

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042021\
 Data File : PR050059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 05:51
 Operator : DD\AJ
 Sample : M2082-17
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 A4315

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 10:23:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 07 06:22:57 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...	4.636	3.821	62956396	104.2E6	14.151	14.125
2)	SA Decachlor...	10.508	8.849	122.9E6	158.6E6	18.618	18.975
Target Compounds							
3)	L1 AR-1016-1	5.837	0.000	3233919	0	15.243	N.D. #
4)	L1 AR-1016-2	5.837	0.000	3233919	0	10.744	N.D. #
5)	L1 AR-1016-3	5.931	5.141f	3265744	3181243	17.998	15.211
6)	L1 AR-1016-4	6.040f	5.141	2307466	3181243	15.210	19.569 #
7)	L1 AR-1016-5	6.294	5.352	2550303	2093740	16.589	9.670 #
8)	L2 AR-1221-1	4.859	0.000	2912718	0	52.792	N.D. #
9)	L2 AR-1221-2	4.947	4.103	1115307	6976388	27.789	120.022 #
10)	L2 AR-1221-3	5.026	4.194	3298306	4330611	24.618	22.043
11)	L3 AR-1232-1	5.026	4.194	3298306	4330611	31.035	28.135
13)	L3 AR-1232-3	5.837	5.141f	3233919	3181243	25.779	36.982 #
14)	L3 AR-1232-4	6.040f	5.216	2307466	1646208	36.703	21.926 #
15)	L3 AR-1232-5	6.089	5.352	799783	2093740	16.073	24.890 #
16)	L4 AR-1242-1	5.837	0.000	3233919	0	16.932	N.D. #
17)	L4 AR-1242-2	5.837	0.000	3233919	0	12.071	N.D. #
18)	L4 AR-1242-3	5.931	5.141f	3265744	3181243	20.024	17.024
19)	L4 AR-1242-4	6.040f	5.216	2307466	1646208	16.974	9.349 #
20)	L4 AR-1242-5	6.743	5.709	7271996	21638255	45.918	90.897 #
21)	L5 AR-1248-1	5.837	0.000	3233919	0	25.217	N.D. #
22)	L5 AR-1248-2	6.089	5.141	799783	3181243	4.329	14.153 #
23)	L5 AR-1248-3	6.294	5.216	2550303	1646208	12.210	6.890 #
24)	L5 AR-1248-4	6.704	5.352	2633957	2093740	10.518	7.121 #
25)	L5 AR-1248-5	6.743	5.747	7271996	1377156	30.038	4.504 #
26)	L6 AR-1254-1	6.672	5.709	12152086	21638255	34.735	33.068
27)	L6 AR-1254-2	6.889	5.853	36440081	36920213	65.568	65.657
28)	L6 AR-1254-3	7.260	6.272	22043699	101.7E6	35.183	103.382 #
29)	L6 AR-1254-4	7.546	6.482	34069469	20706284	70.898	34.273 #
30)	L6 AR-1254-5	7.965	6.898	517.8E6	574.9E6	968.668	659.780 #
31)	L7 AR-1260-1	7.421	6.386	130.2E6	169.2E6	457.901	419.814
32)	L7 AR-1260-2	7.678	6.572	380.4E6	495.8E6	1084.059	1009.224
33)	L7 AR-1260-3	8.036	6.725	225.6E6	265.3E6	824.257	563.600 #
34)	L7 AR-1260-4	8.271	7.196	265.0E6	286.5E6	816.926	712.071
35)	L7 AR-1260-5	8.607	7.435	576.0E6	792.3E6	849.181	792.764
36)	L8 AR-1262-1	8.036	6.898	225.6E6	574.9E6	459.623	1612.449 #
37)	L8 AR-1262-2	8.607	7.435	576.0E6	792.3E6	609.854	605.201
38)	L8 AR-1262-3	8.956	7.720	400.7E6	170.7E6	641.859	349.716 #
39)	L8 AR-1262-4	9.010	7.782	200.5E6	670.6E6	434.364	698.006 #
40)	L8 AR-1262-5	9.723	8.281	135.2E6	181.2E6	401.005	418.775
41)	L9 AR-1268-1	8.956	7.720	400.7E6	170.7E6	389.228	124.462 #
42)	L9 AR-1268-2	9.010	7.782	200.5E6	670.6E6	214.046	525.989 #
43)	L9 AR-1268-3	9.257	7.992	19420624	10622934	24.310	9.991 #

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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
44) L9	AR-1268-4	9.723	8.281	135.2E6	181.2E6	385.509	399.448
45) L9	AR-1268-5	10.156	8.584	41139245	44163587	14.951	12.743

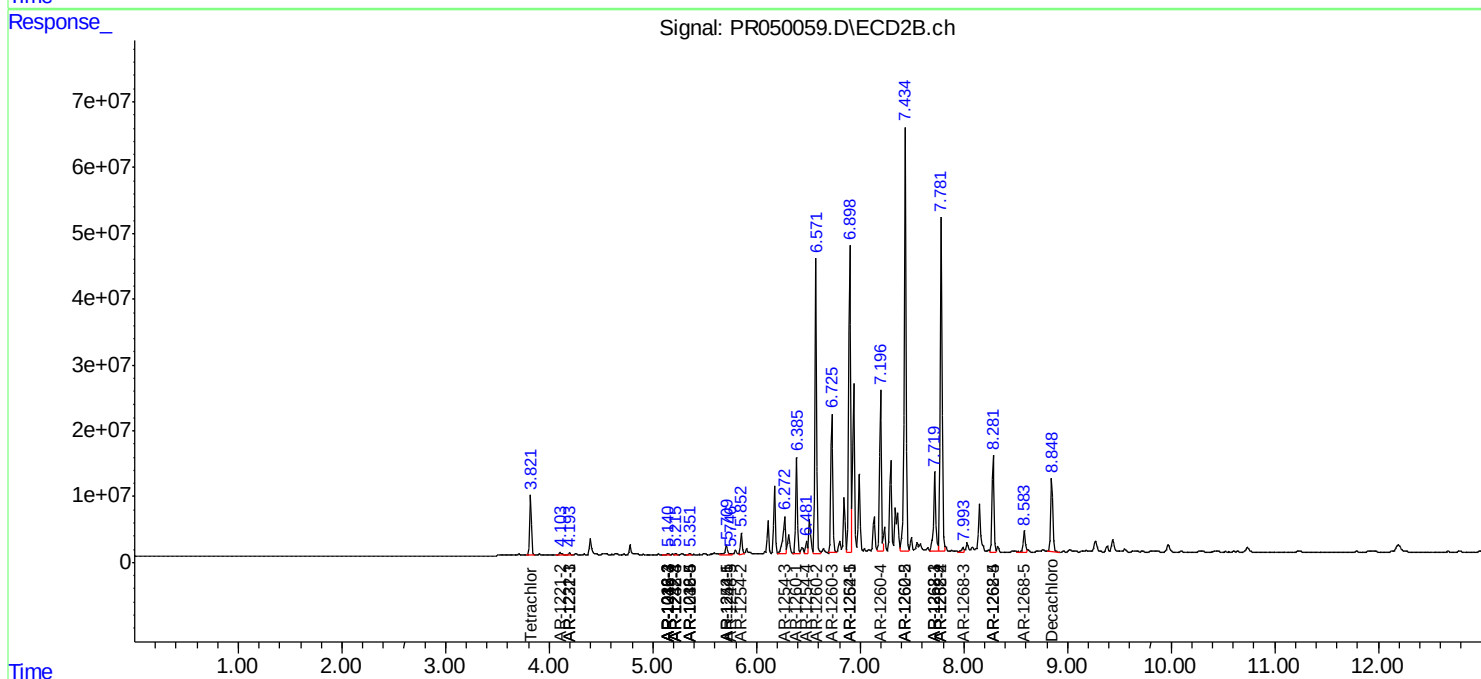
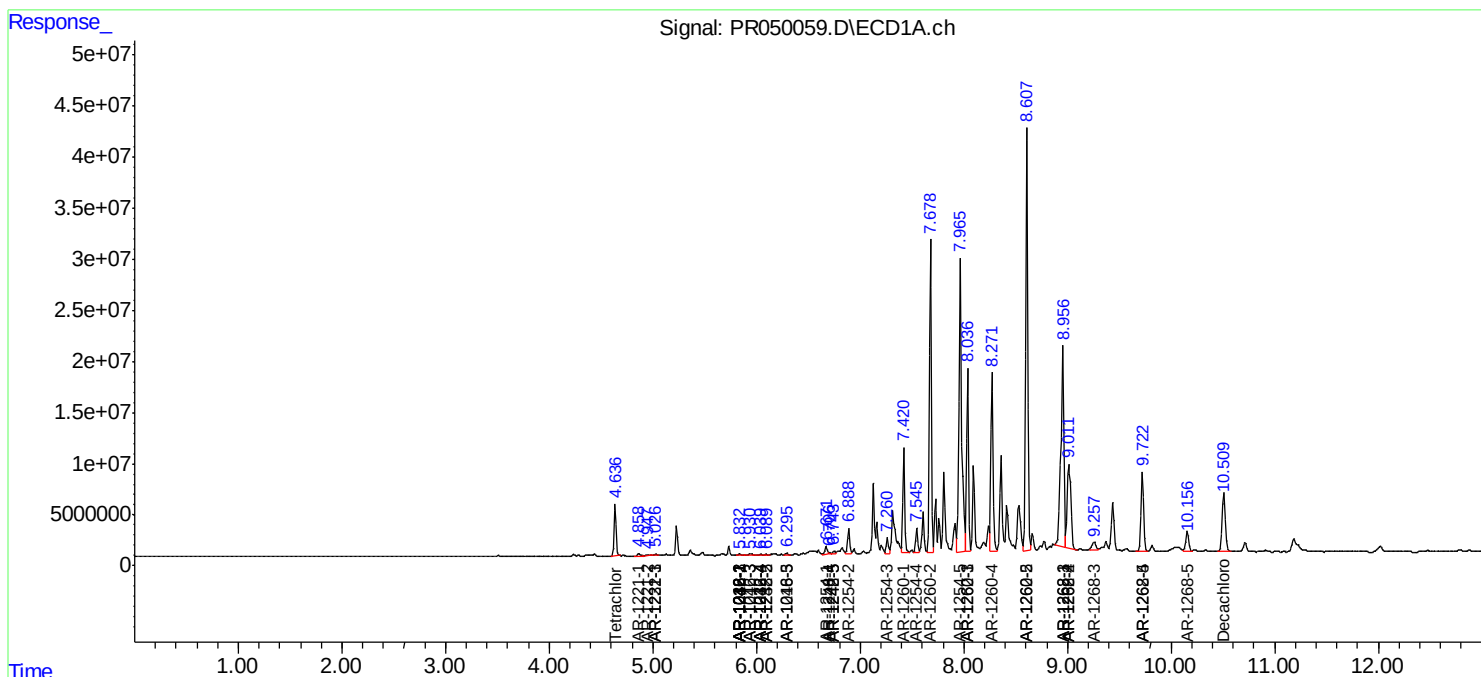
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

