

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112421\
 Data File : PR052666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2021 10:56
 Operator : AJ\MA
 Sample : M4784-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 05:56:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110921CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 10 04:57:17 2021
 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...	4.684	3.865	2076865	190896	0.577	0.065 #
2)	SA Decachlor...	10.621	8.862	1655327	1851779	0.495	0.570
Target Compounds							
3)	L1 AR-1016-1	5.878	4.941	42634075	32279800	358.782	340.154
4)	L1 AR-1016-2	5.901	4.960	61390955	49343848	368.600	347.265
5)	L1 AR-1016-3	5.965	5.135	36053812	25231392	348.649	331.032
6)	L1 AR-1016-4	6.067	5.175	29697325	19114539	352.882	312.168
7)	L1 AR-1016-5	6.359	5.387	29650156	25280653	340.408	315.593
8)	L2 AR-1221-1	4.905	4.078	3764225	2700605	87.405	74.979
9)	L2 AR-1221-2	4.998	4.165	4151164	3169633	133.915	120.405
10)	L2 AR-1221-3	5.078	4.240	20289043	16337316	204.881	191.950
11)	L3 AR-1232-1	5.078	4.240	20289043	16337316	264.247	246.970
12)	L3 AR-1232-2	5.612	4.960	29522974	49343848	755.223	790.428
13)	L3 AR-1232-3	5.901	5.135	61390955	25231392	847.465	765.564
14)	L3 AR-1232-4	6.067	5.216	29697325	23977933	823.484	809.706
15)	L3 AR-1232-5	6.149	5.387	25153639	25280653	847.900	767.620
16)	L4 AR-1242-1	5.878	4.941	42634075	32279800	436.003	418.104
17)	L4 AR-1242-2	5.901	4.960	61390955	49343848	449.704	430.221
18)	L4 AR-1242-3	5.965	5.135	36053812	25231392	420.491	408.614
19)	L4 AR-1242-4	6.067	5.216	29697325	23977933	427.053	393.222
20)	L4 AR-1242-5	6.803	5.734	4194183	19539672	55.019	260.201 #
21)	L5 AR-1248-1	5.878	4.941	42634075	32279800	587.641	549.818
22)	L5 AR-1248-2	6.149	5.175	25153639	19114539	237.235	228.487
23)	L5 AR-1248-3	6.359	5.216	29650156	23977933	254.331	270.935
24)	L5 AR-1248-4	6.762	5.387	3997282	25280653	30.654	239.702 #
25)	L5 AR-1248-5	6.803	5.775	4194183	2762054	33.509	26.823
26)	L6 AR-1254-1	6.737	5.734	23058327	19539672	174.088	126.304 #
27)	L6 AR-1254-2	6.950	5.879	24539026	18932497	119.883	140.923
28)	L6 AR-1254-3	7.326	6.294	13394891	42258372	63.063	186.910 #
29)	L6 AR-1254-4	7.610	6.504	9055103	3718068	56.096	26.813 #
30)	L6 AR-1254-5	8.030	6.919	88098398	80396285	502.495	384.102
31)	L7 AR-1260-1	7.484	6.409	58908746	51608572	400.070	370.860
32)	L7 AR-1260-2	7.738	6.594	70597447	64710449	397.161	386.740
33)	L7 AR-1260-3	8.099	6.746	45660325	63129665	328.338	380.243
34)	L7 AR-1260-4	8.342	7.215	56918406	48680016	349.282	324.765
35)	L7 AR-1260-5	8.680	7.453	113.6E6	125.2E6	356.016	342.320
36)	L8 AR-1262-1	8.099	6.919	45660325	80396285	175.844	579.732 #
37)	L8 AR-1262-2	8.680	7.453	113.6E6	125.2E6	237.793	243.458
38)	L8 AR-1262-3	9.009	7.736	20650420	23290121	97.119	112.808
39)	L8 AR-1262-4	9.092	7.798	40340260	91870811	323.150	235.009 #
40)	L8 AR-1262-5	9.818	8.298	29152523	28688884	158.244	154.270
41)	L9 AR-1268-1	9.009	7.736	20650420	23290121	46.822	50.697

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Instrument :
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Quant Time: Nov 25 05:56:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110921CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 10 04:57:17 2021
Response via : Initial Calibration
Integrator: ChemStation

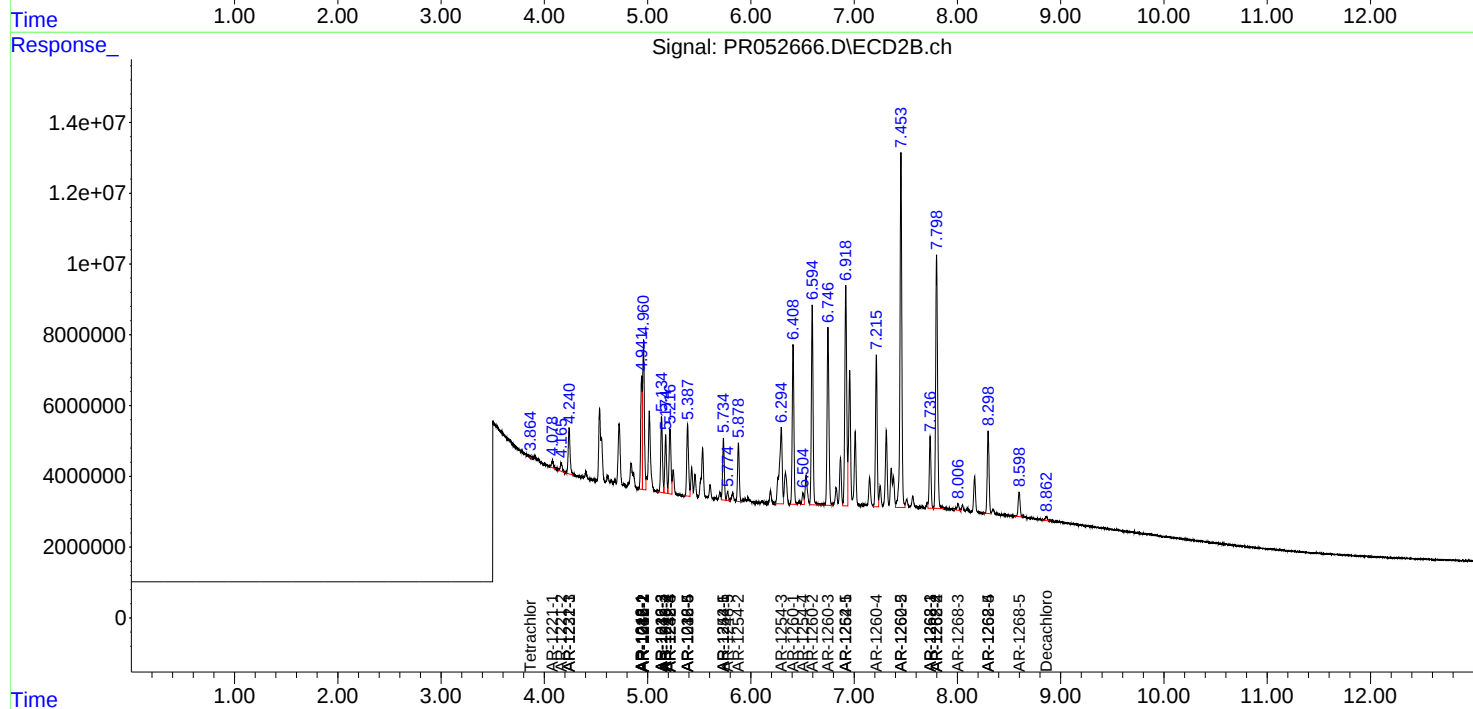
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

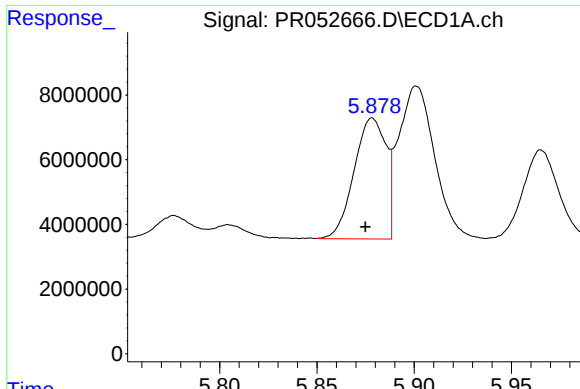
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	9.092	7.798	40340260	91870811	99.986	213.840 #
43)	L9 AR-1268-3	9.352	8.006	1789403	2604879	5.181	7.085 #
44)	L9 AR-1268-4	9.818	8.298	29152523	28688884	184.008	180.632
45)	L9 AR-1268-5	10.262	8.598	9771872	8977356	8.602	7.680

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

Instrument :
ECD_R
ClientSampleId :

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

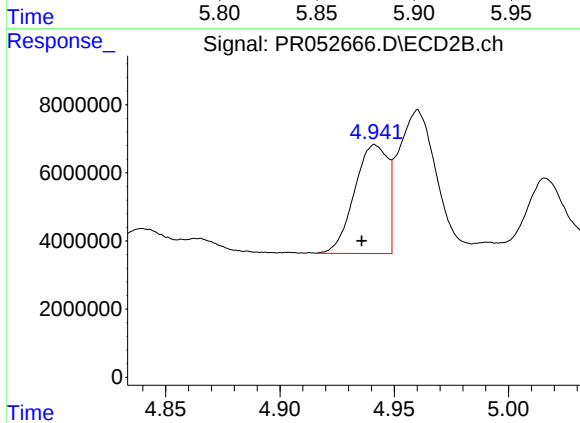




#3 AR-1016-1

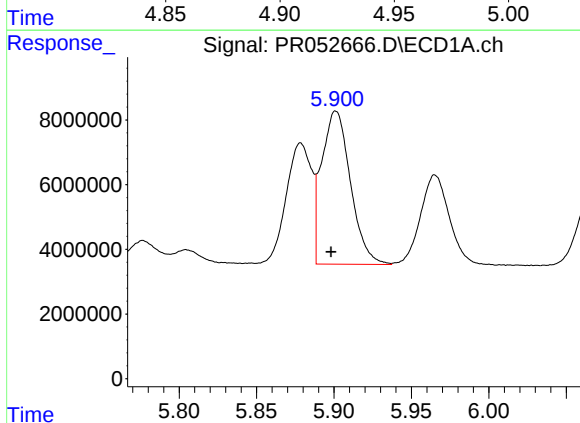
R.T.: 5.878 min
Delta R.T.: 0.004 min
Response: 42634075
Conc: 358.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



