

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101023\
 Data File : PR063944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 06:28
 Operator : AJ\MA
 Sample : 04699-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 07:05:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 10 14:16:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.736	3.025	146.6E6	91863766	23.237	23.501
2)	SA Decachlor...	9.757	8.426	114.9E6	71917736	24.357	23.590
Target Compounds							
3)	L1 AR-1016-1	4.979	4.176	6883851	5140237	32.862	36.115
4)	L1 AR-1016-2	5.002	4.195	8630821	5002252	27.735	25.599
5)	L1 AR-1016-3	5.068	4.380	4745917	3710186	24.777	33.490 #
6)	L1 AR-1016-4	5.169	4.431	4556565	7248985	30.375	82.700 #
7)	L1 AR-1016-5	5.490	4.655	11441067	8888312	77.146	80.610
8)	L2 AR-1221-1	3.966	0.000	275998	0	3.727	N.D. #
9)	L2 AR-1221-2	4.054	3.337	1808477	1394703	34.353	37.661
10)	L2 AR-1221-3	4.135	3.425	902233	738494	5.364	6.657
11)	L3 AR-1232-1	4.135	3.425	902233	738494	7.088	8.672
12)	L3 AR-1232-2	4.690	4.195	2958416	5002252	40.388	57.381 #
13)	L3 AR-1232-3	5.002	4.380	8630821	3710186	62.150	76.995
14)	L3 AR-1232-4	5.169	4.474	4556565	7714383	64.926	184.755 #
15)	L3 AR-1232-5	5.275	4.655	10291167	8888312	200.894	185.959
16)	L4 AR-1242-1	4.979	4.176	6883851	5140237	43.888	47.724
17)	L4 AR-1242-2	5.002	4.195	8630821	5002252	36.418	34.027
18)	L4 AR-1242-3	5.068	4.380	4745917	3710186	31.426	45.440 #
19)	L4 AR-1242-4	5.169	4.474	4556565	7714383	37.715	95.717 #
20)	L4 AR-1242-5	5.968	5.034	12905996	12136487	104.350	117.040
21)	L5 AR-1248-1	4.979	4.176	6883851	5140237	56.849	61.062
22)	L5 AR-1248-2	5.275	4.431	10291167	7248985	60.385	62.617
23)	L5 AR-1248-3	5.490	4.474	11441067	7714383	57.564	65.171
24)	L5 AR-1248-4	5.927	4.655	11910491	8888312	56.211	62.586
25)	L5 AR-1248-5	5.968	5.077	12905996	10057483	58.676	72.284
26)	L6 AR-1254-1	5.897	5.034	11841008	12136487	54.073	59.495
27)	L6 AR-1254-2	6.136	5.197	12712587	5249237	37.905	28.538
28)	L6 AR-1254-3	6.532	5.630	7982110	5476141	23.656	18.873
29)	L6 AR-1254-4	6.847	5.881	3595234	4222483	14.972	23.430 #
30)	L6 AR-1254-5	7.305	6.337	1032172	1972129	3.788	7.355 #
31)	L7 AR-1260-1	6.715	5.783	881952	3230334	3.215	15.078 #
32)	L7 AR-1260-2	6.994	5.981	574253	500824	1.791	1.958
33)	L7 AR-1260-3	7.394	6.143	308522	1914043	1.576	7.593 #
34)	L7 AR-1260-4	7.639	0.000	208996	0	0.861	N.D. #
36)	L8 AR-1262-1	7.394	6.442	308522	205736	0.947	1.900 #
38)	L8 AR-1262-3	8.308	7.230f	1921307	4379426	5.127	25.465 #
39)	L8 AR-1262-4	0.000	7.306	0	2770687	N.D.	8.659 #
40)	L8 AR-1262-5	9.011f	0.000	1640139	0	7.987	N.D. #
41)	L9 AR-1268-1	8.308f	7.230f	1921307	4379426	2.972	9.046 #
42)	L9 AR-1268-2	0.000	7.306	0	2770687	N.D.	6.231 #
43)	L9 AR-1268-3	8.610	7.555	4285373	94154	8.221	0.251 #

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 Operator : AJ\MA
 Sample : 04699-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 64 Sample Multiplier: 1

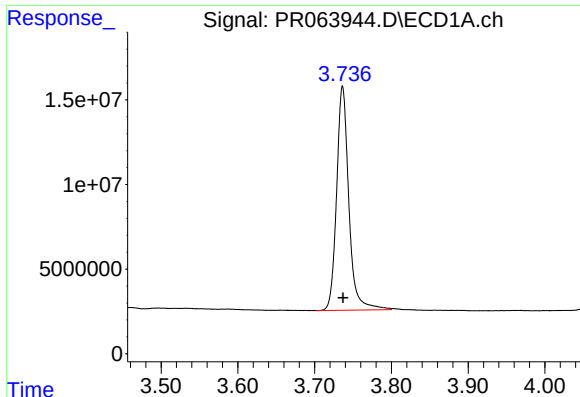
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 07:05:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101023.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.011f	0.000	1640139	0	7.468	N.D. #
45) L9	AR-1268-5	9.428	8.156f	240741	396283	0.145	0.358 #

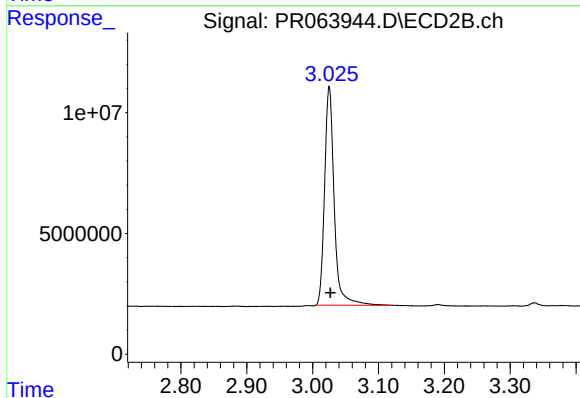
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

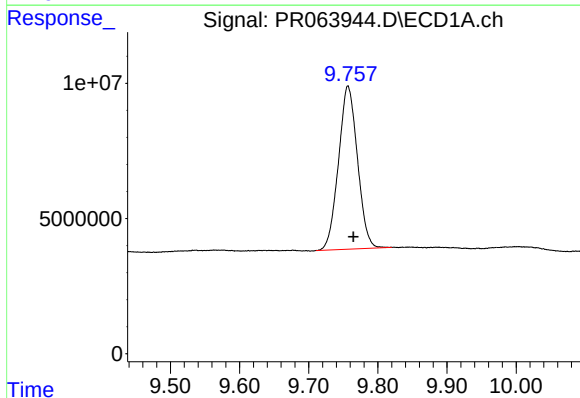
R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 146638711
Conc: 23.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



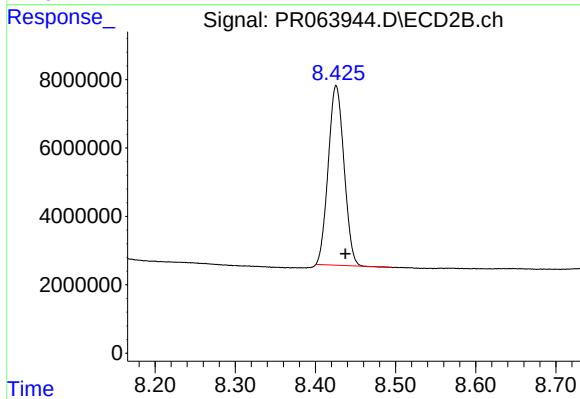
#1 Tetrachloro-m-xylene

R.T.: 3.025 min
Delta R.T.: -0.002 min
Response: 91863766
Conc: 23.50 ng/ml



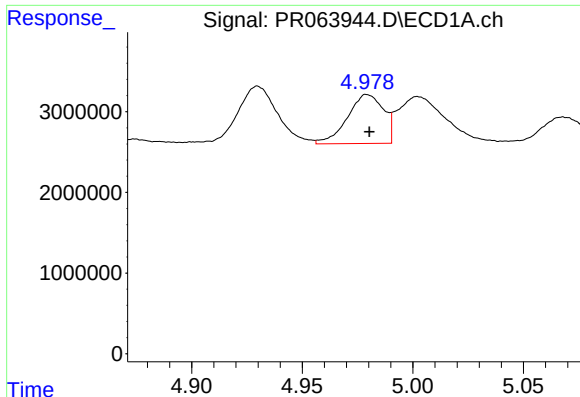
#2 Decachlorobiphenyl

R.T.: 9.757 min
Delta R.T.: -0.008 min
Response: 114940224
Conc: 24.36 ng/ml



#2 Decachlorobiphenyl

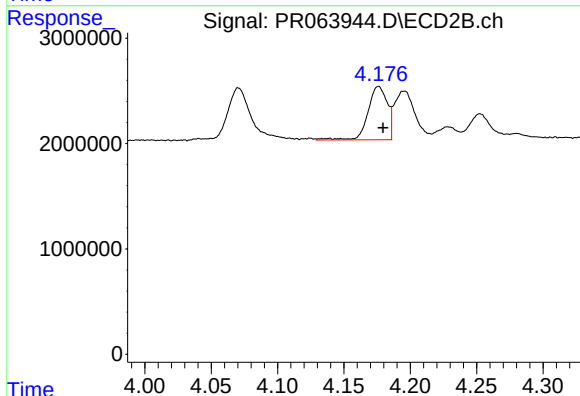
R.T.: 8.426 min
Delta R.T.: -0.011 min
Response: 71917736
Conc: 23.59 ng/ml



#3 AR-1016-1

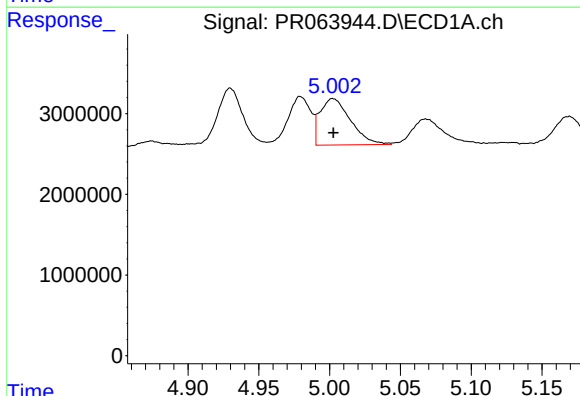
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 6883851
Conc: 32.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



