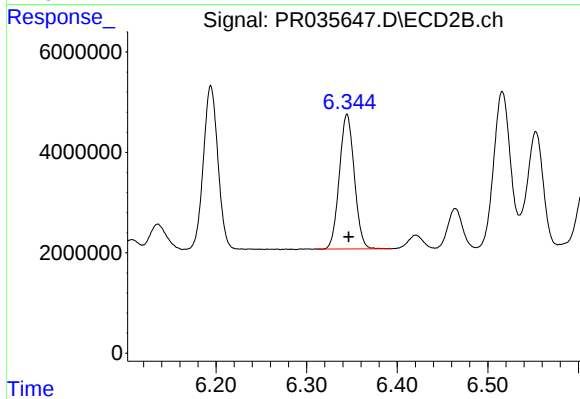
#32 AR-1260-2

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 36622417
Conc: 64.41 ng/ml



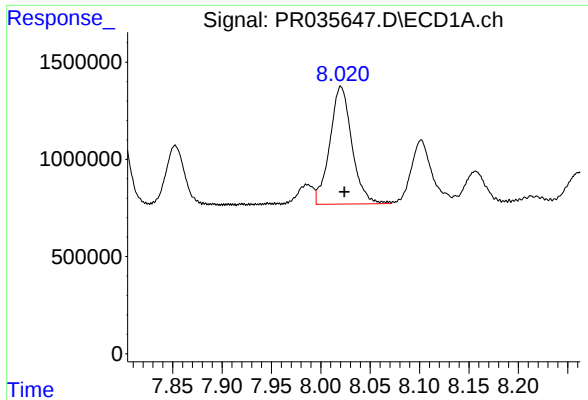
#33 AR-1260-3

R.T.: 7.721 min
Delta R.T.: -0.003 min
Response: 15370947
Conc: 60.02 ng/ml



#33 AR-1260-3

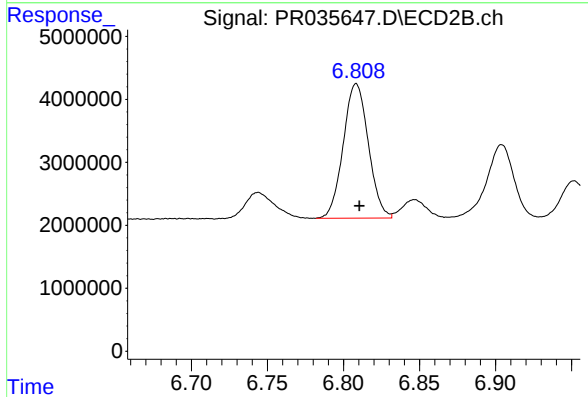
R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 30773833
Conc: 62.53 ng/ml



#34 AR-1260-4

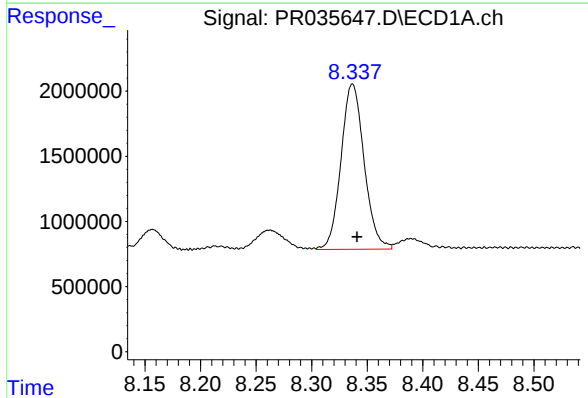
R.T.: 8.020 min
Delta R.T.: -0.004 min
Response: 9411865
Conc: 55.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