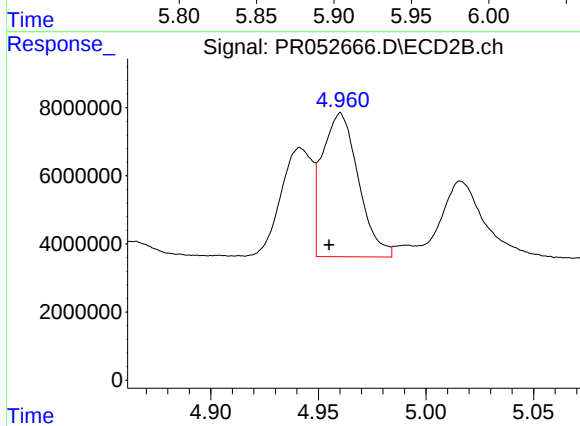
#3 AR-1016-1

R.T.: 4.941 min
Delta R.T.: 0.006 min
Response: 32279800
Conc: 340.15 ng/ml



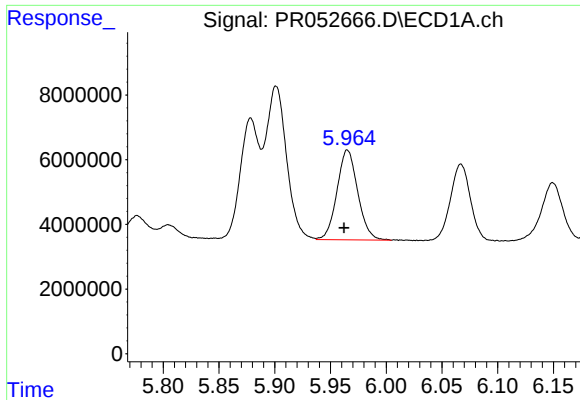
#4 AR-1016-2

R.T.: 5.901 min
Delta R.T.: 0.003 min
Response: 61390955
Conc: 368.60 ng/ml



#4 AR-1016-2

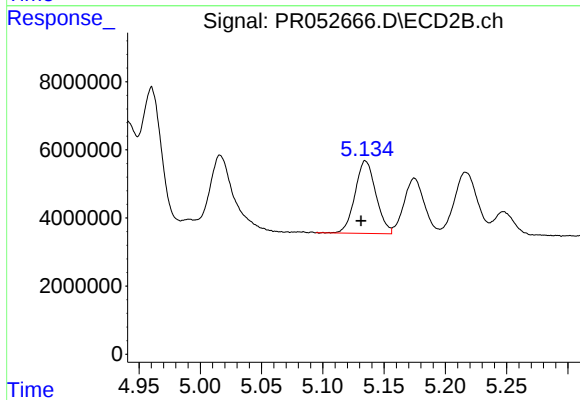
R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 49343848
Conc: 347.26 ng/ml



#5 AR-1016-3

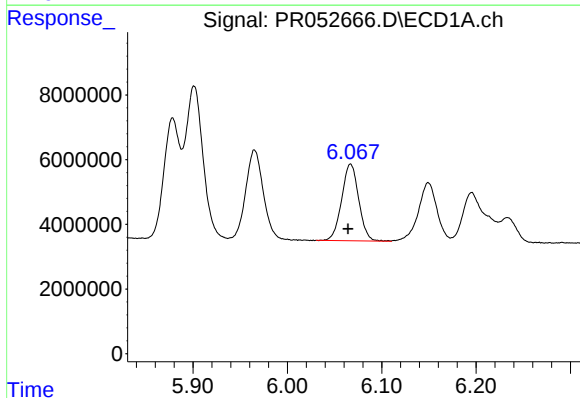
R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 36053812
Conc: 348.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



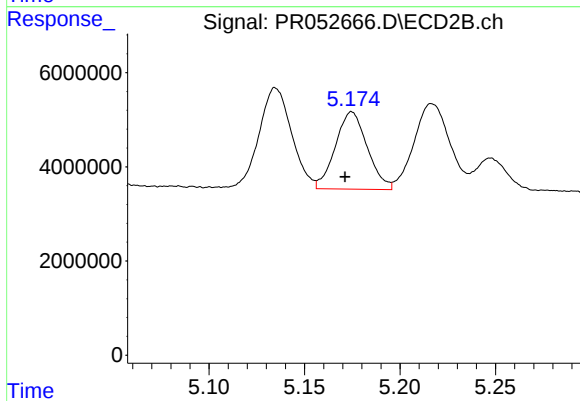
#5 AR-1016-3

R.T.: 5.135 min
Delta R.T.: 0.003 min
Response: 25231392
Conc: 331.03 ng/ml



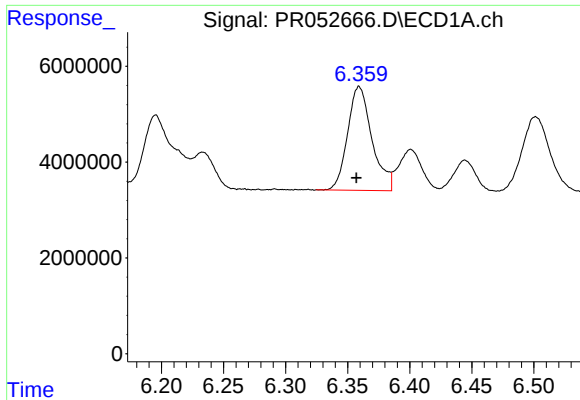
#6 AR-1016-4

R.T.: 6.067 min
Delta R.T.: 0.003 min
Response: 29697325
Conc: 352.88 ng/ml



#6 AR-1016-4

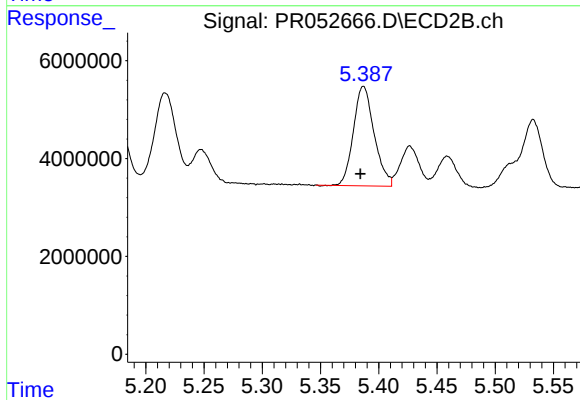
R.T.: 5.175 min
Delta R.T.: 0.003 min
Response: 19114539
Conc: 312.17 ng/ml



#7 AR-1016-5

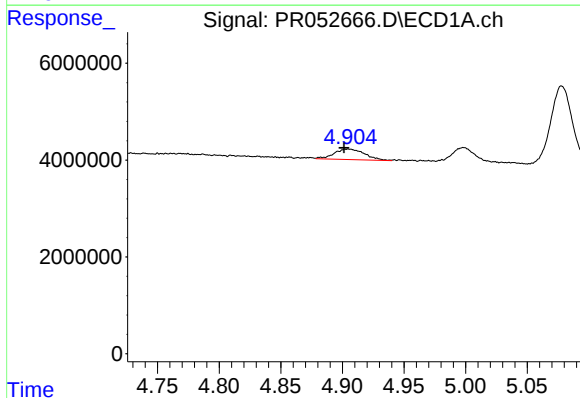
R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 29650156
Conc: 340.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



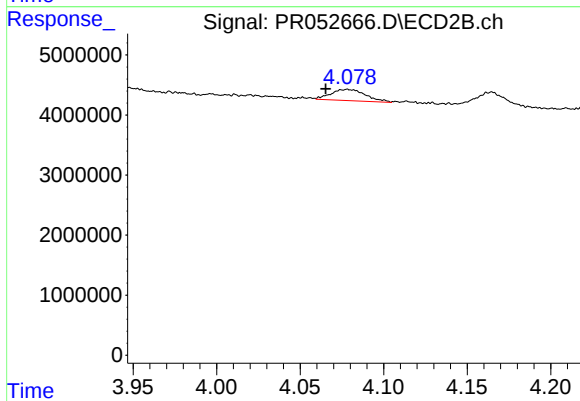
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 25280653
Conc: 315.59 ng/ml



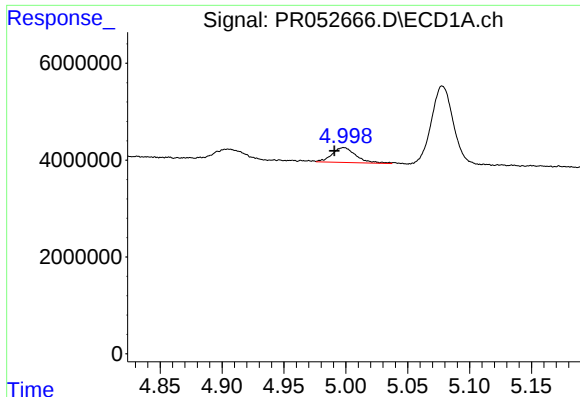
#8 AR-1221-1

R.T.: 4.905 min
Delta R.T.: 0.004 min
Response: 3764225
Conc: 87.41 ng/ml



#8 AR-1221-1

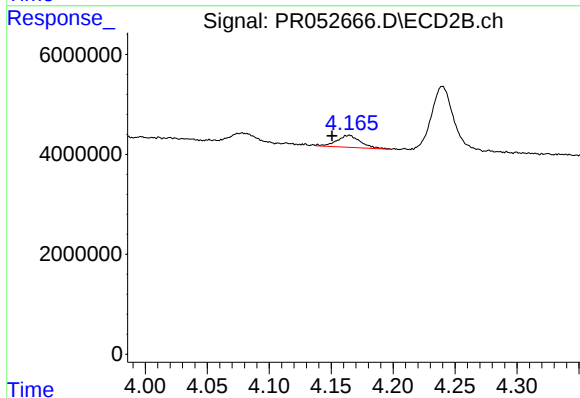
R.T.: 4.078 min
Delta R.T.: 0.013 min
Response: 2700605
Conc: 74.98 ng/ml



#9 AR-1221-2

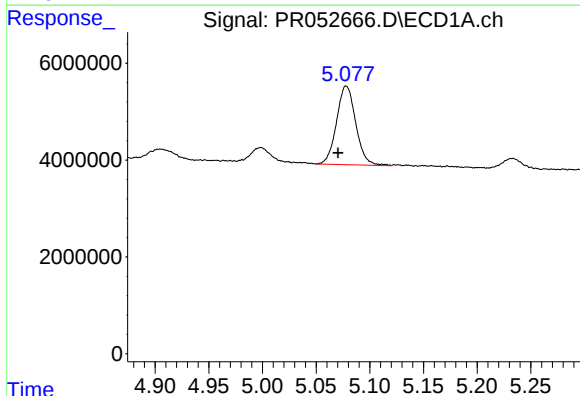
R.T.: 4.998 min
Delta R.T.: 0.008 min
Response: 4151164
Conc: 133.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