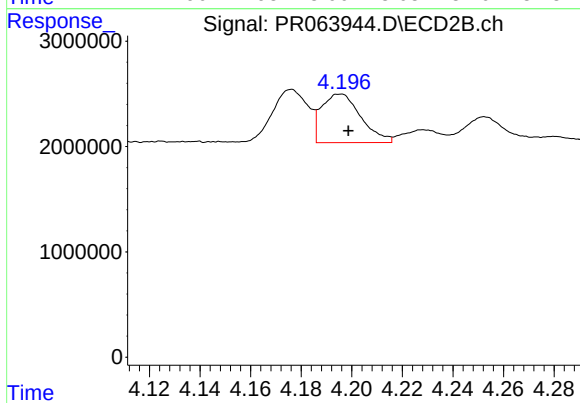
#3 AR-1016-1

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 5140237
Conc: 36.12 ng/ml



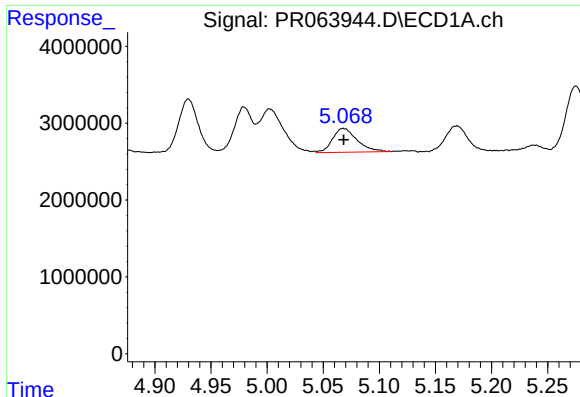
#4 AR-1016-2

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 8630821
Conc: 27.73 ng/ml



#4 AR-1016-2

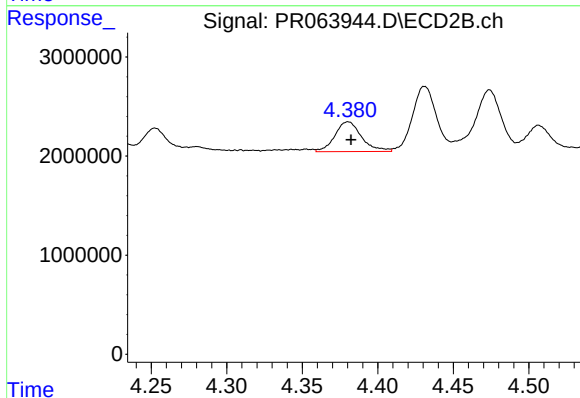
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 5002252
Conc: 25.60 ng/ml



#5 AR-1016-3

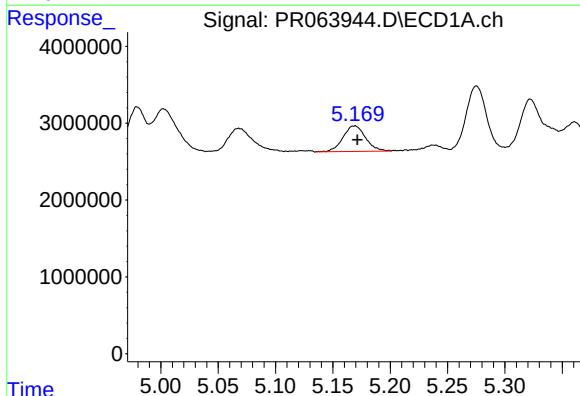
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 4745917
Conc: 24.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



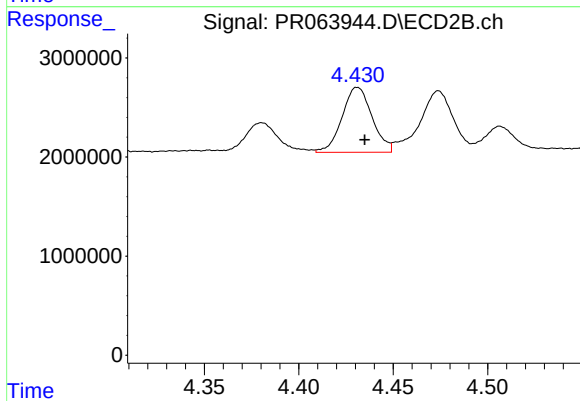
#5 AR-1016-3

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3710186
Conc: 33.49 ng/ml



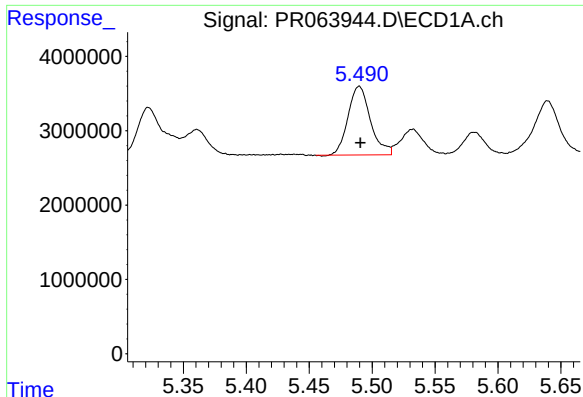
#6 AR-1016-4

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 4556565
Conc: 30.38 ng/ml



#6 AR-1016-4

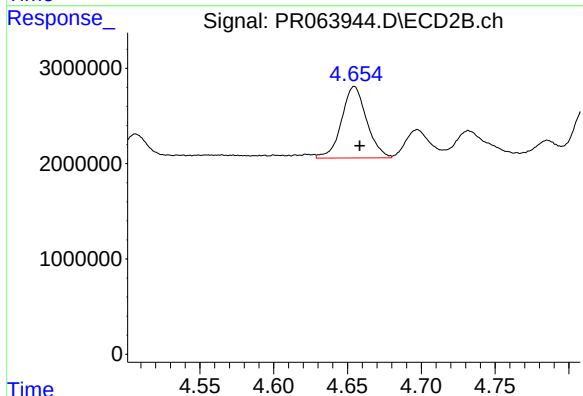
R.T.: 4.431 min
Delta R.T.: -0.004 min
Response: 7248985
Conc: 82.70 ng/ml



#7 AR-1016-5

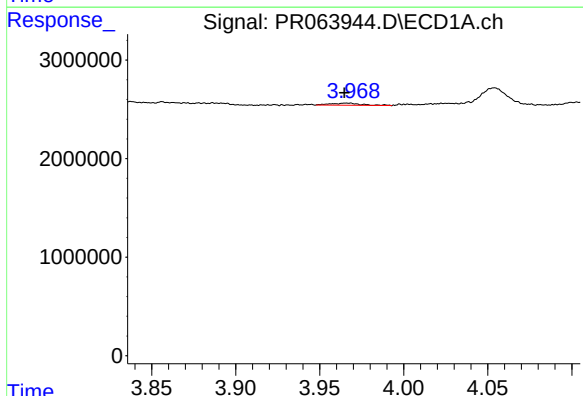
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 11441067
Conc: 77.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



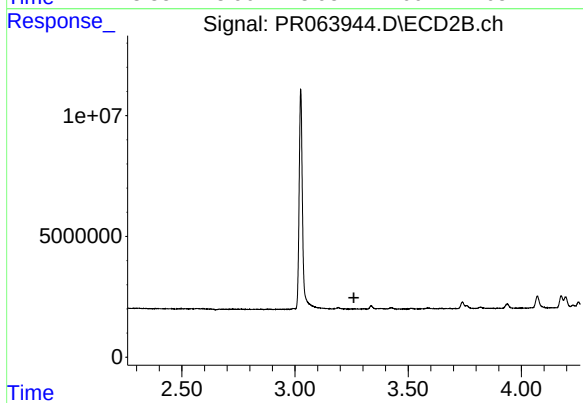
#7 AR-1016-5

R.T.: 4.655 min
Delta R.T.: -0.004 min
Response: 8888312
Conc: 80.61 ng/ml



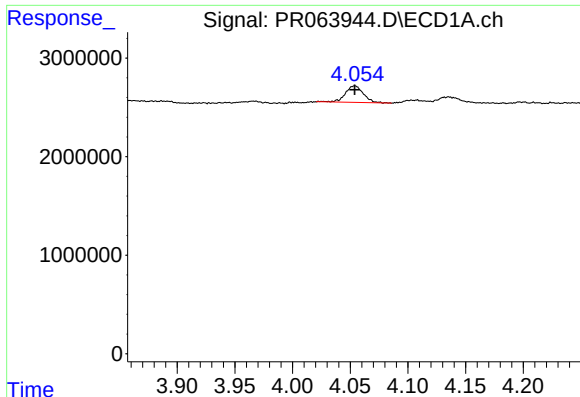
#8 AR-1221-1

R.T.: 3.966 min
Delta R.T.: 0.002 min
Response: 275998
Conc: 3.73 ng/ml



#8 AR-1221-1

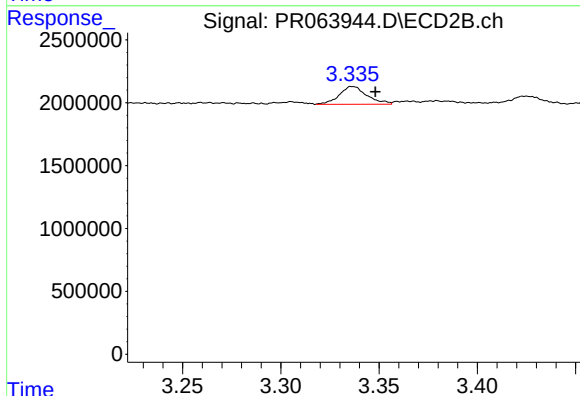
R.T.: 0.000 min
Exp R.T. : 3.260 min
Response: 0
Conc: N.D.



