

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102723\
 Data File : PR064271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 19:19
 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 27 22:18:56 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...	3.735	3.022	137.9E6	74518377	19.254	18.054
2)	SA Decachlor...	9.757	8.414	185.7E6	118.8E6	39.755	39.133
Target Compounds							
3)	L1 AR-1016-1	4.978	4.171	53983765	34256051	250.957	235.649
4)	L1 AR-1016-2	5.001	4.190	67313568	34476838	205.435	172.466
5)	L1 AR-1016-3	5.066	4.374	33462522	23795653	161.758	215.851 #
6)	L1 AR-1016-4	5.168	4.425	36300818	48936704	222.863	565.494 #
7)	L1 AR-1016-5	5.488	4.648	89875255	58783275	552.891	514.528
8)	L2 AR-1221-1	3.962	3.252	941793	455680	11.529	8.417 #
9)	L2 AR-1221-2	4.052	3.335	2792425	1614233	51.368	41.685
10)	L2 AR-1221-3	4.131	3.420	4804768	3370540	26.772	26.876
11)	L3 AR-1232-1	4.131	3.420	4804768	3370540	32.319	32.189
12)	L3 AR-1232-2	4.688	4.190	25941208	34476838	318.258	369.424
13)	L3 AR-1232-3	5.001	4.374	67313568	23795653	449.702	470.192
14)	L3 AR-1232-4	5.168	4.467	36300818	49744585	497.615	1089.362 #
15)	L3 AR-1232-5	5.274	4.648	76390932	58783275	1397.422	1166.016
16)	L4 AR-1242-1	4.978	4.171	53983765	34256051	298.936	278.651
17)	L4 AR-1242-2	5.001	4.190	67313568	34476838	245.298	204.931
18)	L4 AR-1242-3	5.066	4.374	33462522	23795653	190.294	255.807 #
19)	L4 AR-1242-4	5.168	4.467	36300818	49744585	265.568	547.325 #
20)	L4 AR-1242-5	5.966	5.027	95949269	81327693	648.040	733.697
21)	L5 AR-1248-1	4.978	4.171	53983765	34256051	391.377	363.123
22)	L5 AR-1248-2	5.274	4.425	76390932	48936704	390.106	375.853
23)	L5 AR-1248-3	5.488	4.467	89875255	49744585	390.343	368.983
24)	L5 AR-1248-4	5.926	4.648	93627210	58783275	378.187	365.462
25)	L5 AR-1248-5	5.966	5.070	95949269	56335880	382.873	372.566
26)	L6 AR-1254-1	5.894	5.027	76539764	81327693	305.278	352.637
27)	L6 AR-1254-2	6.135	5.190	95472724	25728163	250.988	129.933 #
28)	L6 AR-1254-3	6.530	5.621	52023453	39888223	133.520	127.417
29)	L6 AR-1254-4	6.845	5.873	33272275	26046862	124.400	138.614
30)	L6 AR-1254-5	7.304	6.327	8590528	7998885	29.218	29.316
31)	L7 AR-1260-1	6.712	5.774	5396132	20231089	18.156	90.104 #
32)	L7 AR-1260-2	6.997	5.973	3996087	2842719	11.555	10.780
33)	L7 AR-1260-3	7.391	6.134	601547	4755843	2.341	18.808 #
34)	L7 AR-1260-4	7.614	6.653	4190553	612590	14.828	3.105 #
35)	L7 AR-1260-5	7.975	6.920	1865165	1208709	3.455	2.846
36)	L8 AR-1262-1	7.391	6.401	601547	839391	1.598	2.884 #
37)	L8 AR-1262-2	7.975	6.920	1865165	1208709	3.030	2.590
38)	L8 AR-1262-3	8.297	7.229	1382953	477898	3.300	2.617
39)	L8 AR-1262-4	8.361	7.299	502632	1227142	1.561	3.643 #
40)	L8 AR-1262-5	9.022	7.846	503288	233123	2.290	1.595 #
41)	L9 AR-1268-1	8.297	7.229	1382953	477898	1.885	0.919 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102723\
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Acq On : 27 Oct 2023 19:19
Operator : AJ\MA
Sample : AR1248CCC400
Misc :
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Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 22:18:56 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

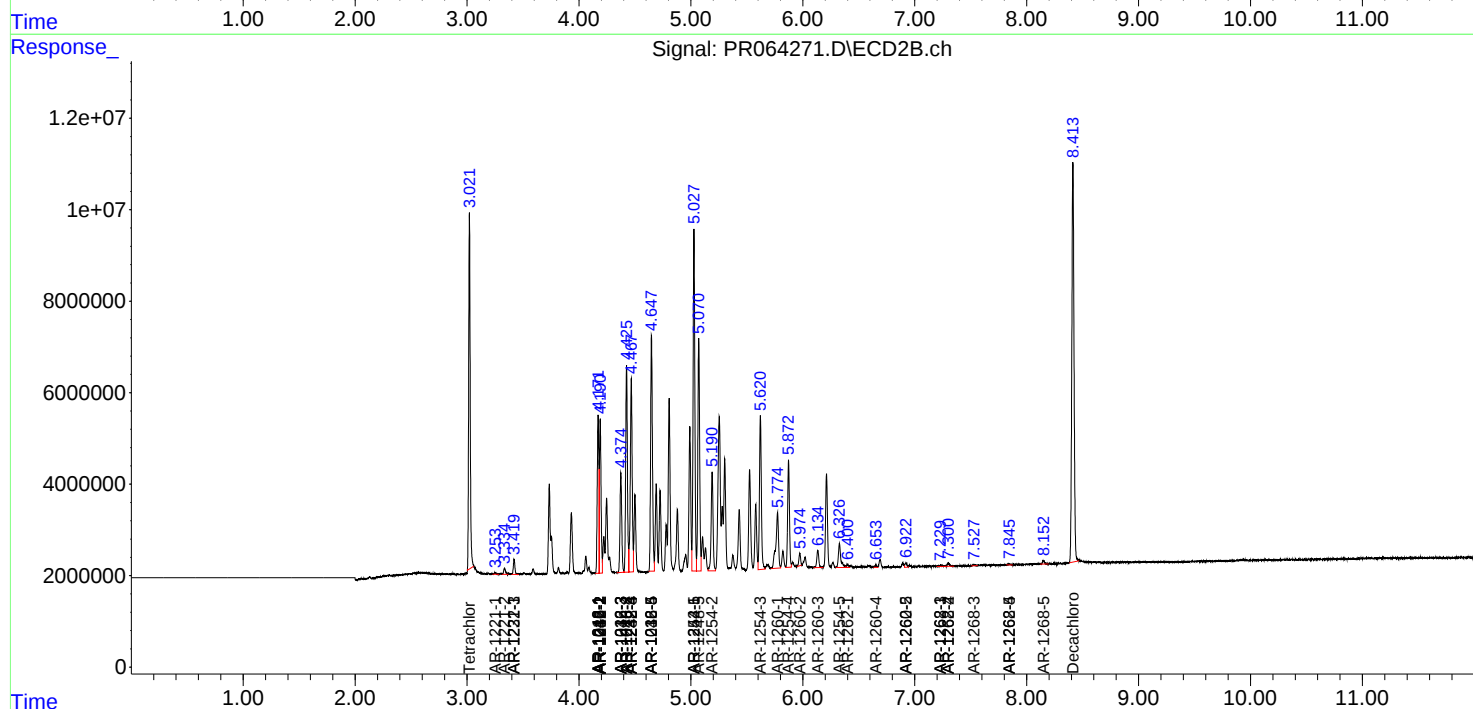
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

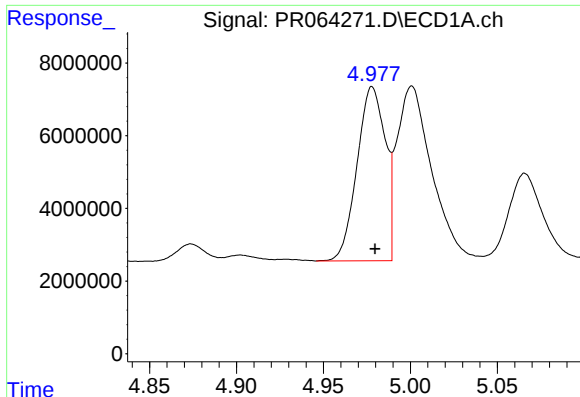
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.361	7.299	502632	1227142	0.757	2.599 #
43)	L9 AR-1268-3	8.608	7.533	381951	343283	0.663	0.859 #
44)	L9 AR-1268-4	9.022	7.846	503288	233123	2.152	1.432 #
45)	L9 AR-1268-5	9.429	8.152	1067622	912072	0.600	0.780 #

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

Instrument :
ECD_R
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

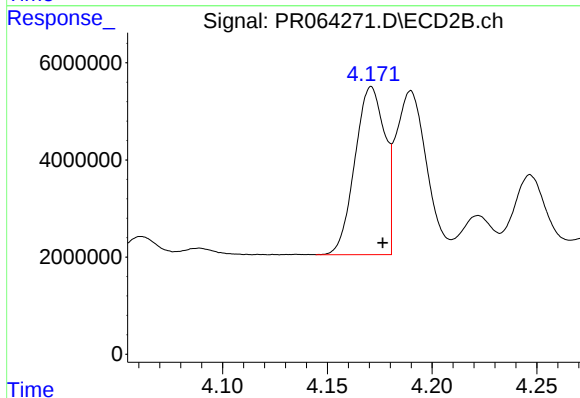




#3 AR-1016-1

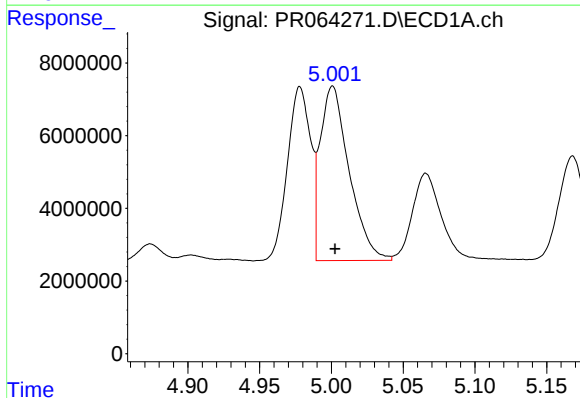
R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 53983765
Conc: 250.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