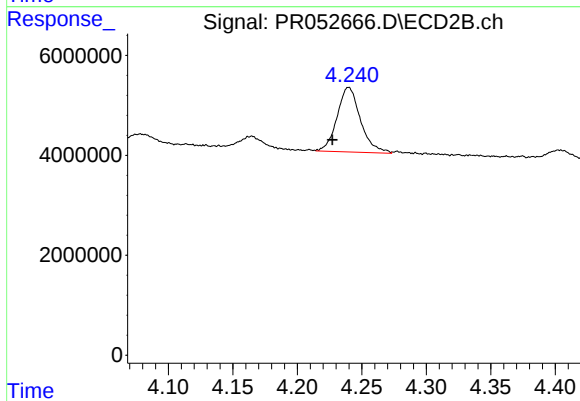
#9 AR-1221-2

R.T.: 4.165 min
Delta R.T.: 0.014 min
Response: 3169633
Conc: 120.40 ng/ml



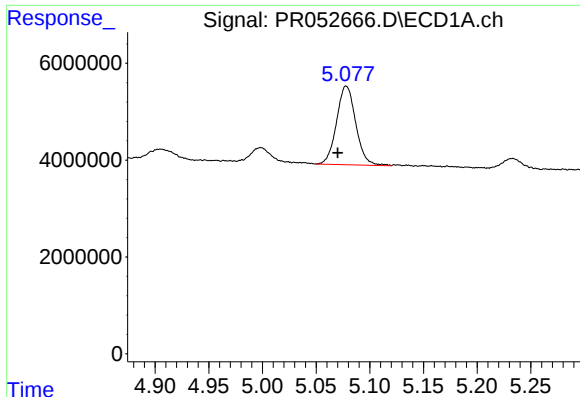
#10 AR-1221-3

R.T.: 5.078 min
Delta R.T.: 0.007 min
Response: 20289043
Conc: 204.88 ng/ml



#10 AR-1221-3

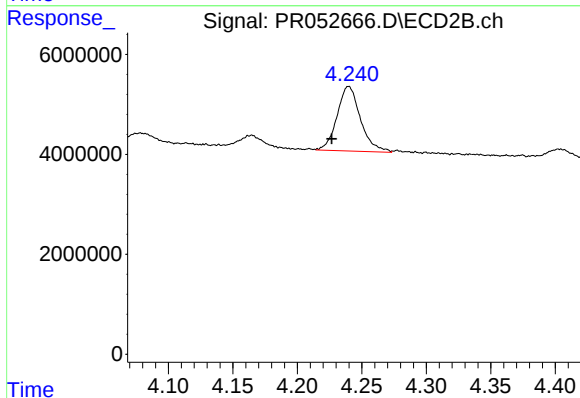
R.T.: 4.240 min
Delta R.T.: 0.013 min
Response: 16337316
Conc: 191.95 ng/ml



#11 AR-1232-1

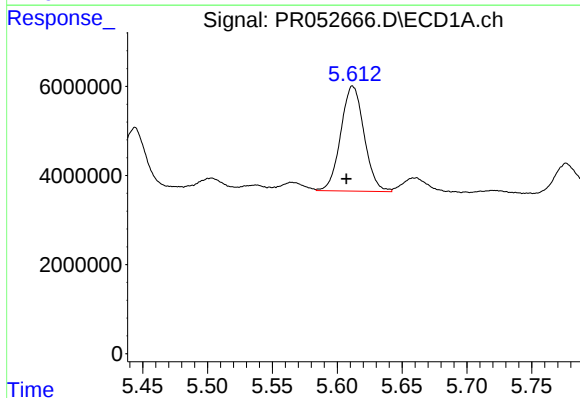
R.T.: 5.078 min
Delta R.T.: 0.008 min
Response: 20289043
Conc: 264.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



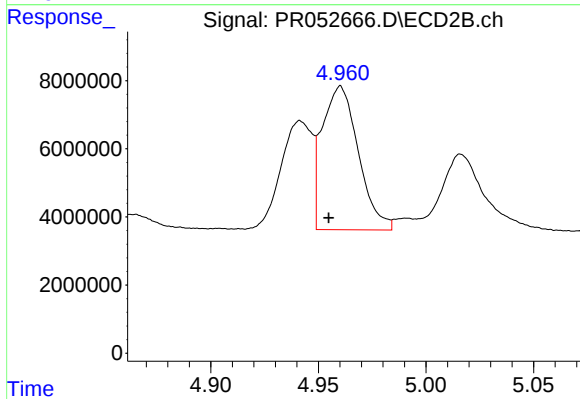
#11 AR-1232-1

R.T.: 4.240 min
Delta R.T.: 0.013 min
Response: 16337316
Conc: 246.97 ng/ml



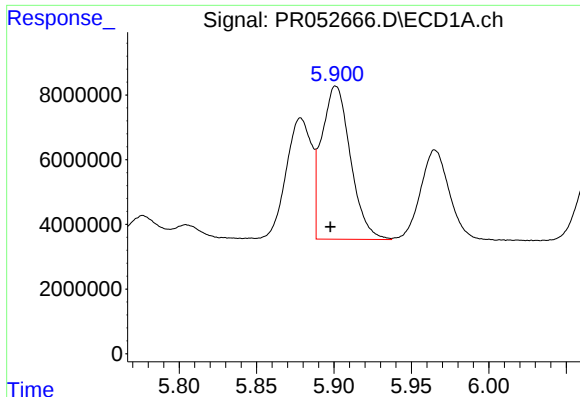
#12 AR-1232-2

R.T.: 5.612 min
Delta R.T.: 0.005 min
Response: 29522974
Conc: 755.22 ng/ml



#12 AR-1232-2

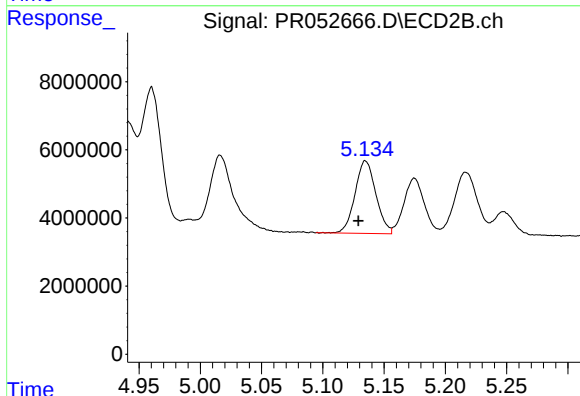
R.T.: 4.960 min
Delta R.T.: 0.006 min
Response: 49343848
Conc: 790.43 ng/ml



#13 AR-1232-3

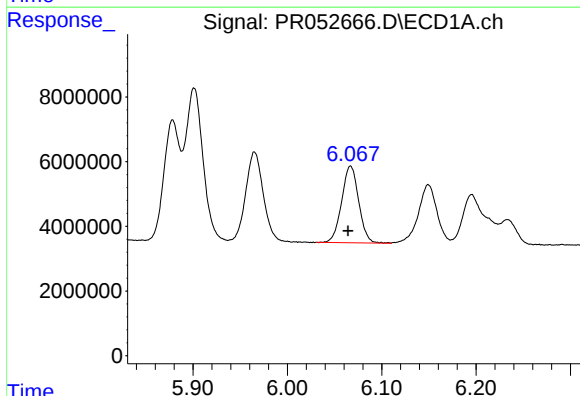
R.T.: 5.901 min
Delta R.T.: 0.003 min
Response: 61390955
Conc: 847.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



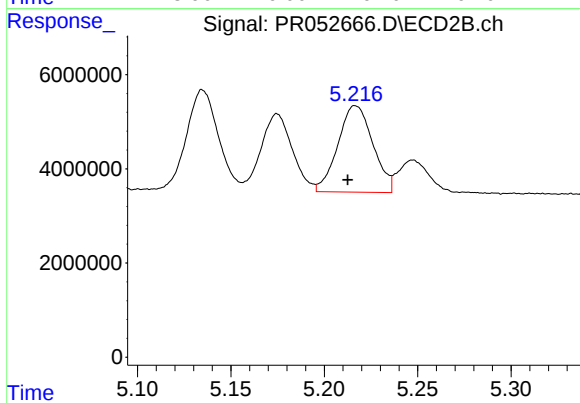
#13 AR-1232-3

R.T.: 5.135 min
Delta R.T.: 0.005 min
Response: 25231392
Conc: 765.56 ng/ml



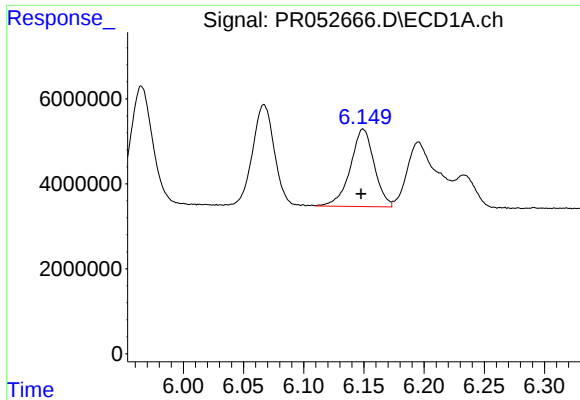
#14 AR-1232-4

R.T.: 6.067 min
Delta R.T.: 0.003 min
Response: 29697325
Conc: 823.48 ng/ml



#14 AR-1232-4

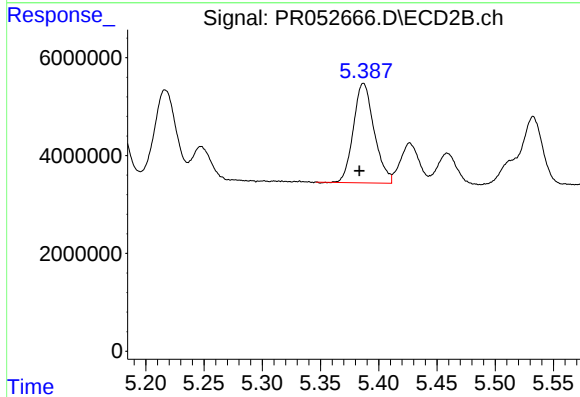
R.T.: 5.216 min
Delta R.T.: 0.004 min
Response: 23977933
Conc: 809.71 ng/ml



