

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101923\
 Data File : PR064095.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2023 20:23
 Operator : AJ\MA
 Sample : AR1248CCC400
 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: Oct 19 21:52:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 13 05:04:13 2023
 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...	3.736	3.023	132.9E6	75772110	18.561	18.358
2)	SA Decachlor...	9.755	8.419	181.3E6	114.9E6	38.822	37.863
Target Compounds							
3)	L1 AR-1016-1	4.980	4.174	51899541	33840732	241.268	232.792
4)	L1 AR-1016-2	5.002	4.193	65182559	34577681	198.931	172.970
5)	L1 AR-1016-3	5.066	4.377	32584341	23629842	157.513	214.347 #
6)	L1 AR-1016-4	5.168	4.428	35128338	47787047	215.664	552.209 #
7)	L1 AR-1016-5	5.489	4.651	86453375	57856039	531.841	506.411
8)	L2 AR-1221-1	3.962	3.254	561397	473875	6.872	8.753 #
9)	L2 AR-1221-2	4.053	3.336	2802045	1517487	51.545	39.187
10)	L2 AR-1221-3	4.132	3.423	4613814	3240121	25.708	25.837
11)	L3 AR-1232-1	4.132	3.423	4613814	3240121	31.035	30.944
12)	L3 AR-1232-2	4.689	4.193	24635956	34577681	302.245	370.505
13)	L3 AR-1232-3	5.002	4.377	65182559	23629842	435.466	466.915
14)	L3 AR-1232-4	5.168	4.471	35128338	48807301	481.542	1068.836 #
15)	L3 AR-1232-5	5.274	4.651	73673109	57856039	1347.705	1147.623
16)	L4 AR-1242-1	4.980	4.174	51899541	33840732	287.394	275.272
17)	L4 AR-1242-2	5.002	4.193	65182559	34577681	237.533	205.530
18)	L4 AR-1242-3	5.066	4.377	32584341	23629842	185.300	254.024 #
19)	L4 AR-1242-4	5.168	4.471	35128338	48807301	256.991	537.012 #
20)	L4 AR-1242-5	5.966	5.031	94275208	80092121	636.734	722.551
21)	L5 AR-1248-1	4.980	4.174	51899541	33840732	376.267	358.720
22)	L5 AR-1248-2	5.274	4.428	73673109	47787047	376.227	367.023
23)	L5 AR-1248-3	5.489	4.471	86453375	48807301	375.481	362.030
24)	L5 AR-1248-4	5.926	4.651	90084463	57856039	363.876	359.697
25)	L5 AR-1248-5	5.966	5.074	94275208	55841791	376.193	369.299
26)	L6 AR-1254-1	5.895	5.031	73906988	80092121	294.777	347.280
27)	L6 AR-1254-2	6.136	5.194	92182504	25502489	242.338	128.793 #
28)	L6 AR-1254-3	6.530	5.625	50528145	38638680	129.682	123.425
29)	L6 AR-1254-4	6.846	5.877	32745942	24983107	122.432	132.953
30)	L6 AR-1254-5	7.303	6.332	8614790	7423441	29.301	27.207
31)	L7 AR-1260-1	6.712	5.778	5412577	19423186	18.212	86.506 #
32)	L7 AR-1260-2	6.997	5.978	4360211	2683801	12.608	10.177
33)	L7 AR-1260-3	7.391	6.138	566311	4668442	2.204	18.462 #
34)	L7 AR-1260-4	7.613	6.657	3629556	876501	12.843	4.443 #
35)	L7 AR-1260-5	7.974	6.926	1710392	1128664	3.168	2.658
36)	L8 AR-1262-1	7.391	6.378	566311	277900	1.504	0.955 #
37)	L8 AR-1262-2	7.974	6.926	1710392	1128664	2.779	2.418
38)	L8 AR-1262-3	8.295	7.236	1518010	459404	3.623	2.516 #
39)	L8 AR-1262-4	8.353	7.303	361328	931868	1.122	2.766 #
40)	L8 AR-1262-5	0.000	7.852	0	306628	N.D.	2.098 #
41)	L9 AR-1268-1	8.295	7.236	1518010	459404	2.070	0.883 #

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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
42) L9	AR-1268-2	8.353	7.303	361328	931868	0.544	1.974 #
43) L9	AR-1268-3	8.606	7.537	501200	203810	0.870	0.510 #
44) L9	AR-1268-4	0.000	7.852	0	306628	N.D.	1.884 #
45) L9	AR-1268-5	9.429	8.156	699759	731655	0.393	0.625 #

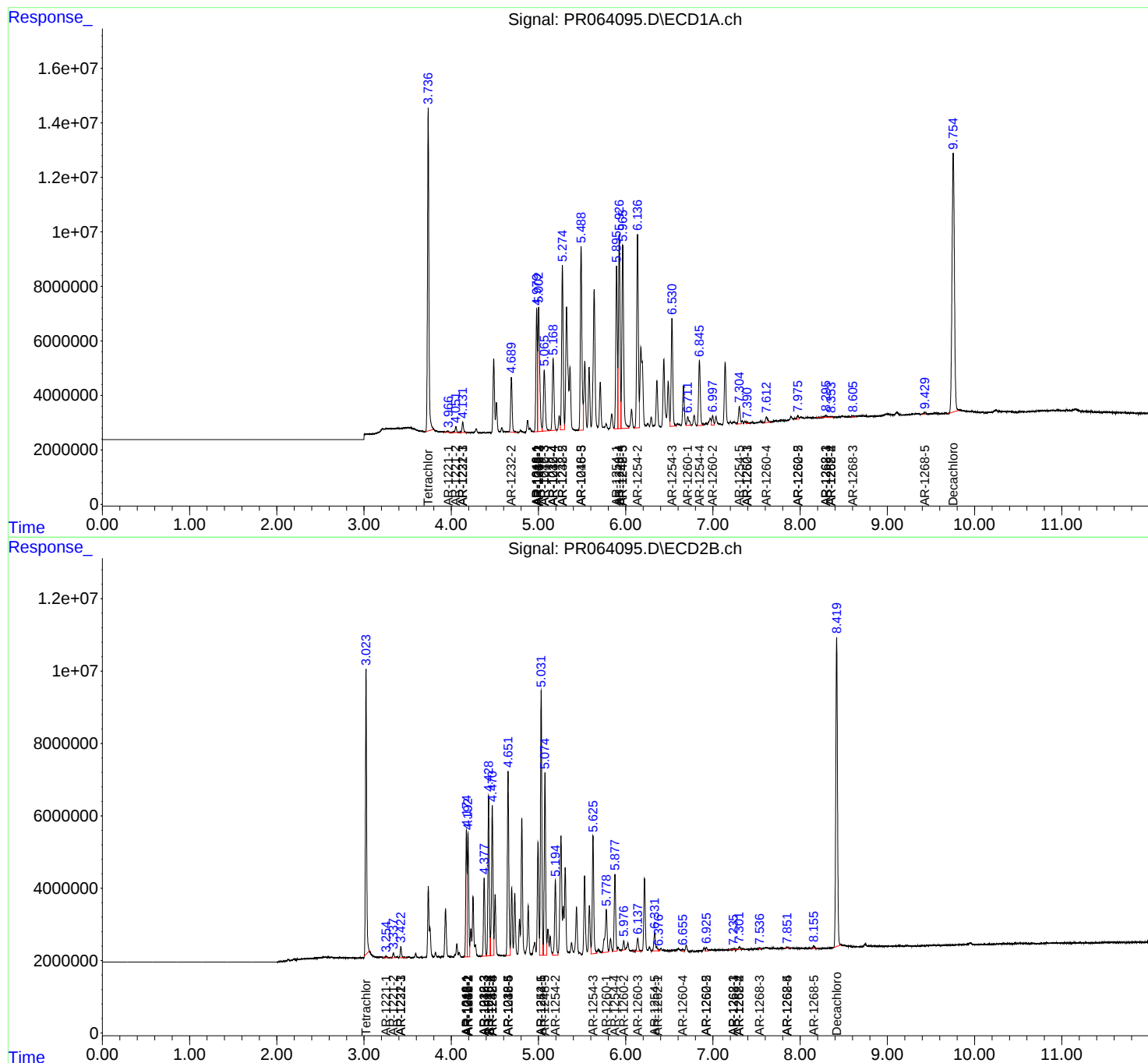
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

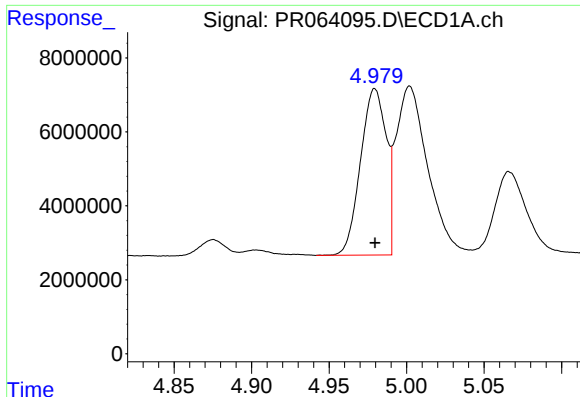
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101923\
Data File : PR064095.D
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

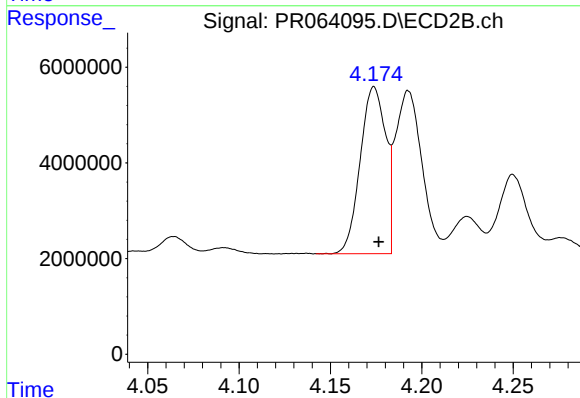




#3 AR-1016-1

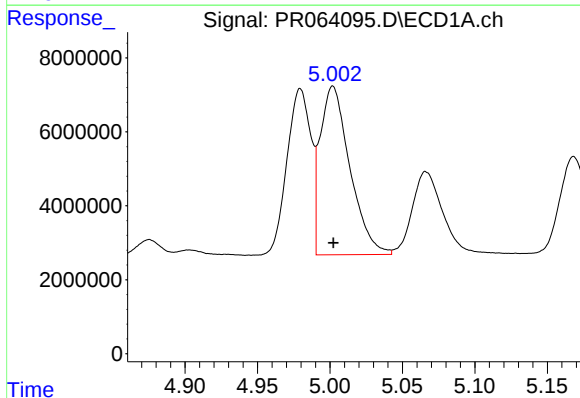
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 51899541
Conc: 241.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