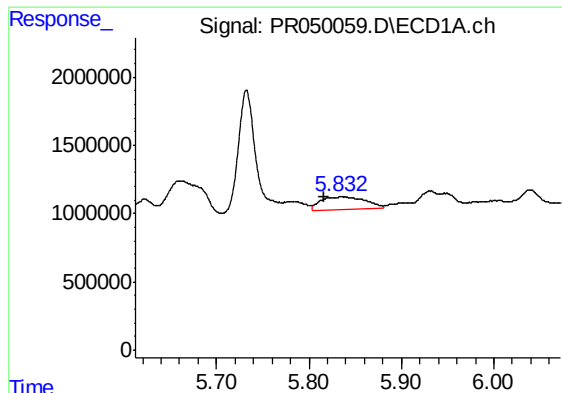
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042021\
Data File : PR050059.D
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

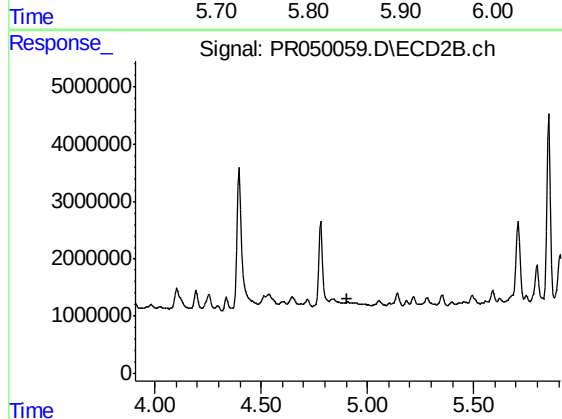




#3 AR-1016-1

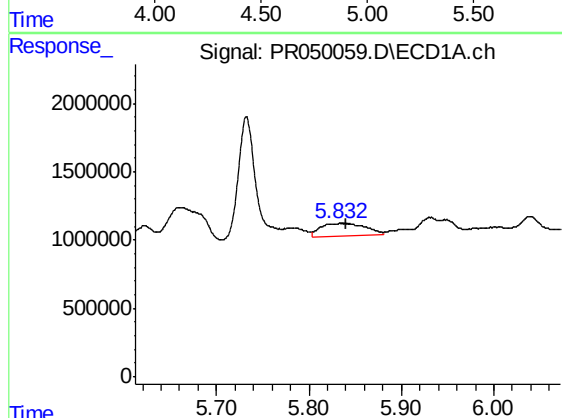
R.T.: 5.837 min
Delta R.T.: 0.020 min
Response: 3233919
Conc: 15.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



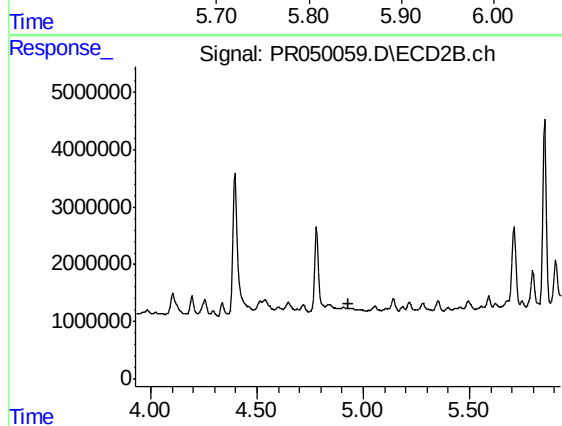
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



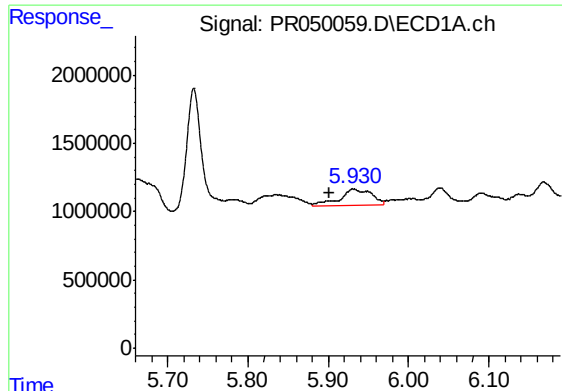
#4 AR-1016-2

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 3233919
Conc: 10.74 ng/ml



#4 AR-1016-2

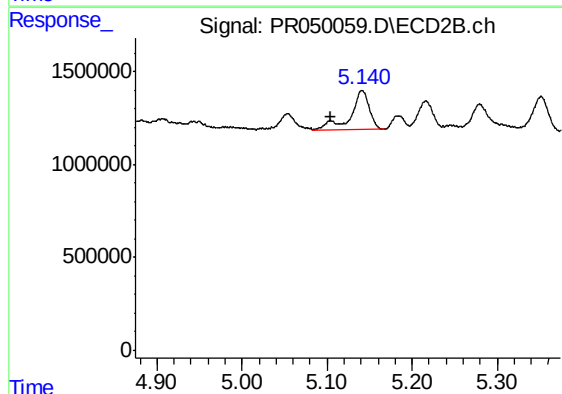
R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#5 AR-1016-3

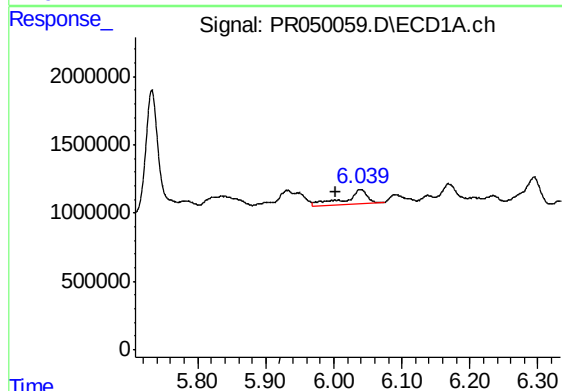
R.T.: 5.931 min
Delta R.T.: 0.029 min
Response: 3265744
Conc: 18.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



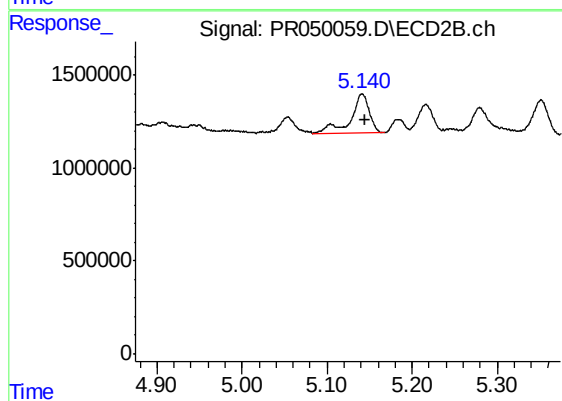
#5 AR-1016-3

R.T.: 5.141 min
Delta R.T.: 0.037 min
Response: 3181243
Conc: 15.21 ng/ml



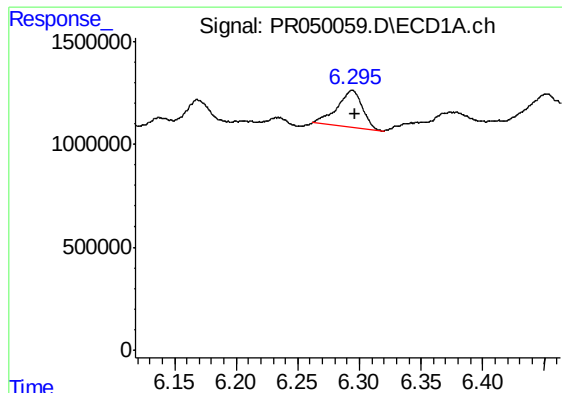
#6 AR-1016-4

R.T.: 6.040 min
Delta R.T.: 0.037 min
Response: 2307466
Conc: 15.21 ng/ml



#6 AR-1016-4

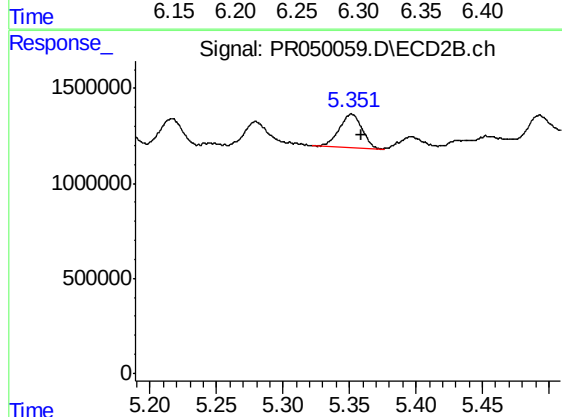
R.T.: 5.141 min
Delta R.T.: -0.003 min
Response: 3181243
Conc: 19.57 ng/ml



#7 AR-1016-5

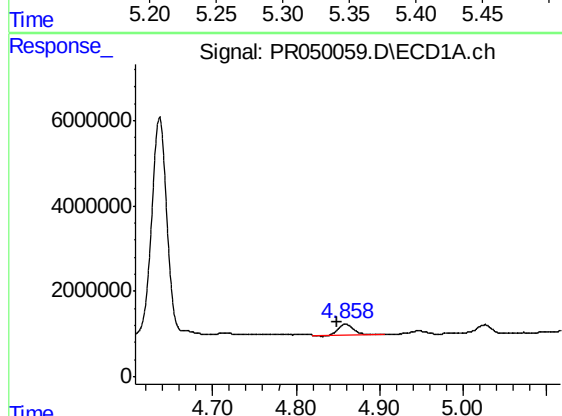
R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 2550303
Conc: 16.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