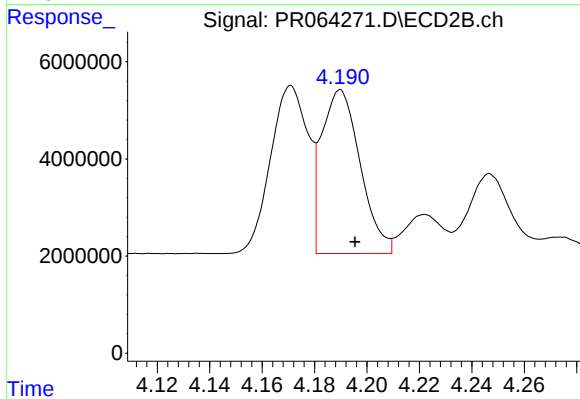
#3 AR-1016-1

R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 34256051
Conc: 235.65 ng/ml



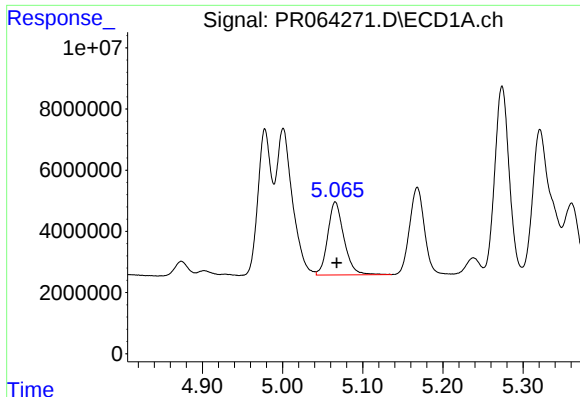
#4 AR-1016-2

R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 67313568
Conc: 205.44 ng/ml



#4 AR-1016-2

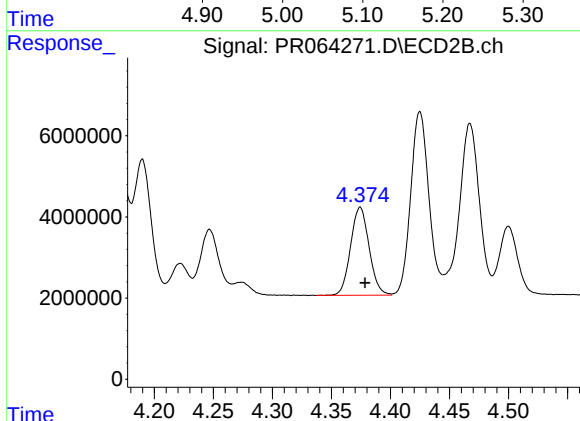
R.T.: 4.190 min
Delta R.T.: -0.006 min
Response: 34476838
Conc: 172.47 ng/ml



#5 AR-1016-3

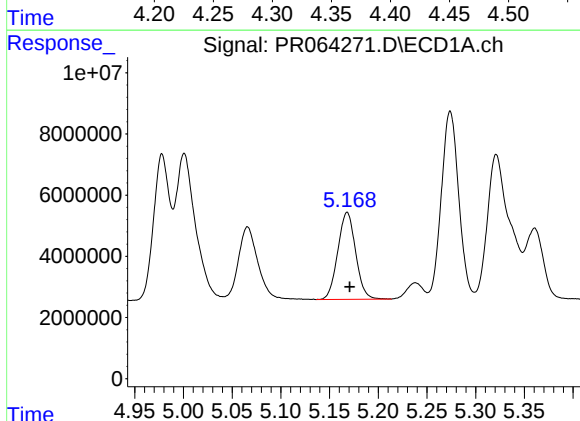
R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 33462522
Conc: 161.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



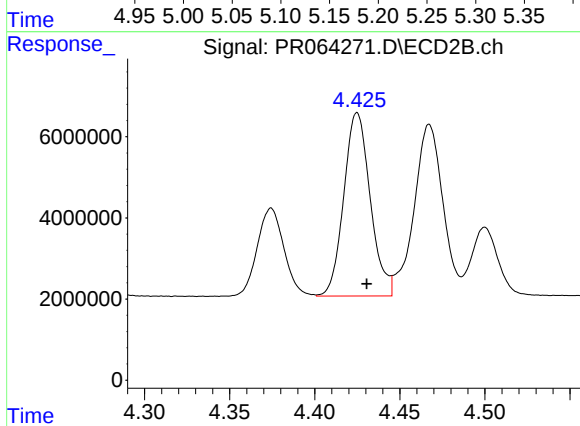
#5 AR-1016-3

R.T.: 4.374 min
Delta R.T.: -0.004 min
Response: 23795653
Conc: 215.85 ng/ml



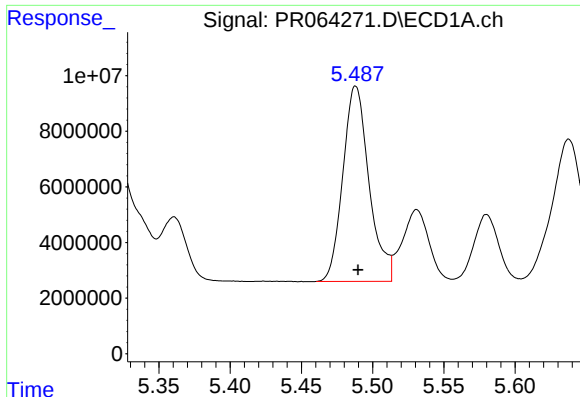
#6 AR-1016-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 36300818
Conc: 222.86 ng/ml



#6 AR-1016-4

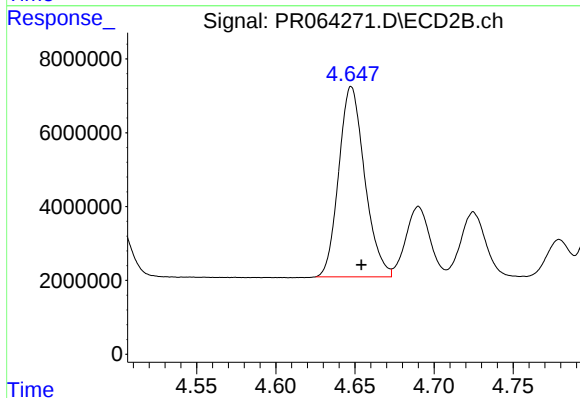
R.T.: 4.425 min
Delta R.T.: -0.006 min
Response: 48936704
Conc: 565.49 ng/ml



#7 AR-1016-5

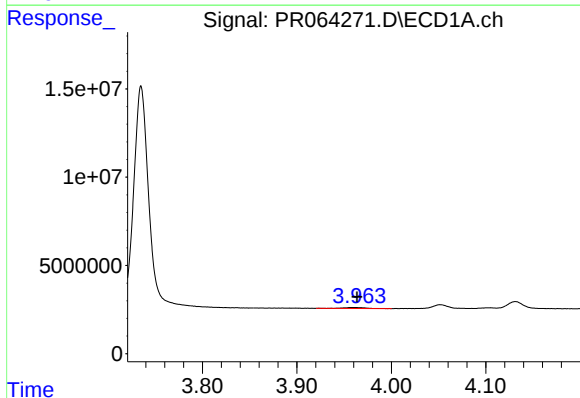
R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 89875255
Conc: 552.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



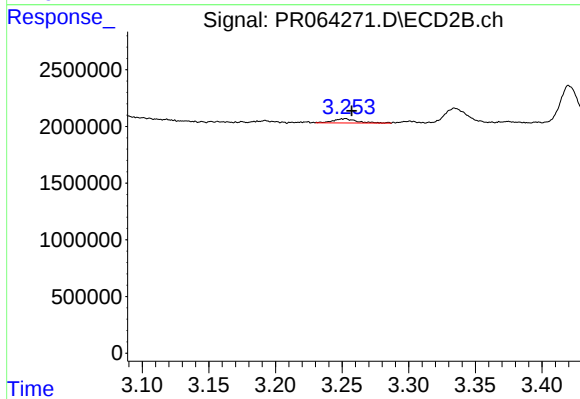
#7 AR-1016-5

R.T.: 4.648 min
Delta R.T.: -0.006 min
Response: 58783275
Conc: 514.53 ng/ml



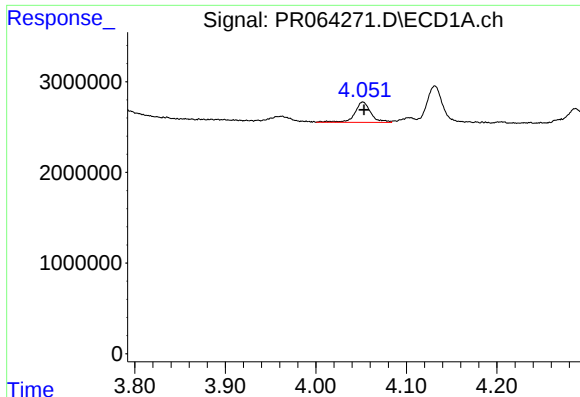
#8 AR-1221-1

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 941793
Conc: 11.53 ng/ml



#8 AR-1221-1

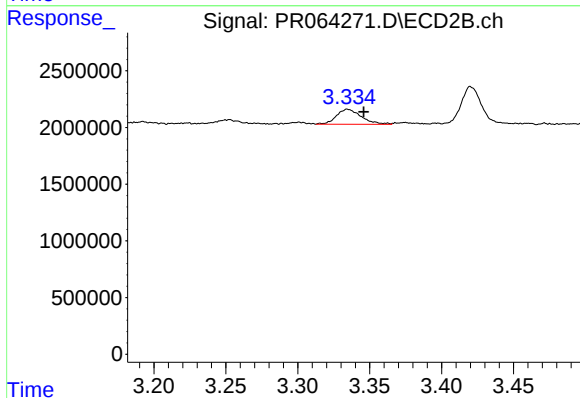
R.T.: 3.252 min
Delta R.T.: -0.005 min
Response: 455680
Conc: 8.42 ng/ml



#9 AR-1221-2

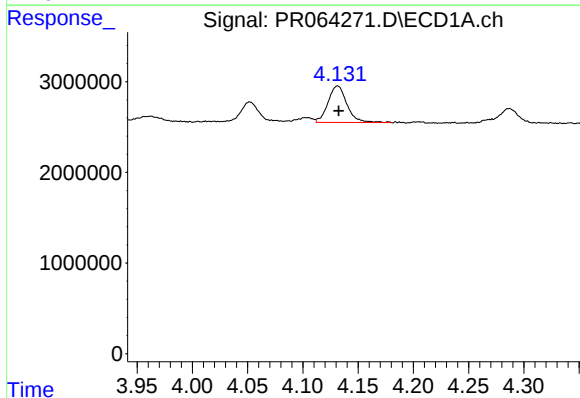
R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 2792425
Conc: 51.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