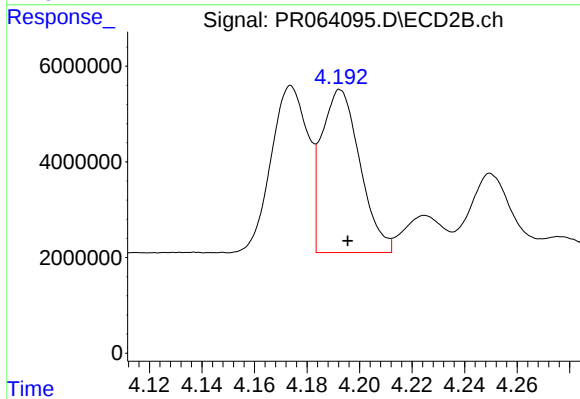
#3 AR-1016-1

R.T.: 4.174 min
Delta R.T.: -0.003 min
Response: 33840732
Conc: 232.79 ng/ml



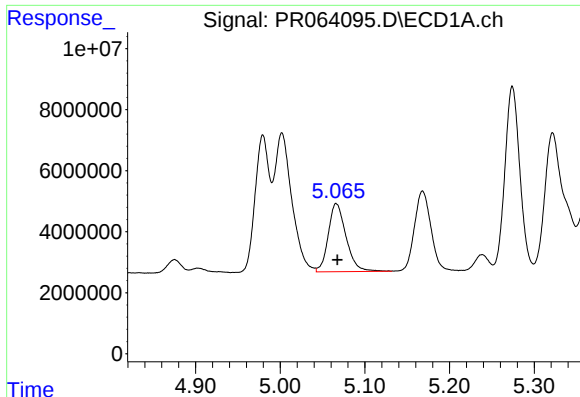
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 65182559
Conc: 198.93 ng/ml



#4 AR-1016-2

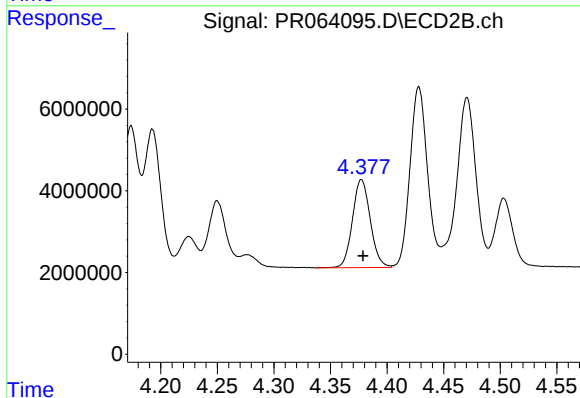
R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 34577681
Conc: 172.97 ng/ml



#5 AR-1016-3

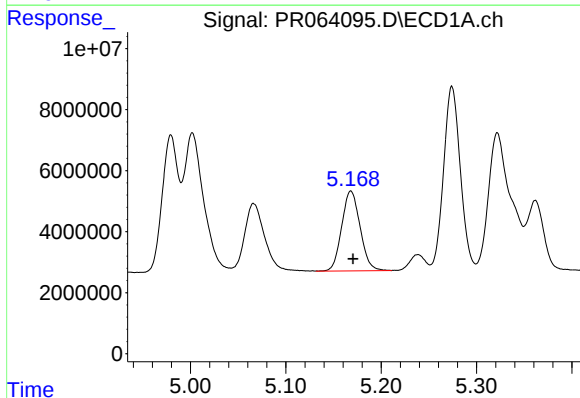
R.T.: 5.066 min
Delta R.T.: -0.001 min
Response: 32584341
Conc: 157.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



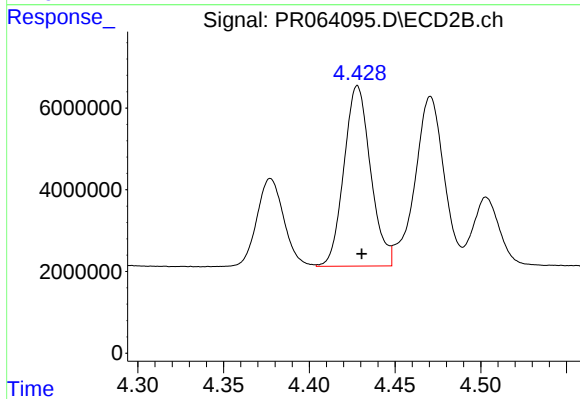
#5 AR-1016-3

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 23629842
Conc: 214.35 ng/ml



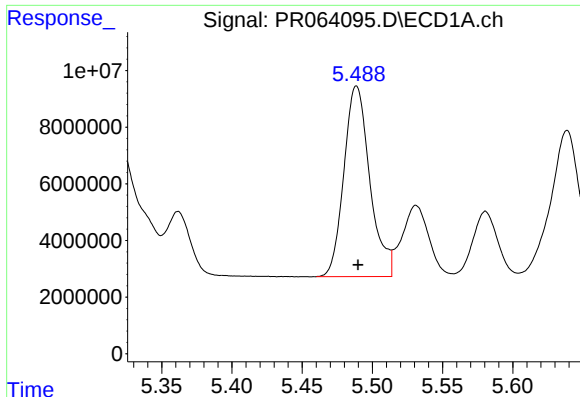
#6 AR-1016-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 35128338
Conc: 215.66 ng/ml



#6 AR-1016-4

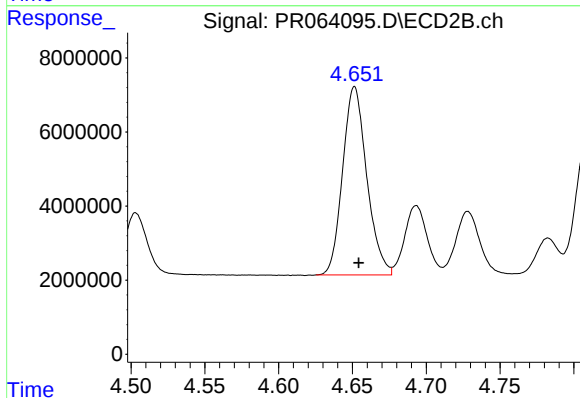
R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 47787047
Conc: 552.21 ng/ml



#7 AR-1016-5

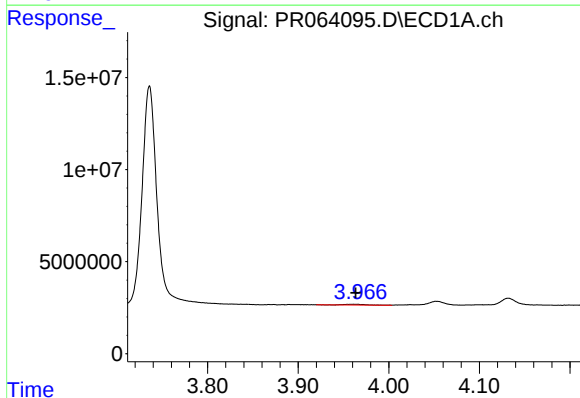
R.T.: 5.489 min
Delta R.T.: -0.001 min
Response: 86453375
Conc: 531.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



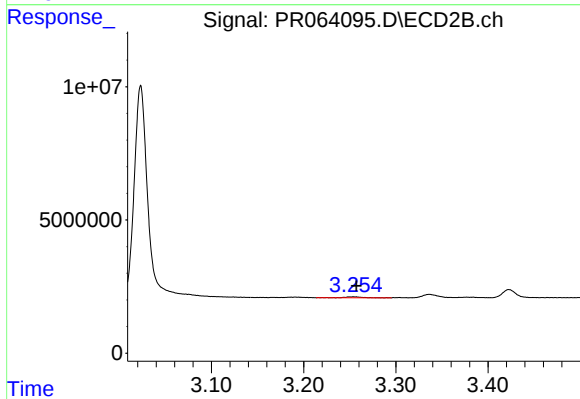
#7 AR-1016-5

R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 57856039
Conc: 506.41 ng/ml



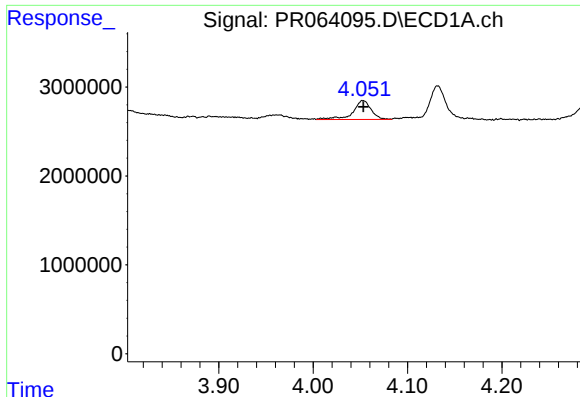
#8 AR-1221-1

R.T.: 3.962 min
Delta R.T.: -0.002 min
Response: 561397
Conc: 6.87 ng/ml



#8 AR-1221-1

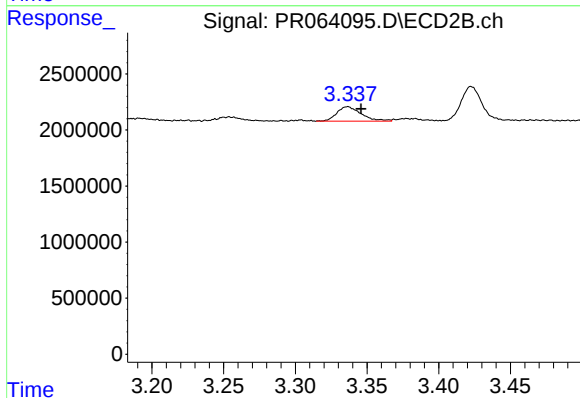
R.T.: 3.254 min
Delta R.T.: -0.003 min
Response: 473875
Conc: 8.75 ng/ml



#9 AR-1221-2

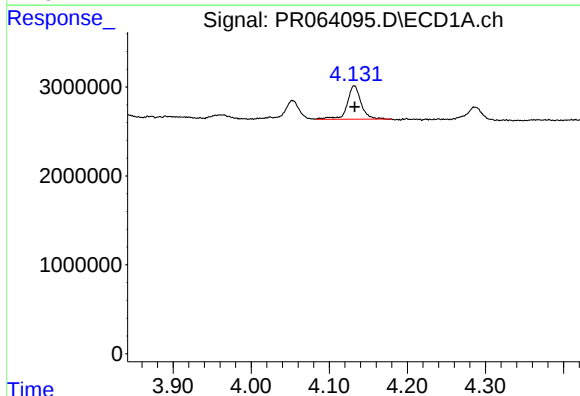
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 2802045
Conc: 51.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



