

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090823\
 Data File : PR063128.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 21:29
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 22:59:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 05:38:44 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...	3.678	2.949	43736614	61793410	18.979	20.386
2)	SA Decachlor...	9.603	8.218	63436698	144.3E6	39.701	38.730
Target Compounds							
3)	L1 AR-1016-1	4.906	4.070	19035009	27030632	251.291	261.706
4)	L1 AR-1016-2	4.929	4.088	23441019	27807878	211.852	189.409
5)	L1 AR-1016-3	4.993	4.269	11243178	18489010	161.911	231.146 #
6)	L1 AR-1016-4	5.095	4.319	12279417	38117186	227.854	588.536 #
7)	L1 AR-1016-5	5.414	4.537	30704063	45799315	545.952	542.128
8)	L2 AR-1221-1	0.000	3.173	0	250351	N.D.	6.548 #
9)	L2 AR-1221-2	3.990	3.255	941442	1253094	48.173	45.270
10)	L2 AR-1221-3	4.069	3.338	1685963	2843083	25.308	31.413
11)	L3 AR-1232-1	4.069	3.338	1685963	2843083	30.559	37.475
12)	L3 AR-1232-2	4.621	4.088	8255944	27807878	312.652	407.556 #
13)	L3 AR-1232-3	4.929	4.269	23441019	18489010	461.643	510.445
14)	L3 AR-1232-4	5.095	4.361	12279417	38924024	507.021	1169.272 #
15)	L3 AR-1232-5	5.200	4.537	27441319	45799315	1408.711	1232.886
16)	L4 AR-1242-1	4.906	4.070	19035009	27030632	272.244	278.929
17)	L4 AR-1242-2	4.929	4.088	23441019	27807878	234.982	204.195
18)	L4 AR-1242-3	4.993	4.269	11243178	18489010	179.674	249.619 #
19)	L4 AR-1242-4	5.095	4.361	12279417	38924024	247.957	527.566 #
20)	L4 AR-1242-5	5.887	4.909	31923353	67744130	626.957	722.349
21)	L5 AR-1248-1	4.906	4.070	19035009	27030632	374.249	376.733
22)	L5 AR-1248-2	5.200	4.319	27441319	38117186	374.568	370.438
23)	L5 AR-1248-3	5.414	4.361	30704063	38924024	365.945	369.393
24)	L5 AR-1248-4	5.847	4.537	32243919	45799315	373.110	361.948
25)	L5 AR-1248-5	5.887	4.951	31923353	48179398	380.141	380.546
26)	L6 AR-1254-1	5.816	4.909	26298396	67744130	291.789	361.904
27)	L6 AR-1254-2	6.055	5.068	33087444	21634606	238.265	130.434 #
28)	L6 AR-1254-3	6.447	5.492	18542687	34583406	132.125	127.373
29)	L6 AR-1254-4	6.759	5.738	11235339	23377868	118.298	134.499
30)	L6 AR-1254-5	7.214	6.184	2816984	7925127	27.155	31.032
31)	L7 AR-1260-1	6.629	5.642	2250675	18139527	21.092	97.448 #
32)	L7 AR-1260-2	6.909	5.837	1566016	3428114	13.006	15.222
33)	L7 AR-1260-3	7.248f	5.996	327562	6275466	3.650	28.253 #
34)	L7 AR-1260-4	7.524	6.505	1369359	688610	13.844	3.691 #
35)	L7 AR-1260-5	7.881	6.769	513761	1722473	2.926	3.938 #
36)	L8 AR-1262-1	7.248f	6.255	327562	911050	2.554	3.462 #
37)	L8 AR-1262-2	7.881	6.769	513761	1722473	2.593	3.537 #
38)	L8 AR-1262-3	8.194	7.086	468906	1902763	3.385	9.642 #
39)	L8 AR-1262-4	8.263	7.138	716262	2988122	6.606	8.033
40)	L8 AR-1262-5	0.000	7.682	0	384580	N.D.	2.138 #
41)	L9 AR-1268-1	8.194	7.086	468906	1902763	1.874	3.267 #

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 Response via : Initial Calibration
 Integrator: ChemStation

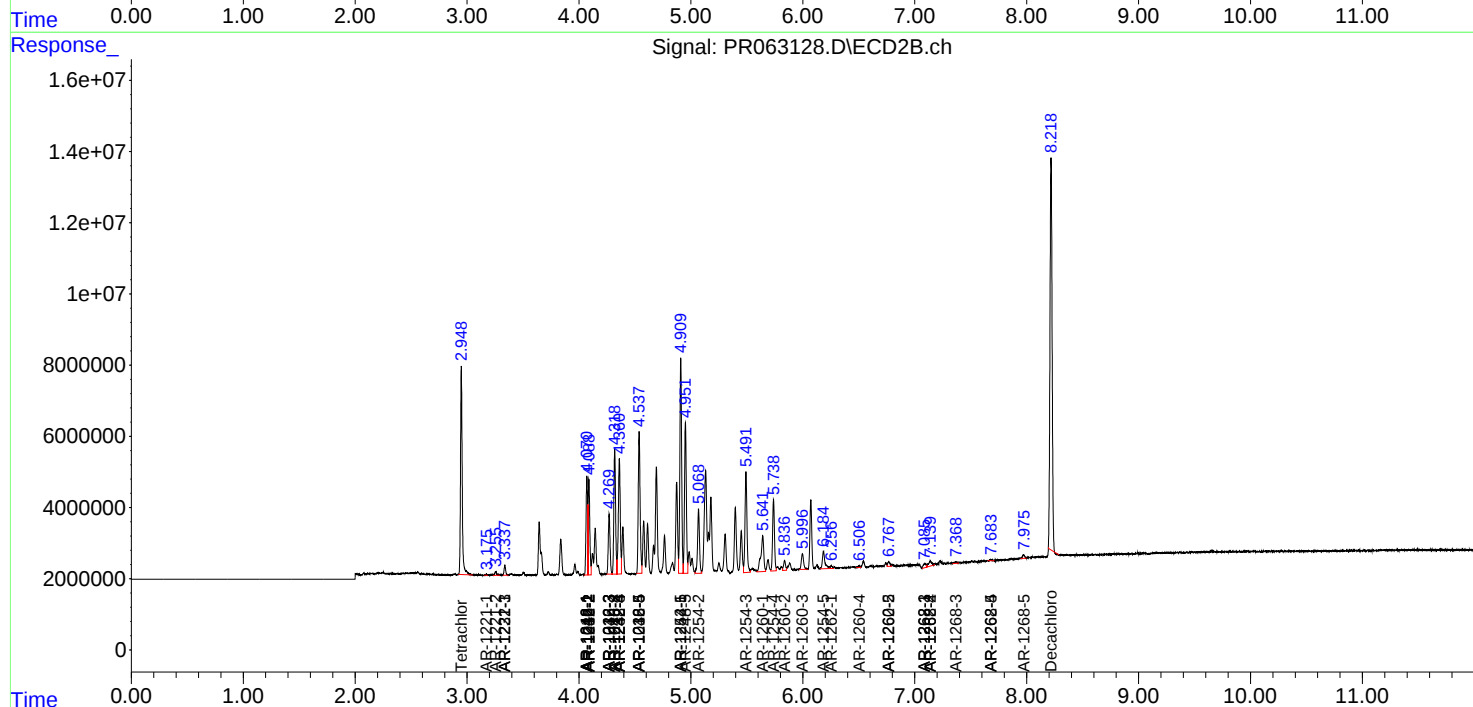
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

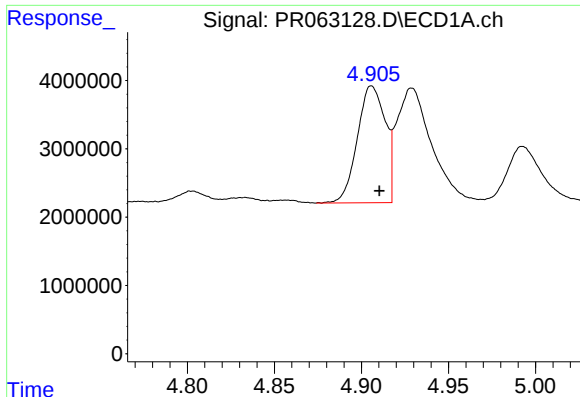
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.263	7.138	716262	2988122	3.134	5.569 #
43) L9	AR-1268-3	0.000	7.363	0	695275	N.D.	1.472 #
44) L9	AR-1268-4	0.000	7.682	0	384580	N.D.	1.898 #
45) L9	AR-1268-5	0.000	7.973	0	1339872	N.D.	0.912 #

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

Instrument :
ECD_D
ClientSampleId :

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

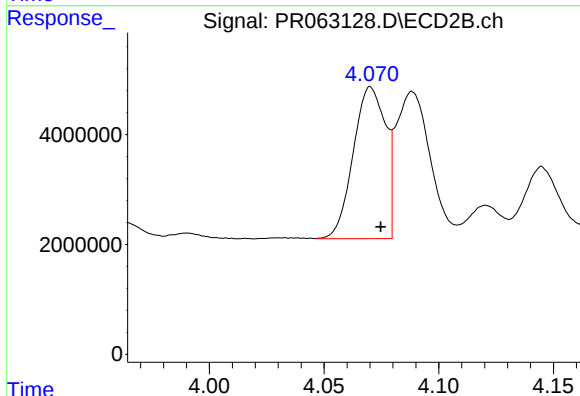




#3 AR-1016-1

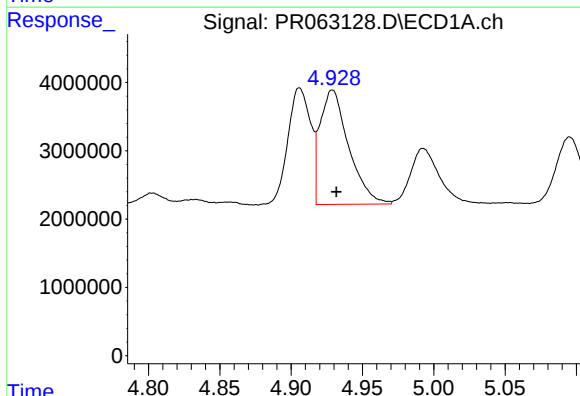
R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 19035009
Conc: 251.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