#9 AR-1221-2

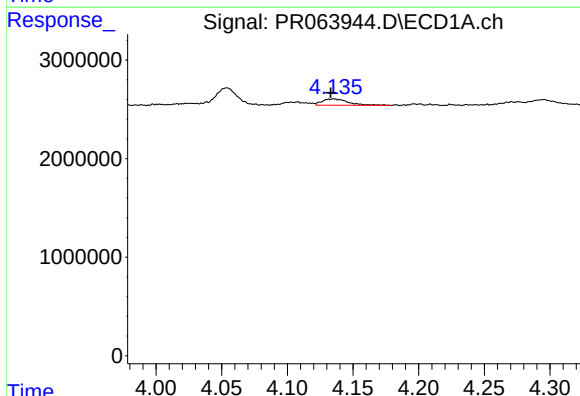
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 1808477
Conc: 34.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



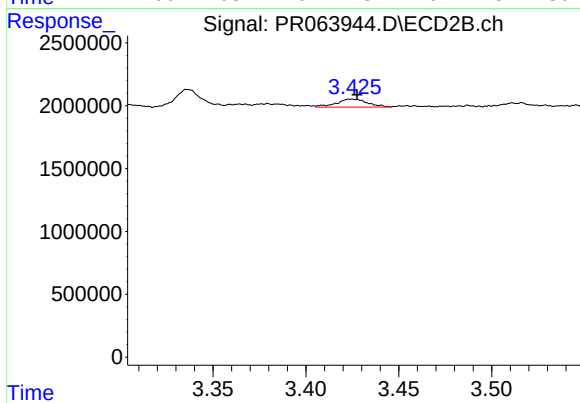
#9 AR-1221-2

R.T.: 3.337 min
Delta R.T.: -0.011 min
Response: 1394703
Conc: 37.66 ng/ml



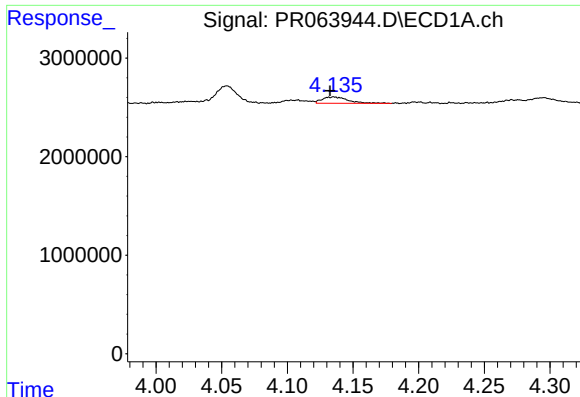
#10 AR-1221-3

R.T.: 4.135 min
Delta R.T.: 0.002 min
Response: 902233
Conc: 5.36 ng/ml



#10 AR-1221-3

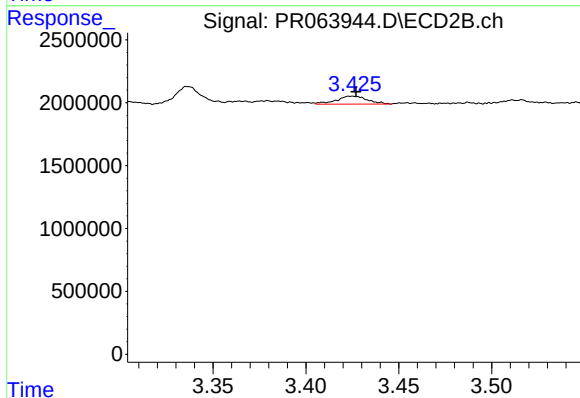
R.T.: 3.425 min
Delta R.T.: -0.003 min
Response: 738494
Conc: 6.66 ng/ml



#11 AR-1232-1

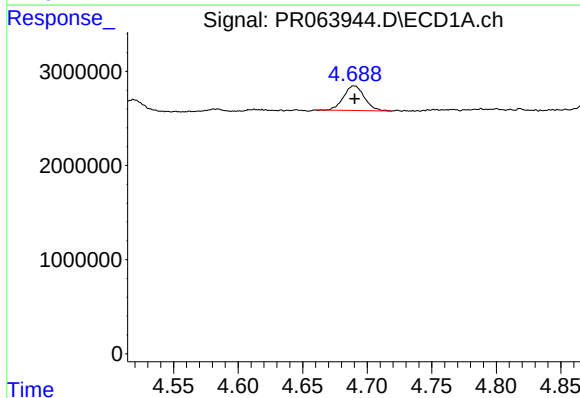
R.T.: 4.135 min
Delta R.T.: 0.003 min
Response: 902233
Conc: 7.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



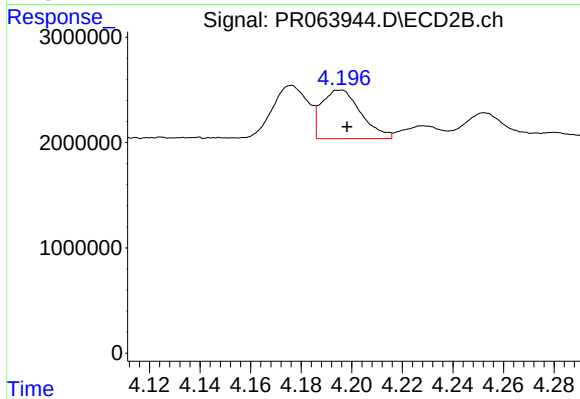
#11 AR-1232-1

R.T.: 3.425 min
Delta R.T.: -0.002 min
Response: 738494
Conc: 8.67 ng/ml



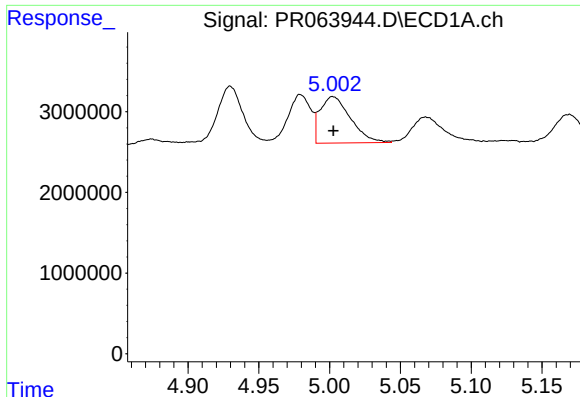
#12 AR-1232-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 2958416
Conc: 40.39 ng/ml



#12 AR-1232-2

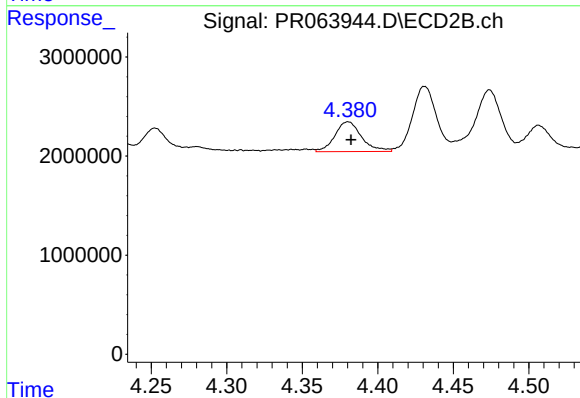
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 5002252
Conc: 57.38 ng/ml



#13 AR-1232-3

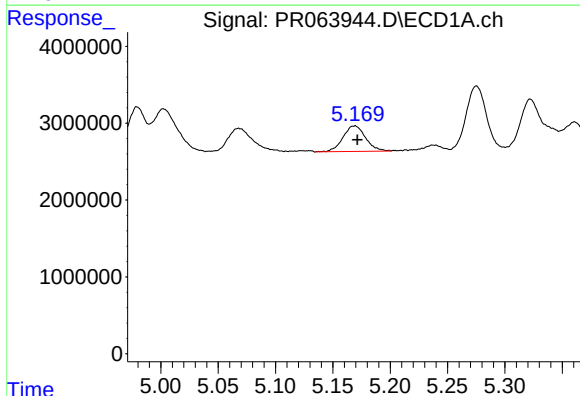
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 8630821
Conc: 62.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



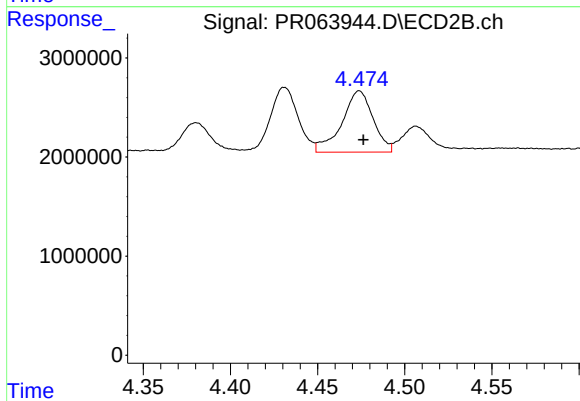
#13 AR-1232-3

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3710186
Conc: 77.00 ng/ml



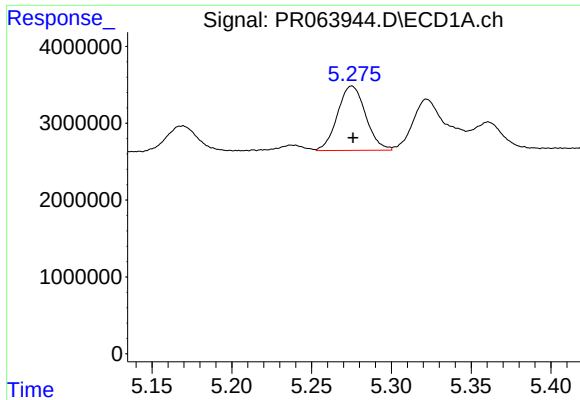
#14 AR-1232-4

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 4556565
Conc: 64.93 ng/ml



#14 AR-1232-4

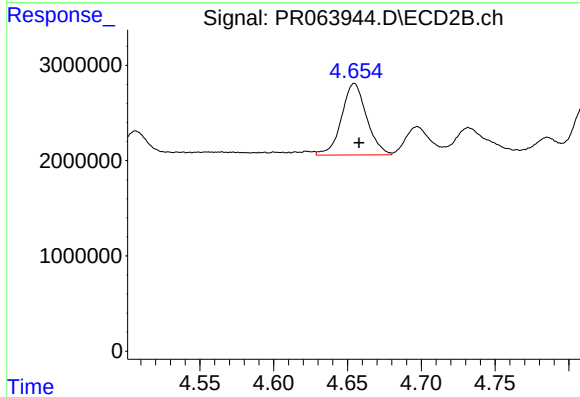
R.T.: 4.474 min
Delta R.T.: -0.002 min
Response: 7714383
Conc: 184.76 ng/ml



