

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102522\
 Data File : PR057654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 12:17
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:31:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 24 18:17:24 2022
 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...	3.692	2.924	111.4E6	103.9E6	53.028	51.615
2)	SA Decachlor...	9.633	8.183	111.0E6	123.5E6	50.184	52.292
Target Compounds							
3)	L1 AR-1016-1	4.920	4.040	39333643	32314892	505.013	502.144
4)	L1 AR-1016-2	4.942	4.058	53853294	49027080	509.099	510.386
5)	L1 AR-1016-3	5.008	4.236	34479399	27084124	509.316	509.123
6)	L1 AR-1016-4	5.110	4.288	28677379	17276676	513.856	501.339
7)	L1 AR-1016-5	5.428	4.504	32650626	26348378	530.763	527.955
8)	L2 AR-1221-1	3.909	3.149	4459594	3259512	156.460	142.590
9)	L2 AR-1221-2	4.003	3.235	6296054	4958450	303.101	276.973
10)	L2 AR-1221-3	4.081	3.312	21842652	17984469	362.207	333.688
11)	L3 AR-1232-1	4.081	3.312	21842652	17984469	473.295	438.837
12)	L3 AR-1232-2	4.634	4.058	27999675	49027080	1042.152	1122.776
13)	L3 AR-1232-3	4.942	4.236	53853294	27084124	1086.549	1109.489
14)	L3 AR-1232-4	5.110	4.328	28677379	16904171	1111.492	916.941
15)	L3 AR-1232-5	5.214	4.504	23500968	26348378	1218.792	1189.728
16)	L4 AR-1242-1	4.920	4.040	39333643	32314892	640.470	645.851
17)	L4 AR-1242-2	4.942	4.058	53853294	49027080	652.005	656.063
18)	L4 AR-1242-3	5.008	4.236	34479399	27084124	648.620	651.374
19)	L4 AR-1242-4	5.110	4.328	28677379	16904171	654.018	487.039 #
20)	L4 AR-1242-5	5.903	4.874	8494423	21921420	134.836	453.174 #
21)	L5 AR-1248-1	4.920	4.040	39333643	32314892	854.712	849.336
22)	L5 AR-1248-2	5.214	4.288	23500968	17276676	382.004	364.630
23)	L5 AR-1248-3	5.428	4.328	32650626	16904171	407.668	338.483
24)	L5 AR-1248-4	5.868	4.504	2752352	26348378	26.038	408.926 #
25)	L5 AR-1248-5	5.903	4.901f	8494423	13818409	81.393	200.650 #
26)	L6 AR-1254-1	5.833	4.874	37361868	21921420	342.553	226.649 #
27)	L6 AR-1254-2	6.072	5.033	33285151	20899212	184.806	247.820 #
28)	L6 AR-1254-3	6.464	5.455	20466129	9909288	101.754	67.238 #
29)	L6 AR-1254-4	6.779	5.699	10066407	3578949	64.935	37.841 #
30)	L6 AR-1254-5	7.232	6.145	113.3E6	77768141	670.642	552.576
31)	L7 AR-1260-1	6.645	5.594	80367011	49839618	500.224	506.368
32)	L7 AR-1260-2	6.929	5.799	99225972	60457396	510.671	507.475
33)	L7 AR-1260-3	7.319	5.957	65214888	59795503	503.596	508.052
34)	L7 AR-1260-4	7.563	6.465	75923188	48180043	503.377	516.549
35)	L7 AR-1260-5	7.902	6.729	141.8E6	120.7E6	506.084	515.905
36)	L8 AR-1262-1	7.319	6.190	65214888	47874357	338.945	366.227
37)	L8 AR-1262-2	7.902	6.465	141.8E6	48180043	437.135	385.389
38)	L8 AR-1262-3	8.217	7.035	87623224	25884957	418.474	253.913 #
39)	L8 AR-1262-4	8.297	7.101	21950152	91257147	262.806	441.935 #
40)	L8 AR-1262-5	8.926	7.641	33004536	31066912	322.172	317.525
41)	L9 AR-1268-1	8.217	7.035	87623224	25884957	244.840	82.736 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

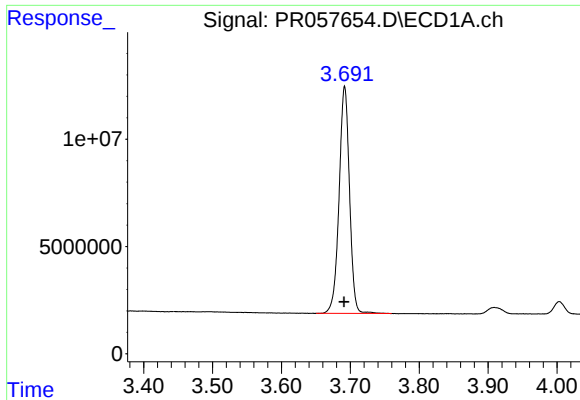
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 23:31:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102422.M
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 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	8.297	7.101	21950152	91257147	68.721	285.478 #
43) L9	AR-1268-3	8.520	7.328	2564005	2256597	9.757	8.287
44) L9	AR-1268-4	8.926	7.641	33004536	31066912	291.283	284.036
45) L9	AR-1268-5	9.317	7.937	10000155	10739027	12.580	10.806

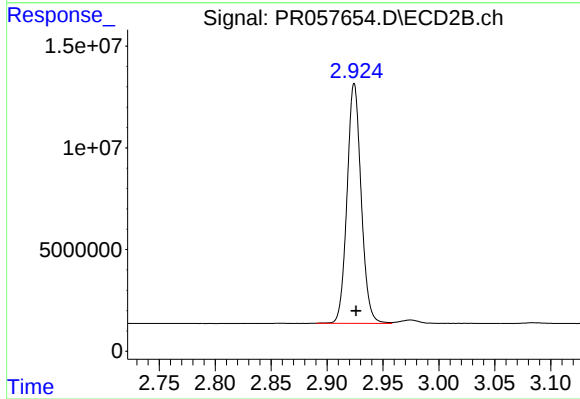
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

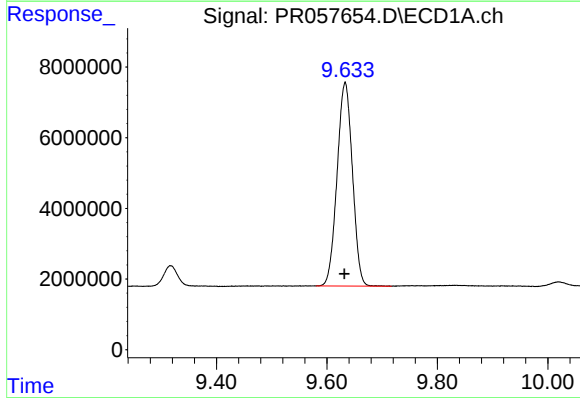
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 111384409
Conc: 53.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



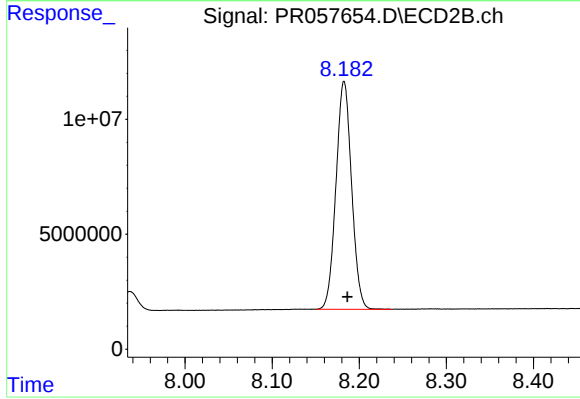
#1 Tetrachloro-m-xylene

R.T.: 2.924 min
Delta R.T.: -0.002 min
Response: 103854361
Conc: 51.61 ng/ml



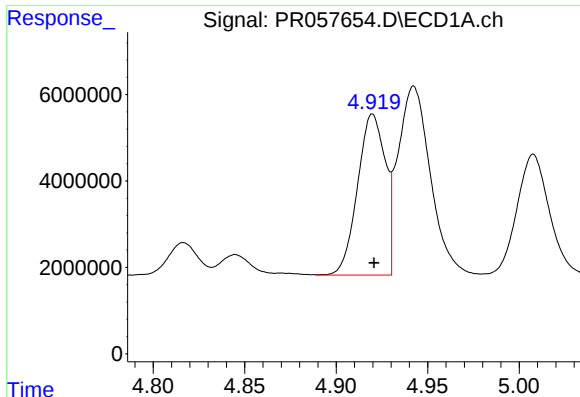
#2 Decachlorobiphenyl

R.T.: 9.633 min
Delta R.T.: 0.002 min
Response: 110954522
Conc: 50.18 ng/ml



#2 Decachlorobiphenyl

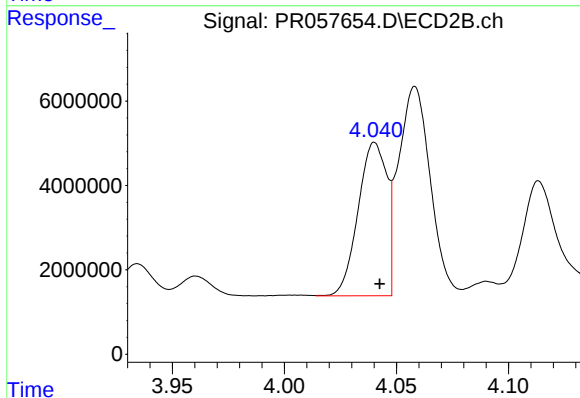
R.T.: 8.183 min
Delta R.T.: -0.004 min
Response: 123461648
Conc: 52.29 ng/ml



#3 AR-1016-1

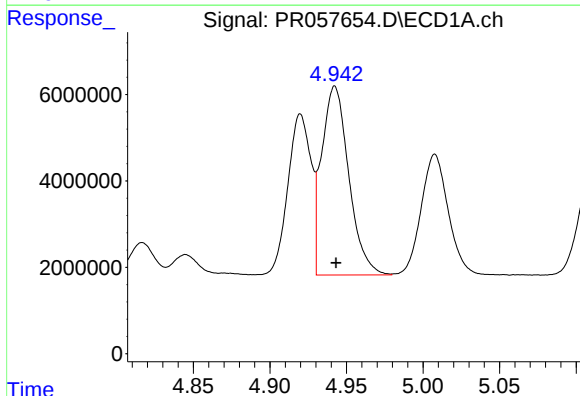
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 39333643
Conc: 505.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