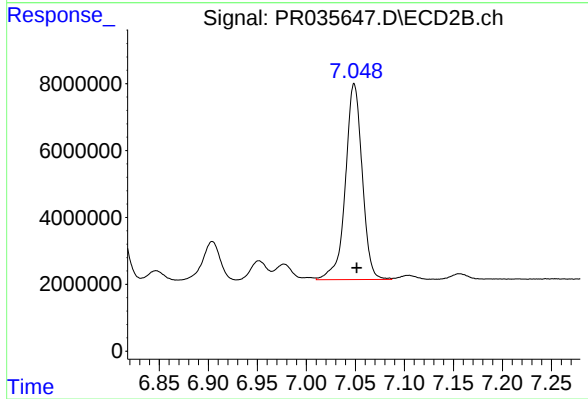
#34 AR-1260-4

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 24592623
Conc: 57.69 ng/ml



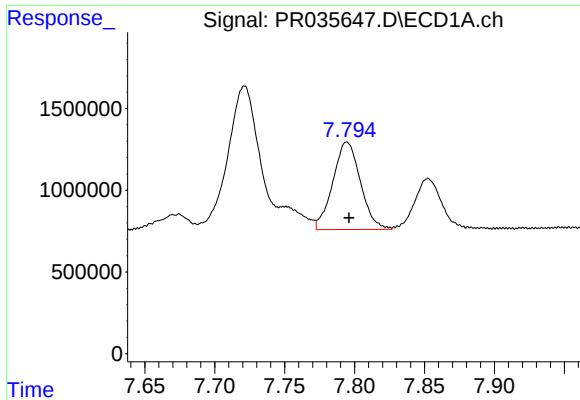
#35 AR-1260-5

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 18367653
Conc: 52.25 ng/ml



#35 AR-1260-5

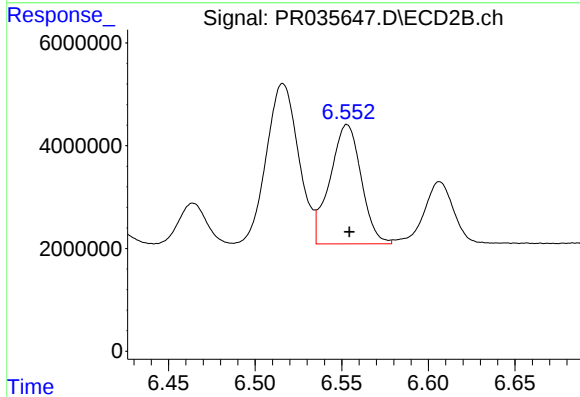
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 69860151
Conc: 56.08 ng/ml



#36 AR-1262-1

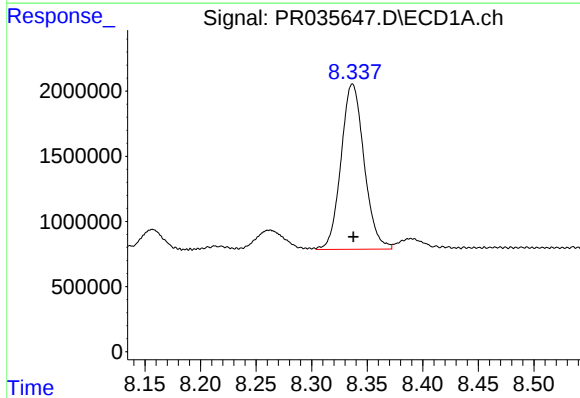
R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 7354919
Conc: 53.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



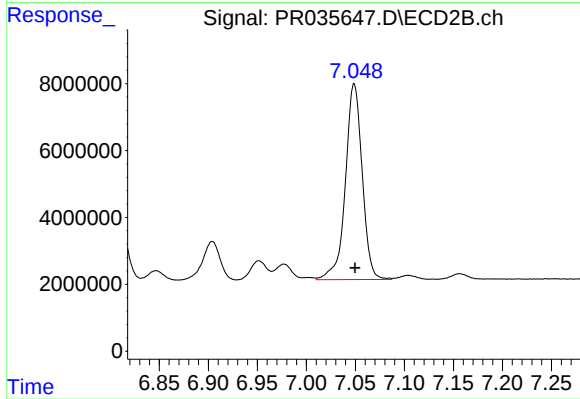
#36 AR-1262-1

R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 29172275
Conc: 61.17 ng/ml



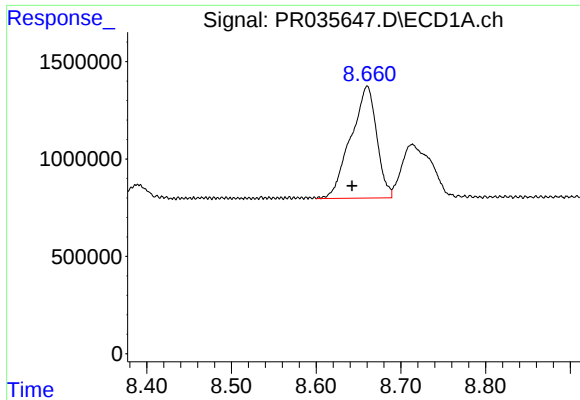
#37 AR-1262-2

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 18367653
Conc: 72.76 ng/ml



#37 AR-1262-2

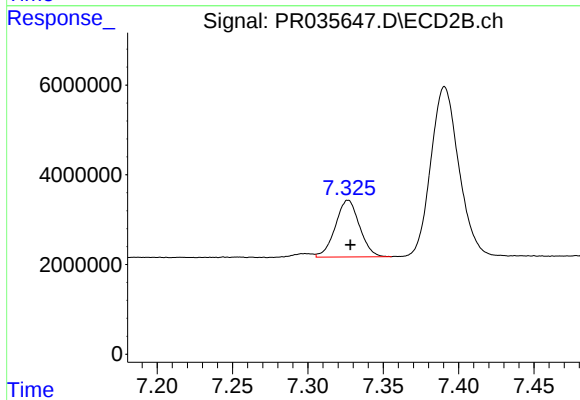
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 69860151
Conc: 78.04 ng/ml



