

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR022423\
 Data File : PR059715.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 12:59
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:21:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 12:41:32 2023
 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...	3.690	2.906	151.4E6	223.2E6	50.670	51.556
2)	SA Decachlor...	9.658	8.138	116.2E6	181.4E6	50.674	51.407
Target Compounds							
3)	L1 AR-1016-1	4.924	4.017	45687845	70902053	497.700	501.829
4)	L1 AR-1016-2	4.947	4.035	64446440	103.7E6	494.946	506.481
5)	L1 AR-1016-3	5.012	4.212	41222325	53191381	494.866	498.348
6)	L1 AR-1016-4	5.115	4.263	32962875	42569174	501.970	493.756
7)	L1 AR-1016-5	5.434	4.478	32750793	55904723	497.399	499.331
8)	L2 AR-1221-1	3.910	3.129	6164103	7264893	201.024	191.551
9)	L2 AR-1221-2	4.004	3.215	8262678	10377162	367.084	367.814
10)	L2 AR-1221-3	4.082	3.292	29376513	38208214	437.880	432.227
11)	L3 AR-1232-1	4.082	3.292	29376513	38208214	422.361	412.986
12)	L3 AR-1232-2	4.636	4.035	35340624	103.7E6	1086.332	1176.084
13)	L3 AR-1232-3	4.947	4.212	64446440	53191381	1101.111	1190.615
14)	L3 AR-1232-4	5.115	4.304	32962875	50794908	1112.627	1264.708
15)	L3 AR-1232-5	5.219	4.478	26408918	55904723	1175.216	1223.188
16)	L4 AR-1242-1	4.924	4.017	45687845	70902053	625.410	641.327
17)	L4 AR-1242-2	4.947	4.035	64446440	103.7E6	629.924	641.684
18)	L4 AR-1242-3	5.012	4.212	41222325	53191381	627.602	638.088
19)	L4 AR-1242-4	5.115	4.304	32962875	50794908	631.043	630.208
20)	L4 AR-1242-5	5.911	4.847	9147509	53700264	170.508	535.264 #
21)	L5 AR-1248-1	4.924	4.017	45687845	70902053	822.786	853.904
22)	L5 AR-1248-2	5.219	4.263	26408918	42569174	356.516	351.030
23)	L5 AR-1248-3	5.434	4.304	32750793	50794908	383.041	415.883
24)	L5 AR-1248-4	5.869	4.478	10755987	55904723	120.286	374.575 #
25)	L5 AR-1248-5	5.911	4.889	9147509	12013423	102.161	86.801
26)	L6 AR-1254-1	5.840	4.847	28160559	53700264	302.448	236.598
27)	L6 AR-1254-2	6.080	5.005	24566879	37605471	173.824	192.920
28)	L6 AR-1254-3	6.474	5.444f	11489723	74388959	78.227	239.363 #
29)	L6 AR-1254-4	6.786	5.671	7167650	5193695	67.596	28.786 #
30)	L6 AR-1254-5	7.243	6.112	79050247	147.1E6	664.492	534.848
31)	L7 AR-1260-1	6.654	5.564	60133590	115.7E6	495.162	503.630
32)	L7 AR-1260-2	6.939	5.769	69120831	137.2E6	496.400	507.310
33)	L7 AR-1260-3	7.332	5.926	53201009	130.7E6	499.197	508.787
34)	L7 AR-1260-4	7.576	6.430	61598413	108.0E6	501.769	507.160
35)	L7 AR-1260-5	7.915	6.696	114.7E6	247.1E6	503.328	512.579
36)	L8 AR-1262-1	7.332	6.157	53201009	115.0E6	380.183	397.373
37)	L8 AR-1262-2	7.915	6.430	114.7E6	108.0E6	482.572	420.031
38)	L8 AR-1262-3	8.233	6.999	77563777	52405806	453.980	269.518 #
39)	L8 AR-1262-4	8.313	7.065	21754246	174.8E6	164.127	478.904 #
40)	L8 AR-1262-5	8.950	7.603	35605048	56660759	375.478	358.609
41)	L9 AR-1268-1	8.233	6.999	77563777	52405806	253.064	84.680 #

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 Acq On : 24 Feb 2023 12:59
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

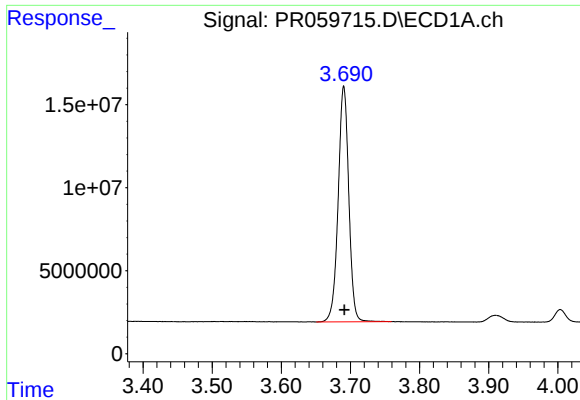
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:21:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022423.M
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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	8.313	7.065	21754246	174.8E6	78.182	315.253 #
43) L9	AR-1268-3	8.539	7.288	2365929	3285490	9.479	6.785 #
44) L9	AR-1268-4	8.950	7.603	35605048	56660759	324.228	313.007
45) L9	AR-1268-5	9.342	7.897	10934028	15399614	13.768	10.458

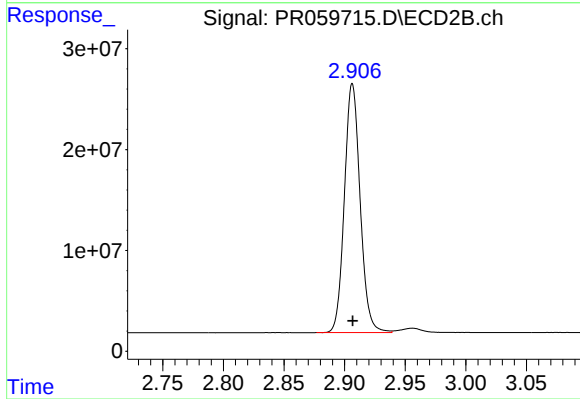
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

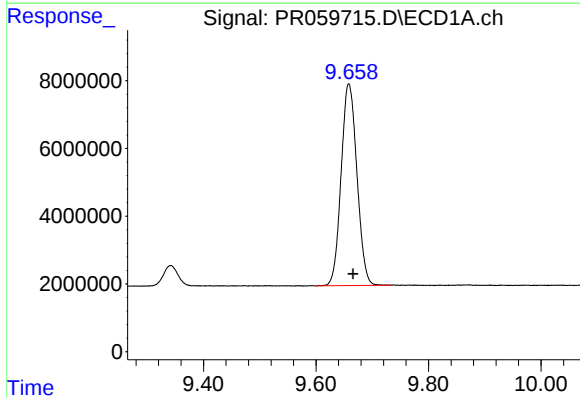
R.T.: 3.690 min
Delta R.T.: 0.000 min
Response: 151384666
Conc: 50.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



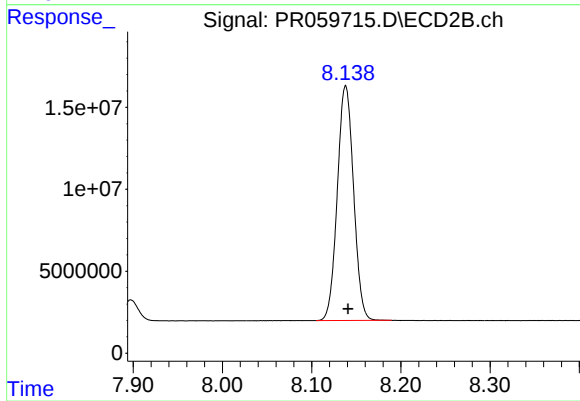
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 223158239
Conc: 51.56 ng/ml



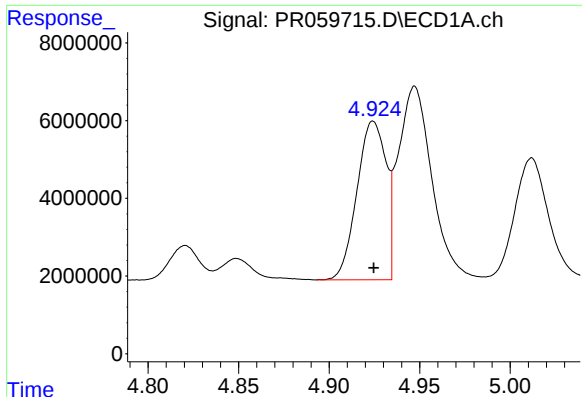
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.008 min
Response: 116232700
Conc: 50.67 ng/ml



#2 Decachlorobiphenyl

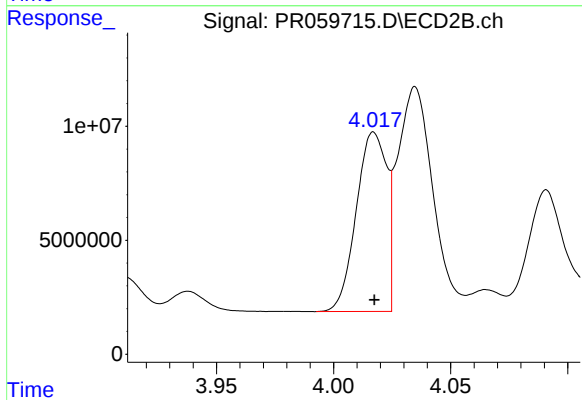
R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 181354966
Conc: 51.41 ng/ml



#3 AR-1016-1

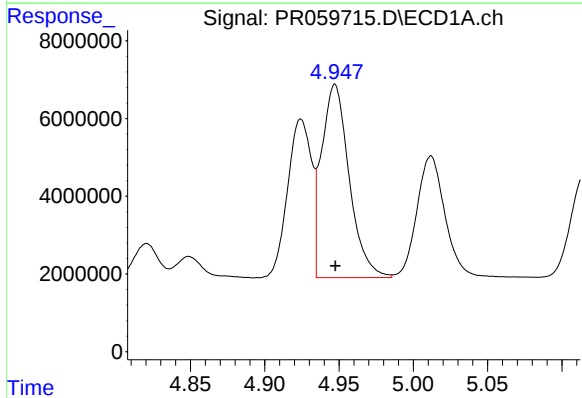
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 45687845
Conc: 497.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