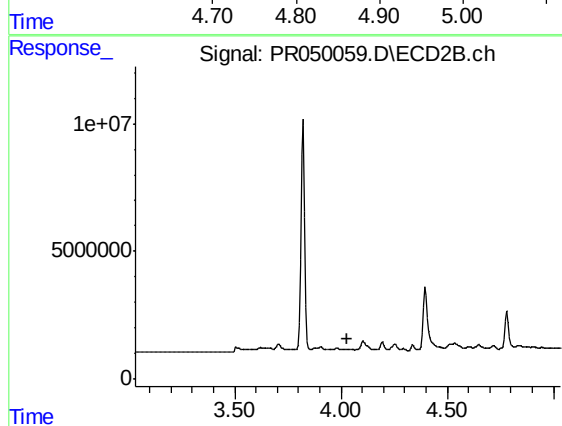
#7 AR-1016-5

R.T.: 5.352 min
Delta R.T.: -0.007 min
Response: 2093740
Conc: 9.67 ng/ml



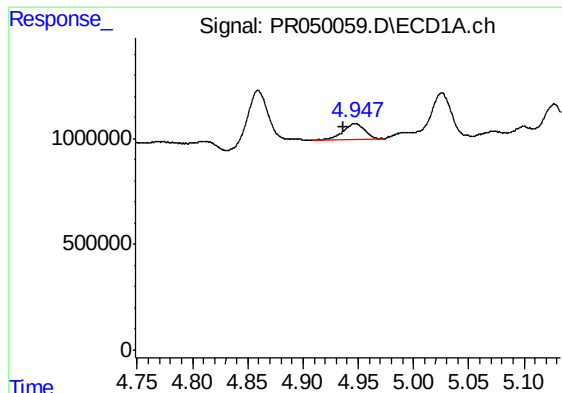
#8 AR-1221-1

R.T.: 4.859 min
Delta R.T.: 0.011 min
Response: 2912718
Conc: 52.79 ng/ml



#8 AR-1221-1

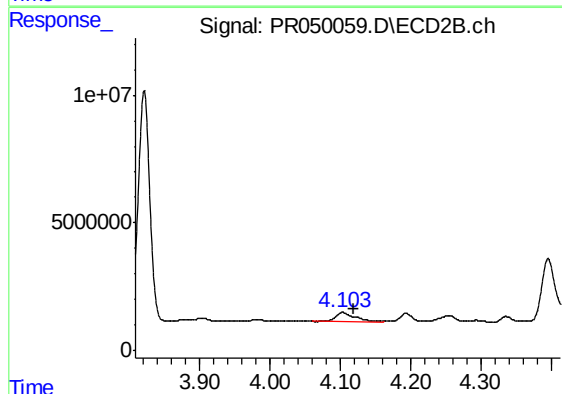
R.T.: 0.000 min
Exp R.T. : 4.033 min
Response: 0
Conc: N.D.



#9 AR-1221-2

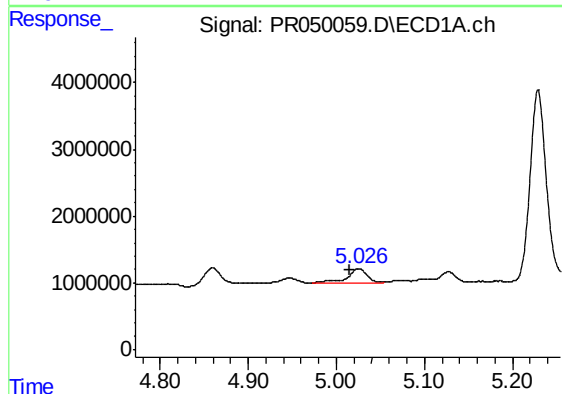
R.T.: 4.947 min
Delta R.T.: 0.010 min
Response: 1115307
Conc: 27.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



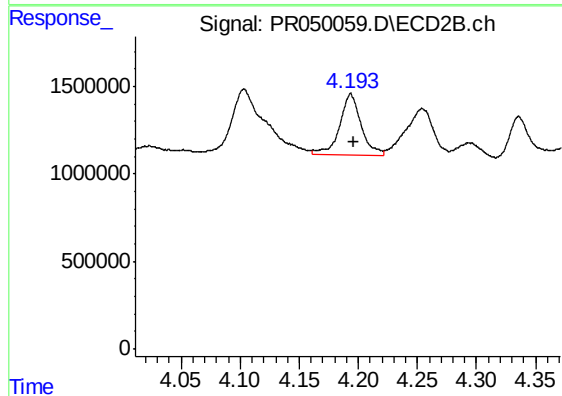
#9 AR-1221-2

R.T.: 4.103 min
Delta R.T.: -0.016 min
Response: 6976388
Conc: 120.02 ng/ml



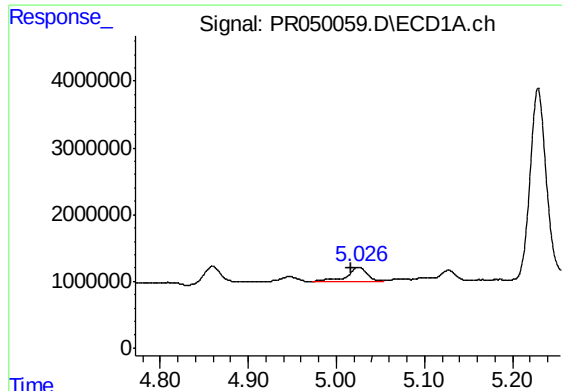
#10 AR-1221-3

R.T.: 5.026 min
Delta R.T.: 0.011 min
Response: 3298306
Conc: 24.62 ng/ml



#10 AR-1221-3

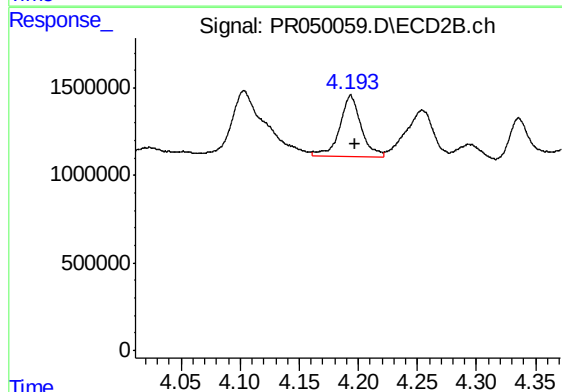
R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 4330611
Conc: 22.04 ng/ml



#11 AR-1232-1

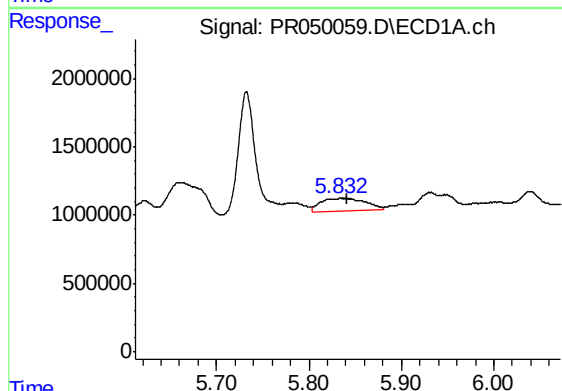
R.T.: 5.026 min
Delta R.T.: 0.009 min
Response: 3298306
Conc: 31.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



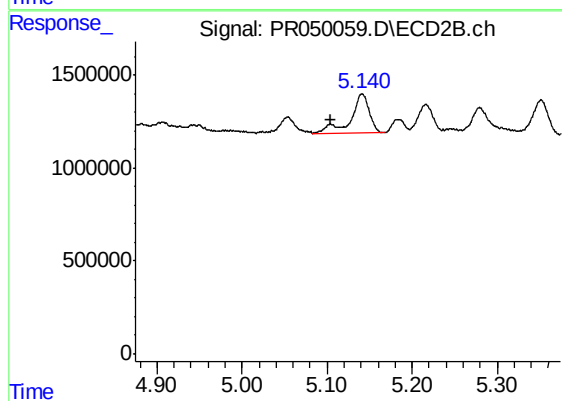
#11 AR-1232-1

R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 4330611
Conc: 28.14 ng/ml



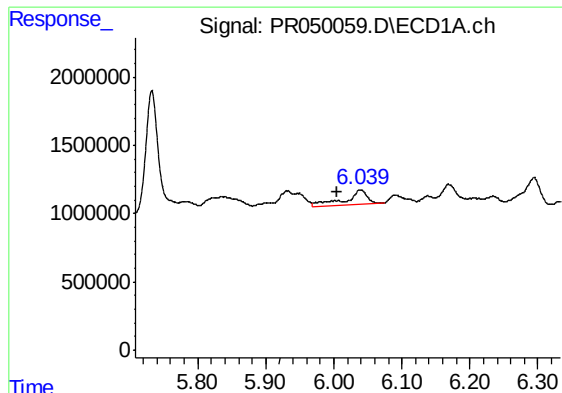
#13 AR-1232-3

R.T.: 5.837 min
Delta R.T.: -0.004 min
Response: 3233919
Conc: 25.78 ng/ml



#13 AR-1232-3

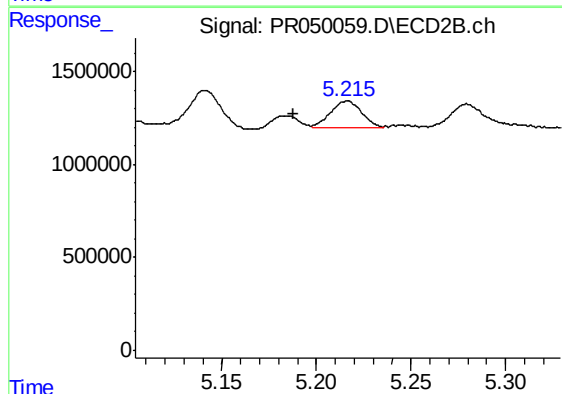
R.T.: 5.141 min
Delta R.T.: 0.037 min
Response: 3181243
Conc: 36.98 ng/ml



#14 AR-1232-4

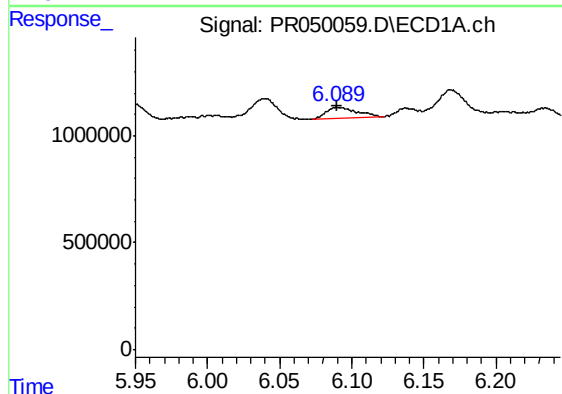
R.T.: 6.040 min
Delta R.T.: 0.036 min
Response: 2307466
Conc: 36.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
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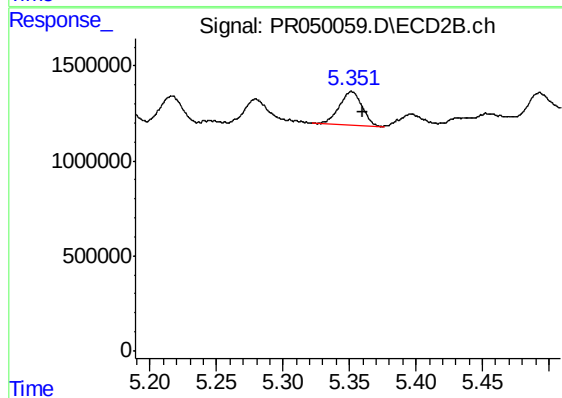
#14 AR-1232-4