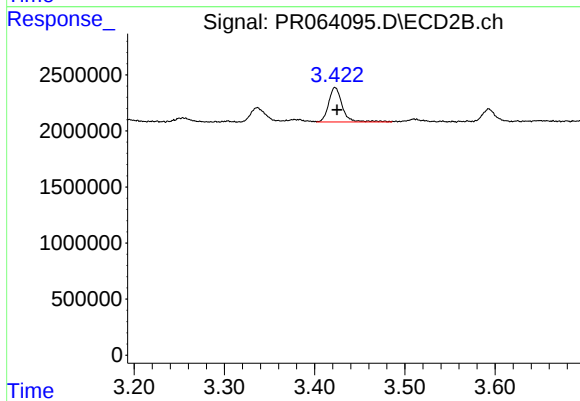
#9 AR-1221-2

R.T.: 3.336 min
Delta R.T.: -0.009 min
Response: 1517487
Conc: 39.19 ng/ml



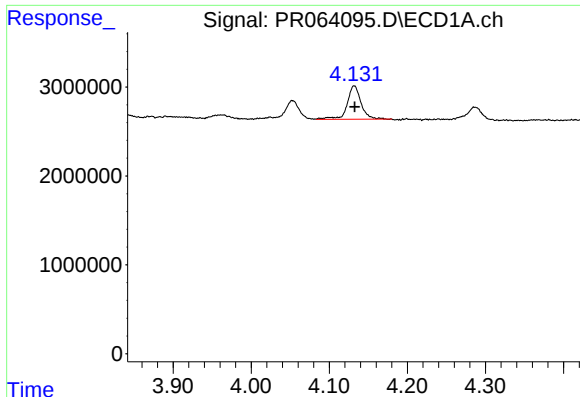
#10 AR-1221-3

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 4613814
Conc: 25.71 ng/ml



#10 AR-1221-3

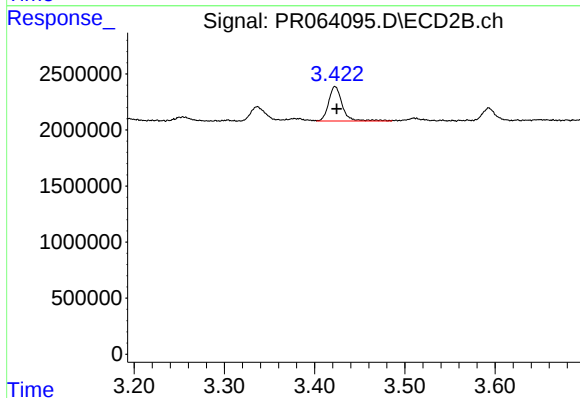
R.T.: 3.423 min
Delta R.T.: -0.002 min
Response: 3240121
Conc: 25.84 ng/ml



#11 AR-1232-1

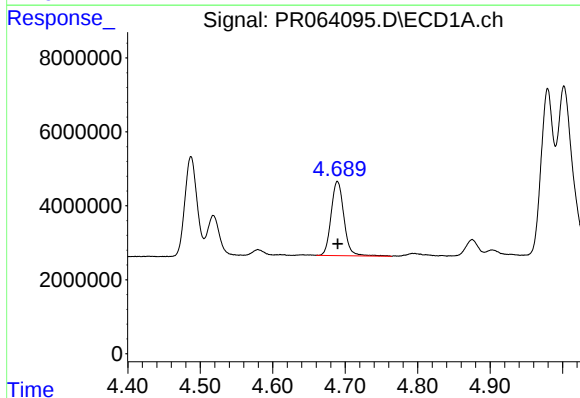
R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 4613814
Conc: 31.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



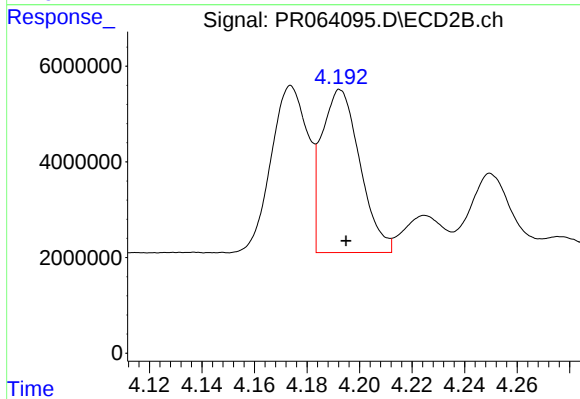
#11 AR-1232-1

R.T.: 3.423 min
Delta R.T.: -0.002 min
Response: 3240121
Conc: 30.94 ng/ml



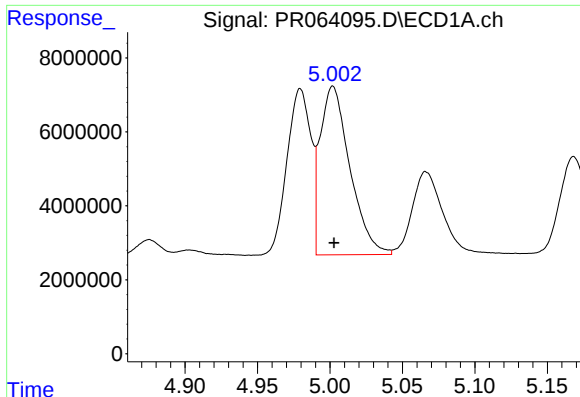
#12 AR-1232-2

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 24635956
Conc: 302.24 ng/ml



#12 AR-1232-2

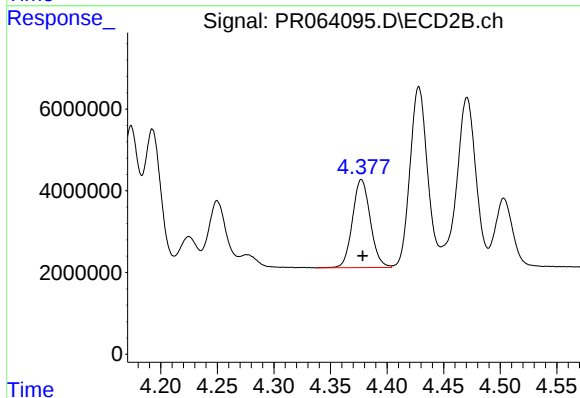
R.T.: 4.193 min
Delta R.T.: -0.002 min
Response: 34577681
Conc: 370.50 ng/ml



#13 AR-1232-3

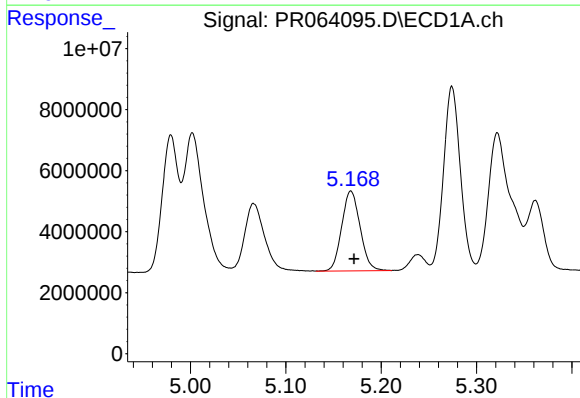
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 65182559
Conc: 435.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



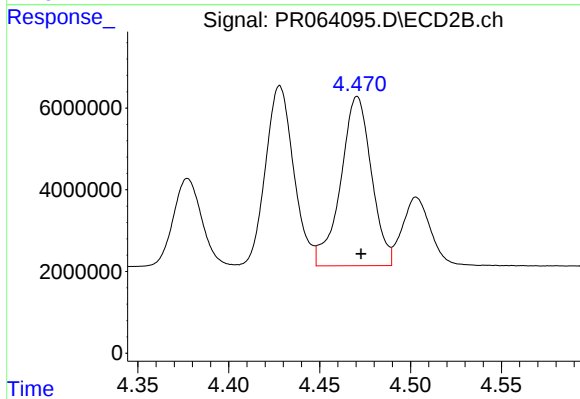
#13 AR-1232-3

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 23629842
Conc: 466.92 ng/ml



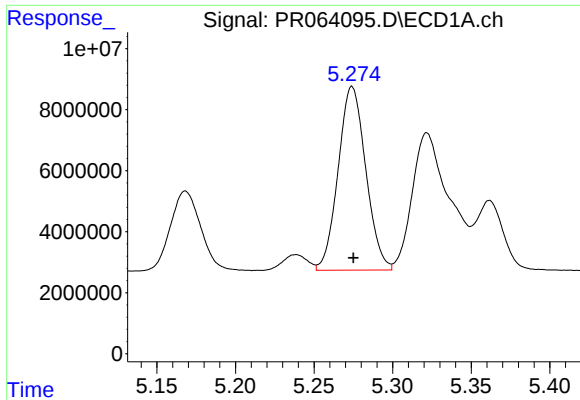
#14 AR-1232-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 35128338
Conc: 481.54 ng/ml



#14 AR-1232-4

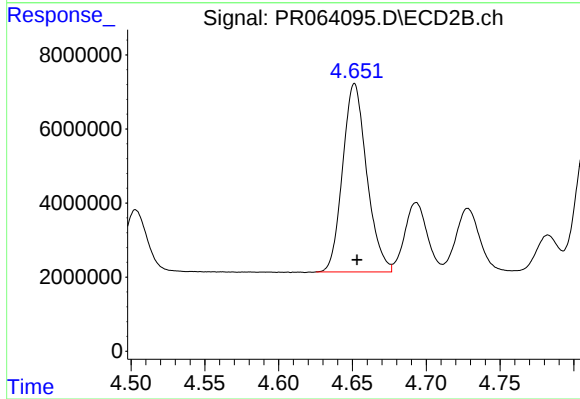
R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 48807301
Conc: 1068.84 ng/ml



#15 AR-1232-5

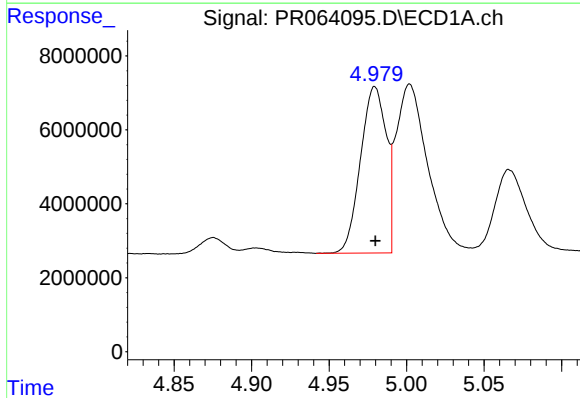
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 73673109
Conc: 1347.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