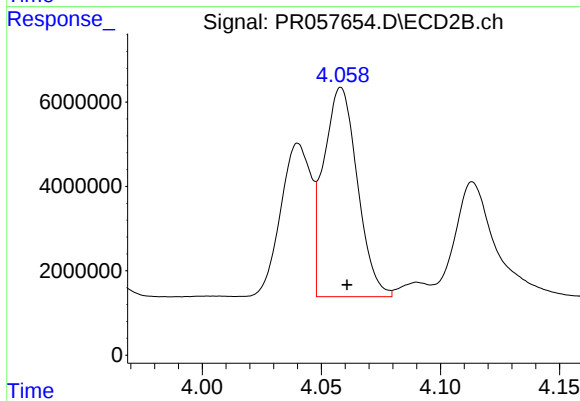
#3 AR-1016-1

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 32314892
Conc: 502.14 ng/ml



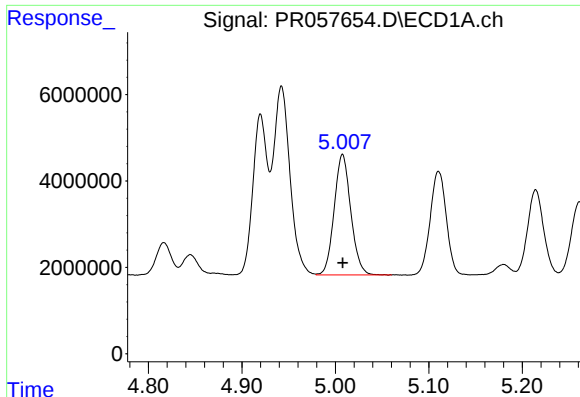
#4 AR-1016-2

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 53853294
Conc: 509.10 ng/ml



#4 AR-1016-2

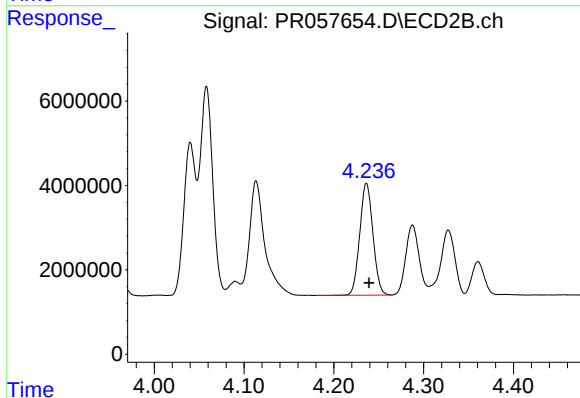
R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 49027080
Conc: 510.39 ng/ml



#5 AR-1016-3

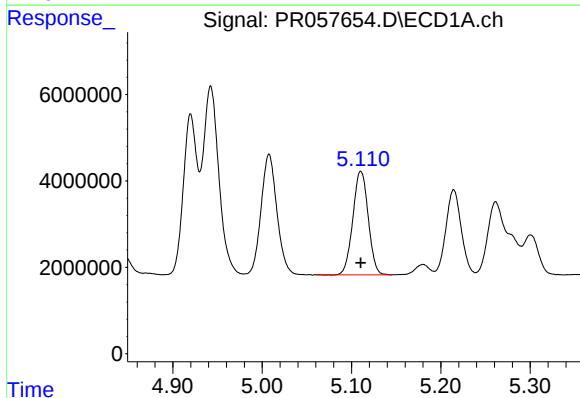
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 34479399
Conc: 509.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



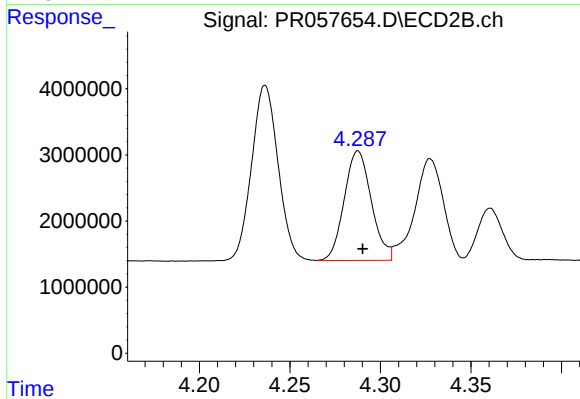
#5 AR-1016-3

R.T.: 4.236 min
Delta R.T.: -0.003 min
Response: 27084124
Conc: 509.12 ng/ml



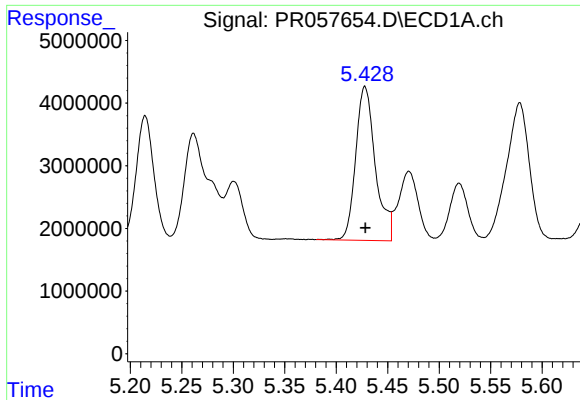
#6 AR-1016-4

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 28677379
Conc: 513.86 ng/ml



#6 AR-1016-4

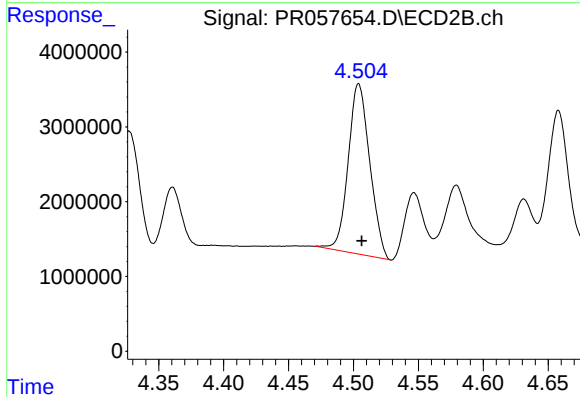
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 17276676
Conc: 501.34 ng/ml



#7 AR-1016-5

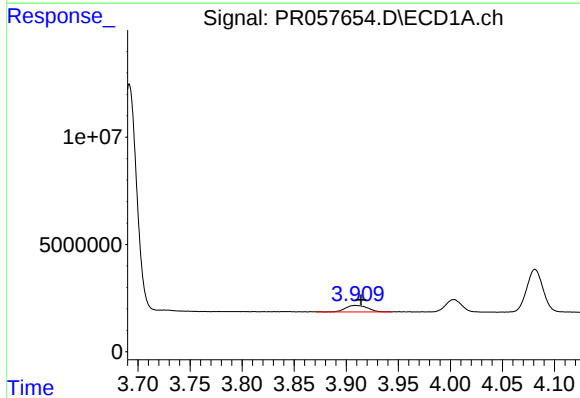
R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 32650626
Conc: 530.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



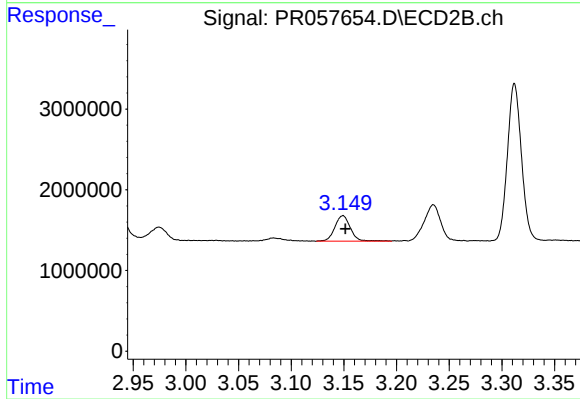
#7 AR-1016-5

R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 26348378
Conc: 527.95 ng/ml



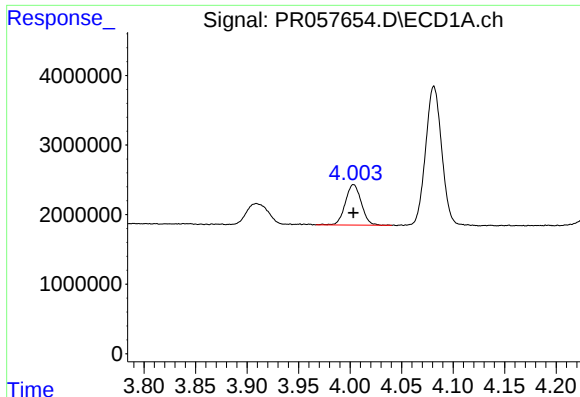
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: -0.005 min
Response: 4459594
Conc: 156.46 ng/ml



#8 AR-1221-1

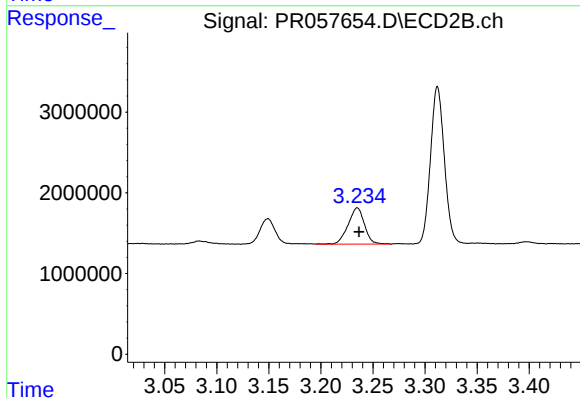
R.T.: 3.149 min
Delta R.T.: -0.002 min
Response: 3259512
Conc: 142.59 ng/ml



#9 AR-1221-2

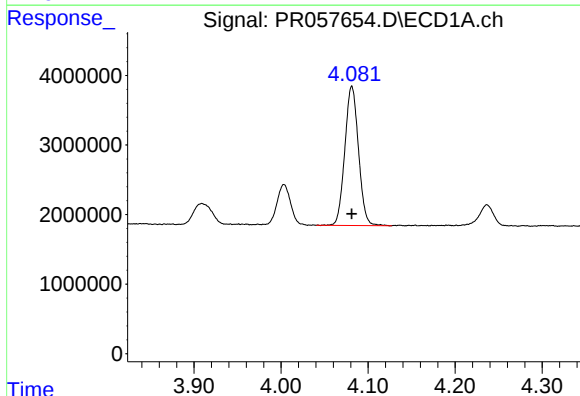
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 6296054
Conc: 303.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