#15 AR-1232-5

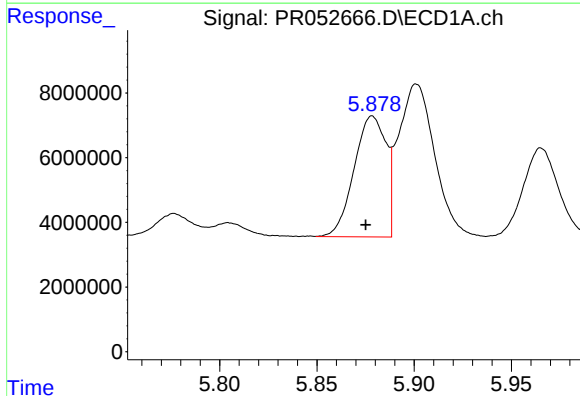
R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 25153639
Conc: 847.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



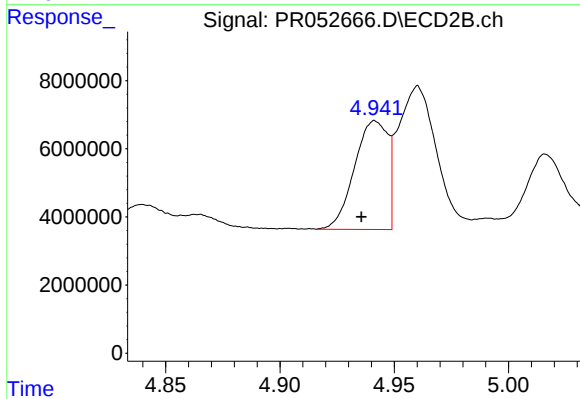
#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 25280653
Conc: 767.62 ng/ml



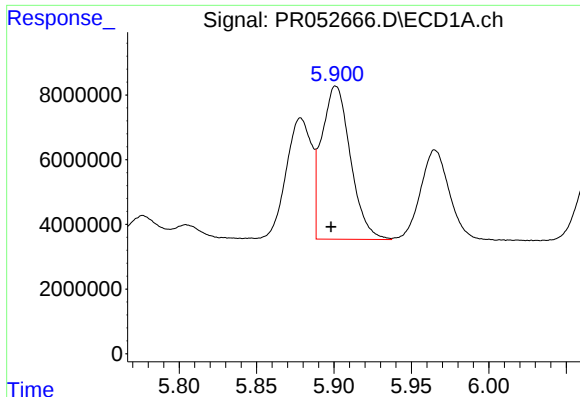
#16 AR-1242-1

R.T.: 5.878 min
Delta R.T.: 0.003 min
Response: 42634075
Conc: 436.00 ng/ml



#16 AR-1242-1

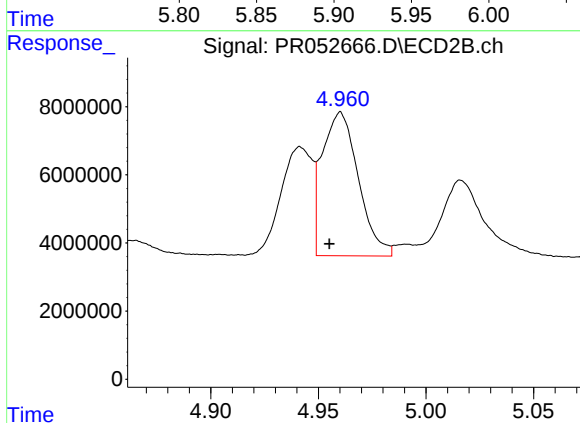
R.T.: 4.941 min
Delta R.T.: 0.006 min
Response: 32279800
Conc: 418.10 ng/ml



#17 AR-1242-2

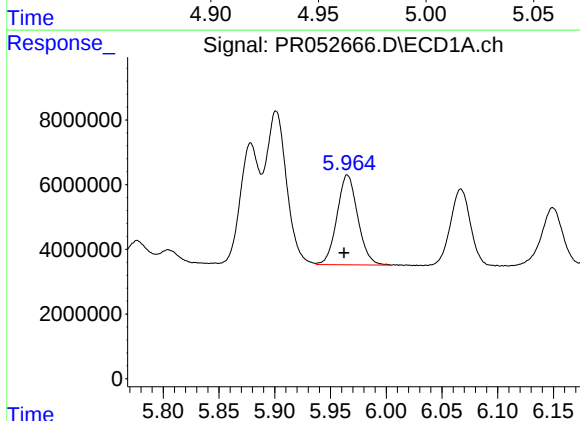
R.T.: 5.901 min
Delta R.T.: 0.003 min
Response: 61390955
Conc: 449.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



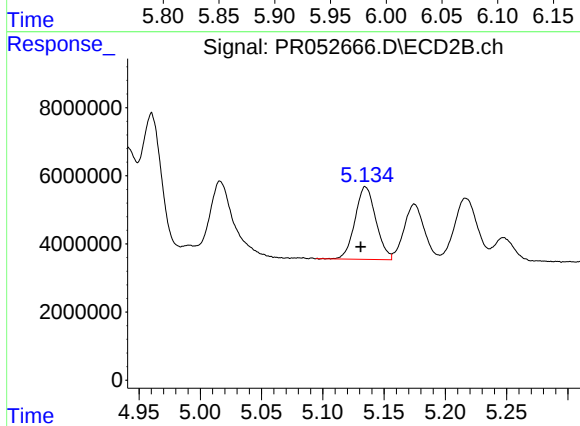
#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 49343848
Conc: 430.22 ng/ml



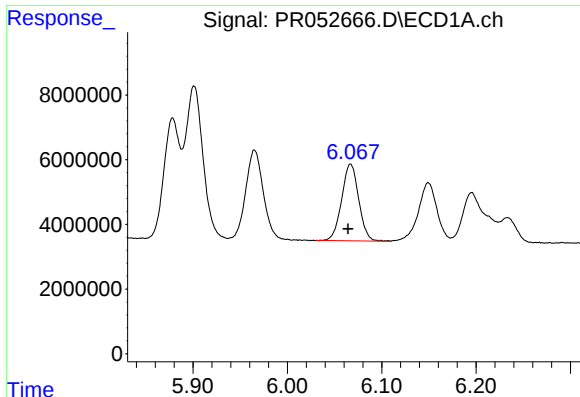
#18 AR-1242-3

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 36053812
Conc: 420.49 ng/ml



#18 AR-1242-3

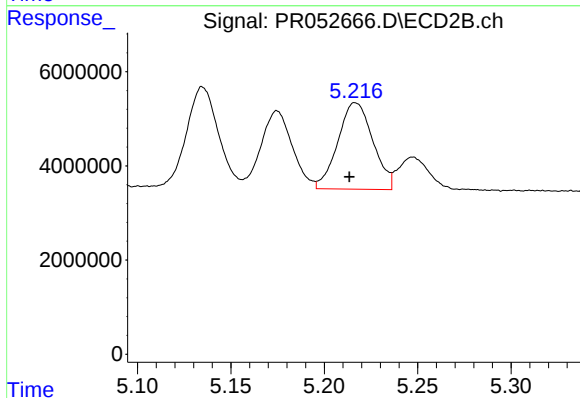
R.T.: 5.135 min
Delta R.T.: 0.004 min
Response: 25231392
Conc: 408.61 ng/ml



#19 AR-1242-4

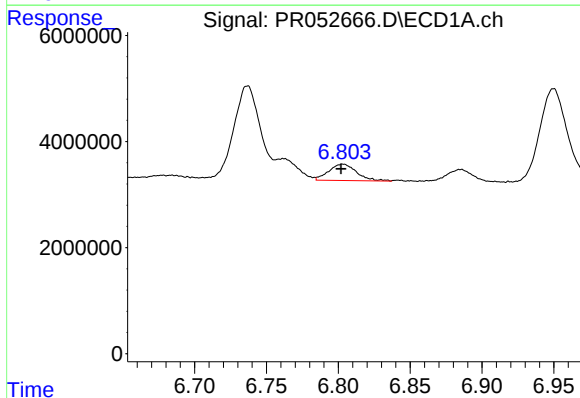
R.T.: 6.067 min
Delta R.T.: 0.003 min
Response: 29697325
Conc: 427.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



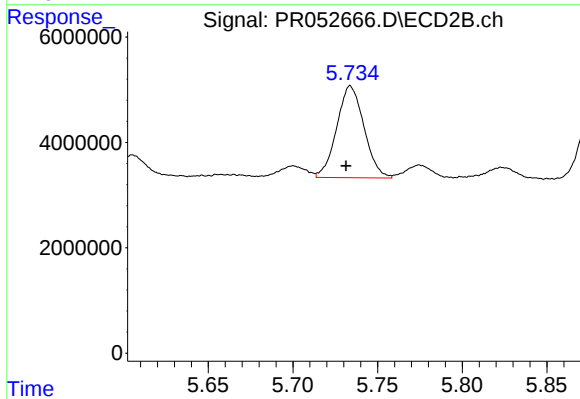
#19 AR-1242-4

R.T.: 5.216 min
Delta R.T.: 0.003 min
Response: 23977933
Conc: 393.22 ng/ml



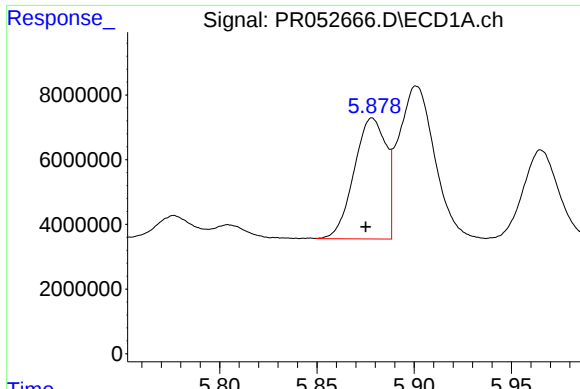
#20 AR-1242-5

R.T.: 6.803 min
Delta R.T.: 0.001 min
Response: 4194183
Conc: 55.02 ng/ml



#20 AR-1242-5

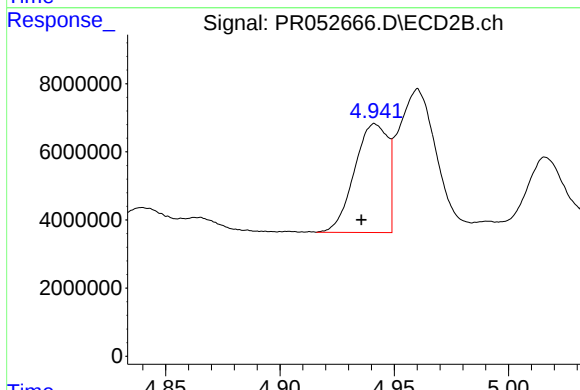
R.T.: 5.734 min
Delta R.T.: 0.003 min
Response: 19539672
Conc: 260.20 ng/ml