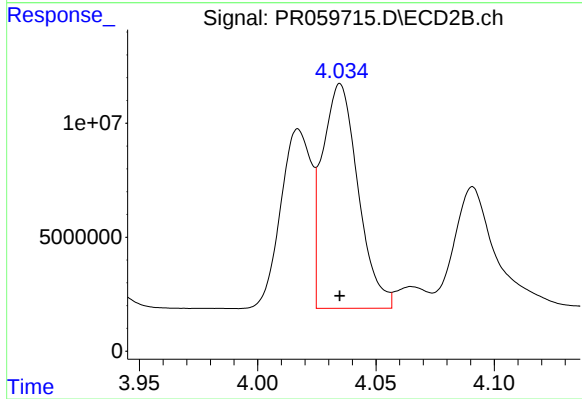
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 70902053
Conc: 501.83 ng/ml



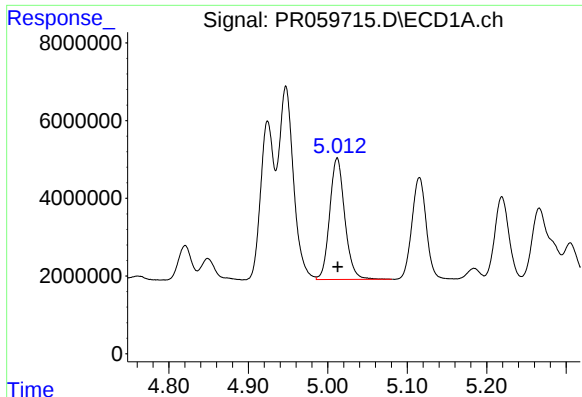
#4 AR-1016-2

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 64446440
Conc: 494.95 ng/ml



#4 AR-1016-2

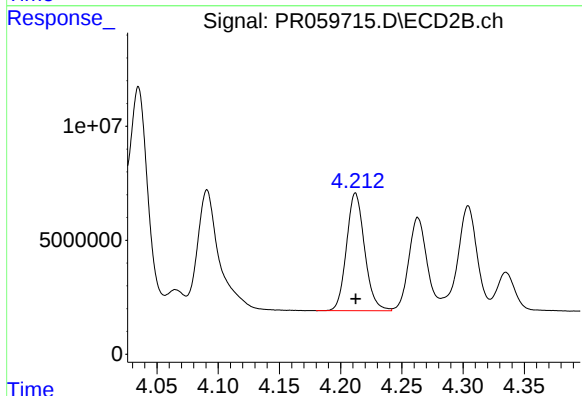
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 103659826
Conc: 506.48 ng/ml



#5 AR-1016-3

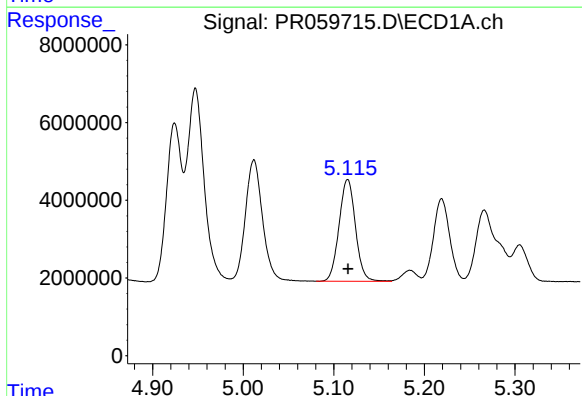
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 41222325
Conc: 494.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



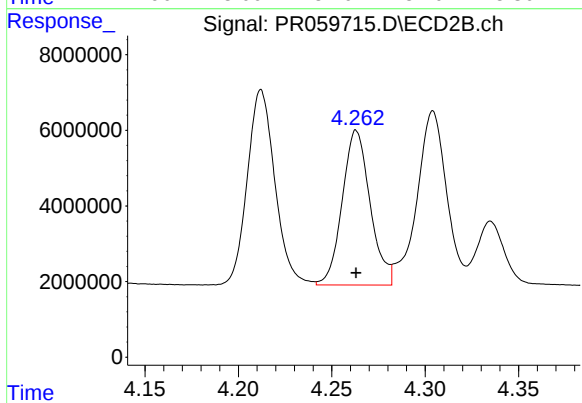
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 53191381
Conc: 498.35 ng/ml



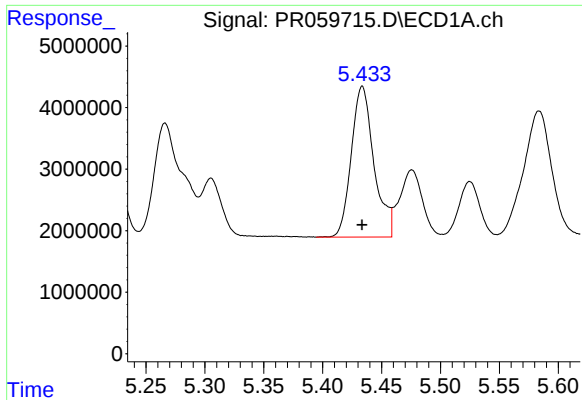
#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 32962875
Conc: 501.97 ng/ml



#6 AR-1016-4

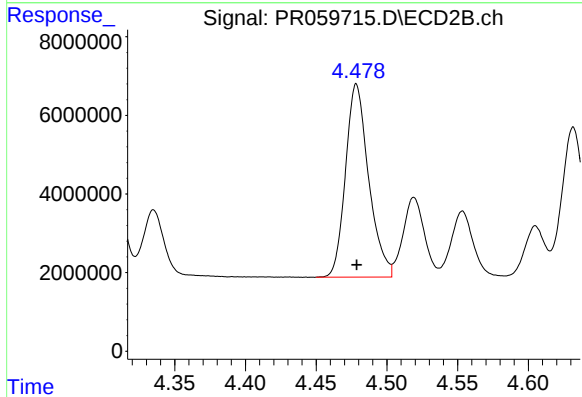
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 42569174
Conc: 493.76 ng/ml



#7 AR-1016-5

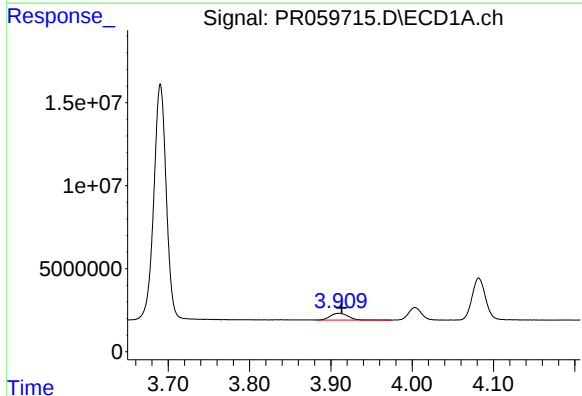
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 32750793
Conc: 497.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



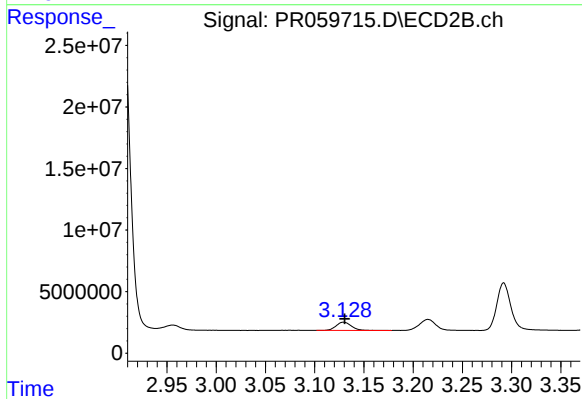
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 55904723
Conc: 499.33 ng/ml



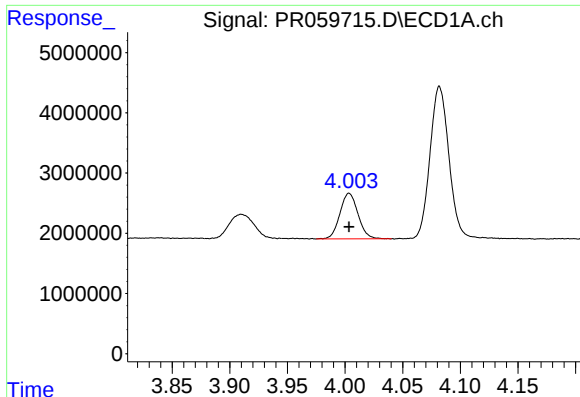
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.003 min
Response: 6164103
Conc: 201.02 ng/ml



#8 AR-1221-1

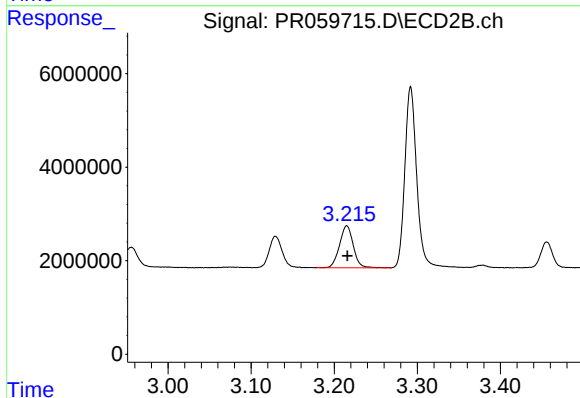
R.T.: 3.129 min
Delta R.T.: -0.001 min
Response: 7264893
Conc: 191.55 ng/ml



#9 AR-1221-2

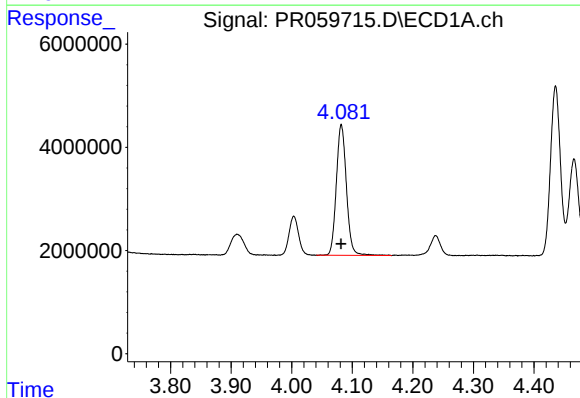
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 8262678
Conc: 367.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