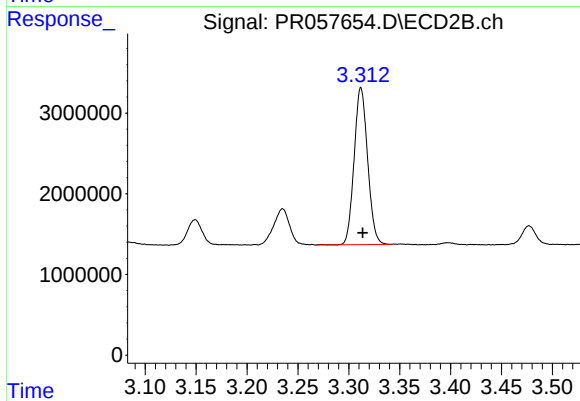
#9 AR-1221-2

R.T.: 3.235 min
Delta R.T.: -0.002 min
Response: 4958450
Conc: 276.97 ng/ml



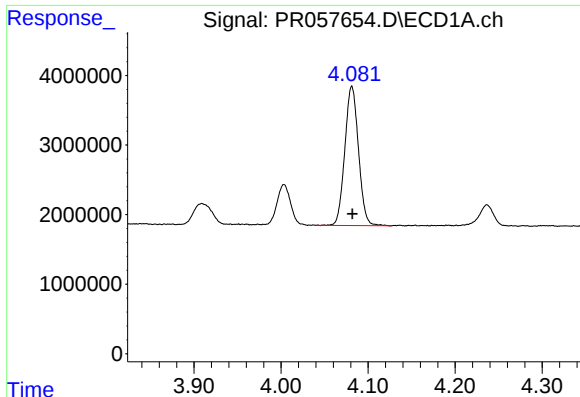
#10 AR-1221-3

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 21842652
Conc: 362.21 ng/ml



#10 AR-1221-3

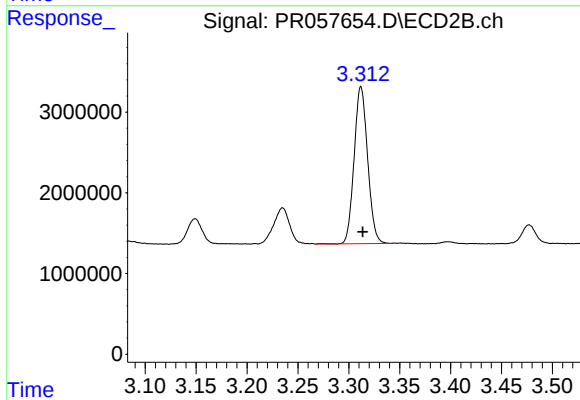
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 17984469
Conc: 333.69 ng/ml



#11 AR-1232-1

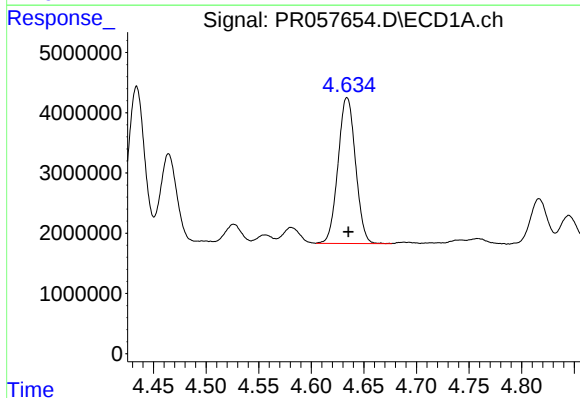
R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 21842652
Conc: 473.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



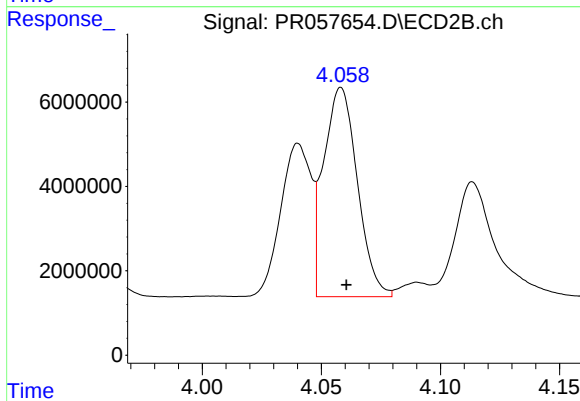
#11 AR-1232-1

R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 17984469
Conc: 438.84 ng/ml



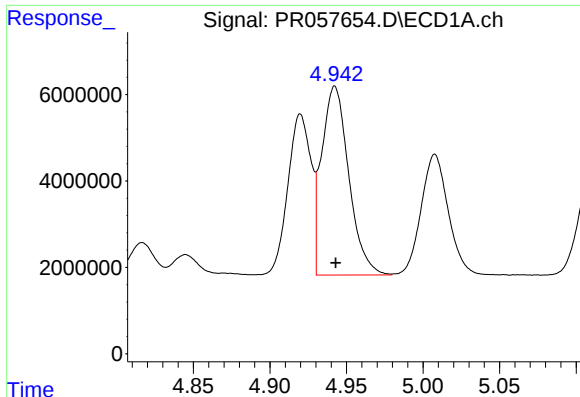
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 27999675
Conc: 1042.15 ng/ml



#12 AR-1232-2

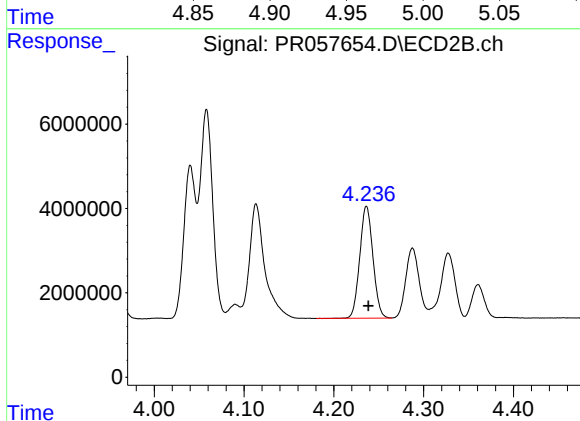
R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 49027080
Conc: 1122.78 ng/ml



#13 AR-1232-3

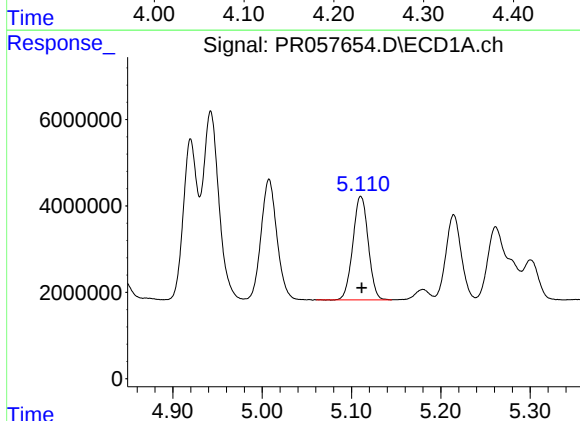
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 53853294
Conc: 1086.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



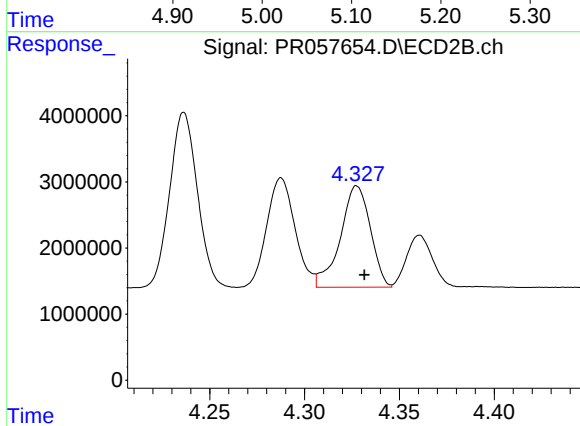
#13 AR-1232-3

R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 27084124
Conc: 1109.49 ng/ml



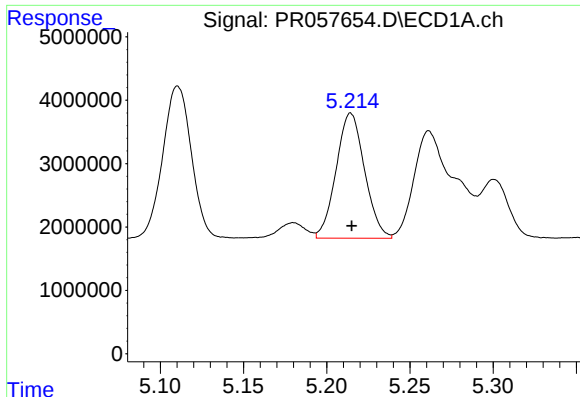
#14 AR-1232-4

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 28677379
Conc: 1111.49 ng/ml



#14 AR-1232-4

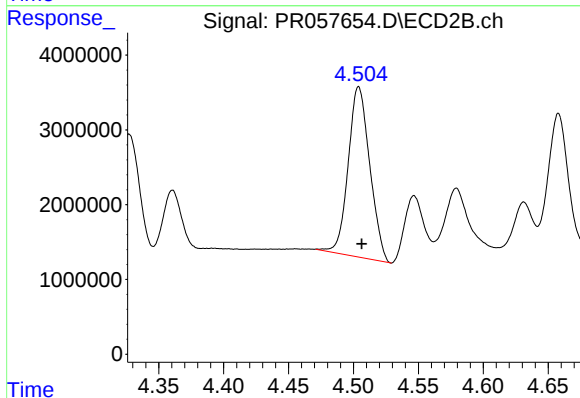
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 16904171
Conc: 916.94 ng/ml



#15 AR-1232-5

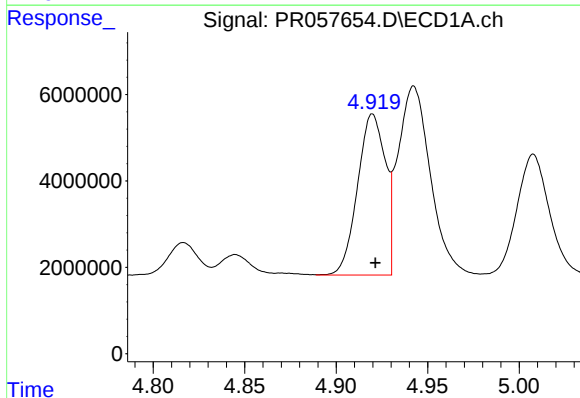
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 23500968
Conc: 1218.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