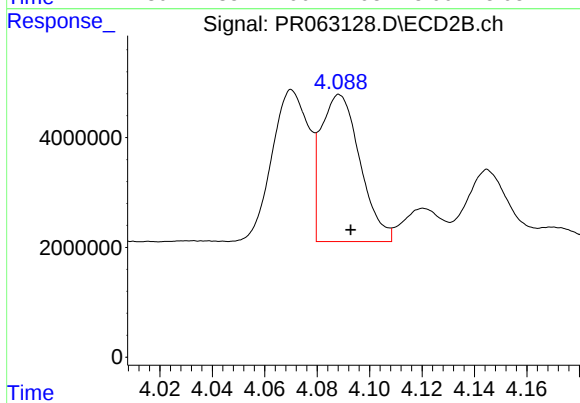
#3 AR-1016-1

R.T.: 4.070 min
Delta R.T.: -0.004 min
Response: 27030632
Conc: 261.71 ng/ml



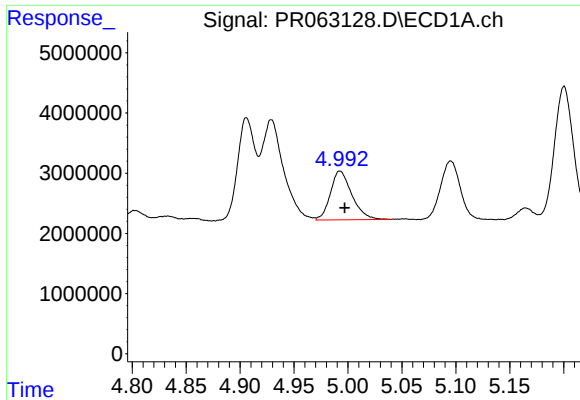
#4 AR-1016-2

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 23441019
Conc: 211.85 ng/ml



#4 AR-1016-2

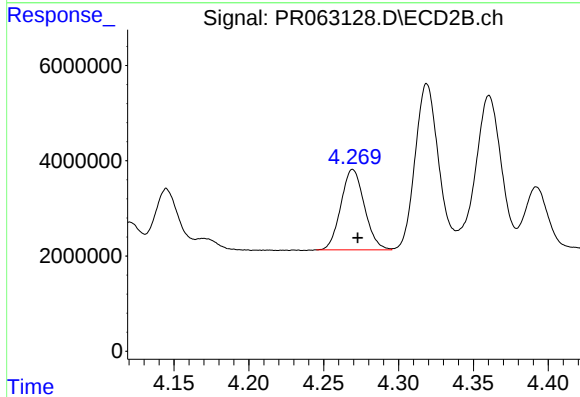
R.T.: 4.088 min
Delta R.T.: -0.004 min
Response: 27807878
Conc: 189.41 ng/ml



#5 AR-1016-3

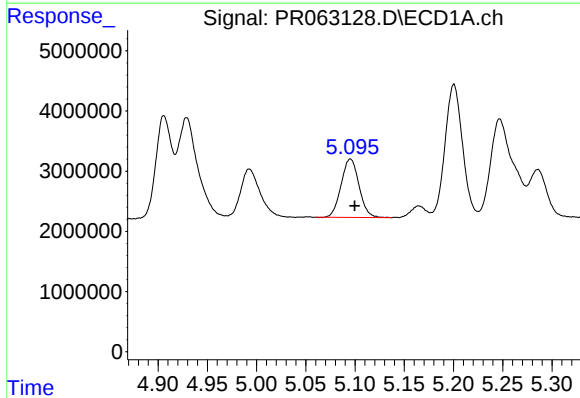
R.T.: 4.993 min
Delta R.T.: -0.004 min
Response: 11243178
Conc: 161.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



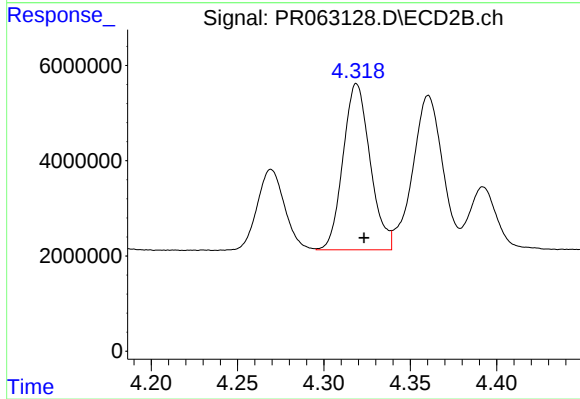
#5 AR-1016-3

R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 18489010
Conc: 231.15 ng/ml



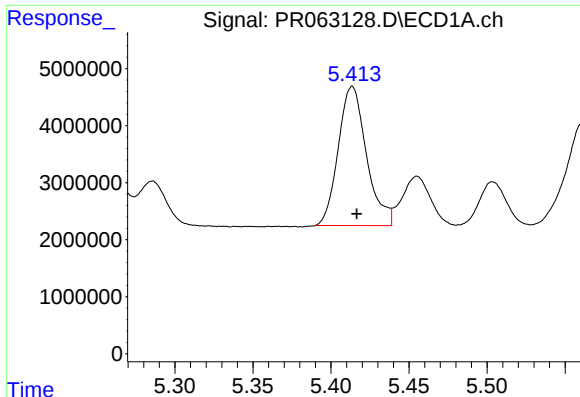
#6 AR-1016-4

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 12279417
Conc: 227.85 ng/ml



#6 AR-1016-4

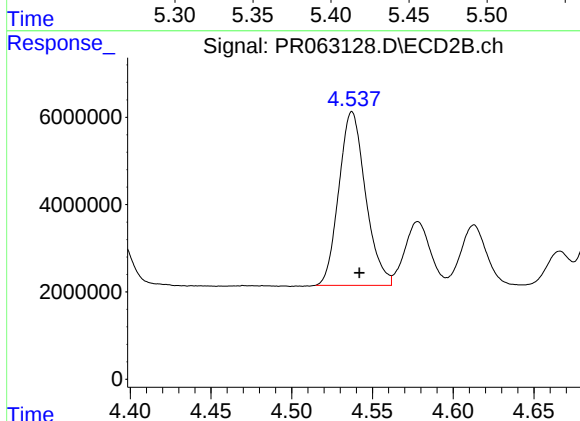
R.T.: 4.319 min
Delta R.T.: -0.004 min
Response: 38117186
Conc: 588.54 ng/ml



#7 AR-1016-5

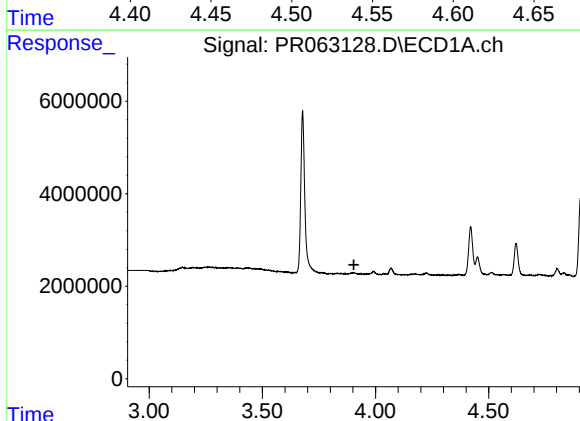
R.T.: 5.414 min
Delta R.T.: -0.003 min
Response: 30704063
Conc: 545.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



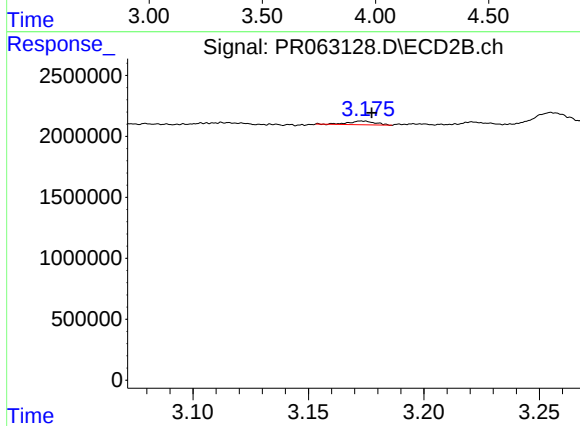
#7 AR-1016-5

R.T.: 4.537 min
Delta R.T.: -0.005 min
Response: 45799315
Conc: 542.13 ng/ml



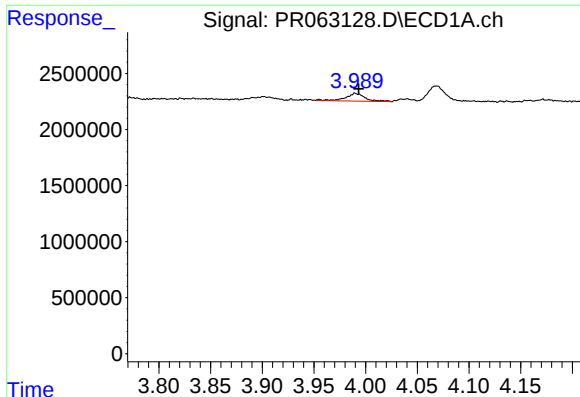
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.905 min
Response: 0
Conc: N.D.



#8 AR-1221-1

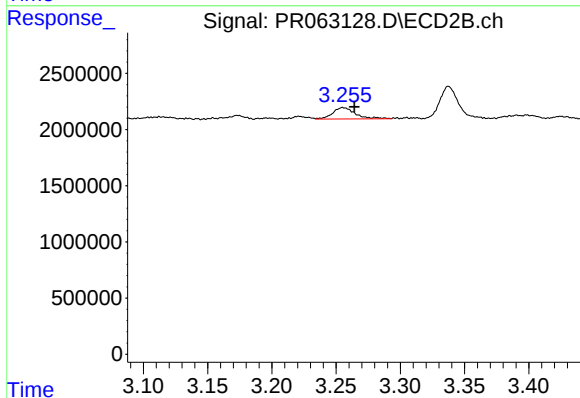
R.T.: 3.173 min
Delta R.T.: -0.004 min
Response: 250351
Conc: 6.55 ng/ml



#9 AR-1221-2

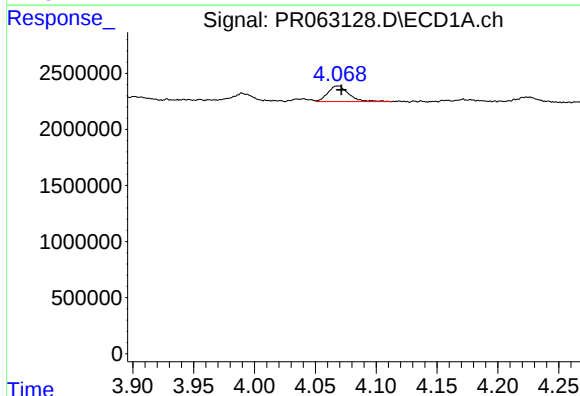
R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 941442
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