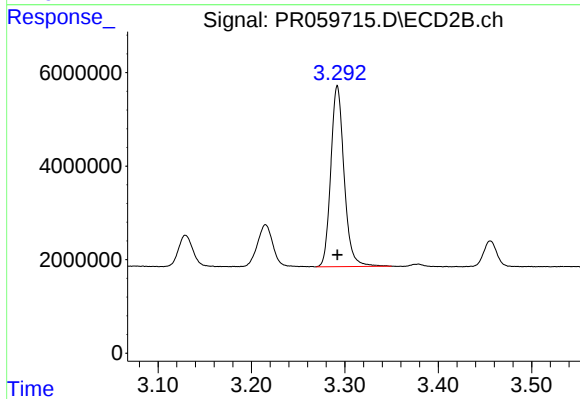
#9 AR-1221-2

R.T.: 3.215 min
Delta R.T.: 0.000 min
Response: 10377162
Conc: 367.81 ng/ml



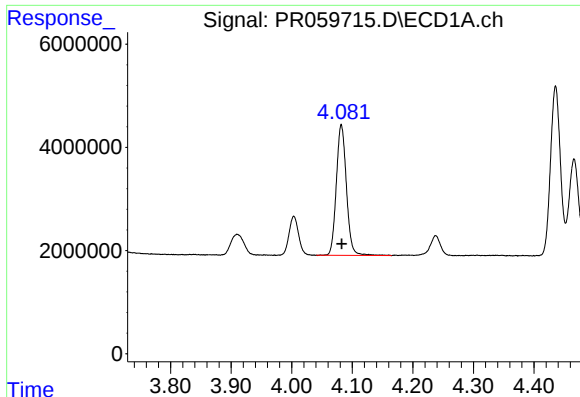
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 29376513
Conc: 437.88 ng/ml



#10 AR-1221-3

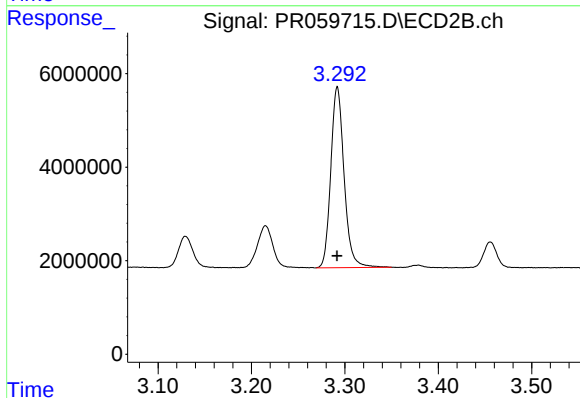
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 38208214
Conc: 432.23 ng/ml



#11 AR-1232-1

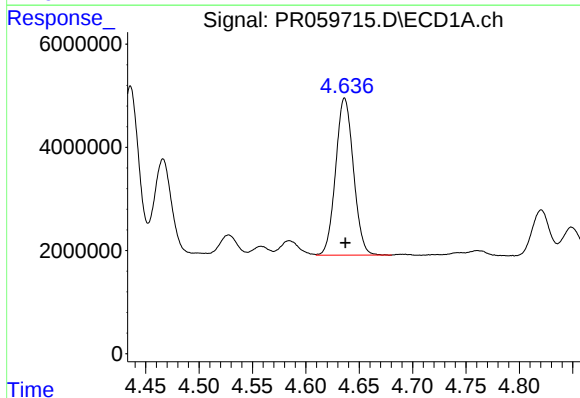
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 29376513
Conc: 422.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



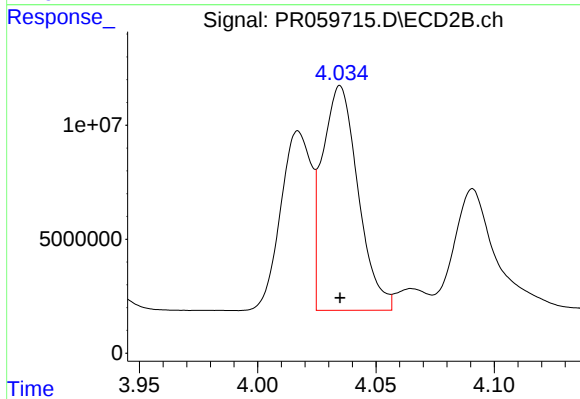
#11 AR-1232-1

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 38208214
Conc: 412.99 ng/ml



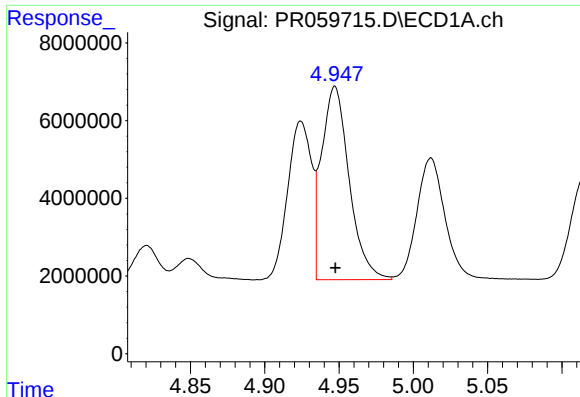
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 35340624
Conc: 1086.33 ng/ml



#12 AR-1232-2

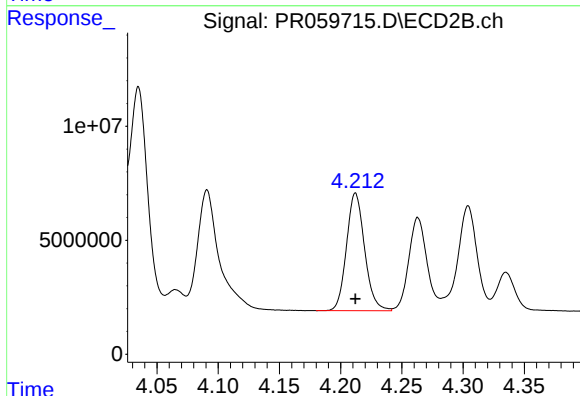
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 103659826
Conc: 1176.08 ng/ml



#13 AR-1232-3

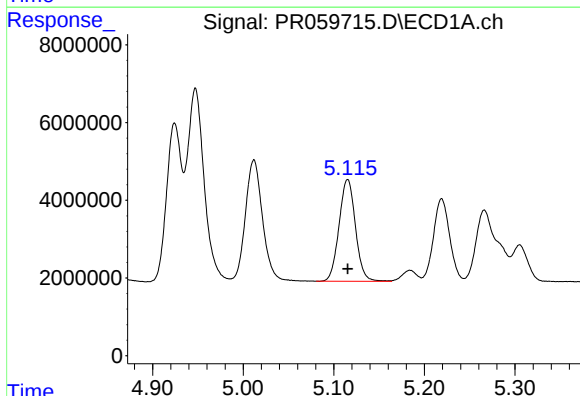
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 64446440
Conc: 1101.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



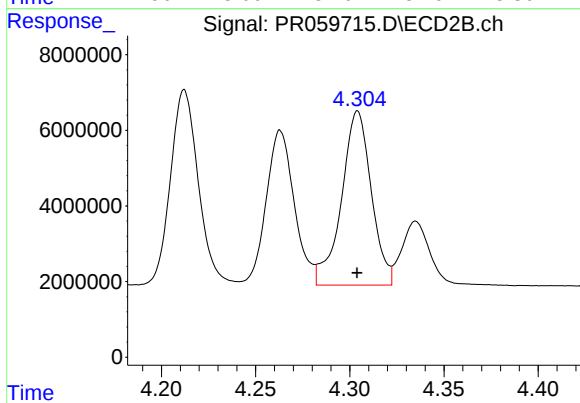
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 53191381
Conc: 1190.61 ng/ml



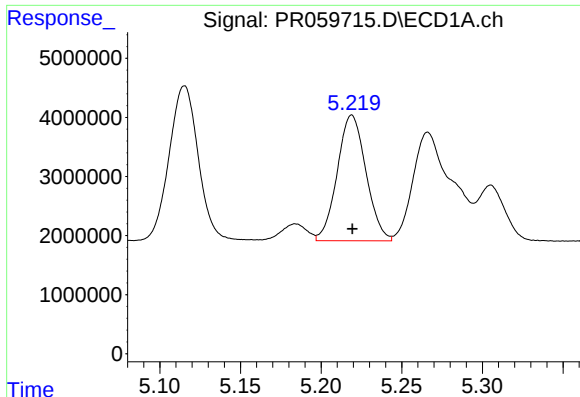
#14 AR-1232-4

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 32962875
Conc: 1112.63 ng/ml



#14 AR-1232-4

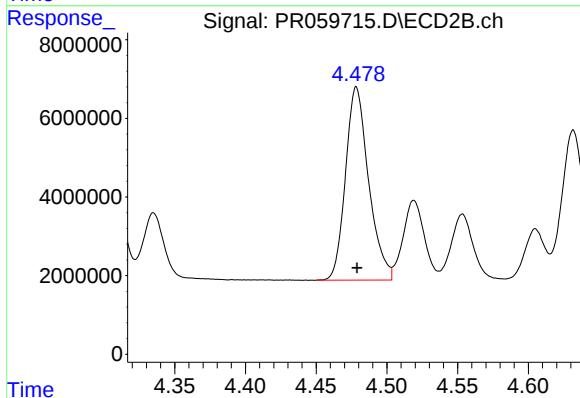
R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 50794908
Conc: 1264.71 ng/ml



#15 AR-1232-5

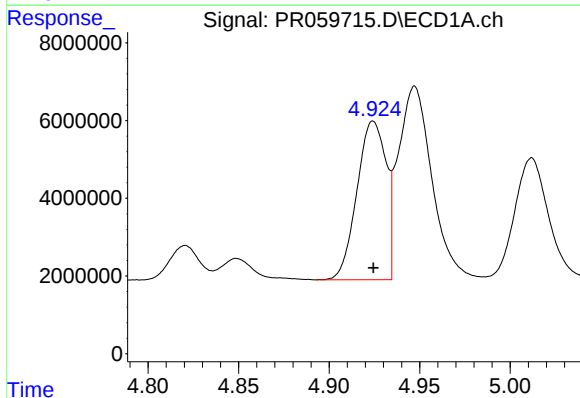
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 26408918
Conc: 1175.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