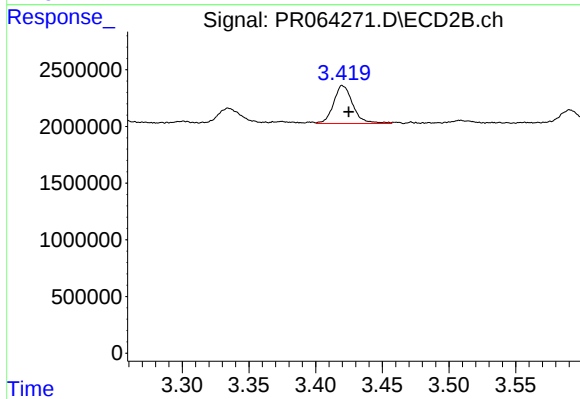
#9 AR-1221-2

R.T.: 3.335 min
Delta R.T.: -0.011 min
Response: 1614233
Conc: 41.69 ng/ml



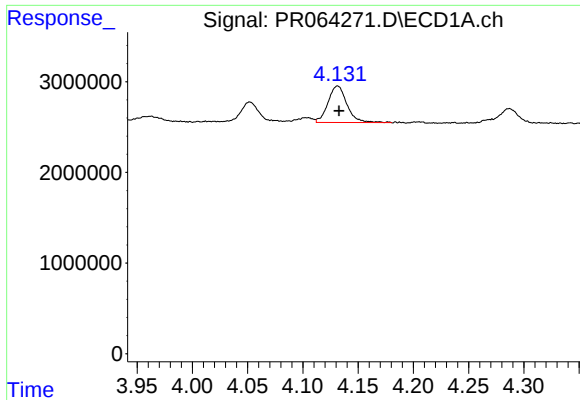
#10 AR-1221-3

R.T.: 4.131 min
Delta R.T.: -0.001 min
Response: 4804768
Conc: 26.77 ng/ml



#10 AR-1221-3

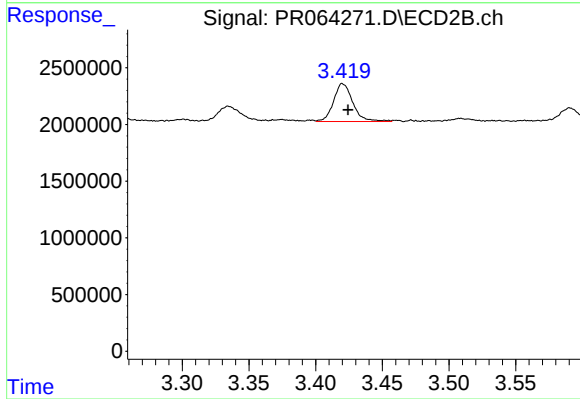
R.T.: 3.420 min
Delta R.T.: -0.004 min
Response: 3370540
Conc: 26.88 ng/ml



#11 AR-1232-1

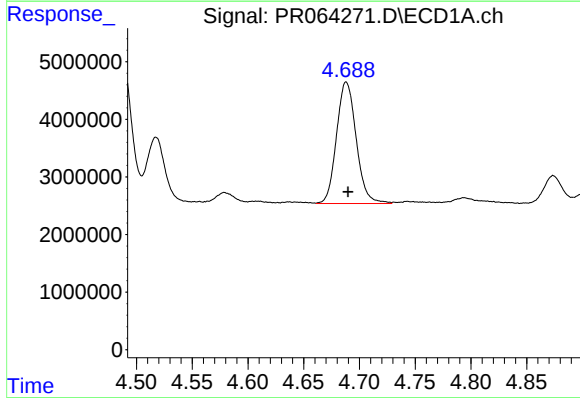
R.T.: 4.131 min
Delta R.T.: -0.001 min
Response: 4804768
Conc: 32.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



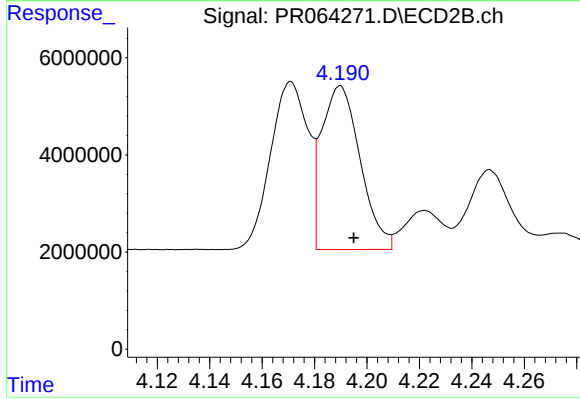
#11 AR-1232-1

R.T.: 3.420 min
Delta R.T.: -0.004 min
Response: 3370540
Conc: 32.19 ng/ml



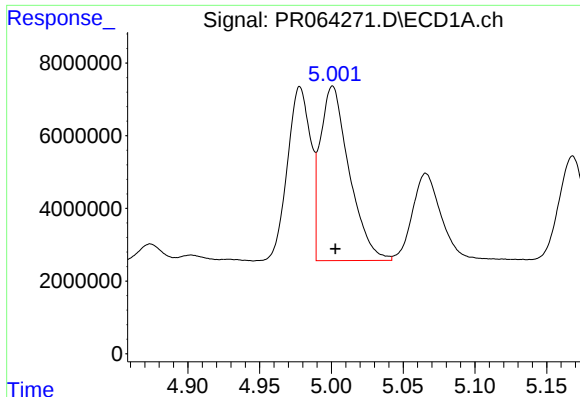
#12 AR-1232-2

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 25941208
Conc: 318.26 ng/ml



#12 AR-1232-2

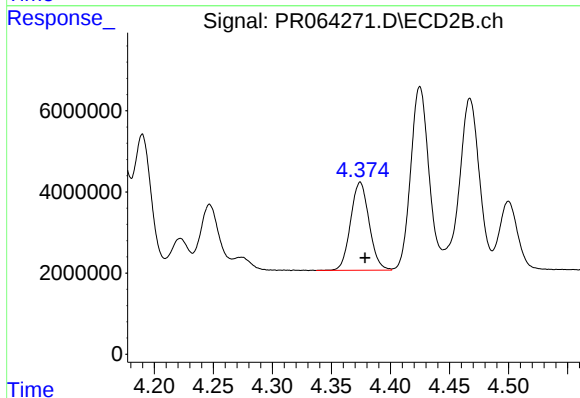
R.T.: 4.190 min
Delta R.T.: -0.005 min
Response: 34476838
Conc: 369.42 ng/ml



#13 AR-1232-3

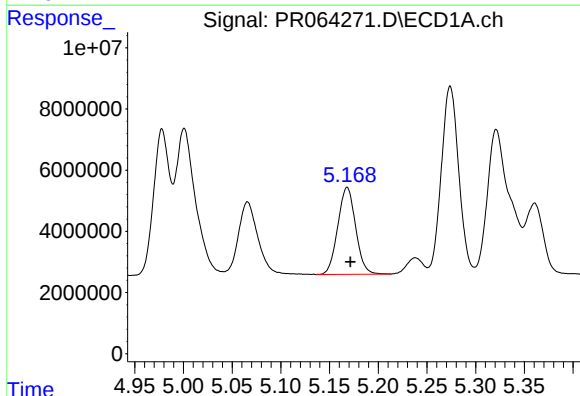
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 67313568
Conc: 449.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



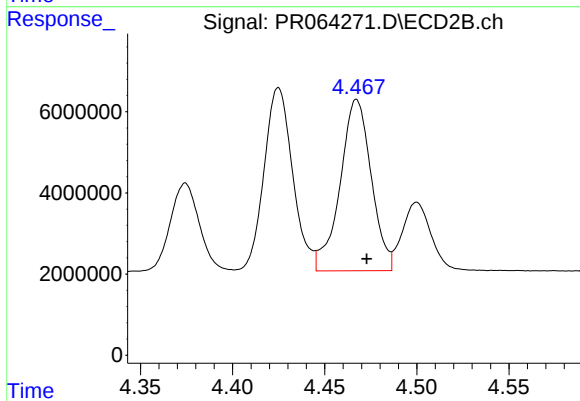
#13 AR-1232-3

R.T.: 4.374 min
Delta R.T.: -0.004 min
Response: 23795653
Conc: 470.19 ng/ml



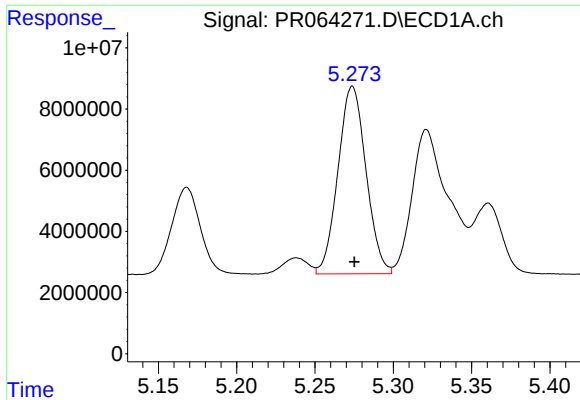
#14 AR-1232-4

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 36300818
Conc: 497.61 ng/ml



#14 AR-1232-4

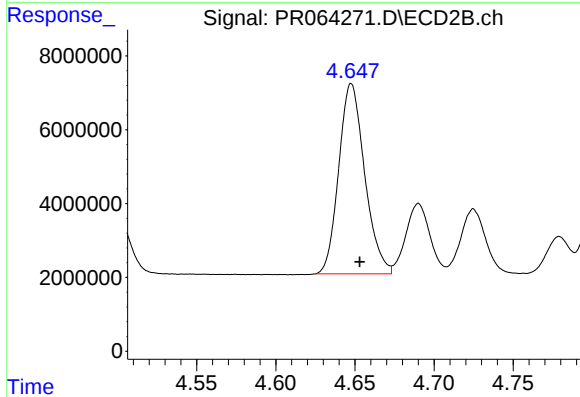
R.T.: 4.467 min
Delta R.T.: -0.005 min
Response: 49744585
Conc: 1089.36 ng/ml



#15 AR-1232-5

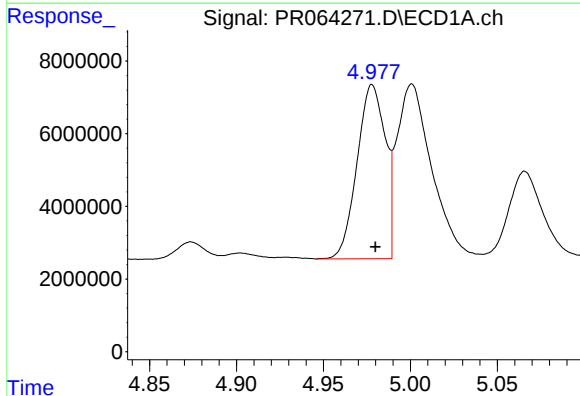
R.T.: 5.274 min
Delta R.T.: -0.001 min
Response: 76390932
Conc: 1397.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