R.T.: 5.216 min
Delta R.T.: 0.028 min
Response: 1646208
Conc: 21.93 ng/ml



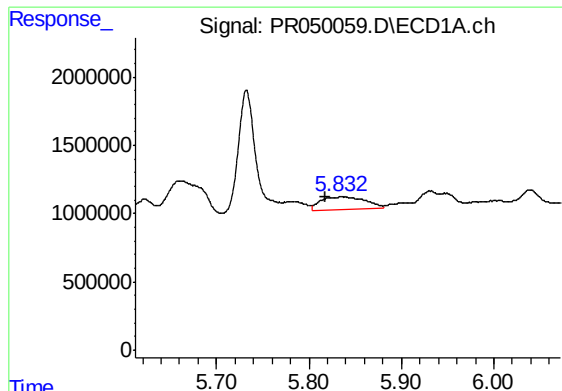
#15 AR-1232-5

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 799783
Conc: 16.07 ng/ml



#15 AR-1232-5

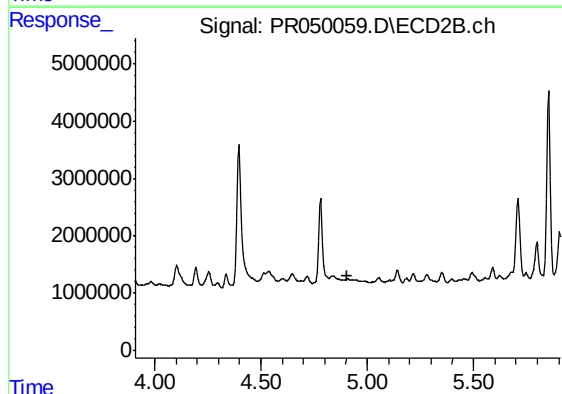
R.T.: 5.352 min
Delta R.T.: -0.008 min
Response: 2093740
Conc: 24.89 ng/ml



#16 AR-1242-1

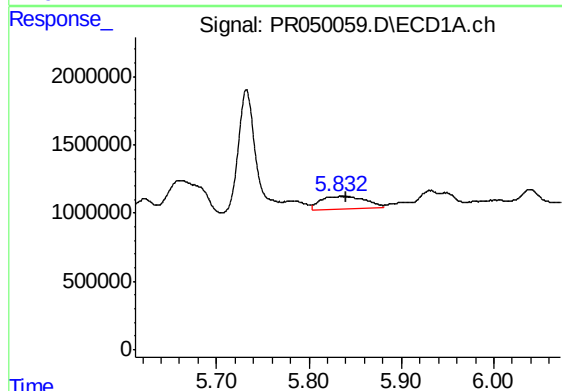
R.T.: 5.837 min
Delta R.T.: 0.019 min
Response: 3233919
Conc: 16.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



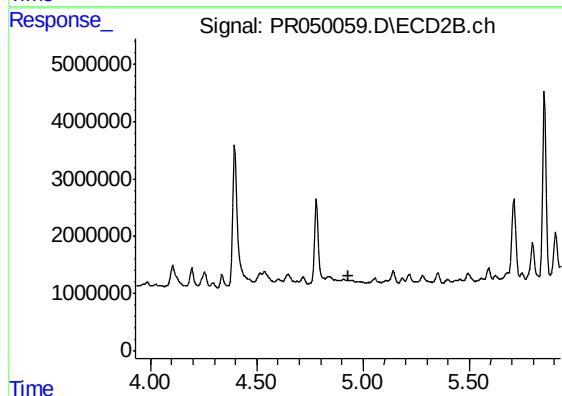
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



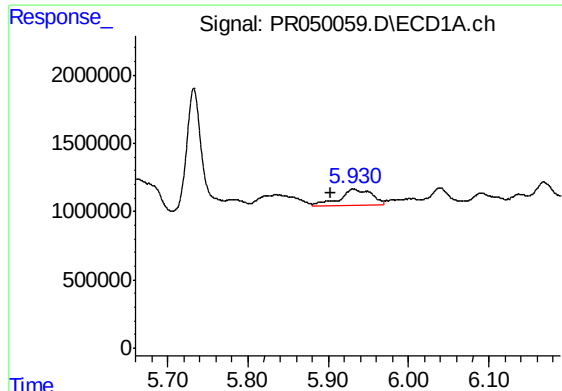
#17 AR-1242-2

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 3233919
Conc: 12.07 ng/ml



#17 AR-1242-2

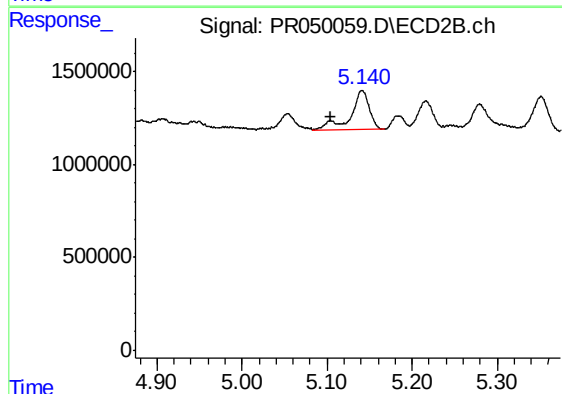
R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#18 AR-1242-3

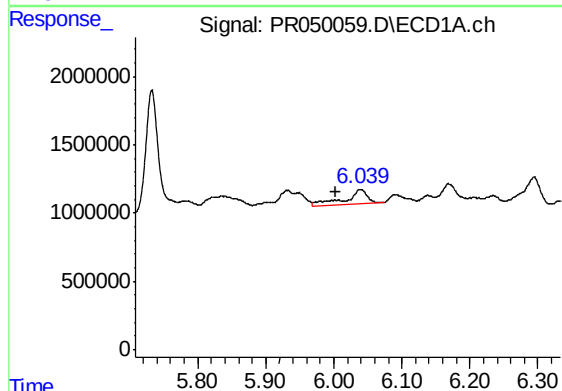
R.T.: 5.931 min
Delta R.T.: 0.029 min
Response: 3265744
Conc: 20.02 ng/ml

Instrument :
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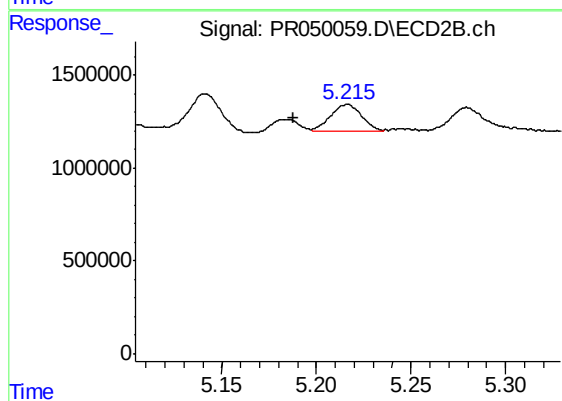
#18 AR-1242-3

R.T.: 5.141 min
Delta R.T.: 0.037 min
Response: 3181243
Conc: 17.02 ng/ml



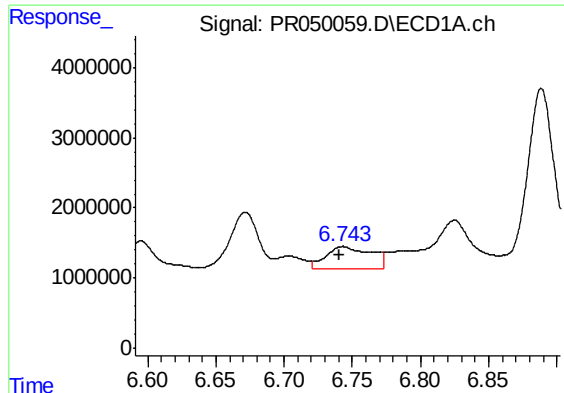
#19 AR-1242-4

R.T.: 6.040 min
Delta R.T.: 0.036 min
Response: 2307466
Conc: 16.97 ng/ml



#19 AR-1242-4

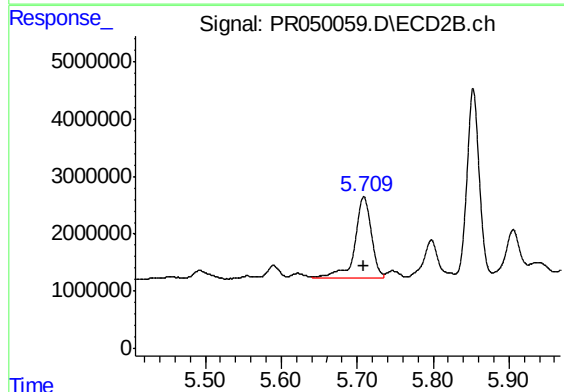
R.T.: 5.216 min
Delta R.T.: 0.029 min
Response: 1646208
Conc: 9.35 ng/ml



#20 AR-1242-5

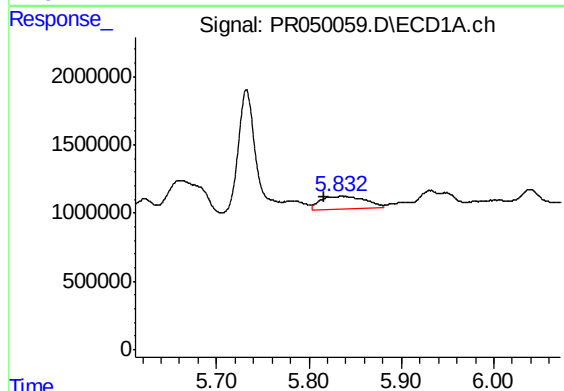
R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 7271996
Conc: 45.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