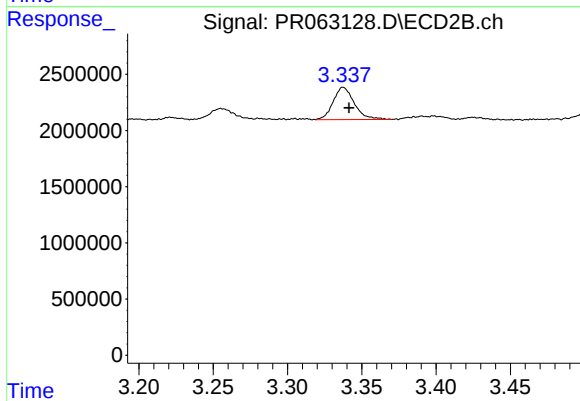
#9 AR-1221-2

R.T.: 3.255 min
Delta R.T.: -0.009 min
Response: 1253094
Conc: 45.27 ng/ml



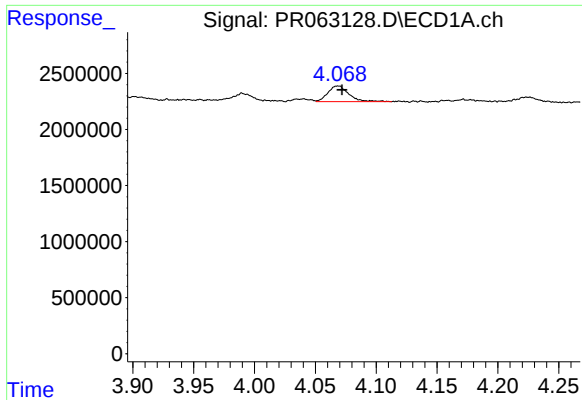
#10 AR-1221-3

R.T.: 4.069 min
Delta R.T.: -0.003 min
Response: 1685963
Conc: 25.31 ng/ml



#10 AR-1221-3

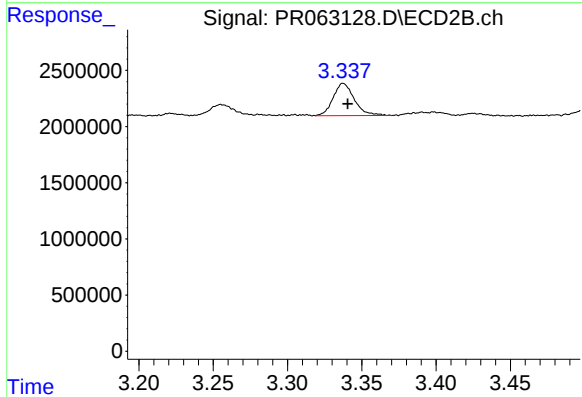
R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 2843083
Conc: 31.41 ng/ml



#11 AR-1232-1

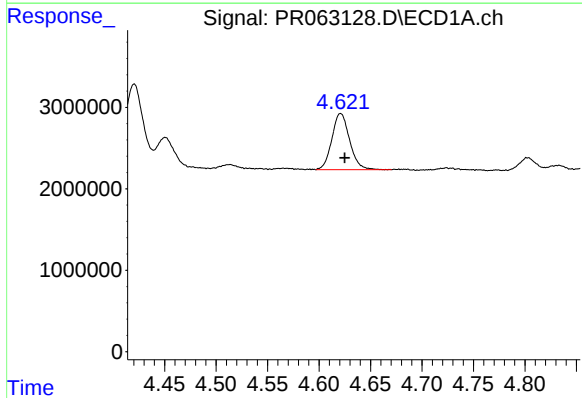
R.T.: 4.069 min
Delta R.T.: -0.003 min
Response: 1685963
Conc: 30.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



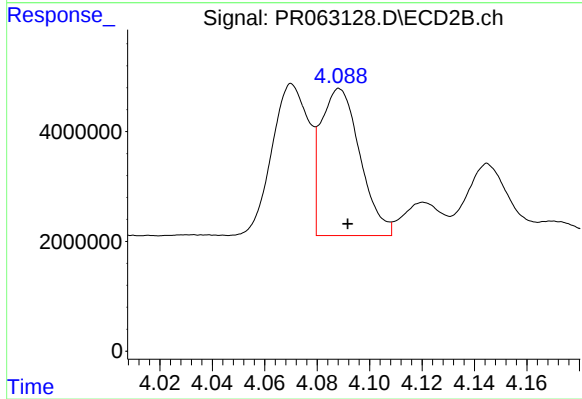
#11 AR-1232-1

R.T.: 3.338 min
Delta R.T.: -0.003 min
Response: 2843083
Conc: 37.47 ng/ml



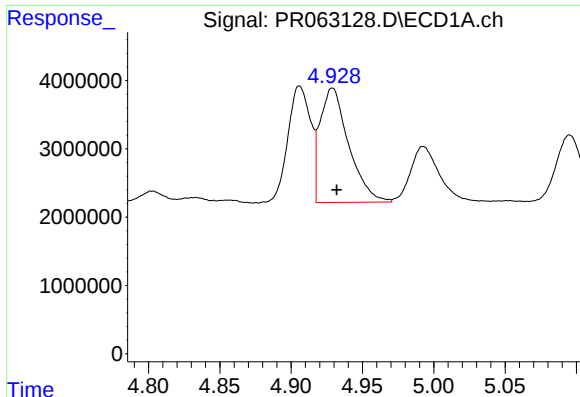
#12 AR-1232-2

R.T.: 4.621 min
Delta R.T.: -0.004 min
Response: 8255944
Conc: 312.65 ng/ml



#12 AR-1232-2

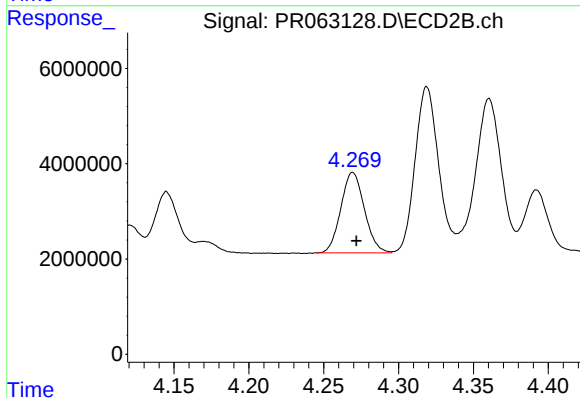
R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 27807878
Conc: 407.56 ng/ml



#13 AR-1232-3

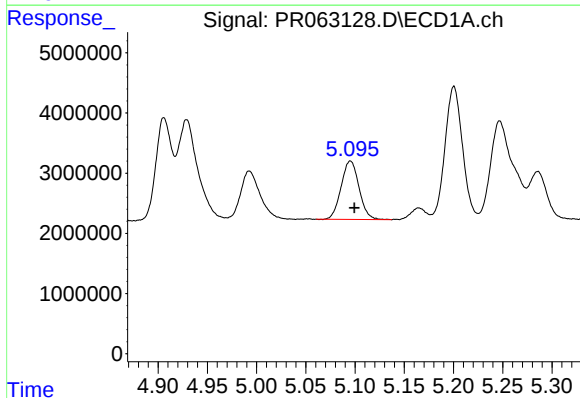
R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 23441019
Conc: 461.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



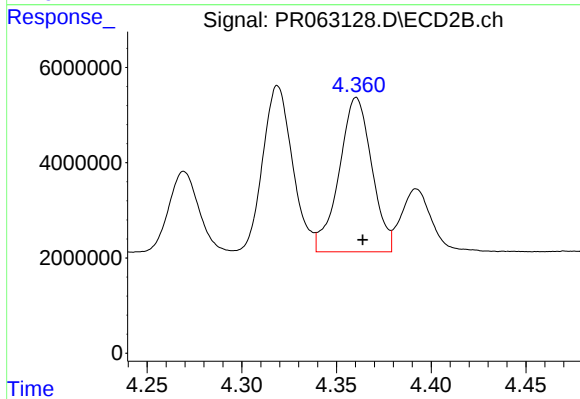
#13 AR-1232-3

R.T.: 4.269 min
Delta R.T.: -0.002 min
Response: 18489010
Conc: 510.45 ng/ml



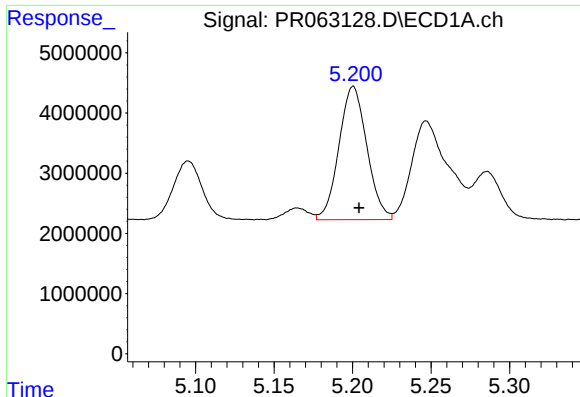
#14 AR-1232-4

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 12279417
Conc: 507.02 ng/ml



#14 AR-1232-4

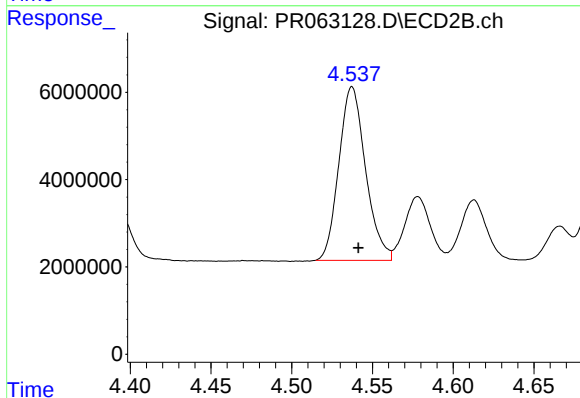
R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 38924024
Conc: 1169.27 ng/ml



#15 AR-1232-5

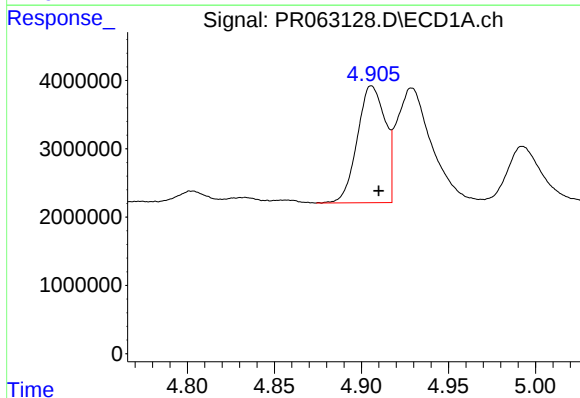
R.T.: 5.200 min
Delta R.T.: -0.004 min
Response: 27441319
Conc: 1408.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