#15 AR-1232-5

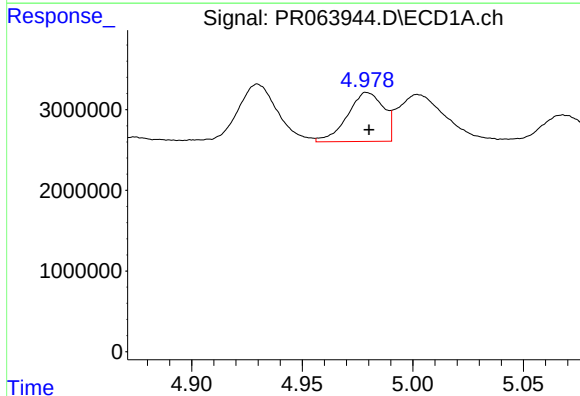
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 10291167
Conc: 200.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



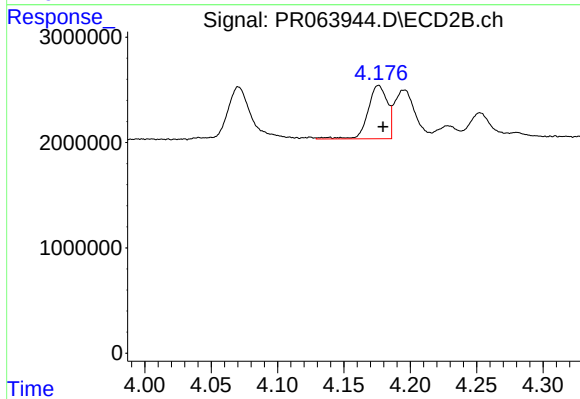
#15 AR-1232-5

R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 8888312
Conc: 185.96 ng/ml



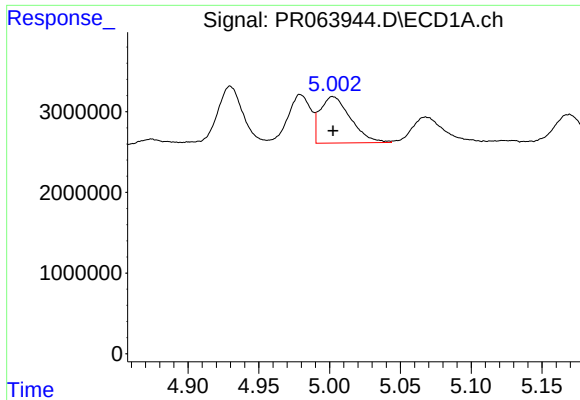
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 6883851
Conc: 43.89 ng/ml



#16 AR-1242-1

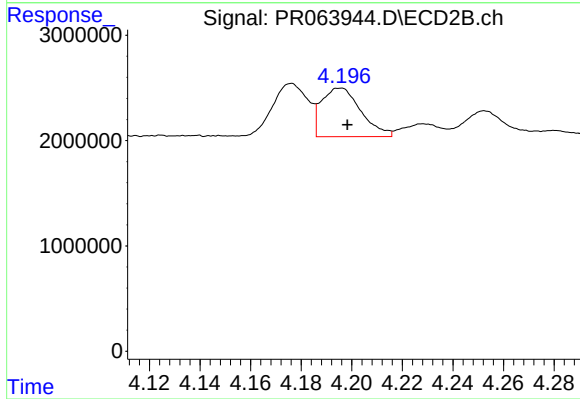
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 5140237
Conc: 47.72 ng/ml



#17 AR-1242-2

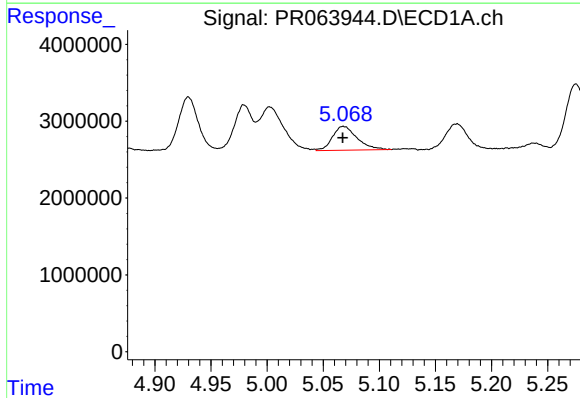
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 8630821
Conc: 36.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



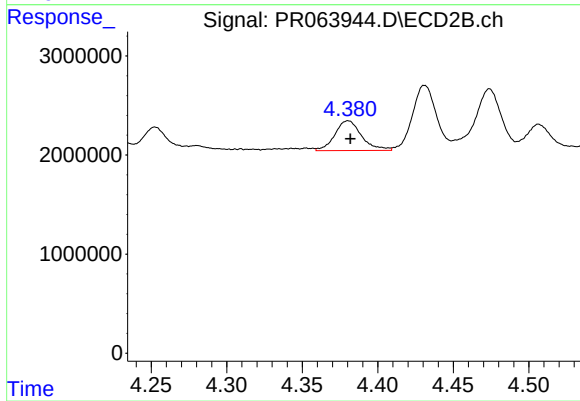
#17 AR-1242-2

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 5002252
Conc: 34.03 ng/ml



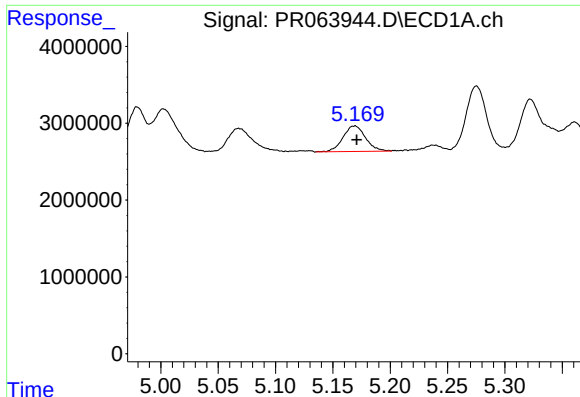
#18 AR-1242-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 4745917
Conc: 31.43 ng/ml



#18 AR-1242-3

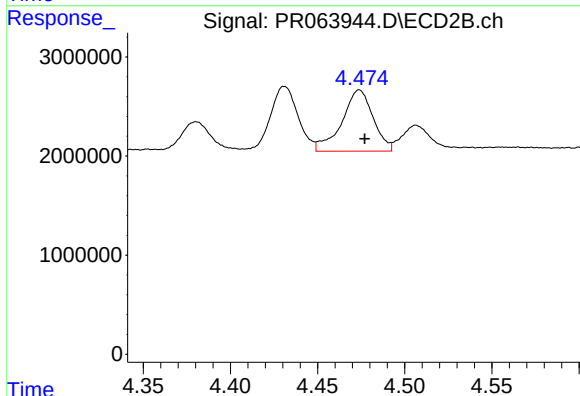
R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3710186
Conc: 45.44 ng/ml



#19 AR-1242-4

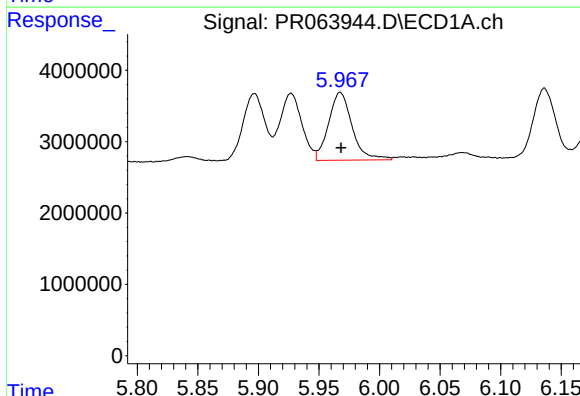
R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 4556565
Conc: 37.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



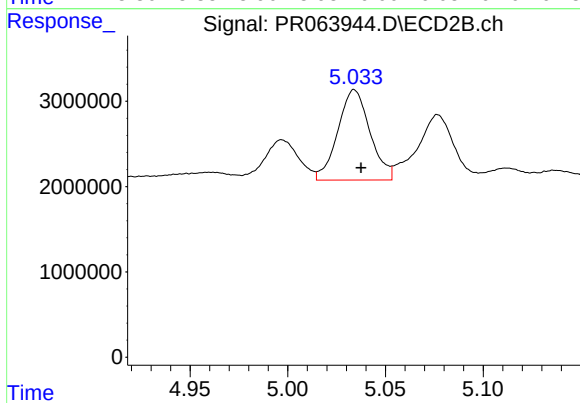
#19 AR-1242-4

R.T.: 4.474 min
Delta R.T.: -0.003 min
Response: 7714383
Conc: 95.72 ng/ml



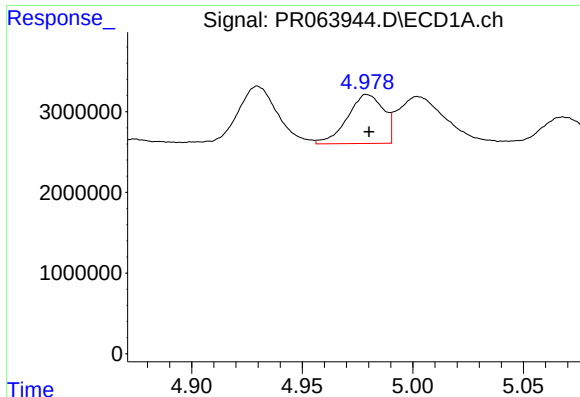
#20 AR-1242-5

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 12905996
Conc: 104.35 ng/ml