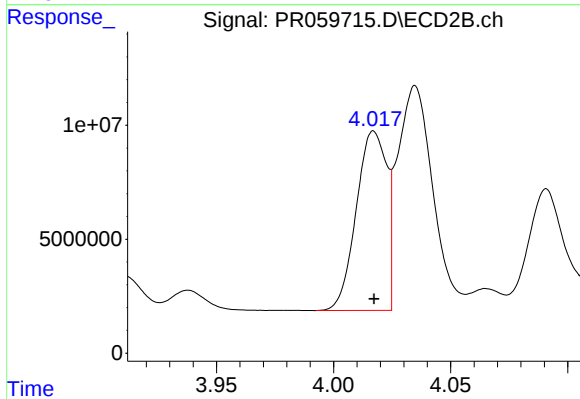
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 55904723
Conc: 1223.19 ng/ml



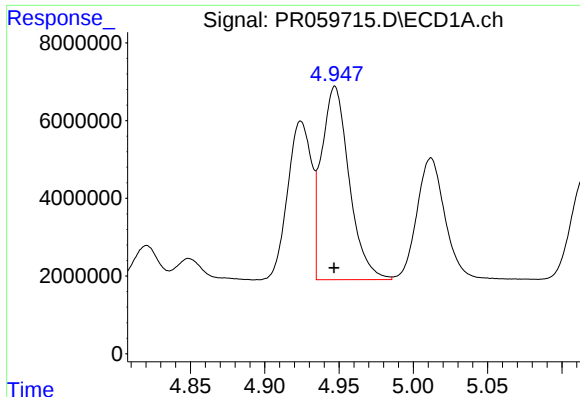
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 45687845
Conc: 625.41 ng/ml



#16 AR-1242-1

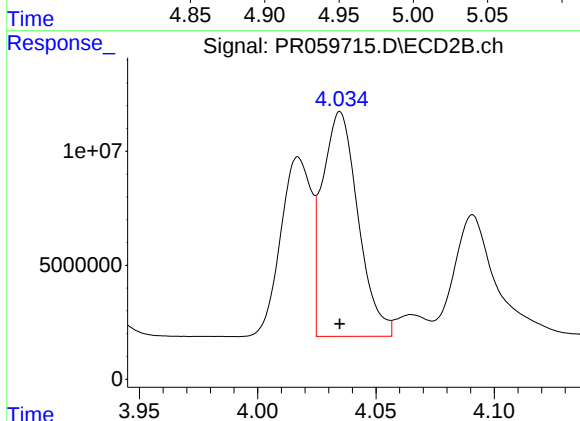
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 70902053
Conc: 641.33 ng/ml



#17 AR-1242-2

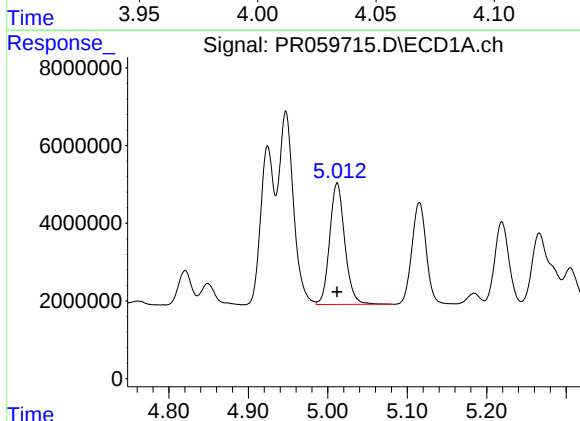
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 64446440
Conc: 629.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



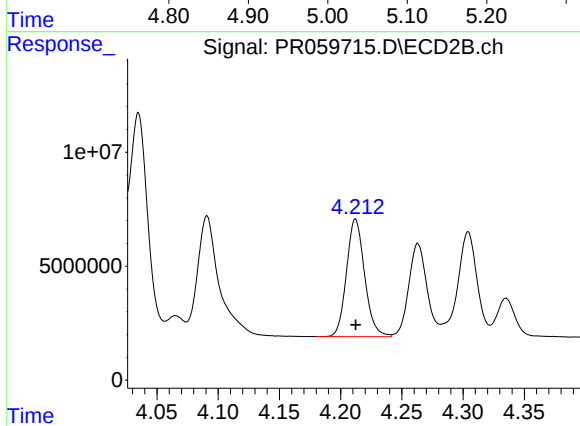
#17 AR-1242-2

R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 103659826
Conc: 641.68 ng/ml



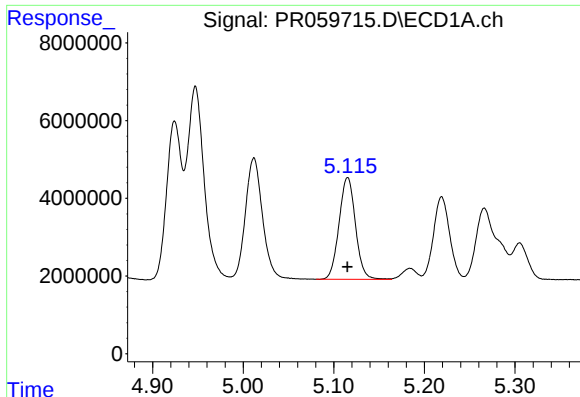
#18 AR-1242-3

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 41222325
Conc: 627.60 ng/ml



#18 AR-1242-3

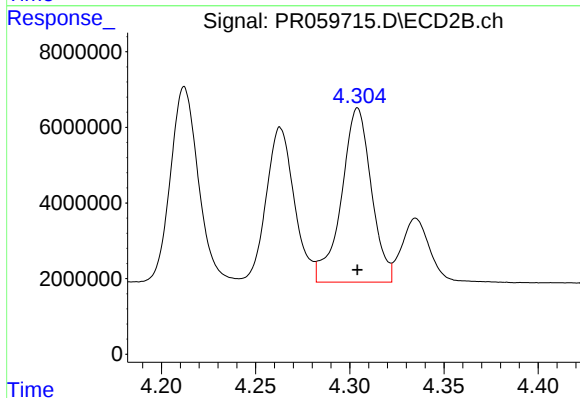
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 53191381
Conc: 638.09 ng/ml



#19 AR-1242-4

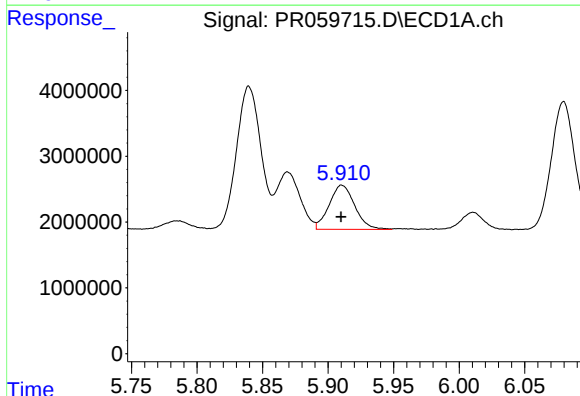
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 32962875
Conc: 631.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



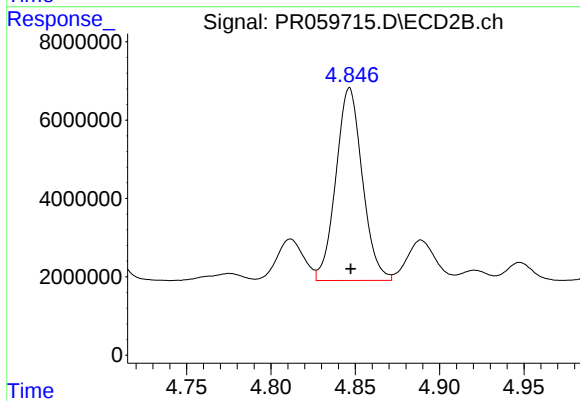
#19 AR-1242-4

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 50794908
Conc: 630.21 ng/ml



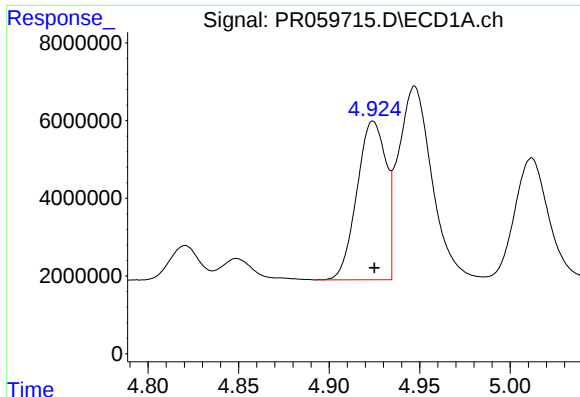
#20 AR-1242-5

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 9147509
Conc: 170.51 ng/ml



#20 AR-1242-5

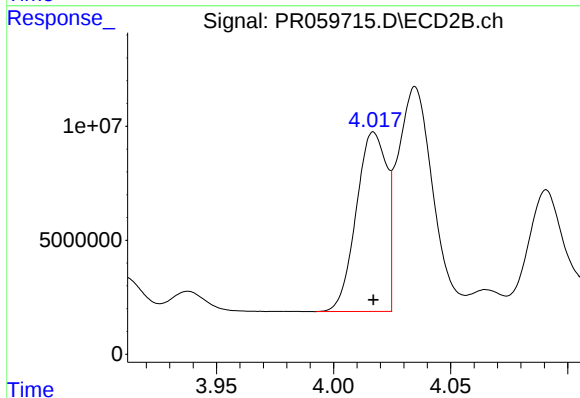
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 53700264
Conc: 535.26 ng/ml



#21 AR-1248-1

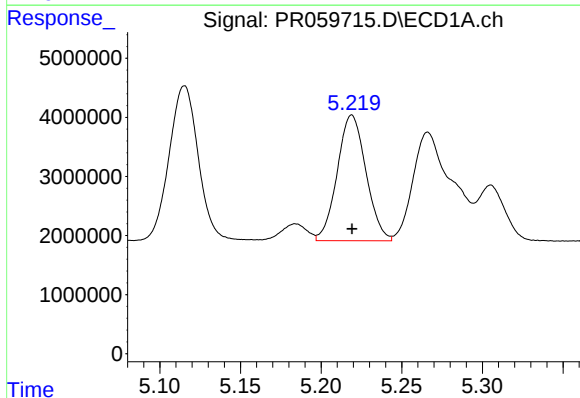
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 45687845
Conc: 822.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