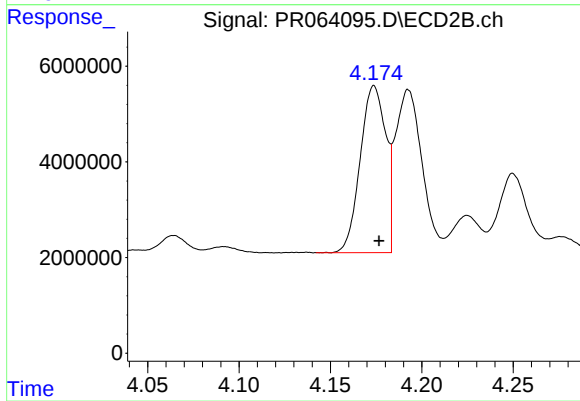
#15 AR-1232-5

R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 57856039
Conc: 1147.62 ng/ml



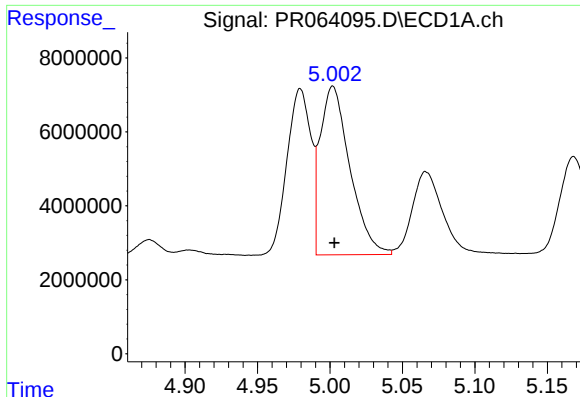
#16 AR-1242-1

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 51899541
Conc: 287.39 ng/ml



#16 AR-1242-1

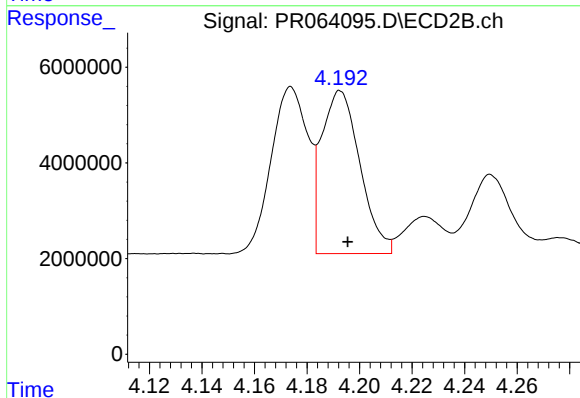
R.T.: 4.174 min
Delta R.T.: -0.003 min
Response: 33840732
Conc: 275.27 ng/ml



#17 AR-1242-2

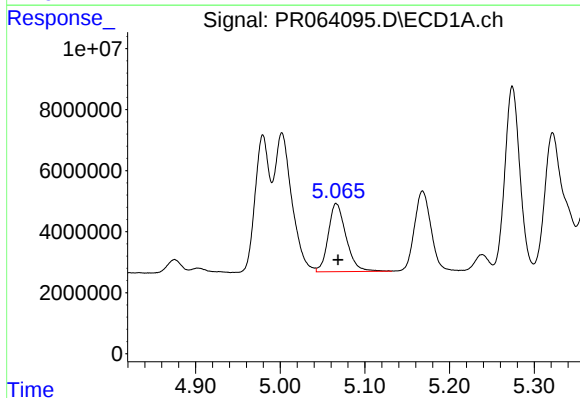
R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 65182559
Conc: 237.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



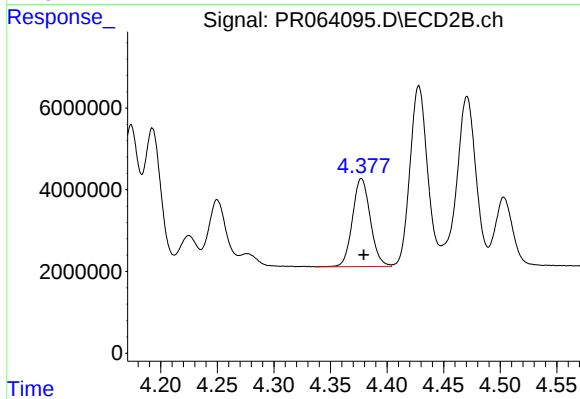
#17 AR-1242-2

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 34577681
Conc: 205.53 ng/ml



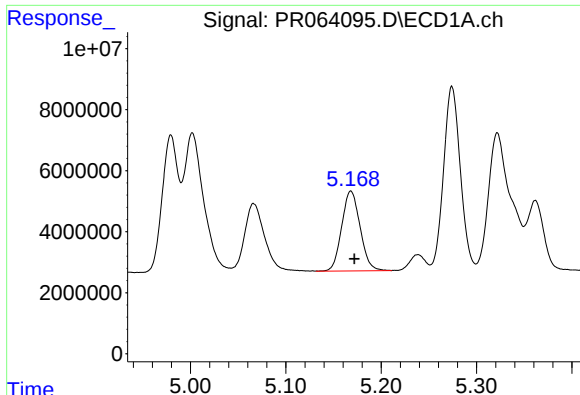
#18 AR-1242-3

R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 32584341
Conc: 185.30 ng/ml



#18 AR-1242-3

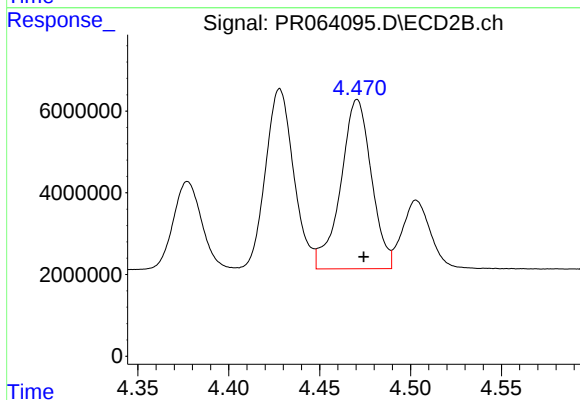
R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 23629842
Conc: 254.02 ng/ml



#19 AR-1242-4

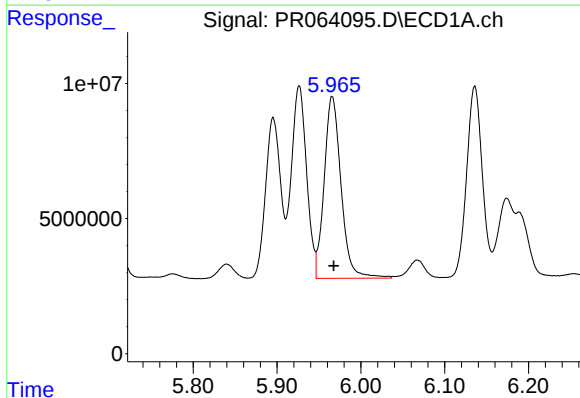
R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 35128338
Conc: 256.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



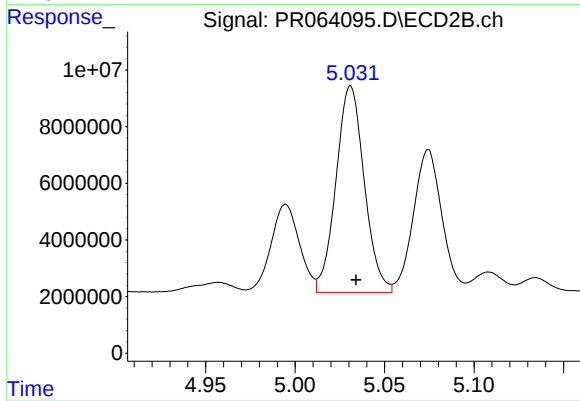
#19 AR-1242-4

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 48807301
Conc: 537.01 ng/ml



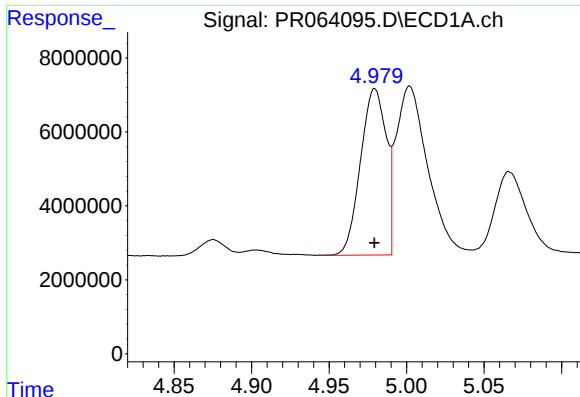
#20 AR-1242-5

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 94275208
Conc: 636.73 ng/ml



#20 AR-1242-5

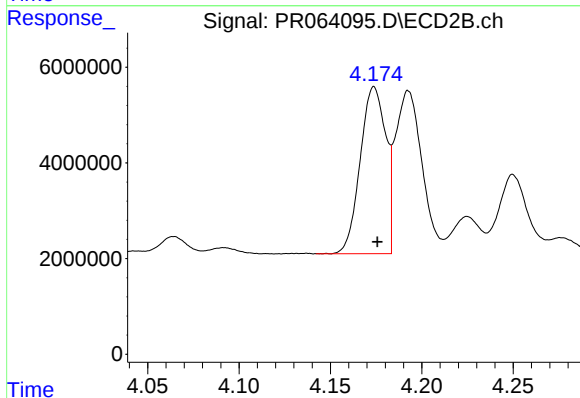
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 80092121
Conc: 722.55 ng/ml



#21 AR-1248-1

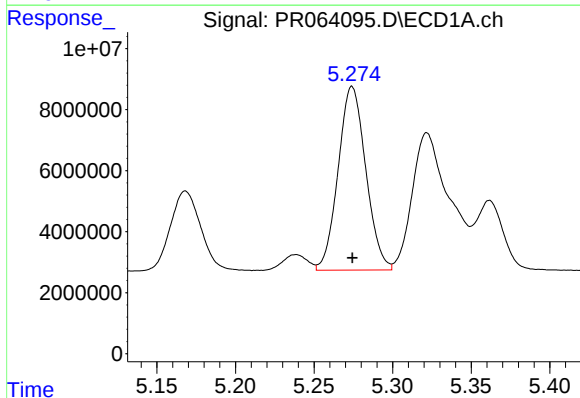
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 51899541
Conc: 376.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