#38 AR-1262-3

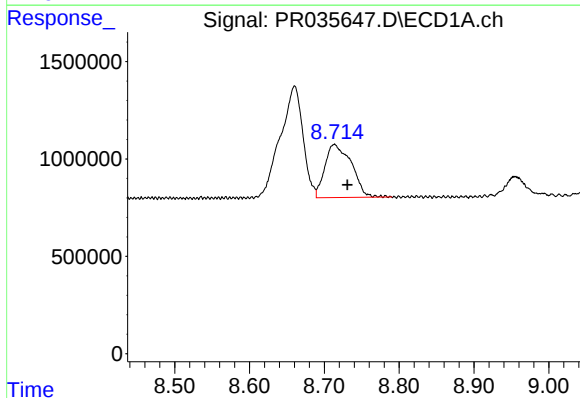
R.T.: 8.660 min
Delta R.T.: 0.018 min
Response: 12192968
Conc: 69.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



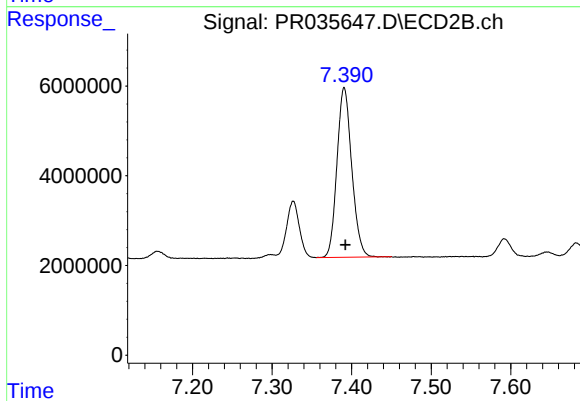
#38 AR-1262-3

R.T.: 7.327 min
Delta R.T.: -0.001 min
Response: 14112376
Conc: 36.20 ng/ml



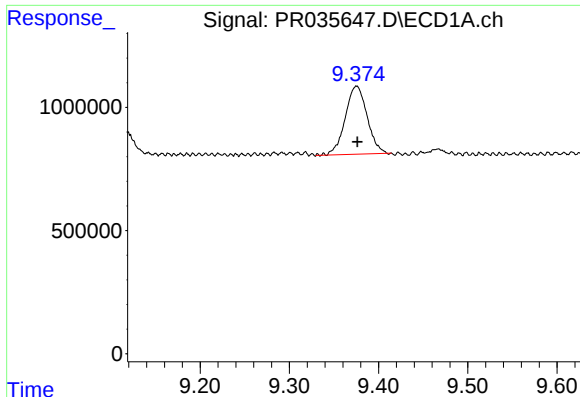
#39 AR-1262-4

R.T.: 8.714 min
Delta R.T.: -0.017 min
Response: 6708883
Conc: 50.75 ng/ml



#39 AR-1262-4

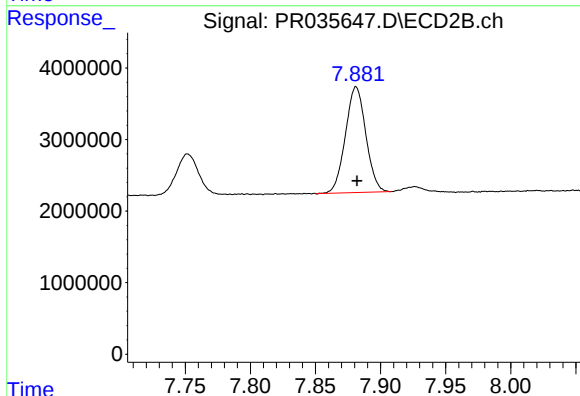
R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 48782380
Conc: 75.53 ng/ml