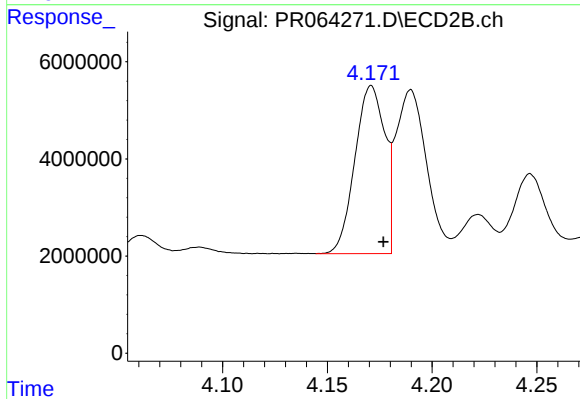
#15 AR-1232-5

R.T.: 4.648 min
Delta R.T.: -0.005 min
Response: 58783275
Conc: 1166.02 ng/ml



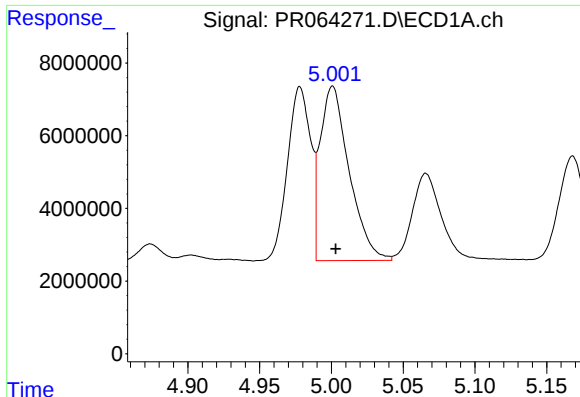
#16 AR-1242-1

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 53983765
Conc: 298.94 ng/ml



#16 AR-1242-1

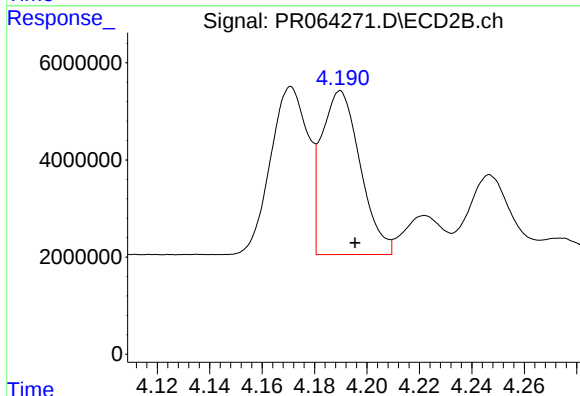
R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 34256051
Conc: 278.65 ng/ml



#17 AR-1242-2

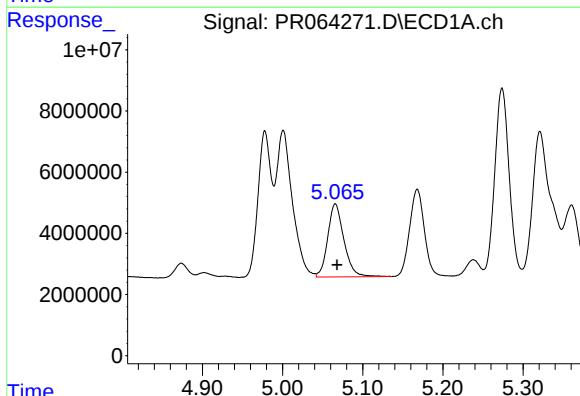
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 67313568
Conc: 245.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



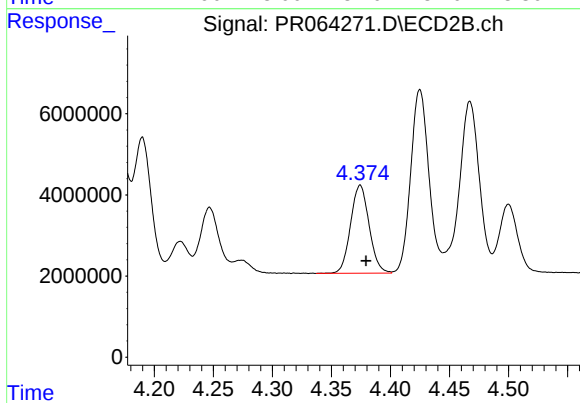
#17 AR-1242-2

R.T.: 4.190 min
Delta R.T.: -0.006 min
Response: 34476838
Conc: 204.93 ng/ml



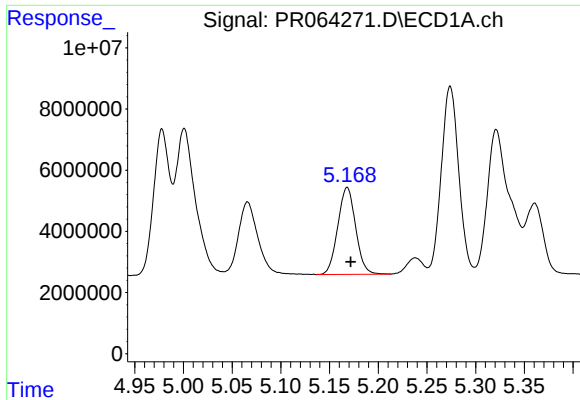
#18 AR-1242-3

R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 33462522
Conc: 190.29 ng/ml



#18 AR-1242-3

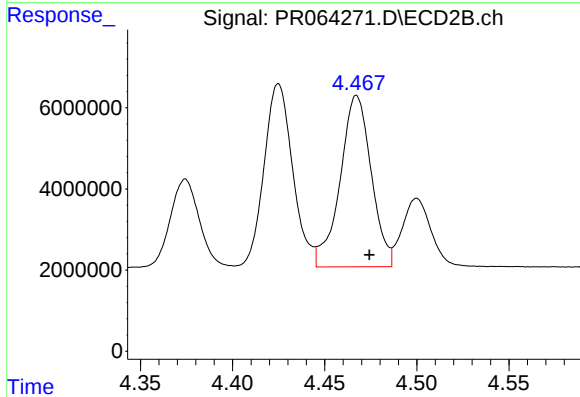
R.T.: 4.374 min
Delta R.T.: -0.005 min
Response: 23795653
Conc: 255.81 ng/ml



#19 AR-1242-4

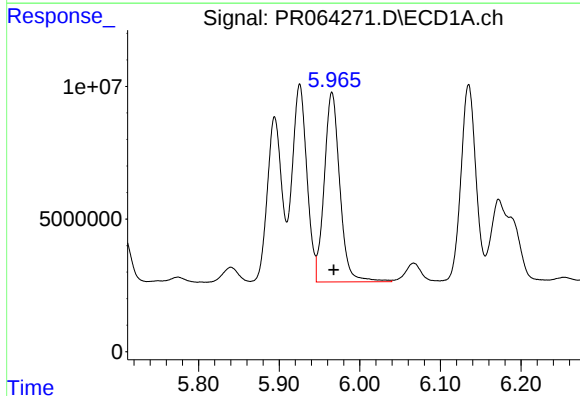
R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 36300818
Conc: 265.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



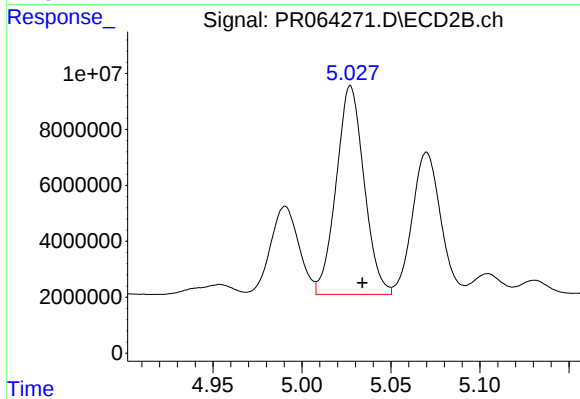
#19 AR-1242-4

R.T.: 4.467 min
Delta R.T.: -0.007 min
Response: 49744585
Conc: 547.32 ng/ml



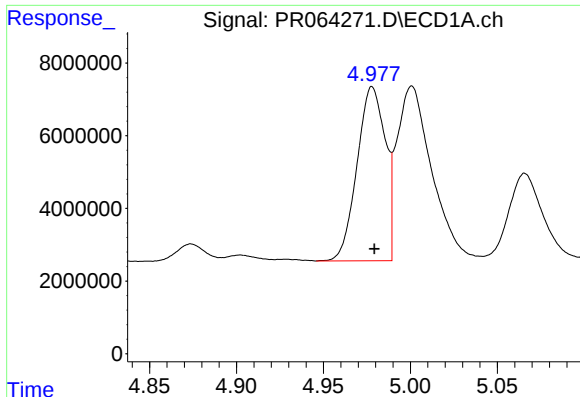
#20 AR-1242-5

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 95949269
Conc: 648.04 ng/ml



#20 AR-1242-5

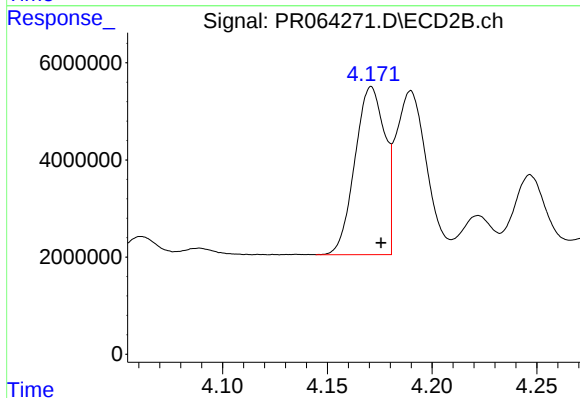
R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 81327693
Conc: 733.70 ng/ml



#21 AR-1248-1

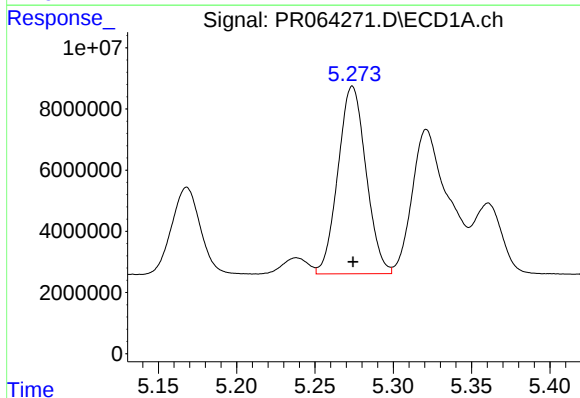
R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 53983765
Conc: 391.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