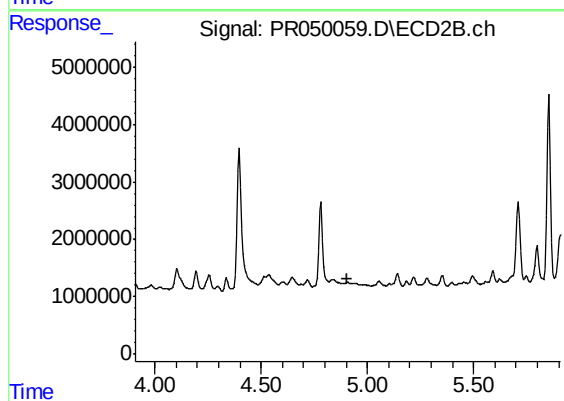
#20 AR-1242-5

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 21638255
Conc: 90.90 ng/ml



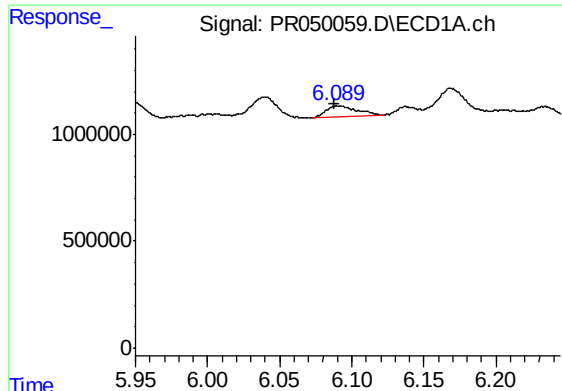
#21 AR-1248-1

R.T.: 5.837 min
Delta R.T.: 0.020 min
Response: 3233919
Conc: 25.22 ng/ml



#21 AR-1248-1

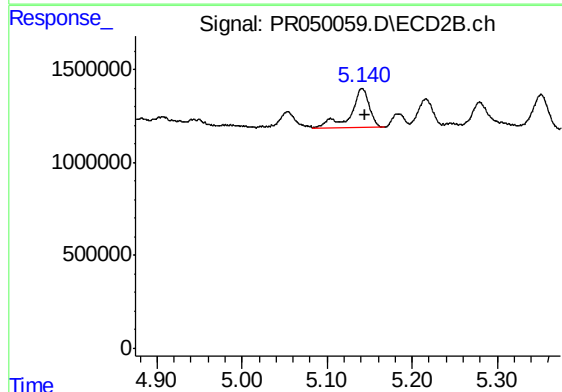
R.T.: 0.000 min
Exp R.T. : 4.908 min
Response: 0
Conc: N.D.



#22 AR-1248-2

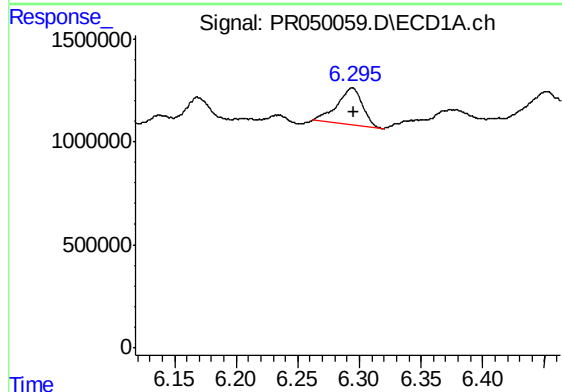
R.T.: 6.089 min
Delta R.T.: 0.001 min
Response: 799783
Conc: 4.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



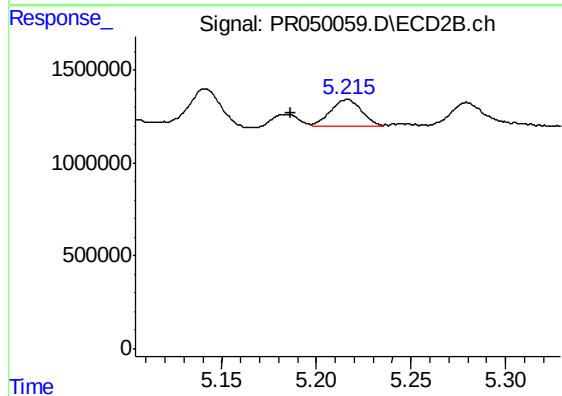
#22 AR-1248-2

R.T.: 5.141 min
Delta R.T.: -0.003 min
Response: 3181243
Conc: 14.15 ng/ml



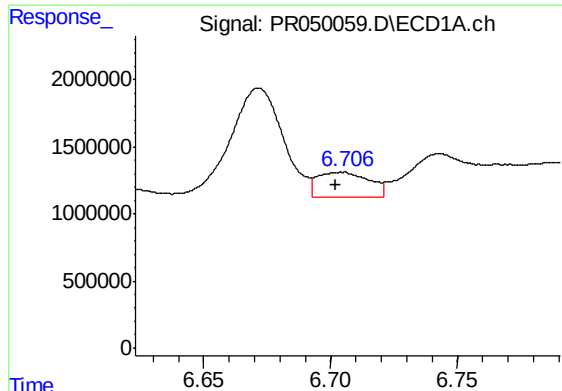
#23 AR-1248-3

R.T.: 6.294 min
Delta R.T.: -0.001 min
Response: 2550303
Conc: 12.21 ng/ml



#23 AR-1248-3

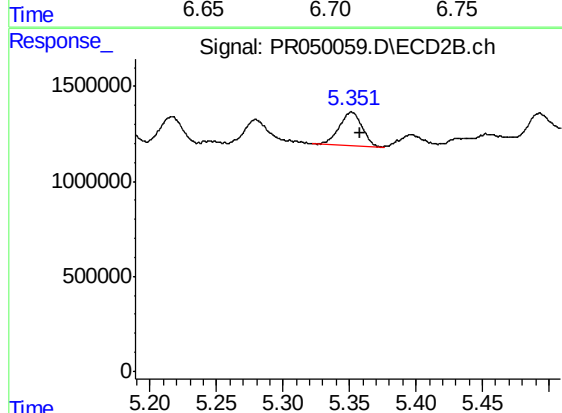
R.T.: 5.216 min
Delta R.T.: 0.030 min
Response: 1646208
Conc: 6.89 ng/ml



#24 AR-1248-4

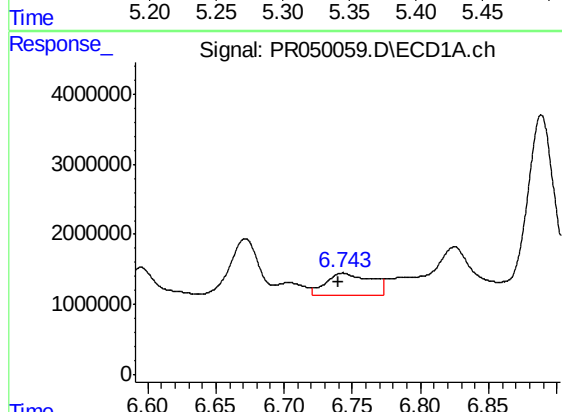
R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 2633957
Conc: 10.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



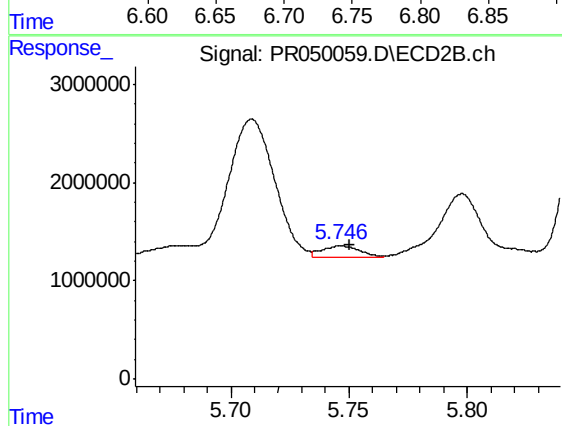
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.007 min
Response: 2093740
Conc: 7.12 ng/ml



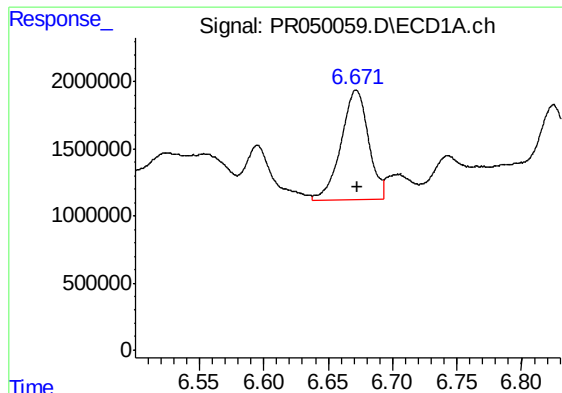
#25 AR-1248-5

R.T.: 6.743 min
Delta R.T.: 0.003 min
Response: 7271996
Conc: 30.04 ng/ml



#25 AR-1248-5

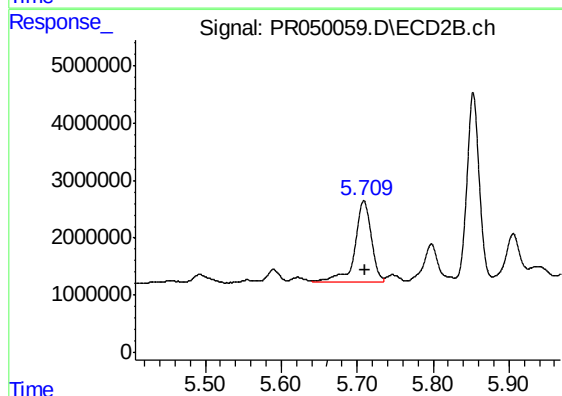
R.T.: 5.747 min
Delta R.T.: -0.003 min
Response: 1377156
Conc: 4.50 ng/ml



#26 AR-1254-1

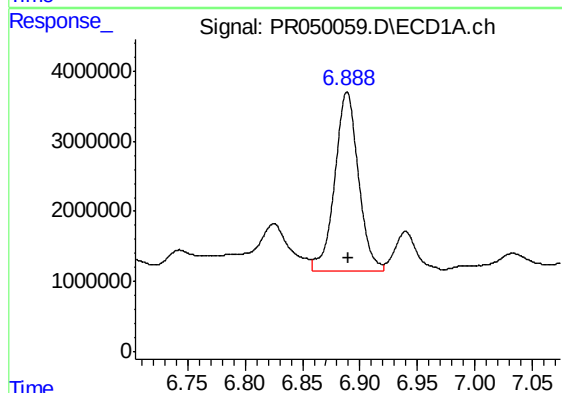
R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 12152086
Conc: 34.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