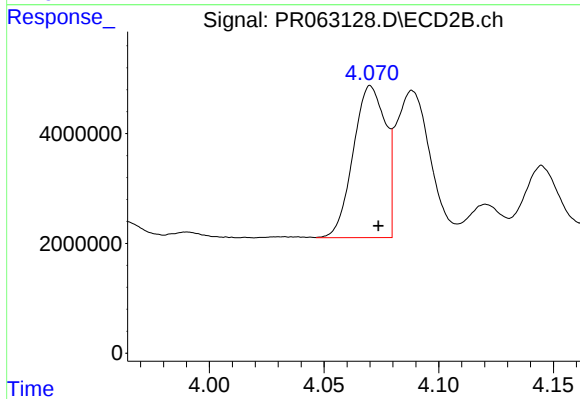
#15 AR-1232-5

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 45799315
Conc: 1232.89 ng/ml



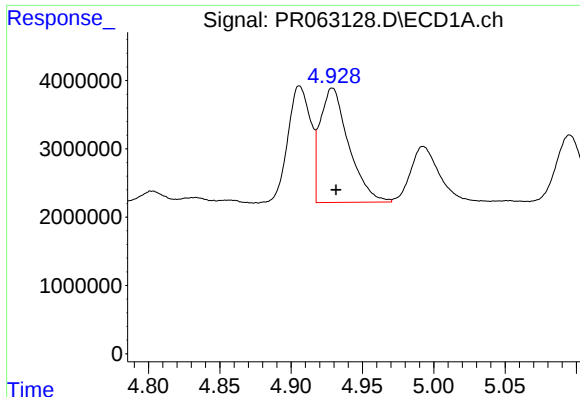
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 19035009
Conc: 272.24 ng/ml



#16 AR-1242-1

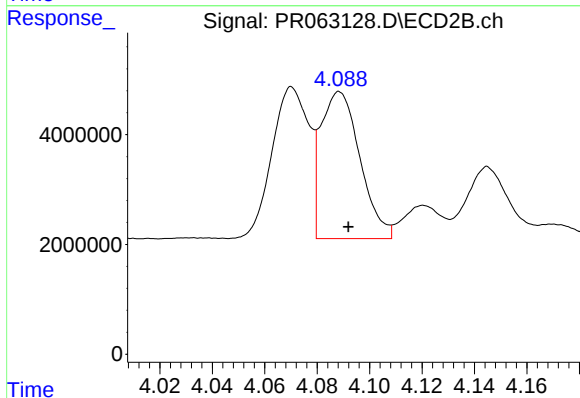
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 27030632
Conc: 278.93 ng/ml



#17 AR-1242-2

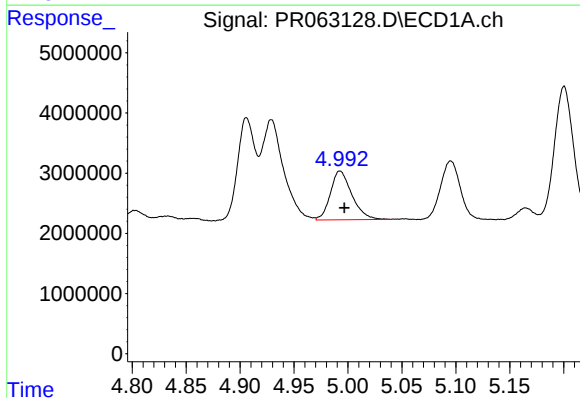
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 23441019
Conc: 234.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



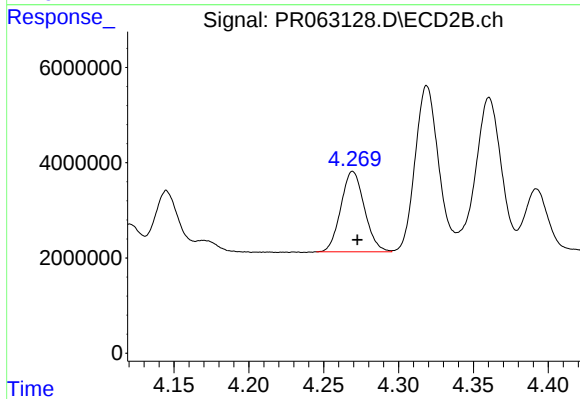
#17 AR-1242-2

R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 27807878
Conc: 204.20 ng/ml



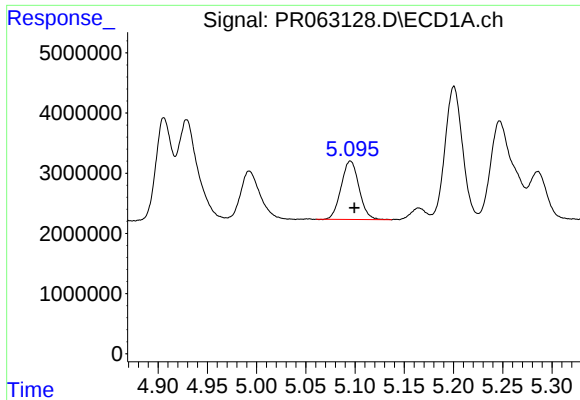
#18 AR-1242-3

R.T.: 4.993 min
Delta R.T.: -0.004 min
Response: 11243178
Conc: 179.67 ng/ml



#18 AR-1242-3

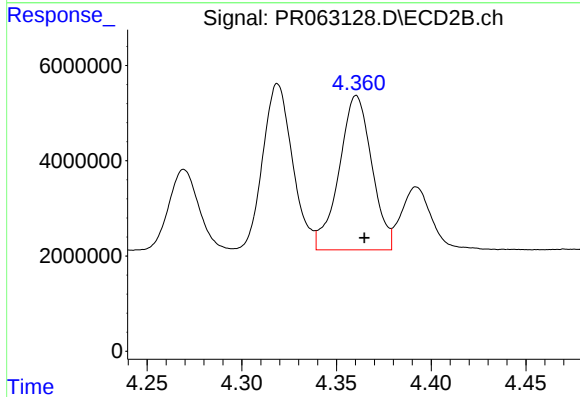
R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 18489010
Conc: 249.62 ng/ml



#19 AR-1242-4

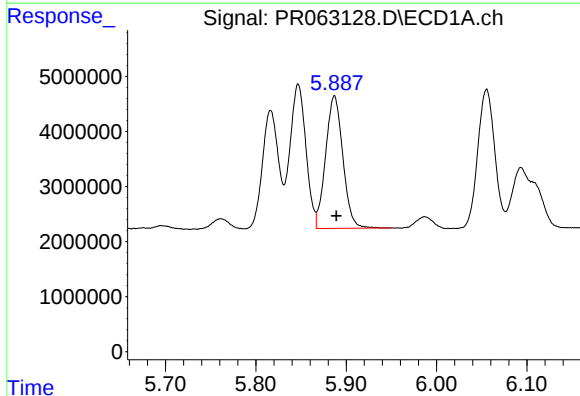
R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 12279417
Conc: 247.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



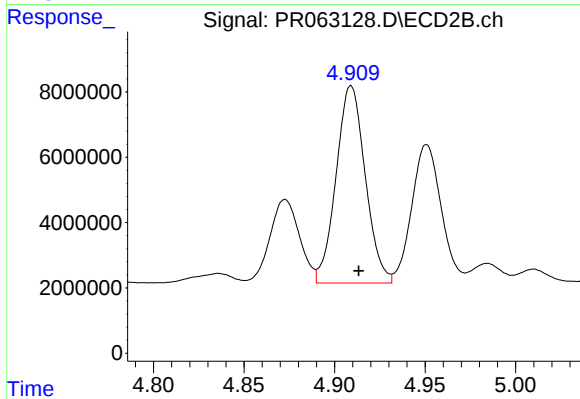
#19 AR-1242-4

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 38924024
Conc: 527.57 ng/ml



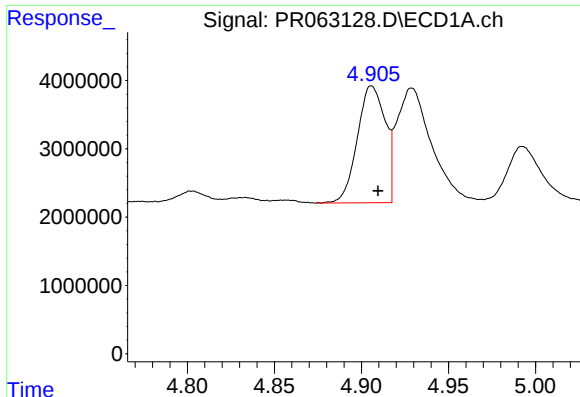
#20 AR-1242-5

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 31923353
Conc: 626.96 ng/ml



#20 AR-1242-5

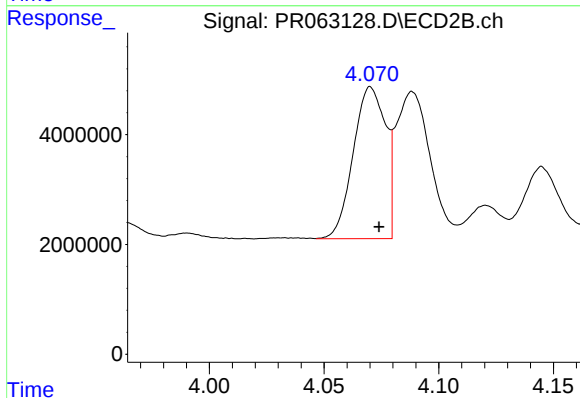
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 67744130
Conc: 722.35 ng/ml



#21 AR-1248-1

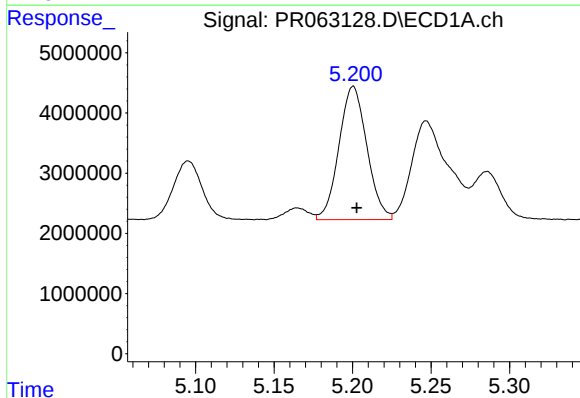
R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 19035009
Conc: 374.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