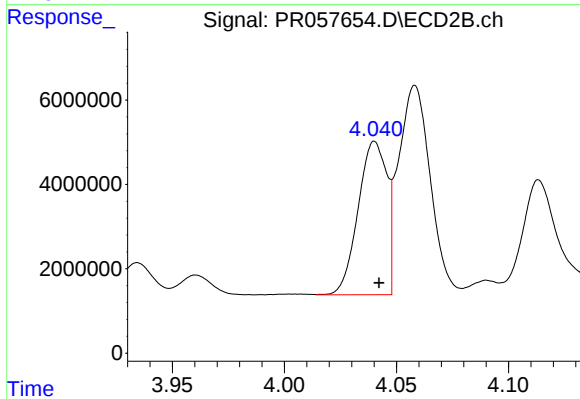
#15 AR-1232-5

R.T.: 4.504 min
Delta R.T.: -0.002 min
Response: 26348378
Conc: 1189.73 ng/ml



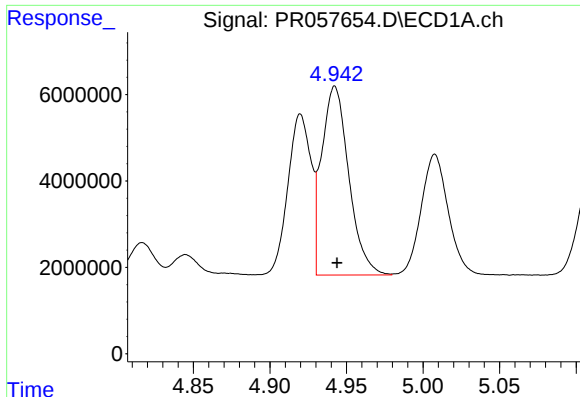
#16 AR-1242-1

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 39333643
Conc: 640.47 ng/ml



#16 AR-1242-1

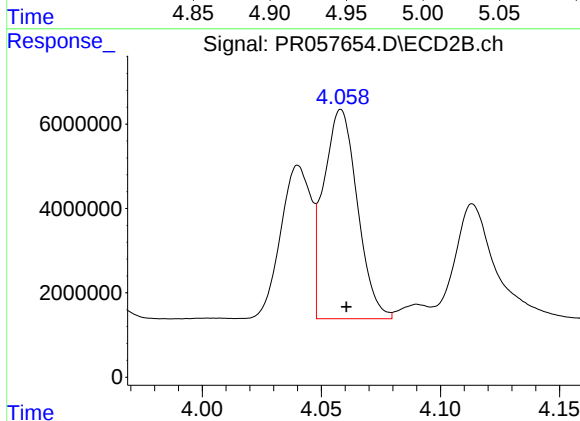
R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 32314892
Conc: 645.85 ng/ml



#17 AR-1242-2

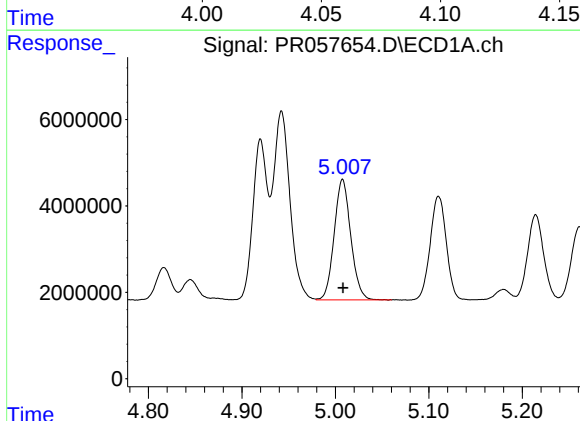
R.T.: 4.942 min
Delta R.T.: -0.001 min
Response: 53853294
Conc: 652.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



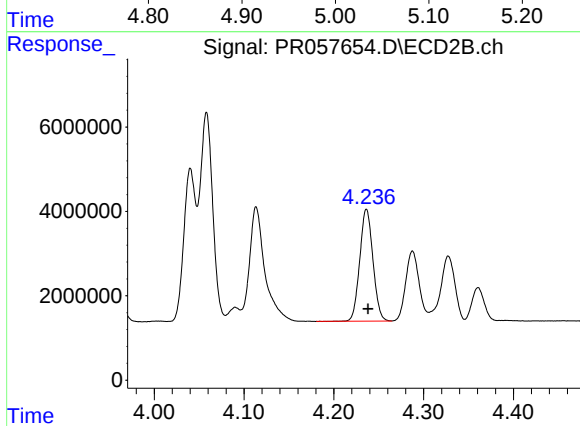
#17 AR-1242-2

R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 49027080
Conc: 656.06 ng/ml



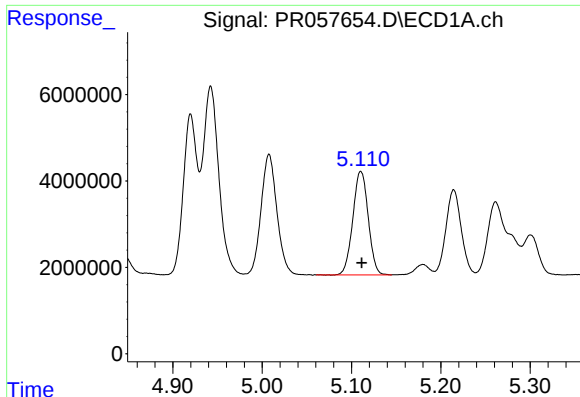
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 34479399
Conc: 648.62 ng/ml



#18 AR-1242-3

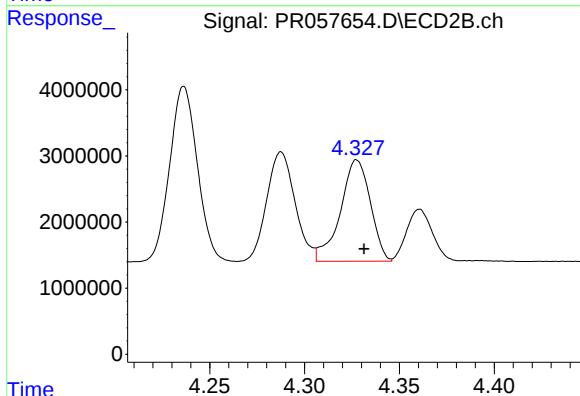
R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 27084124
Conc: 651.37 ng/ml



#19 AR-1242-4

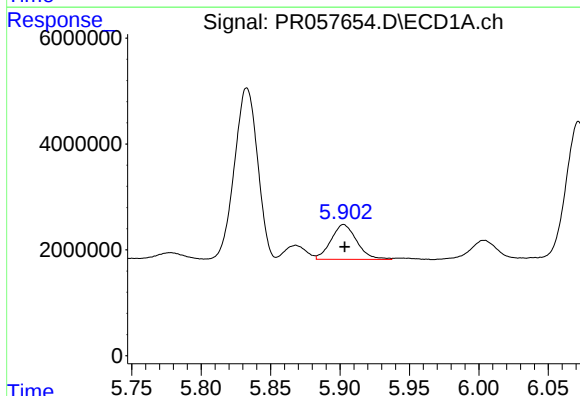
R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 28677379
Conc: 654.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



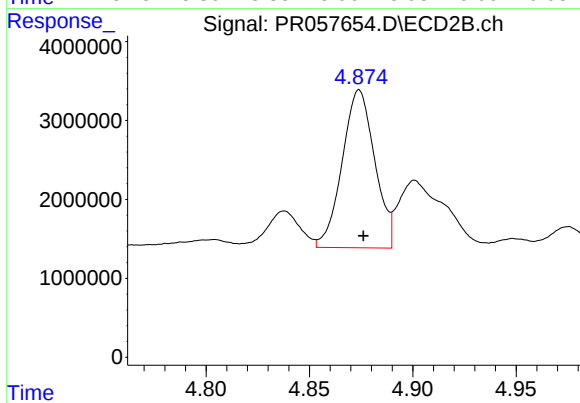
#19 AR-1242-4

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 16904171
Conc: 487.04 ng/ml



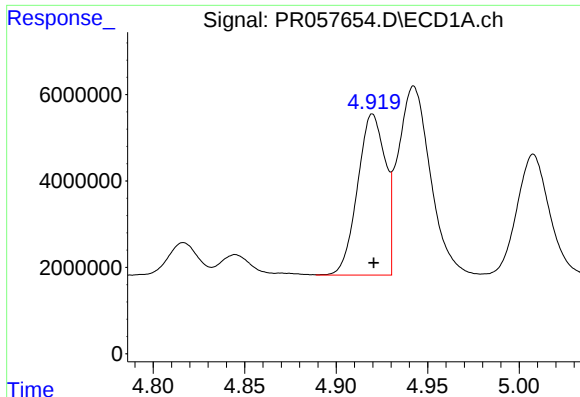
#20 AR-1242-5

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 8494423
Conc: 134.84 ng/ml



#20 AR-1242-5

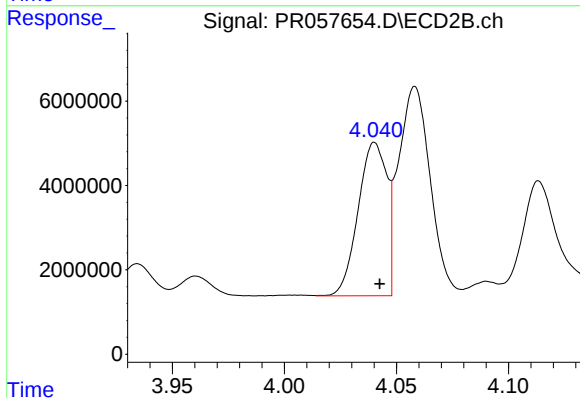
R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 21921420
Conc: 453.17 ng/ml



#21 AR-1248-1

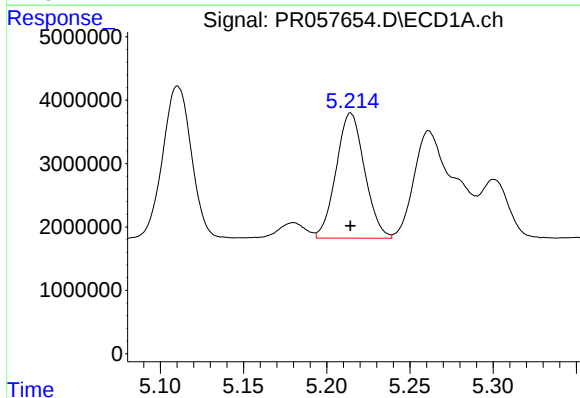
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 39333643
Conc: 854.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