#20 AR-1242-5

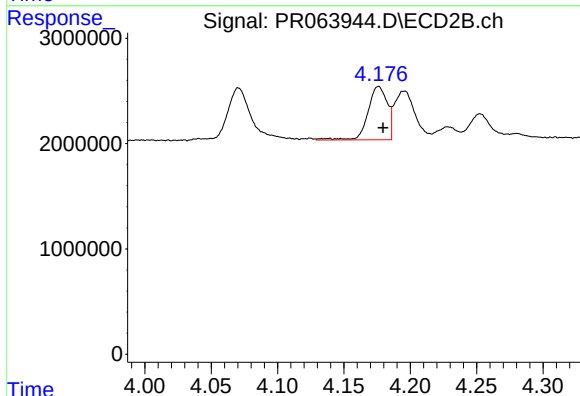
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 12136487
Conc: 117.04 ng/ml



#21 AR-1248-1

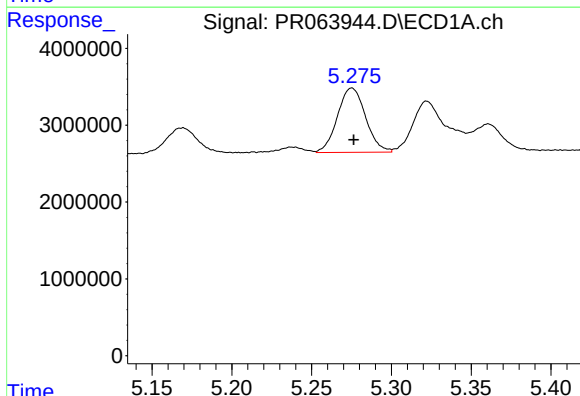
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 6883851
Conc: 56.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



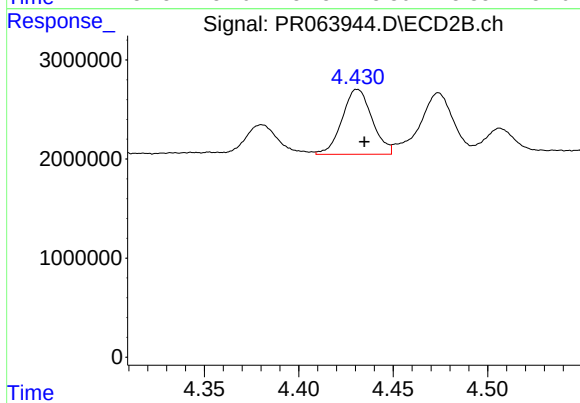
#21 AR-1248-1

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 5140237
Conc: 61.06 ng/ml



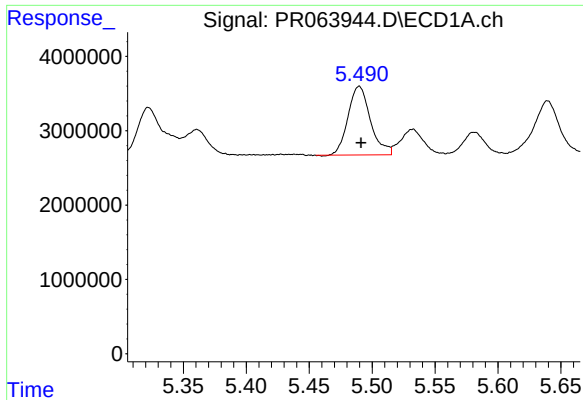
#22 AR-1248-2

R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 10291167
Conc: 60.38 ng/ml



#22 AR-1248-2

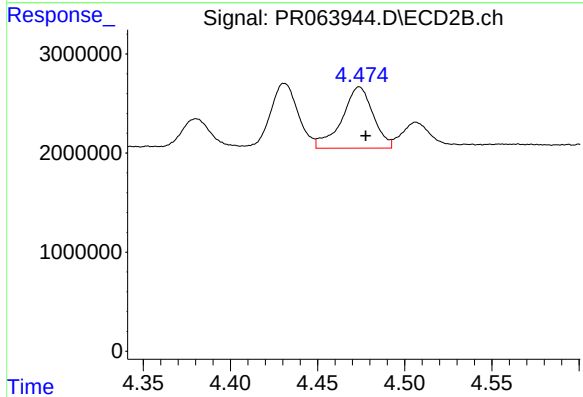
R.T.: 4.431 min
Delta R.T.: -0.004 min
Response: 7248985
Conc: 62.62 ng/ml



#23 AR-1248-3

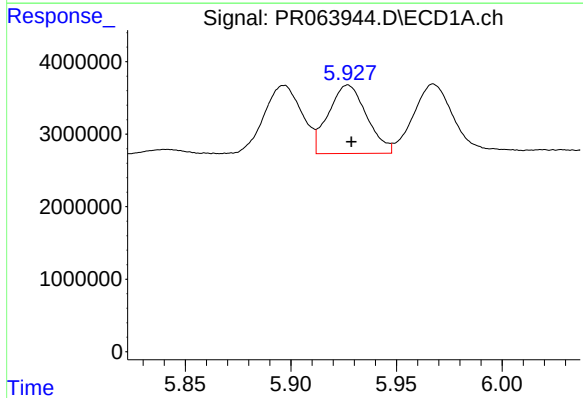
R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 11441067
Conc: 57.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



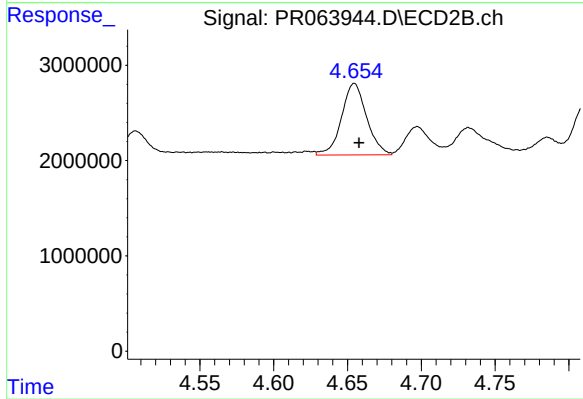
#23 AR-1248-3

R.T.: 4.474 min
Delta R.T.: -0.004 min
Response: 7714383
Conc: 65.17 ng/ml



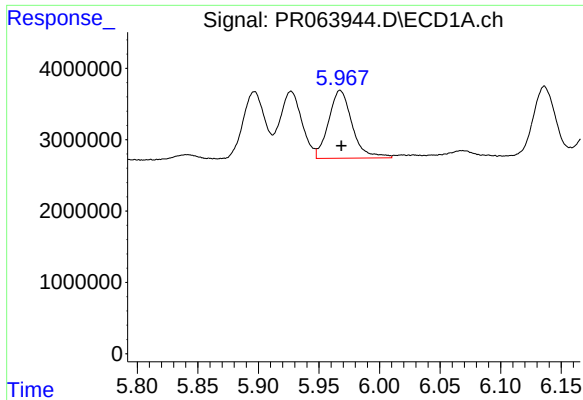
#24 AR-1248-4

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 11910491
Conc: 56.21 ng/ml



#24 AR-1248-4

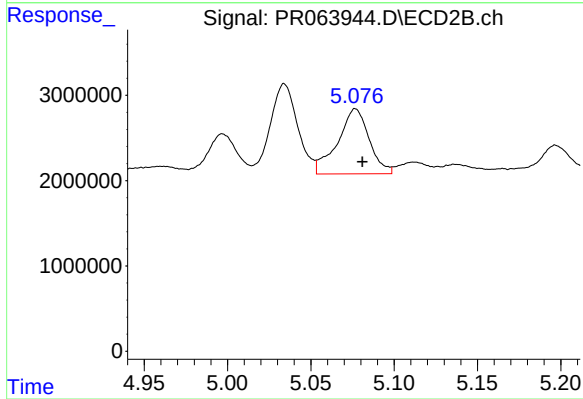
R.T.: 4.655 min
Delta R.T.: -0.003 min
Response: 8888312
Conc: 62.59 ng/ml



#25 AR-1248-5

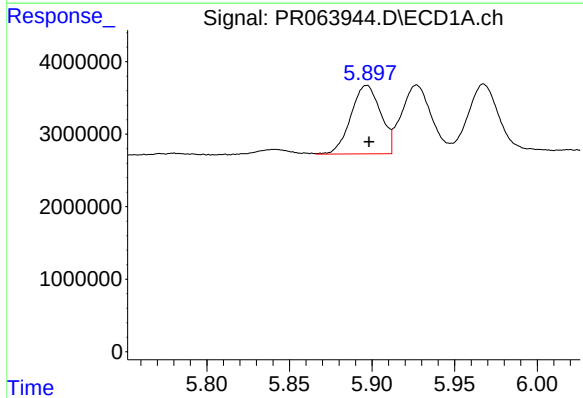
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 12905996
Conc: 58.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



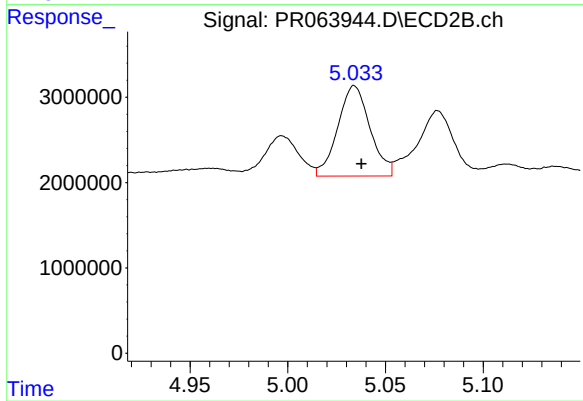
#25 AR-1248-5

R.T.: 5.077 min
Delta R.T.: -0.004 min
Response: 10057483
Conc: 72.28 ng/ml



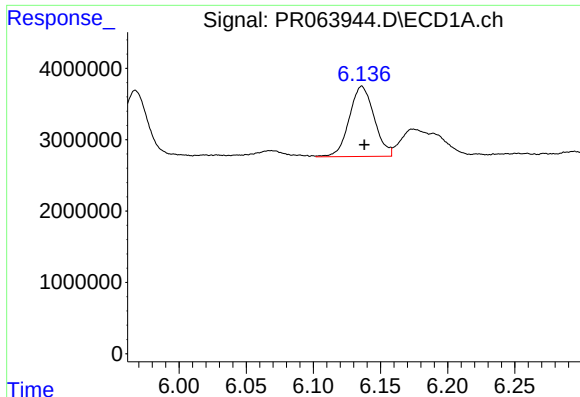
#26 AR-1254-1

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 11841008
Conc: 54.07 ng/ml



#26 AR-1254-1

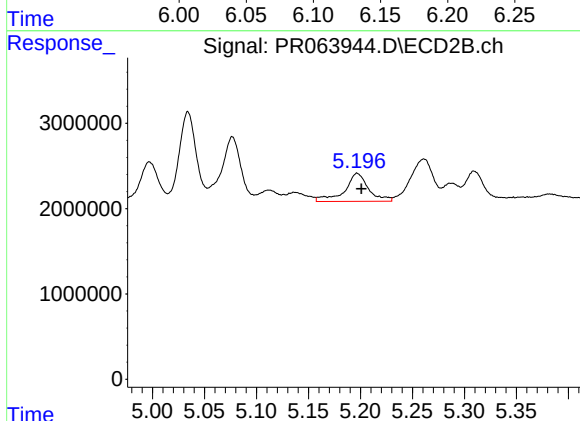
R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 12136487
Conc: 59.49 ng/ml