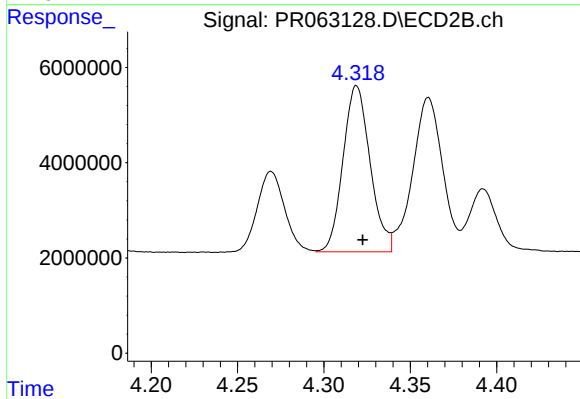
#21 AR-1248-1

R.T.: 4.070 min
Delta R.T.: -0.004 min
Response: 27030632
Conc: 376.73 ng/ml



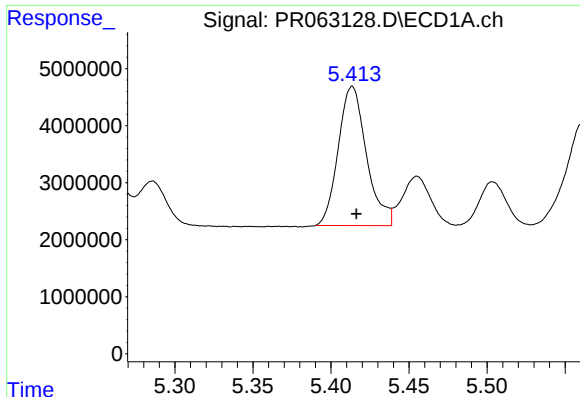
#22 AR-1248-2

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 27441319
Conc: 374.57 ng/ml



#22 AR-1248-2

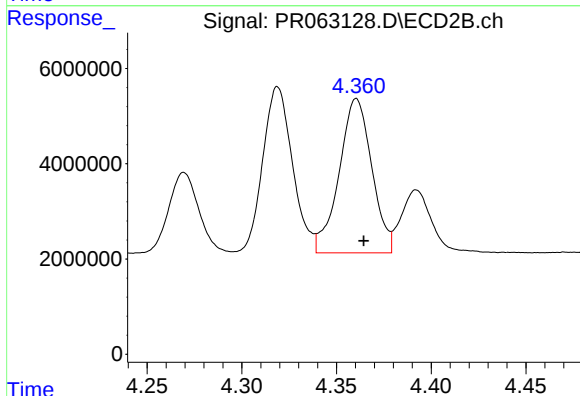
R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 38117186
Conc: 370.44 ng/ml



#23 AR-1248-3

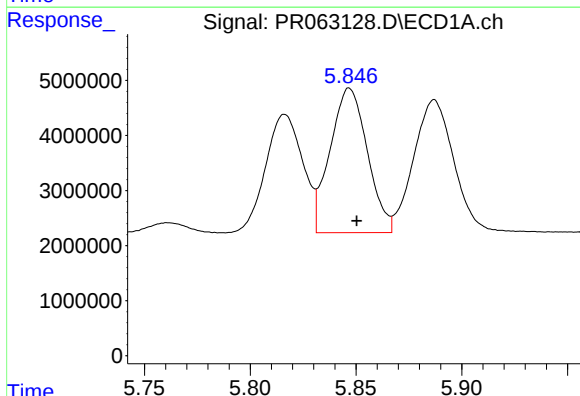
R.T.: 5.414 min
Delta R.T.: -0.003 min
Response: 30704063
Conc: 365.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



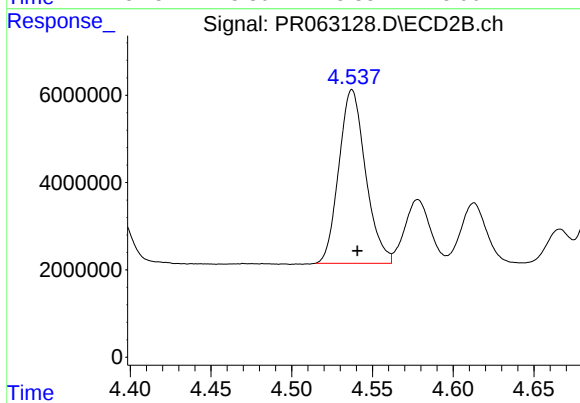
#23 AR-1248-3

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 38924024
Conc: 369.39 ng/ml



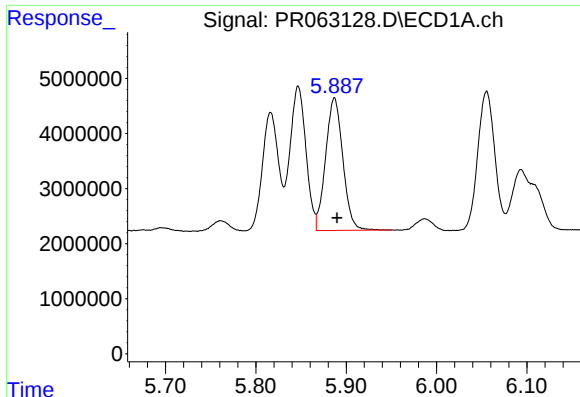
#24 AR-1248-4

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 32243919
Conc: 373.11 ng/ml



#24 AR-1248-4

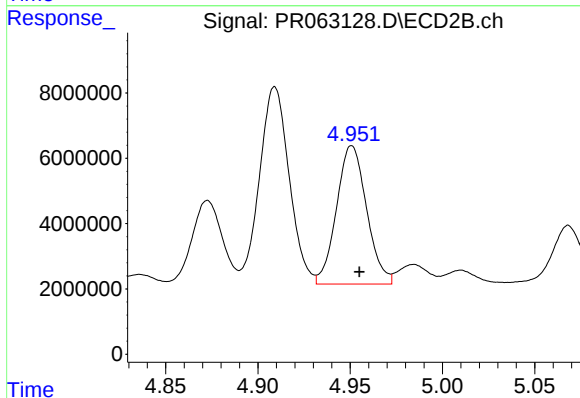
R.T.: 4.537 min
Delta R.T.: -0.003 min
Response: 45799315
Conc: 361.95 ng/ml



#25 AR-1248-5

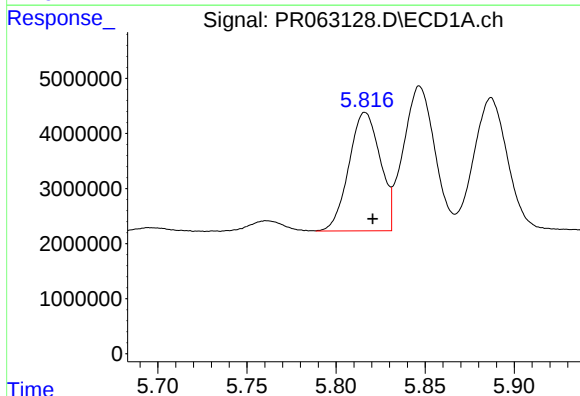
R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 31923353
Conc: 380.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



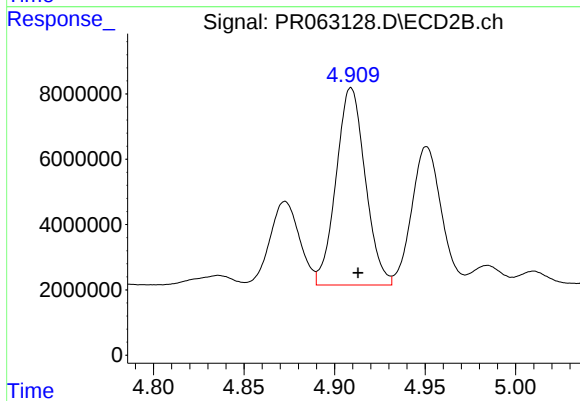
#25 AR-1248-5

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 48179398
Conc: 380.55 ng/ml



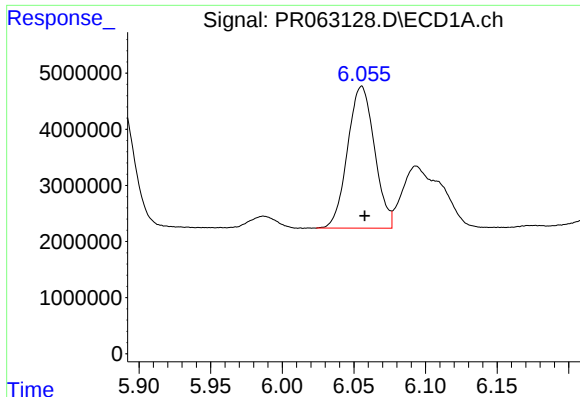
#26 AR-1254-1

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 26298396
Conc: 291.79 ng/ml



#26 AR-1254-1

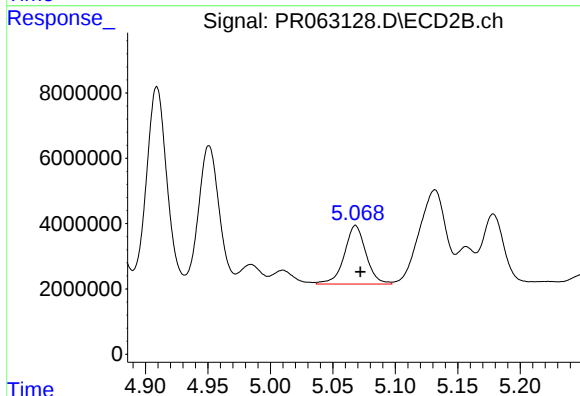
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 67744130
Conc: 361.90 ng/ml



#27 AR-1254-2

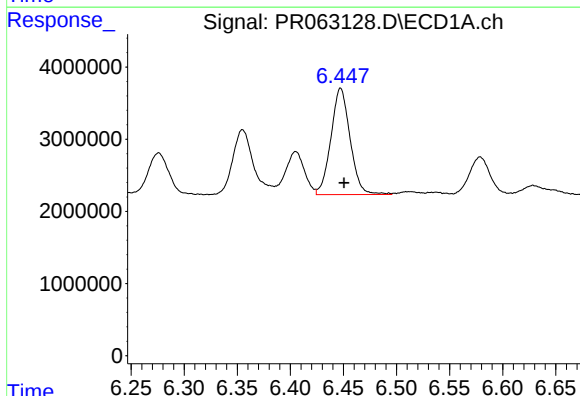
R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 33087444
Conc: 238.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