#21 AR-1248-1

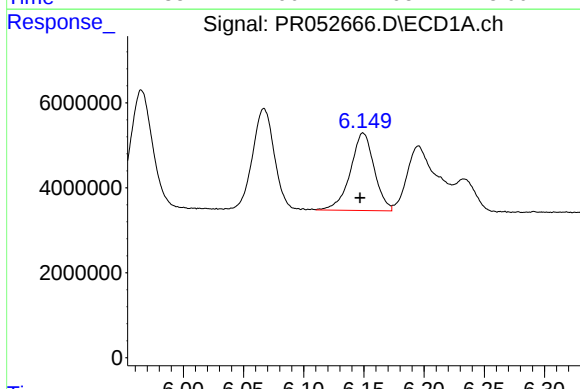
R.T.: 5.878 min
Delta R.T.: 0.003 min
Response: 42634075
Conc: 587.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



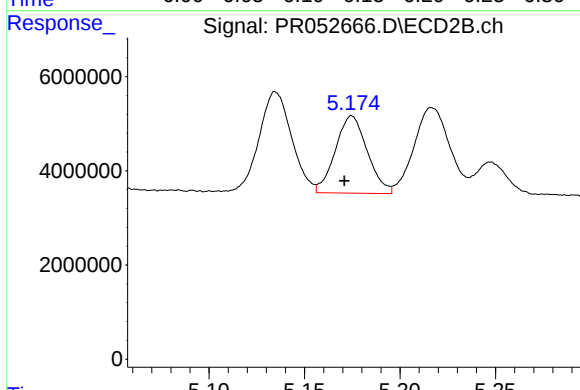
#21 AR-1248-1

R.T.: 4.941 min
Delta R.T.: 0.006 min
Response: 32279800
Conc: 549.82 ng/ml



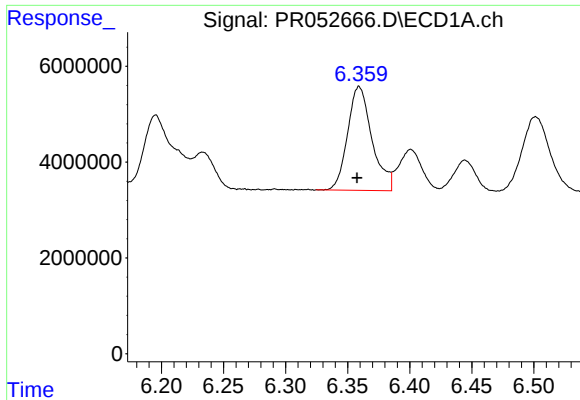
#22 AR-1248-2

R.T.: 6.149 min
Delta R.T.: 0.003 min
Response: 25153639
Conc: 237.23 ng/ml



#22 AR-1248-2

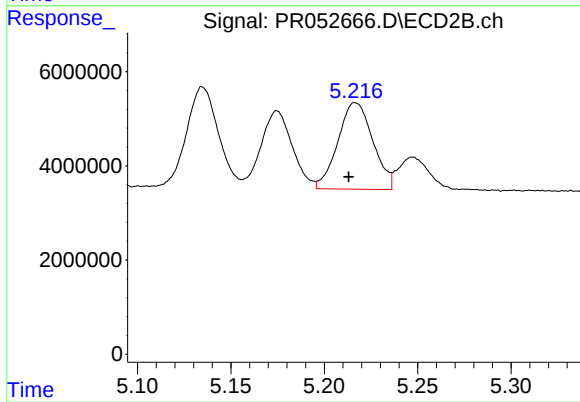
R.T.: 5.175 min
Delta R.T.: 0.004 min
Response: 19114539
Conc: 228.49 ng/ml



#23 AR-1248-3

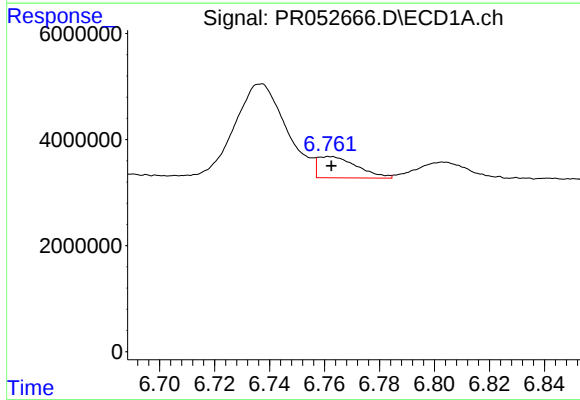
R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 29650156
Conc: 254.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



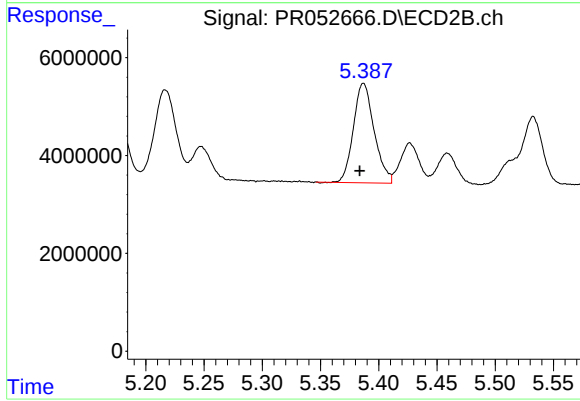
#23 AR-1248-3

R.T.: 5.216 min
Delta R.T.: 0.003 min
Response: 23977933
Conc: 270.94 ng/ml



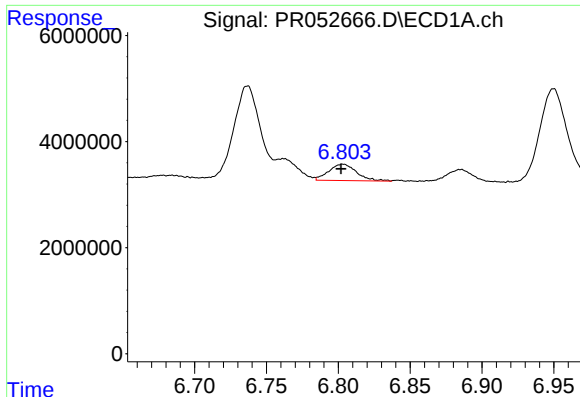
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 3997282
Conc: 30.65 ng/ml



#24 AR-1248-4

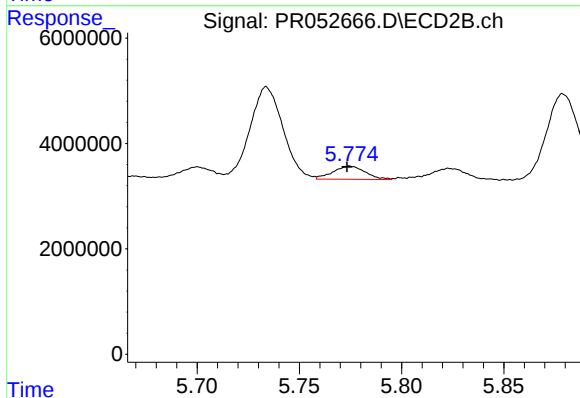
R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 25280653
Conc: 239.70 ng/ml



#25 AR-1248-5

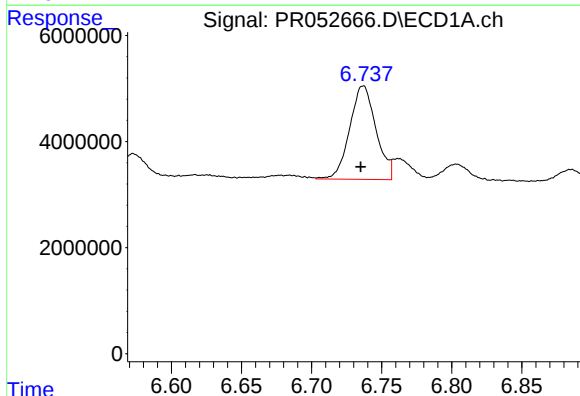
R.T.: 6.803 min
Delta R.T.: 0.001 min
Response: 4194183
Conc: 33.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



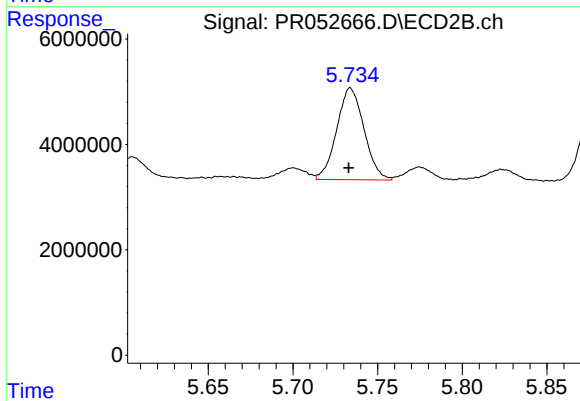
#25 AR-1248-5

R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 2762054
Conc: 26.82 ng/ml



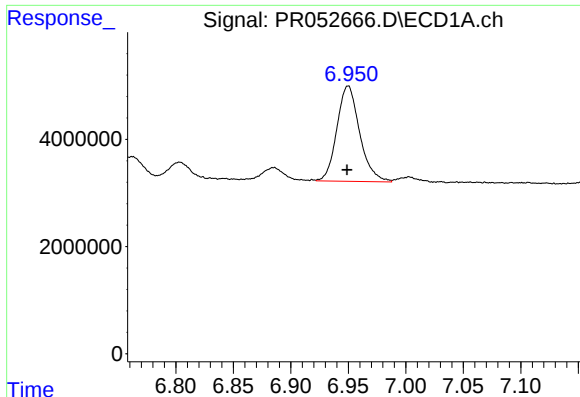
#26 AR-1254-1

R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 23058327
Conc: 174.09 ng/ml



#26 AR-1254-1

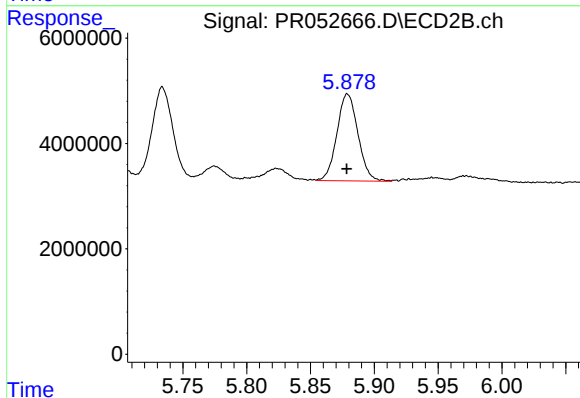
R.T.: 5.734 min
Delta R.T.: 0.001 min
Response: 19539672
Conc: 126.30 ng/ml