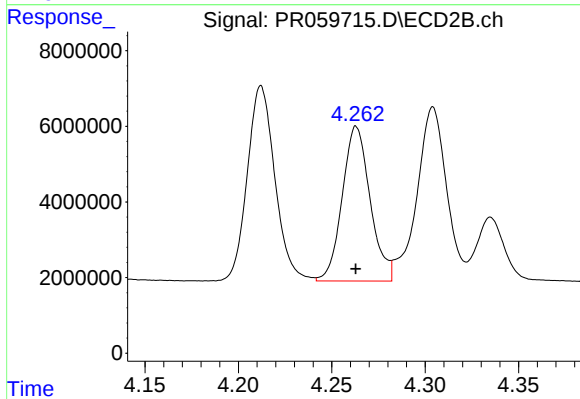
#21 AR-1248-1

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 70902053
Conc: 853.90 ng/ml



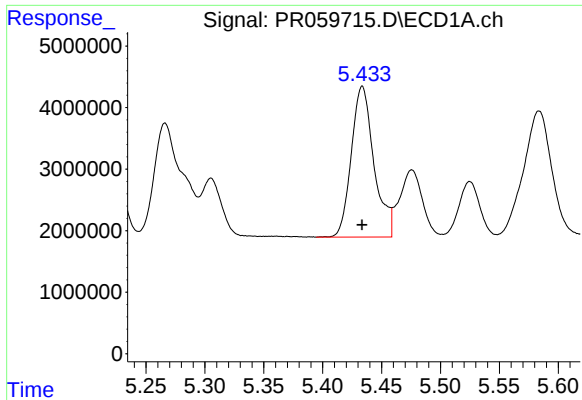
#22 AR-1248-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 26408918
Conc: 356.52 ng/ml



#22 AR-1248-2

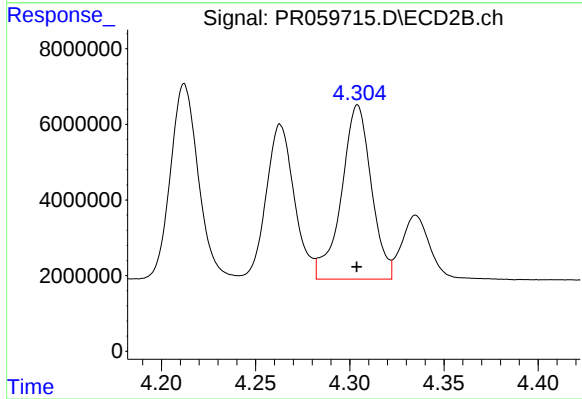
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 42569174
Conc: 351.03 ng/ml



#23 AR-1248-3

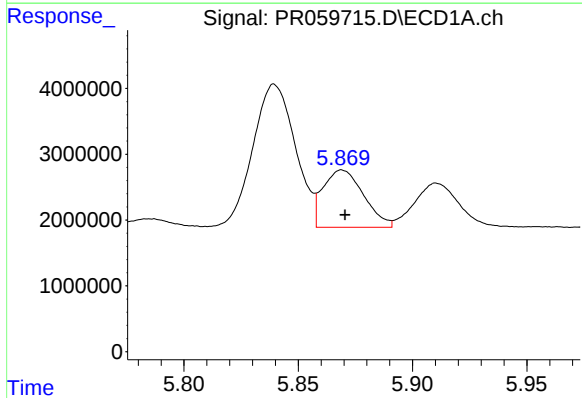
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 32750793
Conc: 383.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



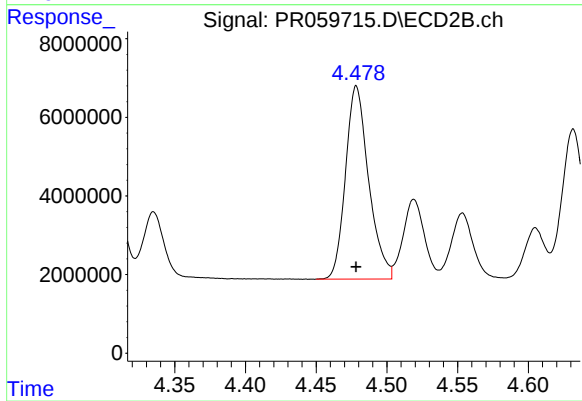
#23 AR-1248-3

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 50794908
Conc: 415.88 ng/ml



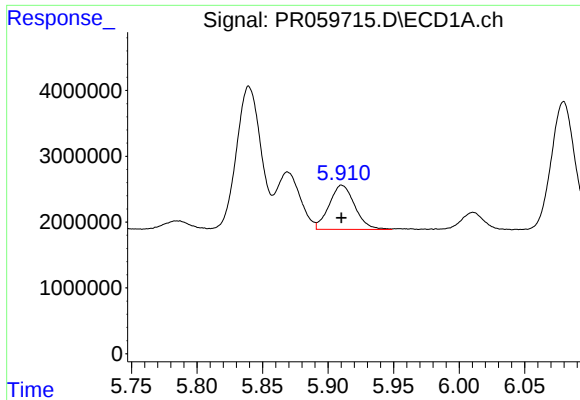
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 10755987
Conc: 120.29 ng/ml



#24 AR-1248-4

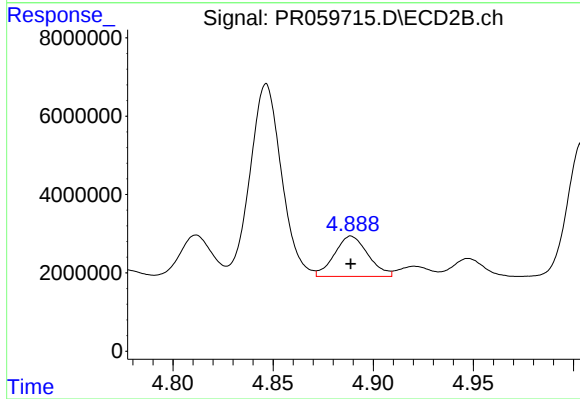
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 55904723
Conc: 374.58 ng/ml



#25 AR-1248-5

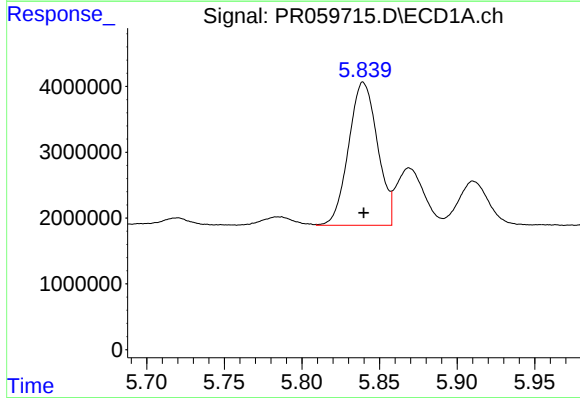
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 9147509
Conc: 102.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



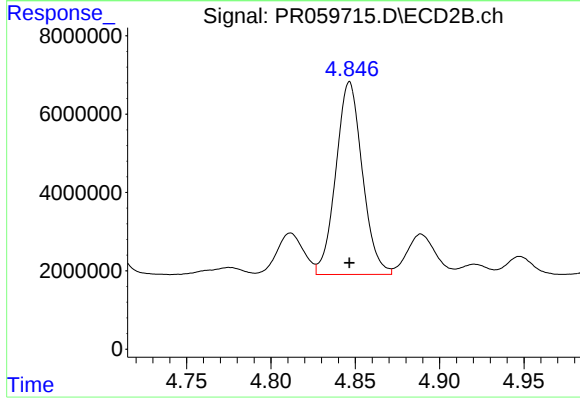
#25 AR-1248-5

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 12013423
Conc: 86.80 ng/ml



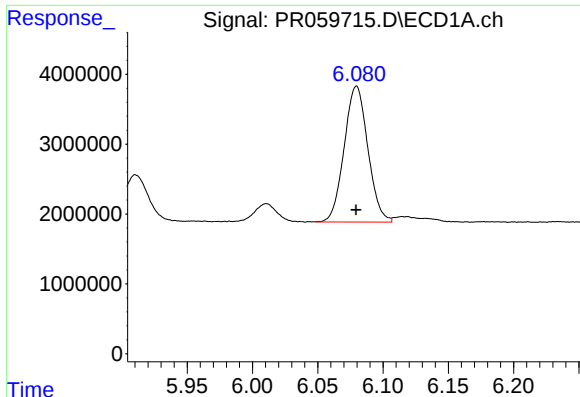
#26 AR-1254-1

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 28160559
Conc: 302.45 ng/ml



#26 AR-1254-1

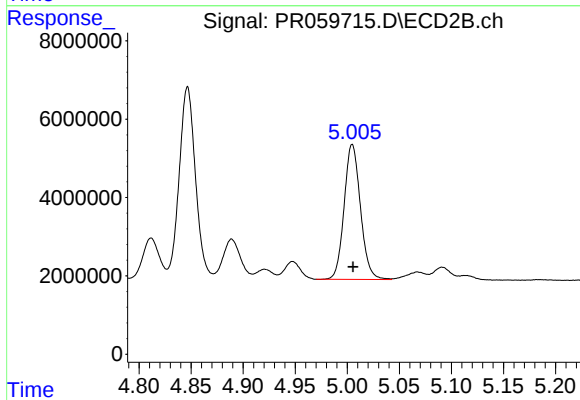
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 53700264
Conc: 236.60 ng/ml



#27 AR-1254-2

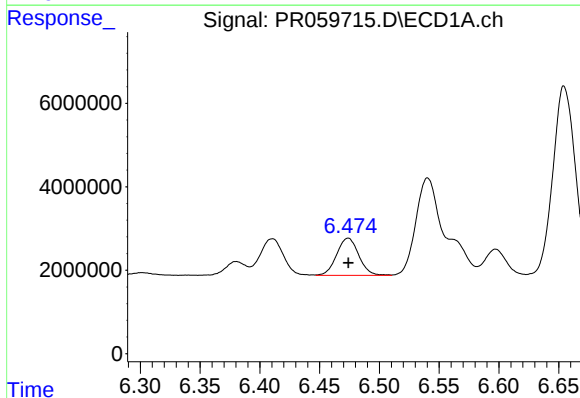
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 24566879
Conc: 173.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