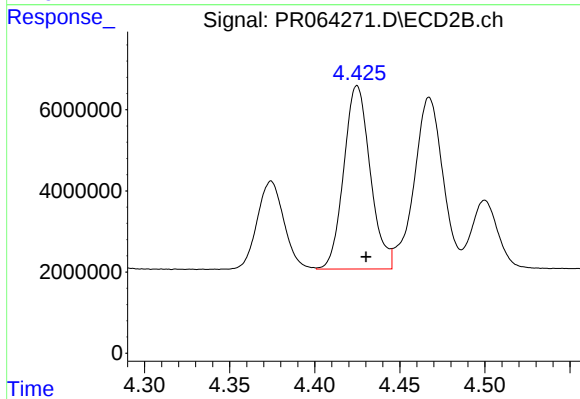
#21 AR-1248-1

R.T.: 4.171 min
Delta R.T.: -0.005 min
Response: 34256051
Conc: 363.12 ng/ml



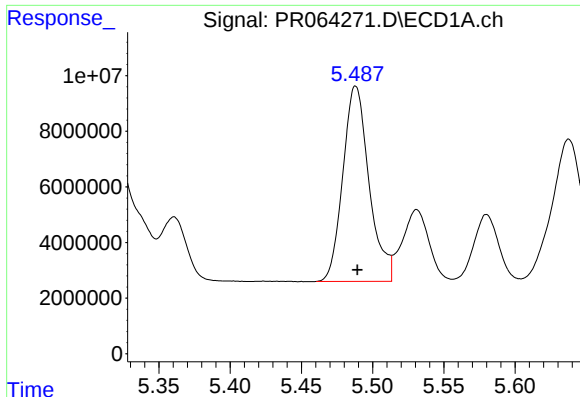
#22 AR-1248-2

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 76390932
Conc: 390.11 ng/ml



#22 AR-1248-2

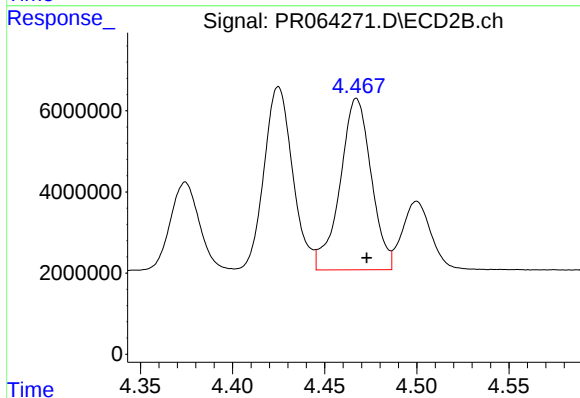
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 48936704
Conc: 375.85 ng/ml



#23 AR-1248-3

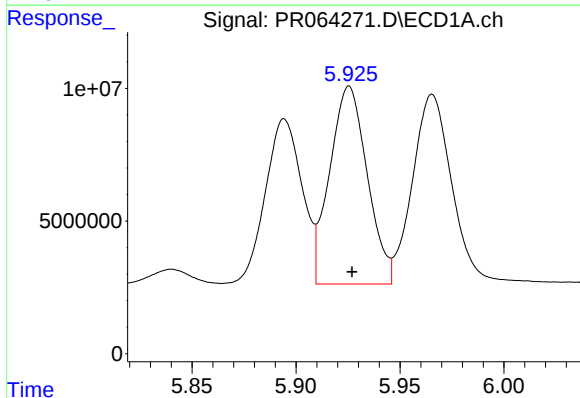
R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 89875255
Conc: 390.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



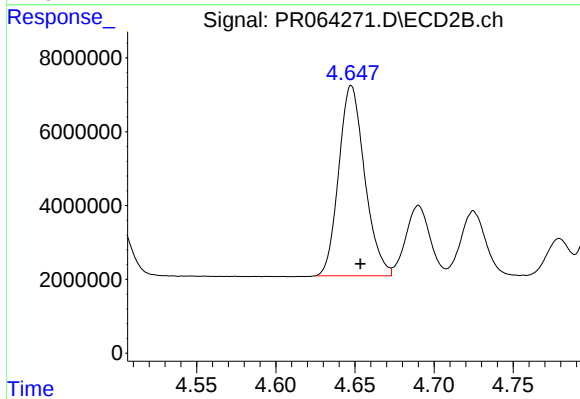
#23 AR-1248-3

R.T.: 4.467 min
Delta R.T.: -0.005 min
Response: 49744585
Conc: 368.98 ng/ml



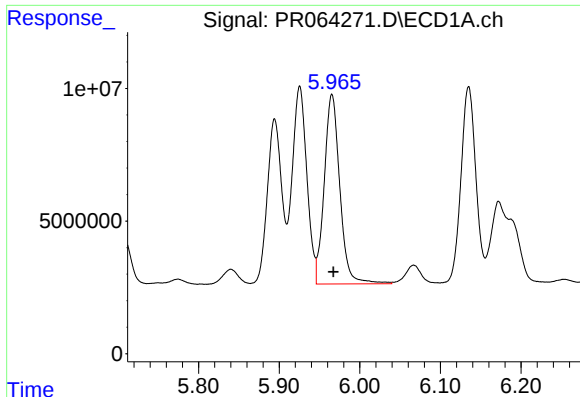
#24 AR-1248-4

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 93627210
Conc: 378.19 ng/ml



#24 AR-1248-4

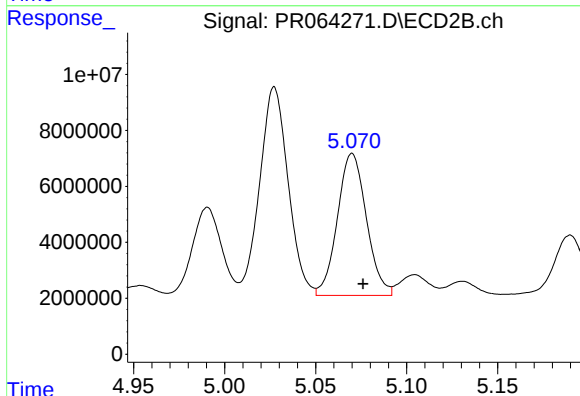
R.T.: 4.648 min
Delta R.T.: -0.006 min
Response: 58783275
Conc: 365.46 ng/ml



#25 AR-1248-5

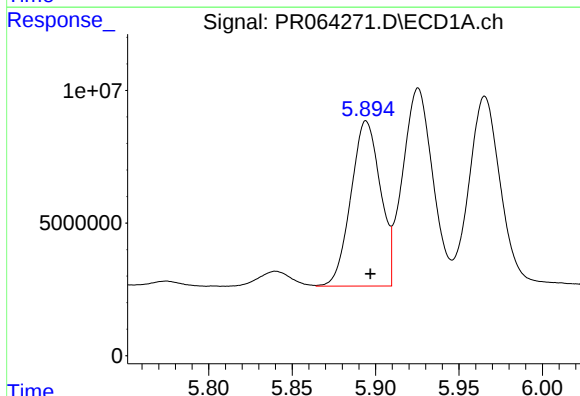
R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 95949269
Conc: 382.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



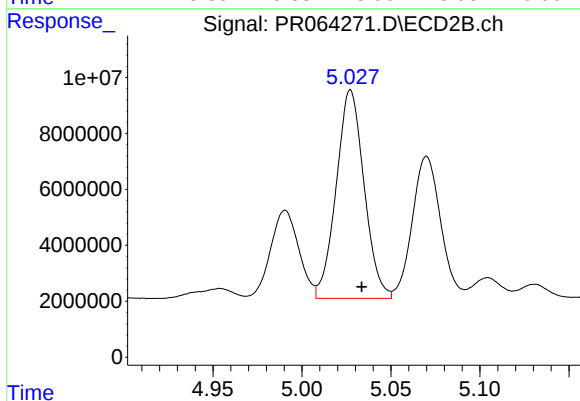
#25 AR-1248-5

R.T.: 5.070 min
Delta R.T.: -0.006 min
Response: 56335880
Conc: 372.57 ng/ml



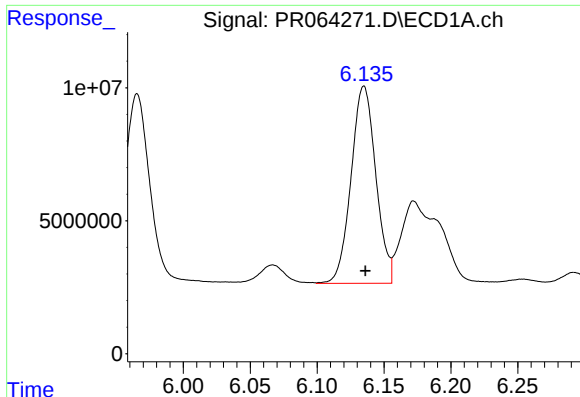
#26 AR-1254-1

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 76539764
Conc: 305.28 ng/ml



#26 AR-1254-1

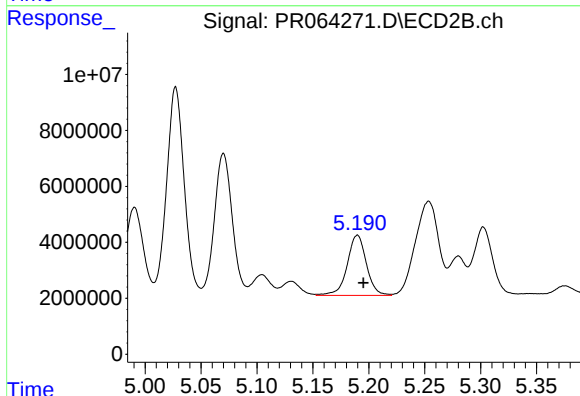
R.T.: 5.027 min
Delta R.T.: -0.006 min
Response: 81327693
Conc: 352.64 ng/ml



#27 AR-1254-2

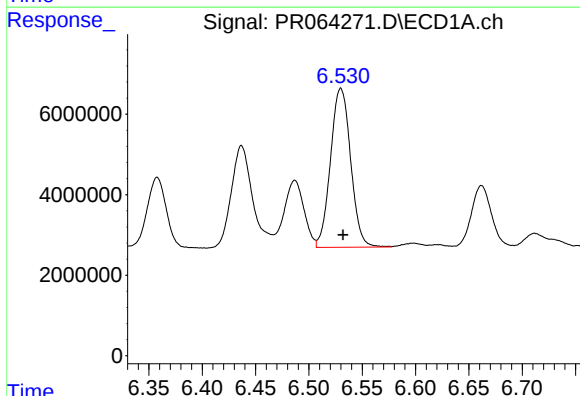
R.T.: 6.135 min
Delta R.T.: -0.001 min
Response: 95472724
Conc: 250.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