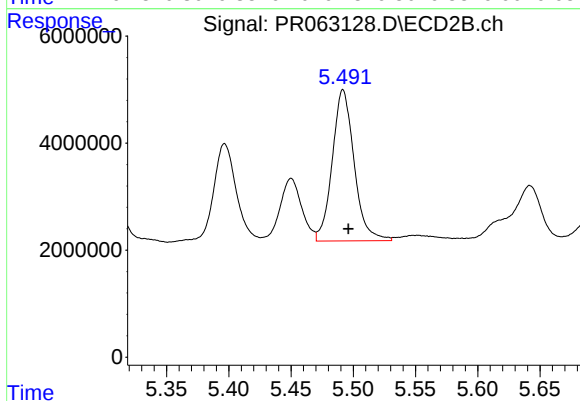
#27 AR-1254-2

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 21634606
Conc: 130.43 ng/ml



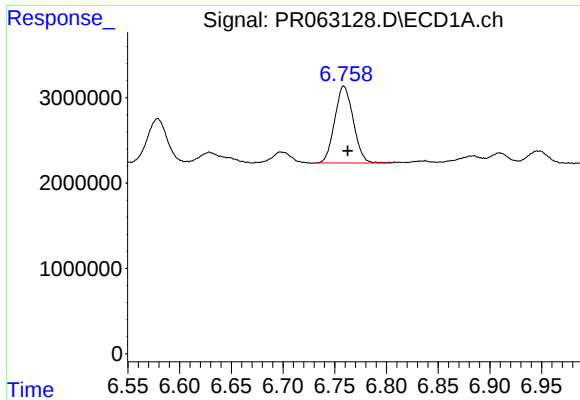
#28 AR-1254-3

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 18542687
Conc: 132.12 ng/ml



#28 AR-1254-3

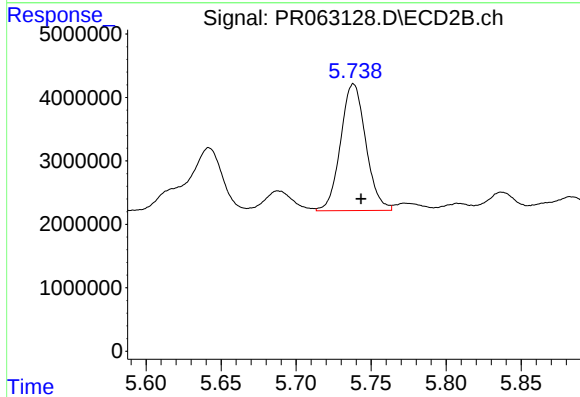
R.T.: 5.492 min
Delta R.T.: -0.004 min
Response: 34583406
Conc: 127.37 ng/ml



#29 AR-1254-4

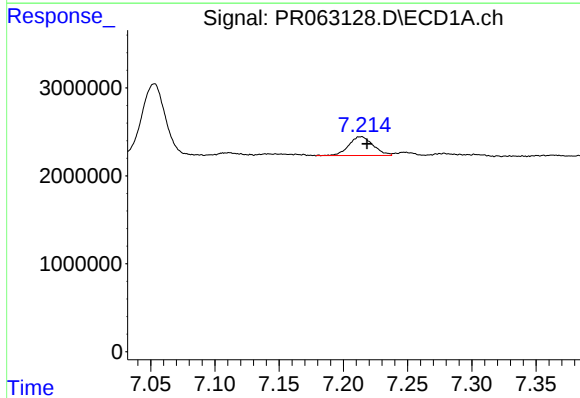
R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 11235339
Conc: 118.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



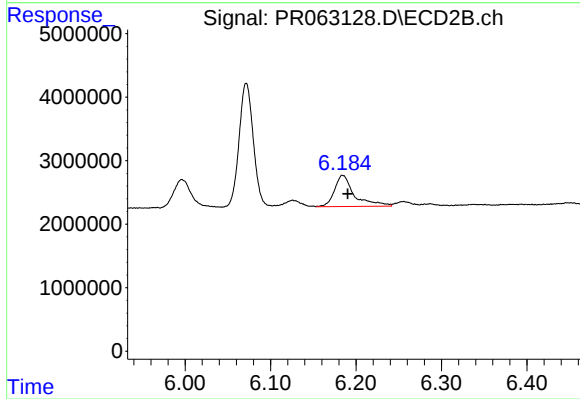
#29 AR-1254-4

R.T.: 5.738 min
Delta R.T.: -0.005 min
Response: 23377868
Conc: 134.50 ng/ml



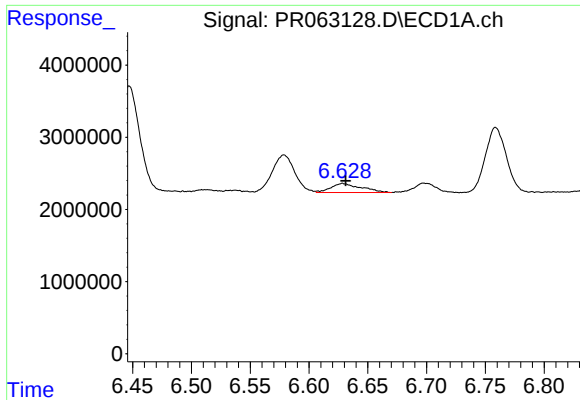
#30 AR-1254-5

R.T.: 7.214 min
Delta R.T.: -0.005 min
Response: 2816984
Conc: 27.16 ng/ml



#30 AR-1254-5

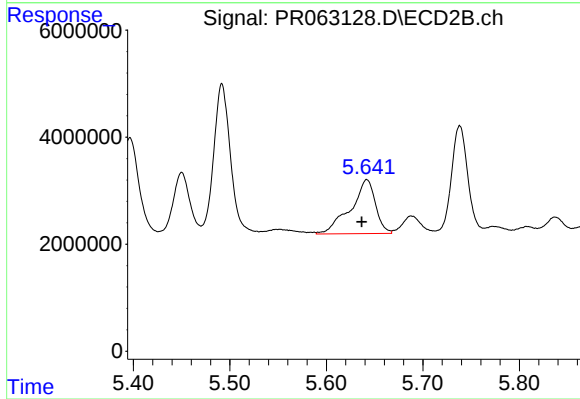
R.T.: 6.184 min
Delta R.T.: -0.006 min
Response: 7925127
Conc: 31.03 ng/ml



#31 AR-1260-1

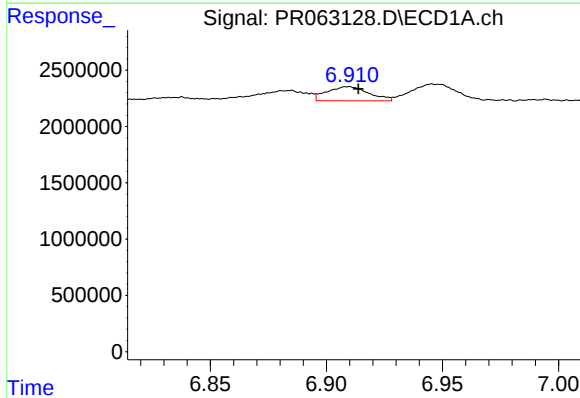
R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 2250675
Conc: 21.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



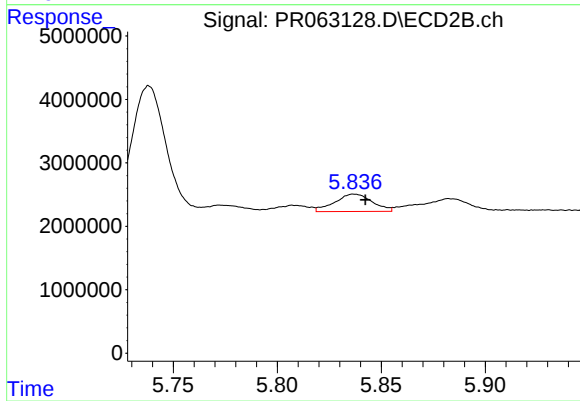
#31 AR-1260-1

R.T.: 5.642 min
Delta R.T.: 0.005 min
Response: 18139527
Conc: 97.45 ng/ml



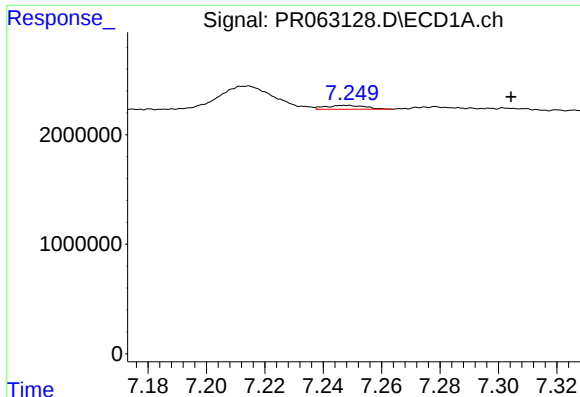
#32 AR-1260-2

R.T.: 6.909 min
Delta R.T.: -0.004 min
Response: 1566016
Conc: 13.01 ng/ml



#32 AR-1260-2

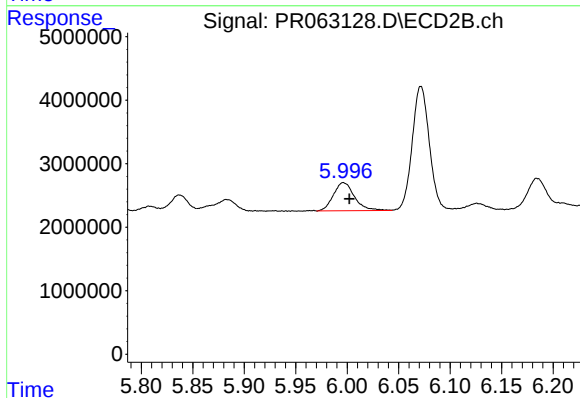
R.T.: 5.837 min
Delta R.T.: -0.005 min
Response: 3428114
Conc: 15.22 ng/ml



#33 AR-1260-3

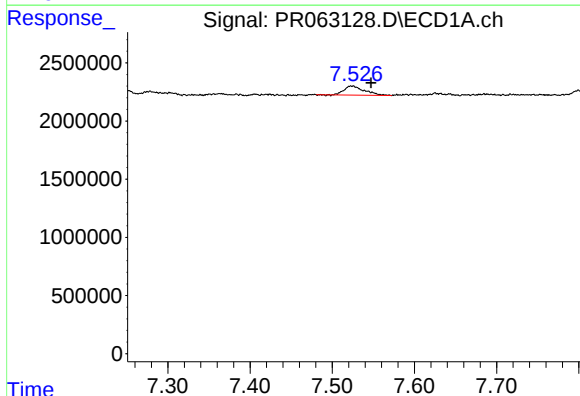
R.T.: 7.248 min
Delta R.T.: -0.057 min
Response: 327562
Conc: 3.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