#40 AR-1262-5

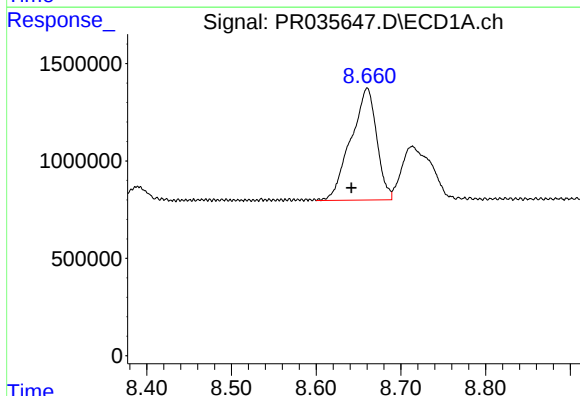
R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 4695439
Conc: 50.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



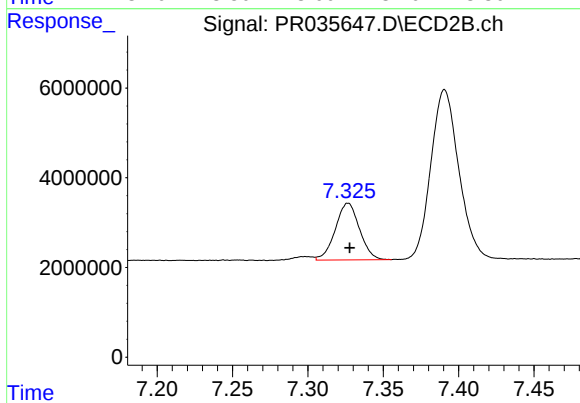
#40 AR-1262-5

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 16136108
Conc: 51.47 ng/ml



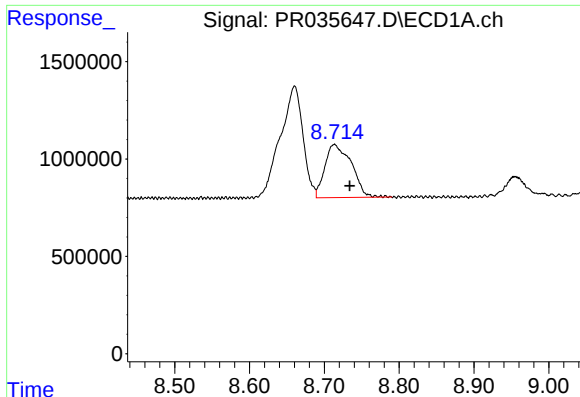
#41 AR-1268-1

R.T.: 8.660 min
Delta R.T.: 0.019 min
Response: 12192968
Conc: 25.60 ng/ml



#41 AR-1268-1

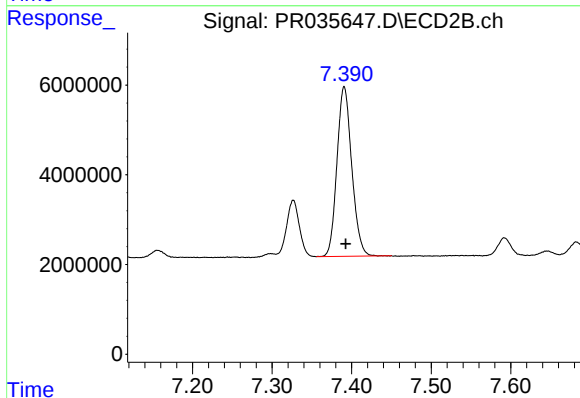
R.T.: 7.327 min
Delta R.T.: -0.001 min
Response: 14112376
Conc: 7.73 ng/ml



#42 AR-1268-2

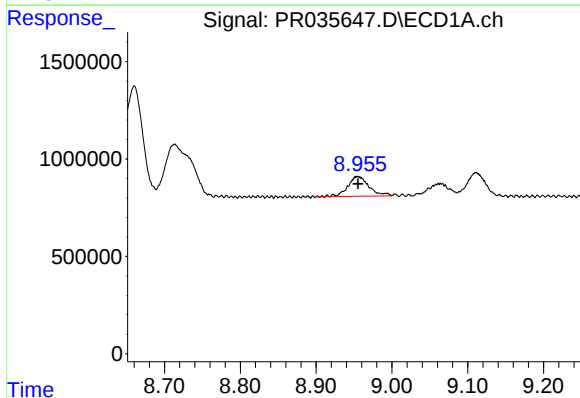
R.T.: 8.714 min
Delta R.T.: -0.020 min
Response: 6708883
Conc: 15.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