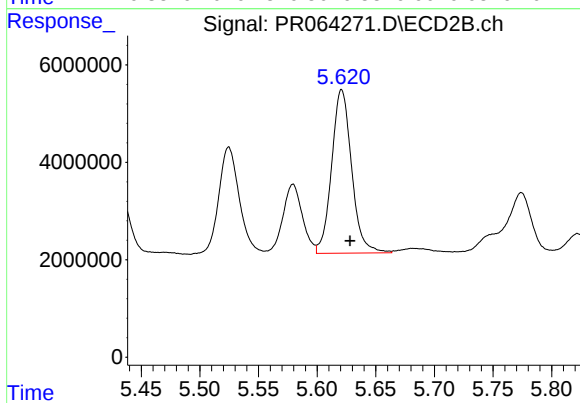
#27 AR-1254-2

R.T.: 5.190 min
Delta R.T.: -0.005 min
Response: 25728163
Conc: 129.93 ng/ml



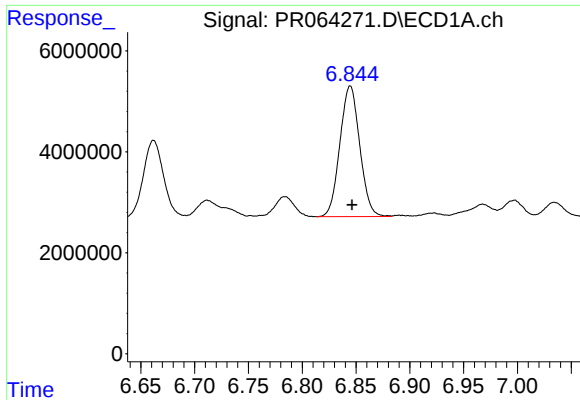
#28 AR-1254-3

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 52023453
Conc: 133.52 ng/ml



#28 AR-1254-3

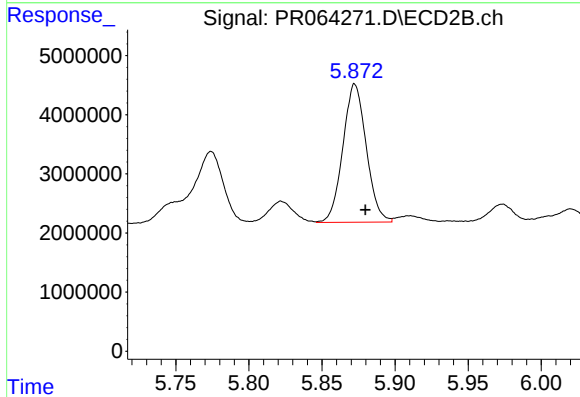
R.T.: 5.621 min
Delta R.T.: -0.007 min
Response: 39888223
Conc: 127.42 ng/ml



#29 AR-1254-4

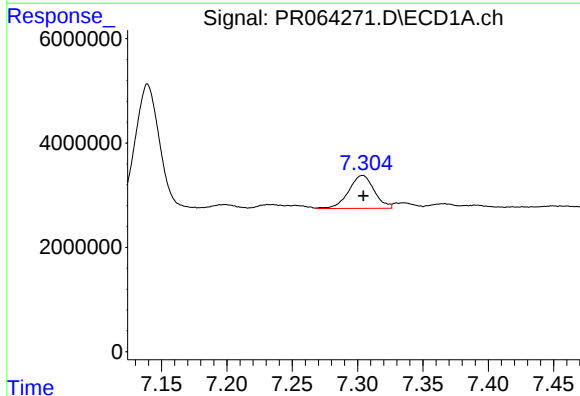
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 33272275
Conc: 124.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



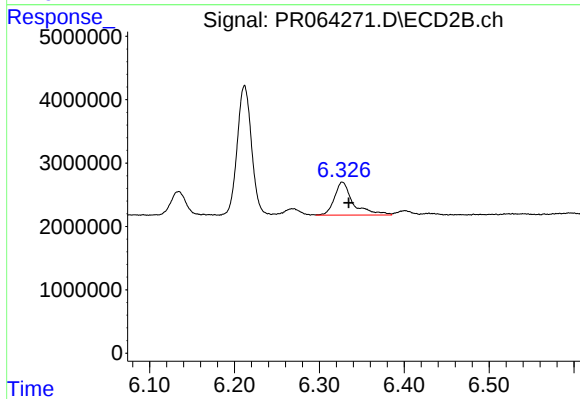
#29 AR-1254-4

R.T.: 5.873 min
Delta R.T.: -0.007 min
Response: 26046862
Conc: 138.61 ng/ml



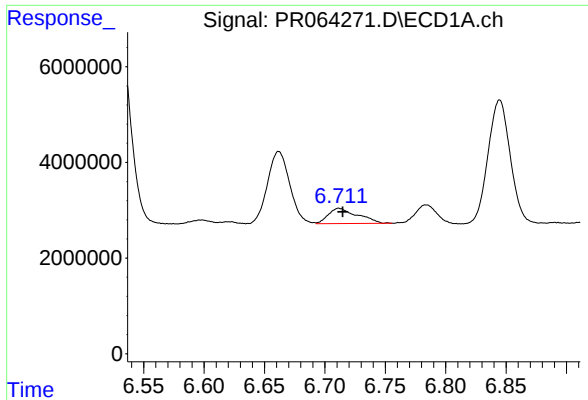
#30 AR-1254-5

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 8590528
Conc: 29.22 ng/ml



#30 AR-1254-5

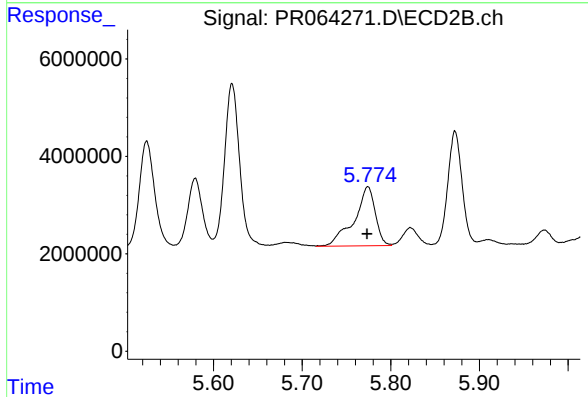
R.T.: 6.327 min
Delta R.T.: -0.007 min
Response: 7998885
Conc: 29.32 ng/ml



#31 AR-1260-1

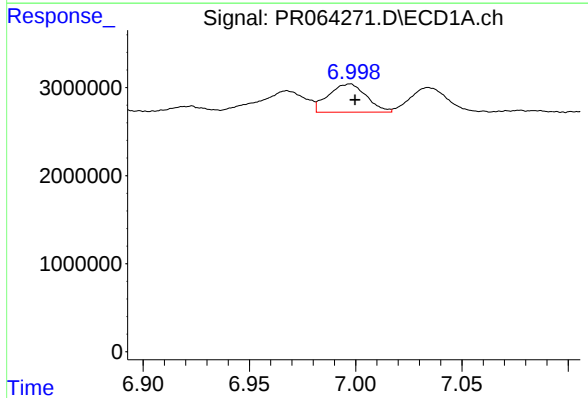
R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 5396132
Conc: 18.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



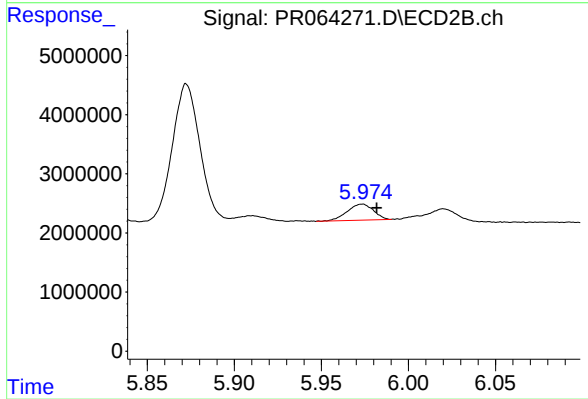
#31 AR-1260-1

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 20231089
Conc: 90.10 ng/ml



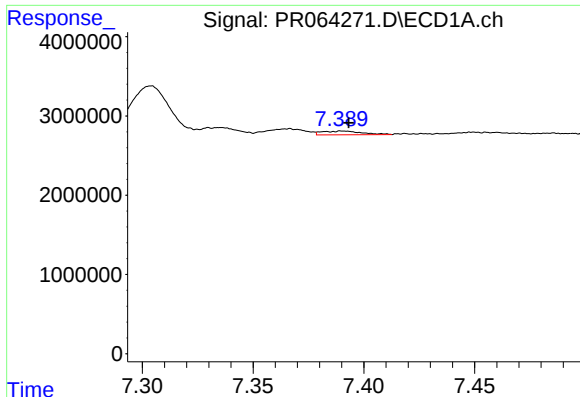
#32 AR-1260-2

R.T.: 6.997 min
Delta R.T.: -0.002 min
Response: 3996087
Conc: 11.56 ng/ml



#32 AR-1260-2

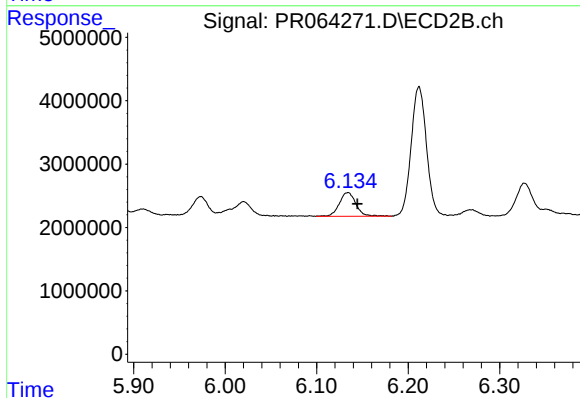
R.T.: 5.973 min
Delta R.T.: -0.008 min
Response: 2842719
Conc: 10.78 ng/ml



#33 AR-1260-3

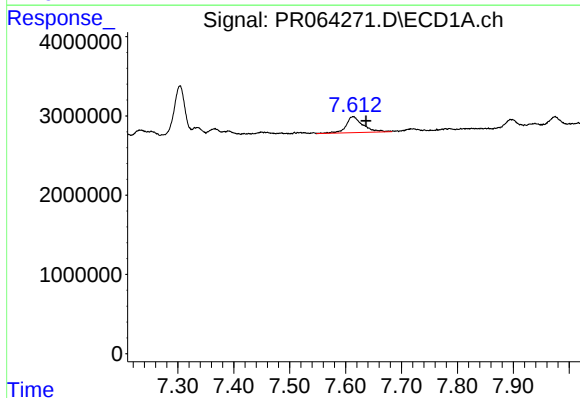
R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 601547
Conc: 2.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