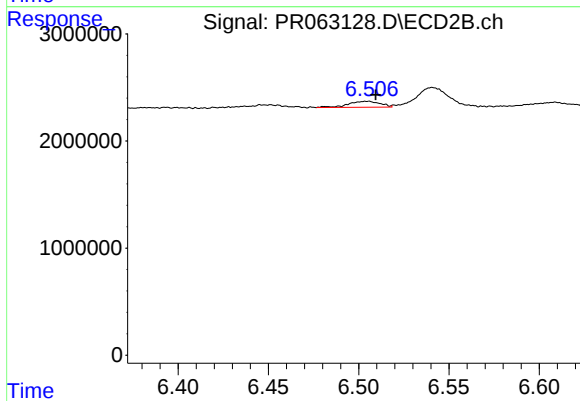
#33 AR-1260-3

R.T.: 5.996 min
Delta R.T.: -0.006 min
Response: 6275466
Conc: 28.25 ng/ml



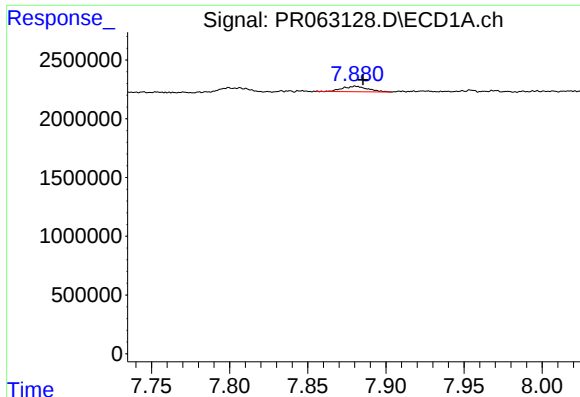
#34 AR-1260-4

R.T.: 7.524 min
Delta R.T.: -0.023 min
Response: 1369359
Conc: 13.84 ng/ml



#34 AR-1260-4

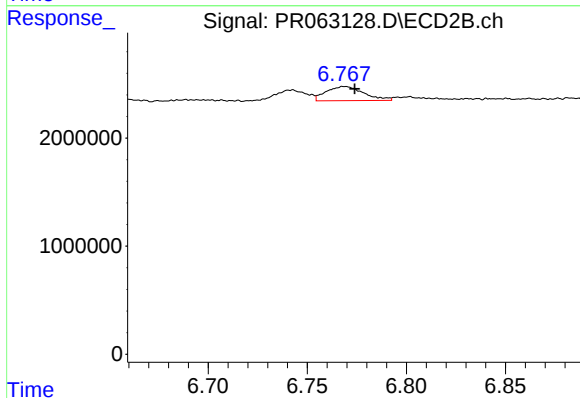
R.T.: 6.505 min
Delta R.T.: -0.005 min
Response: 688610
Conc: 3.69 ng/ml



#35 AR-1260-5

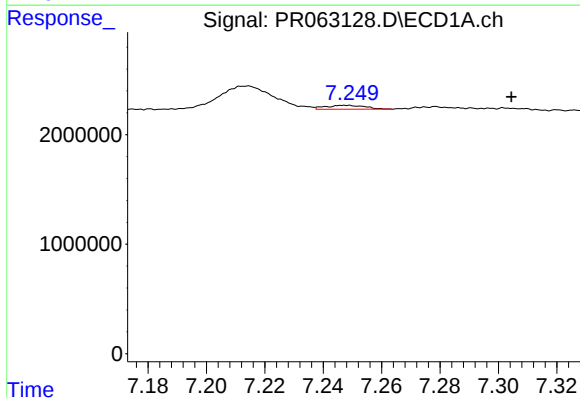
R.T.: 7.881 min
Delta R.T.: -0.005 min
Response: 513761
Conc: 2.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



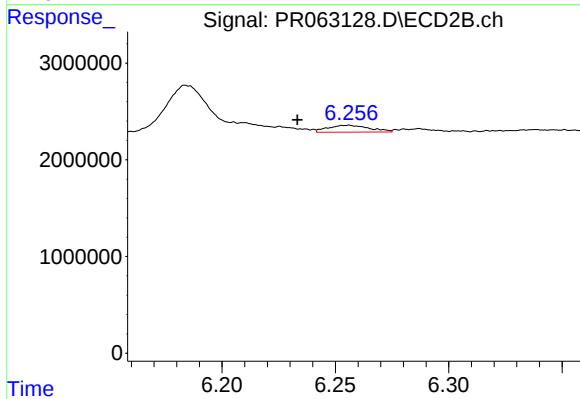
#35 AR-1260-5

R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 1722473
Conc: 3.94 ng/ml



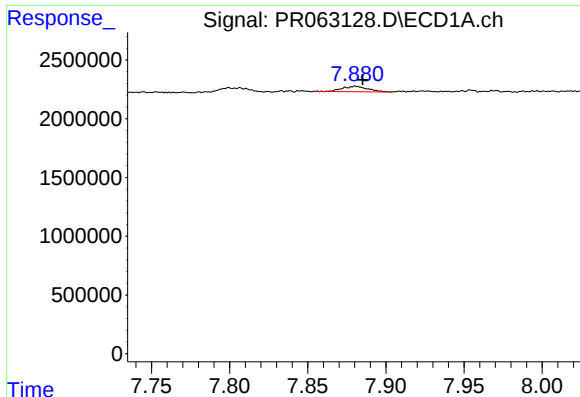
#36 AR-1262-1

R.T.: 7.248 min
Delta R.T.: -0.057 min
Response: 327562
Conc: 2.55 ng/ml



#36 AR-1262-1

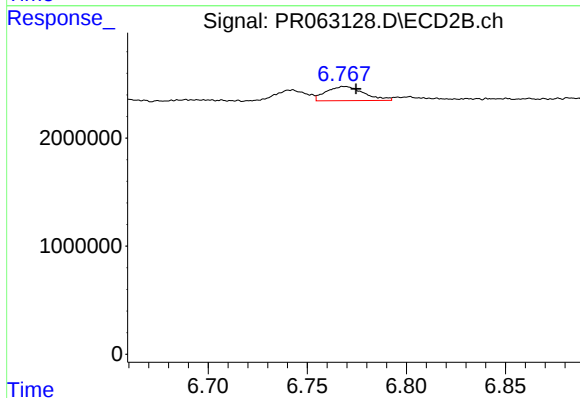
R.T.: 6.255 min
Delta R.T.: 0.022 min
Response: 911050
Conc: 3.46 ng/ml



#37 AR-1262-2

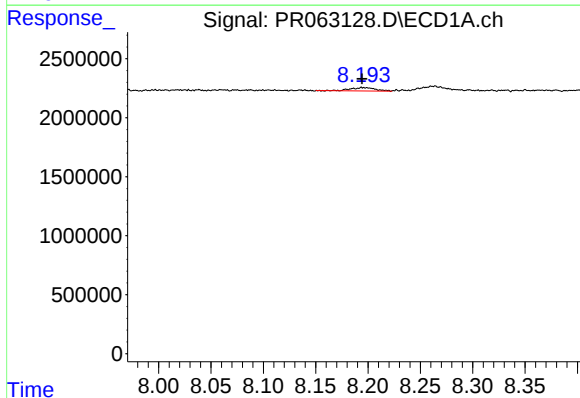
R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 513761
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



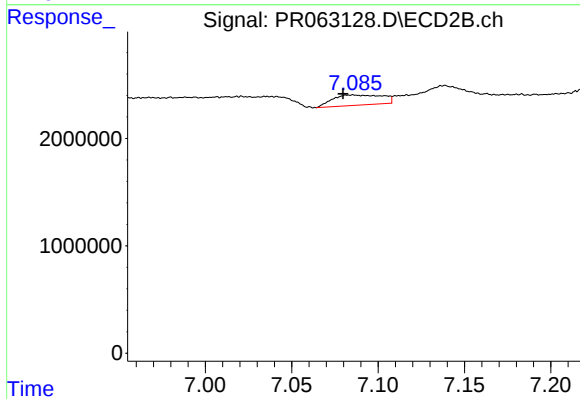
#37 AR-1262-2

R.T.: 6.769 min
Delta R.T.: -0.006 min
Response: 1722473
Conc: 3.54 ng/ml



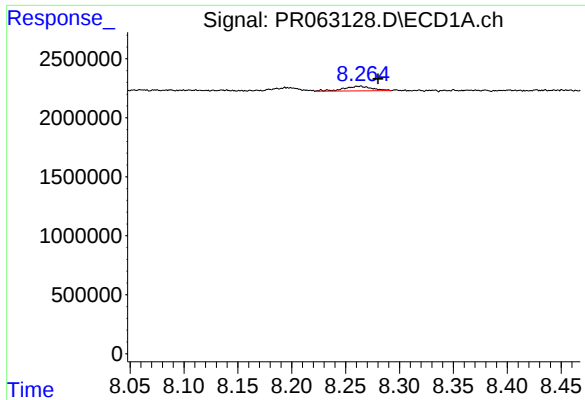
#38 AR-1262-3

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 468906
Conc: 3.38 ng/ml



#38 AR-1262-3

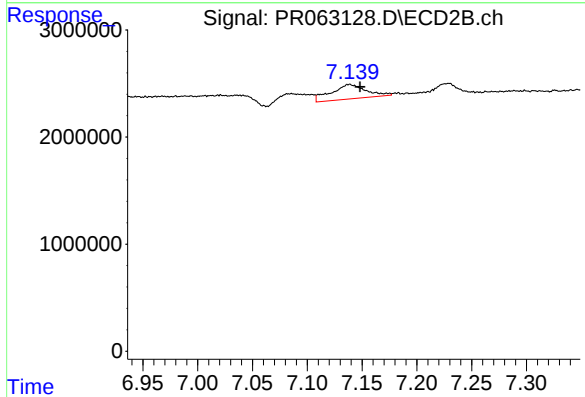
R.T.: 7.086 min
Delta R.T.: 0.006 min
Response: 1902763
Conc: 9.64 ng/ml