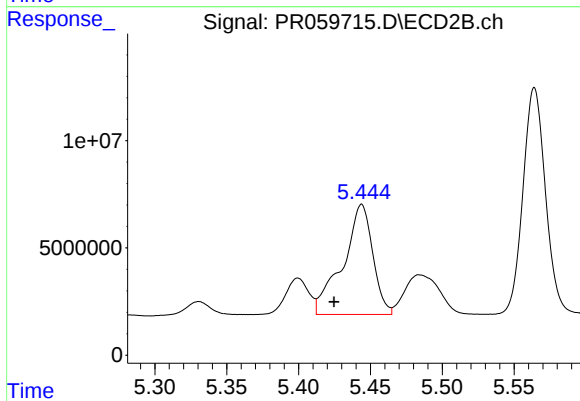
#27 AR-1254-2

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 37605471
Conc: 192.92 ng/ml



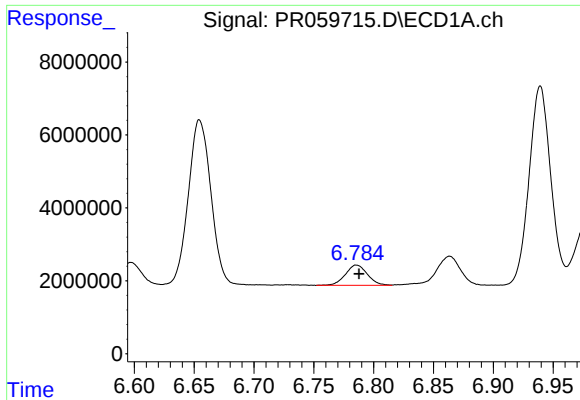
#28 AR-1254-3

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 11489723
Conc: 78.23 ng/ml



#28 AR-1254-3

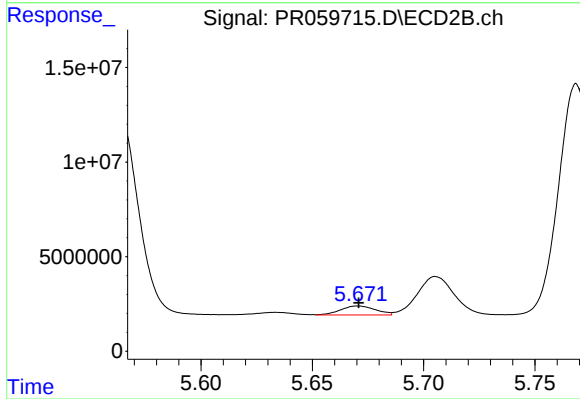
R.T.: 5.444 min
Delta R.T.: 0.019 min
Response: 74388959
Conc: 239.36 ng/ml



#29 AR-1254-4

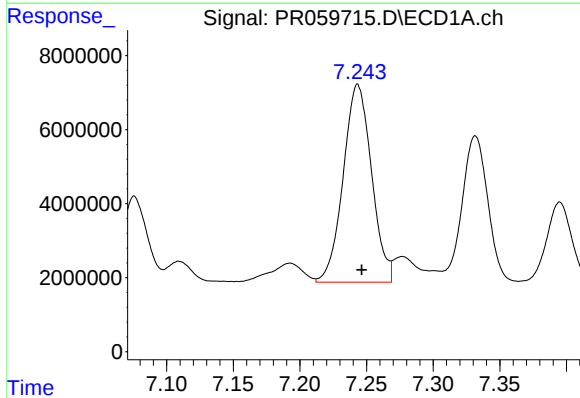
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 7167650
Conc: 67.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



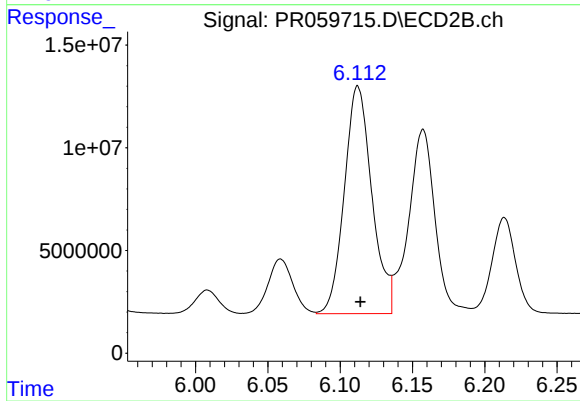
#29 AR-1254-4

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 5193695
Conc: 28.79 ng/ml



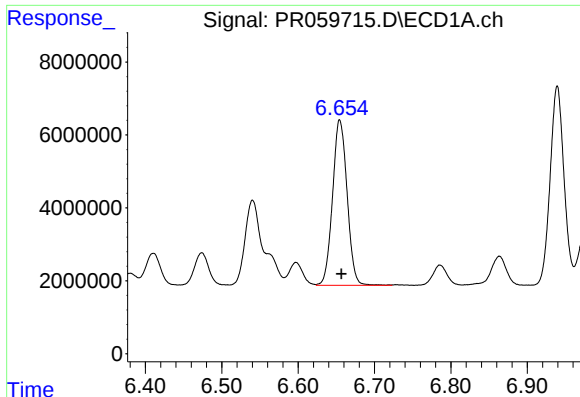
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.003 min
Response: 79050247
Conc: 664.49 ng/ml



#30 AR-1254-5

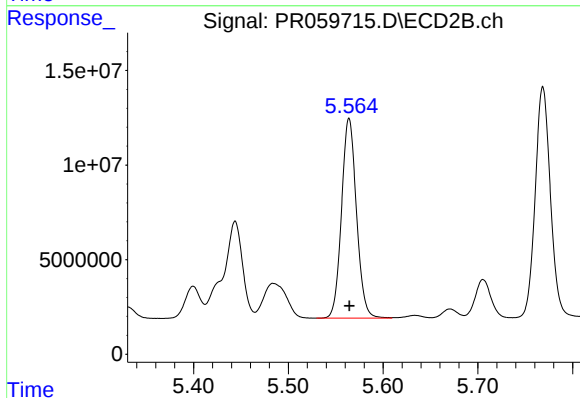
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 147143686
Conc: 534.85 ng/ml



#31 AR-1260-1

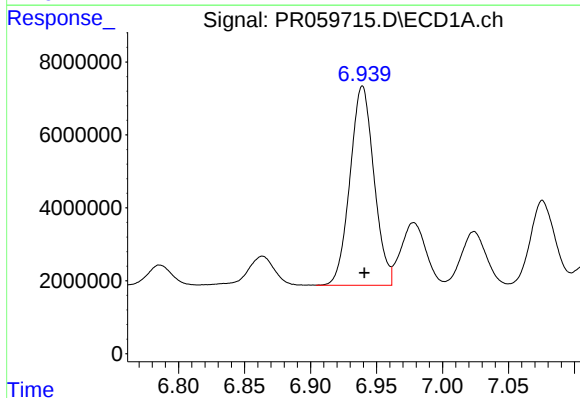
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 60133590
Conc: 495.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



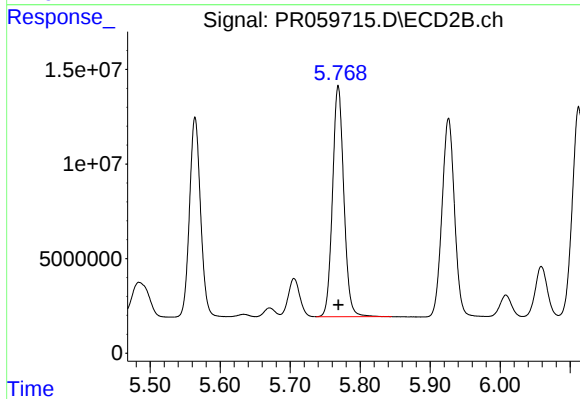
#31 AR-1260-1

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 115715885
Conc: 503.63 ng/ml



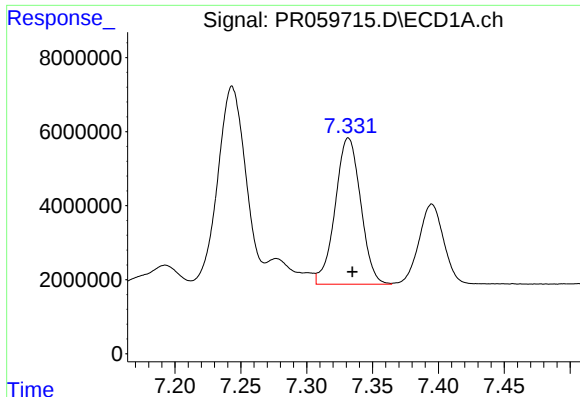
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 69120831
Conc: 496.40 ng/ml



#32 AR-1260-2

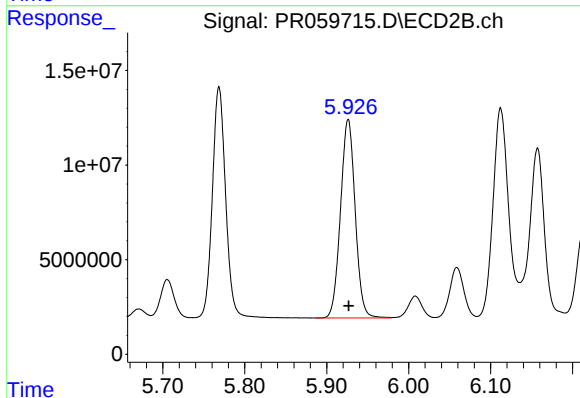
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 137158805
Conc: 507.31 ng/ml



#33 AR-1260-3

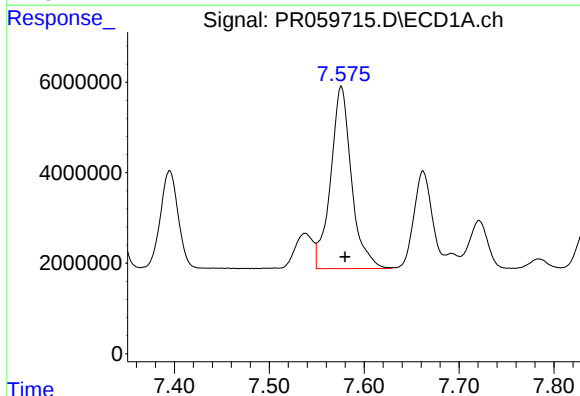
R.T.: 7.332 min
Delta R.T.: -0.003 min
Response: 53201009
Conc: 499.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