#27 AR-1254-2

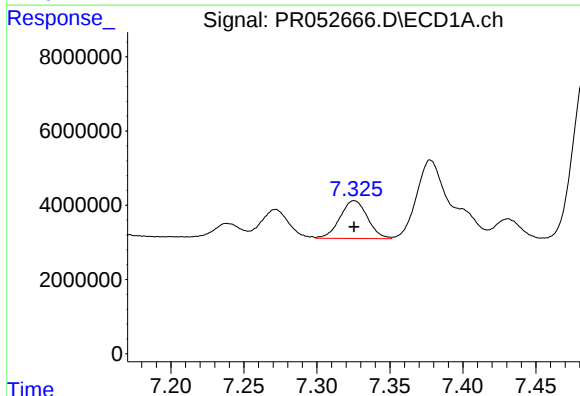
R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 24539026
Conc: 119.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



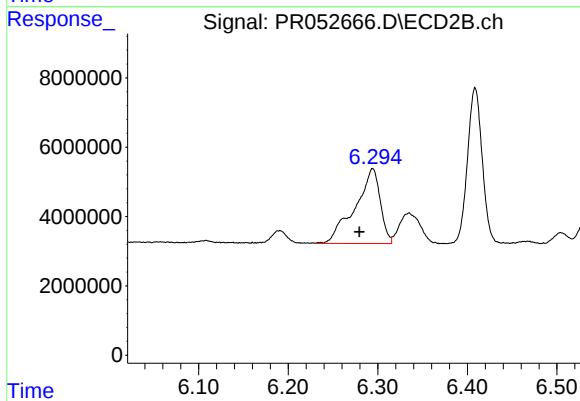
#27 AR-1254-2

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 18932497
Conc: 140.92 ng/ml



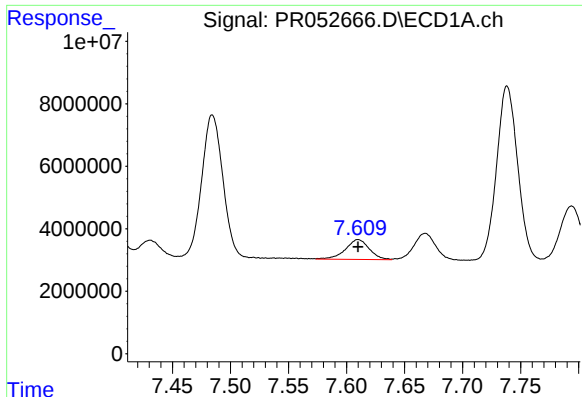
#28 AR-1254-3

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 13394891
Conc: 63.06 ng/ml



#28 AR-1254-3

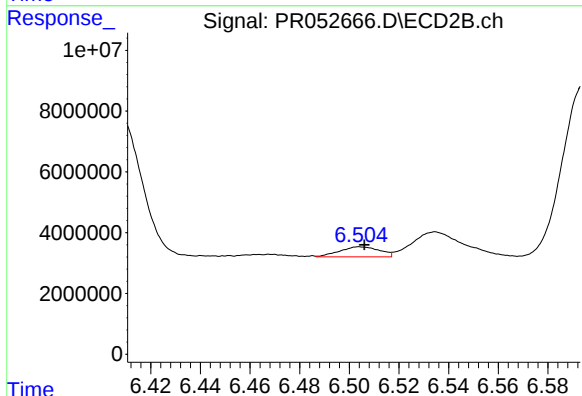
R.T.: 6.294 min
Delta R.T.: 0.015 min
Response: 42258372
Conc: 186.91 ng/ml



#29 AR-1254-4

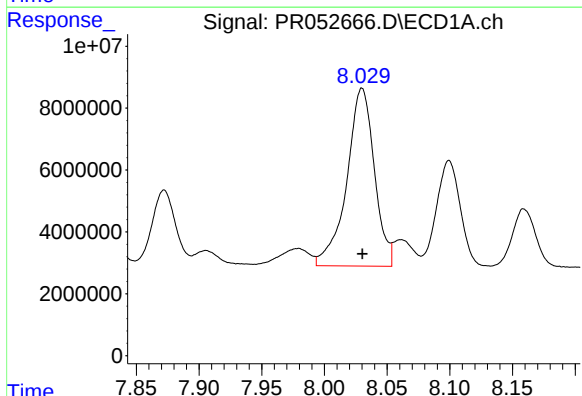
R.T.: 7.610 min
Delta R.T.: 0.000 min
Response: 9055103
Conc: 56.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



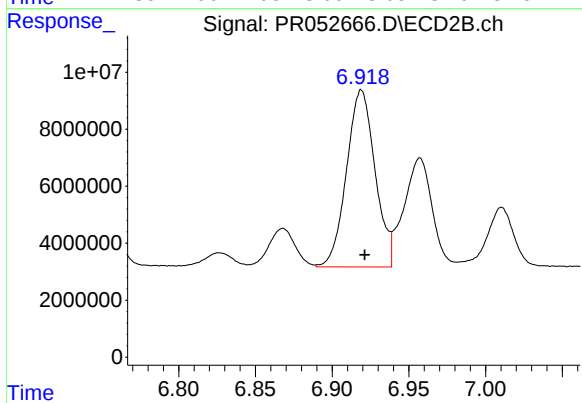
#29 AR-1254-4

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 3718068
Conc: 26.81 ng/ml



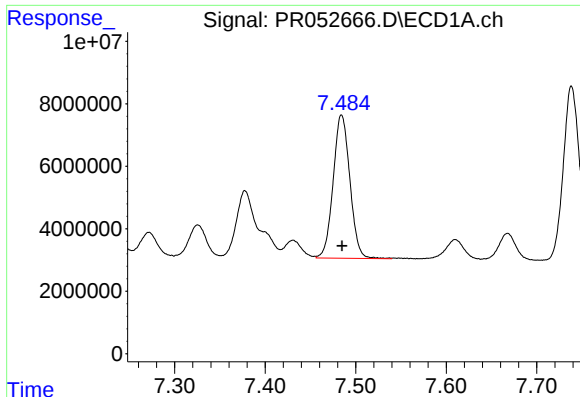
#30 AR-1254-5

R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 88098398
Conc: 502.50 ng/ml



#30 AR-1254-5

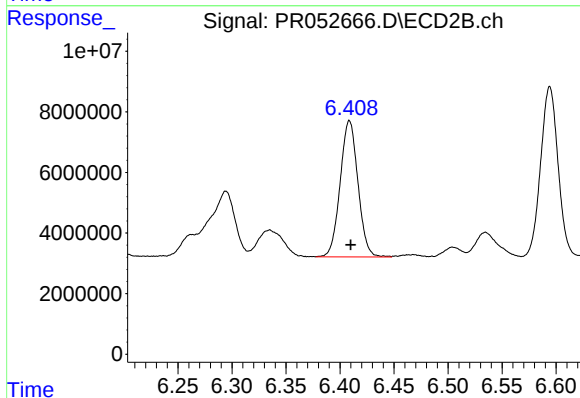
R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 80396285
Conc: 384.10 ng/ml



#31 AR-1260-1

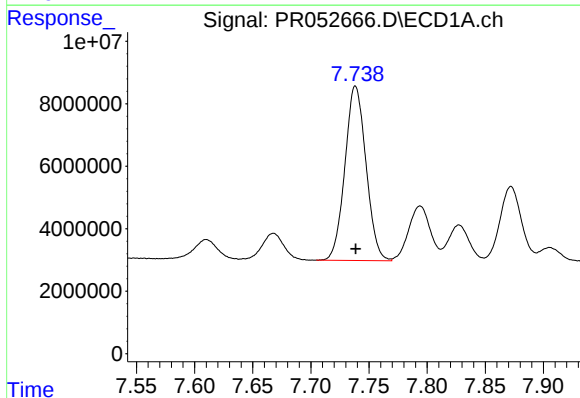
R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 58908746
Conc: 400.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



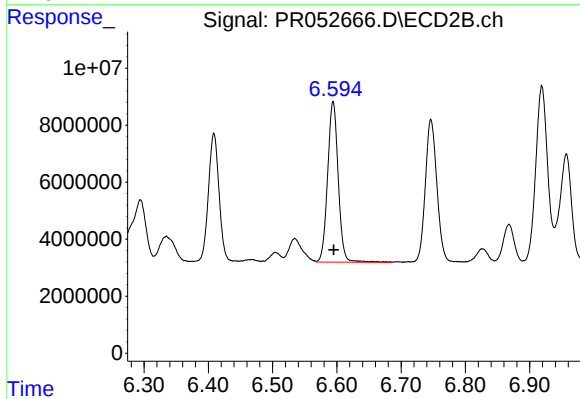
#31 AR-1260-1

R.T.: 6.409 min
Delta R.T.: -0.001 min
Response: 51608572
Conc: 370.86 ng/ml



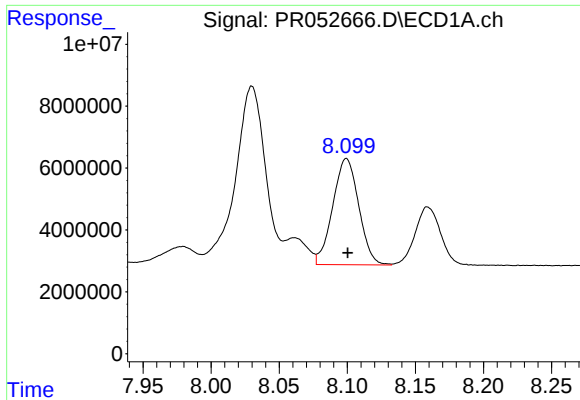
#32 AR-1260-2

R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 70597447
Conc: 397.16 ng/ml



#32 AR-1260-2

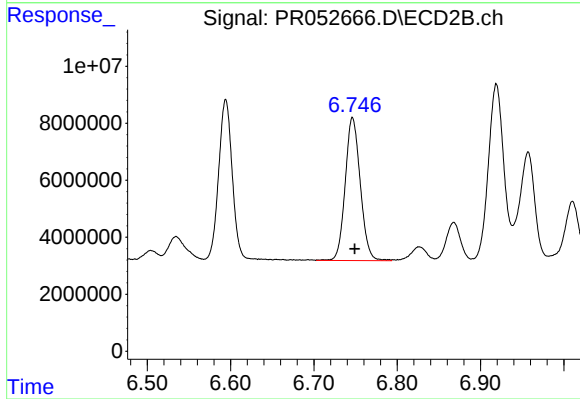
R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 64710449
Conc: 386.74 ng/ml



#33 AR-1260-3

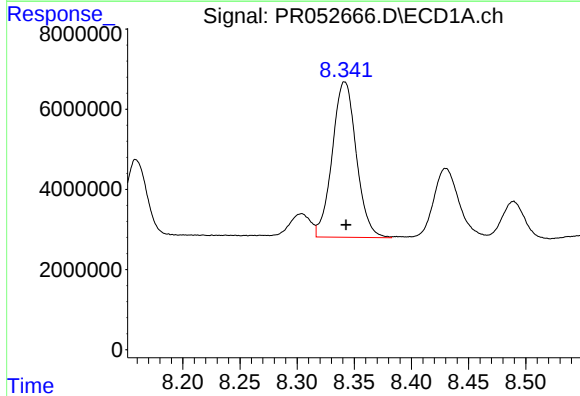
R.T.: 8.099 min
Delta R.T.: -0.001 min
Response: 45660325
Conc: 328.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