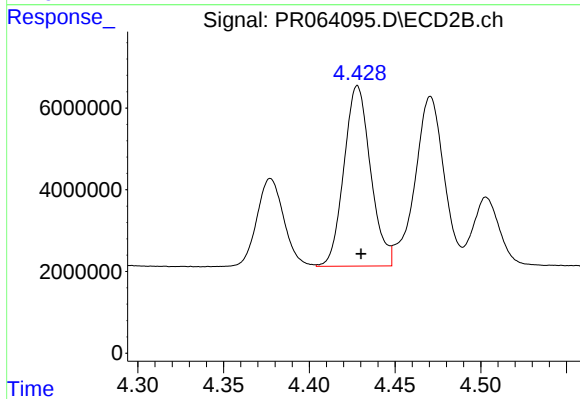
#21 AR-1248-1

R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 33840732
Conc: 358.72 ng/ml



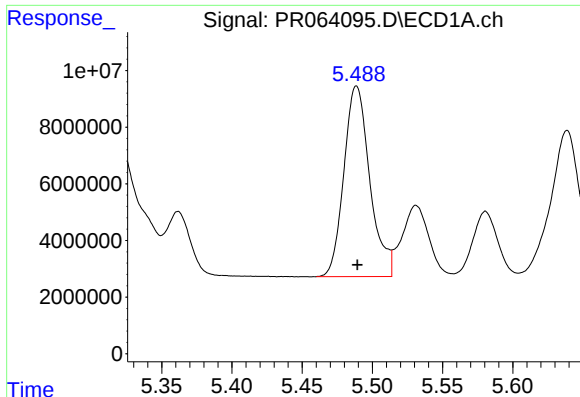
#22 AR-1248-2

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 73673109
Conc: 376.23 ng/ml



#22 AR-1248-2

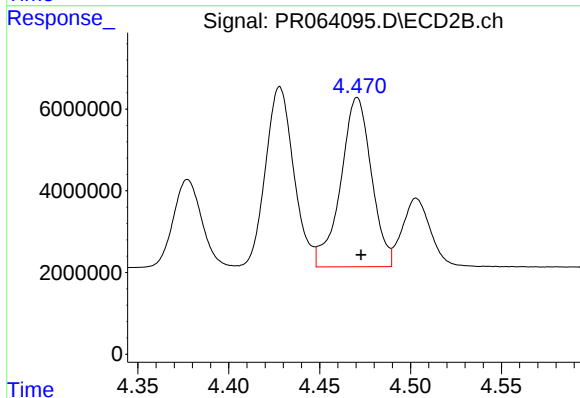
R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 47787047
Conc: 367.02 ng/ml



#23 AR-1248-3

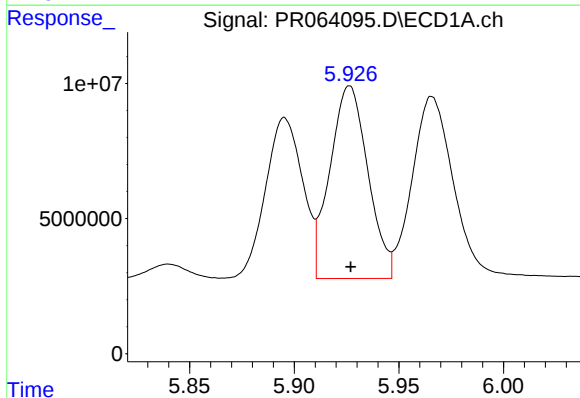
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 86453375
Conc: 375.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



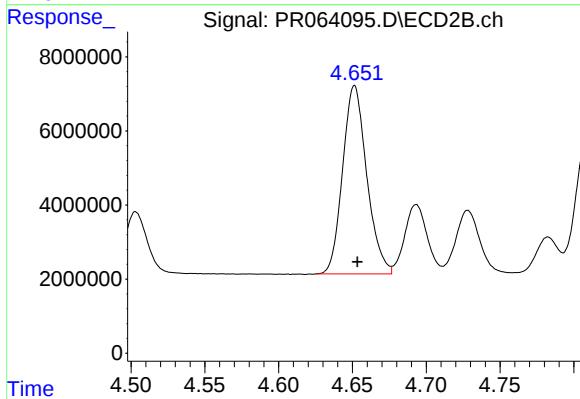
#23 AR-1248-3

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 48807301
Conc: 362.03 ng/ml



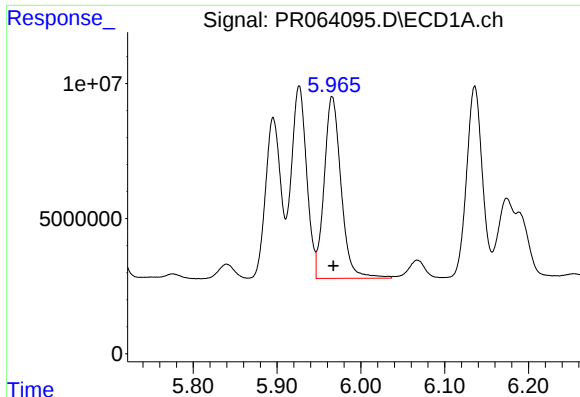
#24 AR-1248-4

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 90084463
Conc: 363.88 ng/ml



#24 AR-1248-4

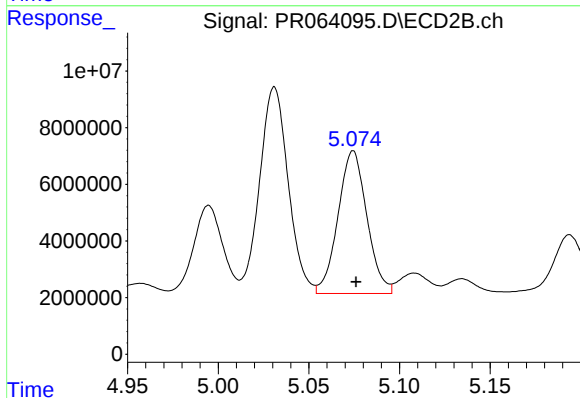
R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 57856039
Conc: 359.70 ng/ml



#25 AR-1248-5

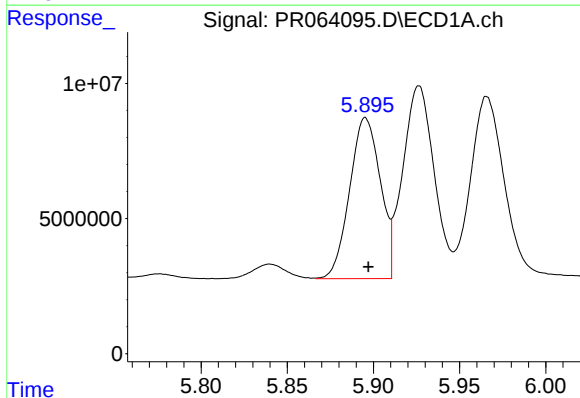
R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 94275208
Conc: 376.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



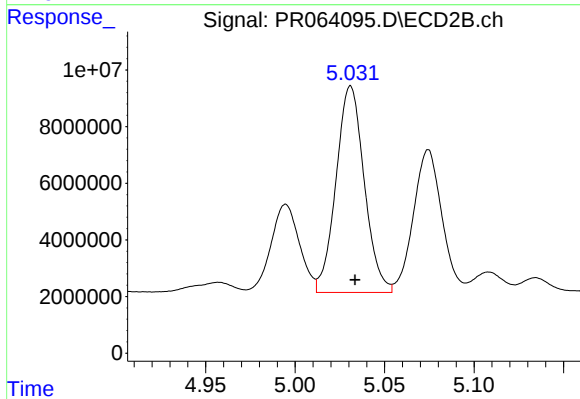
#25 AR-1248-5

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 55841791
Conc: 369.30 ng/ml



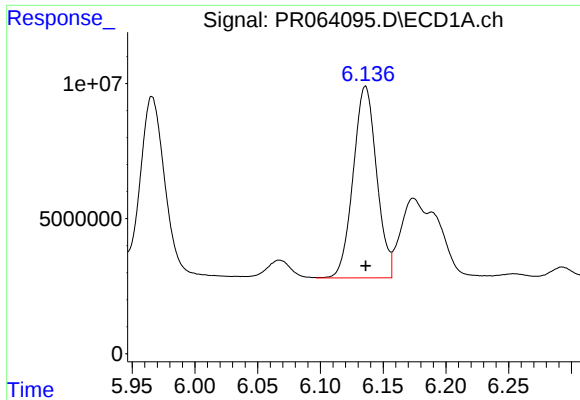
#26 AR-1254-1

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 73906988
Conc: 294.78 ng/ml



#26 AR-1254-1

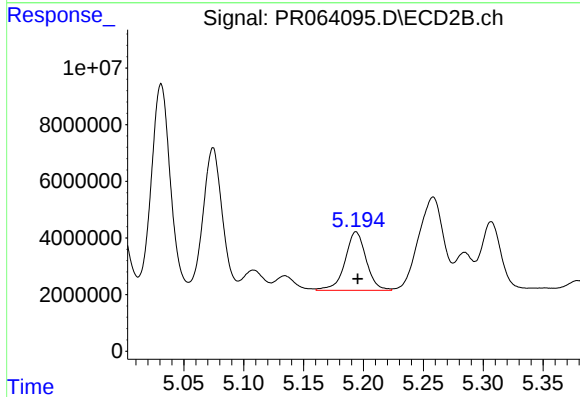
R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 80092121
Conc: 347.28 ng/ml



#27 AR-1254-2

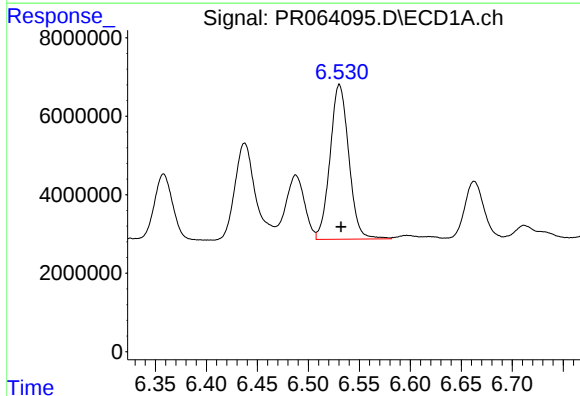
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 92182504
Conc: 242.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