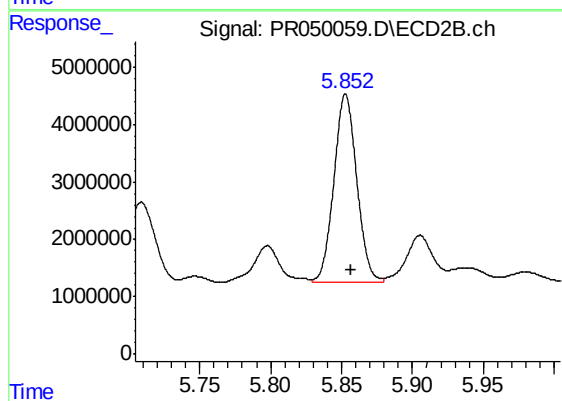
#26 AR-1254-1

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 21638255
Conc: 33.07 ng/ml



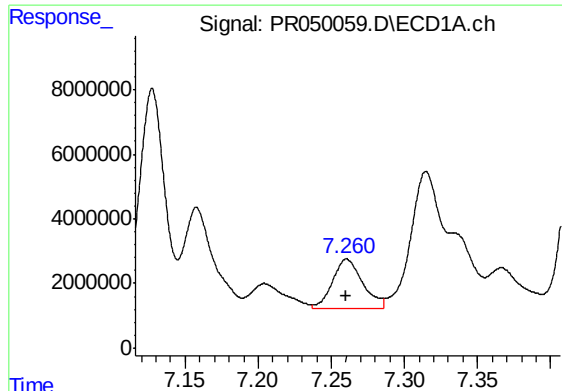
#27 AR-1254-2

R.T.: 6.889 min
Delta R.T.: -0.001 min
Response: 36440081
Conc: 65.57 ng/ml



#27 AR-1254-2

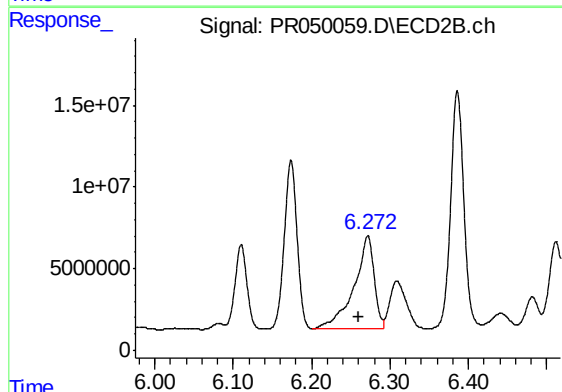
R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 36920213
Conc: 65.66 ng/ml



#28 AR-1254-3

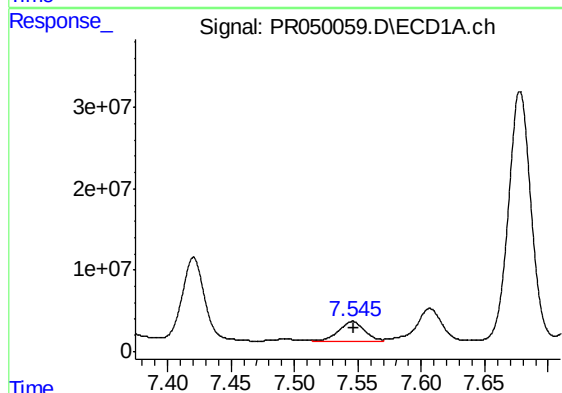
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 22043699
Conc: 35.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



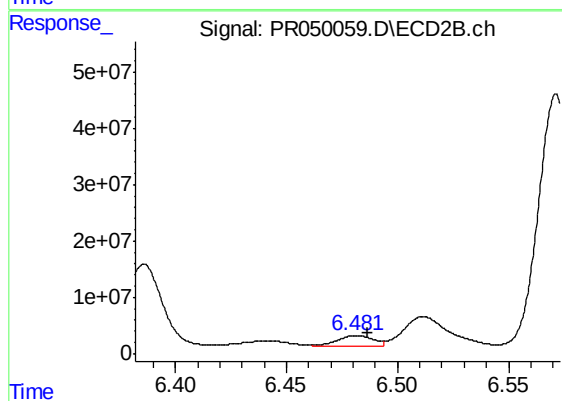
#28 AR-1254-3

R.T.: 6.272 min
Delta R.T.: 0.012 min
Response: 101745176
Conc: 103.38 ng/ml



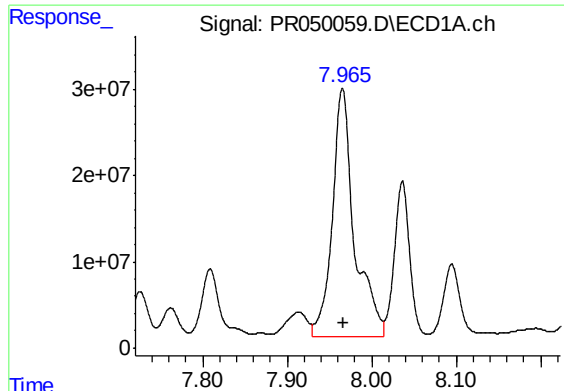
#29 AR-1254-4

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 34069469
Conc: 70.90 ng/ml



#29 AR-1254-4

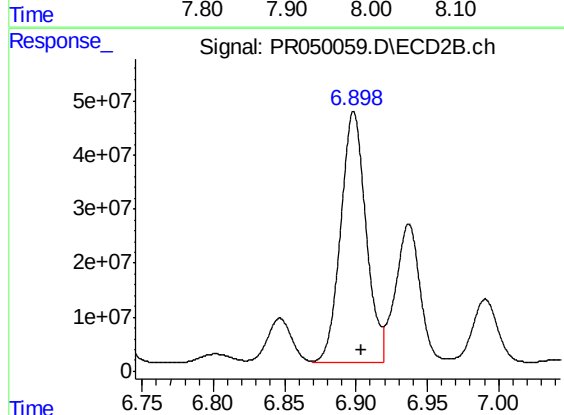
R.T.: 6.482 min
Delta R.T.: -0.005 min
Response: 20706284
Conc: 34.27 ng/ml



#30 AR-1254-5

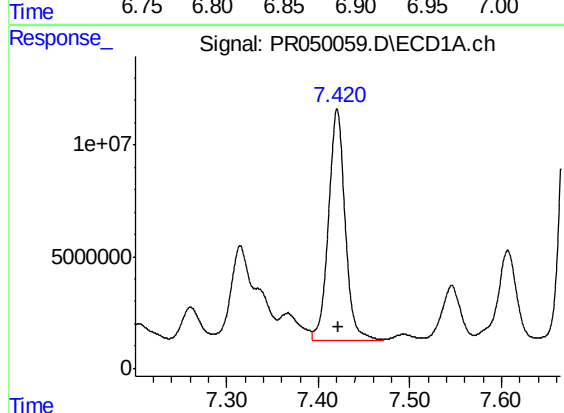
R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 517831231
Conc: 968.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



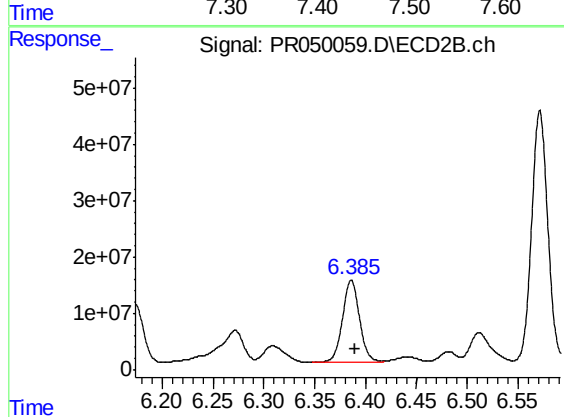
#30 AR-1254-5

R.T.: 6.898 min
Delta R.T.: -0.005 min
Response: 574928090
Conc: 659.78 ng/ml



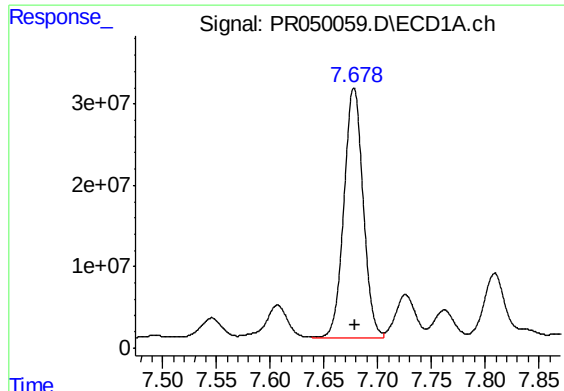
#31 AR-1260-1

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 130204224
Conc: 457.90 ng/ml



#31 AR-1260-1

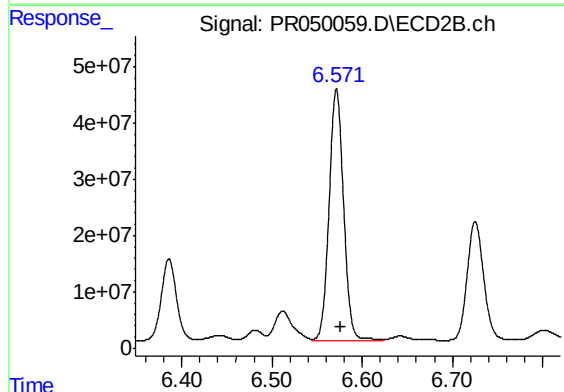
R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 169180634
Conc: 419.81 ng/ml



#32 AR-1260-2

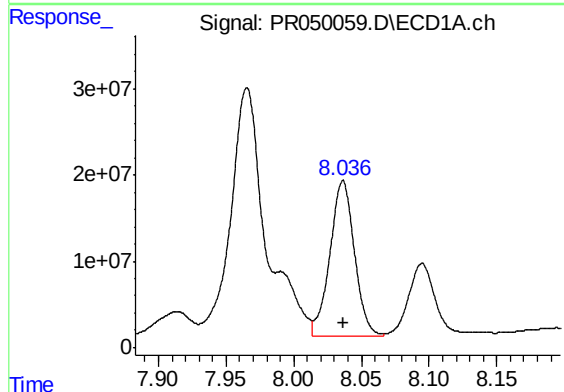
R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 380356604
Conc: 1084.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



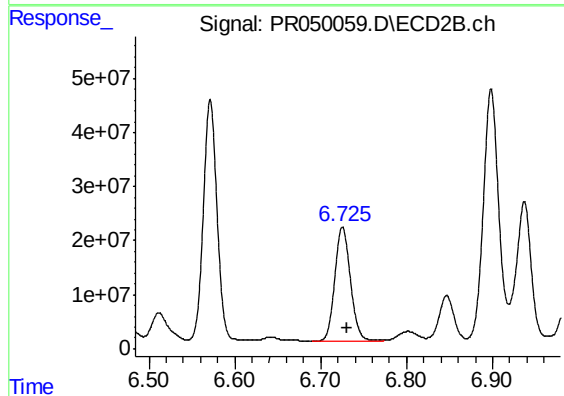
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: -0.005 min
Response: 495808391
Conc: 1009.22 ng/ml