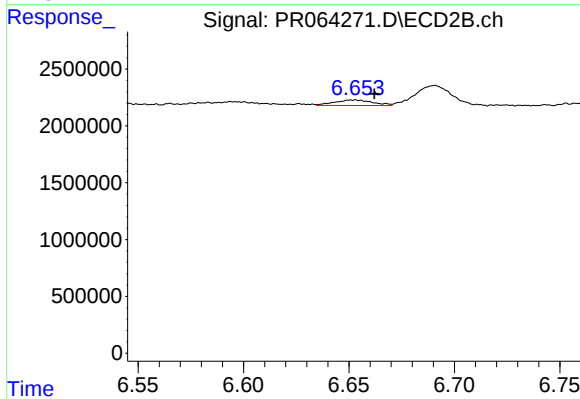
#33 AR-1260-3

R.T.: 6.134 min
Delta R.T.: -0.010 min
Response: 4755843
Conc: 18.81 ng/ml



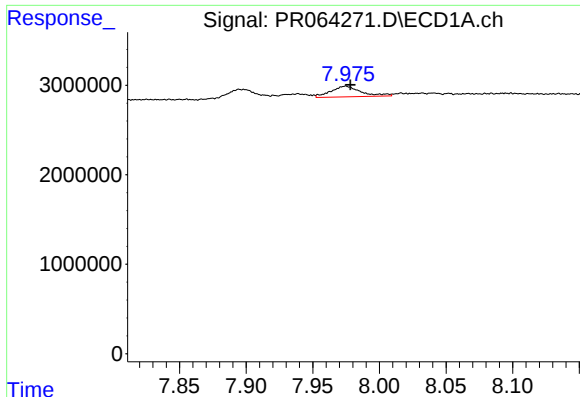
#34 AR-1260-4

R.T.: 7.614 min
Delta R.T.: -0.023 min
Response: 4190553
Conc: 14.83 ng/ml



#34 AR-1260-4

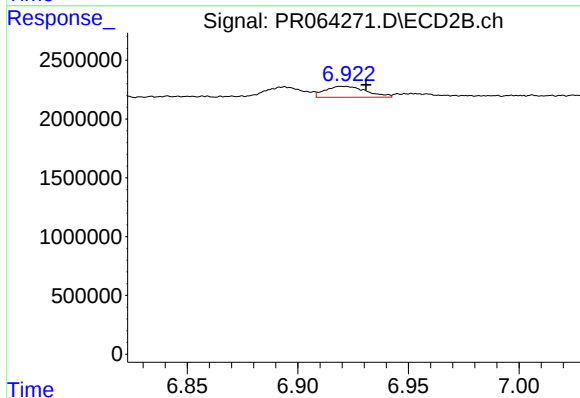
R.T.: 6.653 min
Delta R.T.: -0.010 min
Response: 612590
Conc: 3.11 ng/ml



#35 AR-1260-5

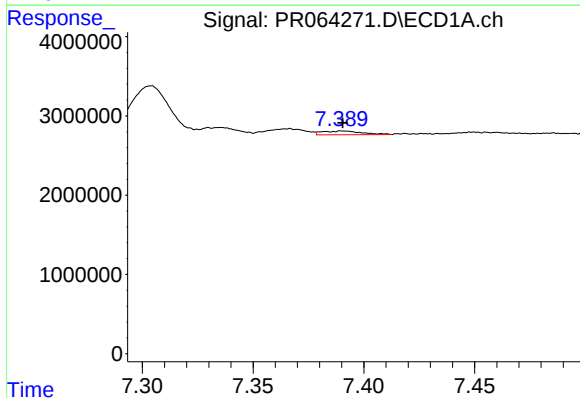
R.T.: 7.975 min
Delta R.T.: -0.004 min
Response: 1865165
Conc: 3.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



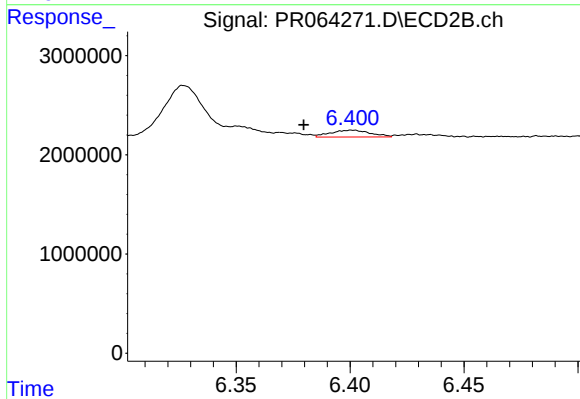
#35 AR-1260-5

R.T.: 6.920 min
Delta R.T.: -0.010 min
Response: 1208709
Conc: 2.85 ng/ml



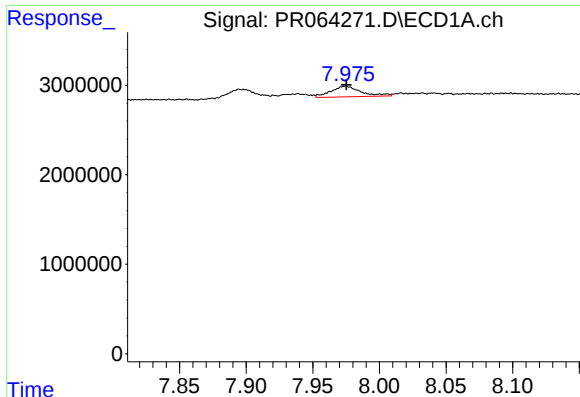
#36 AR-1262-1

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 601547
Conc: 1.60 ng/ml



#36 AR-1262-1

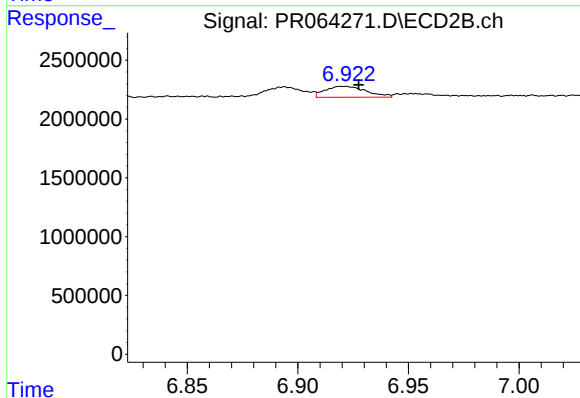
R.T.: 6.401 min
Delta R.T.: 0.021 min
Response: 839391
Conc: 2.88 ng/ml



#37 AR-1262-2

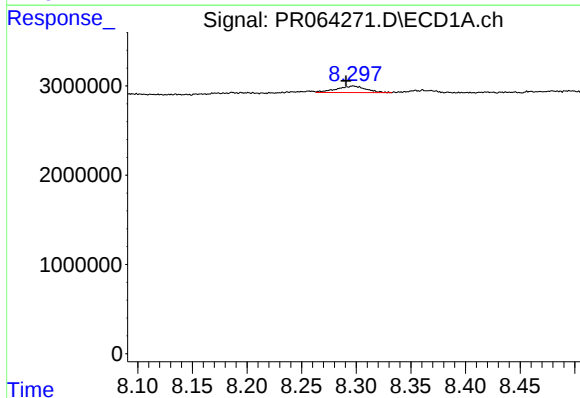
R.T.: 7.975 min
Delta R.T.: 0.000 min
Response: 1865165
Conc: 3.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



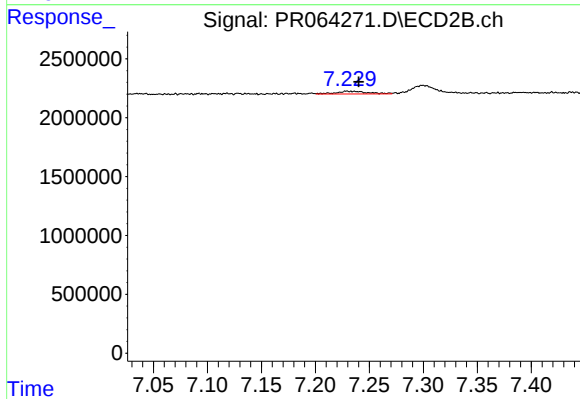
#37 AR-1262-2

R.T.: 6.920 min
Delta R.T.: -0.007 min
Response: 1208709
Conc: 2.59 ng/ml



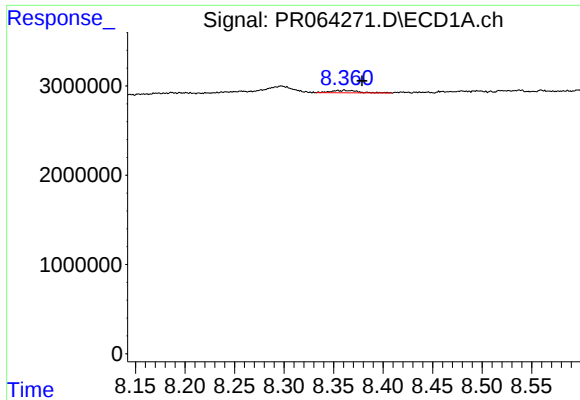
#38 AR-1262-3

R.T.: 8.297 min
Delta R.T.: 0.007 min
Response: 1382953
Conc: 3.30 ng/ml



#38 AR-1262-3

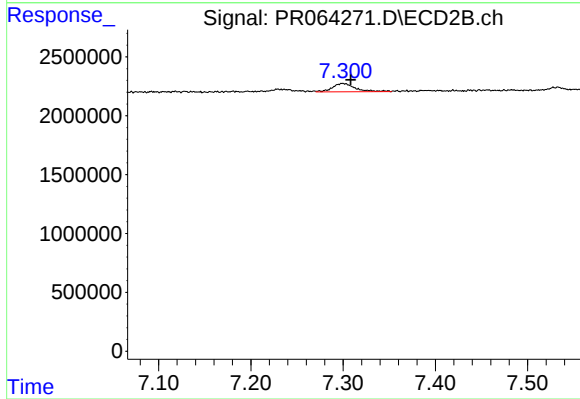
R.T.: 7.229 min
Delta R.T.: -0.011 min
Response: 477898
Conc: 2.62 ng/ml



#39 AR-1262-4

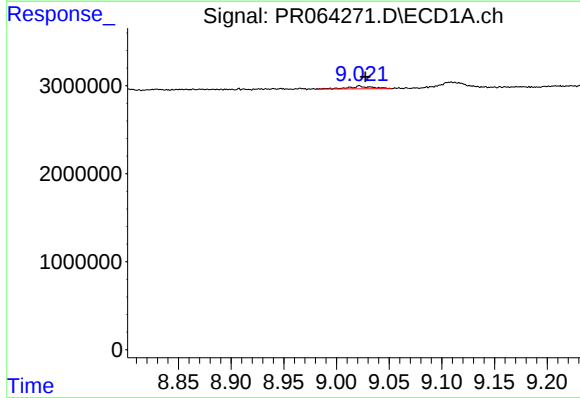
R.T.: 8.361 min
Delta R.T.: -0.018 min
Response: 502632
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