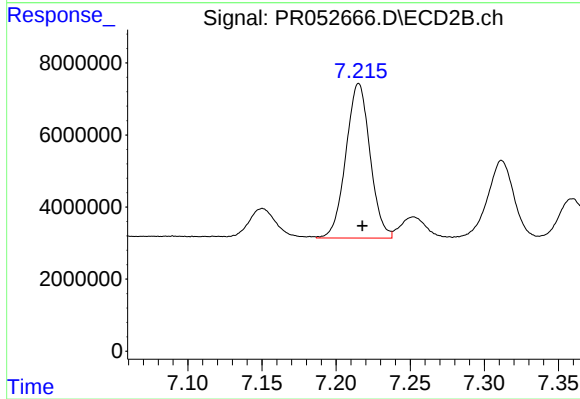
#33 AR-1260-3

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 63129665
Conc: 380.24 ng/ml



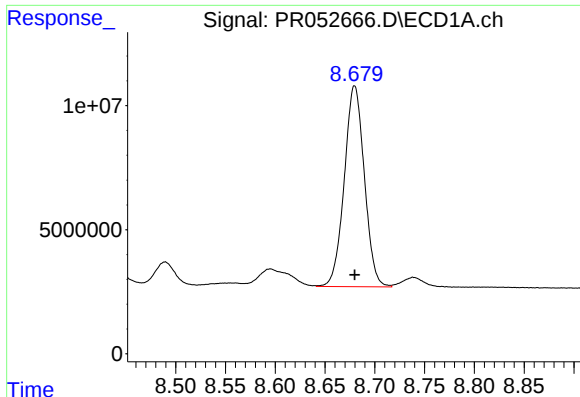
#34 AR-1260-4

R.T.: 8.342 min
Delta R.T.: -0.001 min
Response: 56918406
Conc: 349.28 ng/ml



#34 AR-1260-4

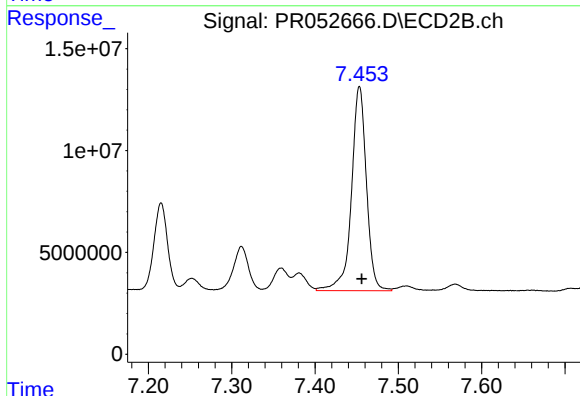
R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 48680016
Conc: 324.77 ng/ml



#35 AR-1260-5

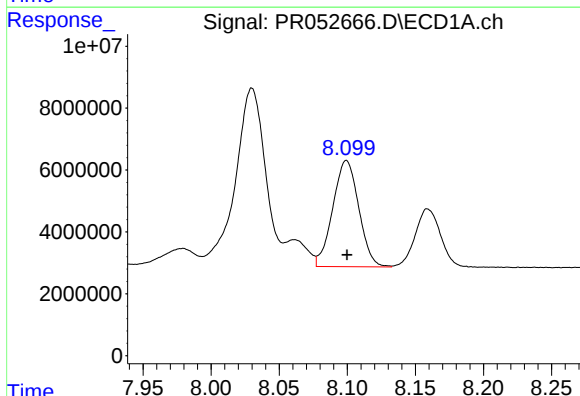
R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 113642237
Conc: 356.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



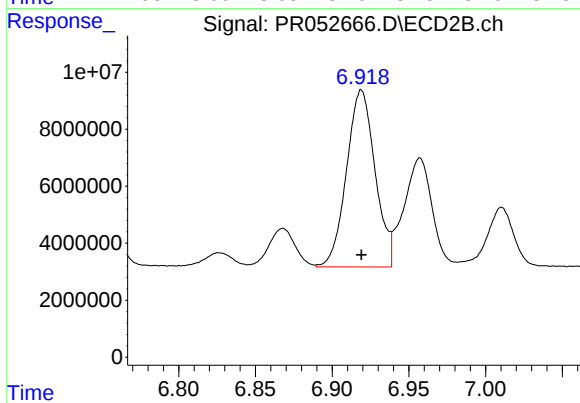
#35 AR-1260-5

R.T.: 7.453 min
Delta R.T.: -0.003 min
Response: 125198608
Conc: 342.32 ng/ml



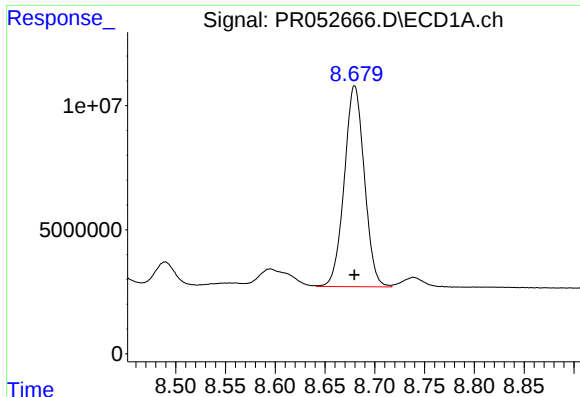
#36 AR-1262-1

R.T.: 8.099 min
Delta R.T.: 0.000 min
Response: 45660325
Conc: 175.84 ng/ml



#36 AR-1262-1

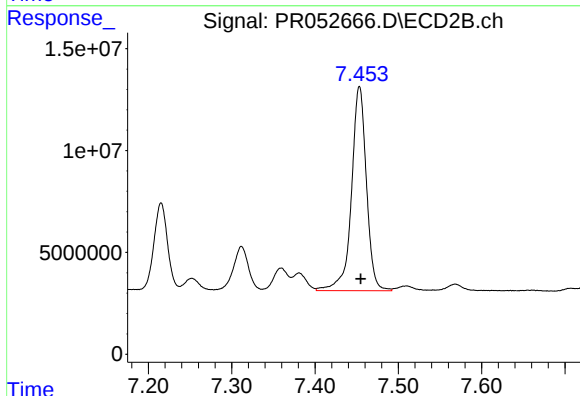
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 80396285
Conc: 579.73 ng/ml



#37 AR-1262-2

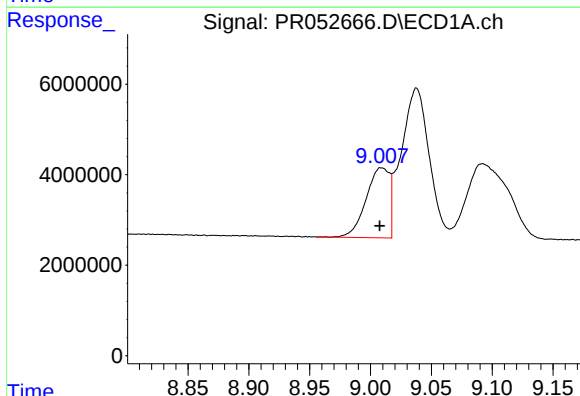
R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 113642237
Conc: 237.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



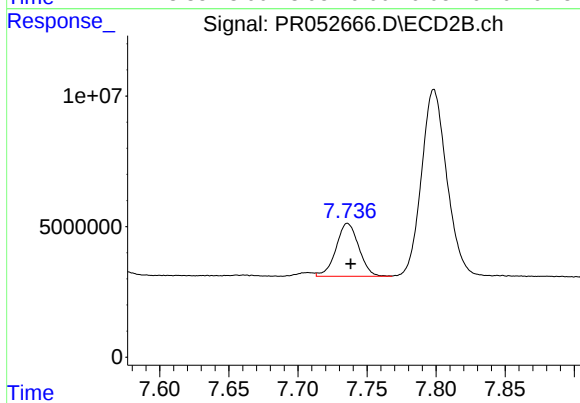
#37 AR-1262-2

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 125198608
Conc: 243.46 ng/ml



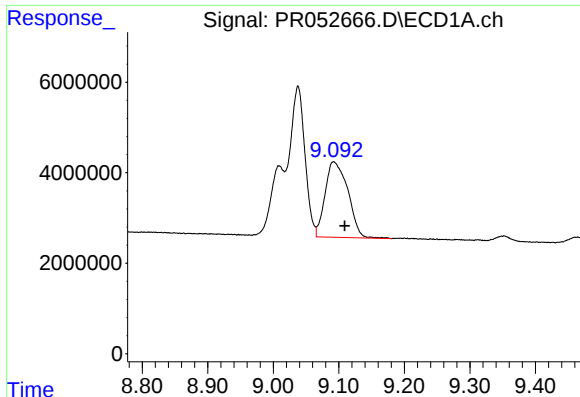
#38 AR-1262-3

R.T.: 9.009 min
Delta R.T.: 0.001 min
Response: 20650420
Conc: 97.12 ng/ml



#38 AR-1262-3

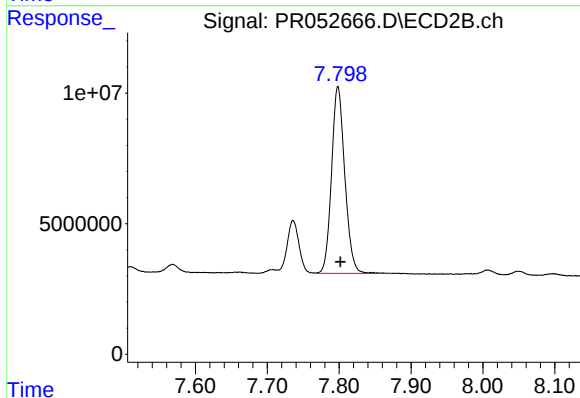
R.T.: 7.736 min
Delta R.T.: -0.002 min
Response: 23290121
Conc: 112.81 ng/ml