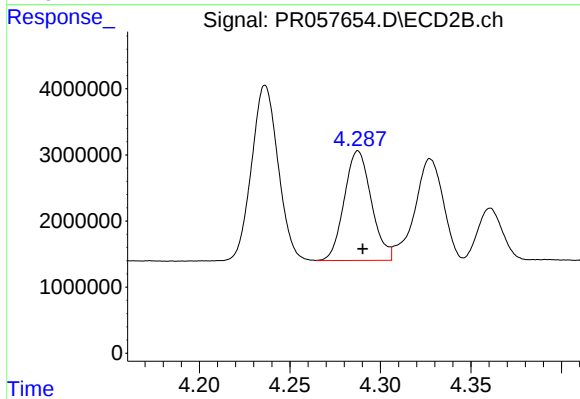
#21 AR-1248-1

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 32314892
Conc: 849.34 ng/ml



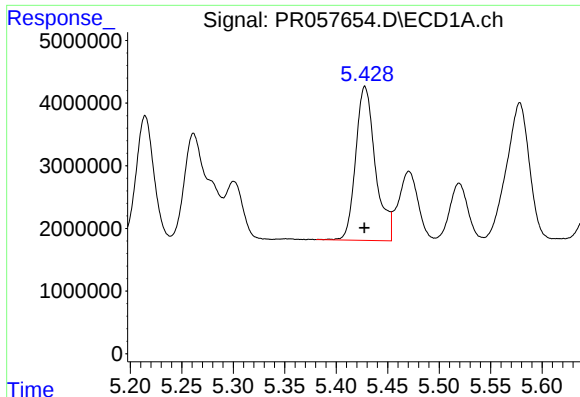
#22 AR-1248-2

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 23500968
Conc: 382.00 ng/ml



#22 AR-1248-2

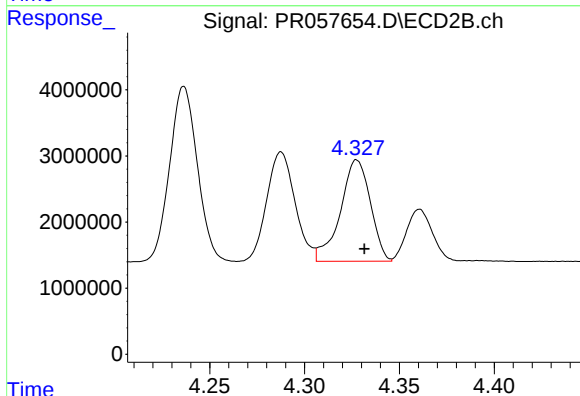
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 17276676
Conc: 364.63 ng/ml



#23 AR-1248-3

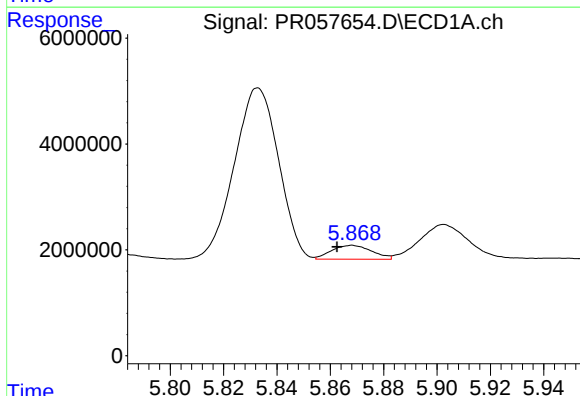
R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 32650626
Conc: 407.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



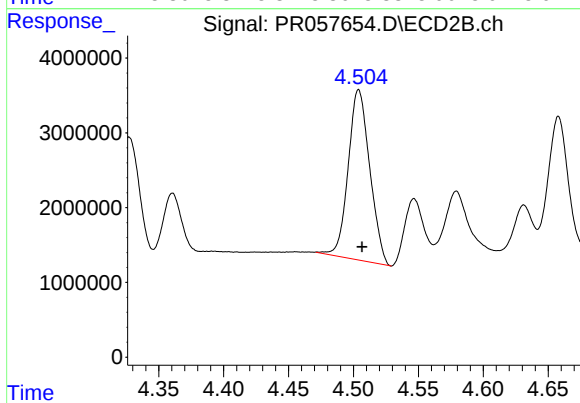
#23 AR-1248-3

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 16904171
Conc: 338.48 ng/ml



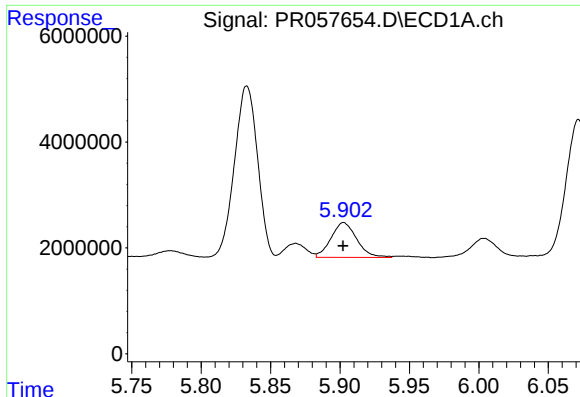
#24 AR-1248-4

R.T.: 5.868 min
Delta R.T.: 0.006 min
Response: 2752352
Conc: 26.04 ng/ml



#24 AR-1248-4

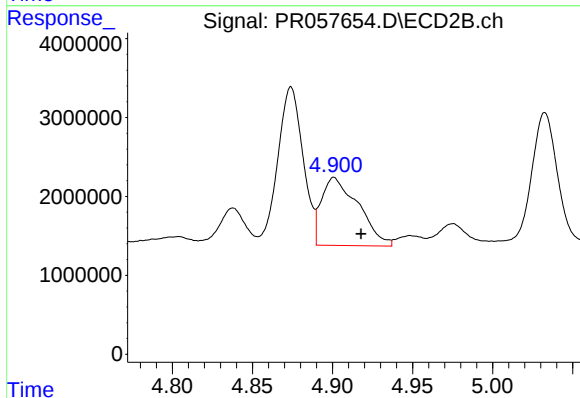
R.T.: 4.504 min
Delta R.T.: -0.003 min
Response: 26348378
Conc: 408.93 ng/ml



#25 AR-1248-5

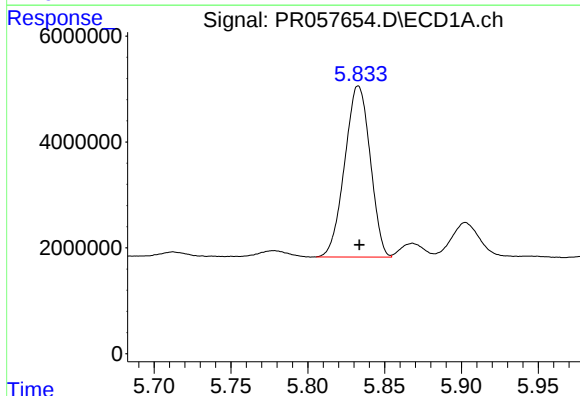
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 8494423
Conc: 81.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



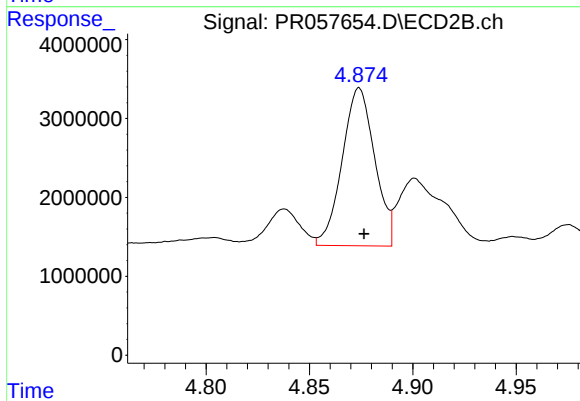
#25 AR-1248-5

R.T.: 4.901 min
Delta R.T.: -0.017 min
Response: 13818409
Conc: 200.65 ng/ml



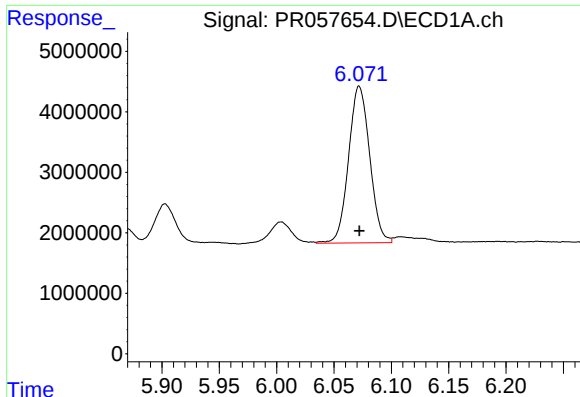
#26 AR-1254-1

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 37361868
Conc: 342.55 ng/ml



#26 AR-1254-1

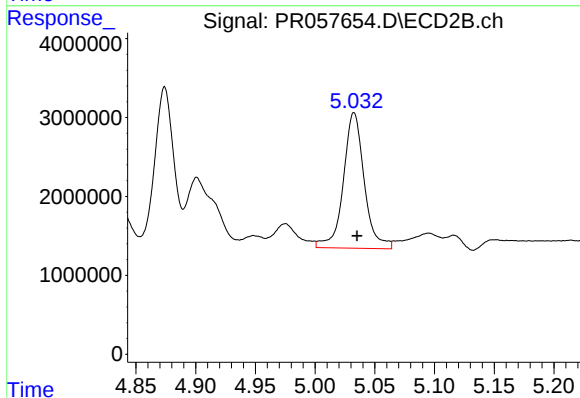
R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 21921420
Conc: 226.65 ng/ml



#27 AR-1254-2

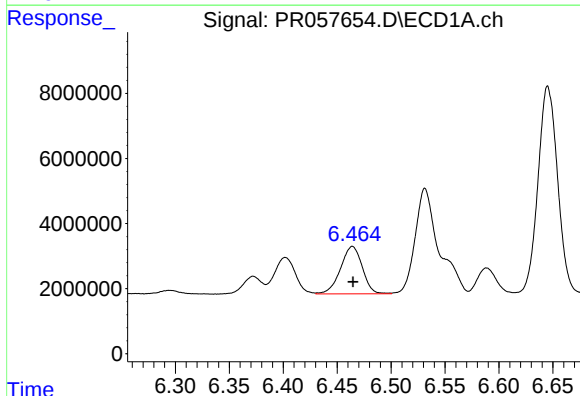
R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 33285151
Conc: 184.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