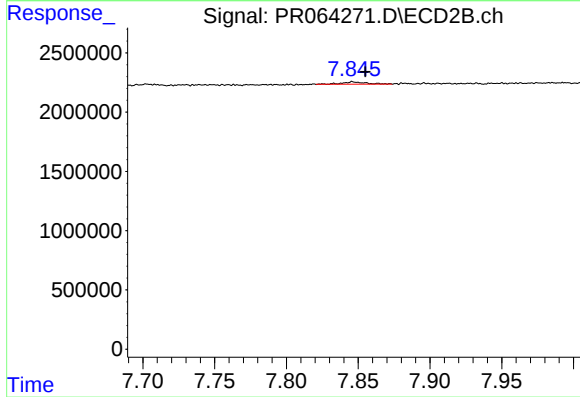
#39 AR-1262-4

R.T.: 7.299 min
Delta R.T.: -0.009 min
Response: 1227142
Conc: 3.64 ng/ml



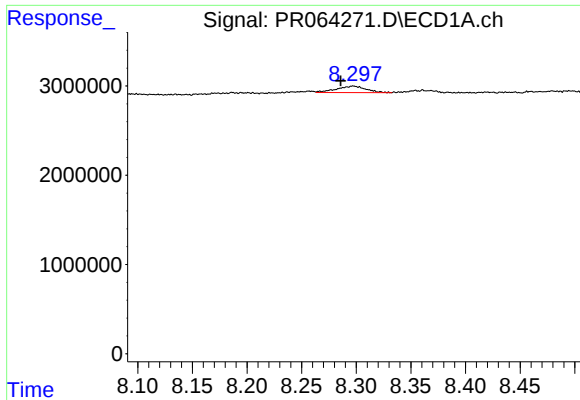
#40 AR-1262-5

R.T.: 9.022 min
Delta R.T.: -0.006 min
Response: 503288
Conc: 2.29 ng/ml



#40 AR-1262-5

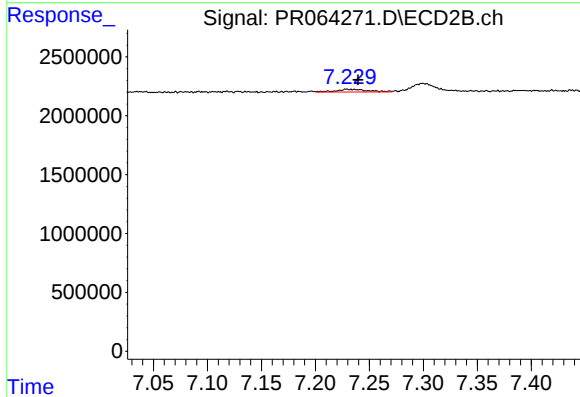
R.T.: 7.846 min
Delta R.T.: -0.009 min
Response: 233123
Conc: 1.60 ng/ml



#41 AR-1268-1

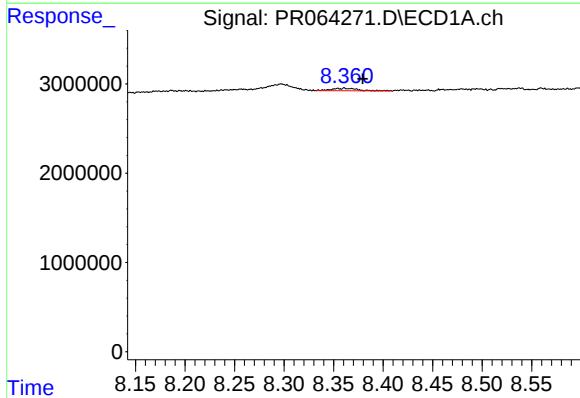
R.T.: 8.297 min
Delta R.T.: 0.011 min
Response: 1382953
Conc: 1.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



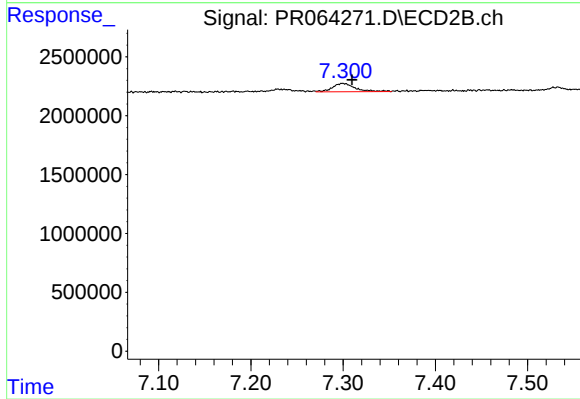
#41 AR-1268-1

R.T.: 7.229 min
Delta R.T.: -0.010 min
Response: 477898
Conc: 0.92 ng/ml



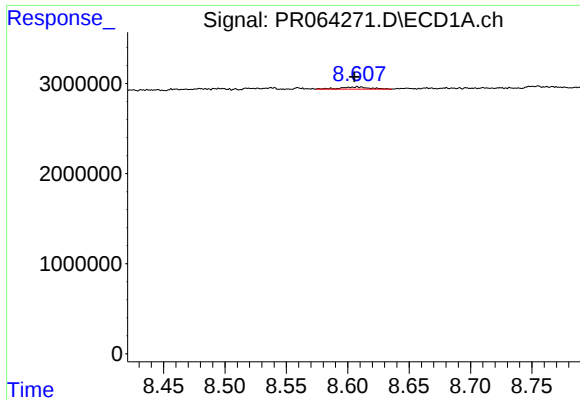
#42 AR-1268-2

R.T.: 8.361 min
Delta R.T.: -0.019 min
Response: 502632
Conc: 0.76 ng/ml



#42 AR-1268-2

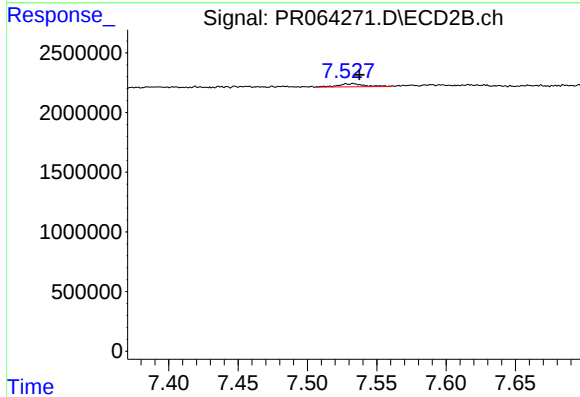
R.T.: 7.299 min
Delta R.T.: -0.010 min
Response: 1227142
Conc: 2.60 ng/ml



#43 AR-1268-3

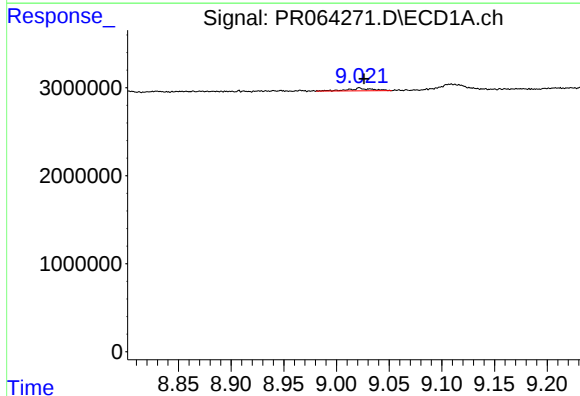
R.T.: 8.608 min
Delta R.T.: 0.002 min
Response: 381951
Conc: 0.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



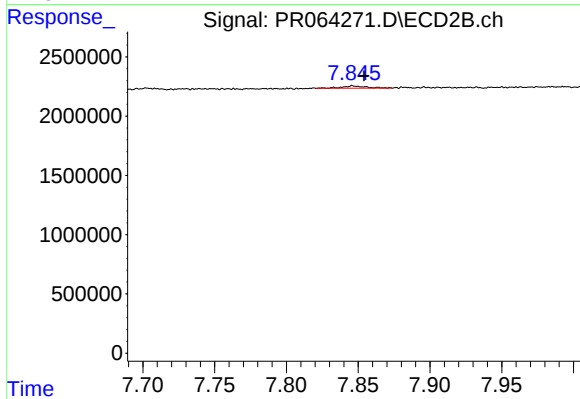
#43 AR-1268-3

R.T.: 7.533 min
Delta R.T.: -0.004 min
Response: 343283
Conc: 0.86 ng/ml



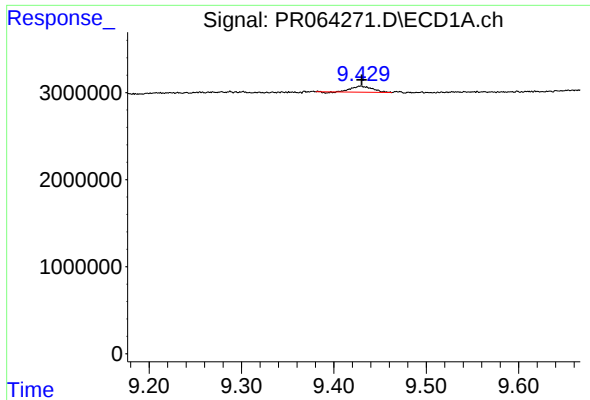
#44 AR-1268-4

R.T.: 9.022 min
Delta R.T.: -0.004 min
Response: 503288
Conc: 2.15 ng/ml



#44 AR-1268-4

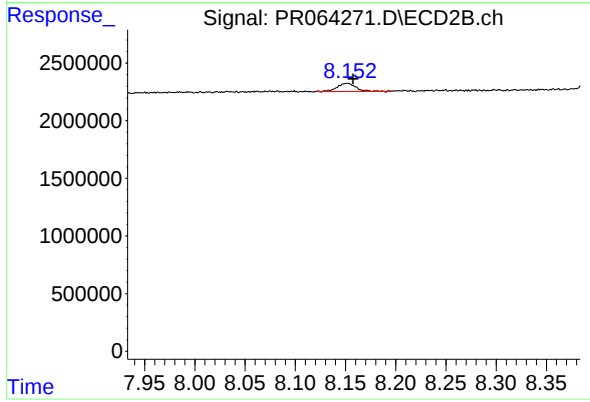
R.T.: 7.846 min
Delta R.T.: -0.008 min
Response: 233123
Conc: 1.43 ng/ml



#45 AR-1268-5

R.T.: 9.429 min
Delta R.T.: -0.001 min
Response: 1067622
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.152 min
Delta R.T.: -0.006 min
Response: 912072
Conc: 0.78 ng/ml