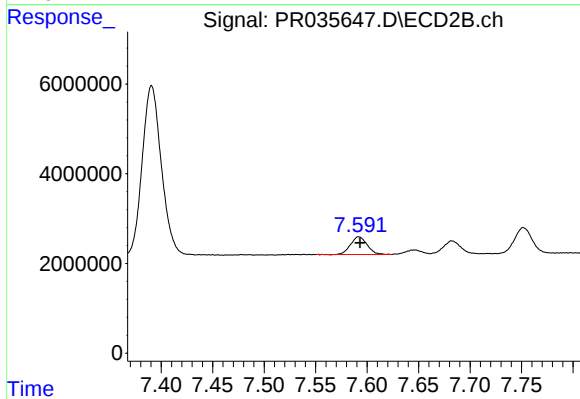
#42 AR-1268-2

R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 48782380
Conc: 30.64 ng/ml



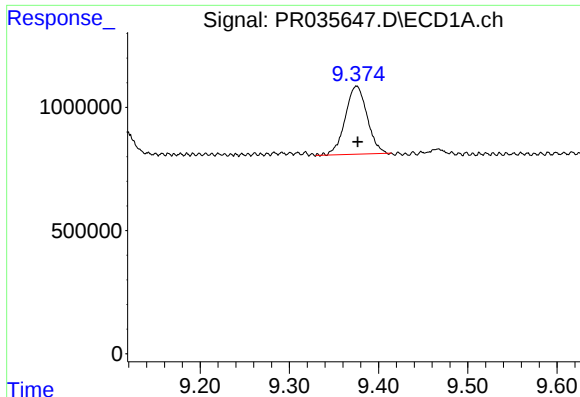
#43 AR-1268-3

R.T.: 8.955 min
Delta R.T.: 0.000 min
Response: 1964633
Conc: 5.41 ng/ml



#43 AR-1268-3

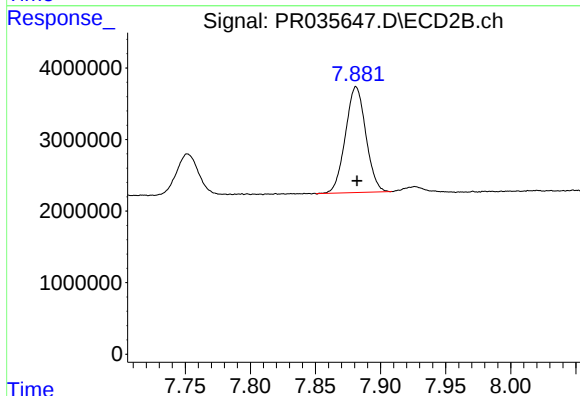
R.T.: 7.592 min
Delta R.T.: -0.001 min
Response: 4431667
Conc: 3.20 ng/ml



#44 AR-1268-4

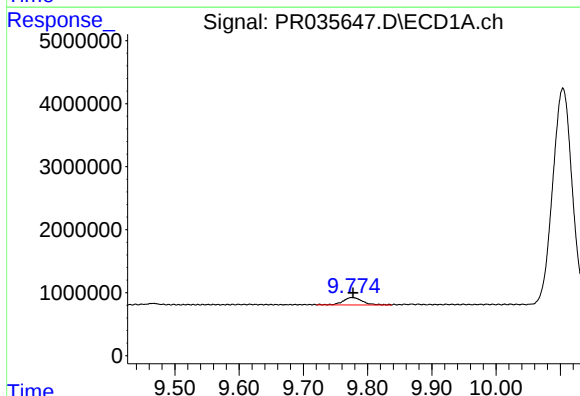
R.T.: 9.375 min
Delta R.T.: -0.001 min
Response: 4695439
Conc: 29.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



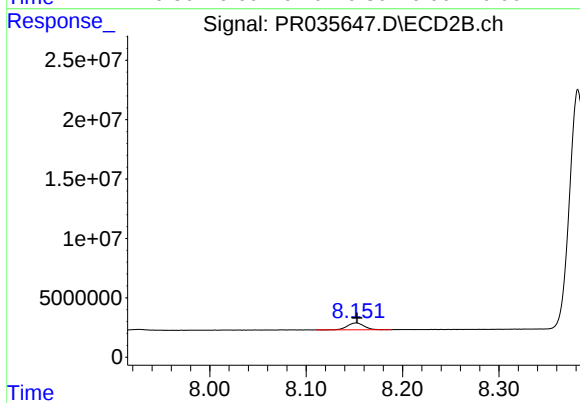
#44 AR-1268-4

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 16136108
Conc: 29.35 ng/ml



#45 AR-1268-5

R.T.: 9.776 min
Delta R.T.: -0.002 min
Response: 2493649
Conc: 2.17 ng/ml



#45 AR-1268-5

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 6896193
Conc: 1.67 ng/ml