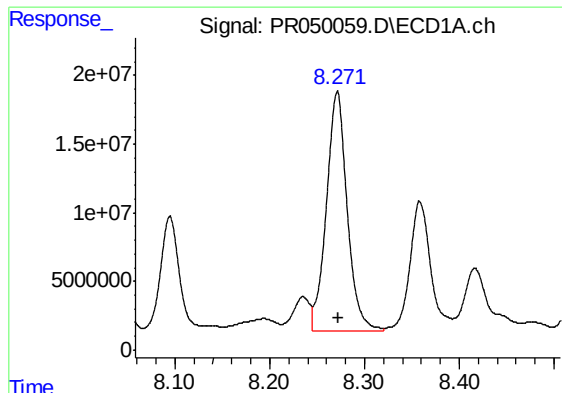
#33 AR-1260-3

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 225599619
Conc: 824.26 ng/ml



#33 AR-1260-3

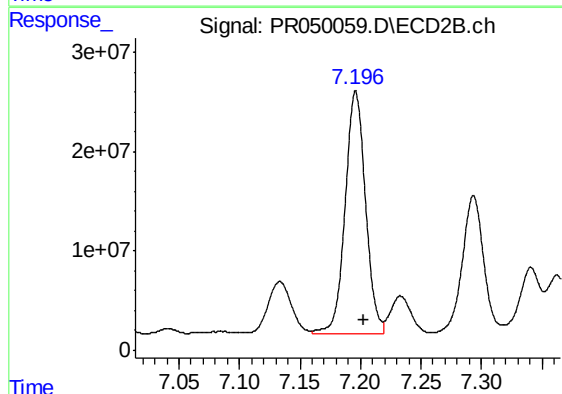
R.T.: 6.725 min
Delta R.T.: -0.006 min
Response: 265265945
Conc: 563.60 ng/ml



#34 AR-1260-4

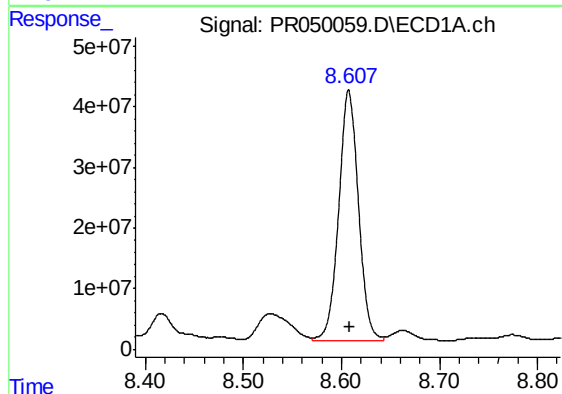
R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 265000092
Conc: 816.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



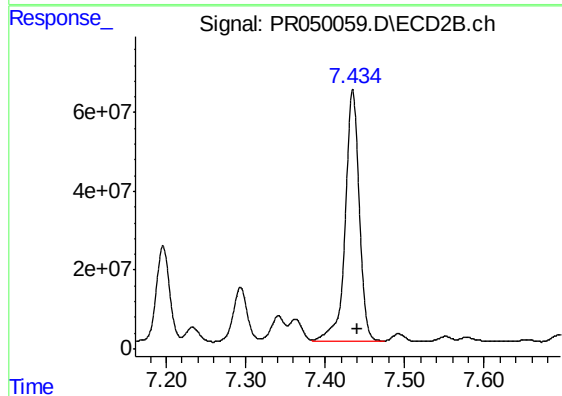
#34 AR-1260-4

R.T.: 7.196 min
Delta R.T.: -0.006 min
Response: 286458903
Conc: 712.07 ng/ml



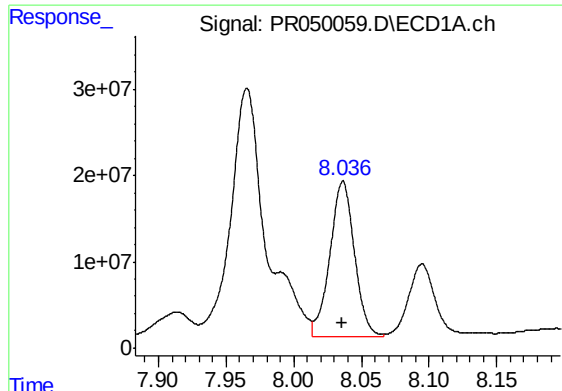
#35 AR-1260-5

R.T.: 8.607 min
Delta R.T.: -0.001 min
Response: 575962147
Conc: 849.18 ng/ml



#35 AR-1260-5

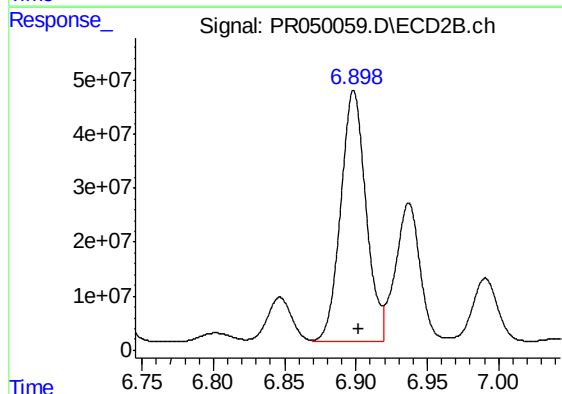
R.T.: 7.435 min
Delta R.T.: -0.007 min
Response: 792257295
Conc: 792.76 ng/ml



#36 AR-1262-1

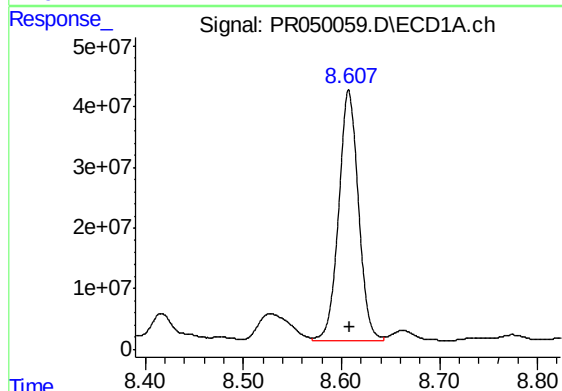
R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 225599619
Conc: 459.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



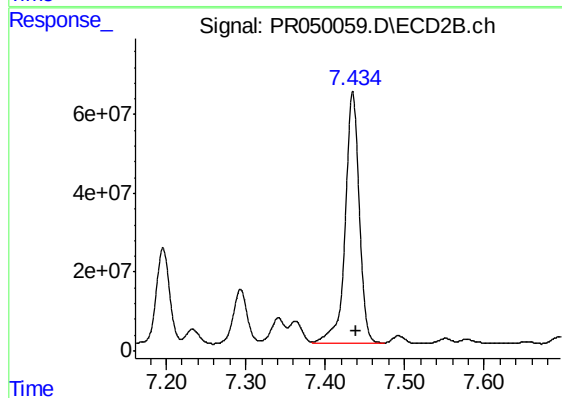
#36 AR-1262-1

R.T.: 6.898 min
Delta R.T.: -0.003 min
Response: 574928090
Conc: 1612.45 ng/ml



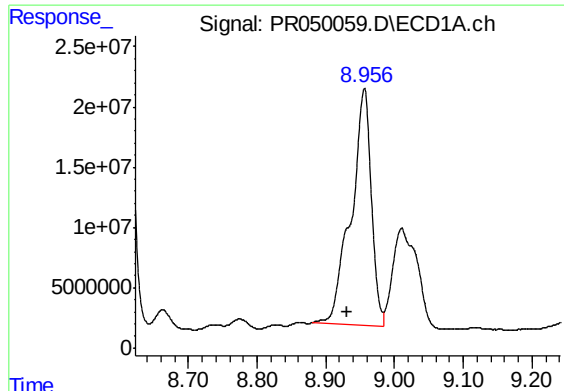
#37 AR-1262-2

R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 575962147
Conc: 609.85 ng/ml



#37 AR-1262-2

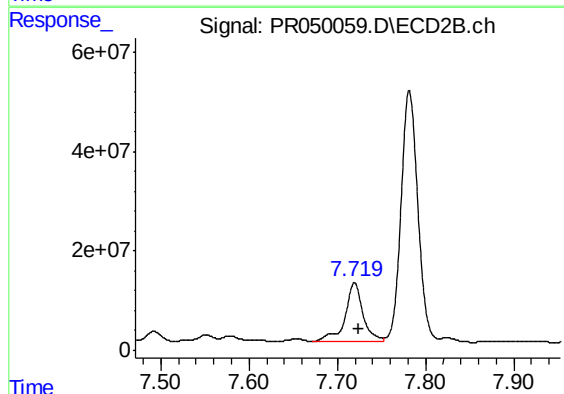
R.T.: 7.435 min
Delta R.T.: -0.005 min
Response: 792257295
Conc: 605.20 ng/ml



#38 AR-1262-3

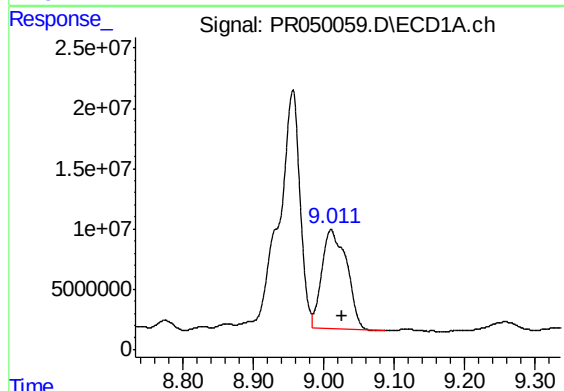
R.T.: 8.956 min
Delta R.T.: 0.026 min
Response: 400717849
Conc: 641.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