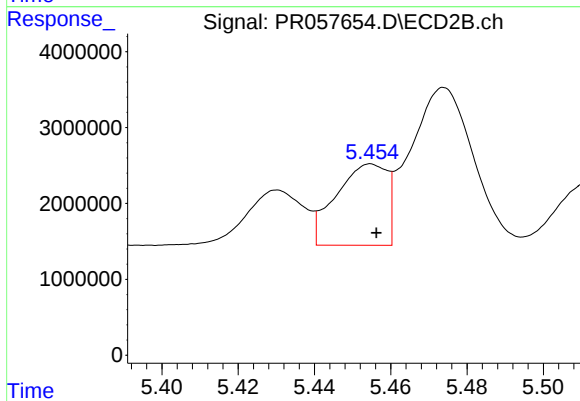
#27 AR-1254-2

R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 20899212
Conc: 247.82 ng/ml



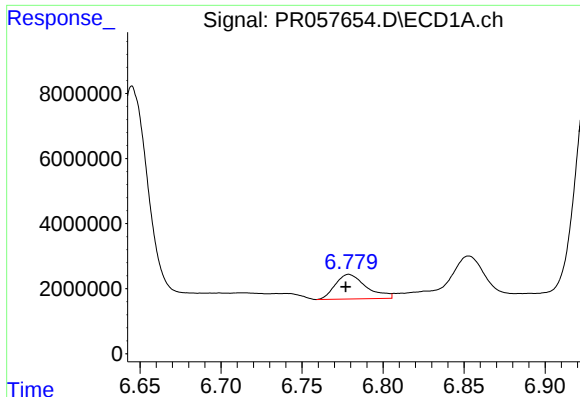
#28 AR-1254-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 20466129
Conc: 101.75 ng/ml



#28 AR-1254-3

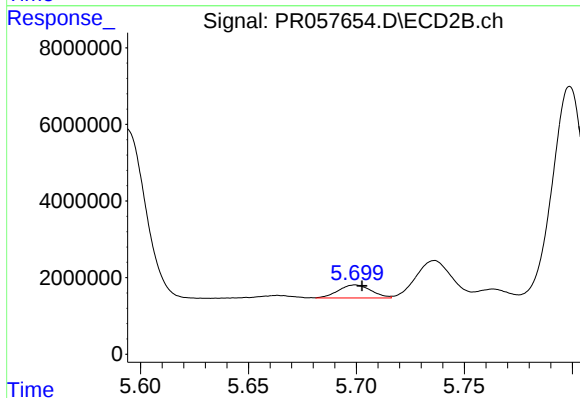
R.T.: 5.455 min
Delta R.T.: -0.001 min
Response: 9909288
Conc: 67.24 ng/ml



#29 AR-1254-4

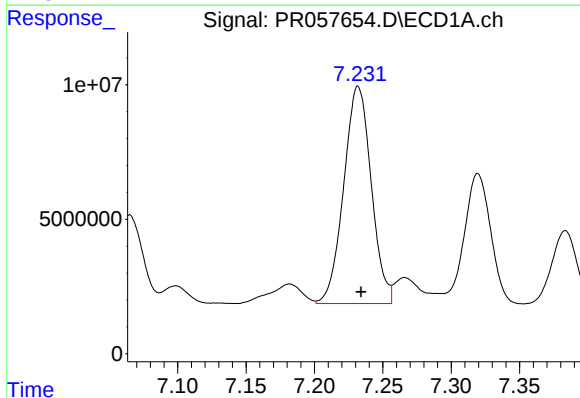
R.T.: 6.779 min
Delta R.T.: 0.002 min
Response: 10066407
Conc: 64.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



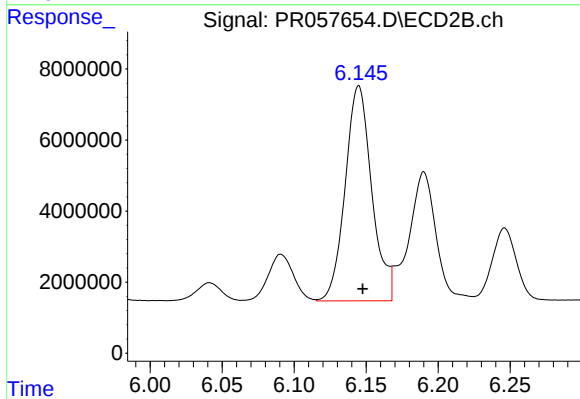
#29 AR-1254-4

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 3578949
Conc: 37.84 ng/ml



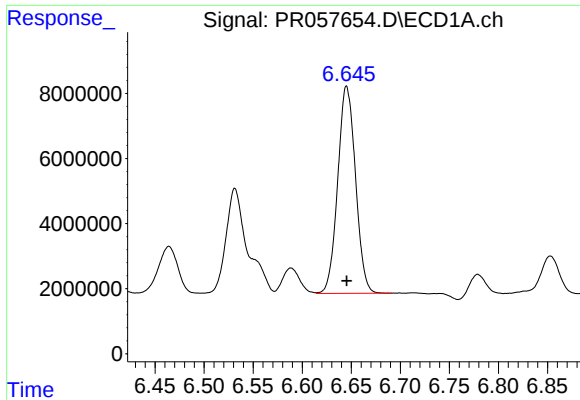
#30 AR-1254-5

R.T.: 7.232 min
Delta R.T.: -0.002 min
Response: 113313478
Conc: 670.64 ng/ml



#30 AR-1254-5

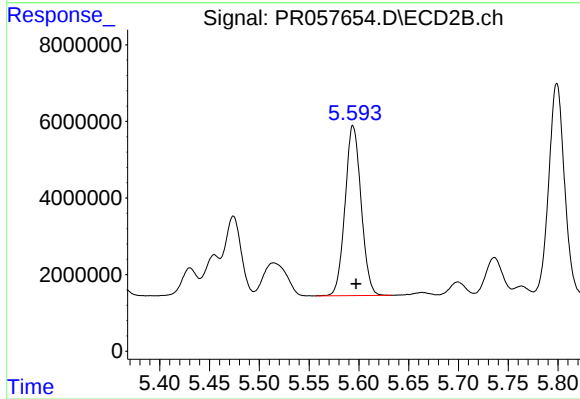
R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 77768141
Conc: 552.58 ng/ml



#31 AR-1260-1

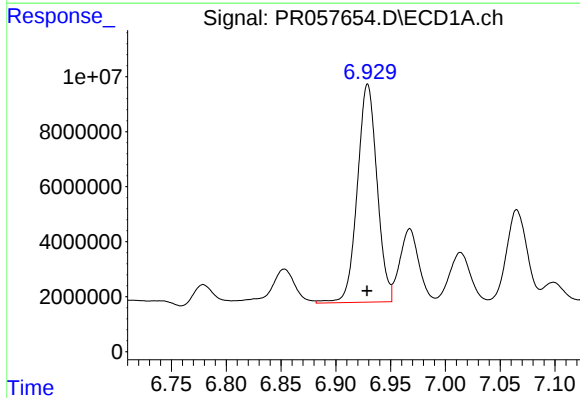
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 80367011
Conc: 500.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



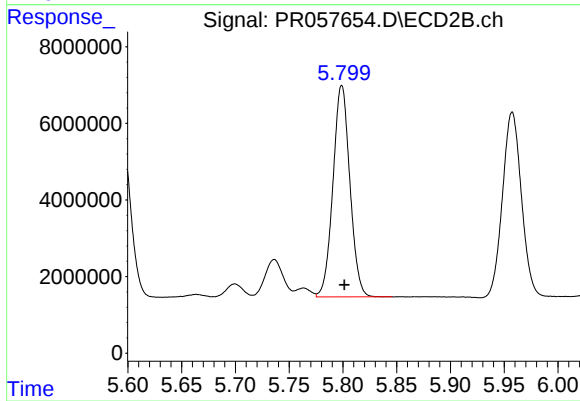
#31 AR-1260-1

R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 49839618
Conc: 506.37 ng/ml



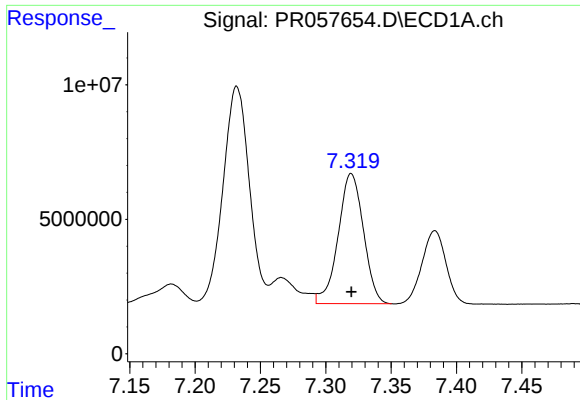
#32 AR-1260-2

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 99225972
Conc: 510.67 ng/ml



#32 AR-1260-2

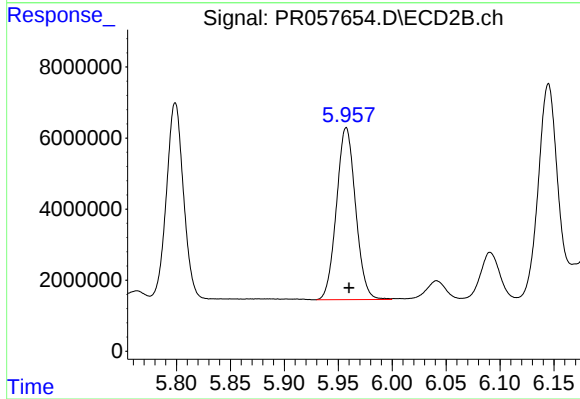
R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 60457396
Conc: 507.47 ng/ml