#27 AR-1254-2

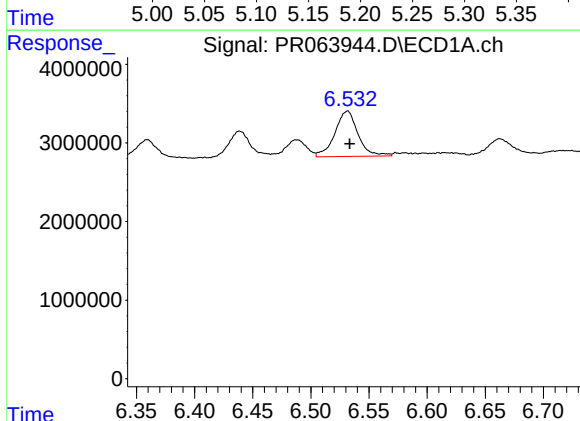
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 12712587
Conc: 37.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



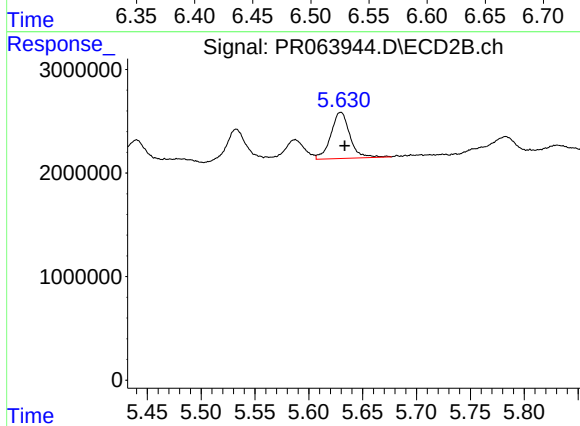
#27 AR-1254-2

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 5249237
Conc: 28.54 ng/ml



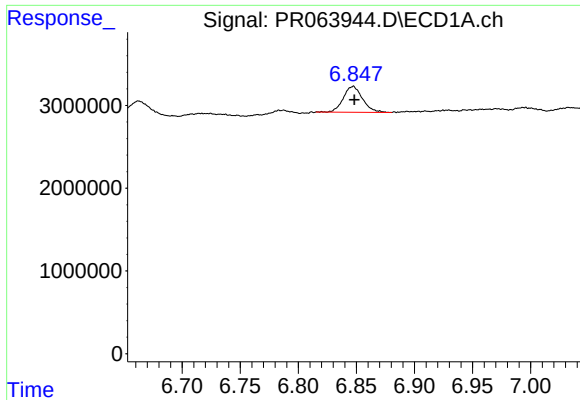
#28 AR-1254-3

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 7982110
Conc: 23.66 ng/ml



#28 AR-1254-3

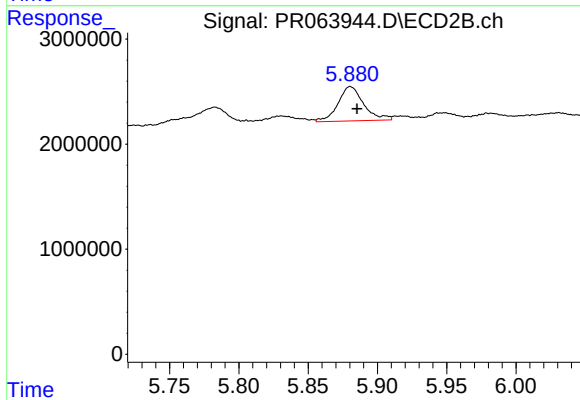
R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 5476141
Conc: 18.87 ng/ml



#29 AR-1254-4

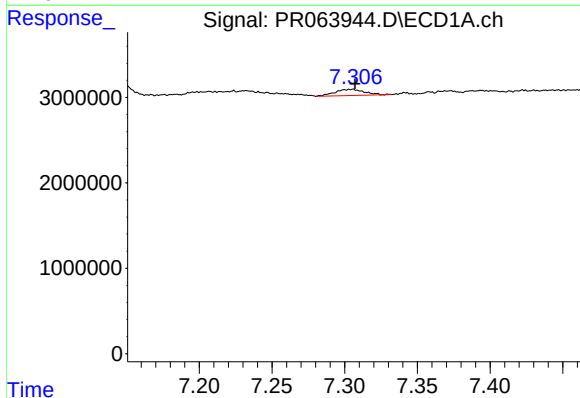
R.T.: 6.847 min
Delta R.T.: -0.001 min
Response: 3595234
Conc: 14.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



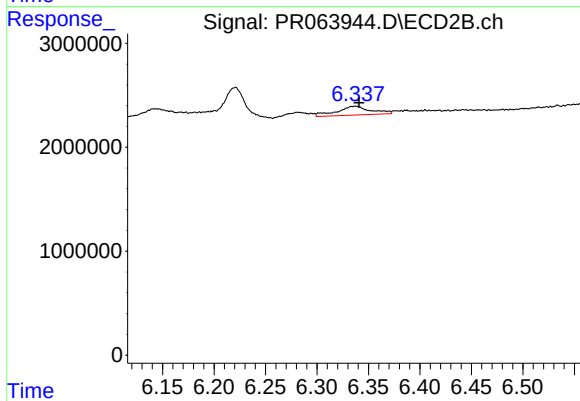
#29 AR-1254-4

R.T.: 5.881 min
Delta R.T.: -0.005 min
Response: 4222483
Conc: 23.43 ng/ml



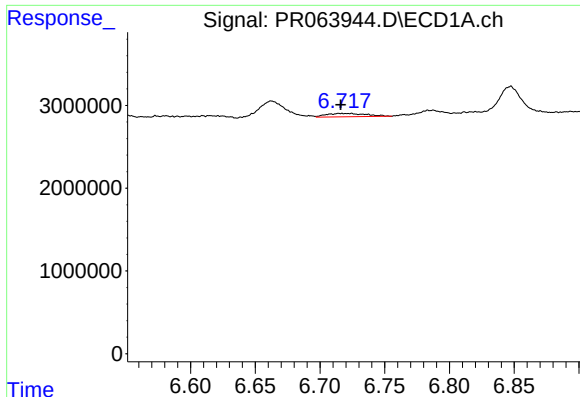
#30 AR-1254-5

R.T.: 7.305 min
Delta R.T.: -0.002 min
Response: 1032172
Conc: 3.79 ng/ml



#30 AR-1254-5

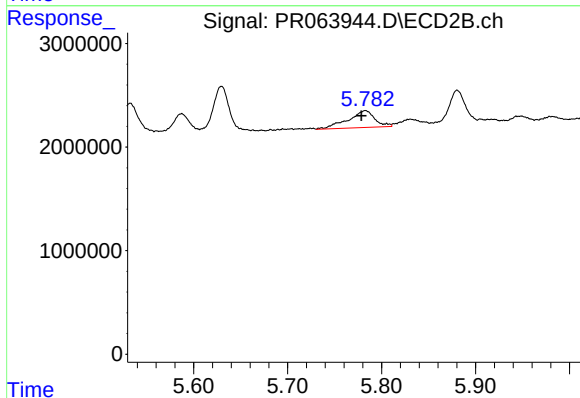
R.T.: 6.337 min
Delta R.T.: -0.004 min
Response: 1972129
Conc: 7.35 ng/ml



#31 AR-1260-1

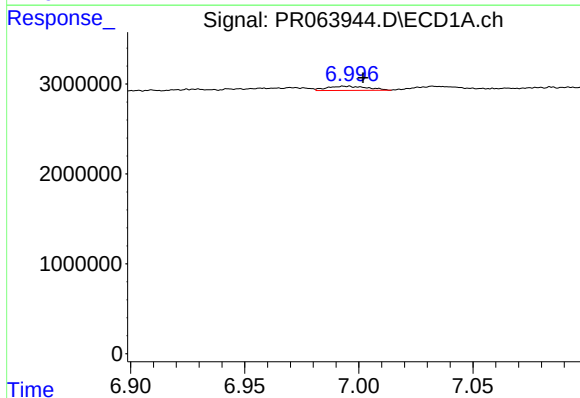
R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 881952
Conc: 3.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