#39 AR-1262-4

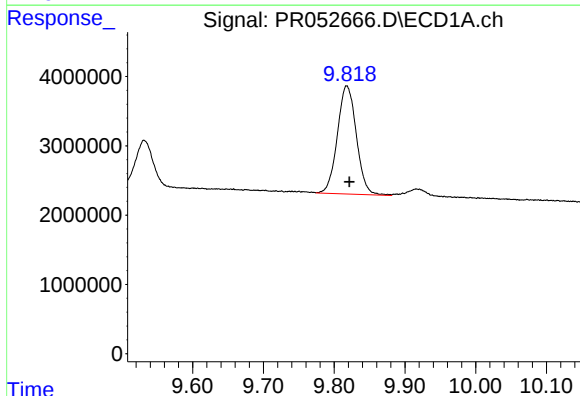
R.T.: 9.092 min
Delta R.T.: -0.017 min
Response: 40340260
Conc: 323.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



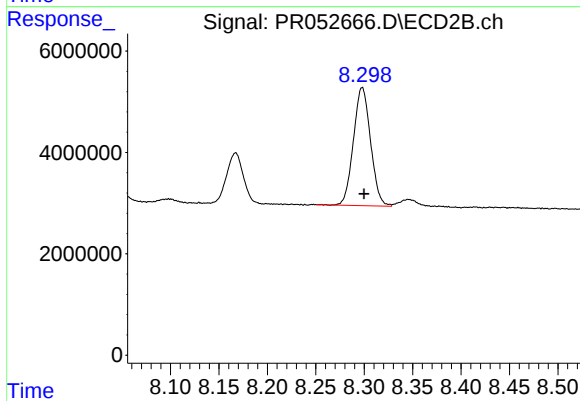
#39 AR-1262-4

R.T.: 7.798 min
Delta R.T.: -0.003 min
Response: 91870811
Conc: 235.01 ng/ml



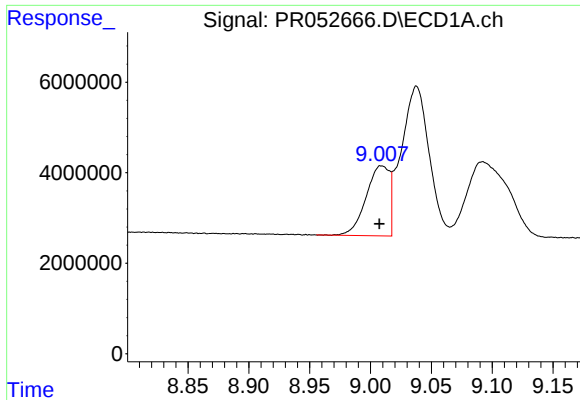
#40 AR-1262-5

R.T.: 9.818 min
Delta R.T.: -0.004 min
Response: 29152523
Conc: 158.24 ng/ml



#40 AR-1262-5

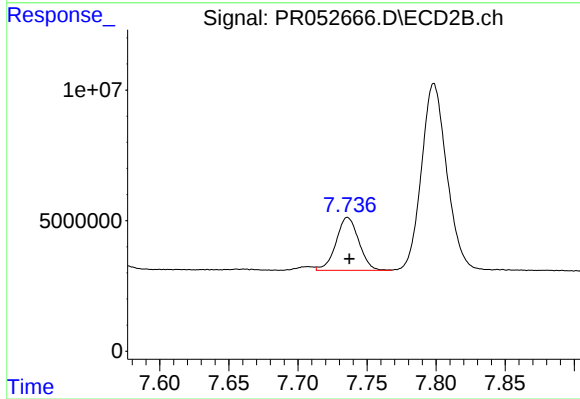
R.T.: 8.298 min
Delta R.T.: -0.002 min
Response: 28688884
Conc: 154.27 ng/ml



#41 AR-1268-1

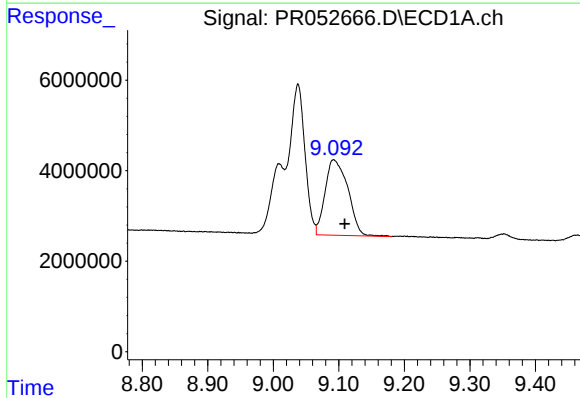
R.T.: 9.009 min
Delta R.T.: 0.002 min
Response: 20650420
Conc: 46.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



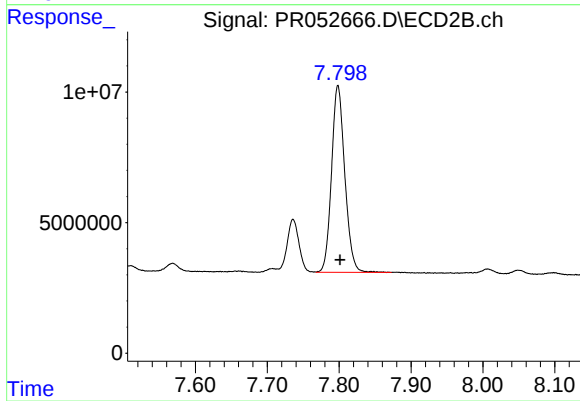
#41 AR-1268-1

R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 23290121
Conc: 50.70 ng/ml



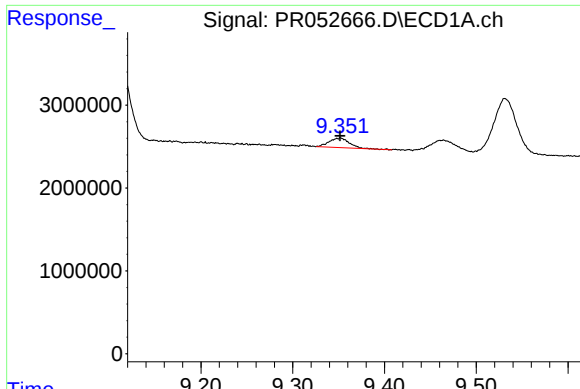
#42 AR-1268-2

R.T.: 9.092 min
Delta R.T.: -0.017 min
Response: 40340260
Conc: 99.99 ng/ml



#42 AR-1268-2

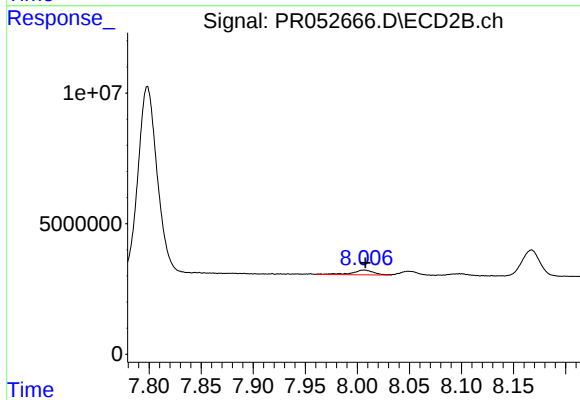
R.T.: 7.798 min
Delta R.T.: -0.003 min
Response: 91870811
Conc: 213.84 ng/ml



#43 AR-1268-3

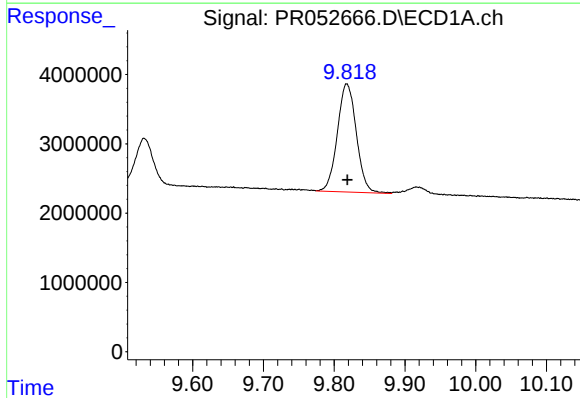
R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 1789403
Conc: 5.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



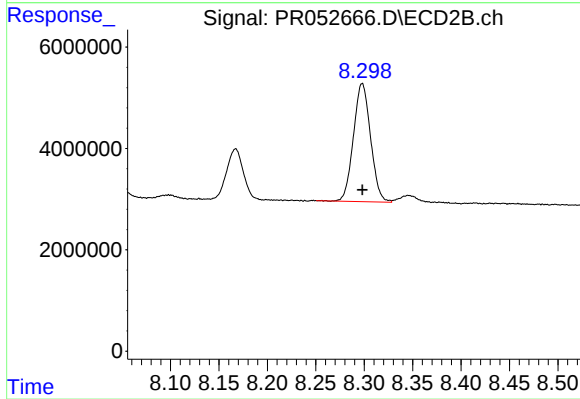
#43 AR-1268-3

R.T.: 8.006 min
Delta R.T.: -0.001 min
Response: 2604879
Conc: 7.09 ng/ml



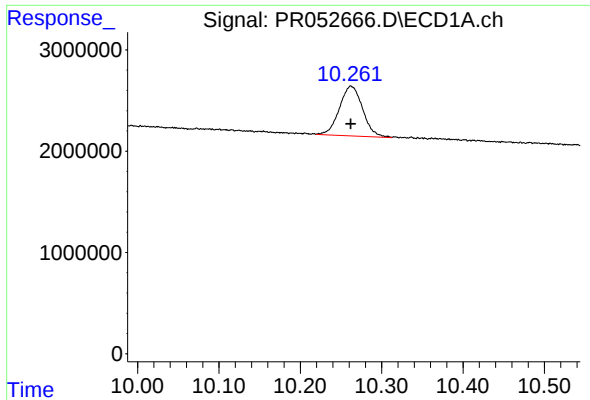
#44 AR-1268-4

R.T.: 9.818 min
Delta R.T.: 0.000 min
Response: 29152523
Conc: 184.01 ng/ml



#44 AR-1268-4

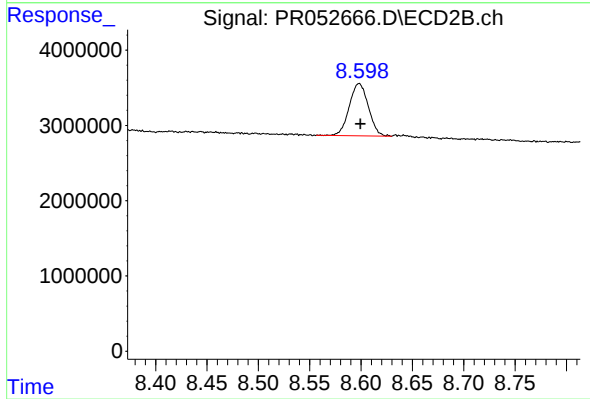
R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 28688884
Conc: 180.63 ng/ml



#45 AR-1268-5

R.T.: 10.262 min
Delta R.T.: 0.000 min
Response: 9771872
Conc: 8.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 8977356
Conc: 7.68 ng/ml