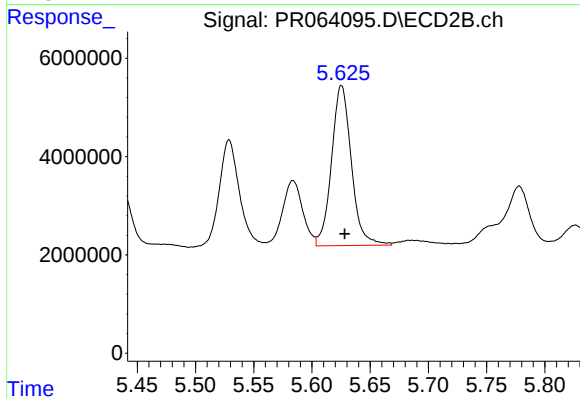
#27 AR-1254-2

R.T.: 5.194 min
Delta R.T.: -0.001 min
Response: 25502489
Conc: 128.79 ng/ml



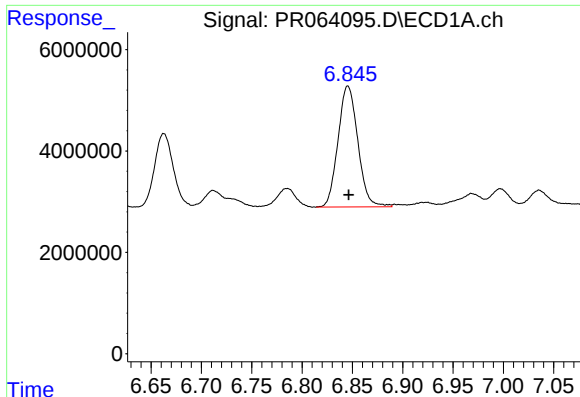
#28 AR-1254-3

R.T.: 6.530 min
Delta R.T.: -0.001 min
Response: 50528145
Conc: 129.68 ng/ml



#28 AR-1254-3

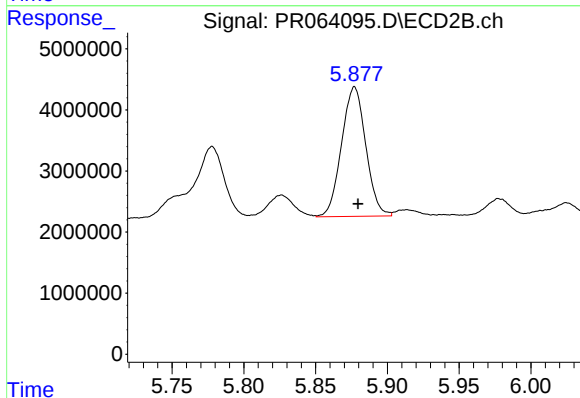
R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 38638680
Conc: 123.43 ng/ml



#29 AR-1254-4

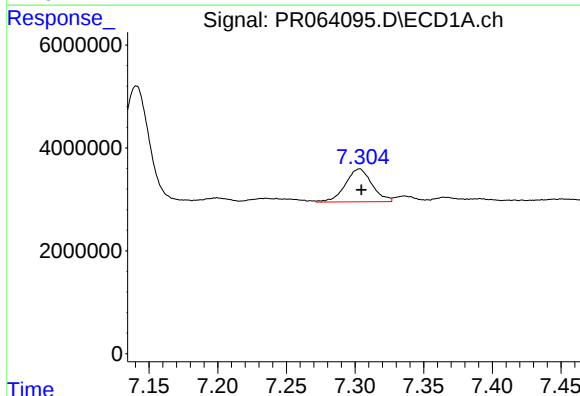
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 32745942
Conc: 122.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



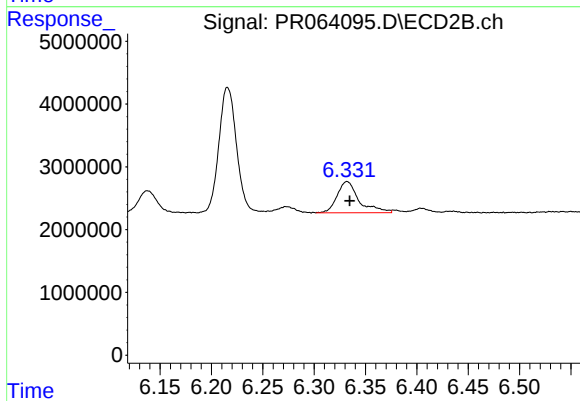
#29 AR-1254-4

R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 24983107
Conc: 132.95 ng/ml



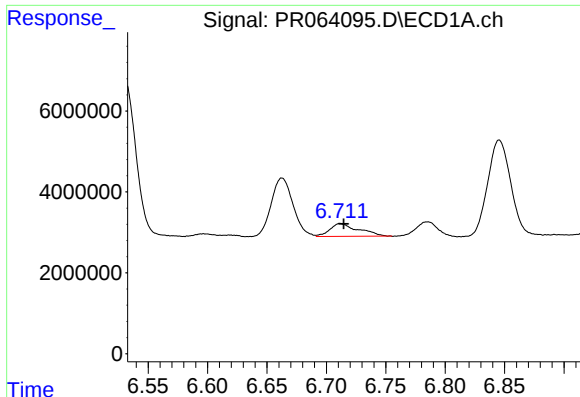
#30 AR-1254-5

R.T.: 7.303 min
Delta R.T.: -0.001 min
Response: 8614790
Conc: 29.30 ng/ml



#30 AR-1254-5

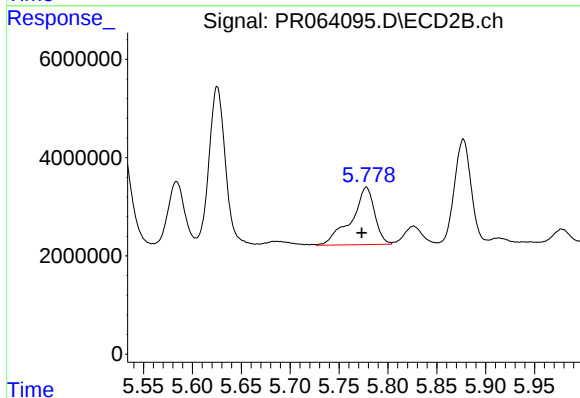
R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 7423441
Conc: 27.21 ng/ml



#31 AR-1260-1

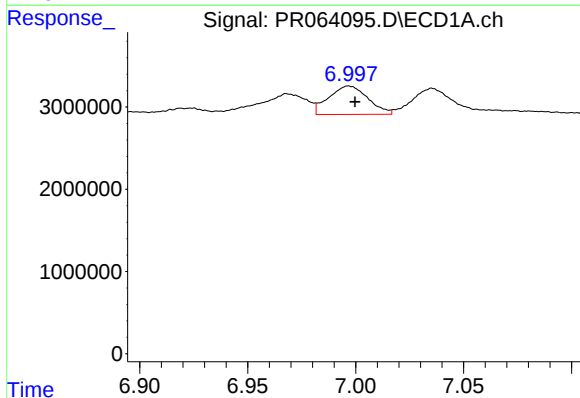
R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 5412577
Conc: 18.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



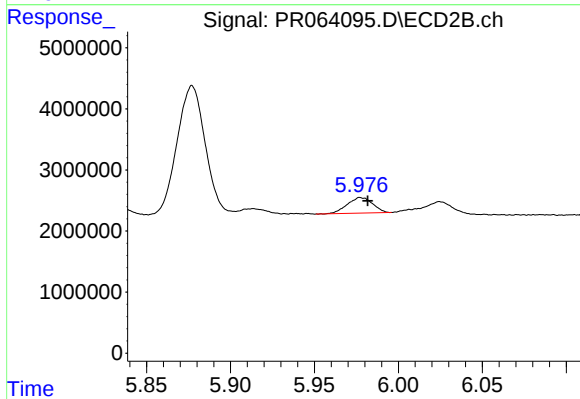
#31 AR-1260-1

R.T.: 5.778 min
Delta R.T.: 0.005 min
Response: 19423186
Conc: 86.51 ng/ml



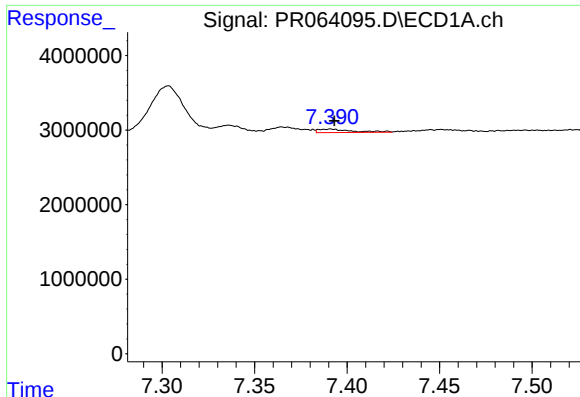
#32 AR-1260-2

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 4360211
Conc: 12.61 ng/ml



#32 AR-1260-2

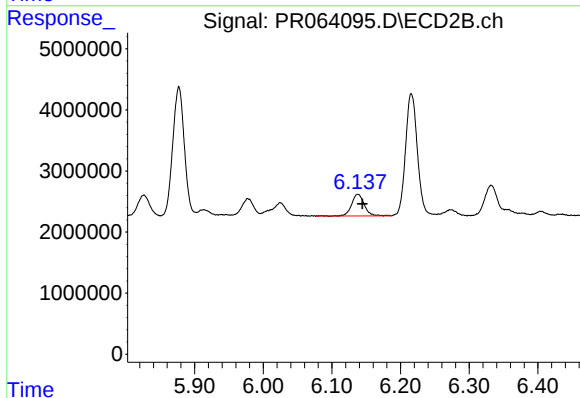
R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 2683801
Conc: 10.18 ng/ml



#33 AR-1260-3

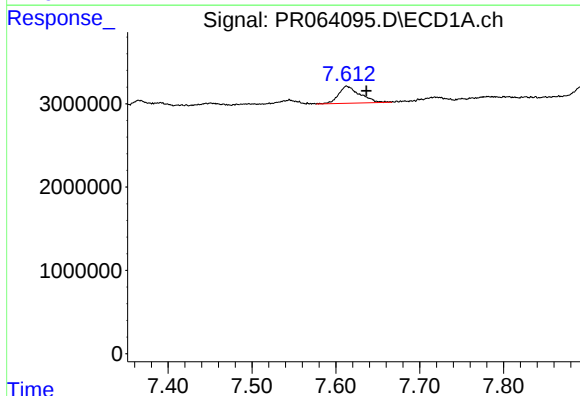
R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 566311
Conc: 2.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