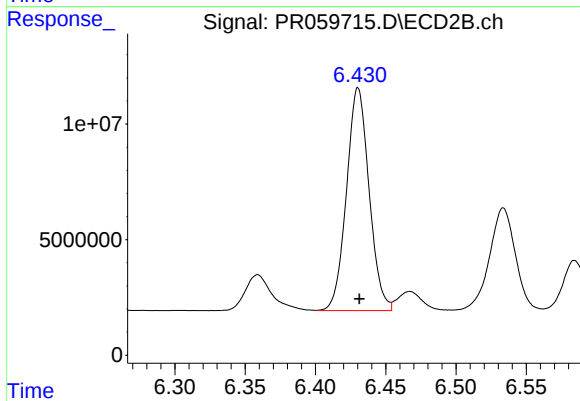
#33 AR-1260-3

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 130744250
Conc: 508.79 ng/ml



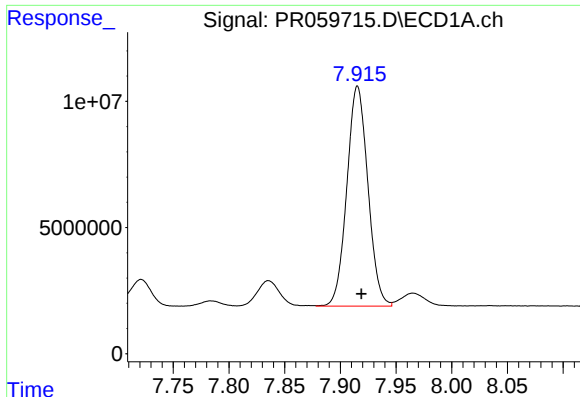
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: -0.004 min
Response: 61598413
Conc: 501.77 ng/ml



#34 AR-1260-4

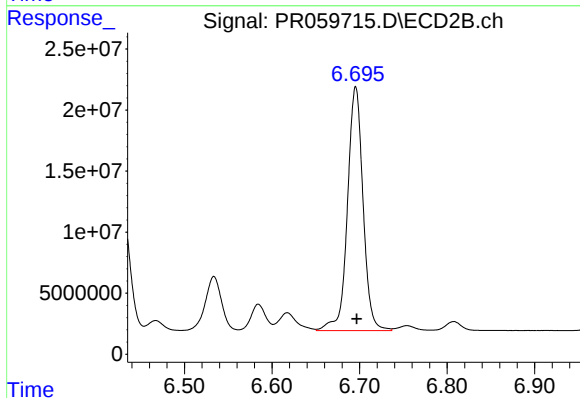
R.T.: 6.430 min
Delta R.T.: -0.001 min
Response: 107972058
Conc: 507.16 ng/ml



#35 AR-1260-5

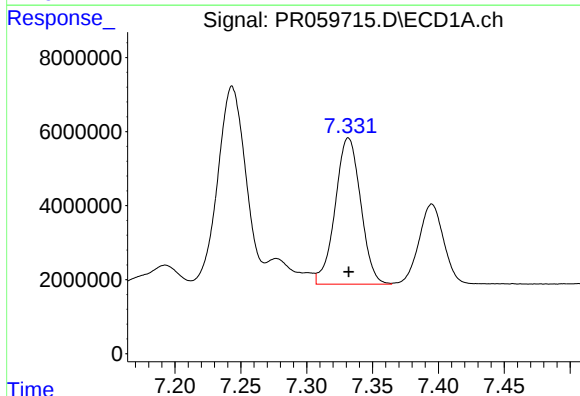
R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 114701892
Conc: 503.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



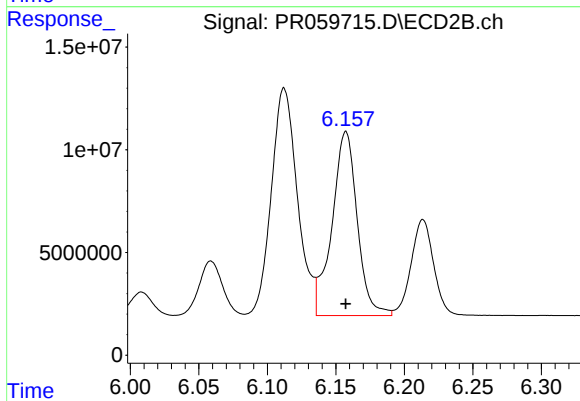
#35 AR-1260-5

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 247146213
Conc: 512.58 ng/ml



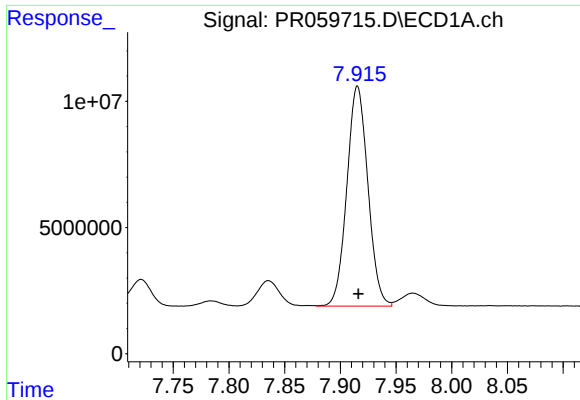
#36 AR-1262-1

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 53201009
Conc: 380.18 ng/ml



#36 AR-1262-1

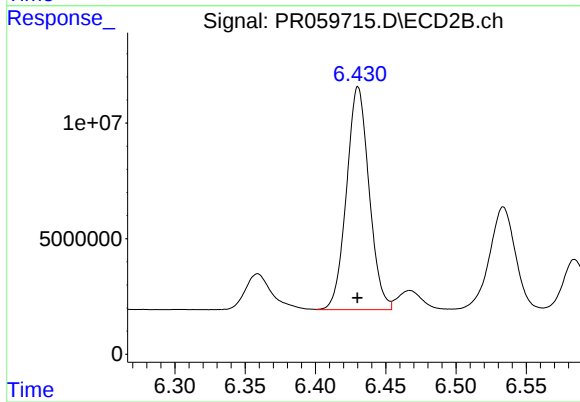
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 114964391
Conc: 397.37 ng/ml



#37 AR-1262-2

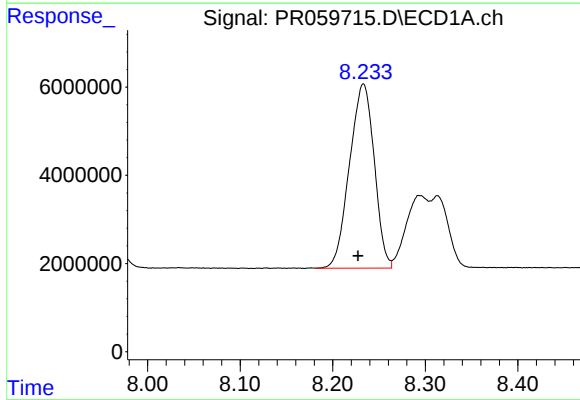
R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 114701892
Conc: 482.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



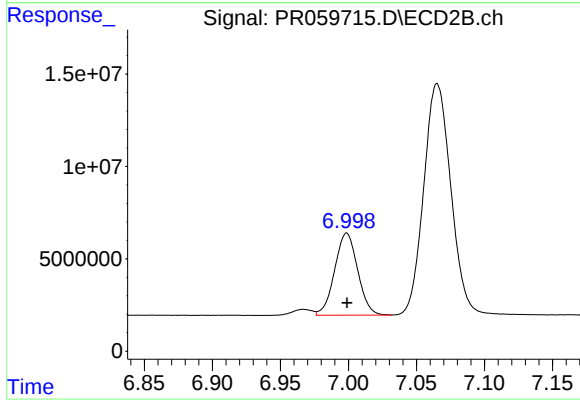
#37 AR-1262-2

R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 107972058
Conc: 420.03 ng/ml



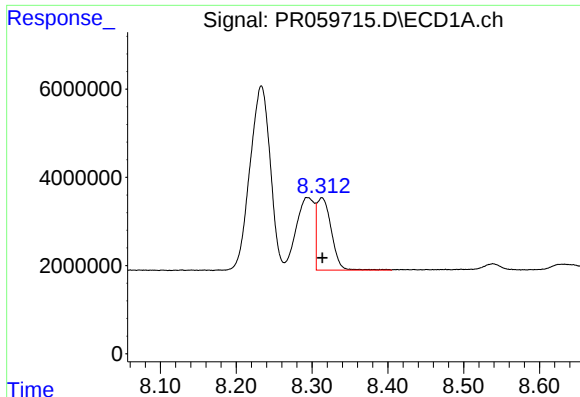
#38 AR-1262-3

R.T.: 8.233 min
Delta R.T.: 0.006 min
Response: 77563777
Conc: 453.98 ng/ml



#38 AR-1262-3

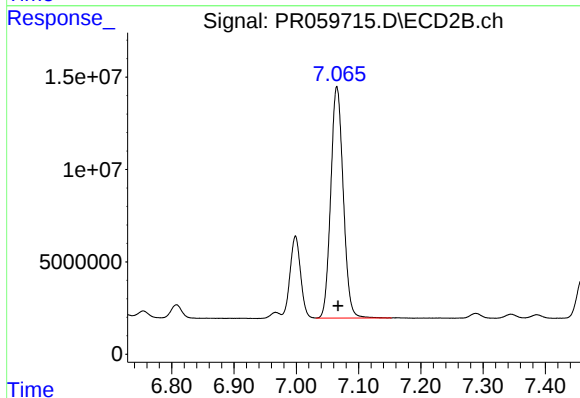
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 52405806
Conc: 269.52 ng/ml



#39 AR-1262-4

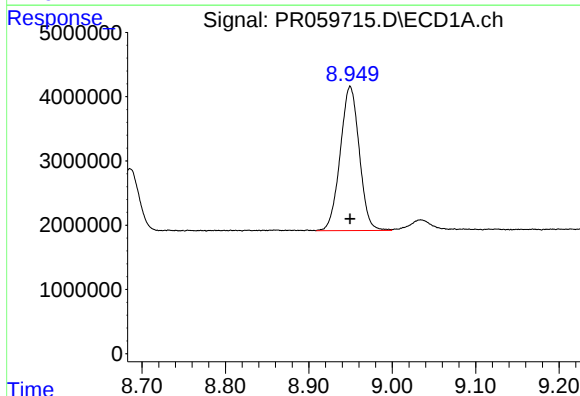
R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 21754246
Conc: 164.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