#33 AR-1260-3

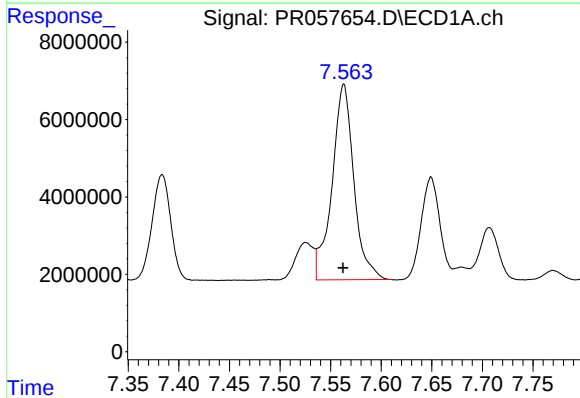
R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 65214888
Conc: 503.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



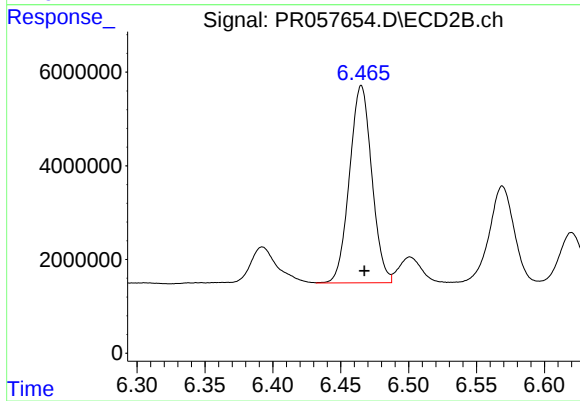
#33 AR-1260-3

R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 59795503
Conc: 508.05 ng/ml



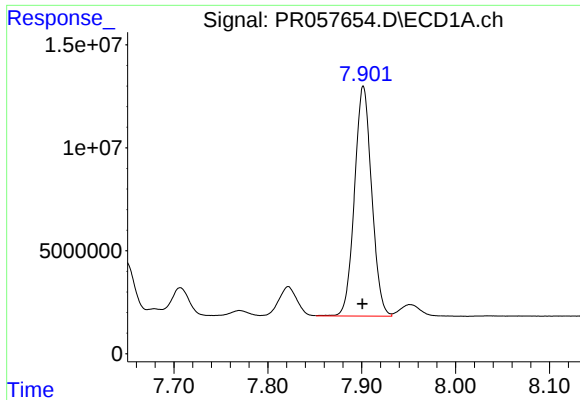
#34 AR-1260-4

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 75923188
Conc: 503.38 ng/ml



#34 AR-1260-4

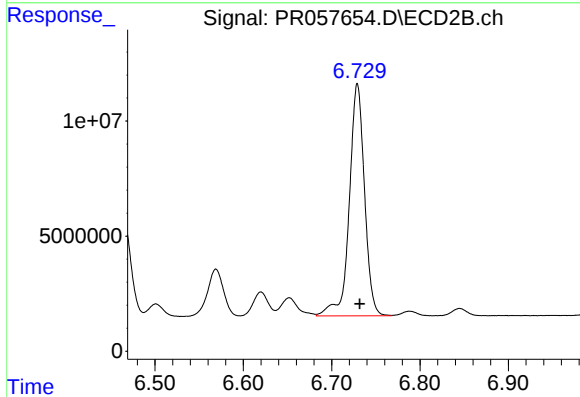
R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 48180043
Conc: 516.55 ng/ml



#35 AR-1260-5

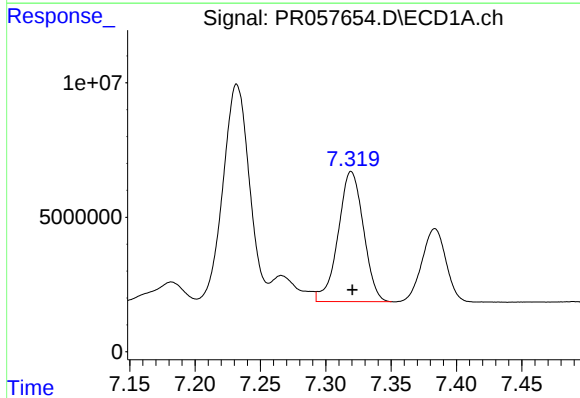
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 141810680
Conc: 506.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



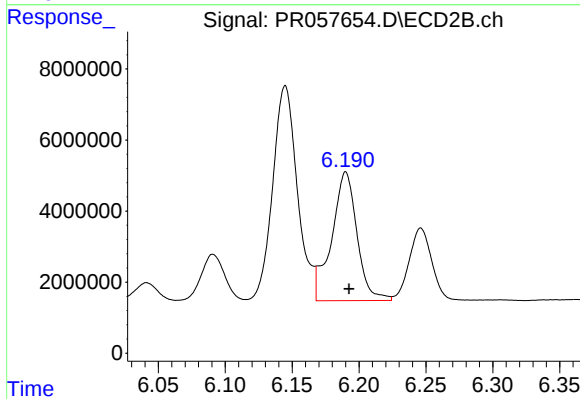
#35 AR-1260-5

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 120696379
Conc: 515.90 ng/ml



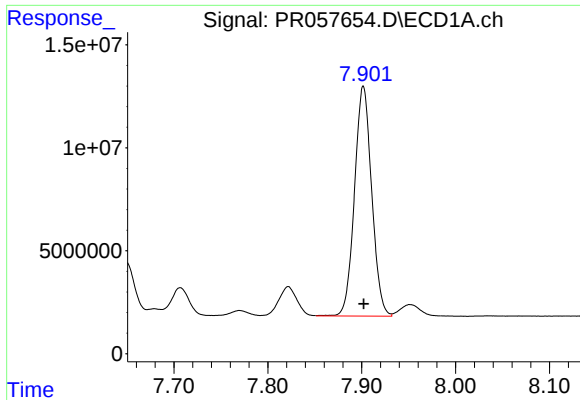
#36 AR-1262-1

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 65214888
Conc: 338.95 ng/ml



#36 AR-1262-1

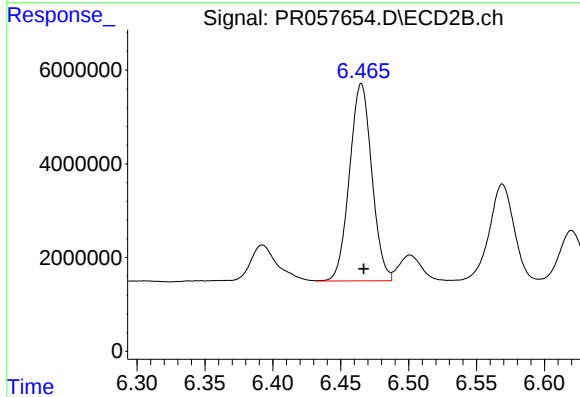
R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 47874357
Conc: 366.23 ng/ml



#37 AR-1262-2

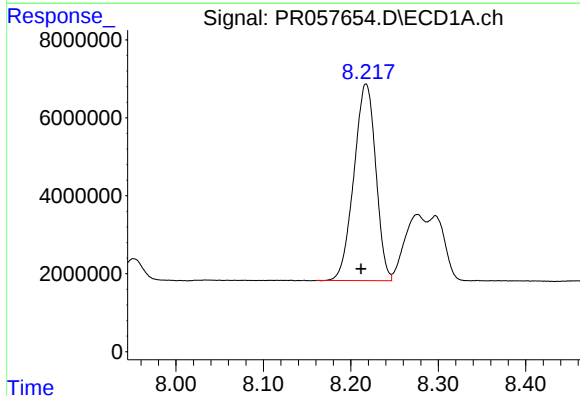
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 141810680
Conc: 437.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



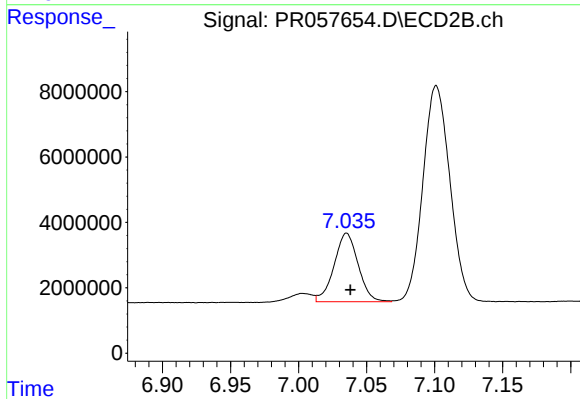
#37 AR-1262-2

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 48180043
Conc: 385.39 ng/ml



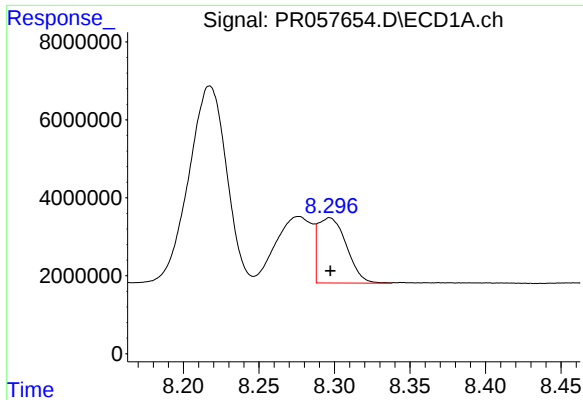
#38 AR-1262-3

R.T.: 8.217 min
Delta R.T.: 0.006 min
Response: 87623224
Conc: 418.47 ng/ml



#38 AR-1262-3

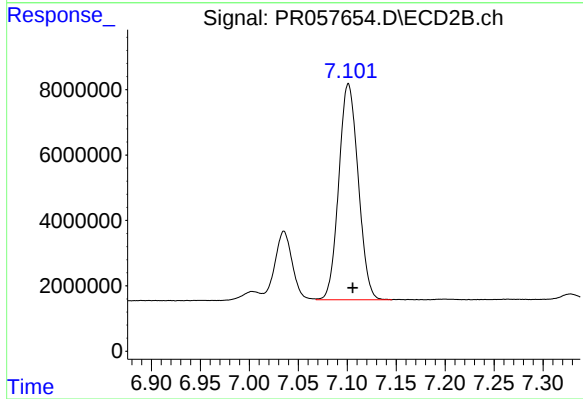
R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 25884957
Conc: 253.91 ng/ml