#39 AR-1262-4

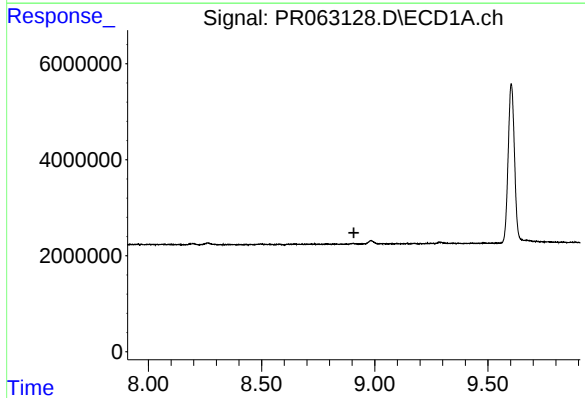
R.T.: 8.263 min
Delta R.T.: -0.017 min
Response: 716262
Conc: 6.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



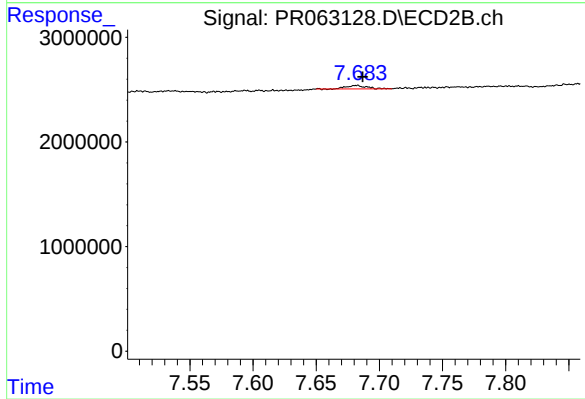
#39 AR-1262-4

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2988122
Conc: 8.03 ng/ml



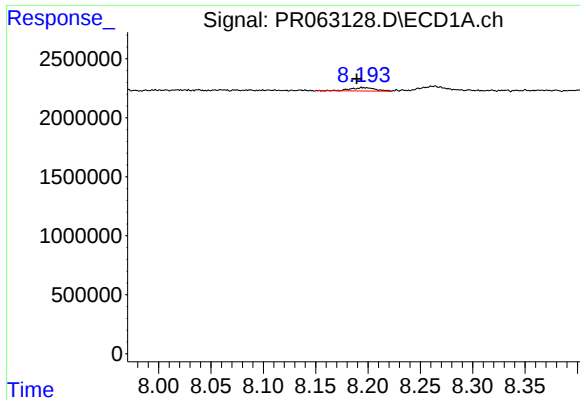
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.908 min
Response: 0
Conc: N.D.



#40 AR-1262-5

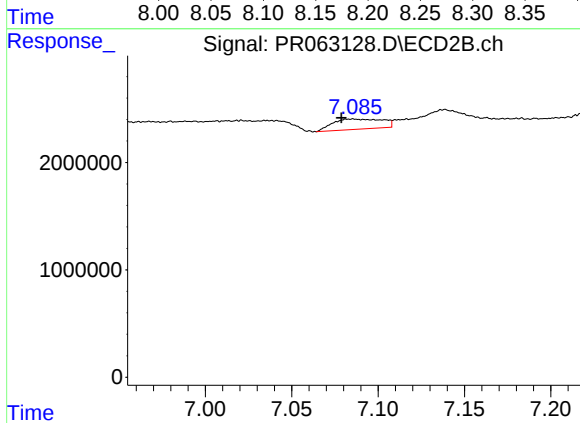
R.T.: 7.682 min
Delta R.T.: -0.005 min
Response: 384580
Conc: 2.14 ng/ml



#41 AR-1268-1

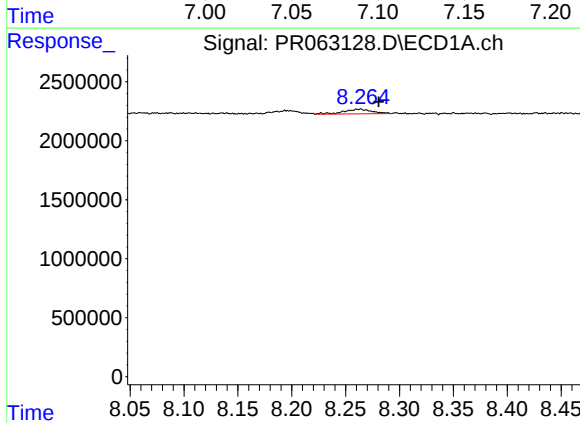
R.T.: 8.194 min
Delta R.T.: 0.005 min
Response: 468906
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



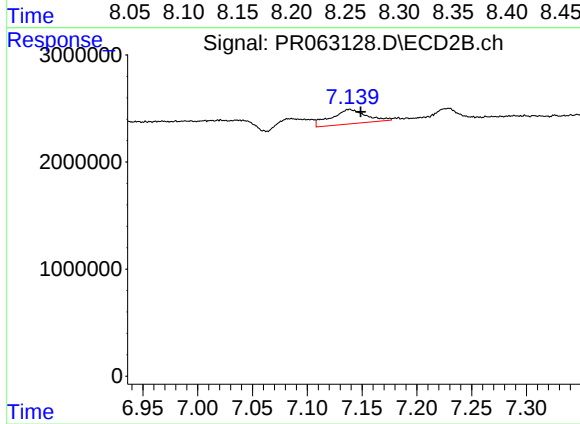
#41 AR-1268-1

R.T.: 7.086 min
Delta R.T.: 0.007 min
Response: 1902763
Conc: 3.27 ng/ml



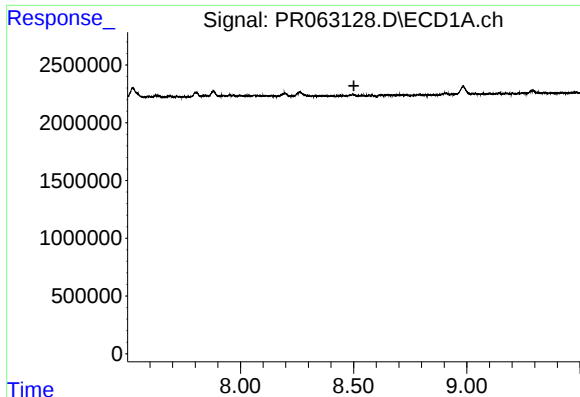
#42 AR-1268-2

R.T.: 8.263 min
Delta R.T.: -0.018 min
Response: 716262
Conc: 3.13 ng/ml



#42 AR-1268-2

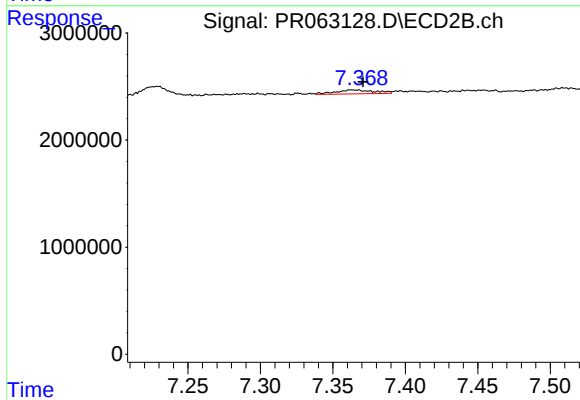
R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2988122
Conc: 5.57 ng/ml



#43 AR-1268-3

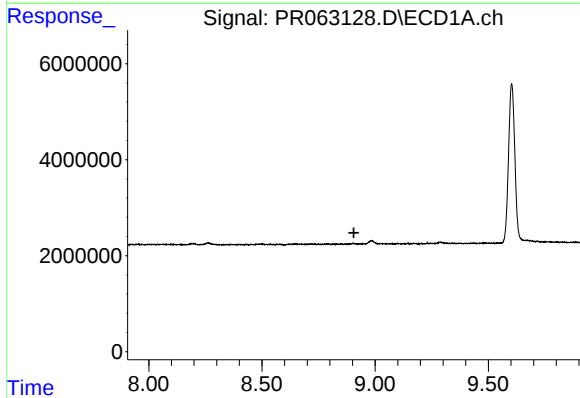
R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



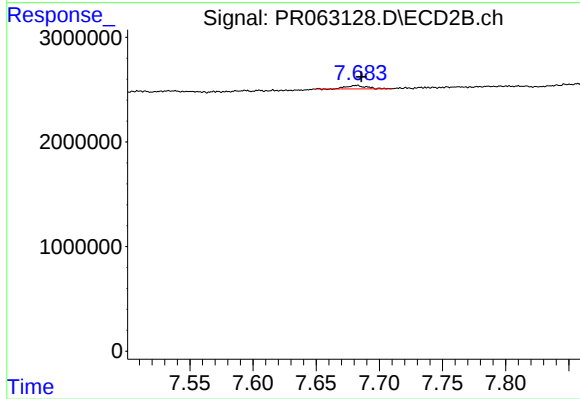
#43 AR-1268-3

R.T.: 7.363 min
Delta R.T.: -0.008 min
Response: 695275
Conc: 1.47 ng/ml



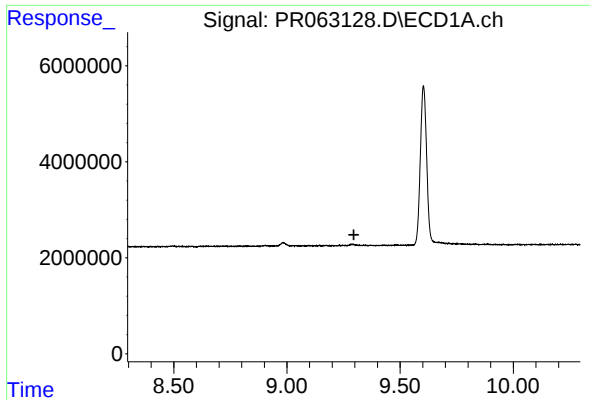
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.906 min
Response: 0
Conc: N.D.



#44 AR-1268-4

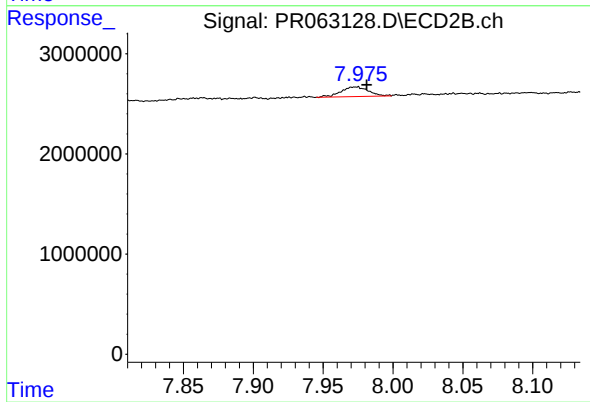
R.T.: 7.682 min
Delta R.T.: -0.004 min
Response: 384580
Conc: 1.90 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.296 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.973 min
Delta R.T.: -0.008 min
Response: 1339872
Conc: 0.91 ng/ml