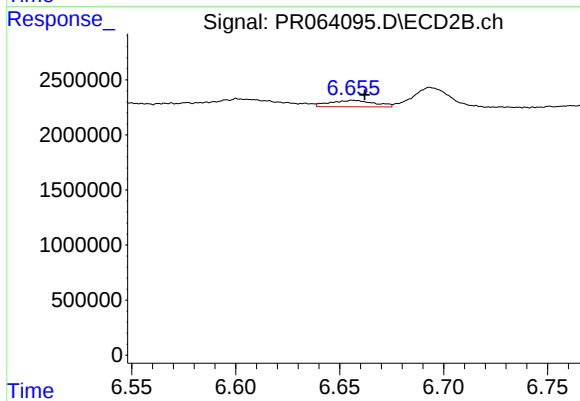
#33 AR-1260-3

R.T.: 6.138 min
Delta R.T.: -0.007 min
Response: 4668442
Conc: 18.46 ng/ml



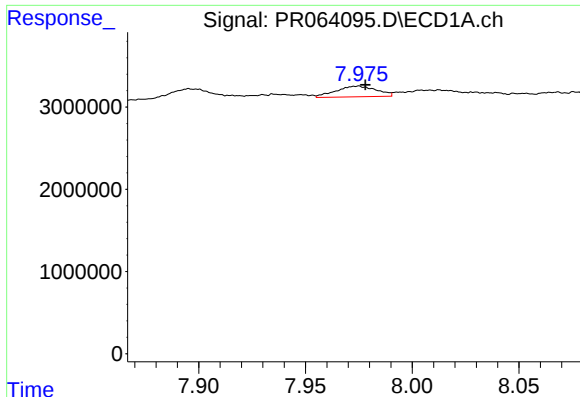
#34 AR-1260-4

R.T.: 7.613 min
Delta R.T.: -0.024 min
Response: 3629556
Conc: 12.84 ng/ml



#34 AR-1260-4

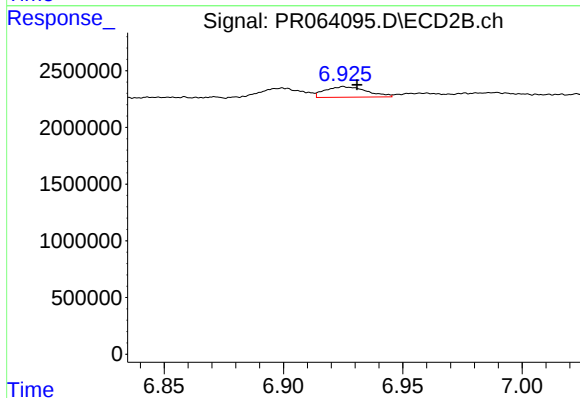
R.T.: 6.657 min
Delta R.T.: -0.005 min
Response: 876501
Conc: 4.44 ng/ml



#35 AR-1260-5

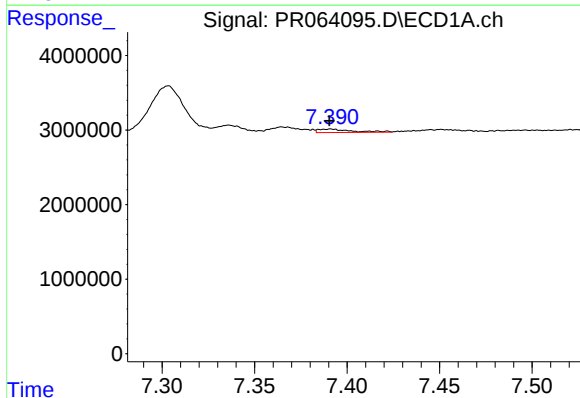
R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 1710392
Conc: 3.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



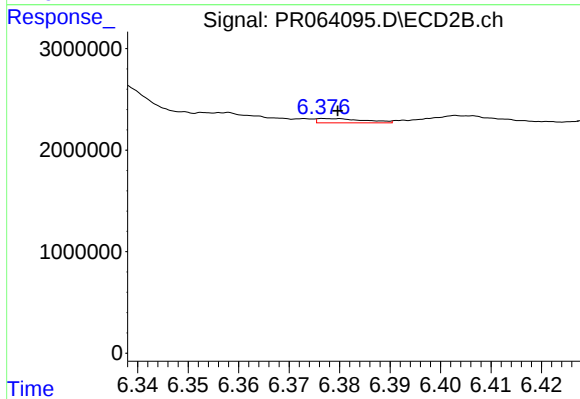
#35 AR-1260-5

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 1128664
Conc: 2.66 ng/ml



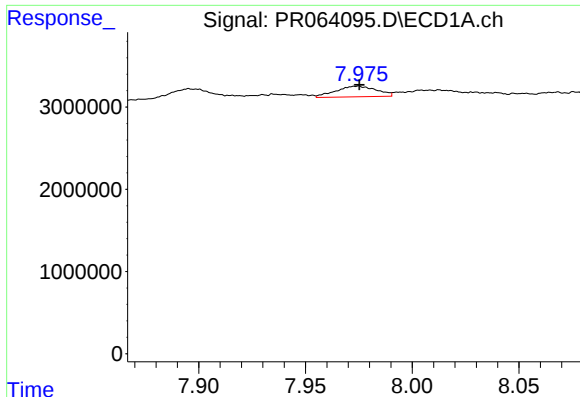
#36 AR-1262-1

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 566311
Conc: 1.50 ng/ml



#36 AR-1262-1

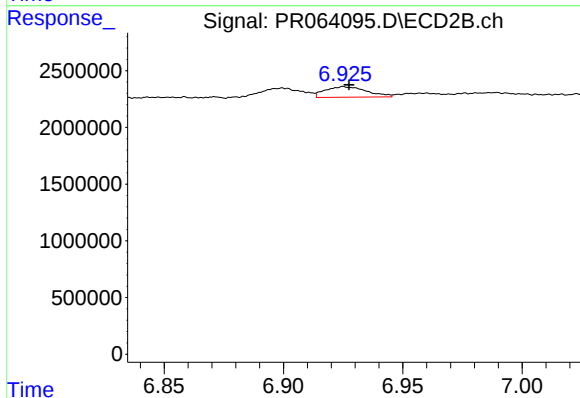
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 277900
Conc: 0.95 ng/ml



#37 AR-1262-2

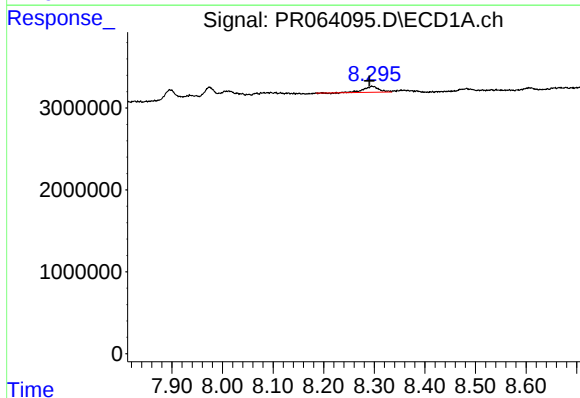
R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 1710392
Conc: 2.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



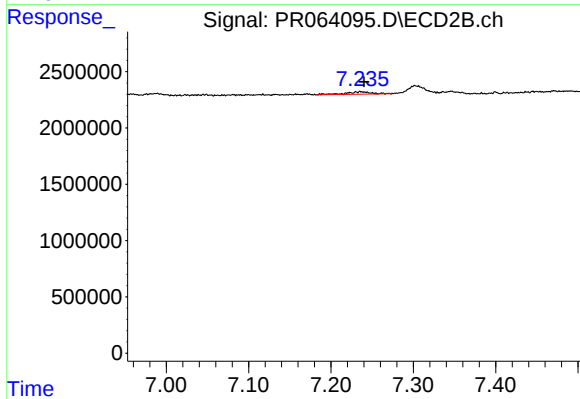
#37 AR-1262-2

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 1128664
Conc: 2.42 ng/ml



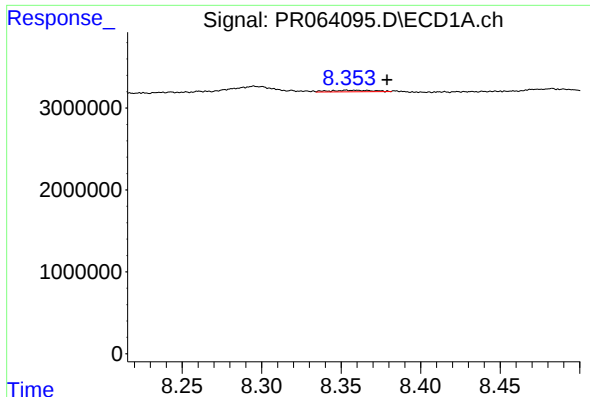
#38 AR-1262-3

R.T.: 8.295 min
Delta R.T.: 0.005 min
Response: 1518010
Conc: 3.62 ng/ml



#38 AR-1262-3

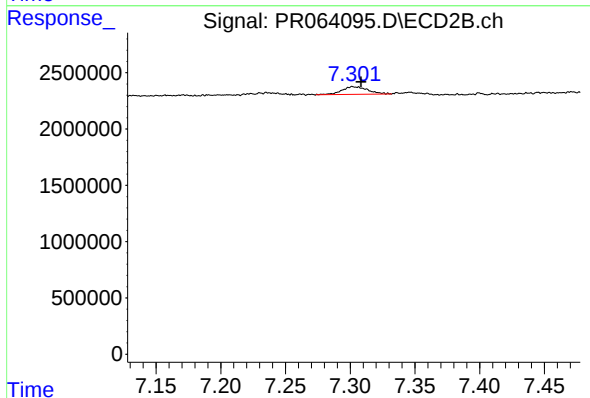
R.T.: 7.236 min
Delta R.T.: -0.005 min
Response: 459404
Conc: 2.52 ng/ml



#39 AR-1262-4

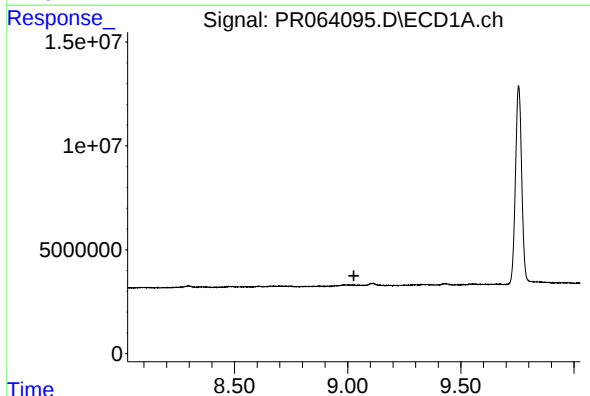
R.T.: 8.353 min
Delta R.T.: -0.026 min
Response: 361328
Conc: 1.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