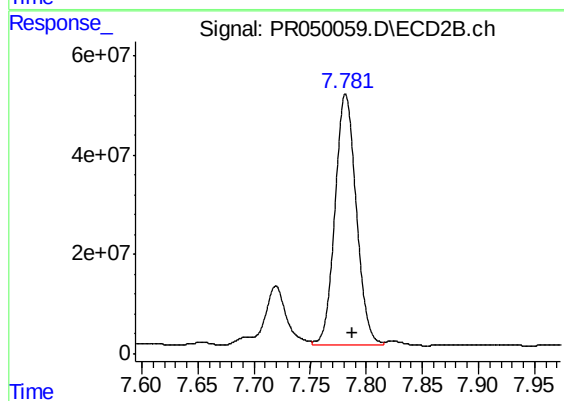
#38 AR-1262-3

R.T.: 7.720 min
Delta R.T.: -0.005 min
Response: 170698598
Conc: 349.72 ng/ml



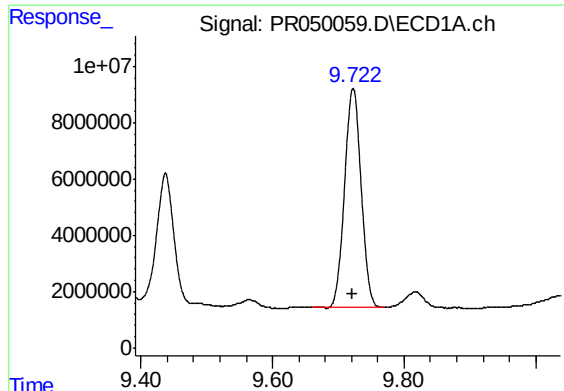
#39 AR-1262-4

R.T.: 9.010 min
Delta R.T.: -0.017 min
Response: 200476584
Conc: 434.36 ng/ml



#39 AR-1262-4

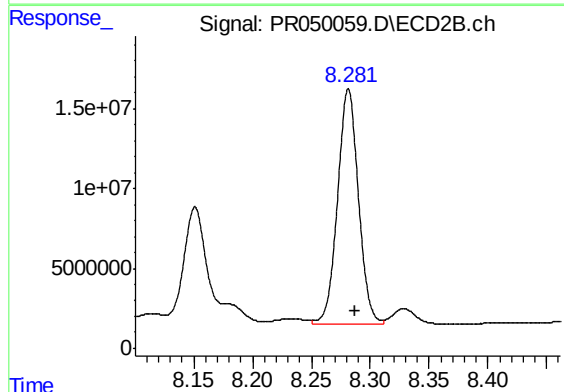
R.T.: 7.782 min
Delta R.T.: -0.007 min
Response: 670636343
Conc: 698.01 ng/ml



#40 AR-1262-5

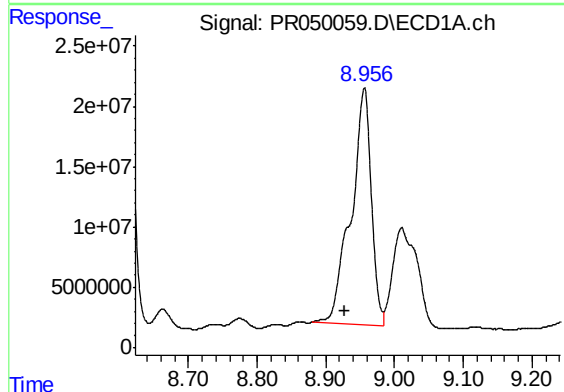
R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 135174858
Conc: 401.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



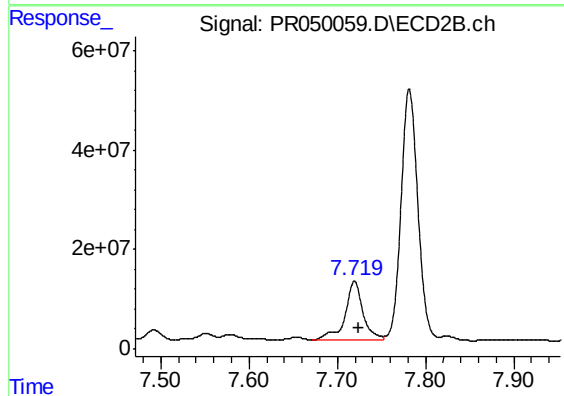
#40 AR-1262-5

R.T.: 8.281 min
Delta R.T.: -0.005 min
Response: 181229856
Conc: 418.78 ng/ml



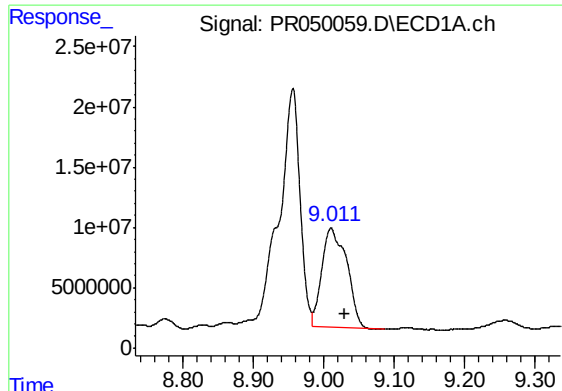
#41 AR-1268-1

R.T.: 8.956 min
Delta R.T.: 0.028 min
Response: 400717849
Conc: 389.23 ng/ml



#41 AR-1268-1

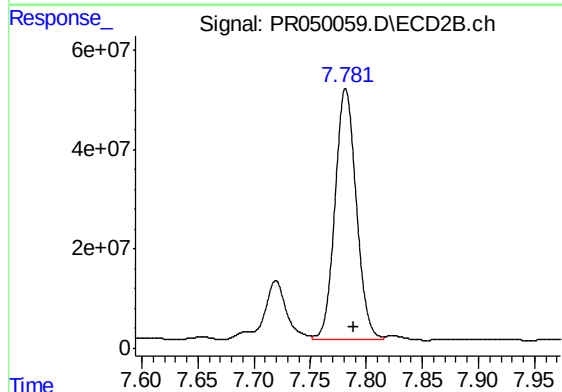
R.T.: 7.720 min
Delta R.T.: -0.005 min
Response: 170698598
Conc: 124.46 ng/ml



#42 AR-1268-2

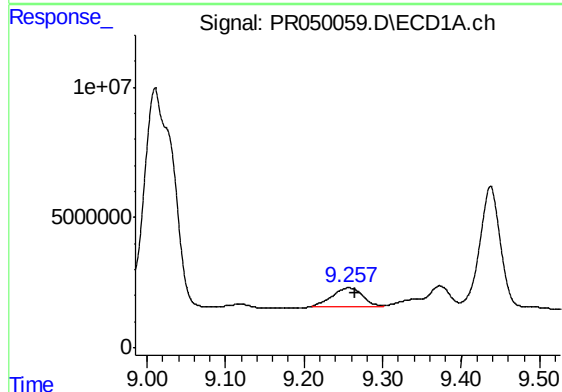
R.T.: 9.010 min
Delta R.T.: -0.019 min
Response: 200476584
Conc: 214.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



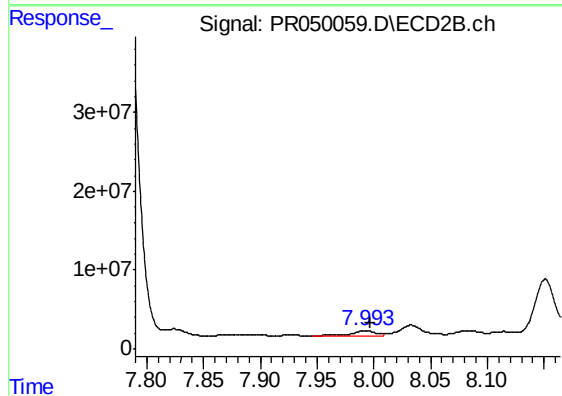
#42 AR-1268-2

R.T.: 7.782 min
Delta R.T.: -0.007 min
Response: 670636343
Conc: 525.99 ng/ml



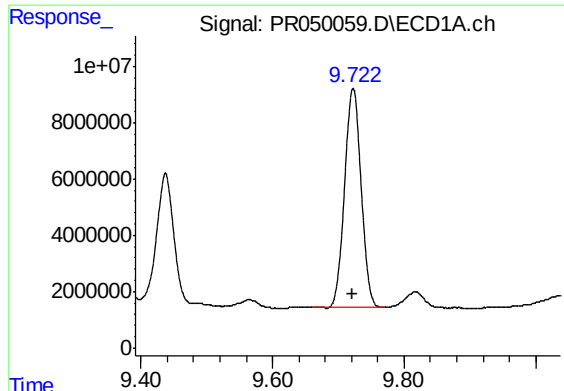
#43 AR-1268-3

R.T.: 9.257 min
Delta R.T.: -0.008 min
Response: 19420624
Conc: 24.31 ng/ml



#43 AR-1268-3

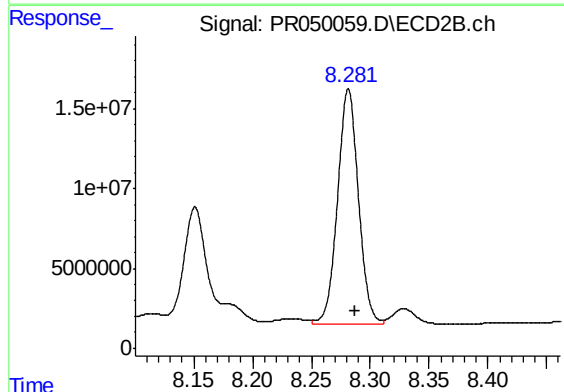
R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 10622934
Conc: 9.99 ng/ml



#44 AR-1268-4

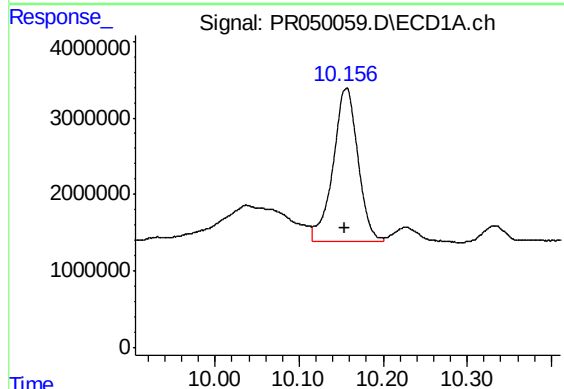
R.T.: 9.723 min
Delta R.T.: 0.001 min
Response: 135174858
Conc: 385.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4315



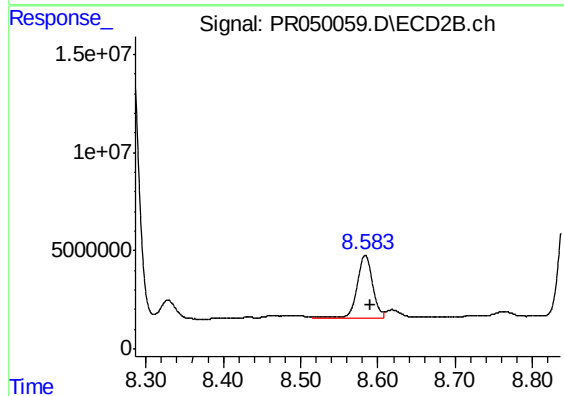
#44 AR-1268-4

R.T.: 8.281 min
Delta R.T.: -0.005 min
Response: 181229856
Conc: 399.45 ng/ml



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.002 min
Response: 41139245
Conc: 14.95 ng/ml



#45 AR-1268-5

R.T.: 8.584 min
Delta R.T.: -0.007 min
Response: 44163587
Conc: 12.74 ng/ml