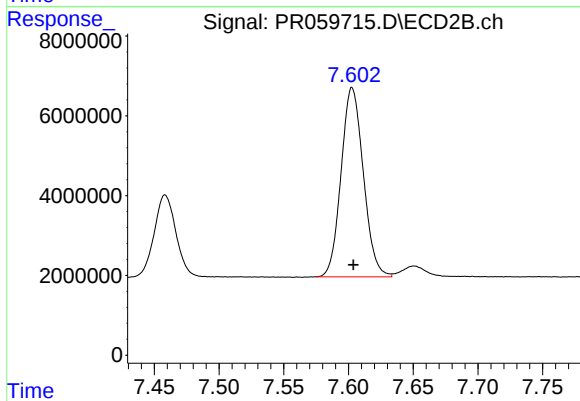
#39 AR-1262-4

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 174765873
Conc: 478.90 ng/ml



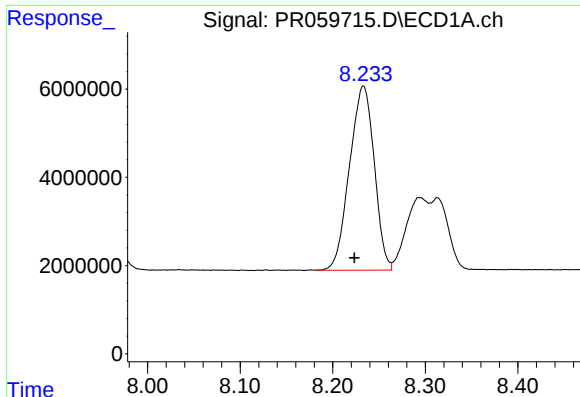
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 35605048
Conc: 375.48 ng/ml



#40 AR-1262-5

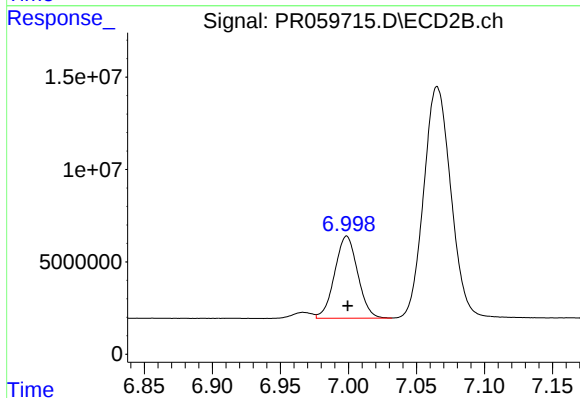
R.T.: 7.603 min
Delta R.T.: -0.001 min
Response: 56660759
Conc: 358.61 ng/ml



#41 AR-1268-1

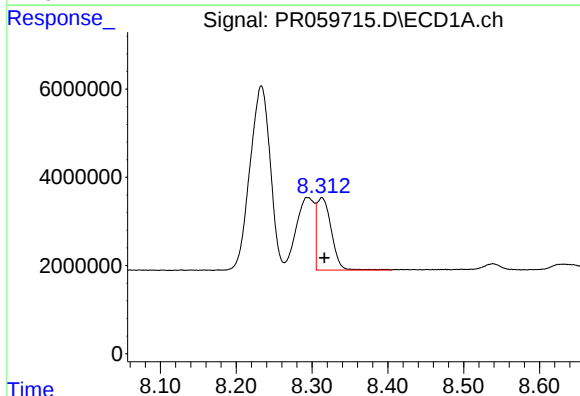
R.T.: 8.233 min
Delta R.T.: 0.010 min
Response: 77563777
Conc: 253.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



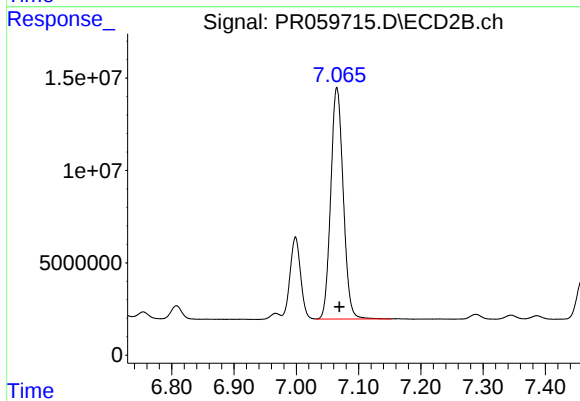
#41 AR-1268-1

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 52405806
Conc: 84.68 ng/ml



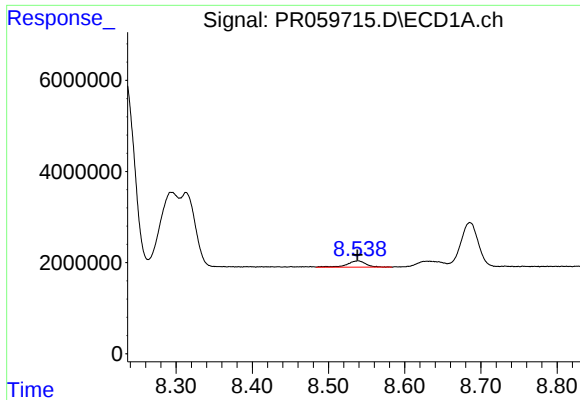
#42 AR-1268-2

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 21754246
Conc: 78.18 ng/ml



#42 AR-1268-2

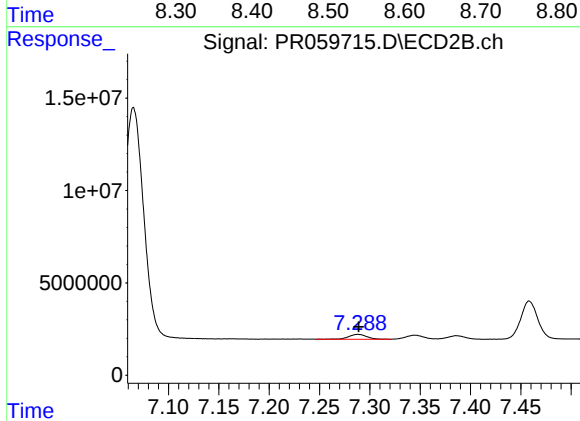
R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 174765873
Conc: 315.25 ng/ml



#43 AR-1268-3

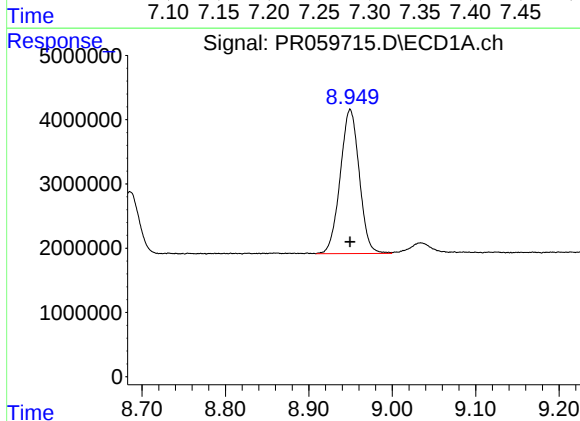
R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 2365929
Conc: 9.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



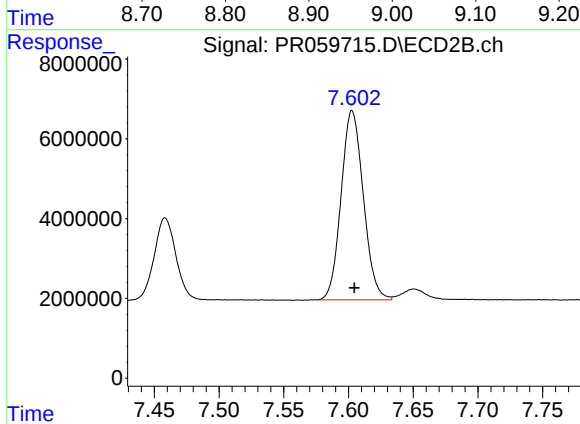
#43 AR-1268-3

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 3285490
Conc: 6.78 ng/ml



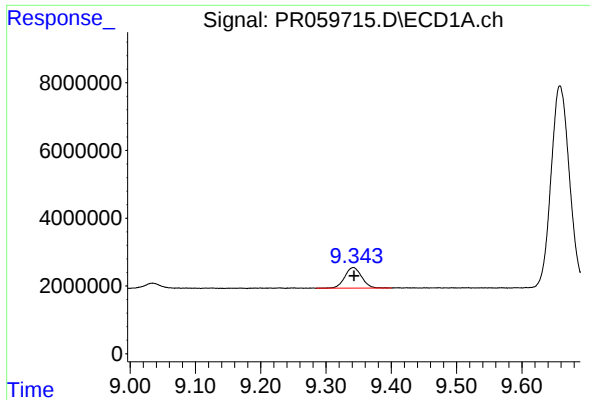
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 35605048
Conc: 324.23 ng/ml



#44 AR-1268-4

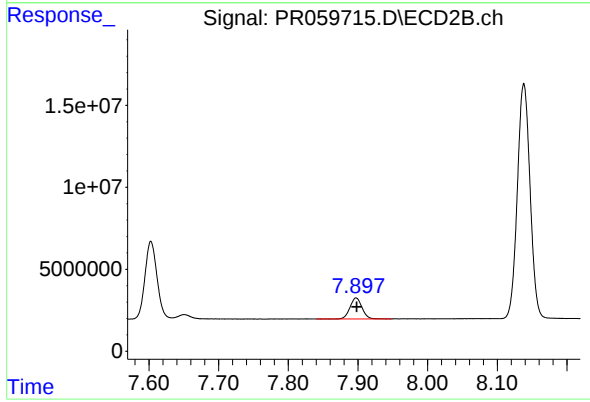
R.T.: 7.603 min
Delta R.T.: -0.002 min
Response: 56660759
Conc: 313.01 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.001 min
Response: 10934028
Conc: 13.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 15399614
Conc: 10.46 ng/ml