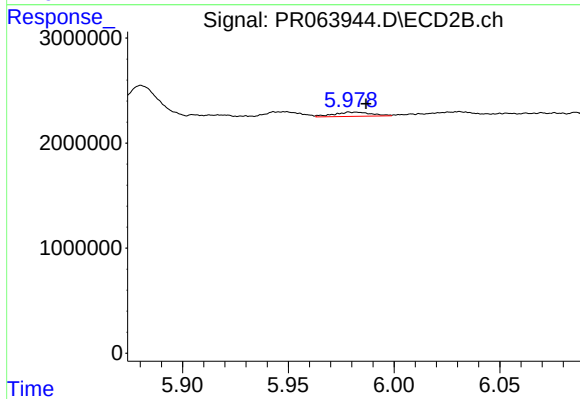
#31 AR-1260-1

R.T.: 5.783 min
Delta R.T.: 0.004 min
Response: 3230334
Conc: 15.08 ng/ml



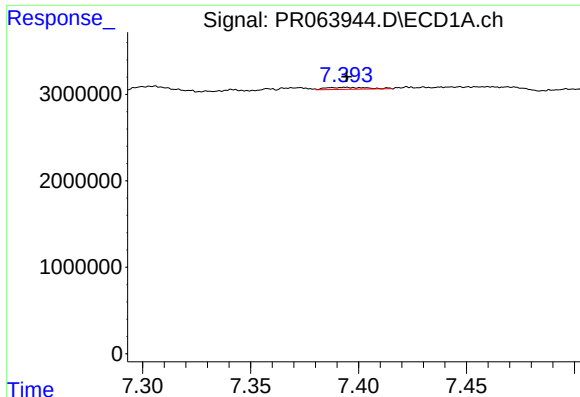
#32 AR-1260-2

R.T.: 6.994 min
Delta R.T.: -0.008 min
Response: 574253
Conc: 1.79 ng/ml



#32 AR-1260-2

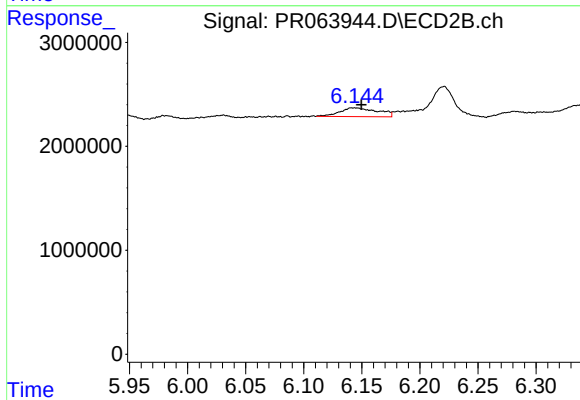
R.T.: 5.981 min
Delta R.T.: -0.006 min
Response: 500824
Conc: 1.96 ng/ml



#33 AR-1260-3

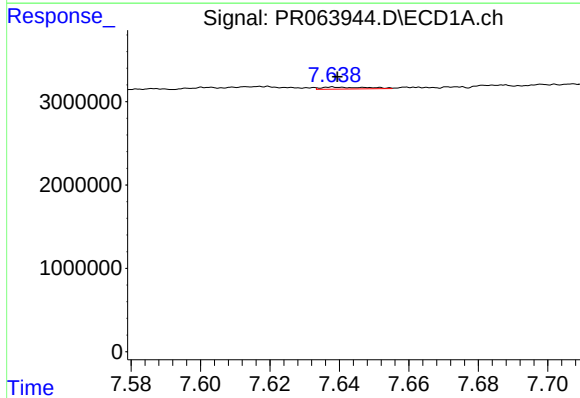
R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 308522
Conc: 1.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



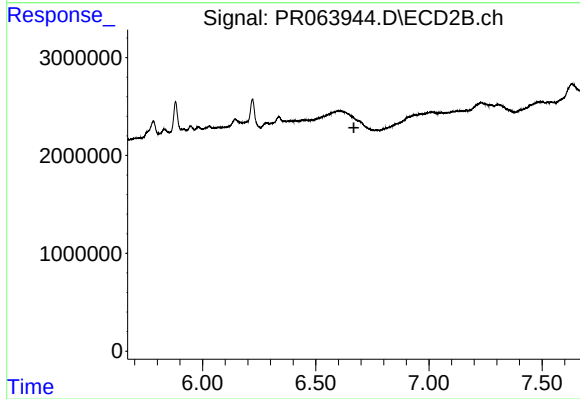
#33 AR-1260-3

R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 1914043
Conc: 7.59 ng/ml



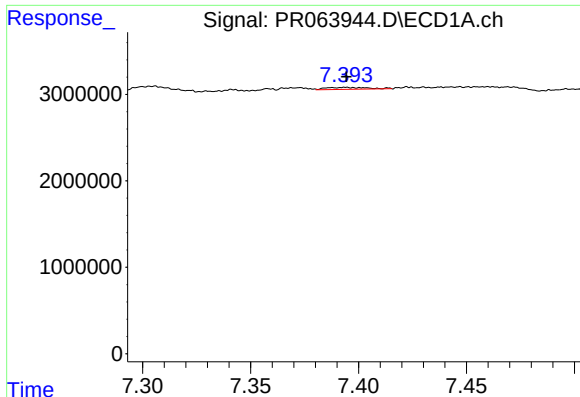
#34 AR-1260-4

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 208996
Conc: 0.86 ng/ml



#34 AR-1260-4

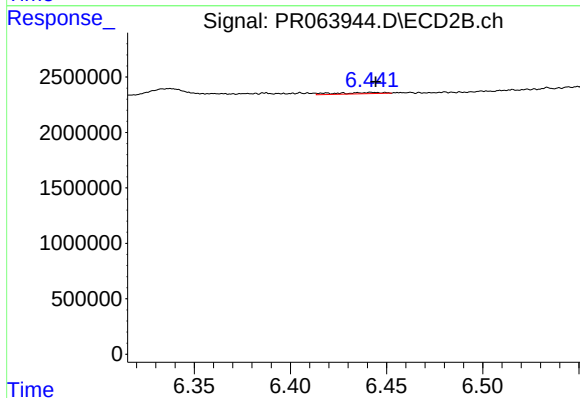
R.T.: 0.000 min
Exp R.T. : 6.668 min
Response: 0
Conc: N.D.



#36 AR-1262-1

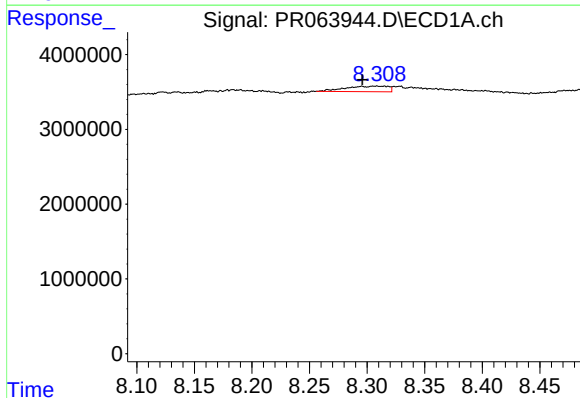
R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 308522
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



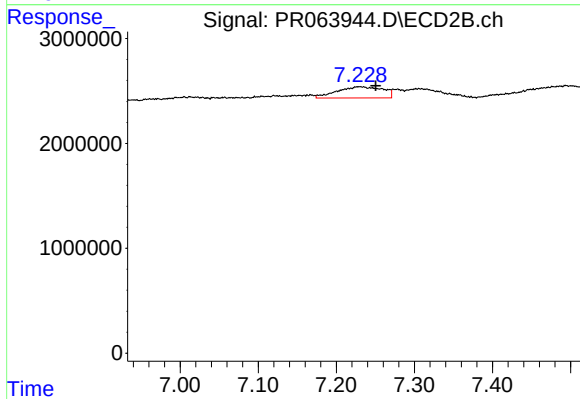
#36 AR-1262-1

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 205736
Conc: 1.90 ng/ml



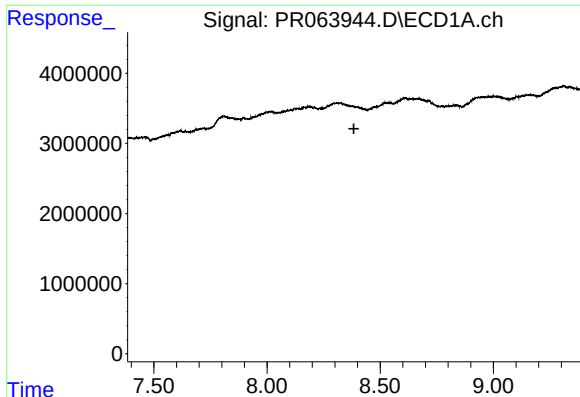
#38 AR-1262-3

R.T.: 8.308 min
Delta R.T.: 0.013 min
Response: 1921307
Conc: 5.13 ng/ml



#38 AR-1262-3

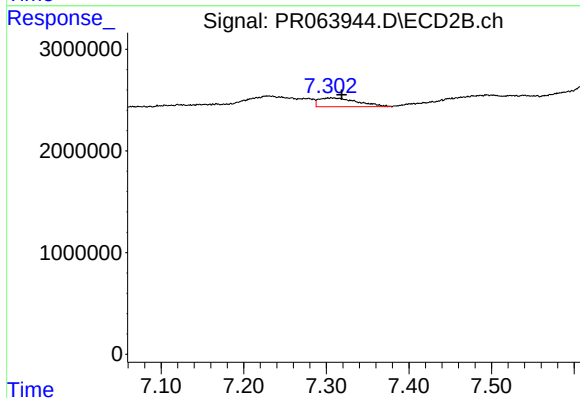
R.T.: 7.230 min
Delta R.T.: -0.020 min
Response: 4379426
Conc: 25.47 ng/ml



#39 AR-1262-4

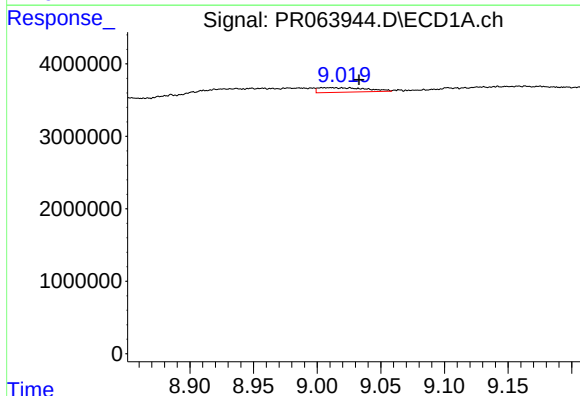
R.T.: 0.000 min
Exp R.T.: 8.384 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