#39 AR-1262-4

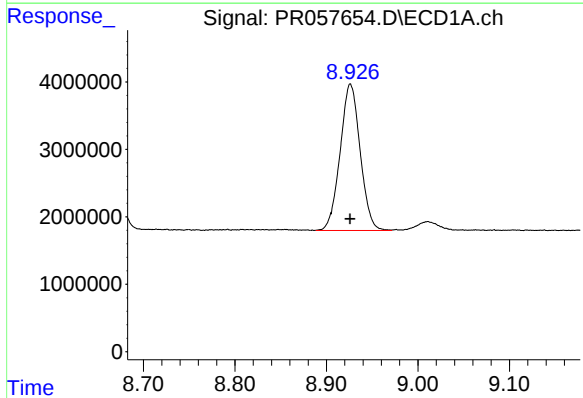
R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 21950152
Conc: 262.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



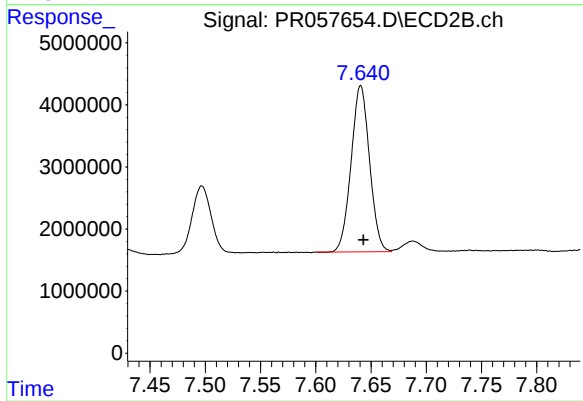
#39 AR-1262-4

R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 91257147
Conc: 441.93 ng/ml



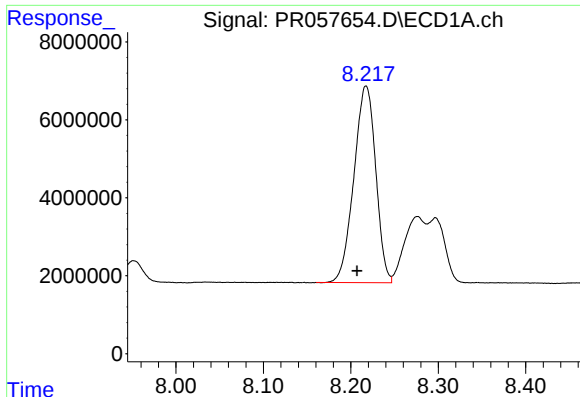
#40 AR-1262-5

R.T.: 8.926 min
Delta R.T.: 0.000 min
Response: 33004536
Conc: 322.17 ng/ml



#40 AR-1262-5

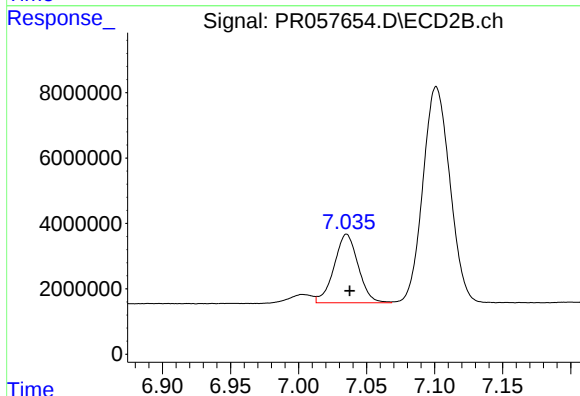
R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 31066912
Conc: 317.53 ng/ml



#41 AR-1268-1

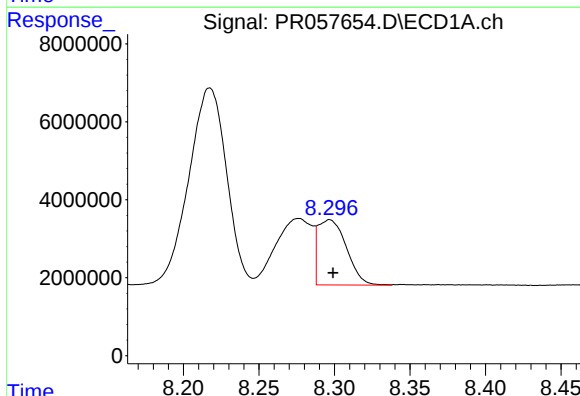
R.T.: 8.217 min
Delta R.T.: 0.010 min
Response: 87623224
Conc: 244.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



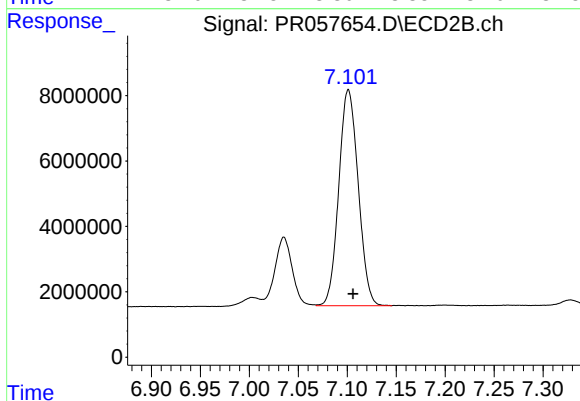
#41 AR-1268-1

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 25884957
Conc: 82.74 ng/ml



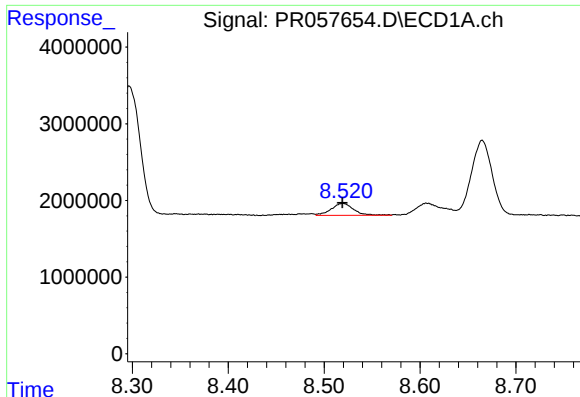
#42 AR-1268-2

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 21950152
Conc: 68.72 ng/ml



#42 AR-1268-2

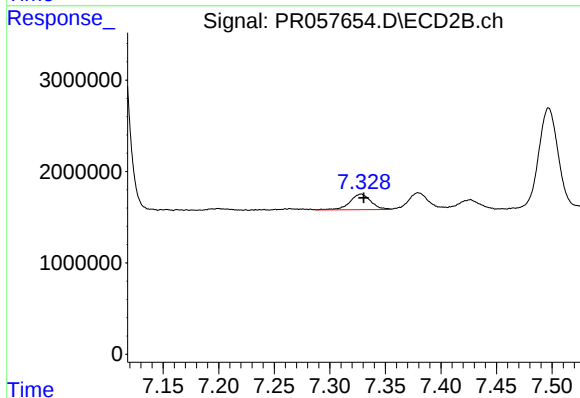
R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 91257147
Conc: 285.48 ng/ml



#43 AR-1268-3

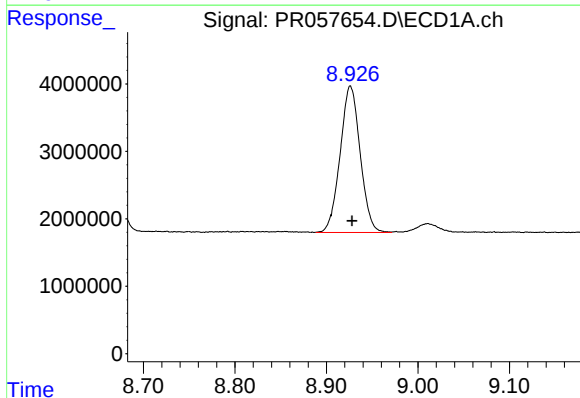
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 2564005
Conc: 9.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



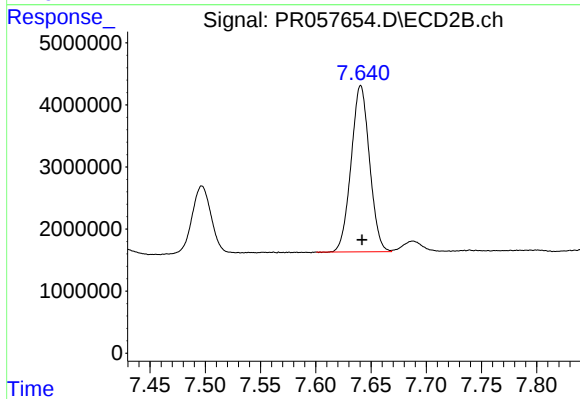
#43 AR-1268-3

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 2256597
Conc: 8.29 ng/ml



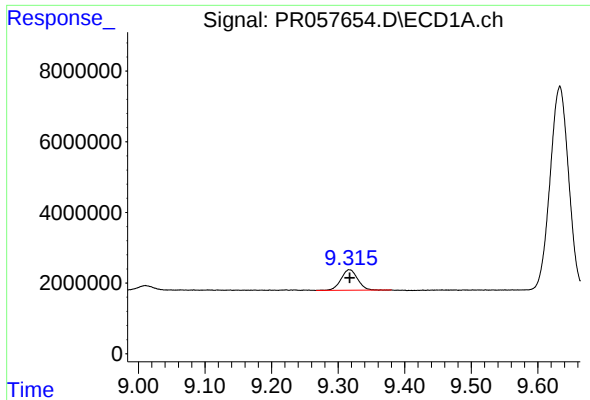
#44 AR-1268-4

R.T.: 8.926 min
Delta R.T.: -0.002 min
Response: 33004536
Conc: 291.28 ng/ml



#44 AR-1268-4

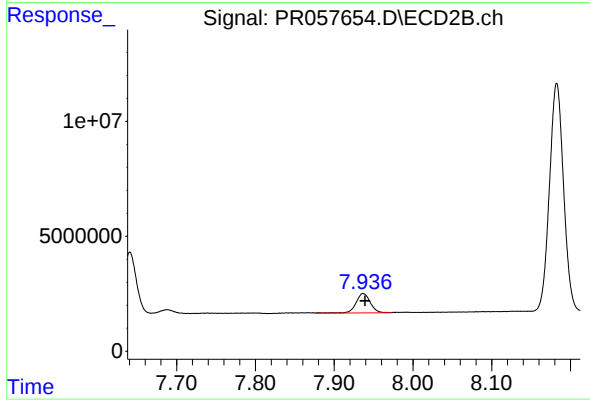
R.T.: 7.641 min
Delta R.T.: -0.001 min
Response: 31066912
Conc: 284.04 ng/ml



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 10000155
Conc: 12.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.937 min
Delta R.T.: -0.002 min
Response: 10739027
Conc: 10.81 ng/ml