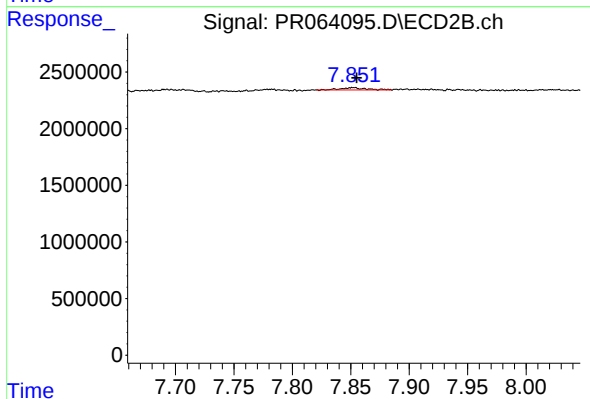
#39 AR-1262-4

R.T.: 7.303 min
Delta R.T.: -0.005 min
Response: 931868
Conc: 2.77 ng/ml



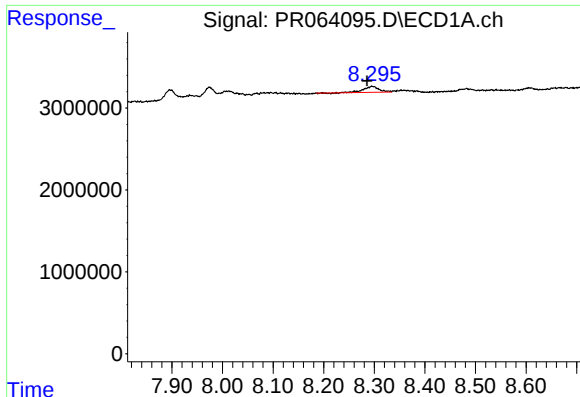
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.027 min
Response: 0
Conc: N.D.



#40 AR-1262-5

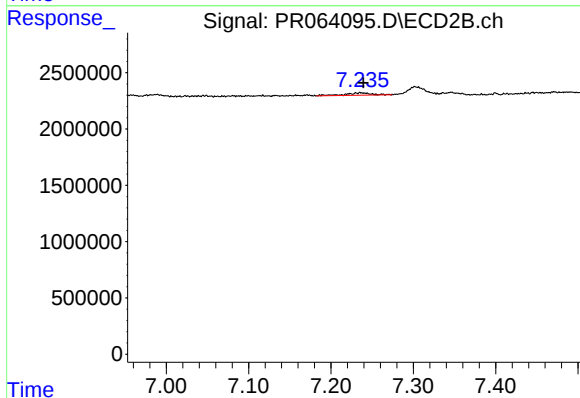
R.T.: 7.852 min
Delta R.T.: -0.004 min
Response: 306628
Conc: 2.10 ng/ml



#41 AR-1268-1

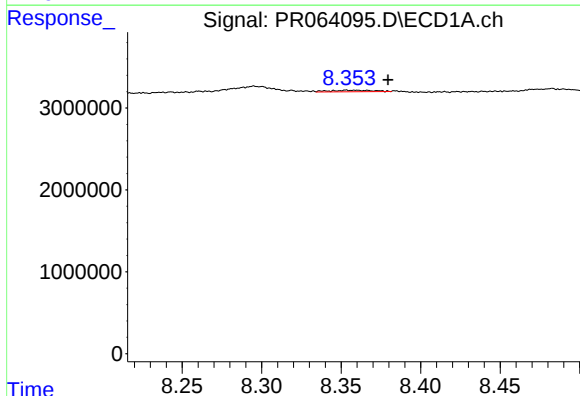
R.T.: 8.295 min
Delta R.T.: 0.009 min
Response: 1518010
Conc: 2.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



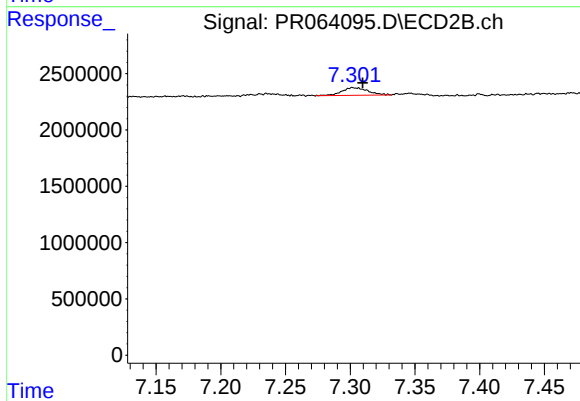
#41 AR-1268-1

R.T.: 7.236 min
Delta R.T.: -0.004 min
Response: 459404
Conc: 0.88 ng/ml



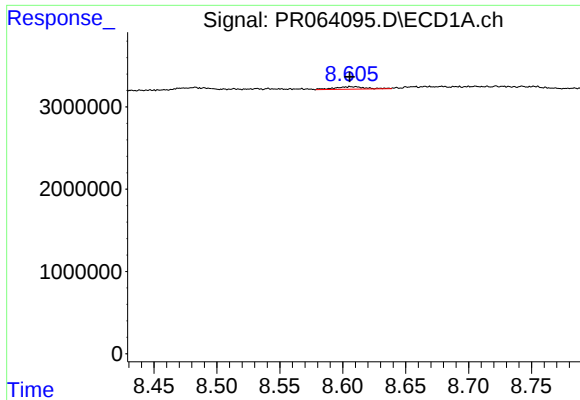
#42 AR-1268-2

R.T.: 8.353 min
Delta R.T.: -0.026 min
Response: 361328
Conc: 0.54 ng/ml



#42 AR-1268-2

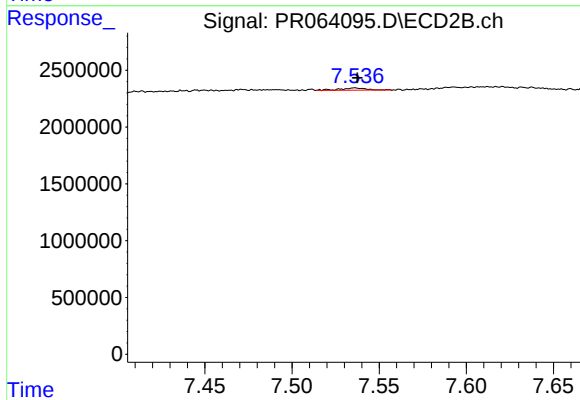
R.T.: 7.303 min
Delta R.T.: -0.007 min
Response: 931868
Conc: 1.97 ng/ml



#43 AR-1268-3

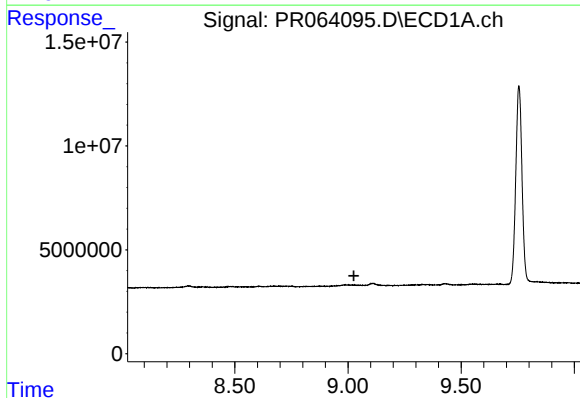
R.T.: 8.606 min
Delta R.T.: 0.000 min
Response: 501200
Conc: 0.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



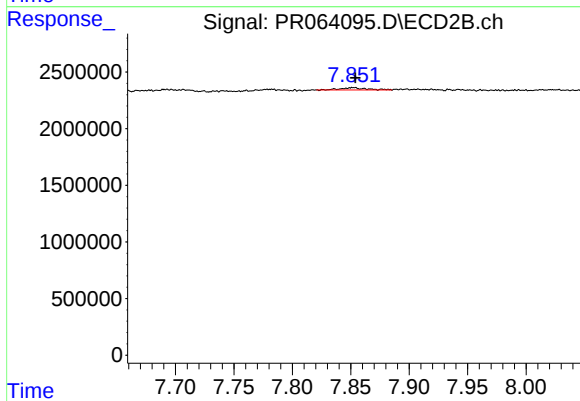
#43 AR-1268-3

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 203810
Conc: 0.51 ng/ml



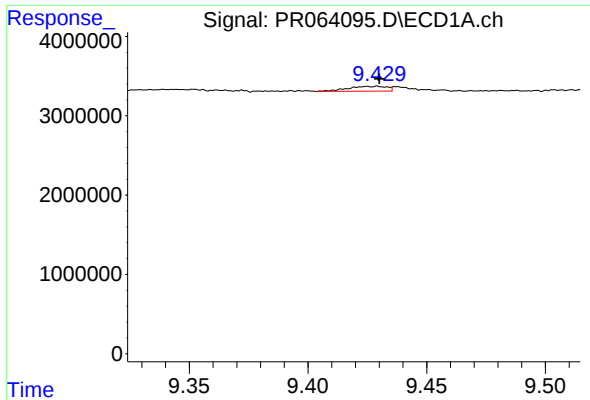
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.026 min
Response: 0
Conc: N.D.



#44 AR-1268-4

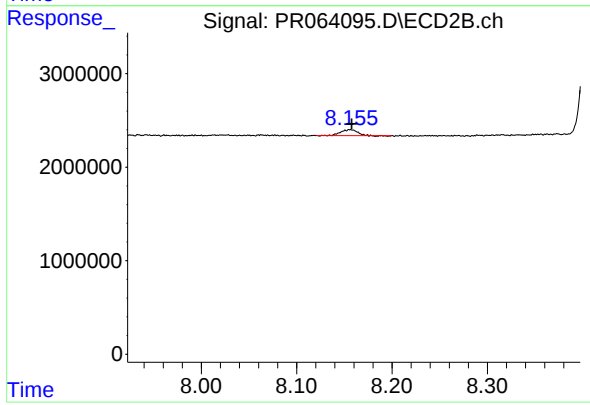
R.T.: 7.852 min
Delta R.T.: -0.002 min
Response: 306628
Conc: 1.88 ng/ml



#45 AR-1268-5

R.T.: 9.429 min
Delta R.T.: -0.001 min
Response: 699759
Conc: 0.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.156 min
Delta R.T.: -0.002 min
Response: 731655
Conc: 0.63 ng/ml