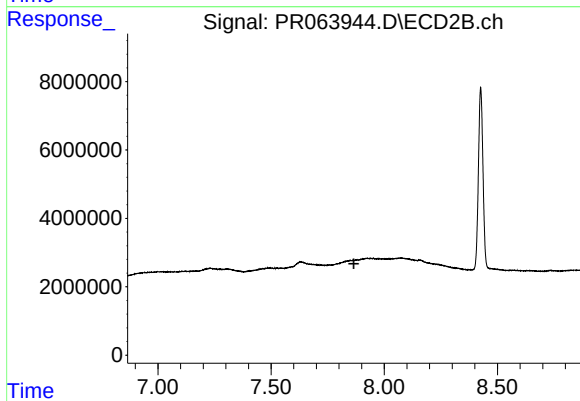
#39 AR-1262-4

R.T.: 7.306 min
Delta R.T.: -0.013 min
Response: 2770687
Conc: 8.66 ng/ml



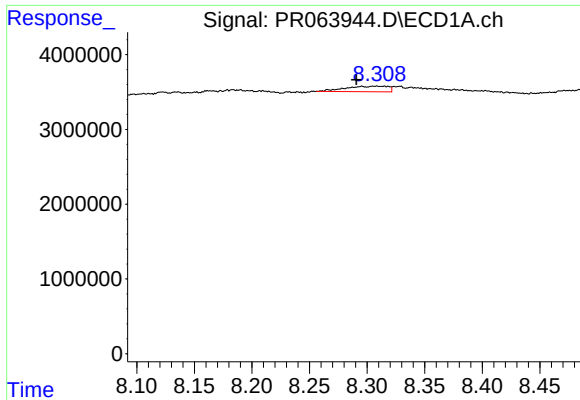
#40 AR-1262-5

R.T.: 9.011 min
Delta R.T.: -0.022 min
Response: 1640139
Conc: 7.99 ng/ml



#40 AR-1262-5

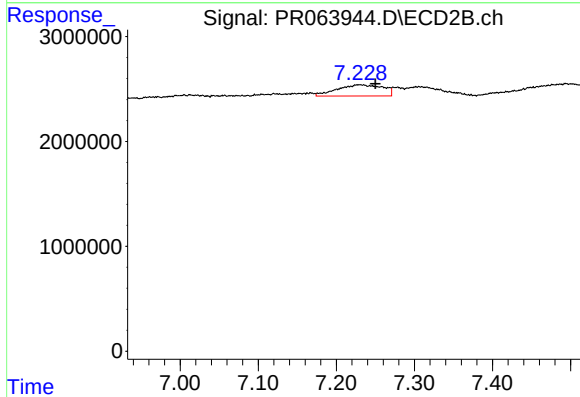
R.T.: 0.000 min
Exp R.T.: 7.866 min
Response: 0
Conc: N.D.



#41 AR-1268-1

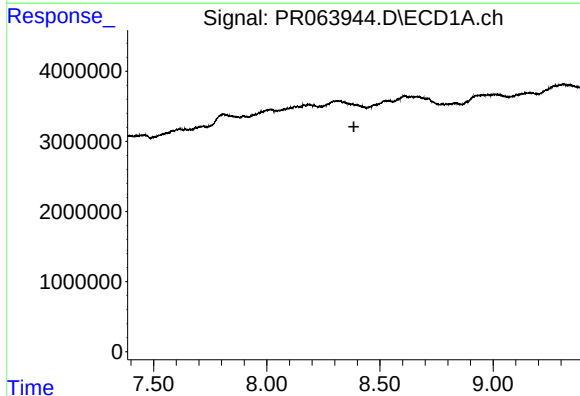
R.T.: 8.308 min
Delta R.T.: 0.018 min
Response: 1921307
Conc: 2.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



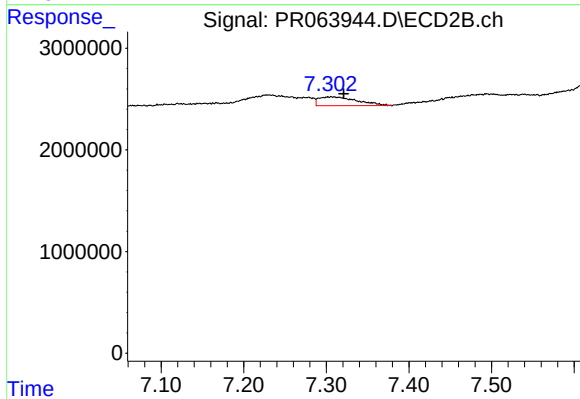
#41 AR-1268-1

R.T.: 7.230 min
Delta R.T.: -0.020 min
Response: 4379426
Conc: 9.05 ng/ml



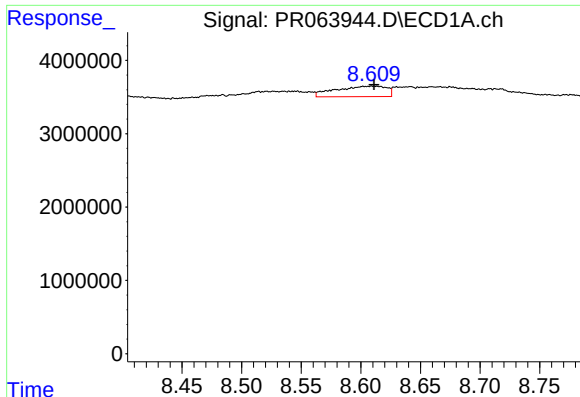
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.385 min
Response: 0
Conc: N.D.



#42 AR-1268-2

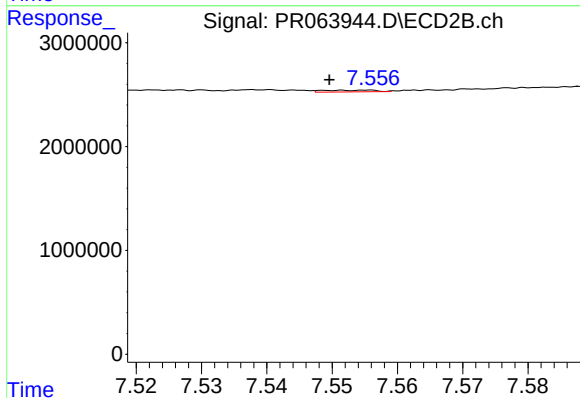
R.T.: 7.306 min
Delta R.T.: -0.015 min
Response: 2770687
Conc: 6.23 ng/ml



#43 AR-1268-3

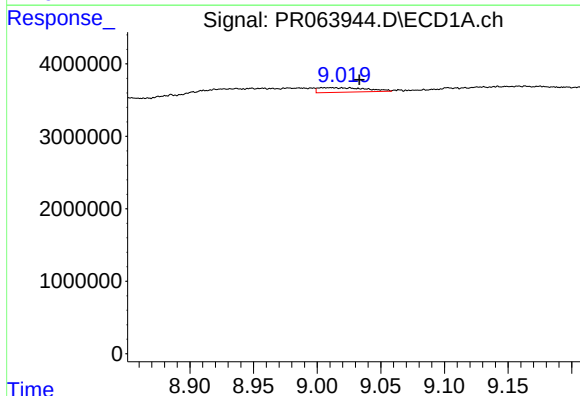
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 4285373
Conc: 8.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



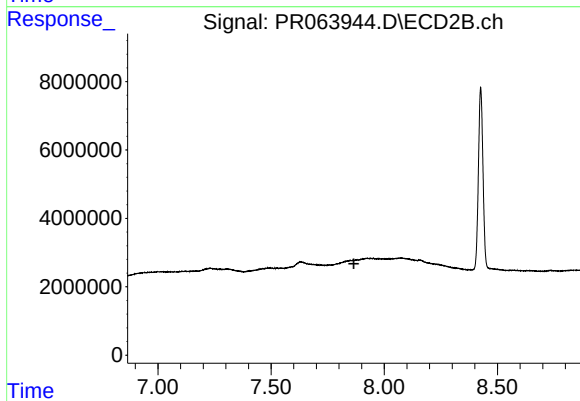
#43 AR-1268-3

R.T.: 7.555 min
Delta R.T.: 0.005 min
Response: 94154
Conc: 0.25 ng/ml



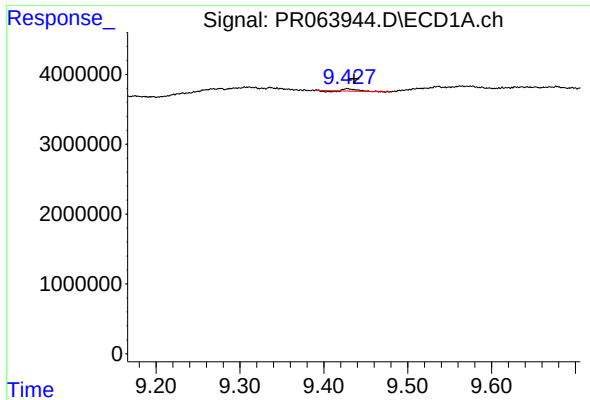
#44 AR-1268-4

R.T.: 9.011 min
Delta R.T.: -0.022 min
Response: 1640139
Conc: 7.47 ng/ml



#44 AR-1268-4

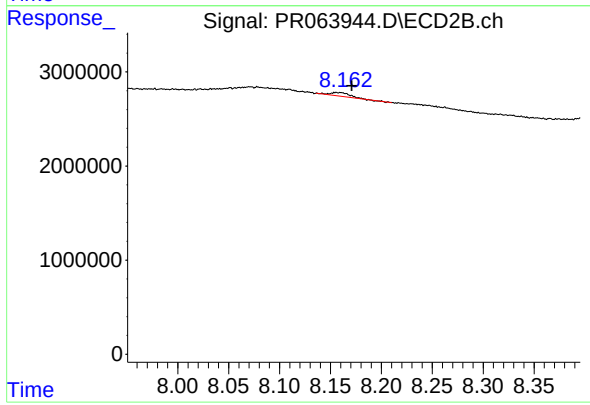
R.T.: 0.000 min
Exp R.T. : 7.866 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.428 min
Delta R.T.: -0.008 min
Response: 240741
Conc: 0.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.156 min
Delta R.T.: -0.015 min
Response: 396283
Conc: 0.36 ng/ml